

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005557.D
 Acq On : 24 Oct 2018 22:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:51 AM

Quant Time: Oct 25 06:30:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164342	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	126014	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	99673	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
50) Toluene-d8	8.72	98	376513	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.14	95	140652	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	75379	36.988	ug/l	98
3) Chloromethane	1.32	50	105416	40.618	ug/l	99
4) Vinyl Chloride	1.41	62	119219	46.717	ug/l	89
5) Bromomethane	1.64	94	73930	46.558	ug/l	98
6) Chloroethane	1.71	64	71913	44.112	ug/l	99
7) Trichlorofluoromethane	1.92	101	167827	47.329	ug/l	95
8) Diethyl Ether	2.19	74	67212	47.496	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100779	49.535	ug/l	100
10) Methyl Iodide	2.51	142	117268	54.908	ug/l	99
11) Tert butyl alcohol	3.07	59	173333	255.573	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90794	46.847	ug/l	96
13) Acrolein	2.29	56	87132	251.855	ug/l	89
14) Allyl chloride	2.73	41	208635	48.234	ug/l	94
15) Acrylonitrile	3.15	53	377995	248.549	ug/l	98
16) Acetone	2.45	43	341171	256.178	ug/l	94
17) Carbon Disulfide	2.57	76	268665	45.475	ug/l	98
18) Methyl Acetate	2.78	43	177659	54.120	ug/l	91
19) Methyl tert-butyl Ether	3.20	73	343875	49.740	ug/l	99
20) Methylene Chloride	2.85	84	108897	48.822	ug/l #	90
21) trans-1,2-Dichloroethene	3.16	96	100011	47.262	ug/l #	83
22) Diisopropyl ether	3.87	45	359052	47.534	ug/l	95
23) Vinyl Acetate	3.82	43	1643063	246.987	ug/l #	91
24) 1,1-Dichloroethane	3.70	63	200217	48.754	ug/l	99
25) 2-Butanone	4.70	43	522042	257.414	ug/l	94
26) 2,2-Dichloropropane	4.58	77	132653	41.839	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	108938	47.752	ug/l	93
28) Bromochloromethane	5.02	49	98948	49.816	ug/l	88
29) Tetrahydrofuran	5.15	42	330254	250.232	ug/l	91
30) Chloroform	5.21	83	186745	48.613	ug/l	98
31) Cyclohexane	5.57	56	168418	49.566	ug/l	87
32) 1,1,1-Trichloroethane	5.50	97	167249	49.329	ug/l	100
36) 1,1-Dichloropropene	5.80	75	137686	44.888	ug/l	99
37) Ethyl Acetate	4.85	43	186806	47.726	ug/l	97
38) Carbon Tetrachloride	5.78	117	144026	44.582	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159301	47.033	ug/l	96
40) Benzene	6.14	78	415481	47.252	ug/l	99
41) Methacrylonitrile	5.06	41	100912	46.283	ug/l	95
42) 1,2-Dichloroethane	6.20	62	153813	46.048	ug/l	96
43) Isopropyl Acetate	6.46	43	275571	46.983	ug/l	95
44) Trichloroethene	7.21	130	112968	47.161	ug/l	94
45) 1,2-Dichloropropane	7.52	63	112390	47.543	ug/l	99
46) Dibromomethane	7.66	93	72289	47.347	ug/l	98
47) Bromodichloromethane	7.90	83	141170	47.640	ug/l	99
48) Methyl methacrylate	7.77	41	144676	50.632	ug/l	93
49) 1,4-Dioxane	7.76	88	62338	998.305	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	981369	248.957	ug/l	93
52) Toluene	8.79	92	260000	48.654	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	155806	48.649	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	169122	49.048	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	108744	48.267	ug/l	96
56) Ethyl methacrylate	9.18	69	169674	50.490	ug/l	92
57) 1,3-Dichloropropane	9.37	76	183237	48.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	470709	250.792	ug/l	93
59) 2-Hexanone	9.50	43	787305	253.315	ug/l	92
60) Dibromochloromethane	9.59	129	115652	49.200	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113215	48.573	ug/l	100
64) Tetrachloroethene	9.34	164	117029	48.867	ug/l	99
65) Chlorobenzene	10.14	112	292680	47.643	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	108396	48.392	ug/l	99
67) Ethyl Benzene	10.25	91	510019	50.461	ug/l	97
68) m/p-Xylenes	10.36	106	397988	101.493	ug/l	95
69) o-Xylene	10.70	106	189285	51.307	ug/l	96
70) Styrene	10.71	104	322019	52.141	ug/l	96
71) Bromoform	10.86	173	95808	47.932	ug/l	98
73) Isopropylbenzene	11.02	105	518417	51.605	ug/l	99
74) N-amyl acetate	10.90	43	258180	51.866	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	178118	48.059	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	170001m	50.786	ug/l	
77) Bromobenzene	11.26	156	137538	49.126	ug/l	97
78) n-propylbenzene	11.36	91	600938	52.314	ug/l	99
79) 2-Chlorotoluene	11.42	91	360404	50.602	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	446111	51.911	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	51041	47.897	ug/l	99
82) 4-Chlorotoluene	11.51	91	426201	50.748	ug/l	98
83) tert-Butylbenzene	11.77	119	435828	50.877	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	460673	52.892	ug/l	97
85) sec-Butylbenzene	11.94	105	530839	51.932	ug/l	98
86) p-Isopropyltoluene	12.07	119	476151	52.109	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	256617	48.742	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	259985	47.212	ug/l	98
89) n-Butylbenzene	12.39	91	420309	50.951	ug/l	98
90) Hexachloroethane	12.60	117	78579	49.860	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	261154	49.029	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45013	50.230	ug/l	95

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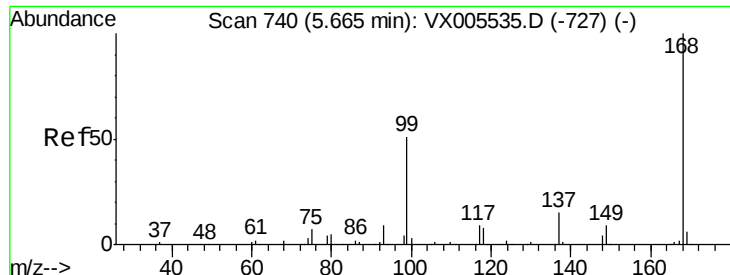
Manual Integrations
APPROVED

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10/26/2018 11:53:51 AM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	193123	50.016	ug/l	99
94) Hexachlorobutadiene	13.79	225	92310	46.133	ug/l	95
95) Naphthalene	13.83	128	602600	53.690	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	198393	50.687	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



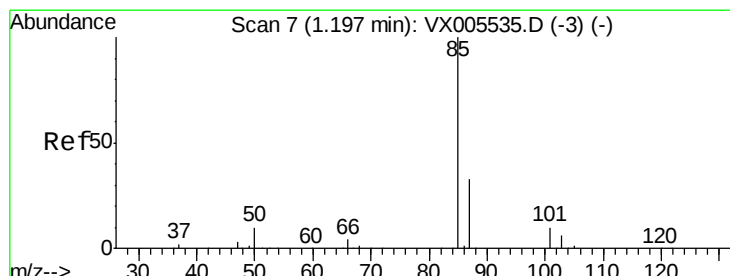
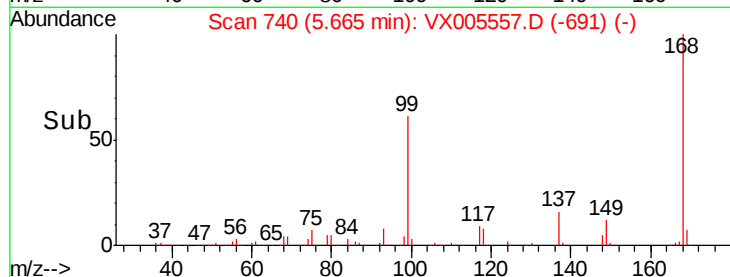
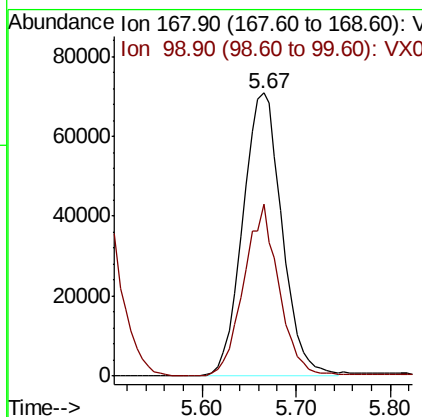
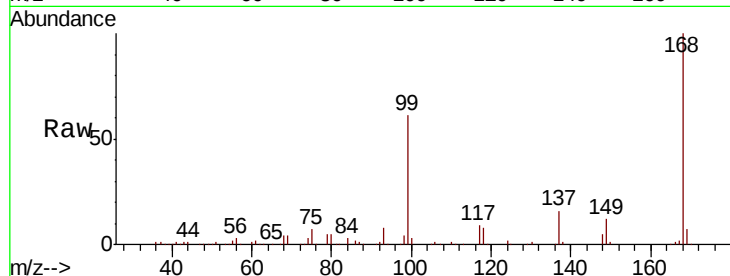
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	60.7	39.9	59.9#

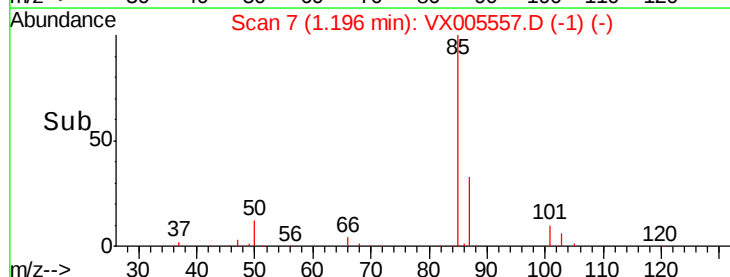
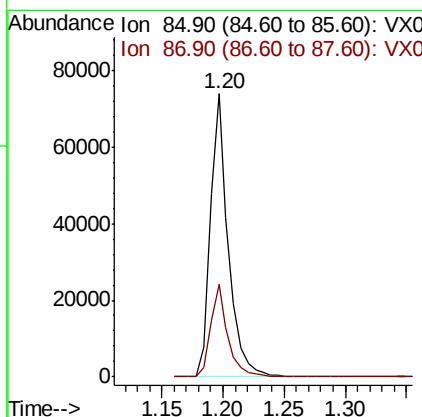
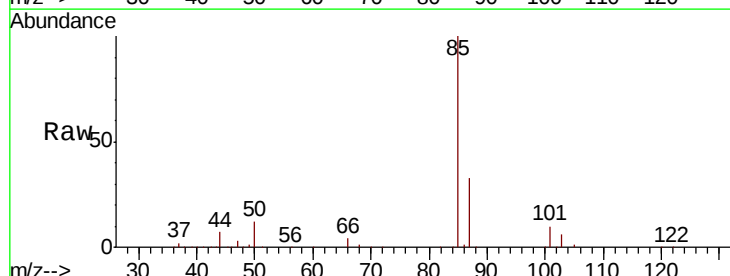
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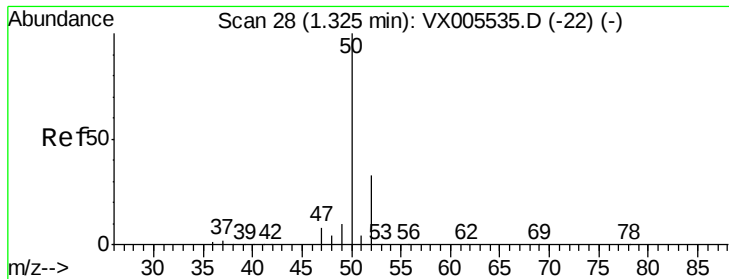
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#2
Dichlorodifluoromethane
Concen: 36.988 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	17.0	50.9





#3

Chloromethane

Concen: 40.618 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 105416

Ion Ratio Lower Upper

50 100

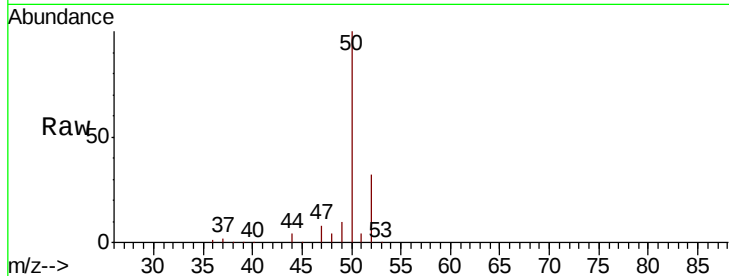
52 32.3 26.2 39.2

Manual Integrations

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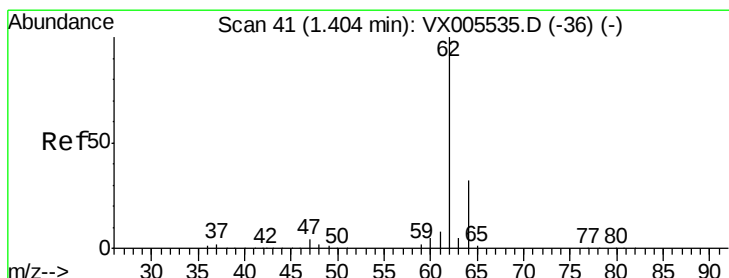
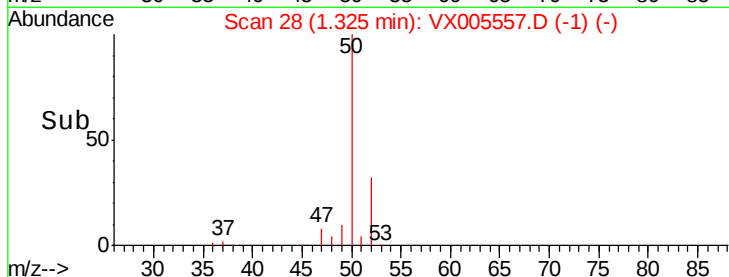
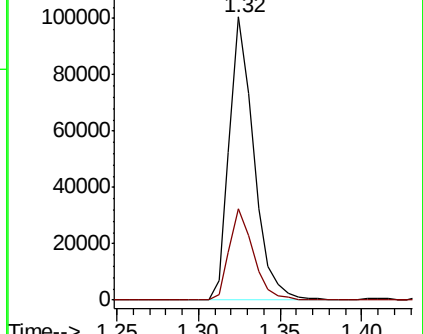
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.717 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005557.D

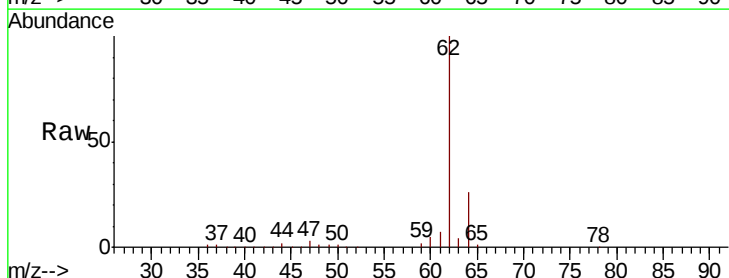
Acq: 24 Oct 2018 22:45

Tgt Ion: 62 Resp: 119219

Ion Ratio Lower Upper

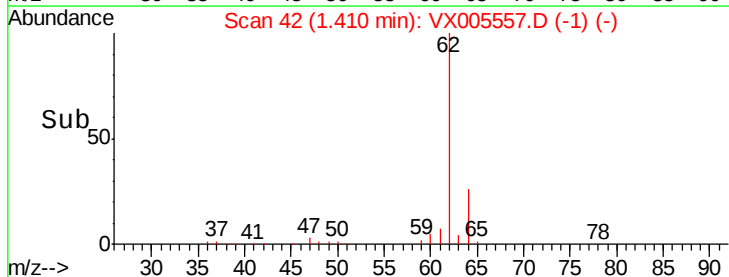
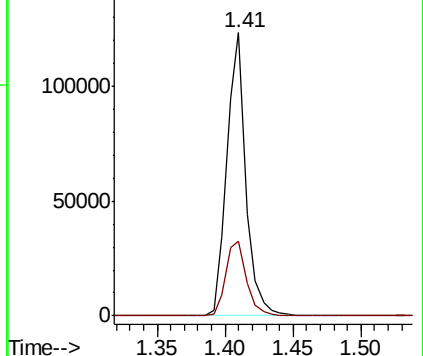
62 100

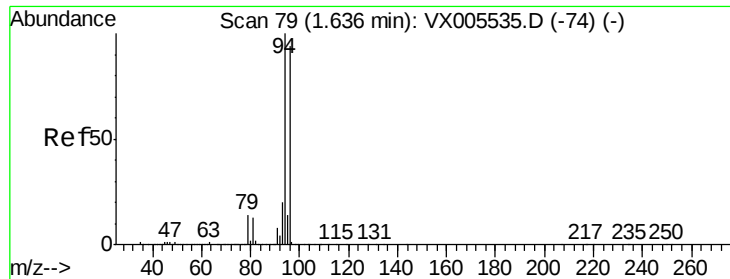
64 26.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.558 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 73930

Ion Ratio Lower Upper

94 100

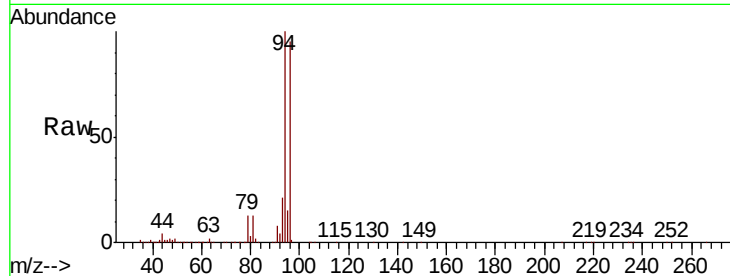
96 94.6 74.5 111.7

Manual Integrations

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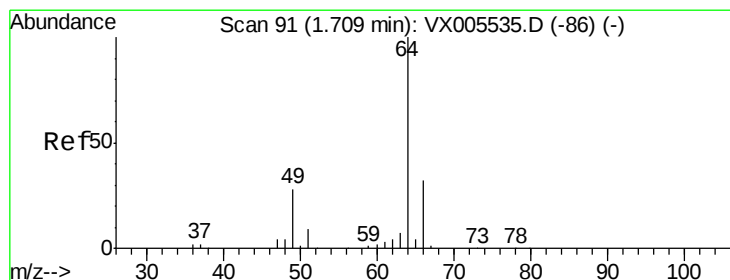
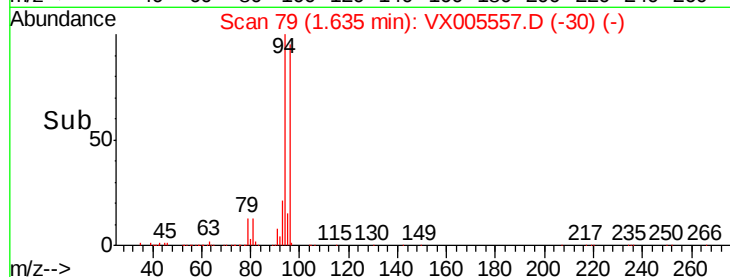
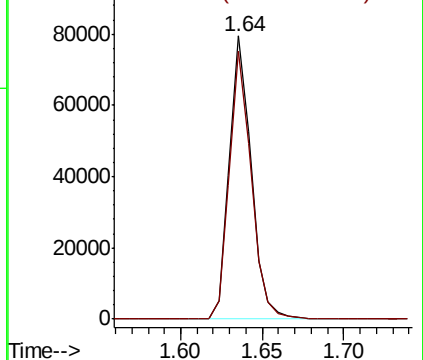
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.112 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005557.D

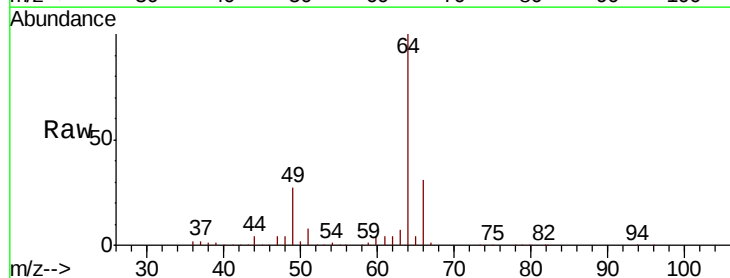
Acq: 24 Oct 2018 22:45

Tgt Ion: 64 Resp: 71913

Ion Ratio Lower Upper

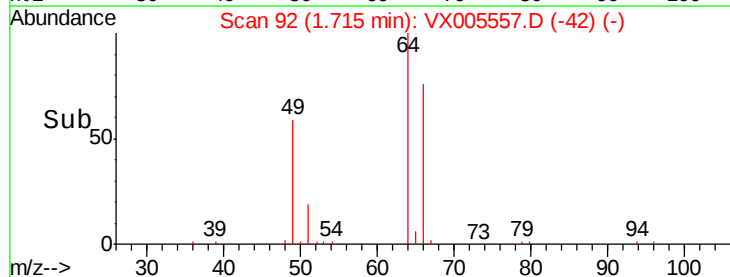
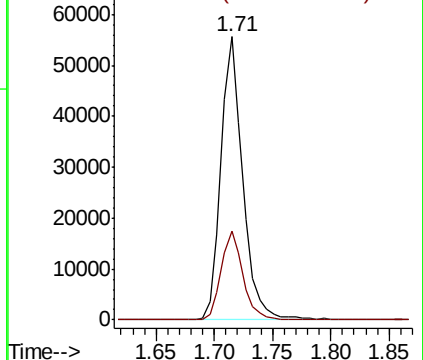
64 100

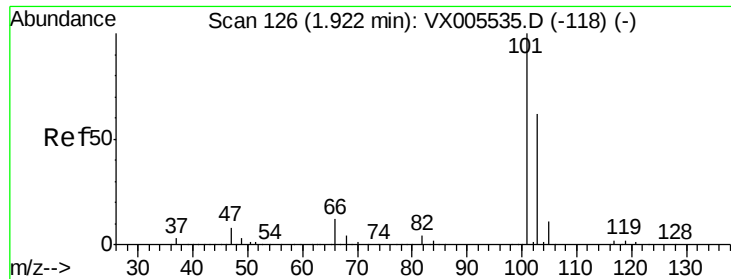
66 31.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

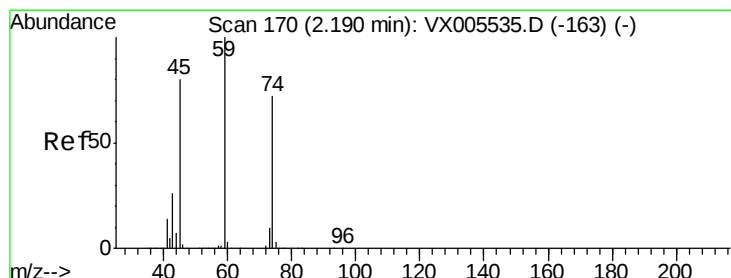
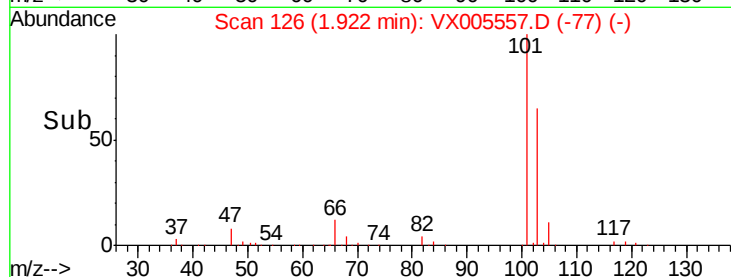
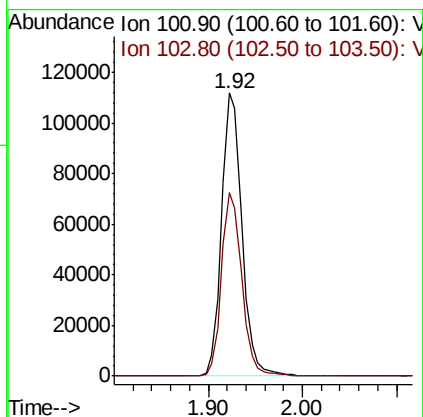
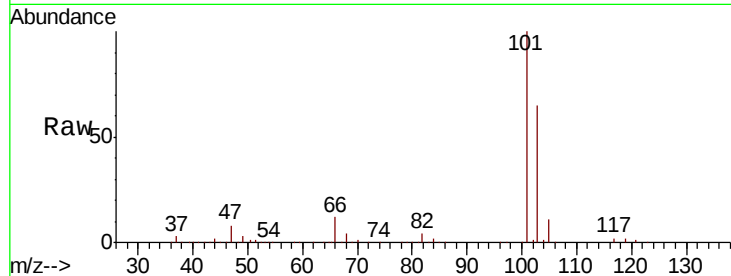
Trichlorofluoromethane
Concen: 47.329 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		167827		
103	64.8	48.9	73.3		

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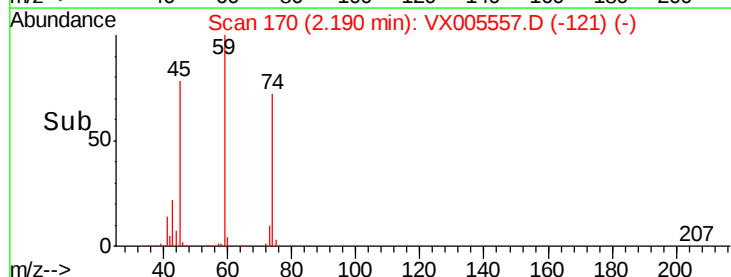
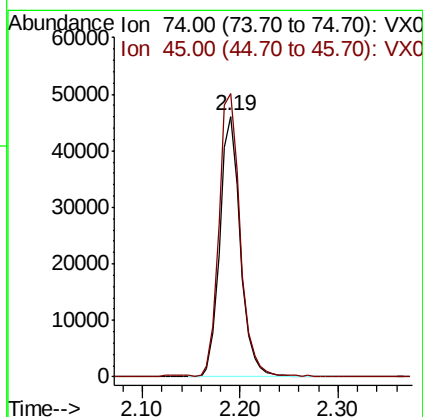
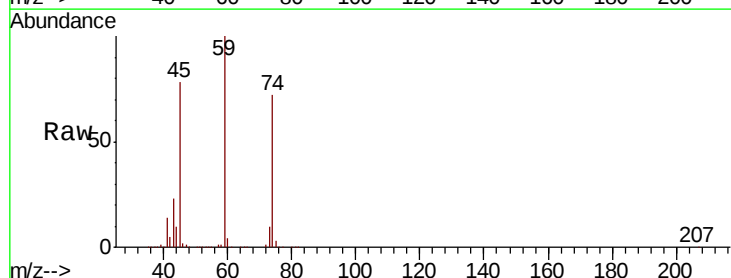
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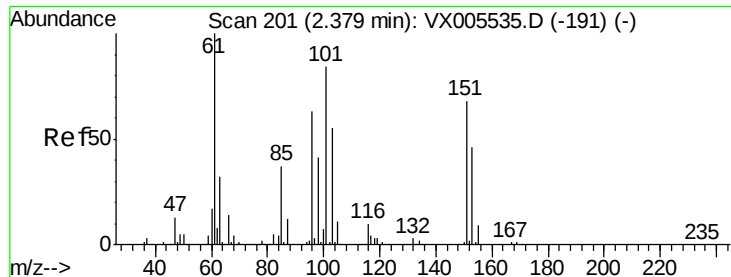


#8

Diethyl Ether
Concen: 47.496 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		67212		
45	111.4	48.3	144.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.535 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

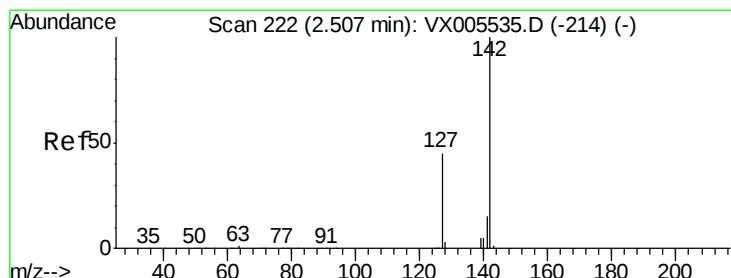
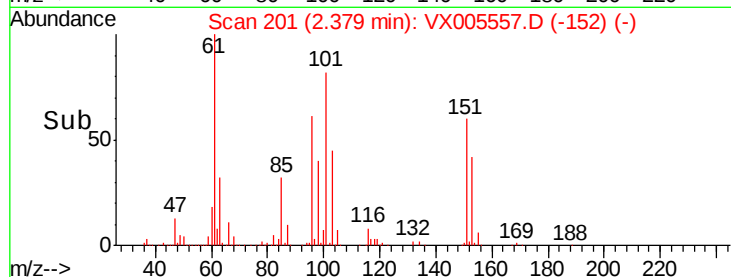
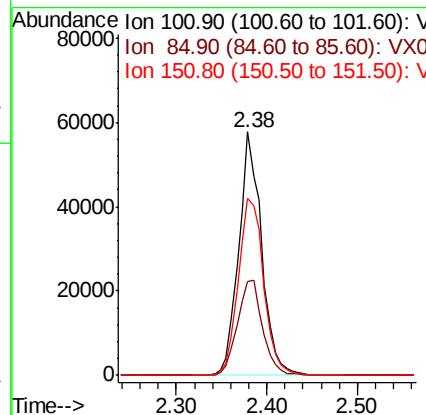
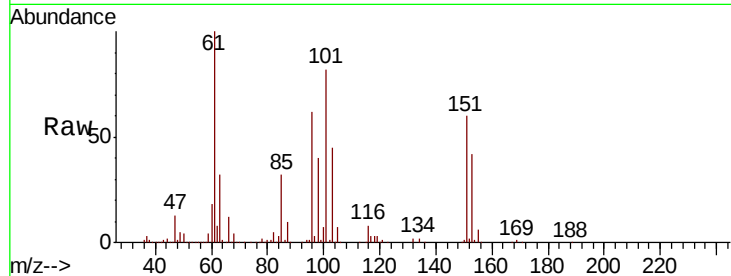
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	100779
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.2	51.4
151	81.0	65.0	97.6

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#10

Methyl Iodide

Concen: 54.908 ug/l

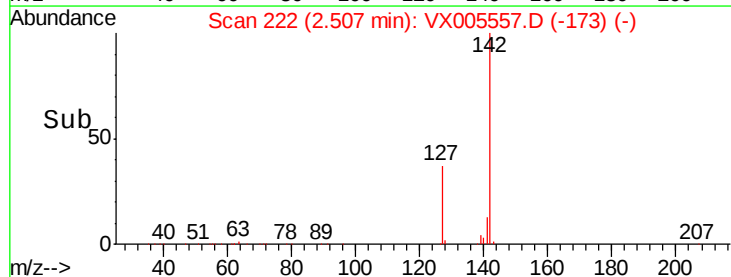
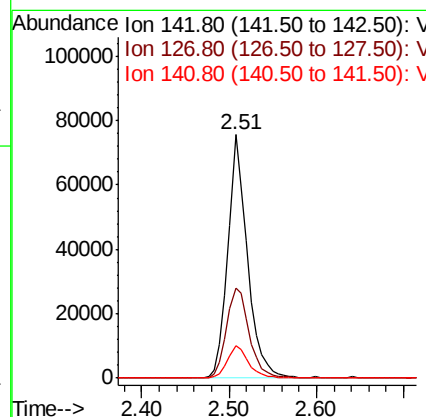
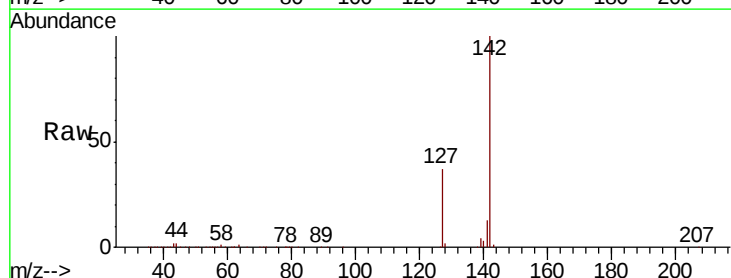
RT: 2.51 min Scan# 222

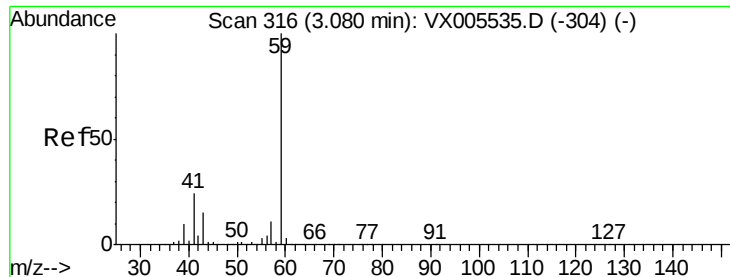
Delta R.T. 0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Tgt Ion:	142	Resp:	117268
Ion Ratio	Lower	Upper	
142	100		
127	43.3	33.8	50.6
141	14.3	11.4	17.0





#11

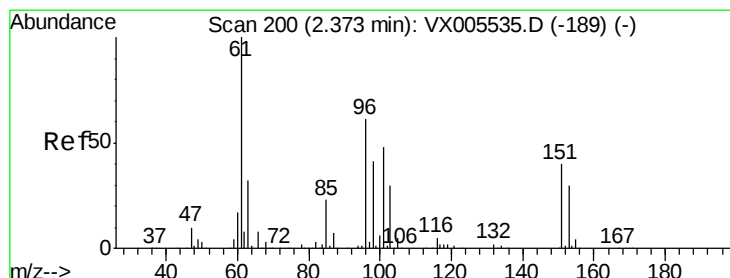
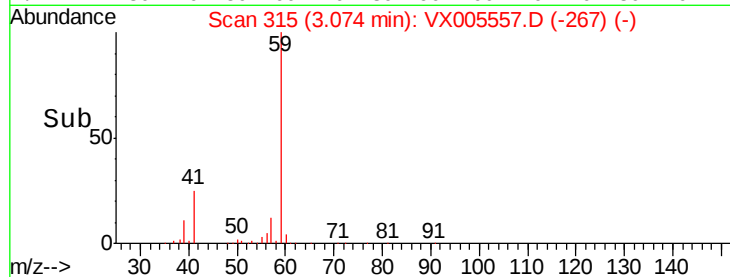
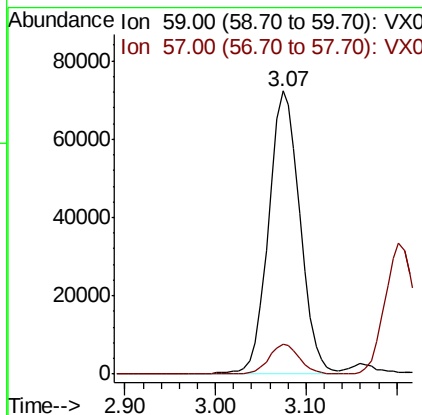
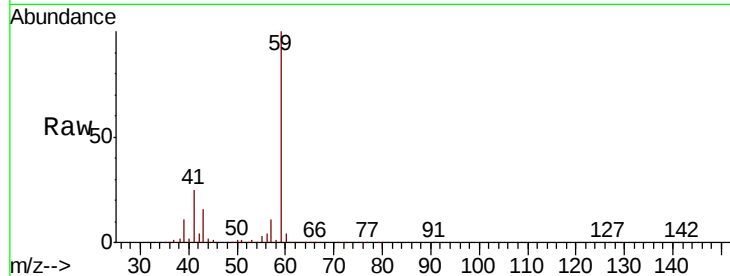
Tert butyl alcohol
 Concen: 255.573 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

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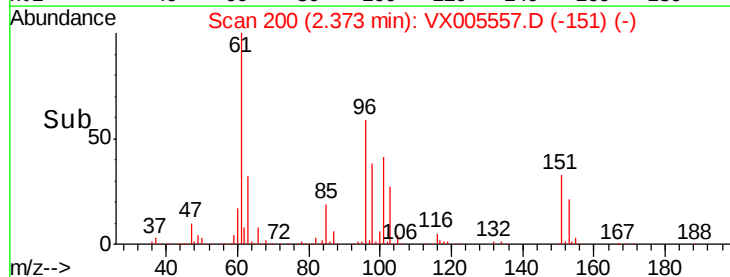
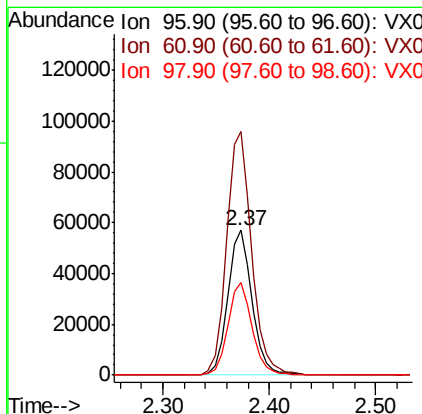
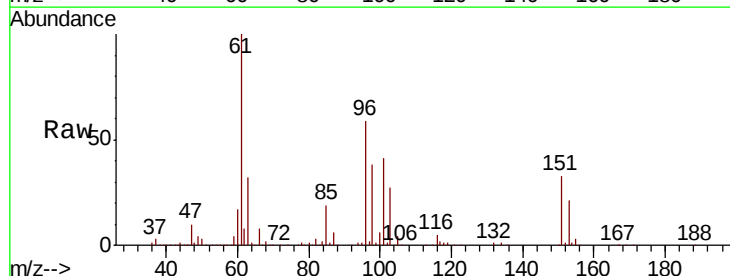
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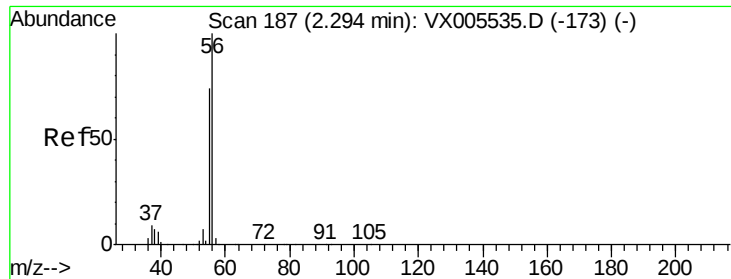


#12

1,1-Dichloroethene
 Concen: 46.847 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.4	128.8	193.2
98	63.8	52.2	78.2





#13

Acrolein

Concen: 251.855 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 87132

Ion Ratio Lower Upper

56 100

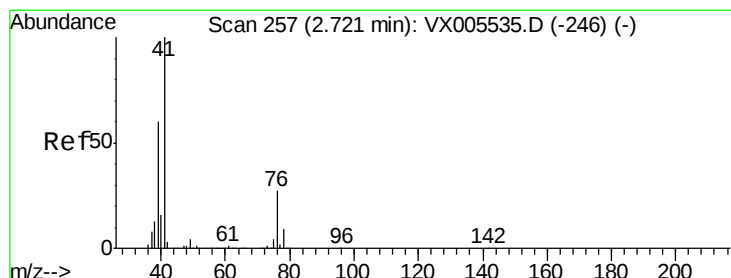
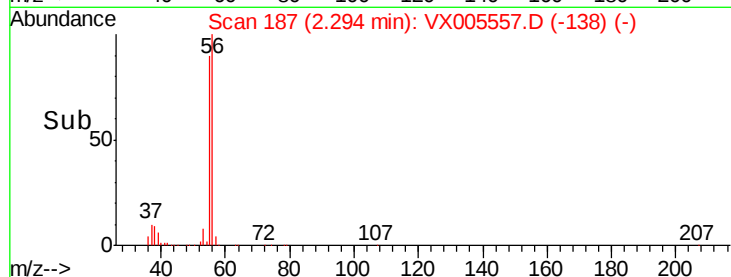
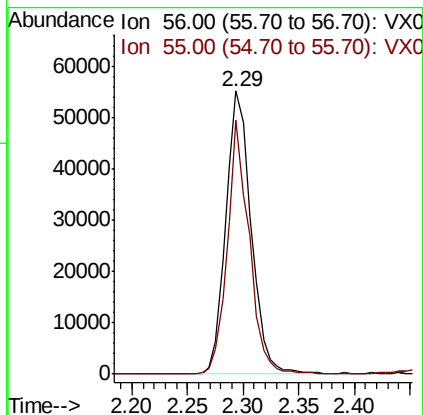
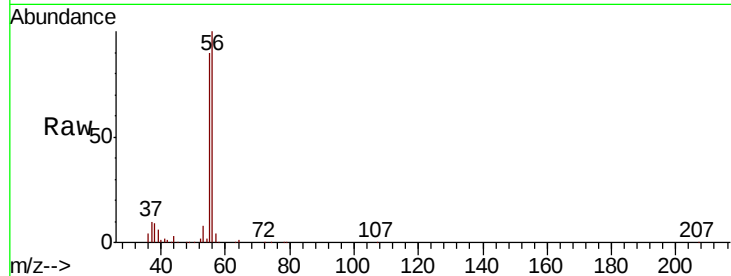
55 77.4 54.7 82.1

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#14

Allyl chloride

Concen: 48.234 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

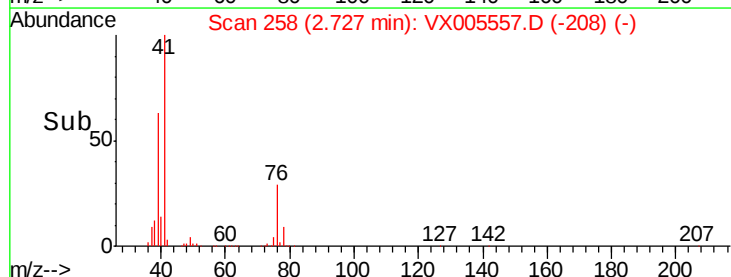
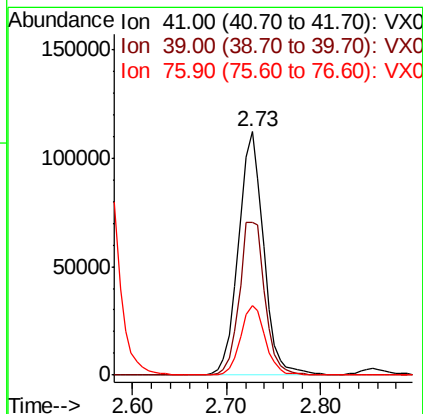
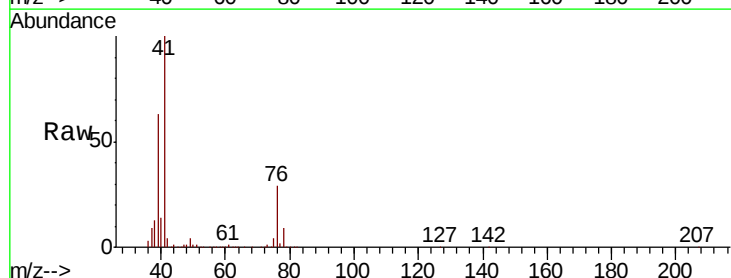
Tgt Ion: 41 Resp: 208635

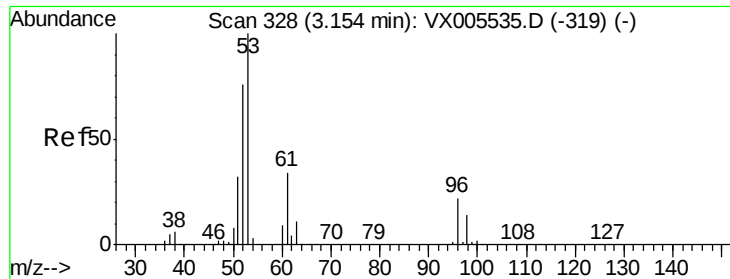
Ion Ratio Lower Upper

41 100

39 63.8 48.9 73.3

76 28.1 26.7 40.1





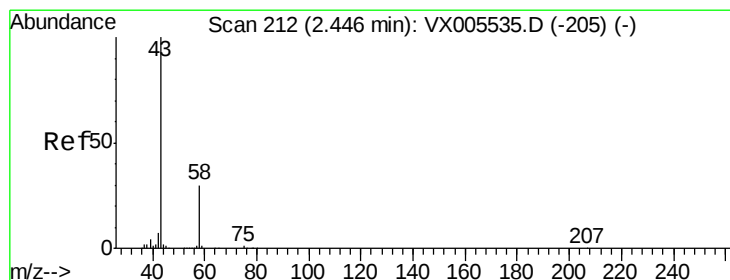
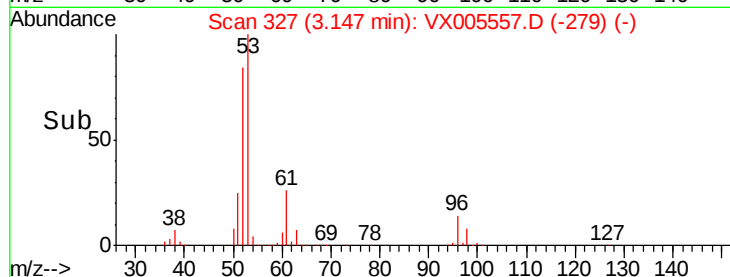
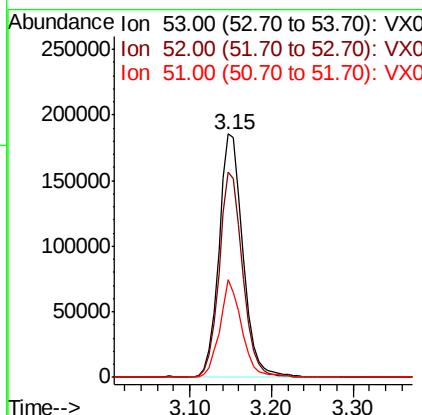
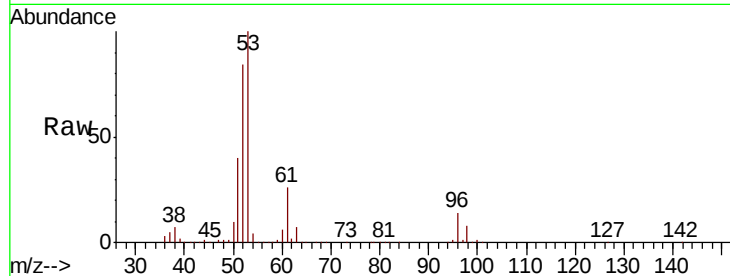
#15
 Acrylonitrile
 Concen: 248.549 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.2	97.8
51	36.8	28.2	42.2

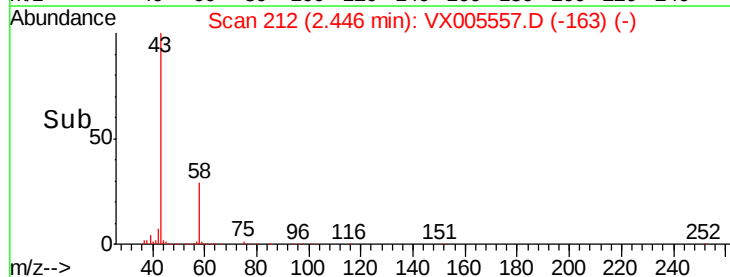
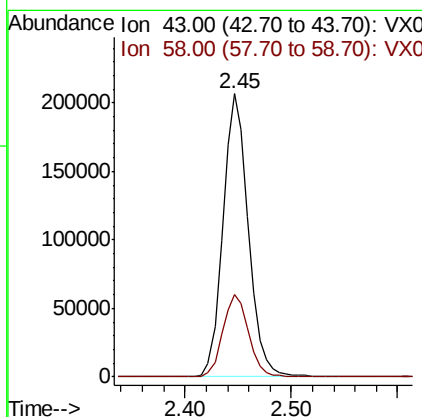
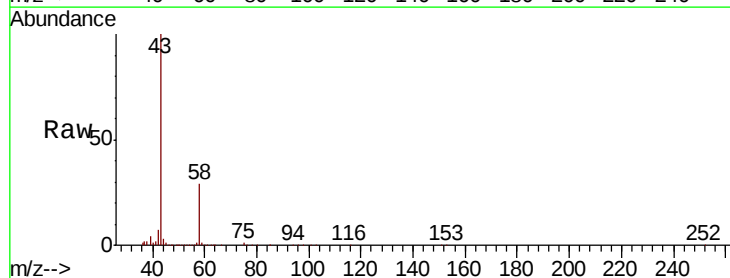
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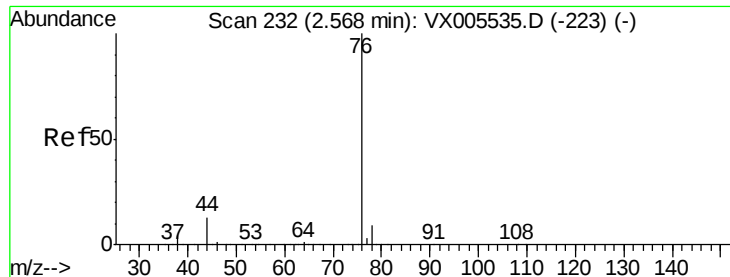
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#16
 Acetone
 Concen: 256.178 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.3	26.2	39.4





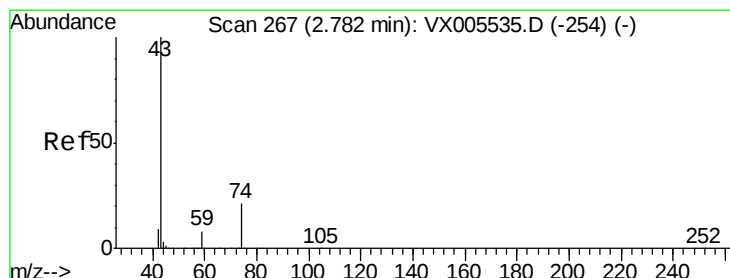
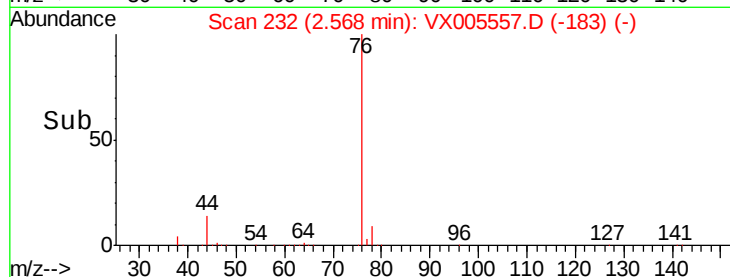
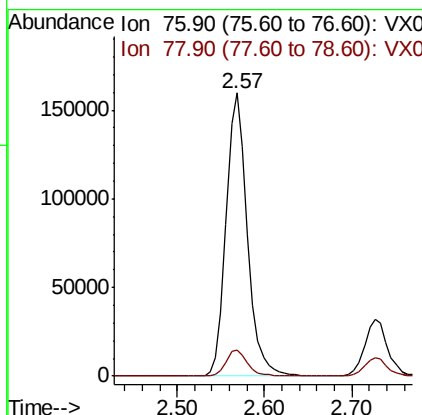
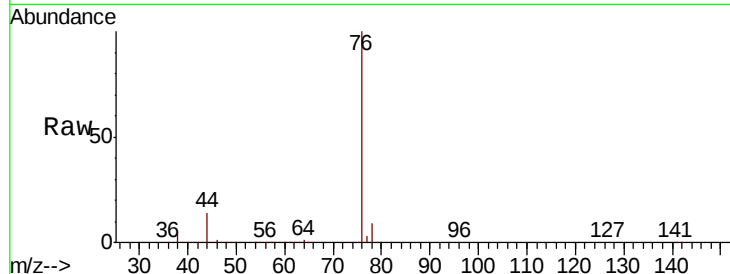
#17
Carbon Disulfide
Concen: 45.475 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

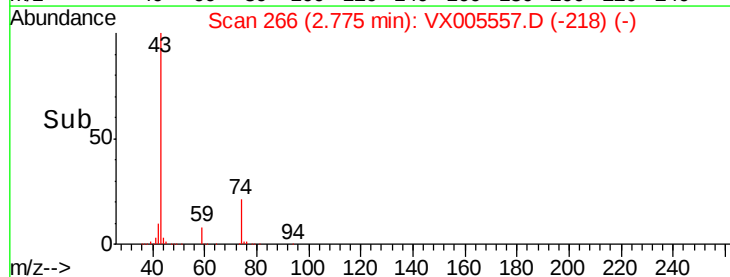
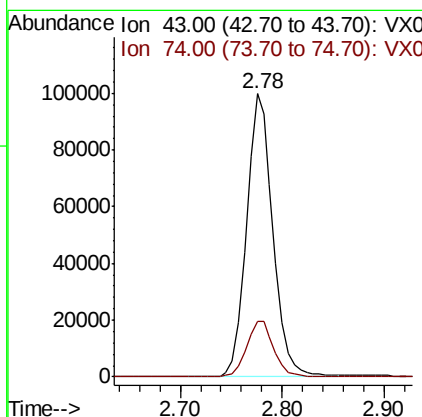
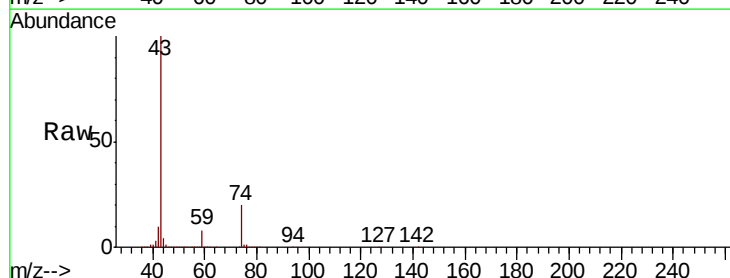
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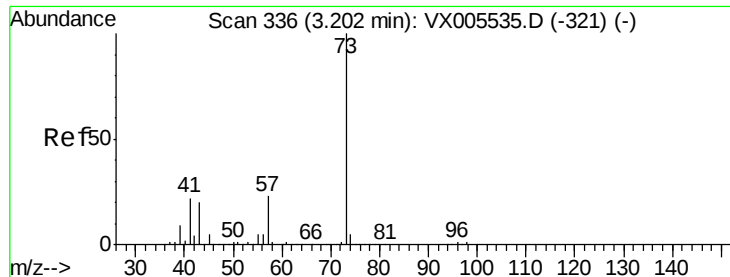
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#18
Methyl Acetate
Concen: 54.120 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.1	19.4	29.2





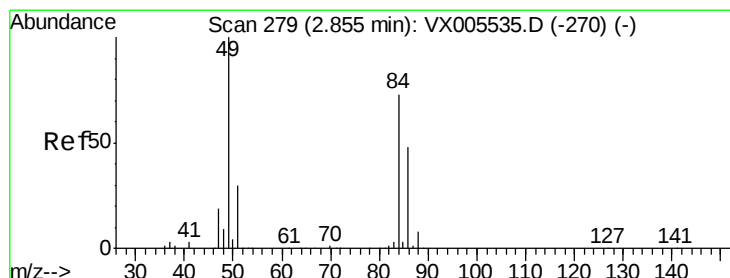
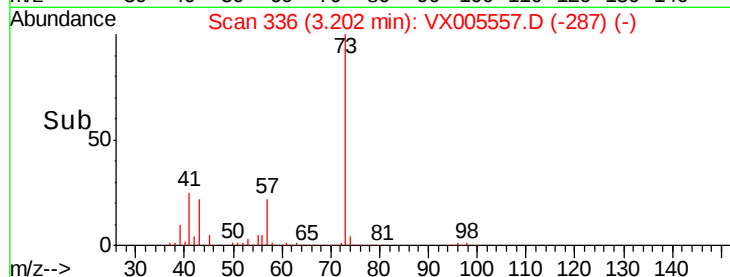
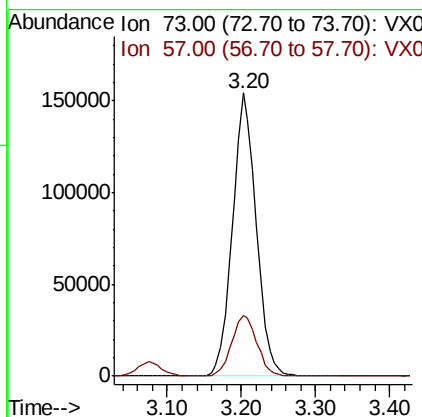
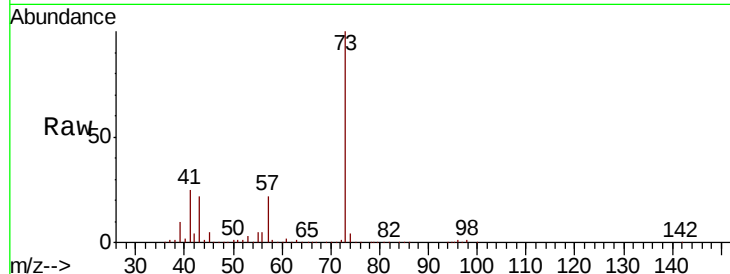
#19
Methvl tert-butvl Ether
Concen: 49.740 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 343875
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7

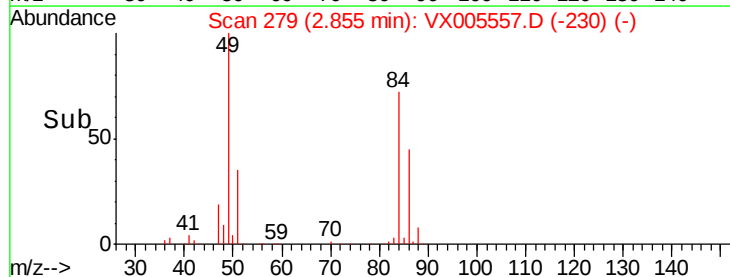
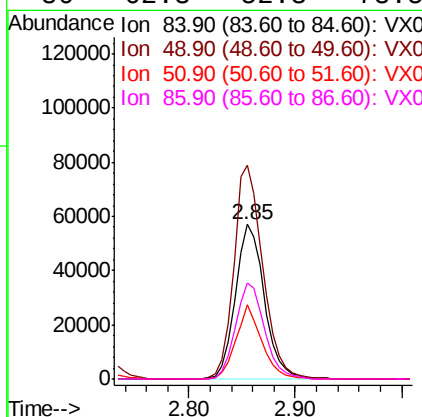
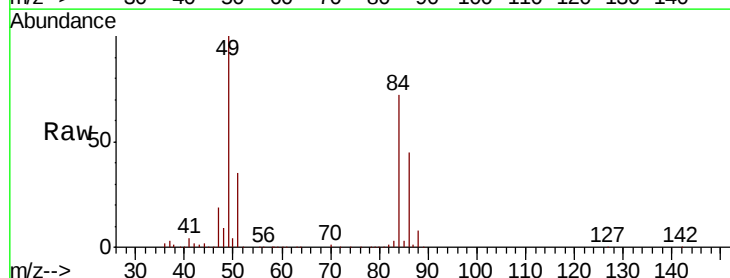
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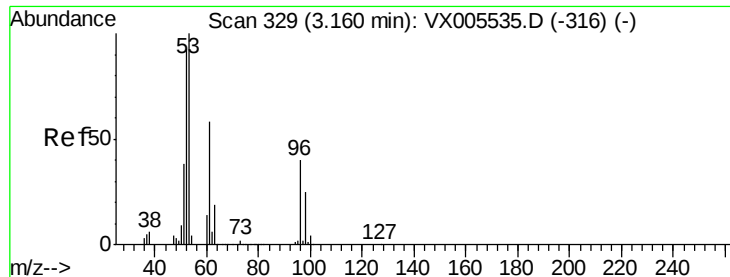
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#20
Methylene Chloride
Concen: 48.822 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion: 84 Resp: 108897
Ion Ratio Lower Upper
84 100
49 138.0 101.2 151.8
51 48.3 29.5 44.3#
86 62.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.262 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

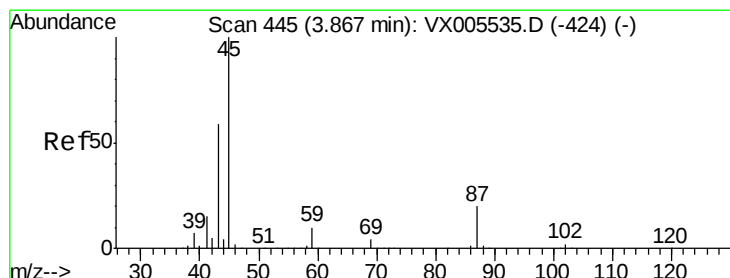
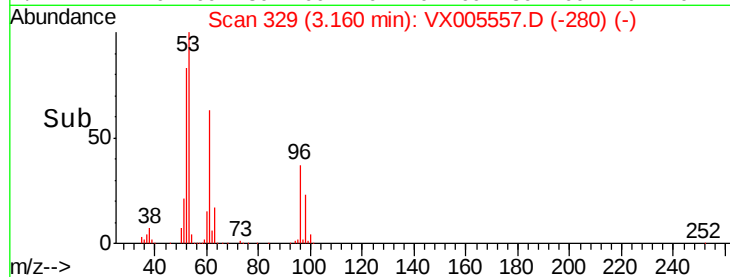
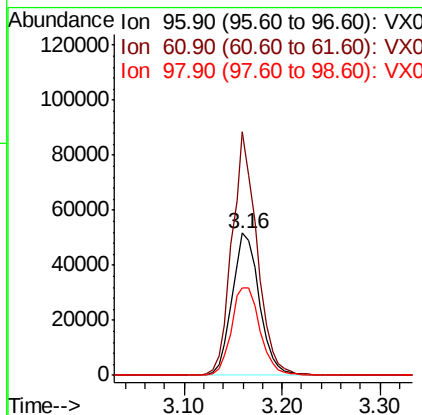
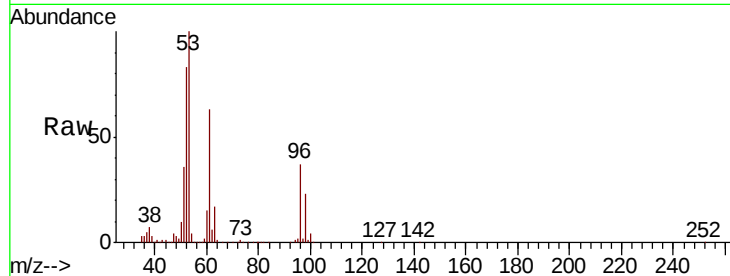
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	100011
Ion Ratio	Lower	Upper	
96	100		
61	171.3	113.8	170.6#
98	62.0	51.8	77.8

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#22

Diisopropyl ether

Concen: 47.534 ug/l

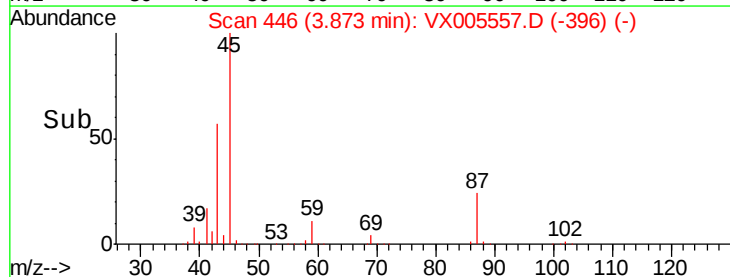
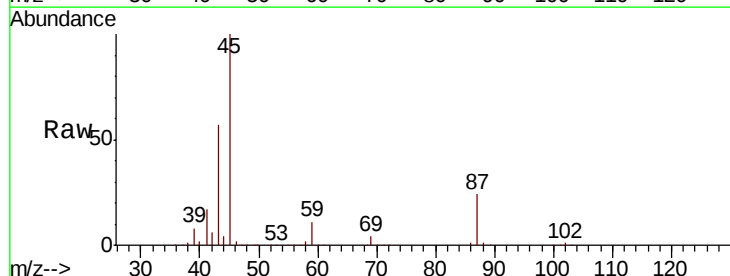
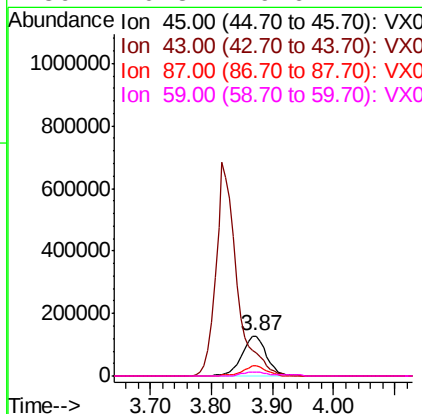
RT: 3.87 min Scan# 446

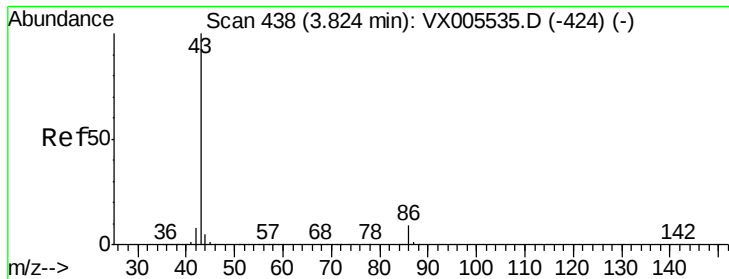
Delta R.T. 0.01 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Tgt Ion:	45	Resp:	359052
Ion Ratio	Lower	Upper	
45	100		
43	56.4	42.8	64.2
87	24.5	22.6	34.0
59	10.8	9.6	14.4





#23

Vinyl Acetate

Concen: 246.987 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1643063

Ion Ratio Lower Upper

43 100

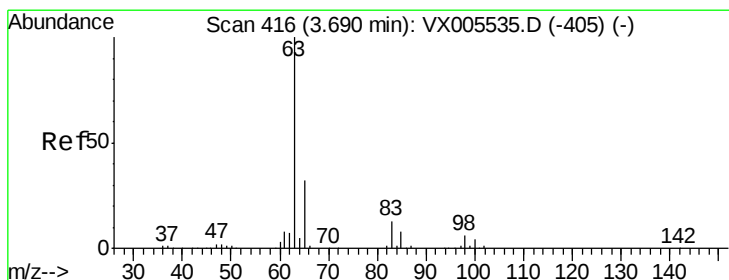
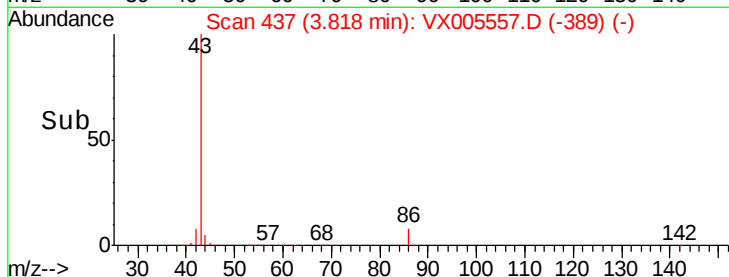
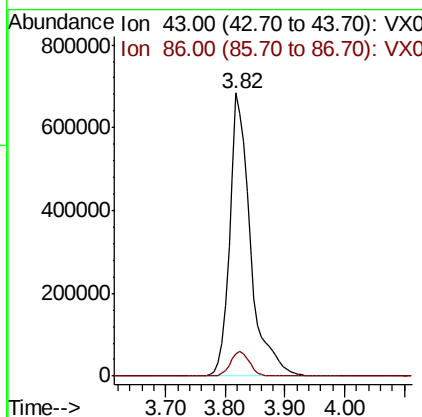
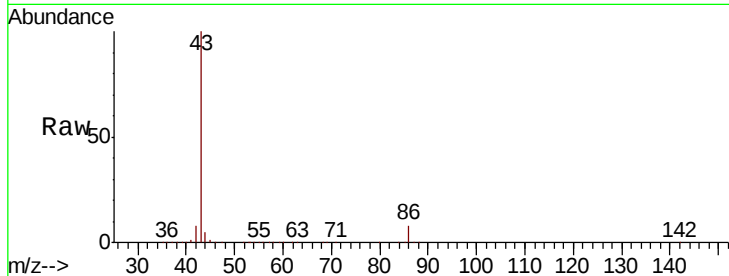
86 7.8 8.9 13.3#

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#24

1,1-Dichloroethane

Concen: 48.754 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

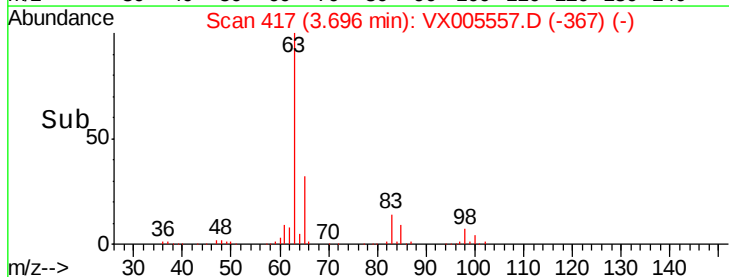
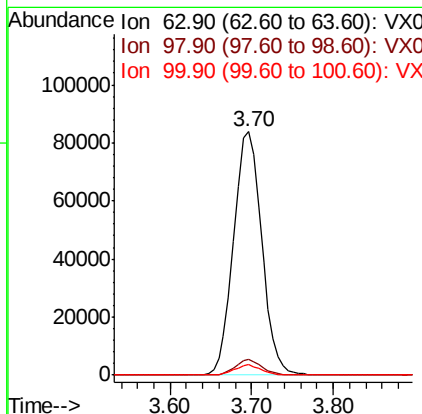
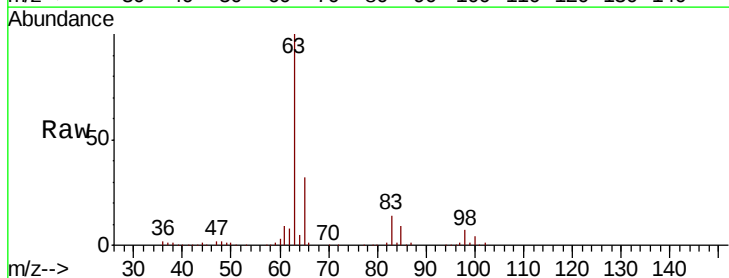
Tgt Ion: 63 Resp: 200217

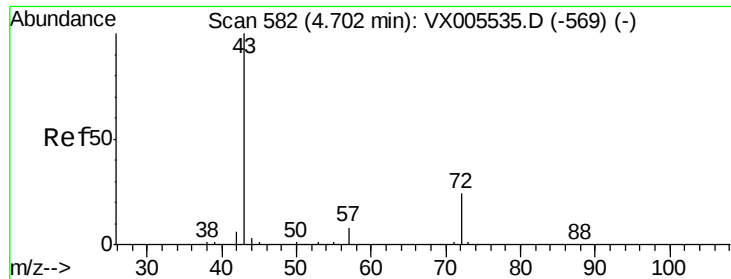
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 257.414 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 522042

Ion Ratio Lower Upper

43 100

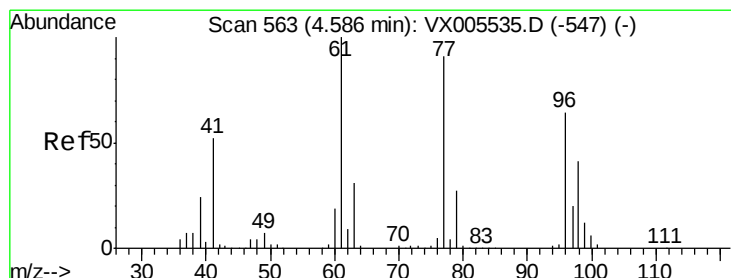
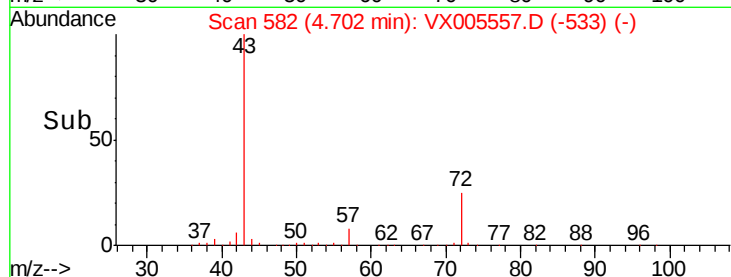
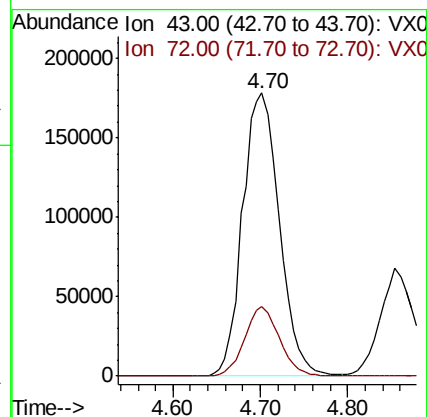
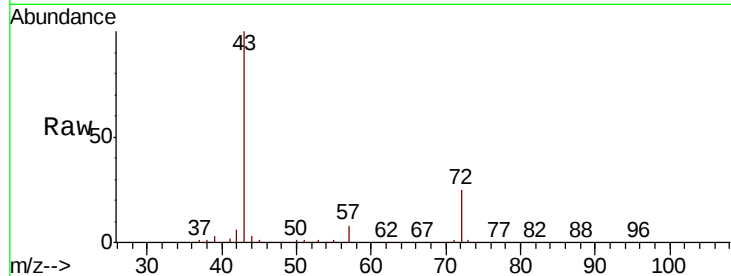
72 24.6 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.839 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005557.D

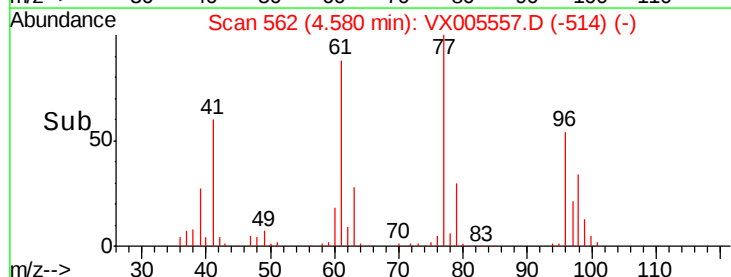
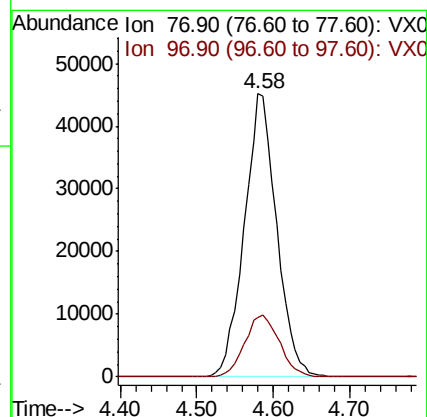
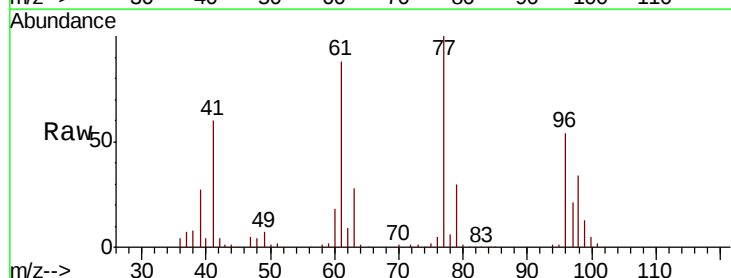
Acq: 24 Oct 2018 22:45

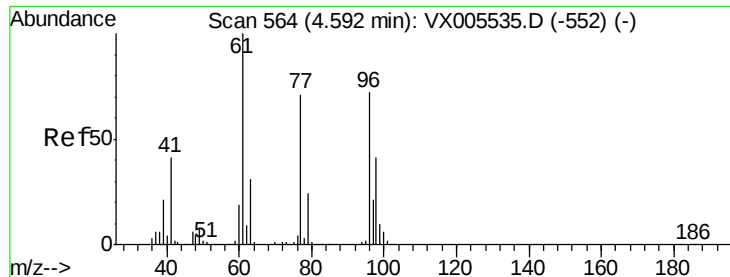
Tgt Ion: 77 Resp: 132653

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





#27

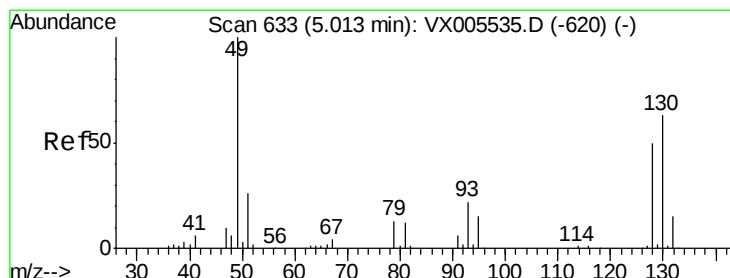
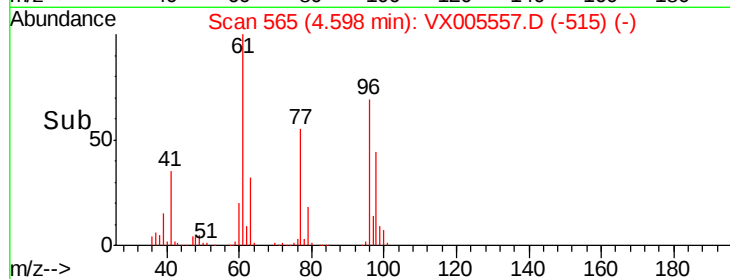
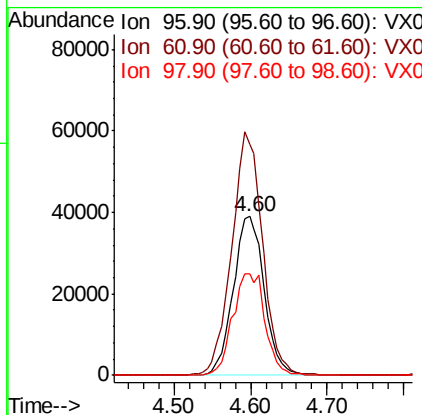
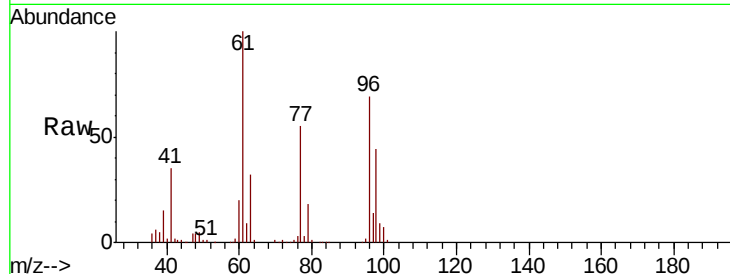
cis-1,2-Dichloroethene
Concen: 47.752 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.3	0.0	282.6	
98	66.9	0.0	130.2	

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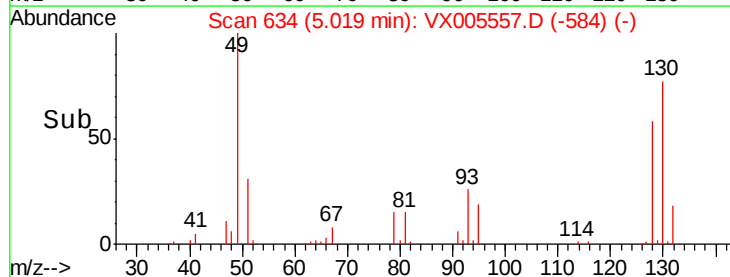
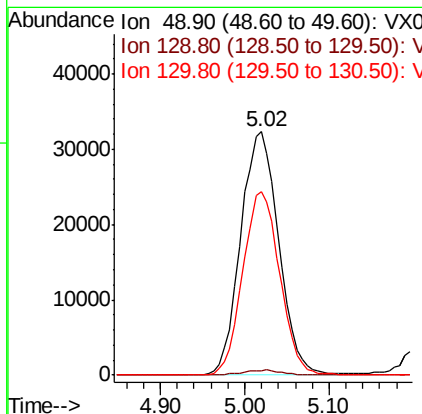
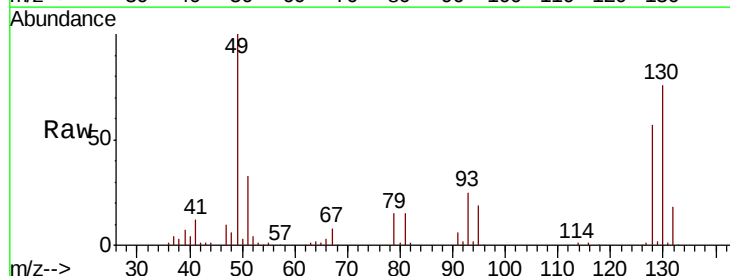
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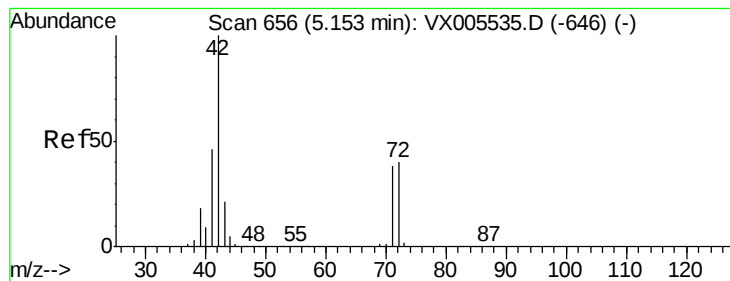


#28

Bromochloromethane
Concen: 49.816 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.2	
130	73.3	67.5	101.3	





#29

Tetrahydrofuran

Concen: 250.232 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

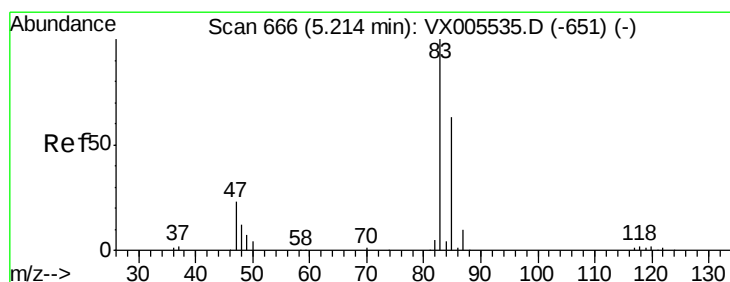
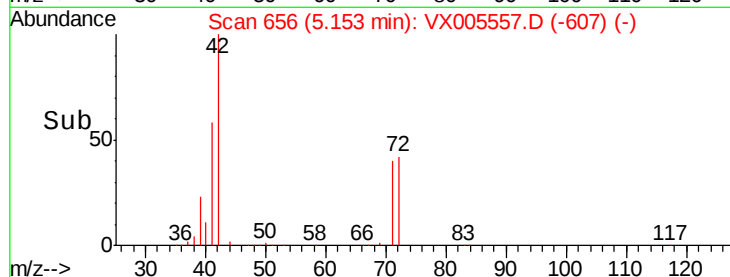
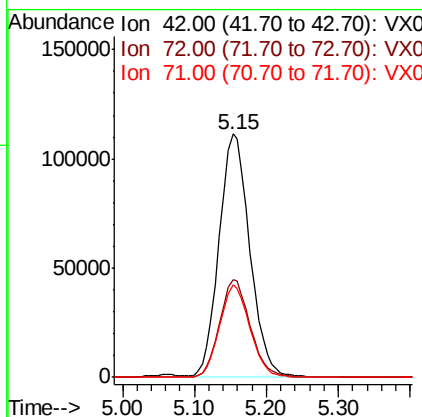
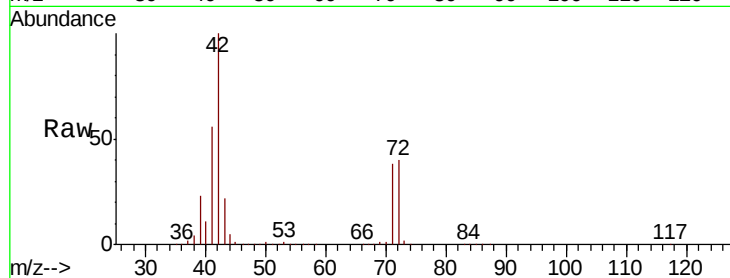
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	330254
Ion	Ratio	Lower	Upper
42	100		
72	40.1	37.4	56.0
71	37.6	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 48.613 ug/l

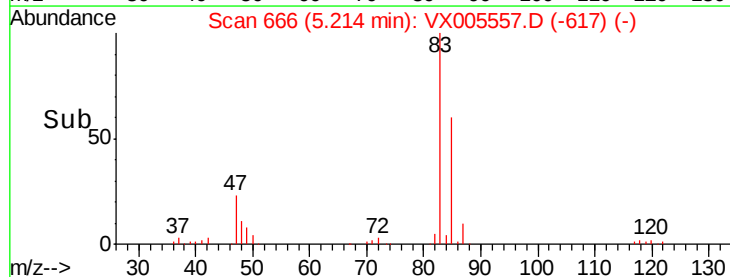
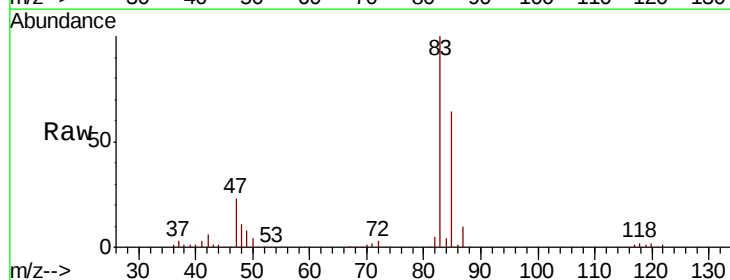
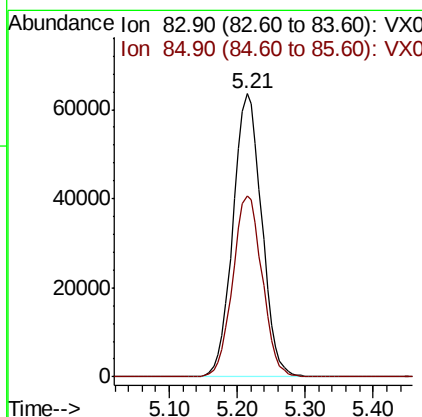
RT: 5.21 min Scan# 666

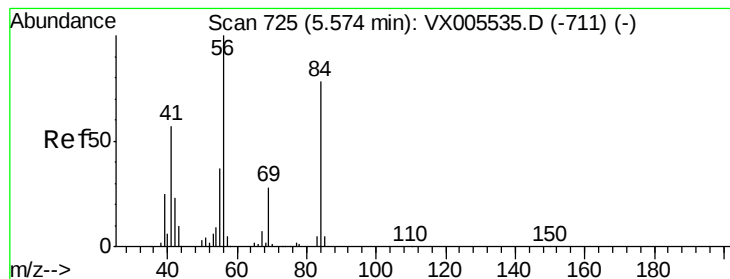
Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Tgt Ion:	83	Resp:	186745
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.6	79.0





#31

Cyclohexane

Concen: 49.566 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

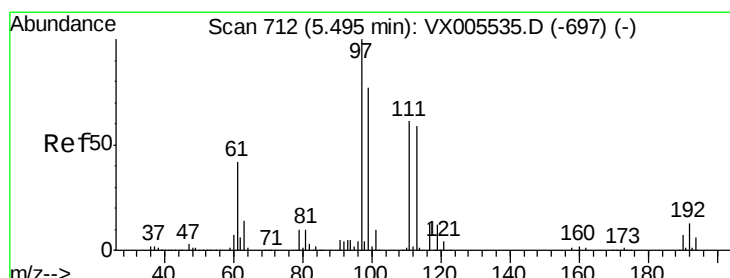
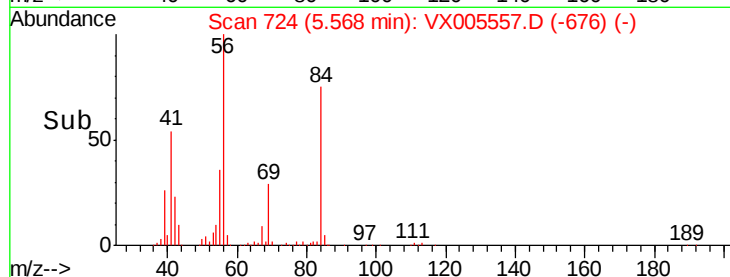
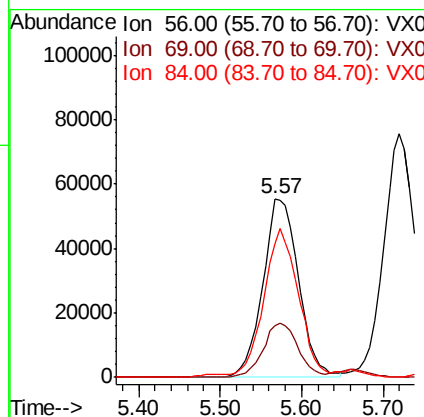
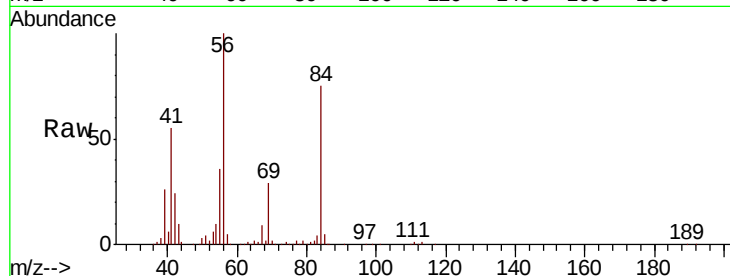
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	168418
Ion	Ratio	Lower	Upper
56	100		
69	28.6	25.4	38.2
84	74.1	71.4	107.2

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#32

1,1,1-Trichloroethane

Concen: 49.329 ug/l

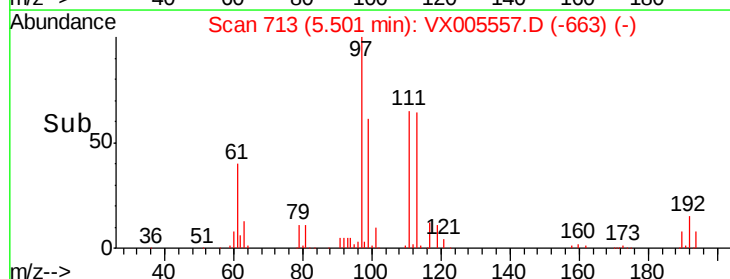
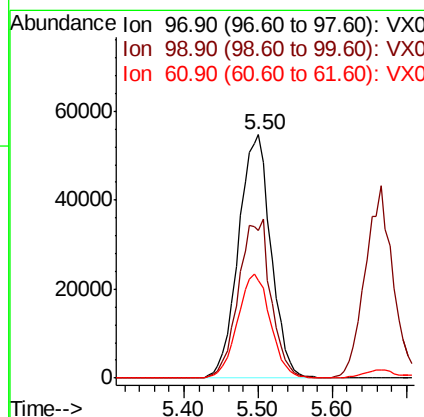
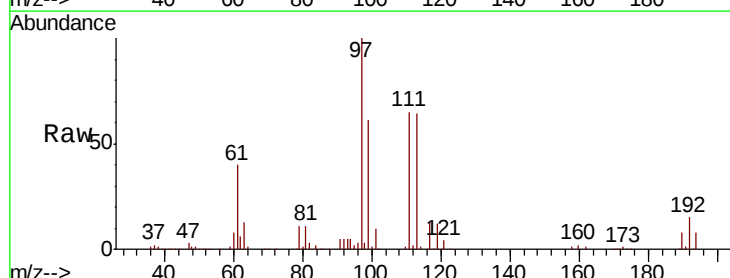
RT: 5.50 min Scan# 713

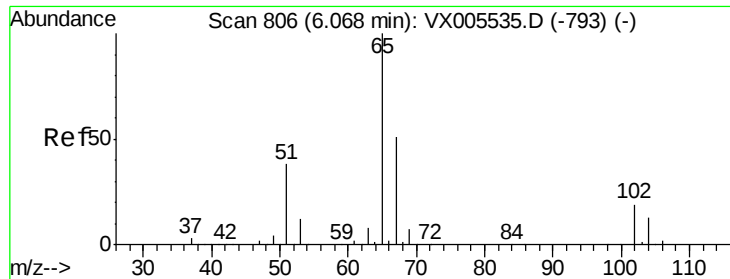
Delta R.T. 0.01 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Tgt Ion:	97	Resp:	167249
Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	43.5	34.9	52.3





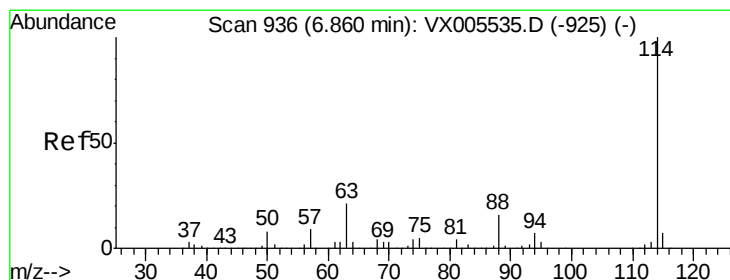
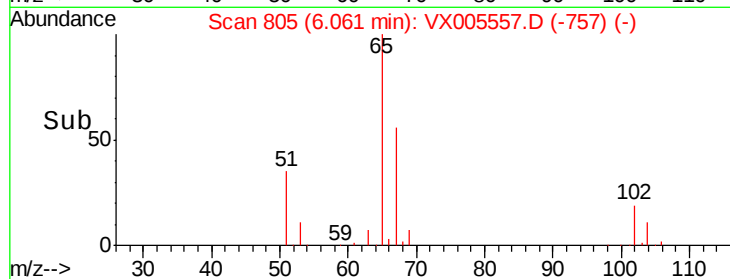
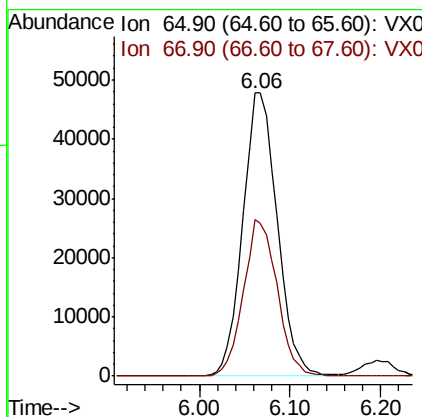
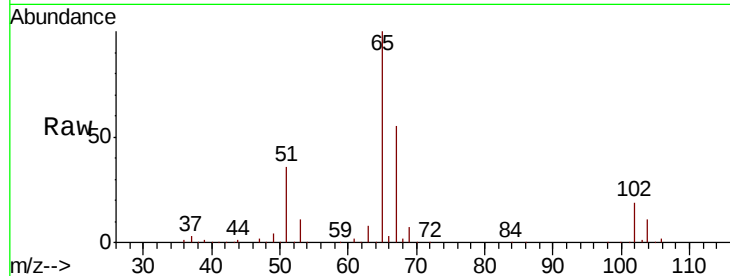
#33
 1,2-Dichloroethane-d4
 Concen: 49.999 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.8

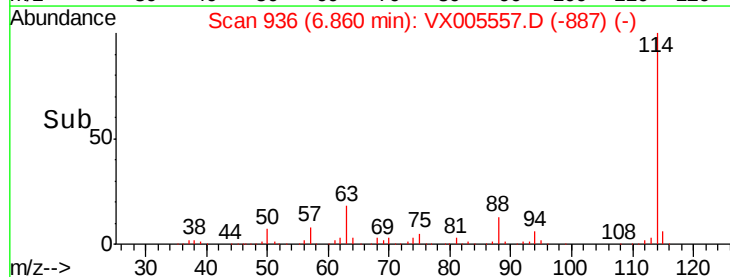
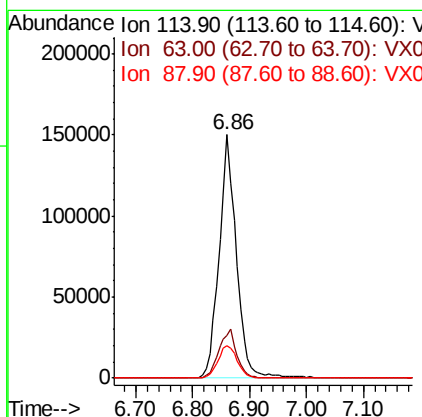
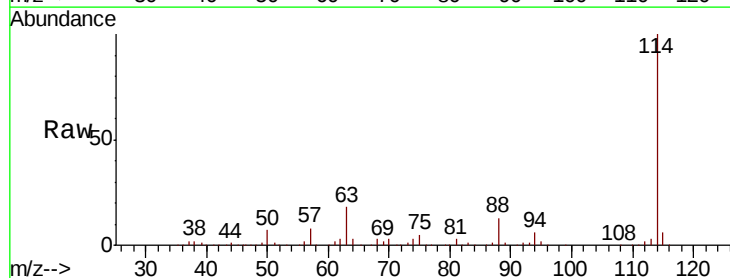
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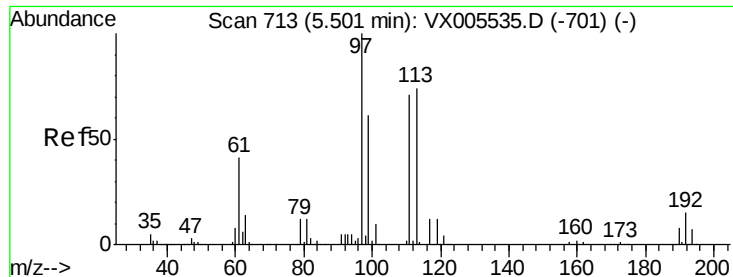
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	39.0
88	13.2	0.0	30.4





#35

Dibromofluoromethane

Concen: 46.573 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

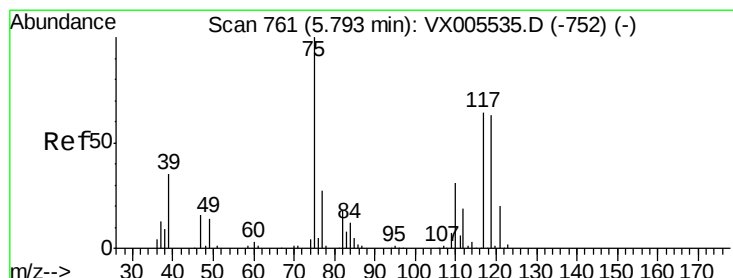
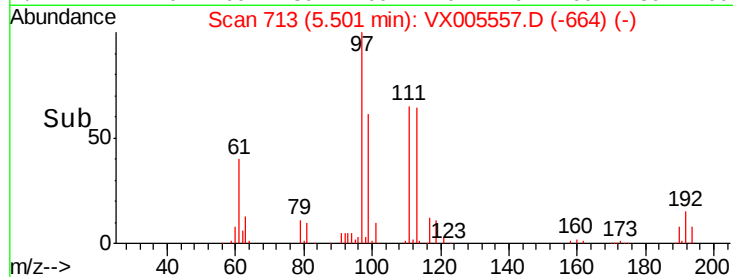
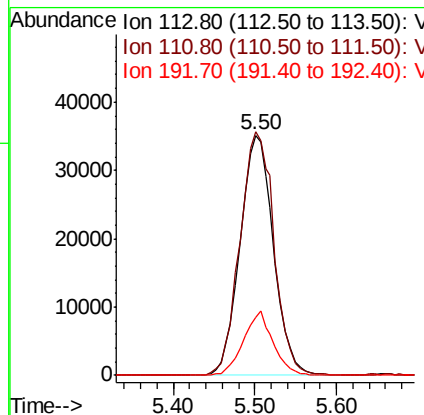
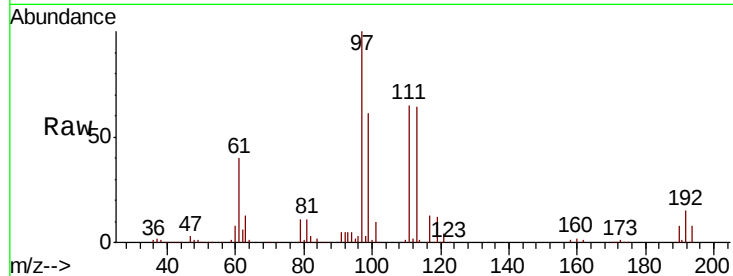
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	99673
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	23.6	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 44.888 ug/l

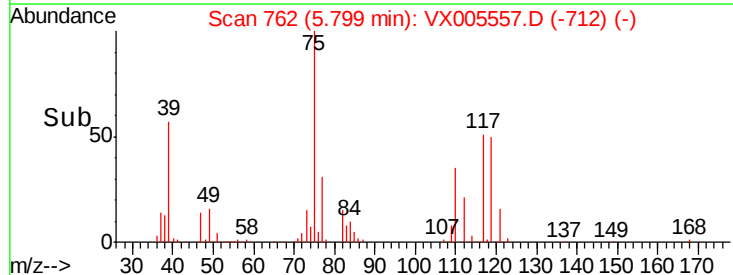
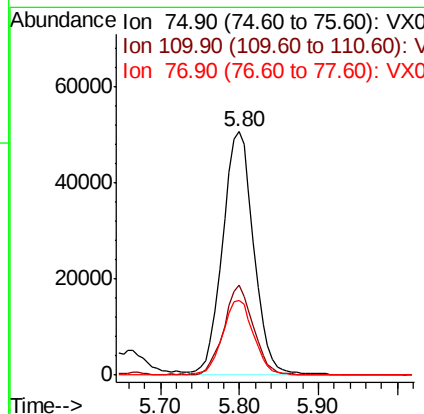
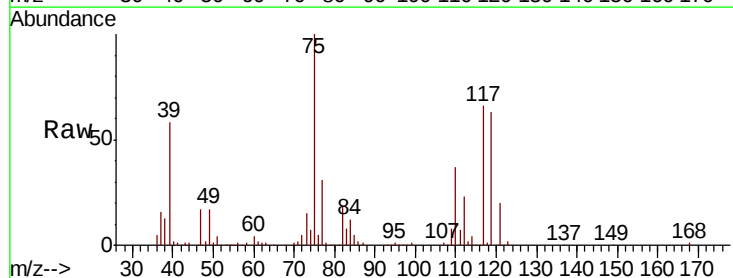
RT: 5.80 min Scan# 762

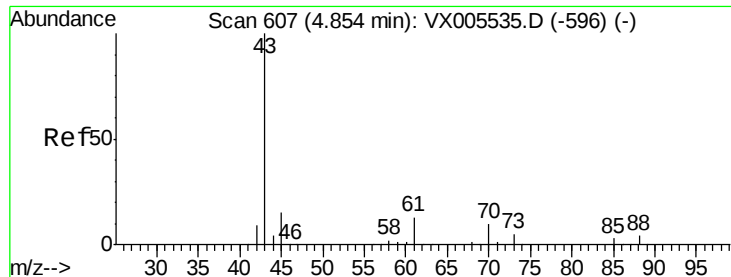
Delta R.T. 0.01 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Tgt Ion:	75	Resp:	137686
Ion	Ratio	Lower	Upper
75	100		
110	35.4	18.0	54.0
77	30.6	24.6	36.8





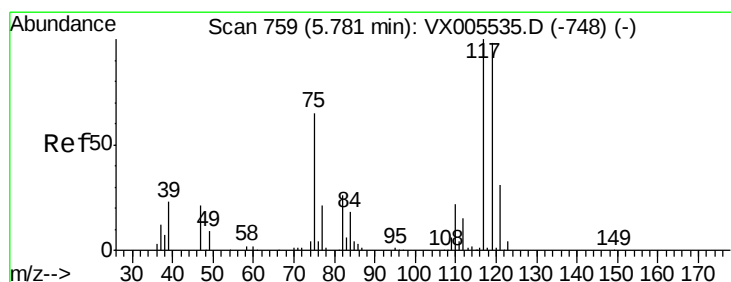
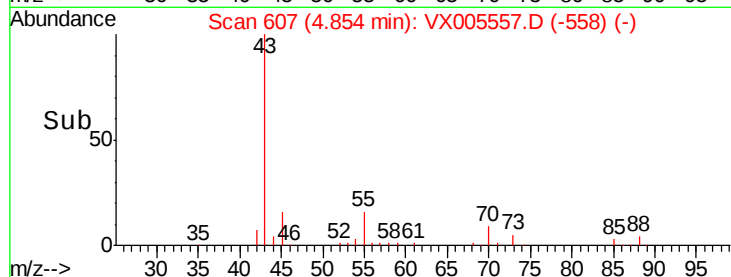
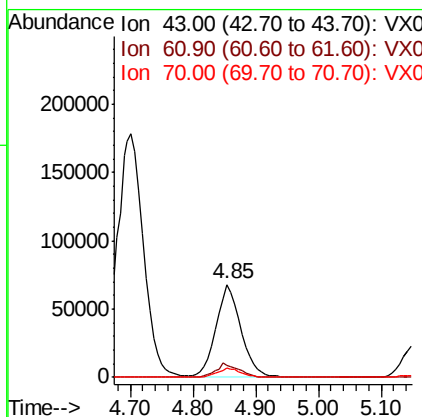
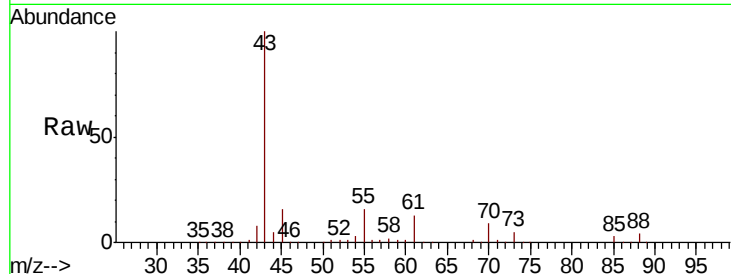
#37
Ethyl Acetate
Concen: 47.726 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	9.4	9.0	13.6

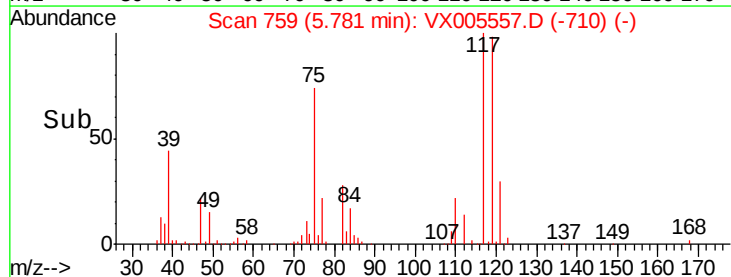
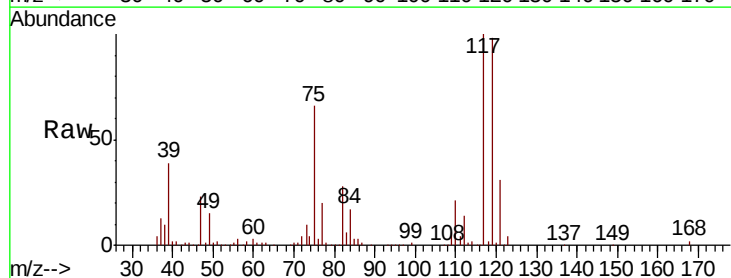
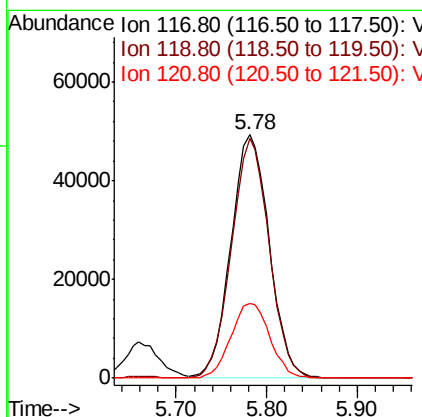
Manual Integrations
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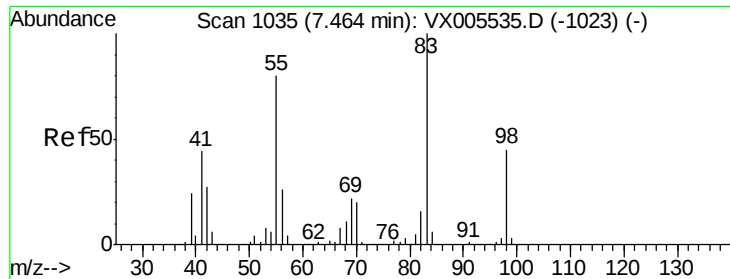
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#38
Carbon Tetrachloride
Concen: 44.582 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.8	118.2
121	30.8	24.9	37.3





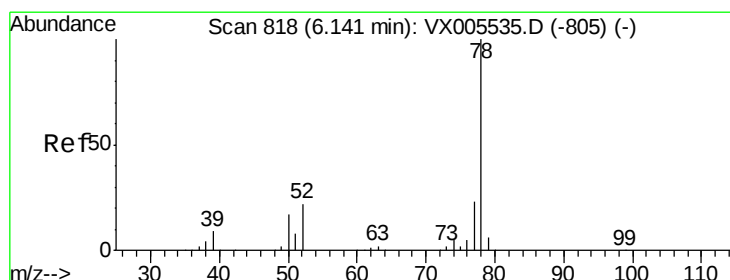
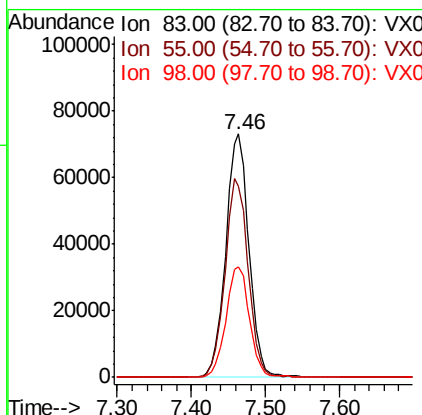
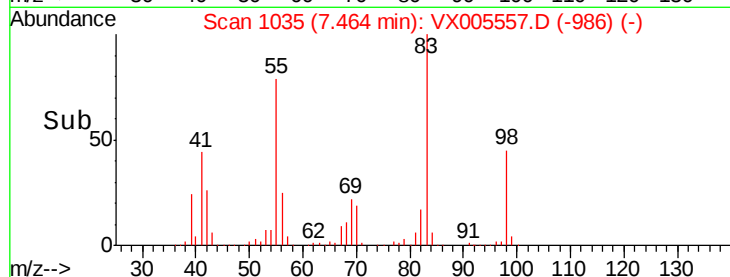
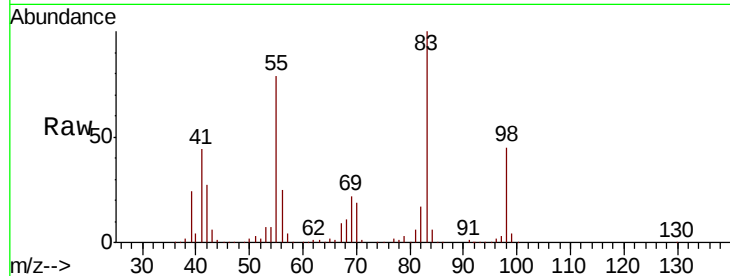
#39
Methvlcvclohexane
Concen: 47.033 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	159301		
55	78.4		61.0	91.4
98	45.2		39.6	59.4

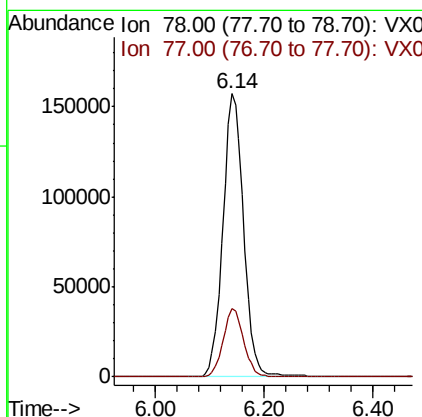
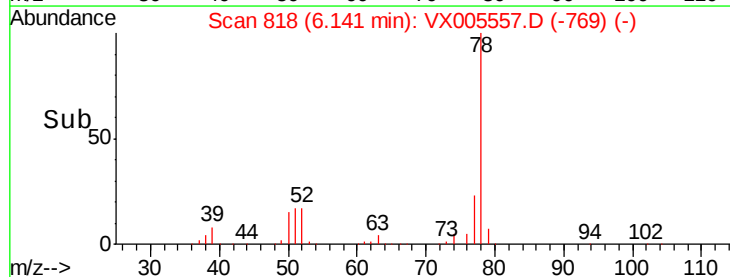
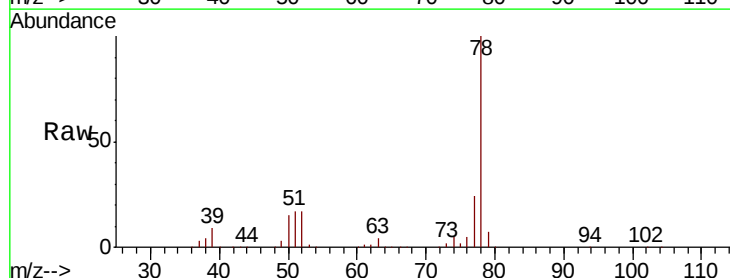
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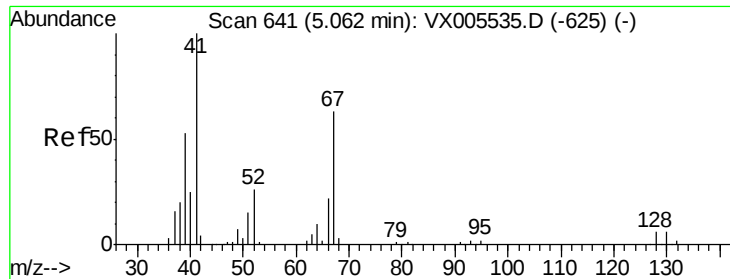
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#40
Benzene
Concen: 47.252 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	415481		
77	24.0		19.0	28.4





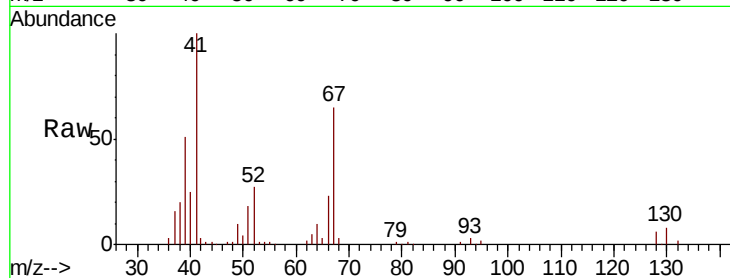
#41
Methacrylonitrile
Concen: 46.283 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

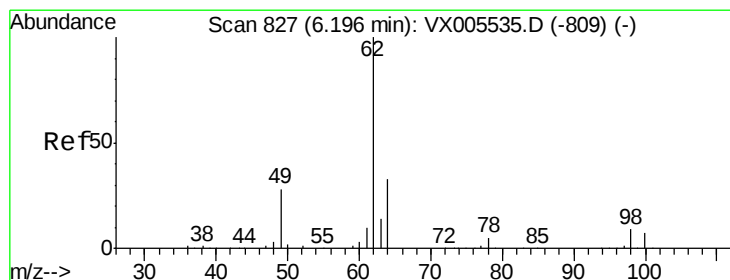
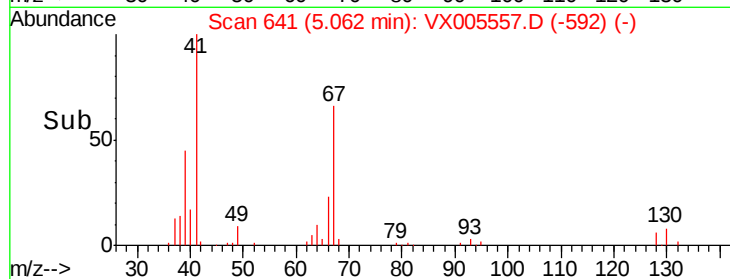
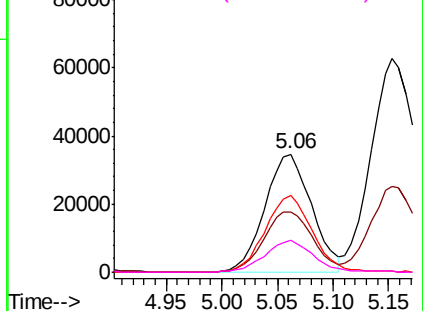
Tot Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.4	63.6
67	65.9	59.2	88.8
52	27.4	23.0	34.4

Manual Integrations
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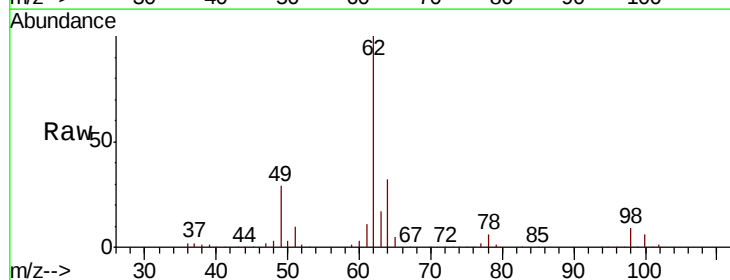


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

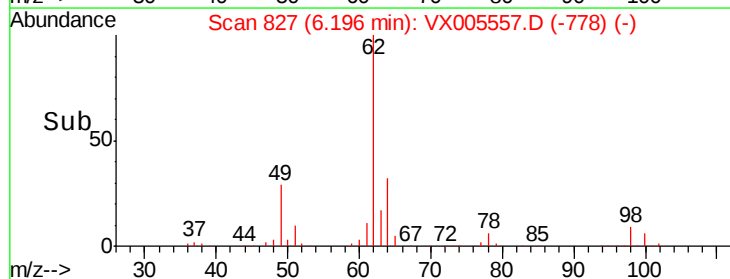
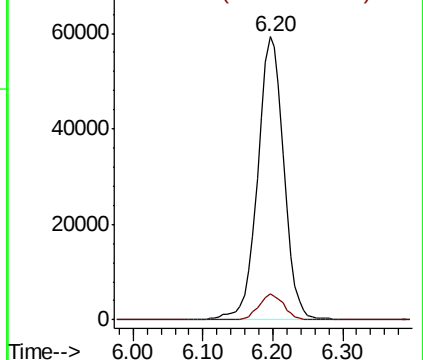


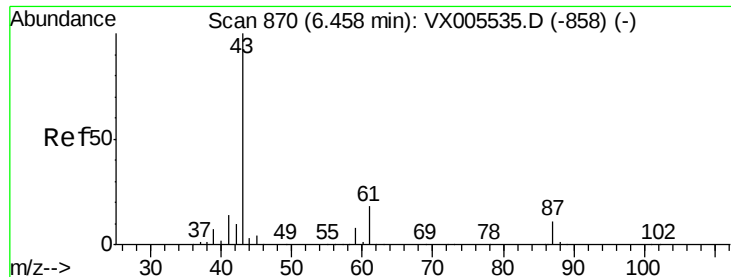
#42
1,2-Dichloroethane
Concen: 46.048 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

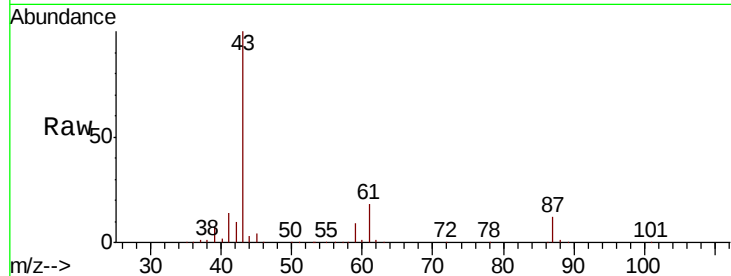
Isopropyl Acetate
 Concen: 46.983 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

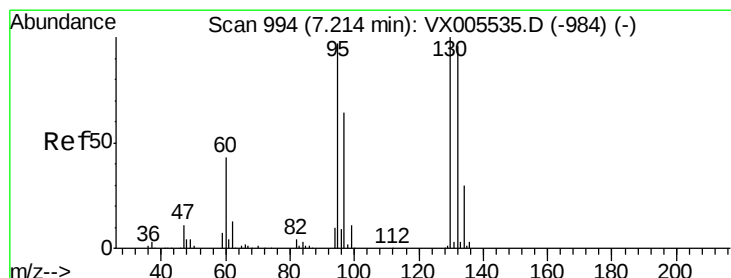
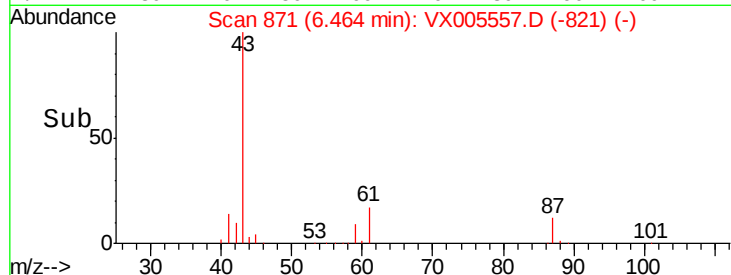
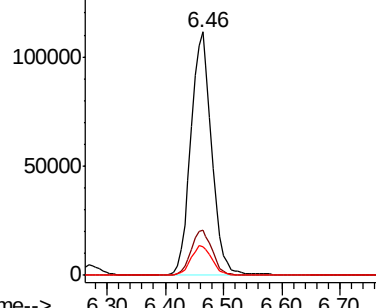
Tot Ion:	43	Resp:	275571
Ion	Ratio	Lower	Upper
43	100		
61	18.9	17.0	25.4
87	12.4	11.4	17.2

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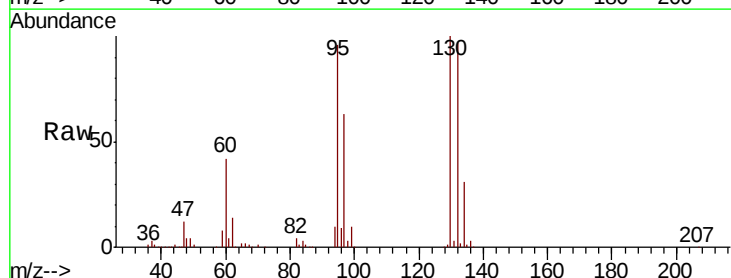
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



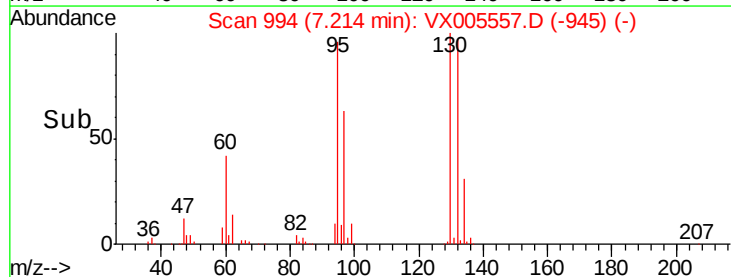
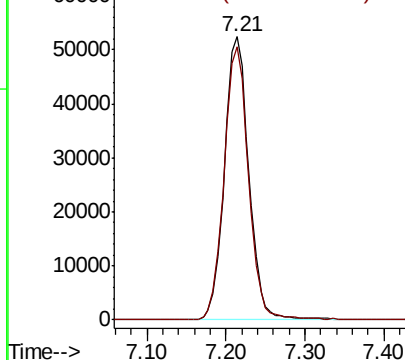
#44

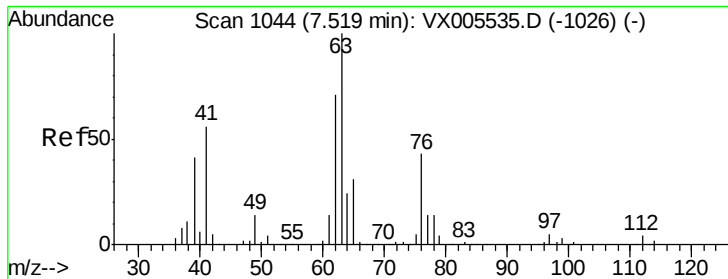
Trichloroethene
 Concen: 47.161 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Tgt Ion:	130	Resp:	112968
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	181.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.543 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 112390

Ion Ratio Lower Upper

63 100

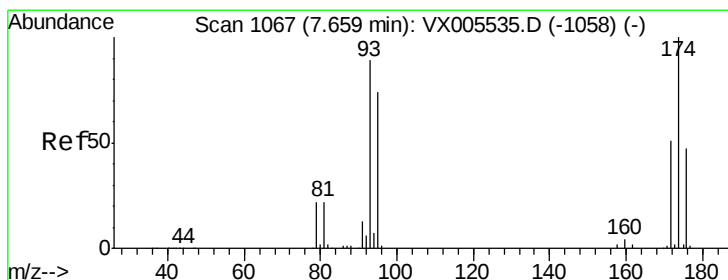
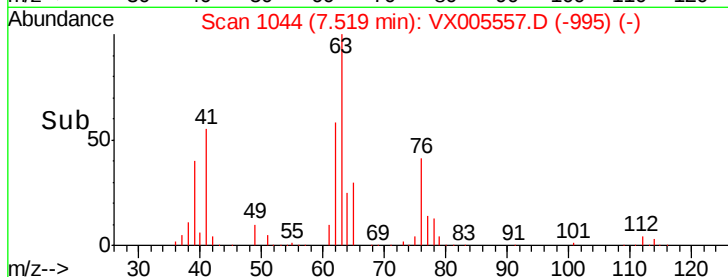
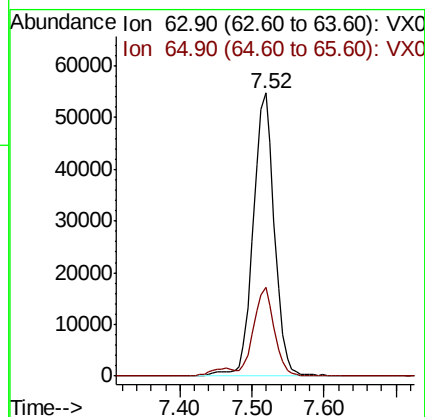
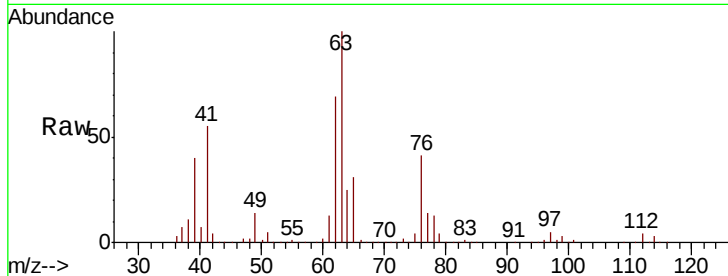
65 31.2 24.3 36.5

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#46

Dibromomethane

Concen: 47.347 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

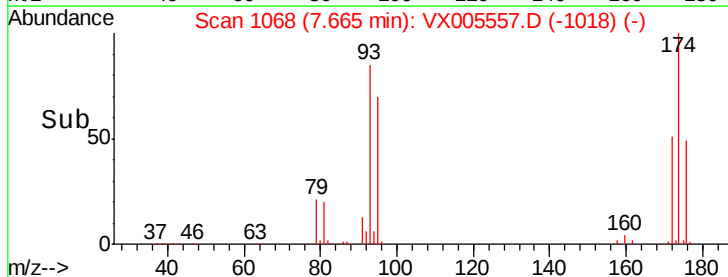
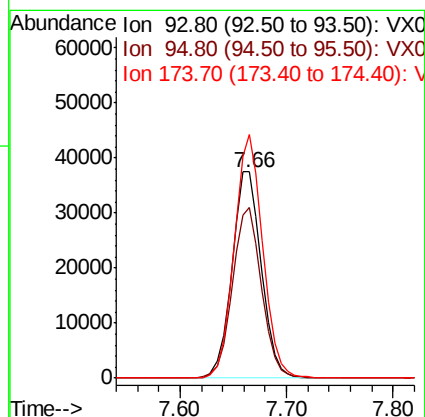
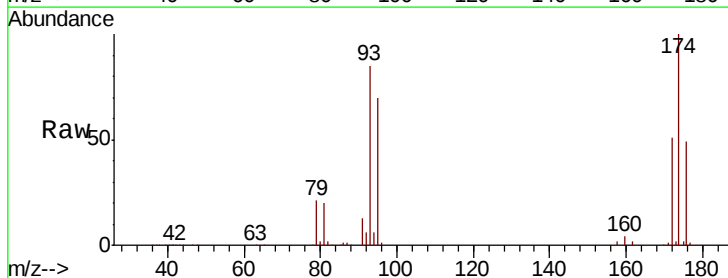
Tgt Ion: 93 Resp: 72289

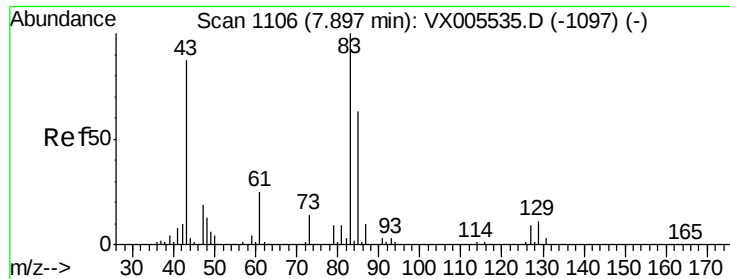
Ion Ratio Lower Upper

93 100

95 82.4 65.5 98.3

174 115.1 94.2 141.4





#47

Bromodichloromethane

Concen: 47.640 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

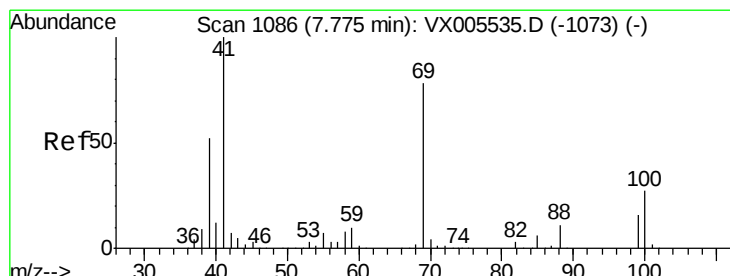
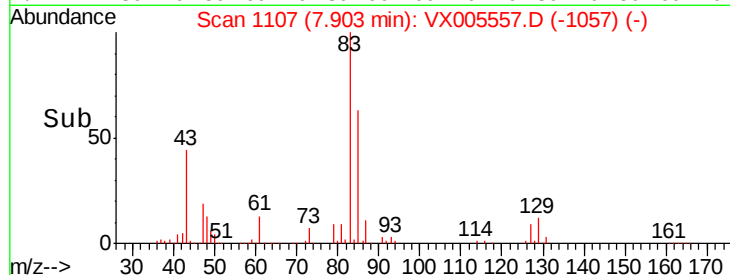
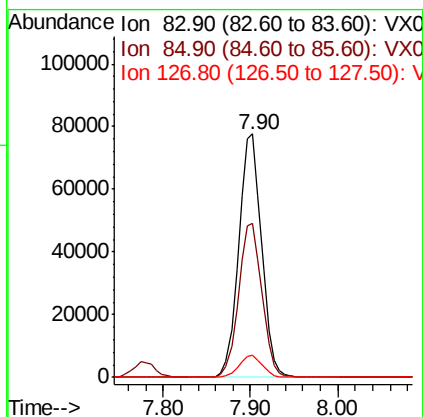
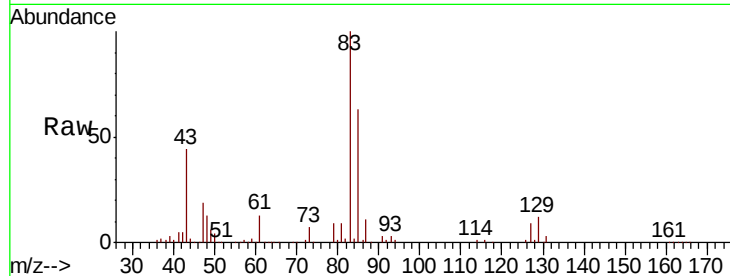
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	141170
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.9	76.3
127	9.2	7.3	10.9

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#48

Methyl methacrylate

Concen: 50.632 ug/l

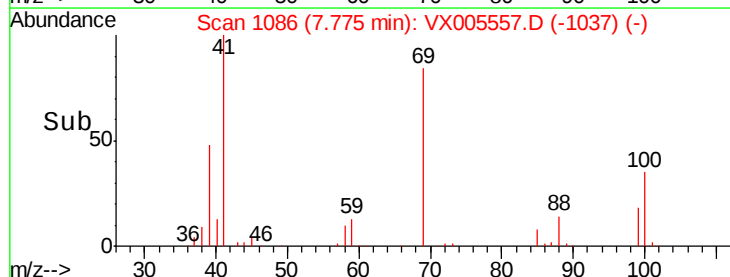
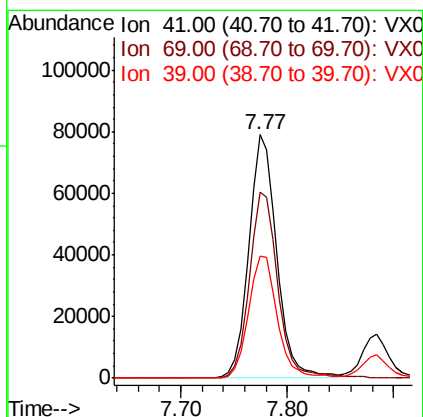
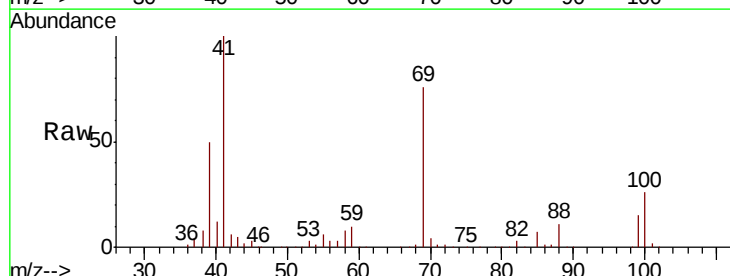
RT: 7.77 min Scan# 1086

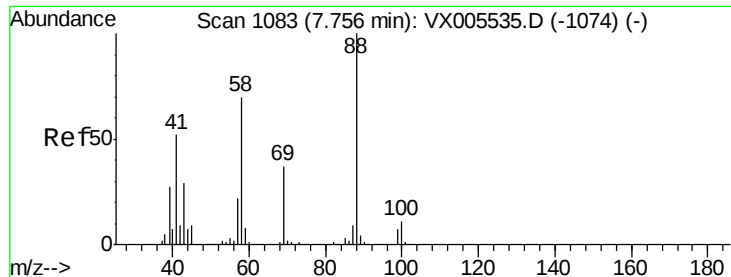
Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Tgt Ion:	41	Resp:	144676
Ion Ratio	Lower	Upper	
41	100		
69	78.3	70.2	105.4
39	51.6	42.7	64.1





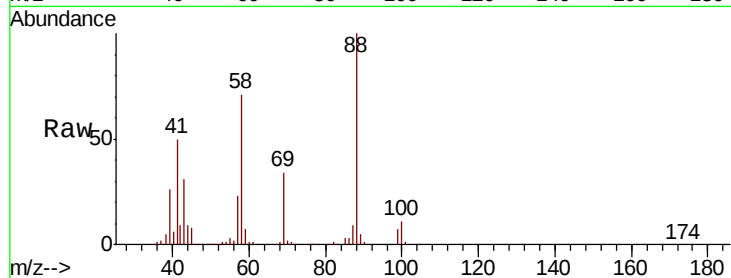
#49
1,4-Dioxane
Concen: 998.305 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

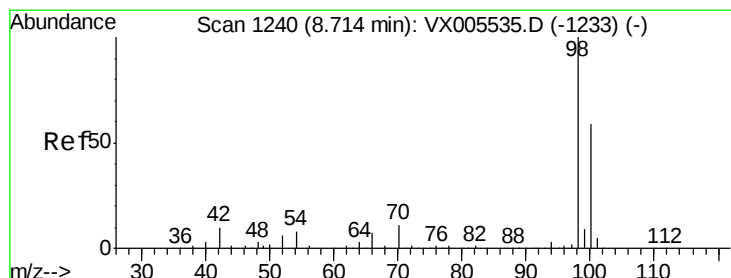
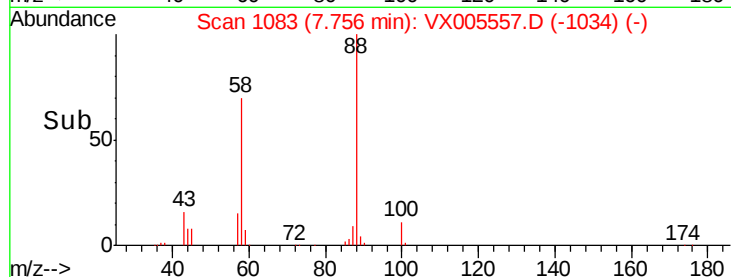
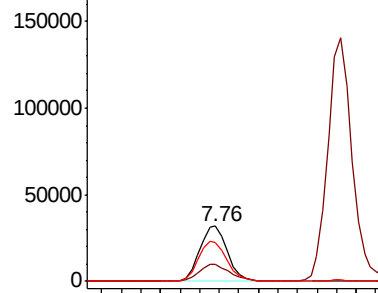
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	24.7	37.1
58	75.2	55.3	82.9

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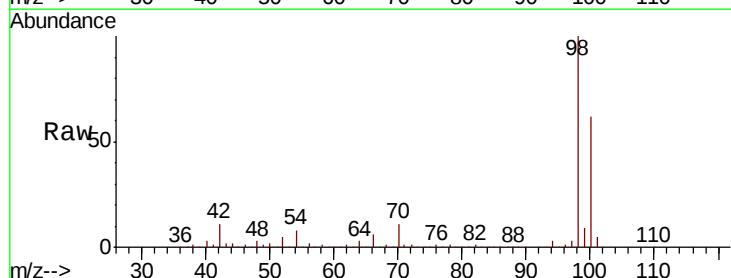


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

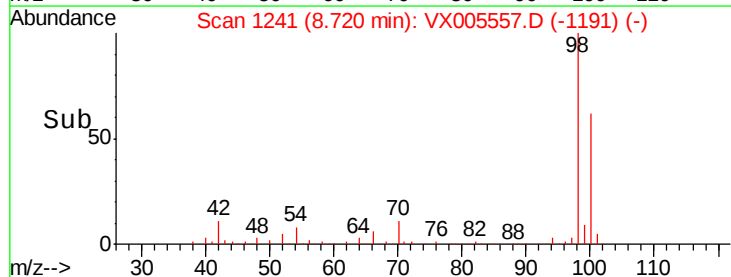
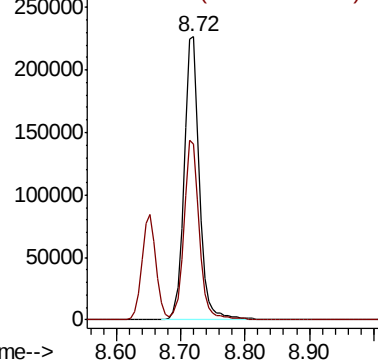


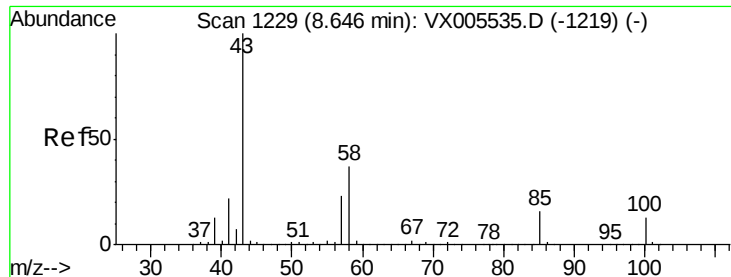
#50
Toluene-d8
Concen: 48.961 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 248.957 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 981369

Ion Ratio Lower Upper

43 100

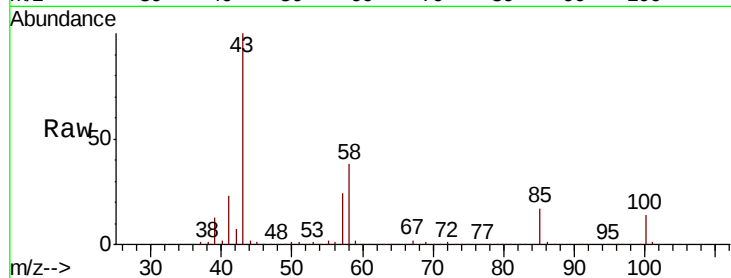
58 37.2 33.1 49.7

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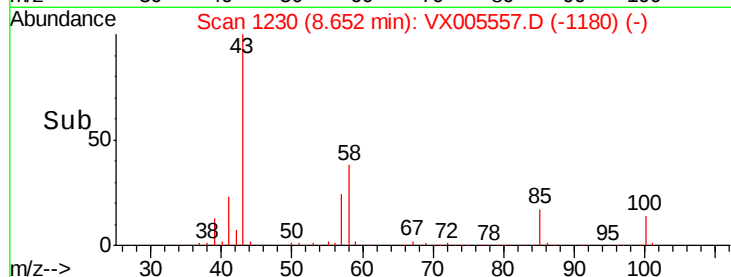
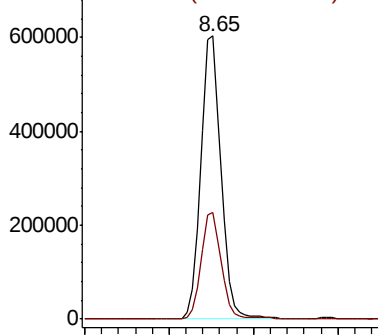
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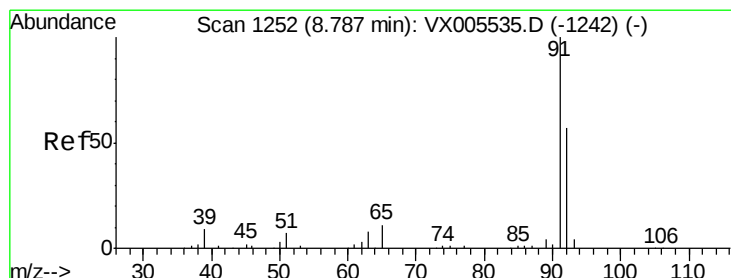


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 48.654 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005557.D

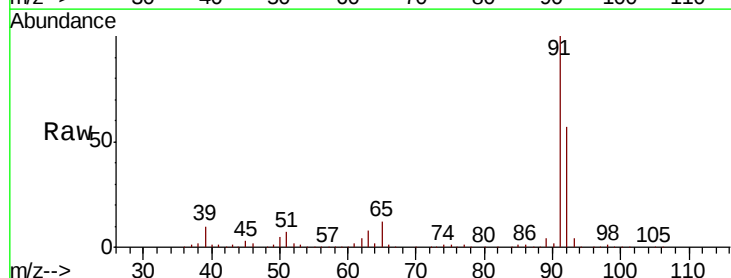
Acq: 24 Oct 2018 22:45

Tgt Ion: 92 Resp: 260000

Ion Ratio Lower Upper

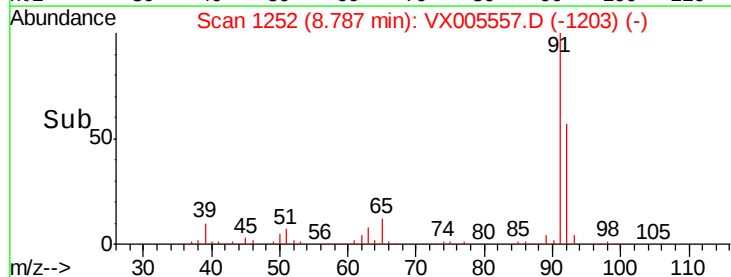
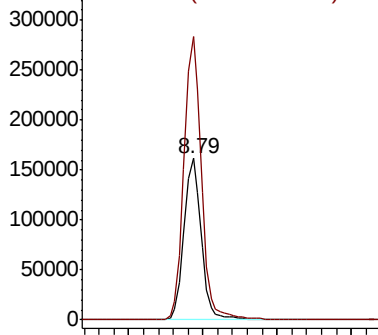
92 100

91 176.8 136.4 204.6

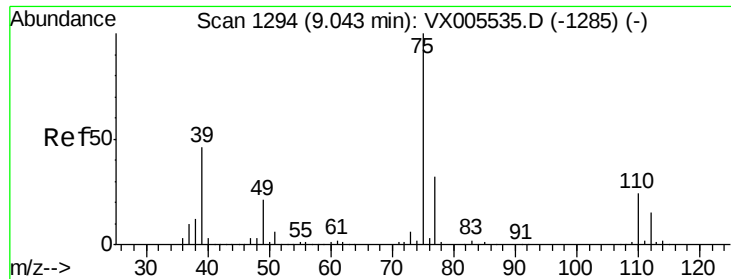


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



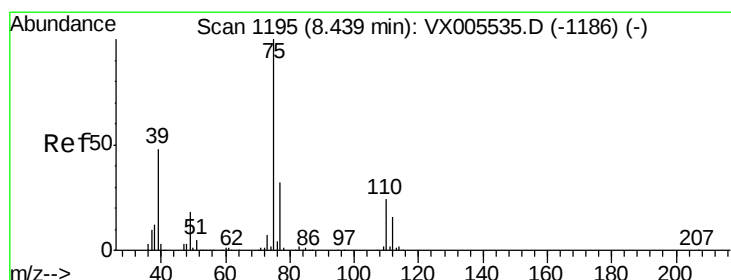
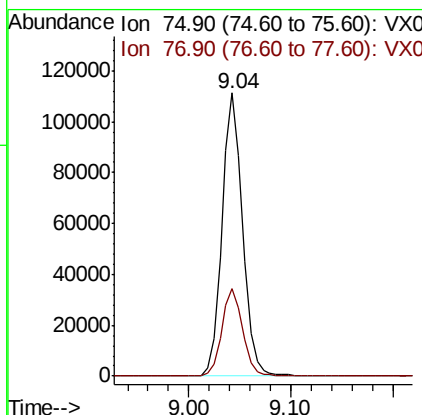
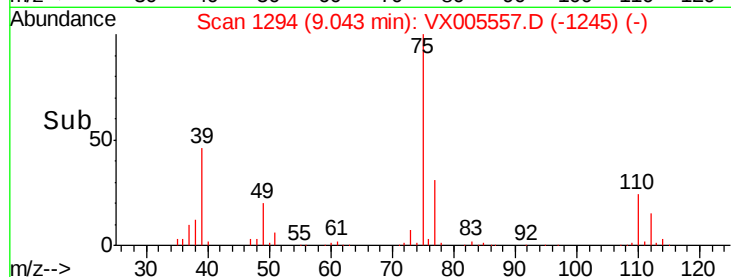
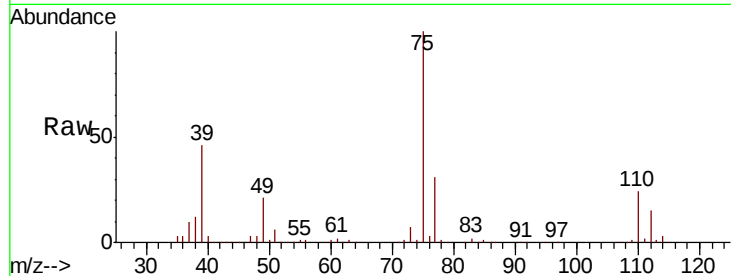
#53
t-1,3-Dichloropropene
Concen: 48.649 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.6	37.0

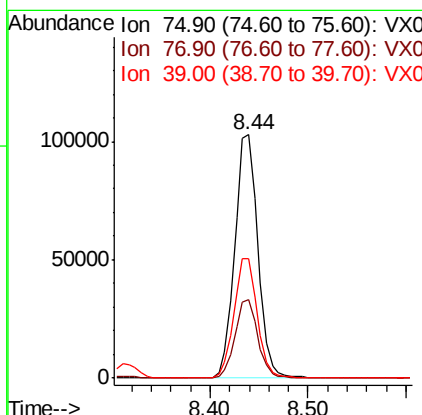
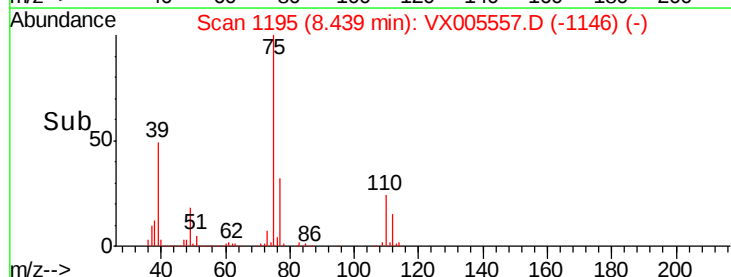
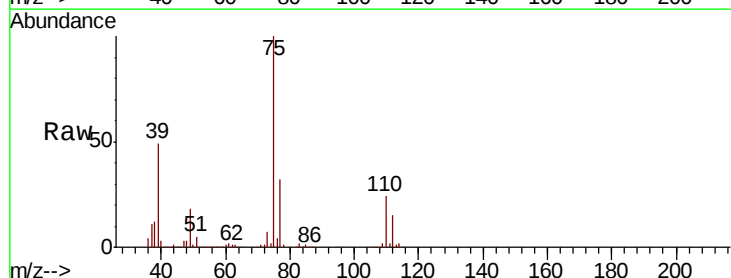
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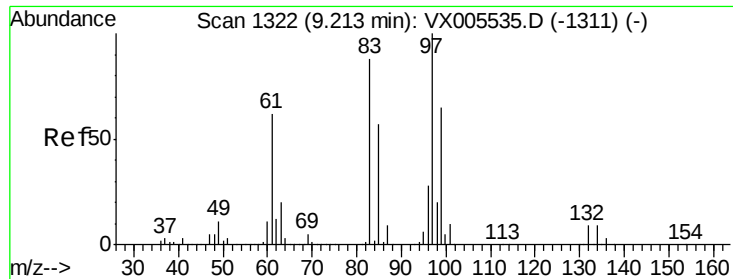
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#54
cis-1,3-Dichloropropene
Concen: 49.048 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.2
39	49.1	36.4	54.6





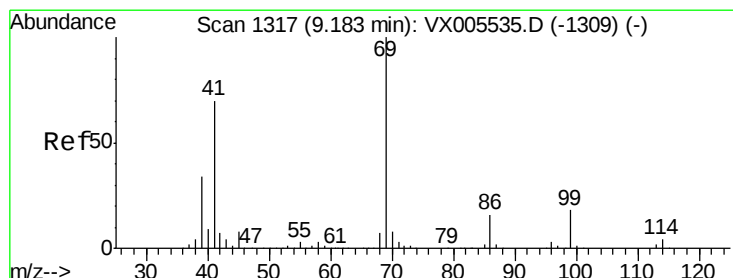
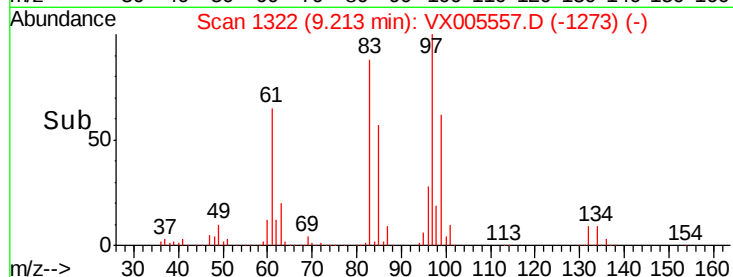
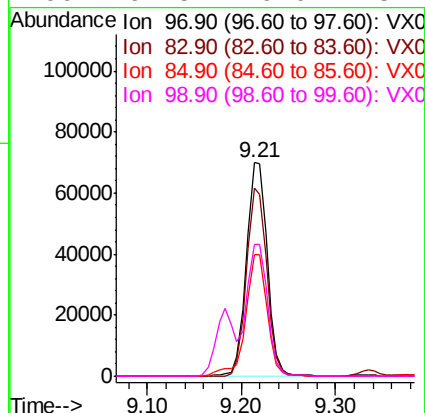
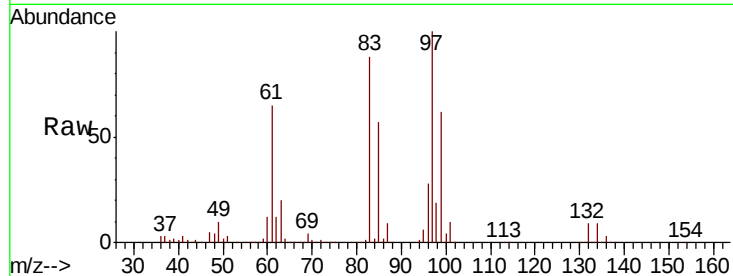
#55
 1,1,2-Trichloroethane
 Concen: 48.267 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	108744
Ion	Ratio	Lower	Upper
97	100		
83	87.8	66.4	99.6
85	57.1	43.3	64.9
99	61.5	49.0	73.4

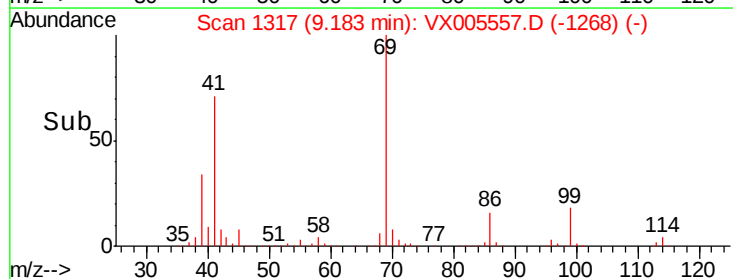
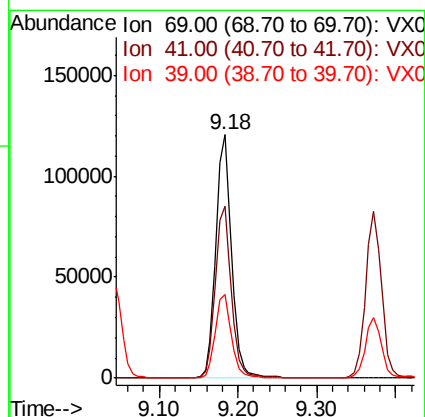
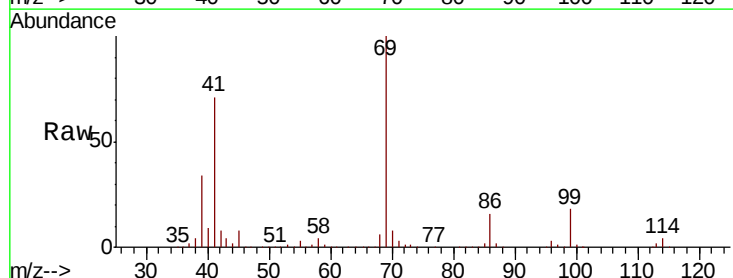
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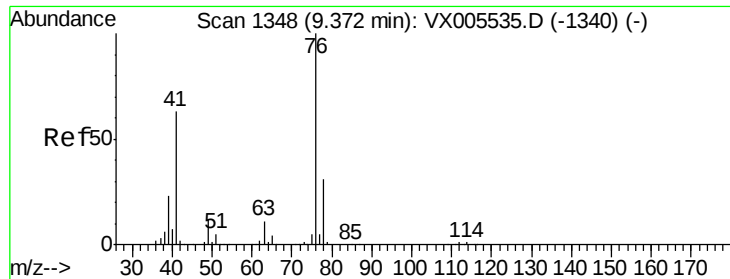
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#56
 Ethyl methacrylate
 Concen: 50.490 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Tgt Ion:	69	Resp:	169674
Ion	Ratio	Lower	Upper
69	100		
41	71.4	51.0	76.4
39	35.2	26.1	39.1





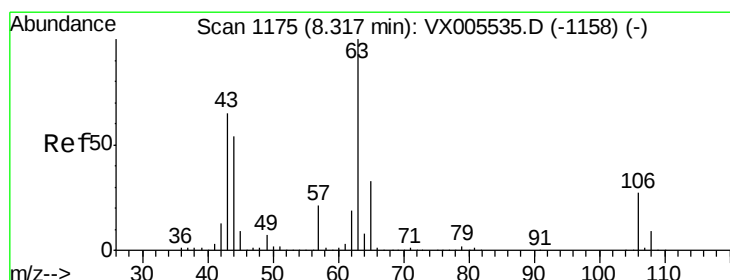
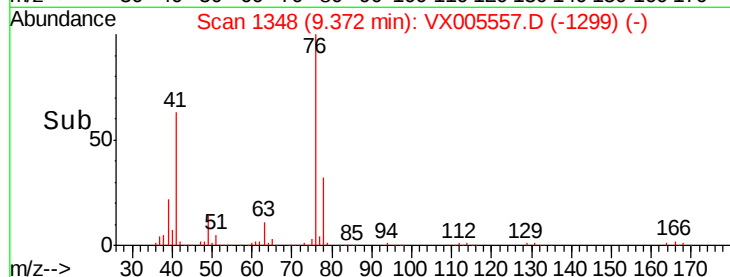
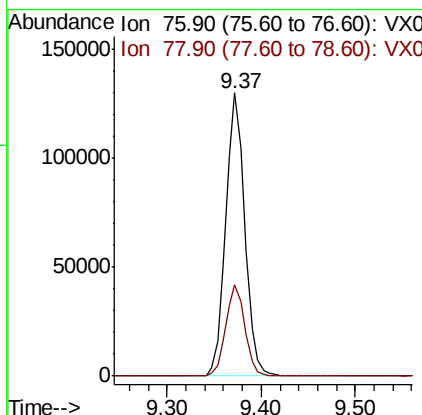
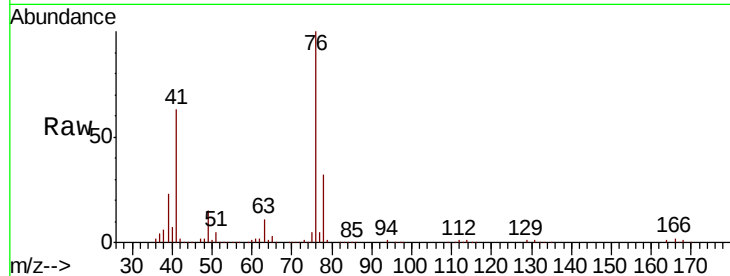
#57
 1,3-Dichloropropane
 Concen: 48.067 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.5	38.3

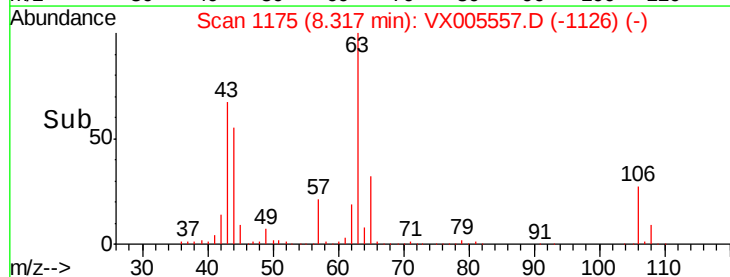
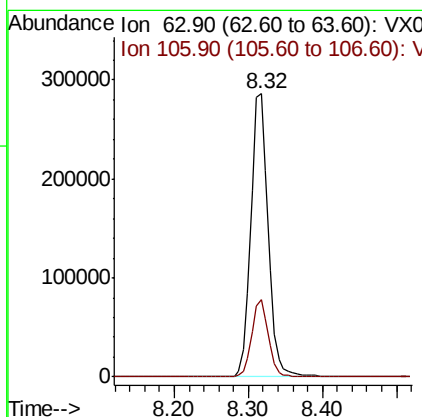
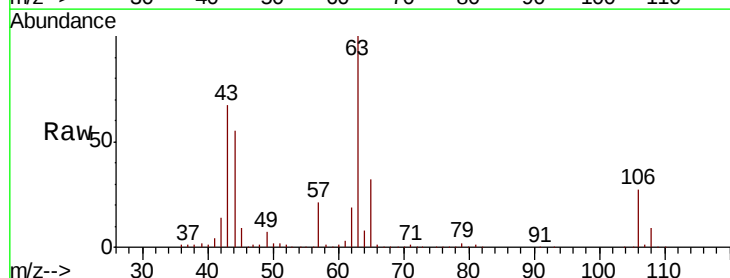
Manual Integrations
 APPROVED

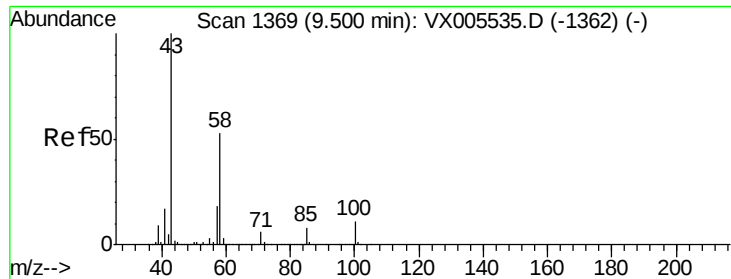
MMDadoda
 10/26/2018 11:53:51 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.792 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.4	23.9	35.9





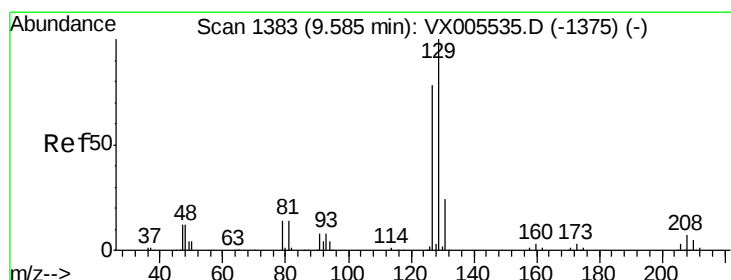
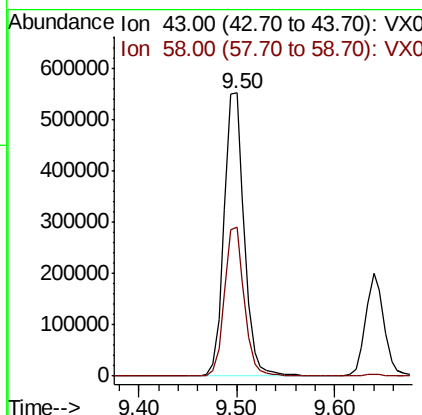
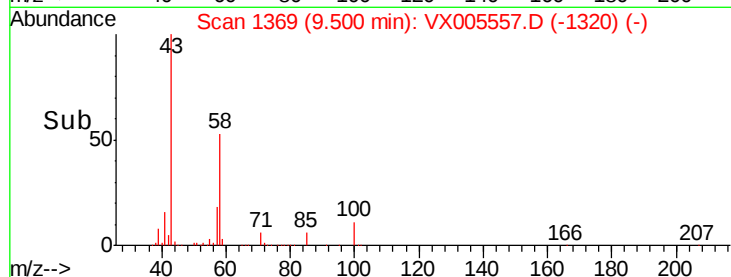
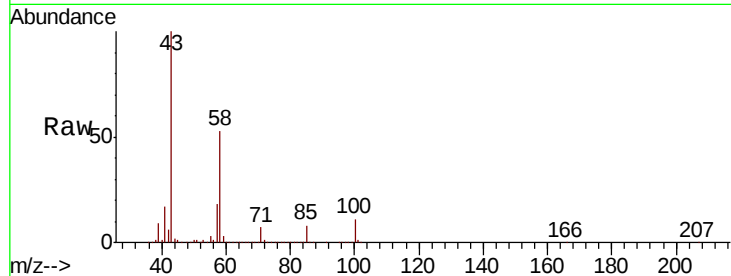
#59
2-Hexanone
Concen: 253.315 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 787305
Ion Ratio Lower Upper
43 100
58 52.0 29.0 87.0

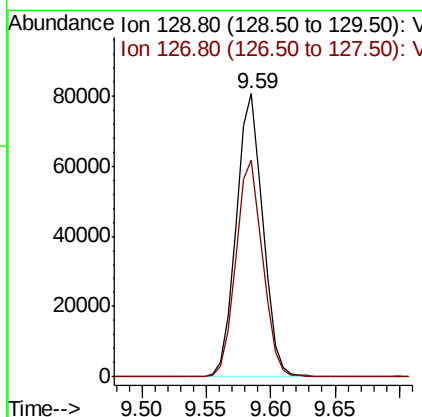
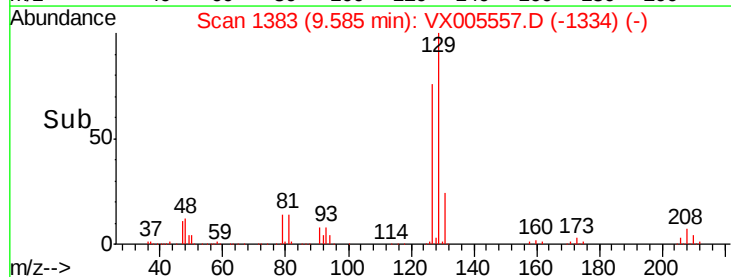
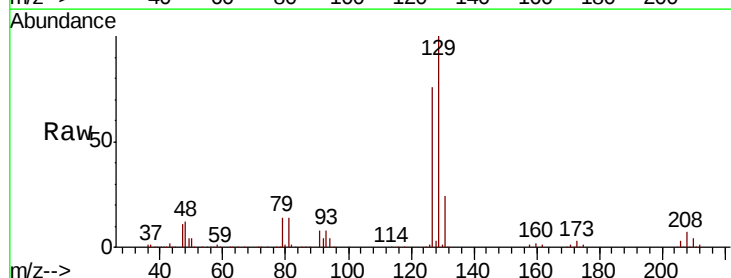
Manual Integrations
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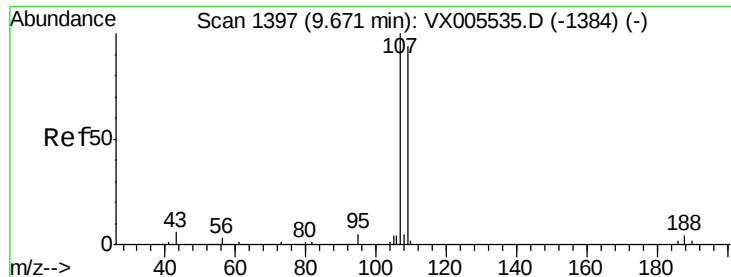
MMDadoda
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#60
Dibromochloromethane
Concen: 49.200 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion: 129 Resp: 115652
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.573 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 113215

Ion Ratio Lower Upper

107 100

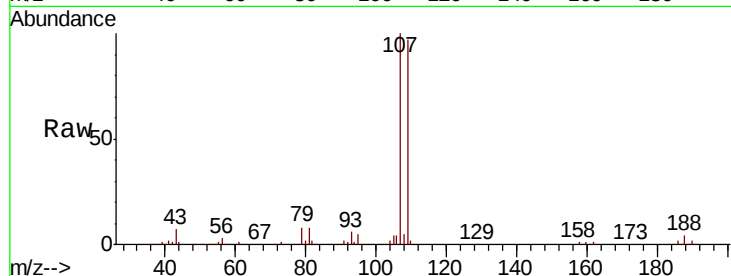
109 94.7 76.0 114.0

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

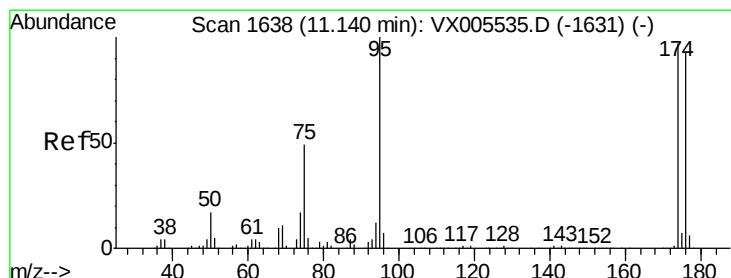
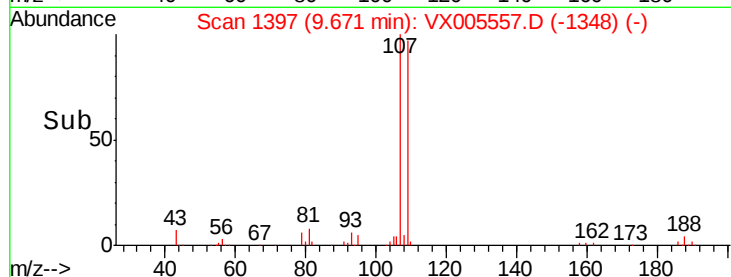
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 48.432 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

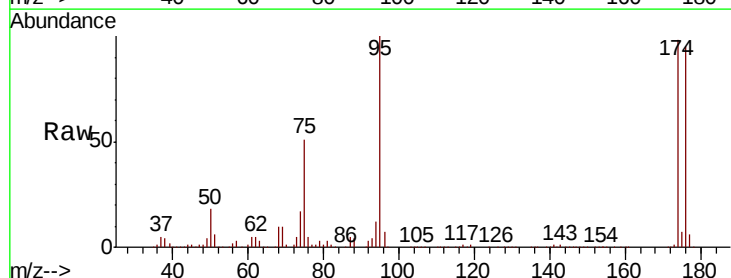
Tgt Ion: 95 Resp: 140652

Ion Ratio Lower Upper

95 100

174 91.6 0.0 185.2

176 89.3 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

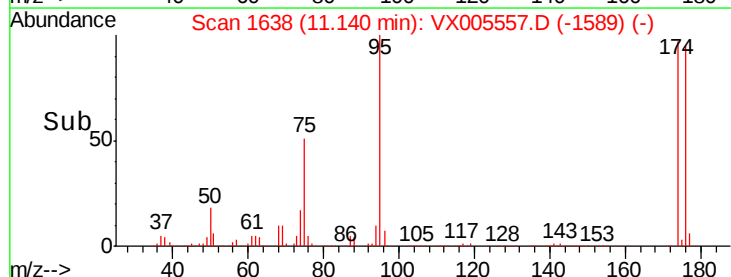
100000

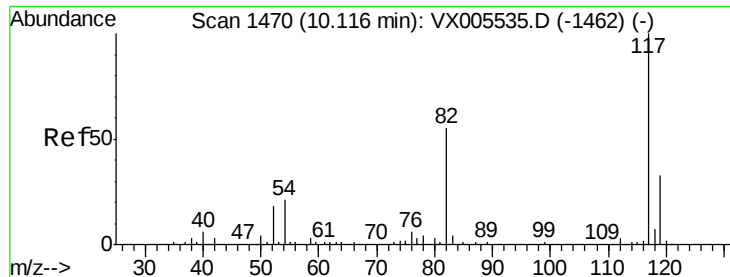
50000

0

11.10 11.20

Time-->





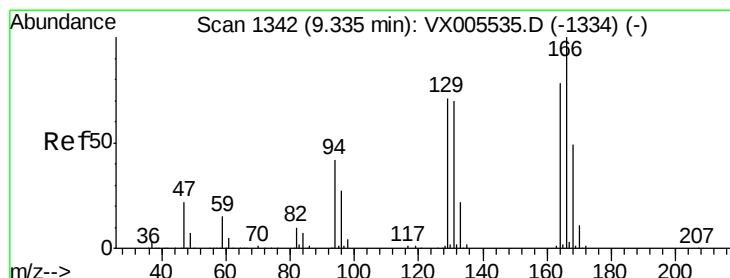
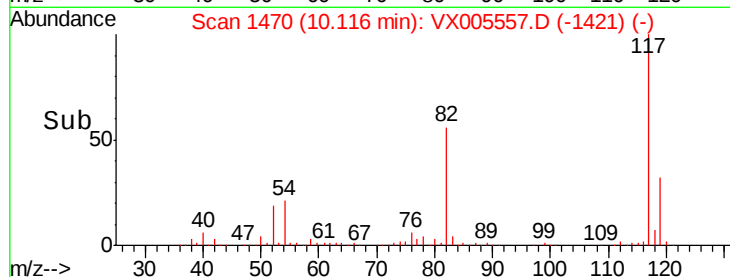
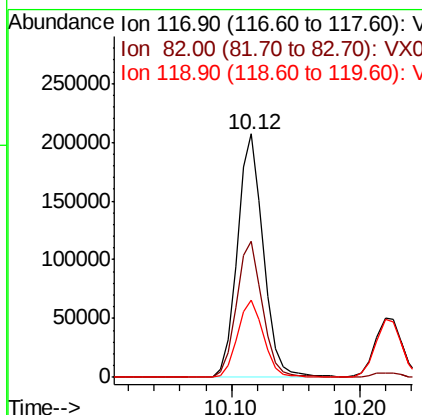
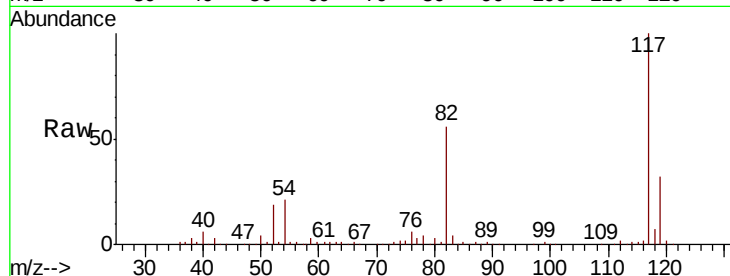
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	47.8	71.6
119	32.0	29.3	43.9

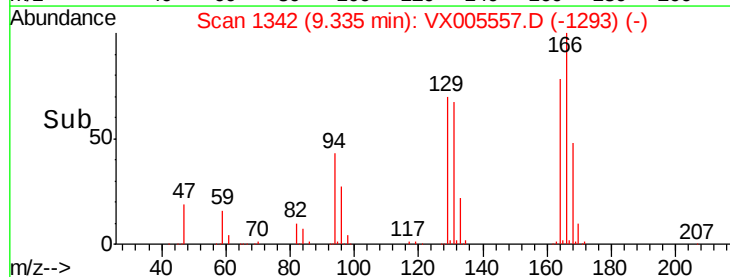
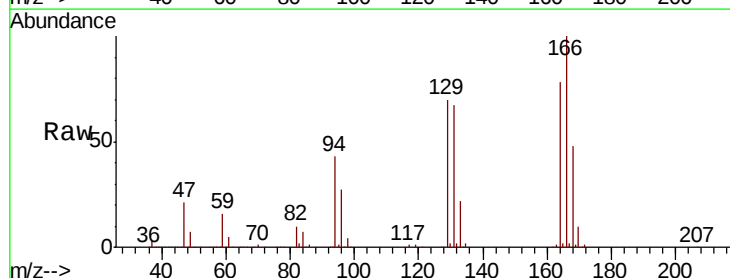
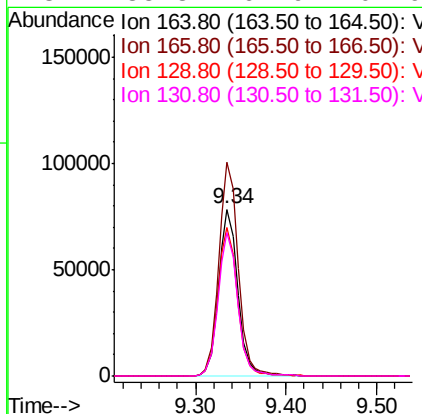
Manual Integrations
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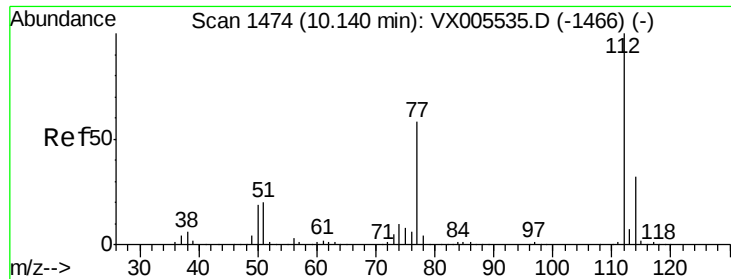
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#64
Tetrachloroethene
Concen: 48.867 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.8	154.2
129	89.5	69.4	104.0
131	85.8	67.9	101.9





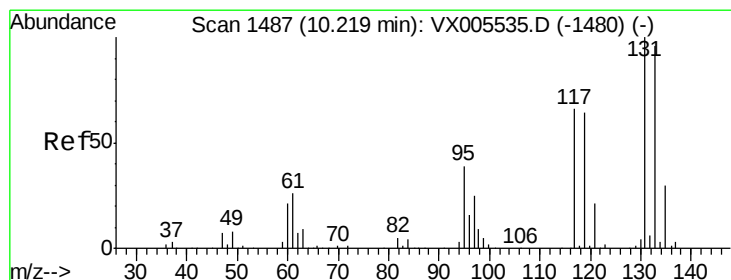
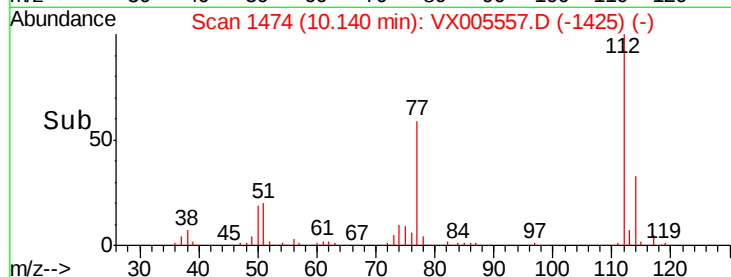
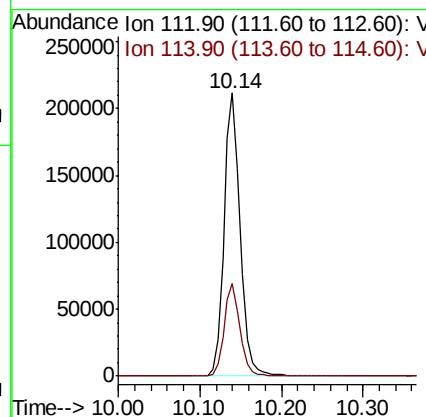
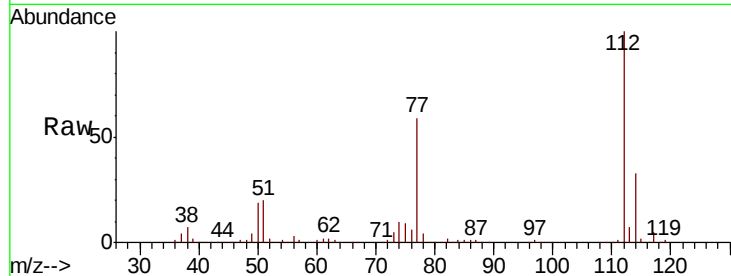
#65
Chlorobenzene
Concen: 47.643 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 292680
Ion Ratio Lower Upper
112 100
114 32.7 27.8 41.8

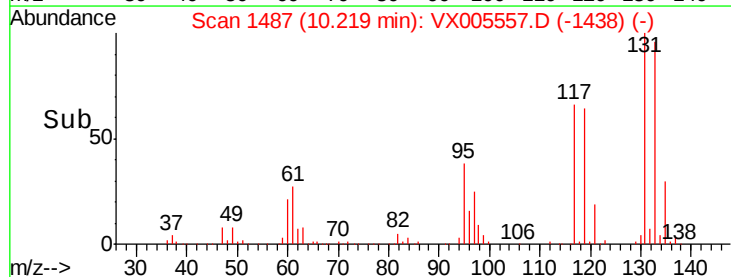
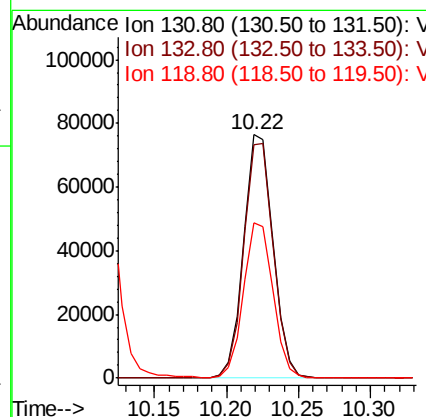
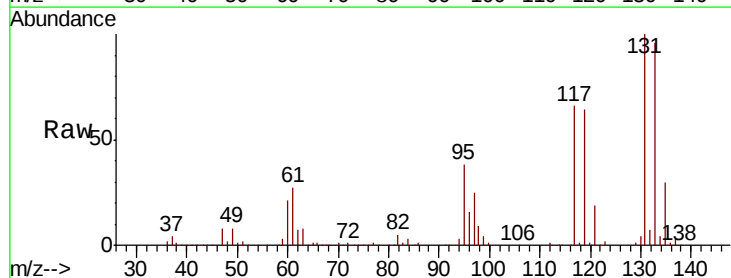
Manual Integrations
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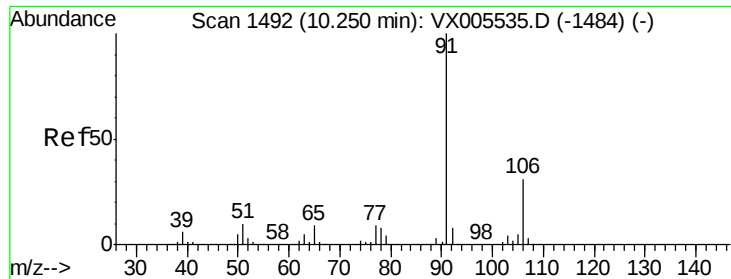
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.392 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion:131 Resp: 108396
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.4
119 64.2 32.9 98.6





#67

Ethyl Benzene

Concen: 50.461 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 510019

Ion Ratio Lower Upper

91 100

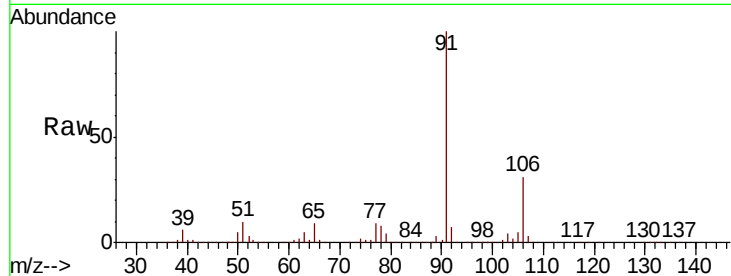
106 30.7 25.9 38.9

Manual Integrations

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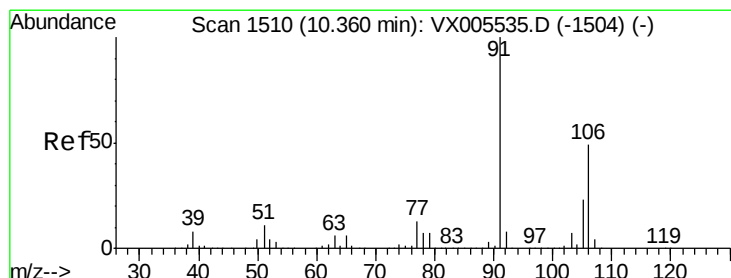
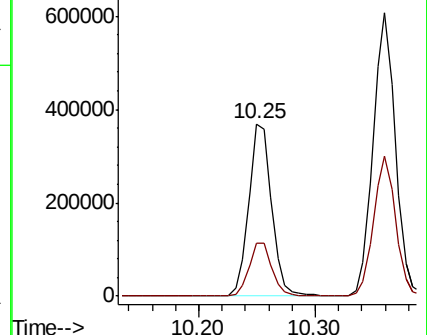
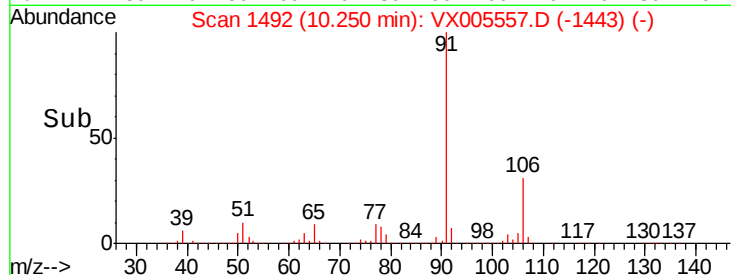
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX005535.D (-1484) (-)



#68

m/p-Xylenes

Concen: 101.493 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005557.D

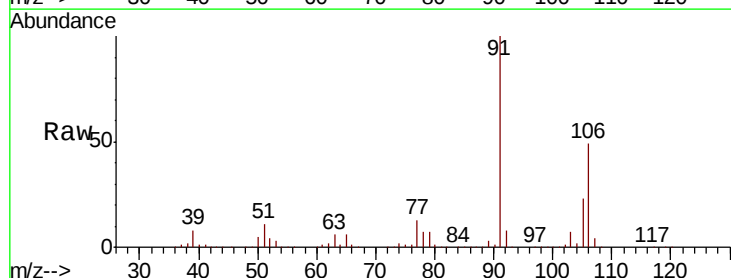
Acq: 24 Oct 2018 22:45

Tgt Ion: 106 Resp: 397988

Ion Ratio Lower Upper

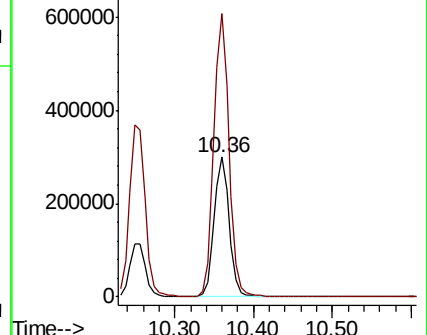
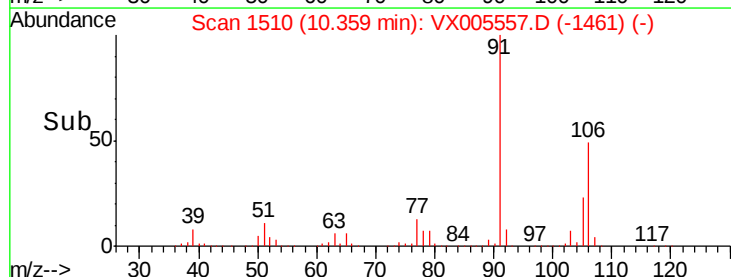
106 100

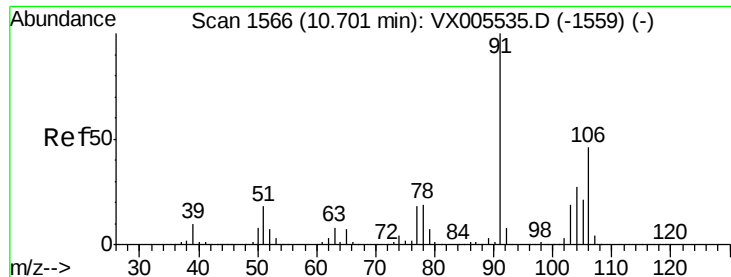
91 204.4 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): VX005535.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX005535.D (-1504) (-)





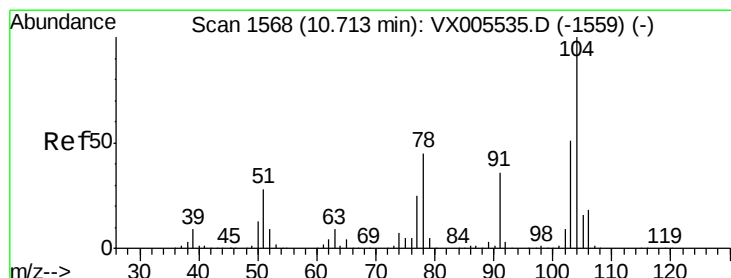
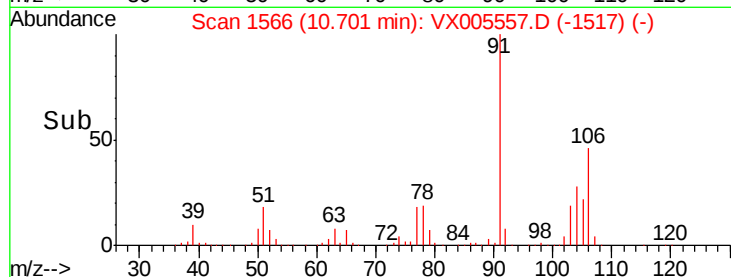
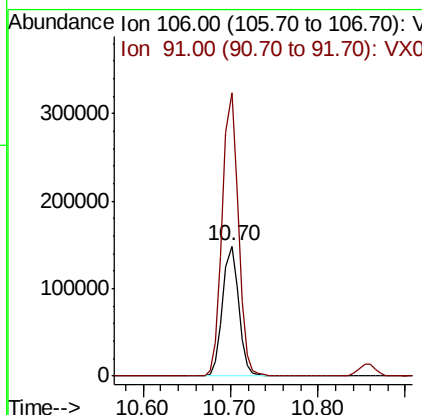
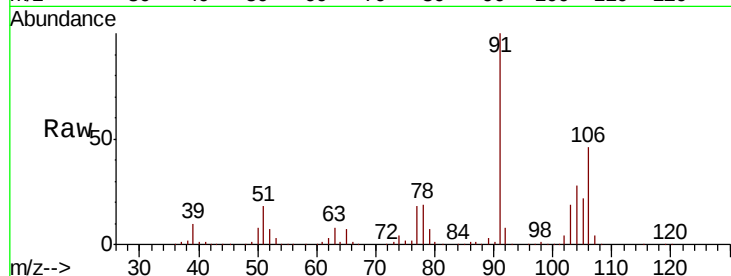
#69
o-Xylene
Concen: 51.307 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	217.1	105.1	315.1	

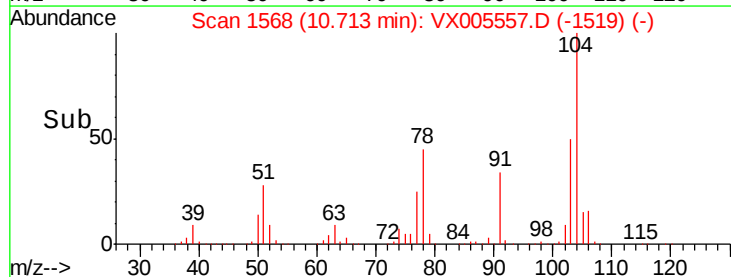
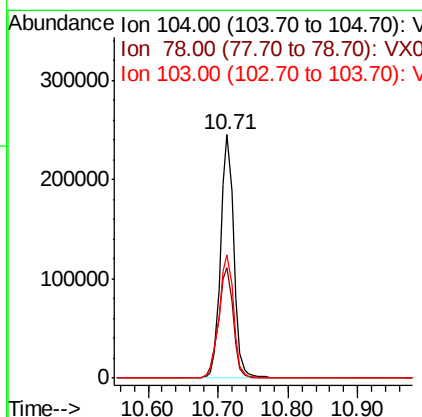
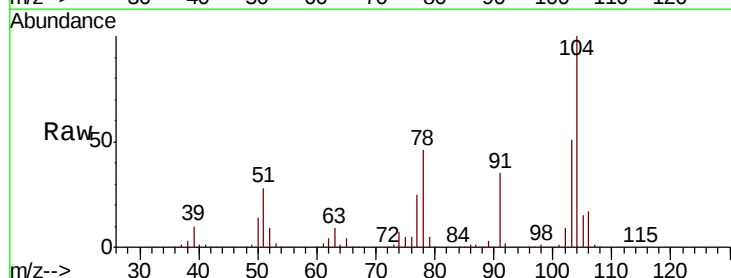
Manual Integrations
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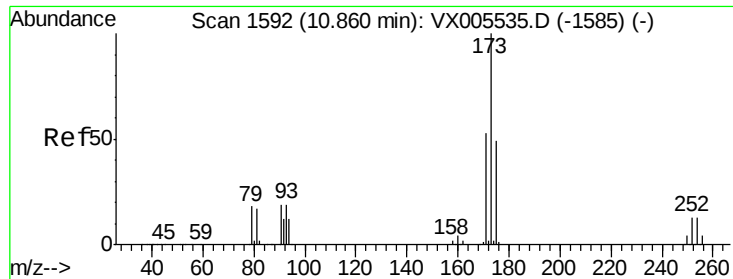
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#70
Styrene
Concen: 52.141 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.0	37.4	56.0	
103	55.9	43.8	65.6	





#71

Bromoform

Concen: 47.932 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

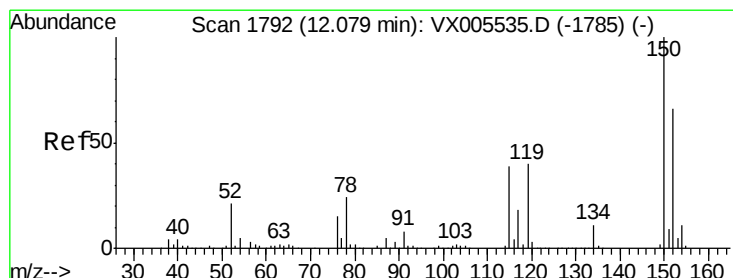
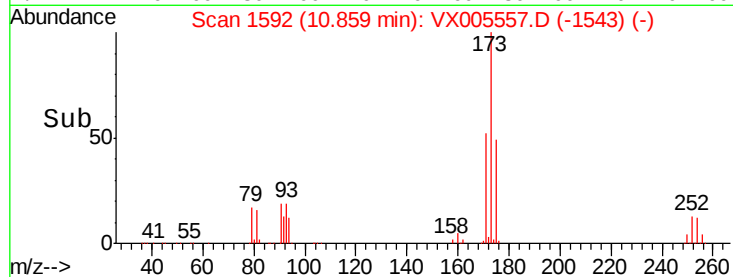
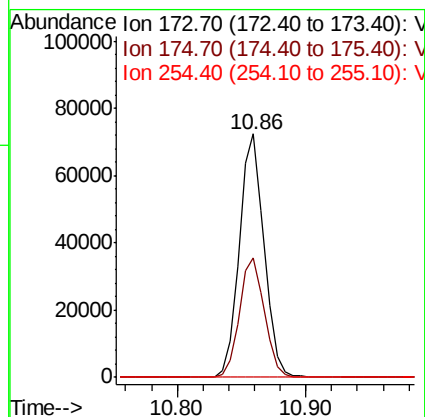
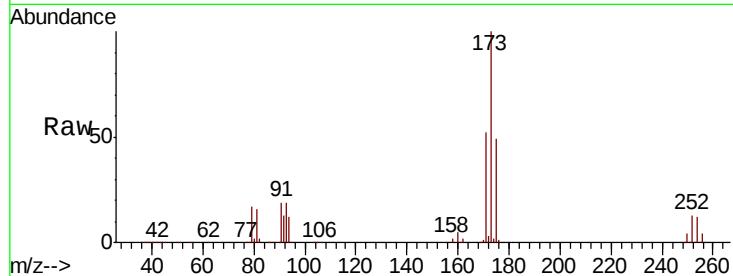
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

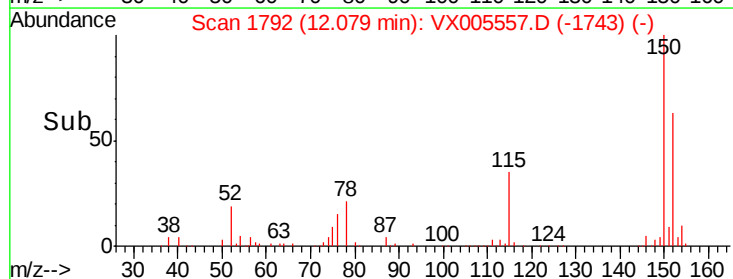
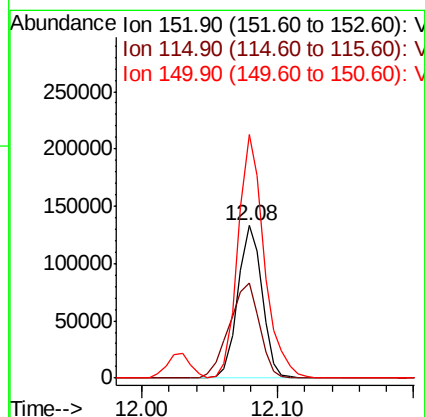
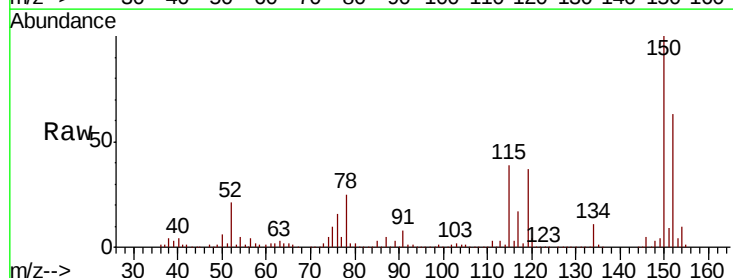
RT: 12.08 min Scan# 1792

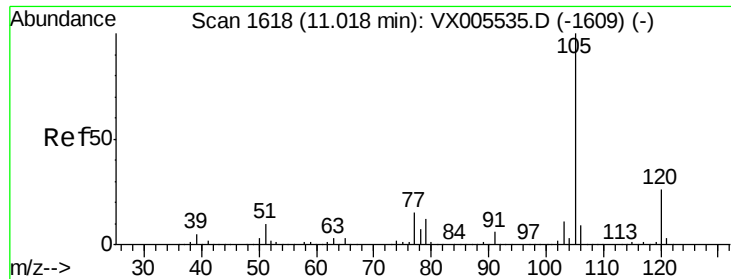
Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.2	39.0	117.0
150	172.9	0.0	351.0





#73

Isopropylbenzene

Concen: 51.605 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 518417

Ion Ratio Lower Upper

105 100

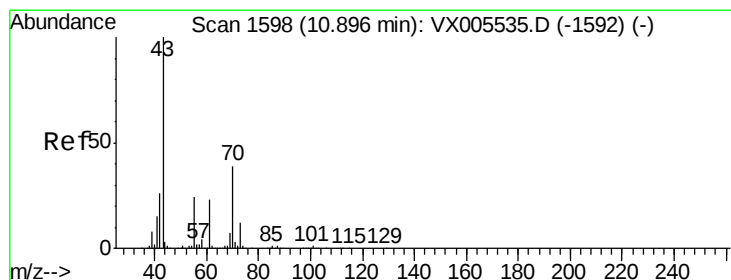
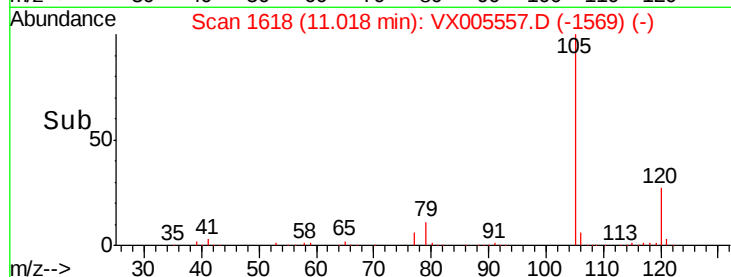
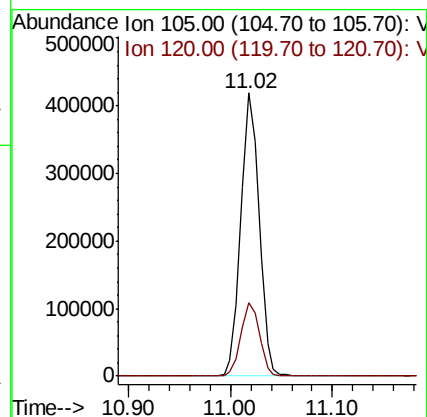
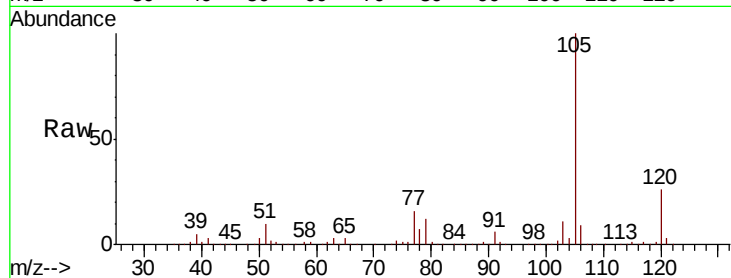
120 26.3 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.866 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Tgt Ion: 43 Resp: 258180

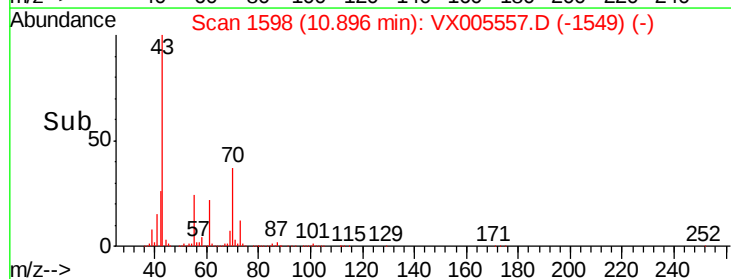
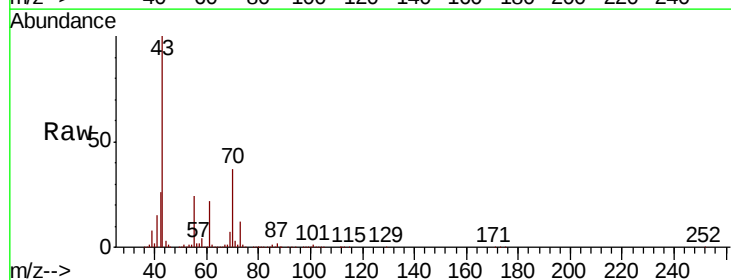
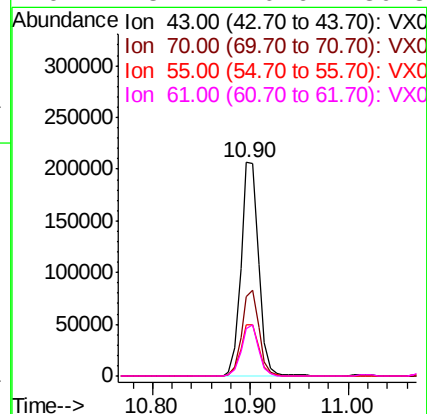
Ion Ratio Lower Upper

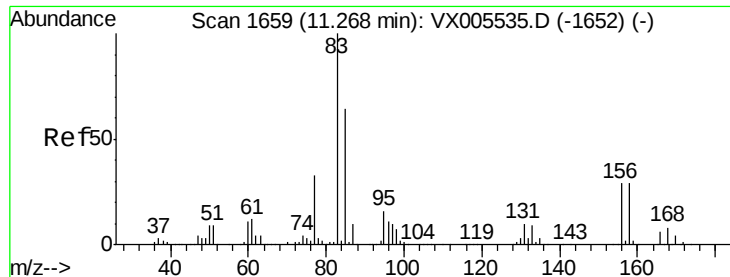
43 100

70 39.0 37.4 56.0

55 24.8 21.8 32.8

61 23.1 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.059 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 178118
Ion Ratio Lower Upper

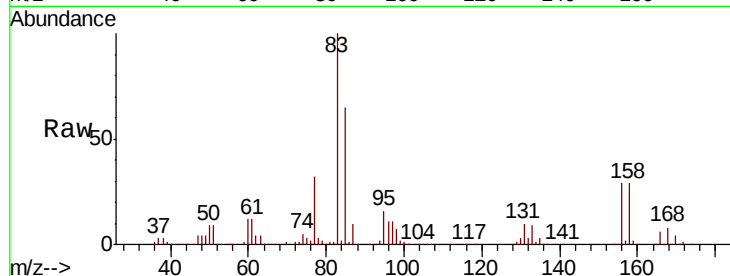
83 100

131 10.7 5.2 15.6

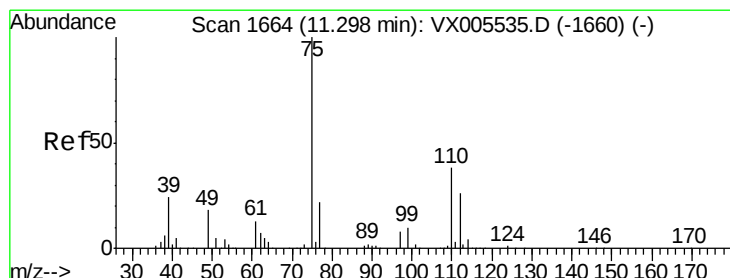
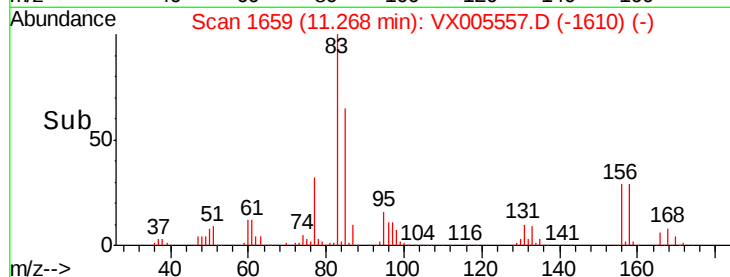
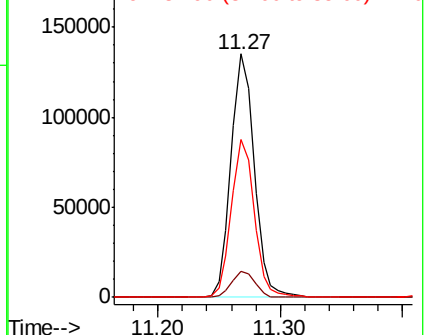
85 64.1 32.3 96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.786 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

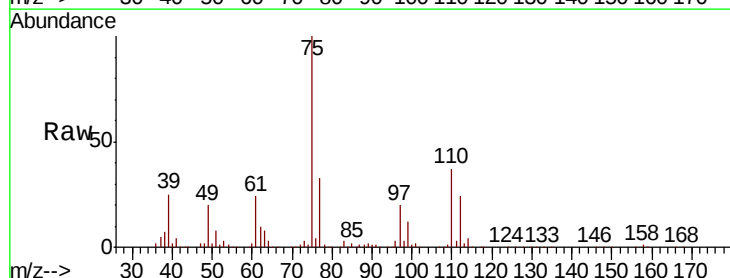
Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

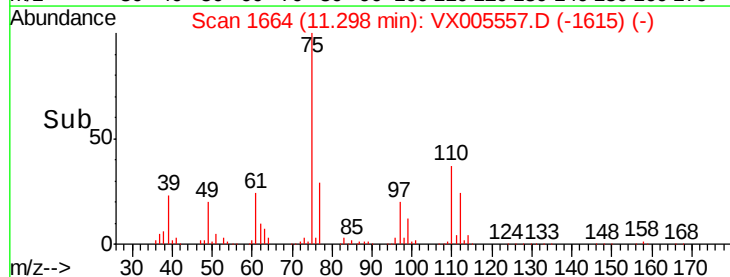
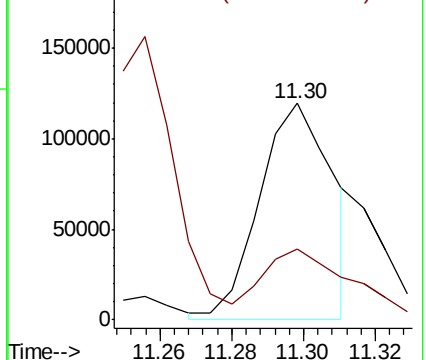
Tgt Ion: 75 Resp: 170001
Ion Ratio Lower Upper

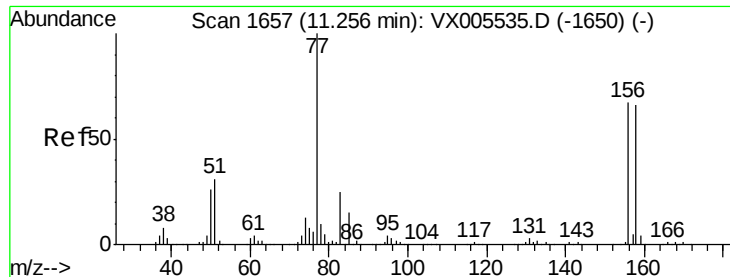
75 100

77 39.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.126 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 137538

Ion Ratio Lower Upper

156 100

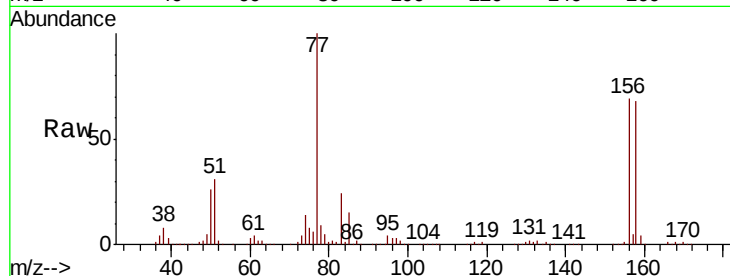
77 148.8 71.5 214.3

158 98.4 48.9 146.8

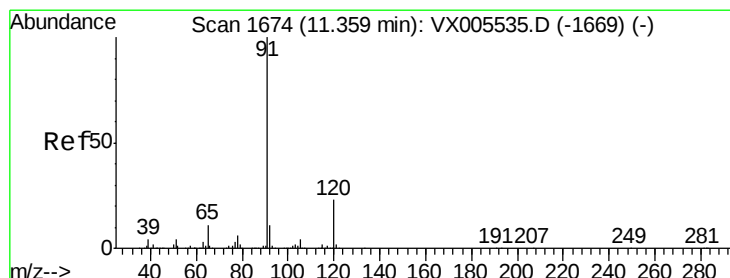
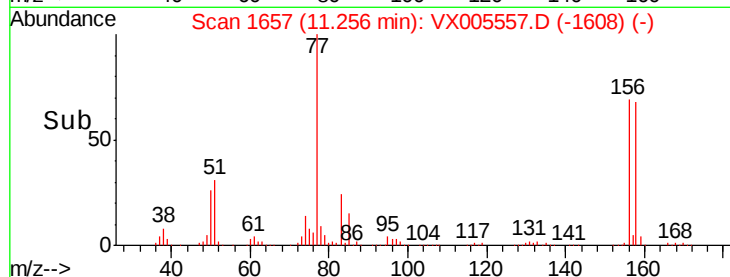
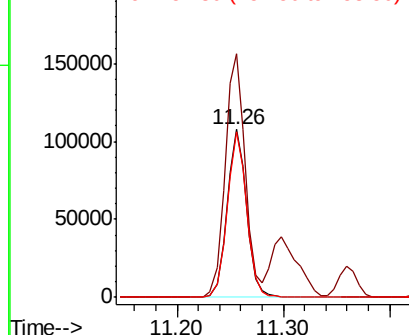
Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.314 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005557.D

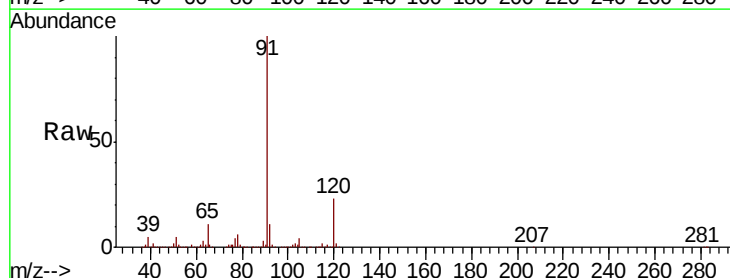
Acq: 24 Oct 2018 22:45

Tgt Ion: 91 Resp: 600938

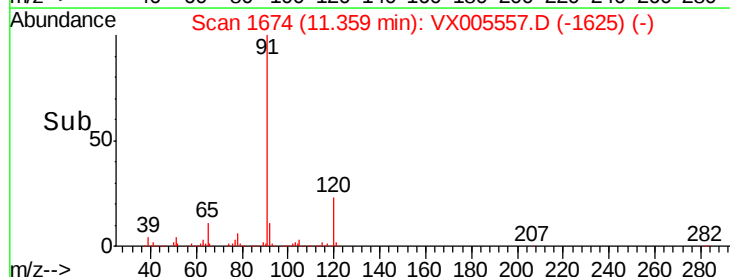
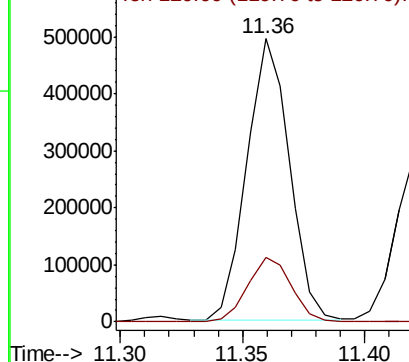
Ion Ratio Lower Upper

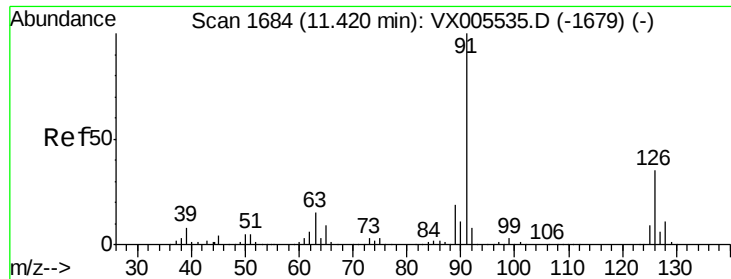
91 100

120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





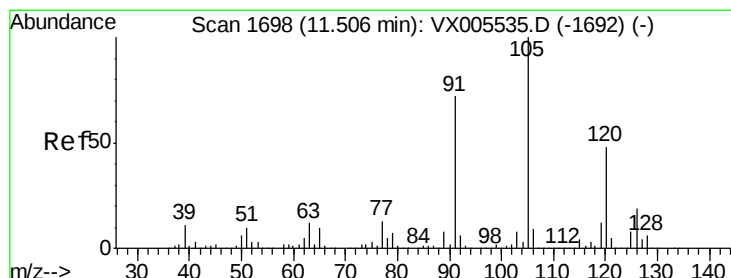
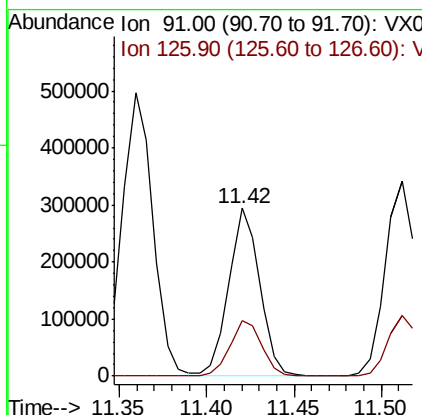
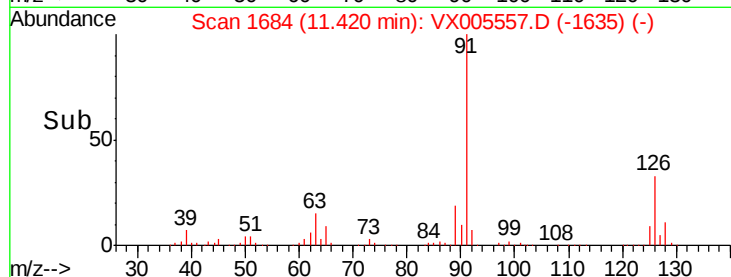
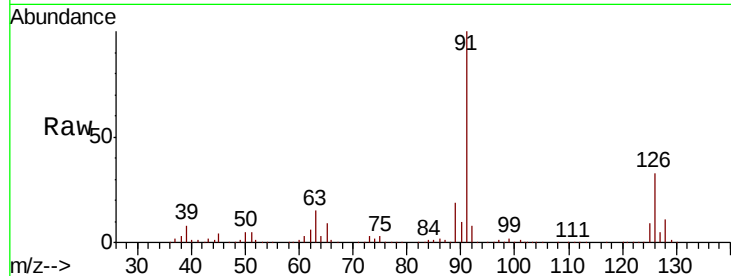
#79
 2-Chlorotoluene
 Concen: 50.602 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 360404
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.9 53.7

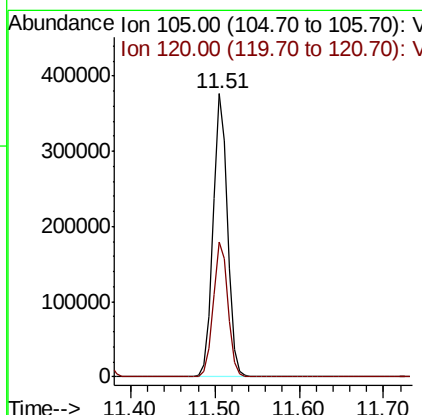
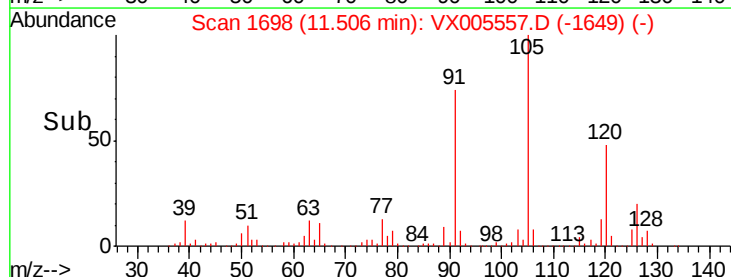
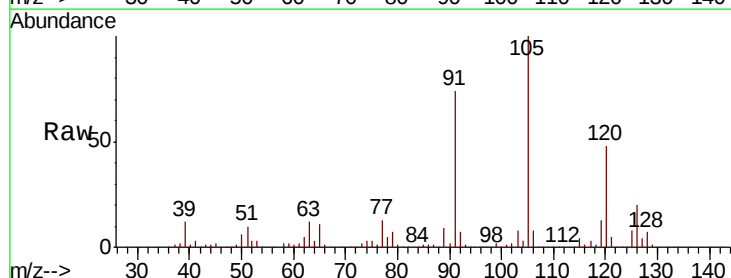
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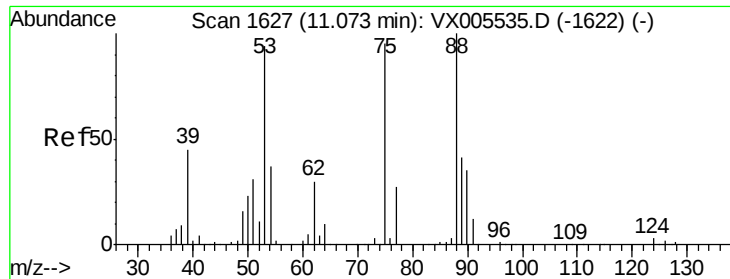
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.911 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Tgt Ion: 105 Resp: 446111
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.6 76.8





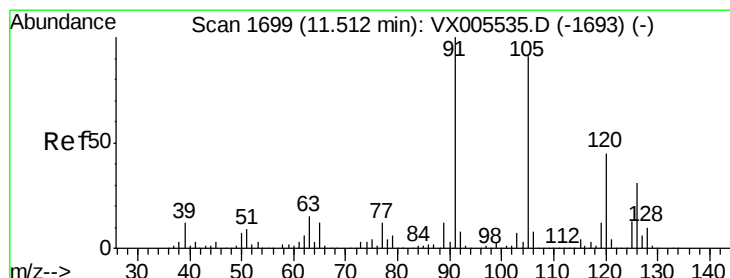
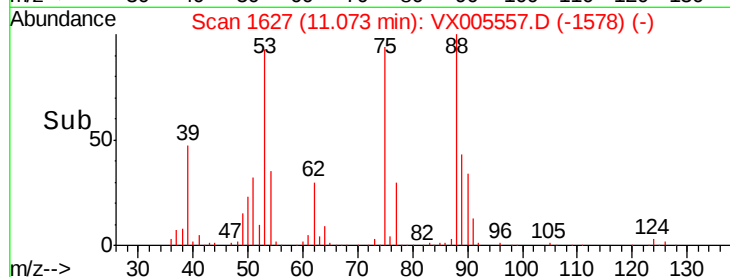
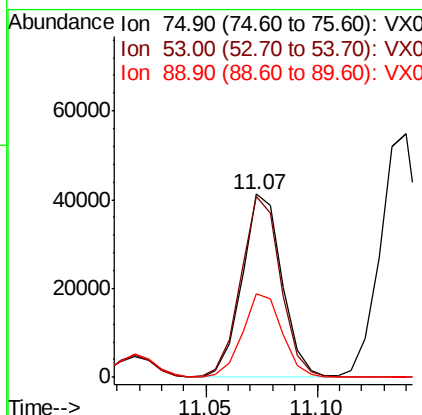
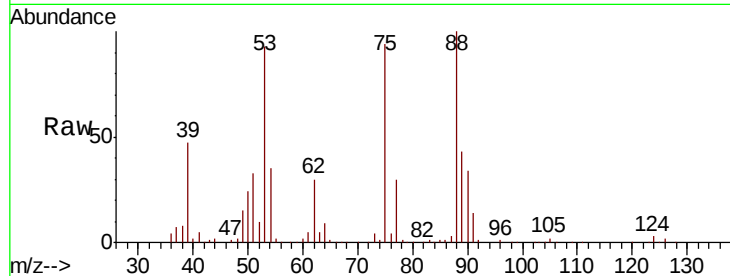
#81
trans-1,4-Dichloro-2-butene
Concen: 47.897 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.4	80.1	120.1
89	46.3	37.2	55.8

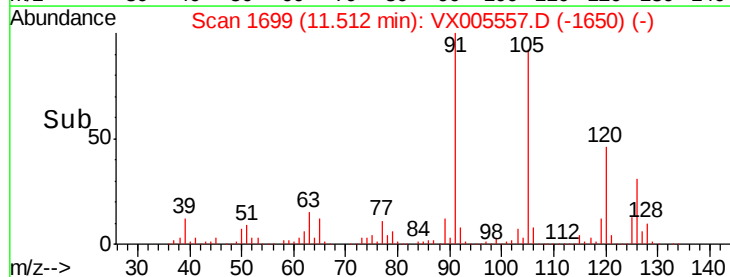
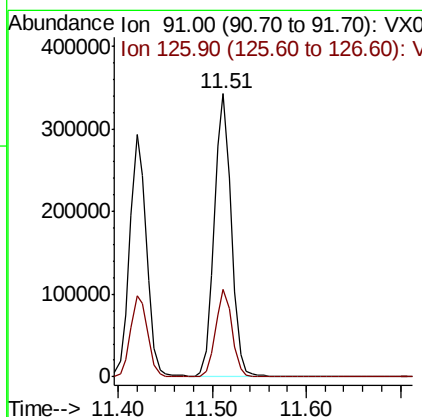
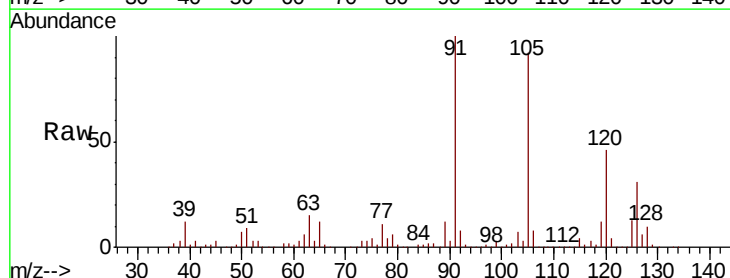
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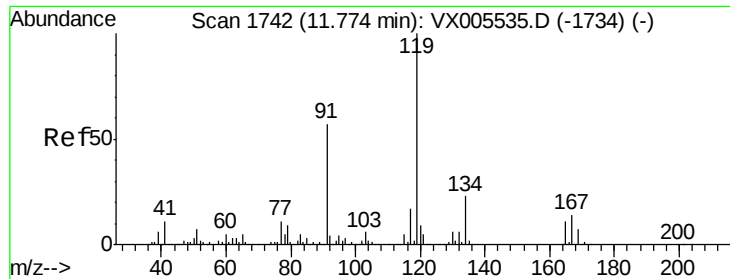
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#82
4-Chlorotoluene
Concen: 50.748 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.5	46.5





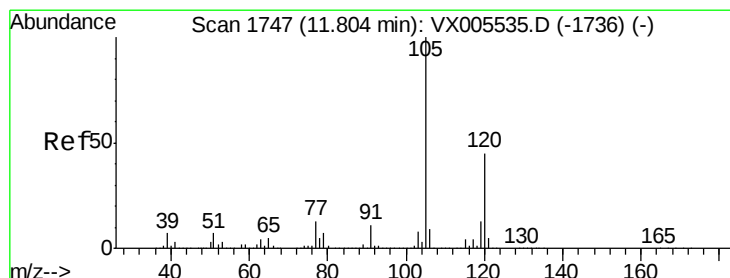
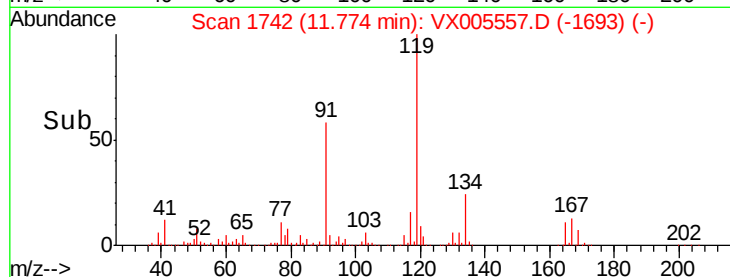
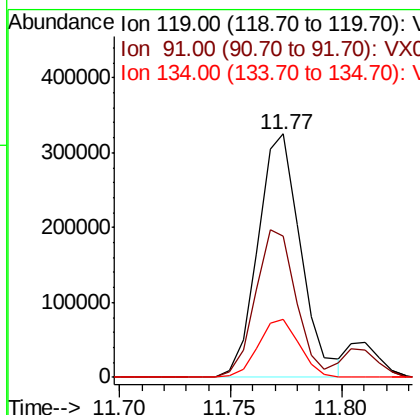
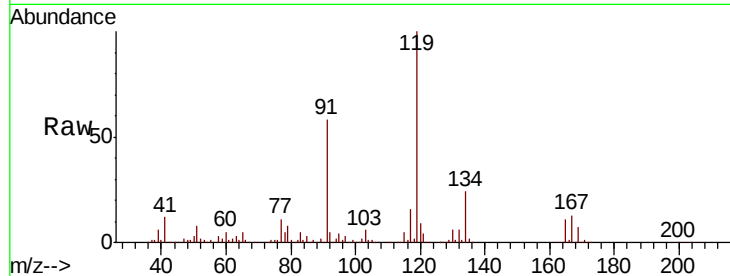
#83
 tert-Butylbenzene
 Concen: 50.877 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	27.0	81.0
134	23.0	11.7	35.1

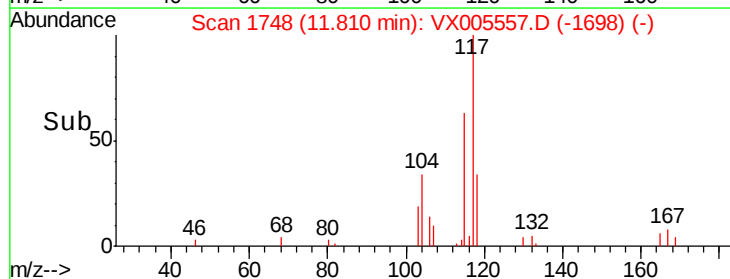
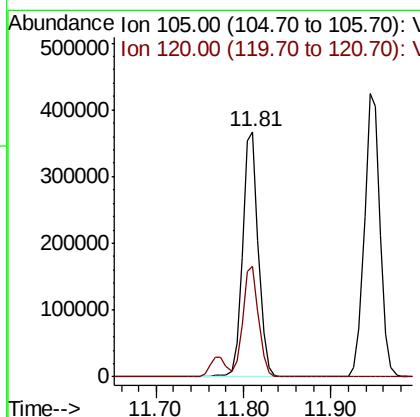
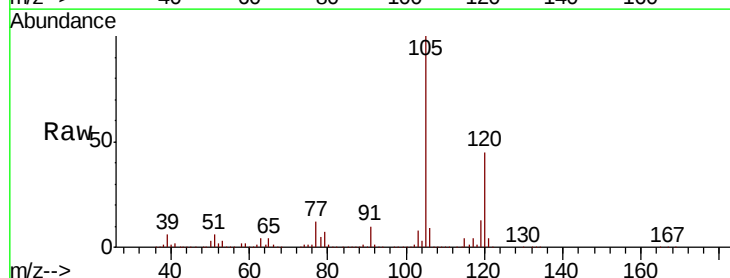
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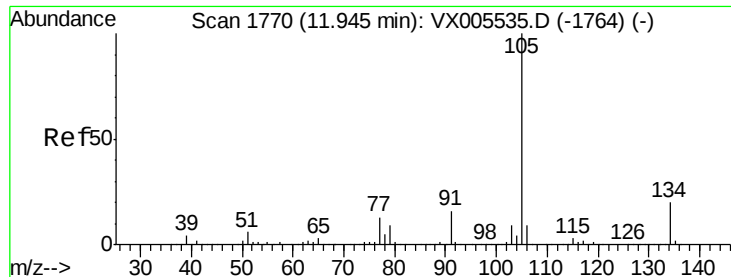
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.892 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	23.2	69.6





#85

sec-Butylbenzene

Concen: 51.932 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 530839

Ion Ratio Lower Upper

105 100

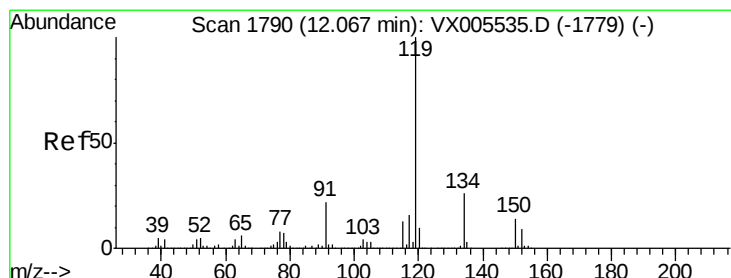
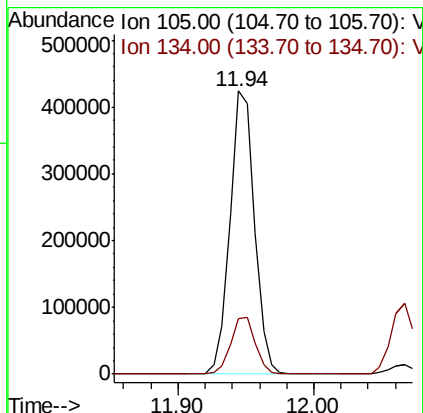
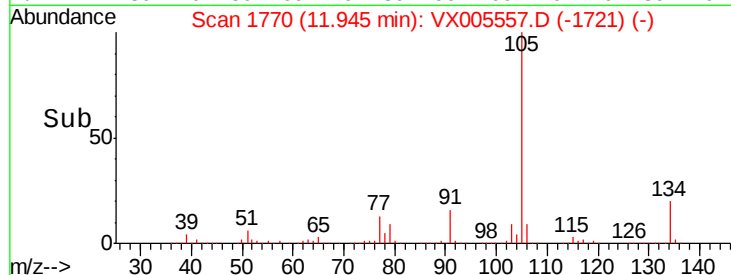
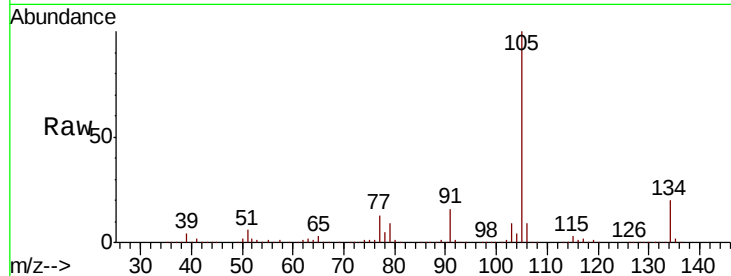
134 20.3 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 52.109 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

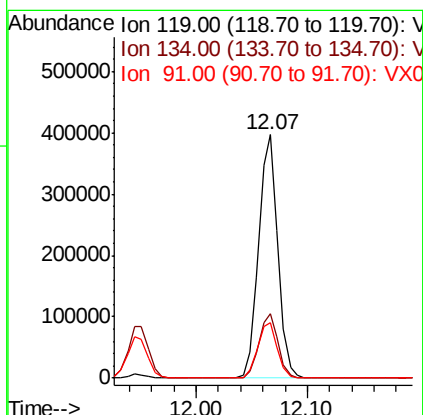
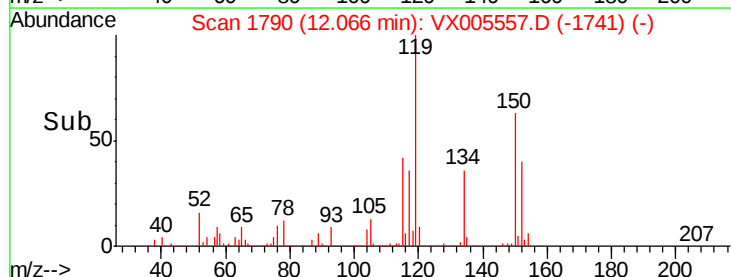
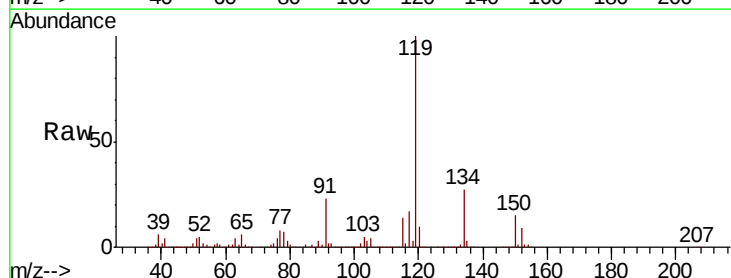
Tgt Ion:119 Resp: 476151

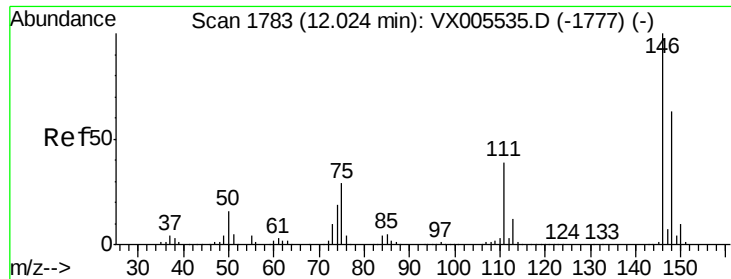
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 23.3 10.9 32.7





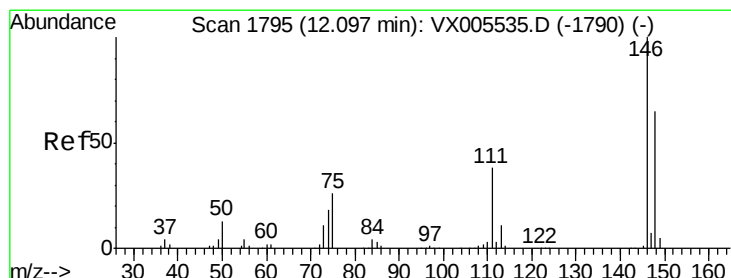
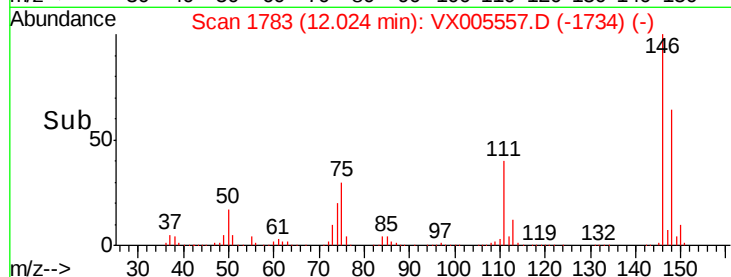
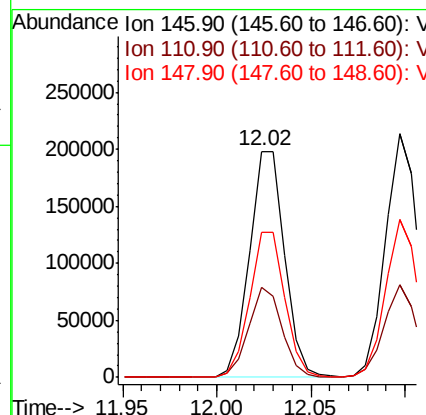
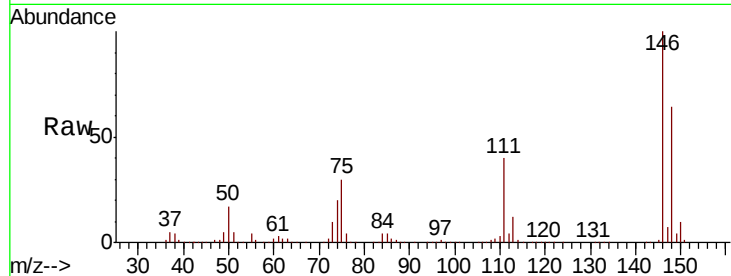
#87
 1,3-Dichlorobenzene
 Concen: 48.742 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.7	56.1
148	64.4	32.1	96.5

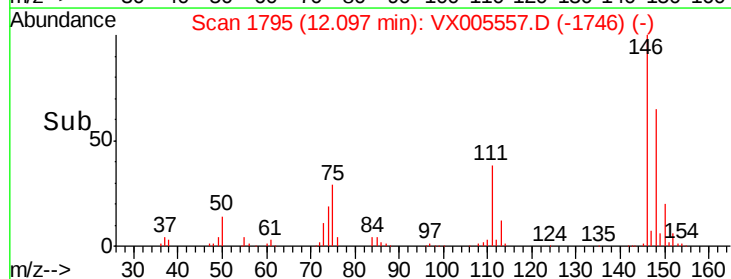
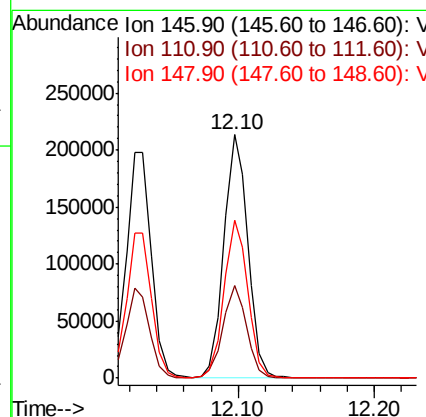
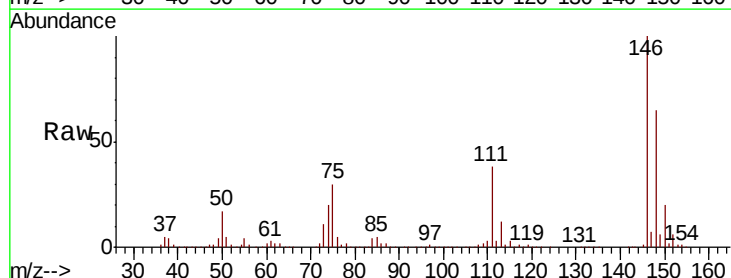
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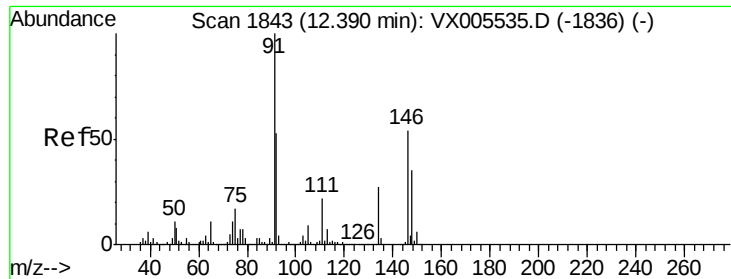
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#88
 1,4-Dichlorobenzene
 Concen: 47.212 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	64.6	32.0	96.0





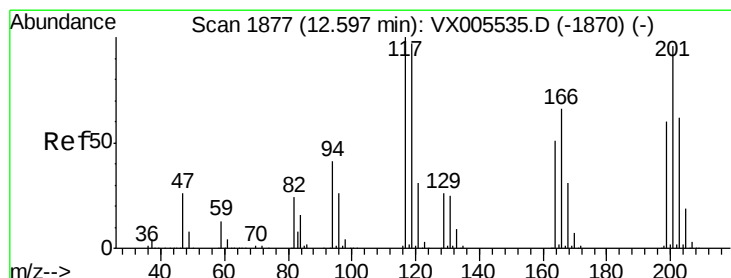
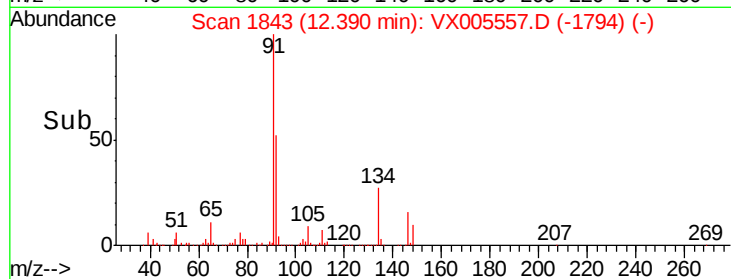
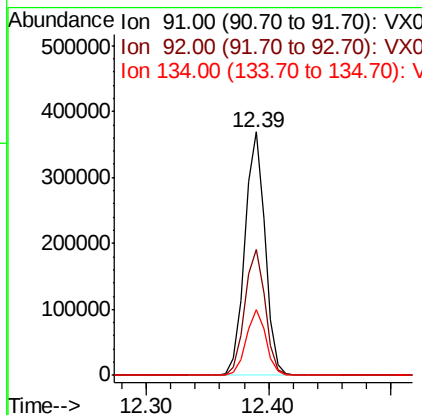
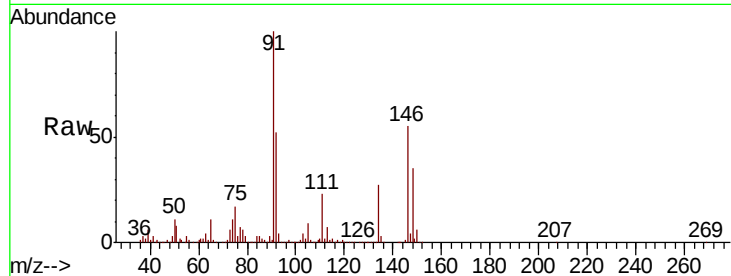
#89
n-Butylbenzene
Concen: 50.951 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.3	81.9
134	26.3	13.6	40.7

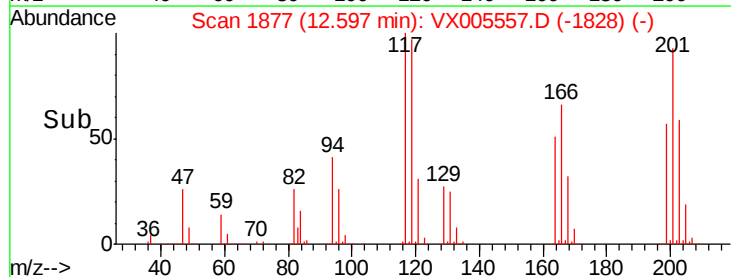
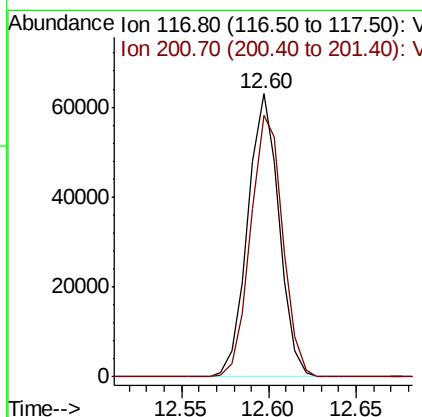
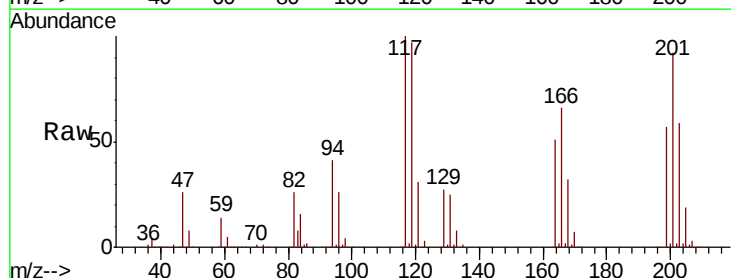
Manual Integrations
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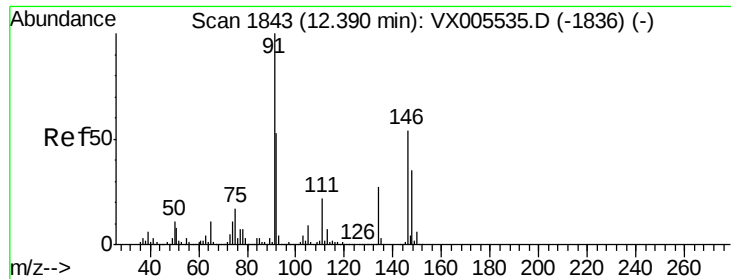
MMDadoda
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#90
Hexachloroethane
Concen: 49.860 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005557.D
Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	46.9	140.6





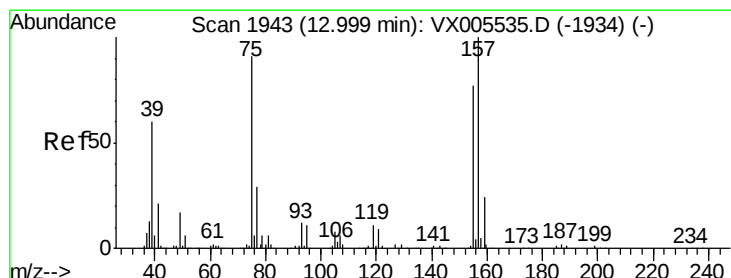
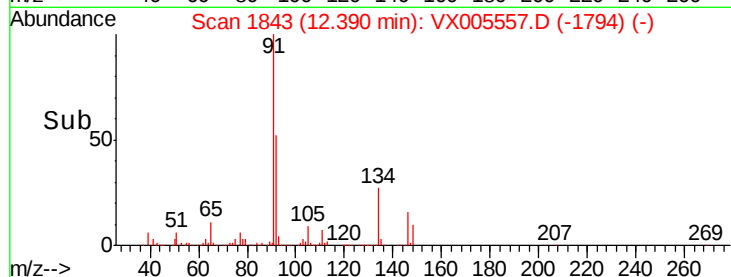
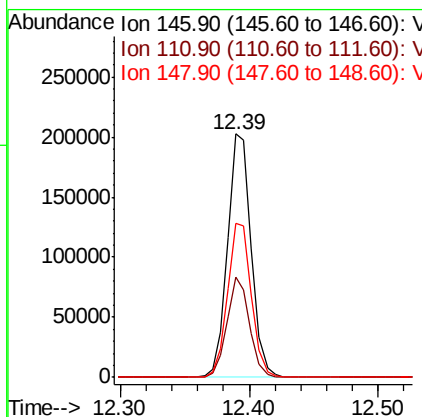
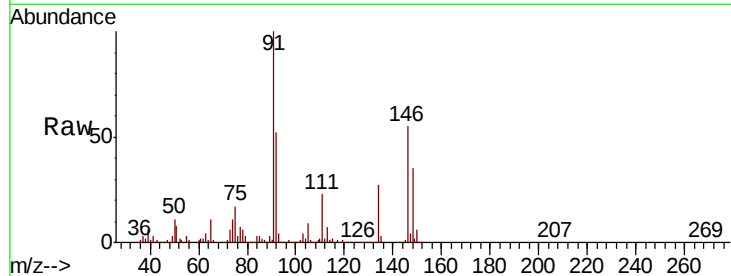
#91
 1,2-Dichlorobenzene
 Concen: 49.029 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.1
148	63.8	32.8	98.3

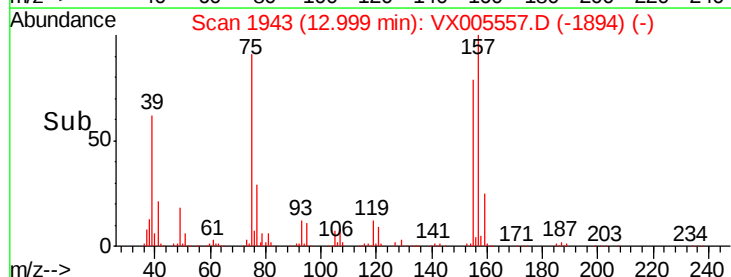
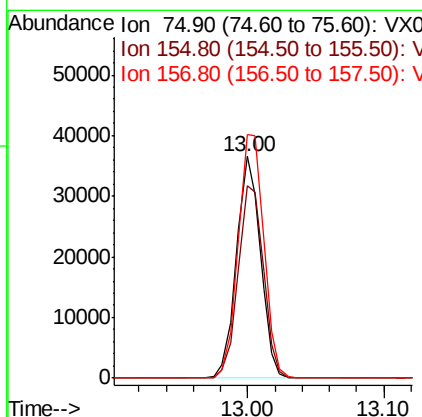
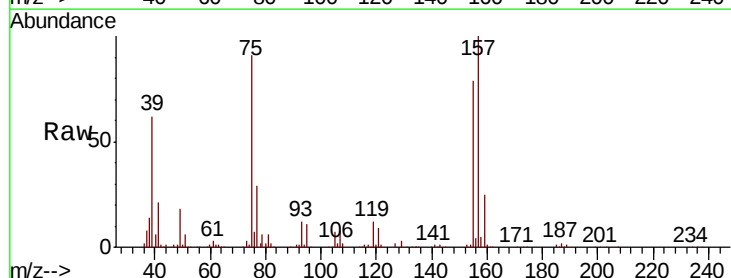
Manual Integrations
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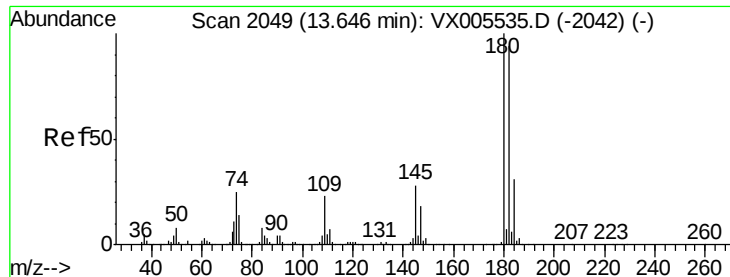
MMDadoda
 10/26/2018 11:53:51 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.230 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	48.0	144.2
157	117.4	61.4	184.1





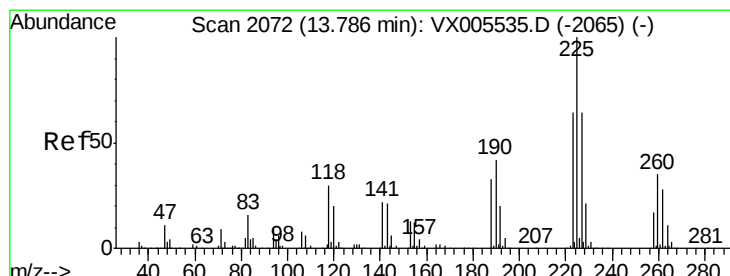
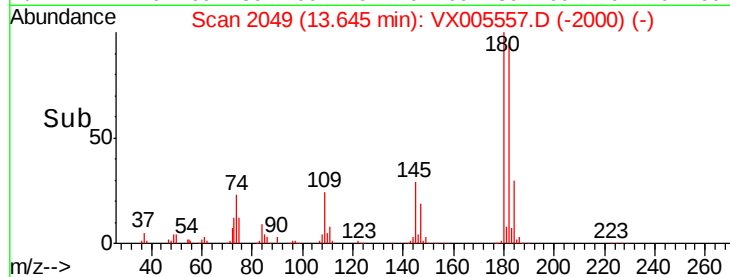
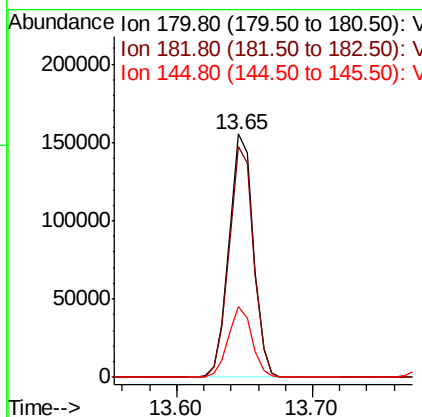
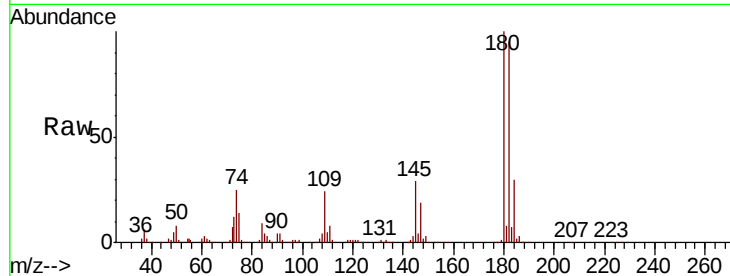
#93
 1,2,4-Trichlorobenzene
 Concen: 50.016 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	193123		
182	95.4	48.4	145.0	
145	28.3	14.3	42.9	

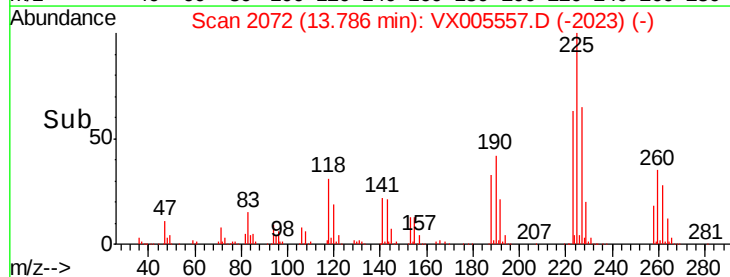
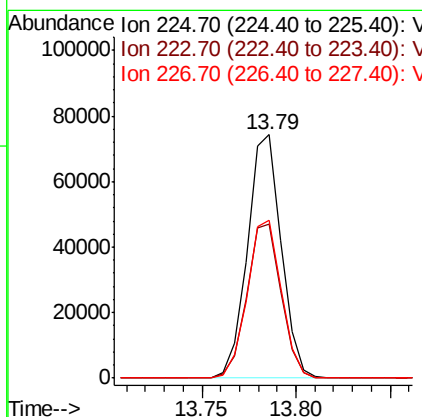
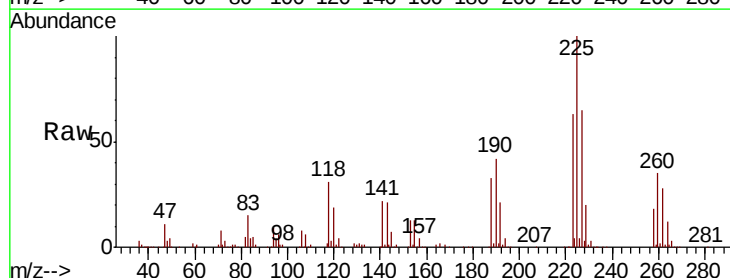
Manual Integrations
 APPROVED

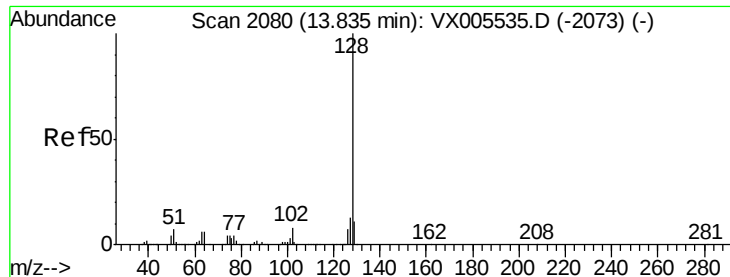
MMDadoda
 10/26/2018 11:53:51 AM



#94
 Hexachlorobutadiene
 Concen: 46.133 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005557.D
 Acq: 24 Oct 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	92310		
223	64.3	30.1	90.5	
227	65.5	30.8	92.4	





#95

Naphthalene

Concen: 53.690 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Instrument :

MSVOA_X

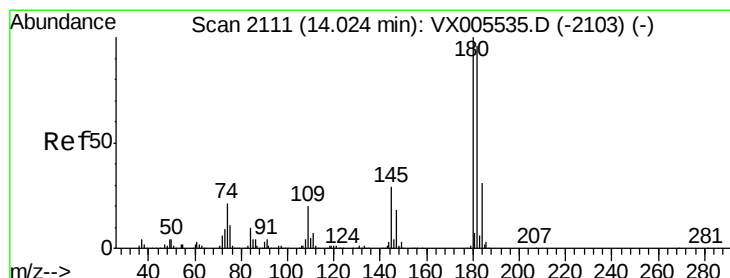
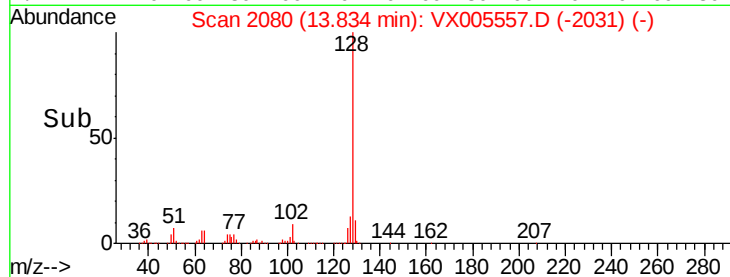
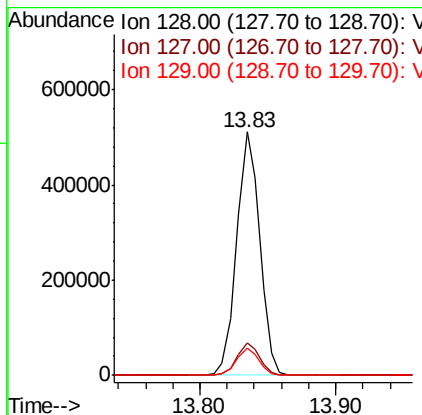
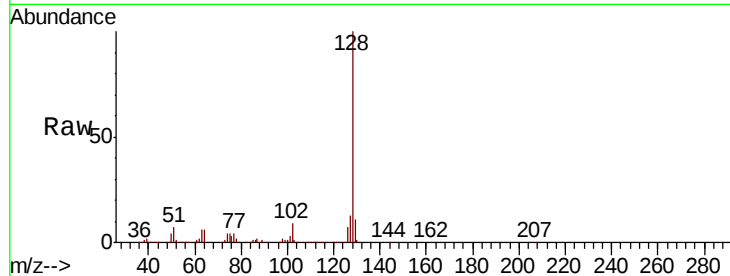
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	602600
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
APPROVED

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10/26/2018 11:53:51 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.687 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005557.D

Acq: 24 Oct 2018 22:45

Tgt Ion:	180	Resp:	198393
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.5	145.6
145	29.6	14.9	44.9

