

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006308.D
 Acq On : 06 Dec 2018 10:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 11:18:59 AM

Quant Time: Dec 07 04:37:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	683335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	985591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	895288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	475516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	338743	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	330818	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	8.71	98	1163309	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.13	95	451953	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	360325	53.854	ug/l	100
3) Chloromethane	1.33	50	323627	47.068	ug/l	98
4) Vinyl Chloride	1.41	62	350586	47.376	ug/l	96
5) Bromomethane	1.64	94	244674	47.709	ug/l	100
6) Chloroethane	1.71	64	216339	47.681	ug/l	99
7) Trichlorofluoromethane	1.93	101	546217	48.086	ug/l	97
8) Diethyl Ether	2.19	74	203066	47.235	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	322206	49.884	ug/l	99
10) Methyl Iodide	2.51	142	424136	43.572	ug/l	98
11) Tert butyl alcohol	3.07	59	400759	210.073	ug/l	100
12) 1,1-Dichloroethene	2.37	96	292309	47.274	ug/l	94
13) Acrolein	2.29	56	216996	208.113	ug/l	98
14) Allyl chloride	2.73	41	534004	43.719	ug/l	98
15) Acrylonitrile	3.15	53	888880	223.284	ug/l	100
16) Acetone	2.45	43	662616	202.407	ug/l	97
17) Carbon Disulfide	2.57	76	827949	43.455	ug/l	99
18) Methyl Acetate	2.78	43	498680	45.551	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	1030316	46.709	ug/l	99
20) Methylene Chloride	2.86	84	319933	45.920	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	310083	47.059	ug/l	96
22) Diisopropyl ether	3.87	45	1001112	52.474	ug/l	96
23) Vinyl Acetate	3.82	43	4250697	261.225	ug/l	98
24) 1,1-Dichloroethane	3.70	63	562237	51.559	ug/l	98
25) 2-Butanone	4.70	43	1047687	224.293	ug/l	98
26) 2,2-Dichloropropane	4.59	77	511253	50.801	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	371714	50.574	ug/l	99
28) Bromochloromethane	5.01	49	234723	49.279	ug/l	99
29) Tetrahydrofuran	5.15	42	738244	227.405	ug/l	98
30) Chloroform	5.21	83	574215	50.108	ug/l	98
31) Cyclohexane	5.57	56	485810	48.207	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	540383	49.561	ug/l	99
36) 1,1-Dichloropropene	5.79	75	421710	50.810	ug/l	100
37) Ethyl Acetate	4.85	43	433445	46.634	ug/l	98
38) Carbon Tetrachloride	5.78	117	498912	51.098	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	557569	51.755	ug/l	99
40) Benzene	6.14	78	1271953	51.168	ug/l	100
41) Methacrylonitrile	5.06	41	241701	47.259	ug/l	98
42) 1,2-Dichloroethane	6.20	62	420104	51.637	ug/l	100
43) Isopropyl Acetate	6.46	43	731582	47.209	ug/l	100
44) Trichloroethene	7.21	130	389268	51.691	ug/l	99
45) 1,2-Dichloropropane	7.51	63	316168	50.044	ug/l	97
46) Dibromomethane	7.66	93	232283	50.908	ug/l	99
47) Bromodichloromethane	7.90	83	450649	51.001	ug/l	99
48) Methyl methacrylate	7.77	41	363039	48.155	ug/l	98
49) 1,4-Dioxane	7.75	88	177346	954.453	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2154280	238.799	ug/l	98
52) Toluene	8.78	92	824173	50.395	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	509144	49.270	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	535591	49.913	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	343062	51.635	ug/l	99
56) Ethyl methacrylate	9.18	69	524229	50.471	ug/l	97
57) 1,3-Dichloropropane	9.37	76	538788	51.283	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	1351126	256.345	ug/l	99
59) 2-Hexanone	9.49	43	1617201	234.638	ug/l	99
60) Dibromochloromethane	9.58	129	417255	50.930	ug/l	99
61) 1,2-Dibromoethane	9.67	107	371445	49.999	ug/l	99
64) Tetrachloroethene	9.34	164	344131	51.040	ug/l	98
65) Chlorobenzene	10.14	112	980714	51.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	377161	51.077	ug/l	100
67) Ethyl Benzene	10.25	91	1614271	51.070	ug/l	100
68) m/p-Xylenes	10.36	106	1305731	103.125	ug/l	99
69) o-Xylene	10.69	106	638163	51.026	ug/l	100
70) Styrene	10.71	104	1049328	51.875	ug/l	99
71) Bromoform	10.86	173	337347	48.397	ug/l #	100
73) Isopropylbenzene	11.02	105	1706124	51.955	ug/l	100
74) N-amyl acetate	10.90	43	653254	46.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	509340	48.482	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	487109m	53.072	ug/l	
77) Bromobenzene	11.26	156	465622	51.093	ug/l	99
78) n-propylbenzene	11.36	91	1920196	52.603	ug/l	100
79) 2-Chlorotoluene	11.42	91	1110942	51.205	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1421845	52.039	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	182253	46.599	ug/l	97
82) 4-Chlorotoluene	11.51	91	1301699	51.603	ug/l	100
83) tert-Butylbenzene	11.77	119	1502867	51.553	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1448805	51.352	ug/l	100
85) sec-Butylbenzene	11.94	105	1763425	53.172	ug/l	99
86) p-Isopropyltoluene	12.06	119	1582992	53.007	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	838940	51.736	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	839760	51.022	ug/l	99
89) n-Butylbenzene	12.39	91	1370101	53.769	ug/l	100
90) Hexachloroethane	12.60	117	305463	50.187	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	811446	50.420	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	121613	45.158	ug/l	98

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ClientSampleId :
VSTDCCC050

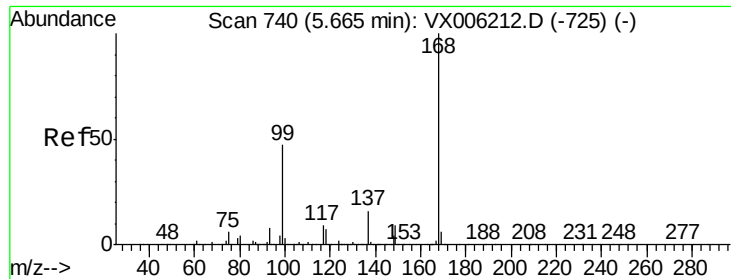
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	606911	51.690	ug/l	99
94) Hexachlorobutadiene	13.78	225	292650	56.360	ug/l	99
95) Naphthalene	13.83	128	1832909	50.185	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	605436	52.061	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 683335

Ion Ratio Lower Upper

168 100

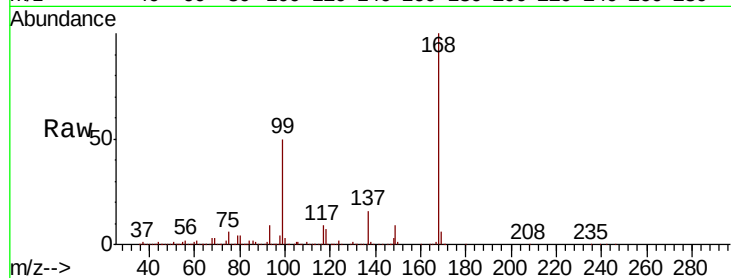
99 50.0 37.8 56.8

Manual Integrations

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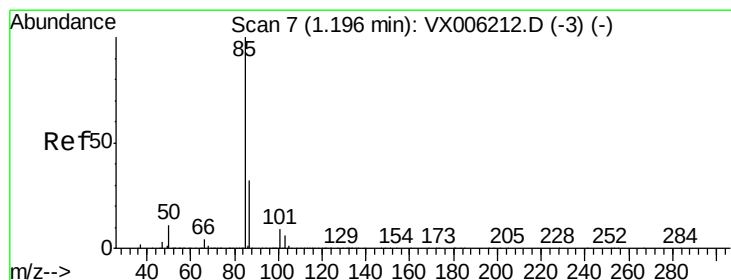
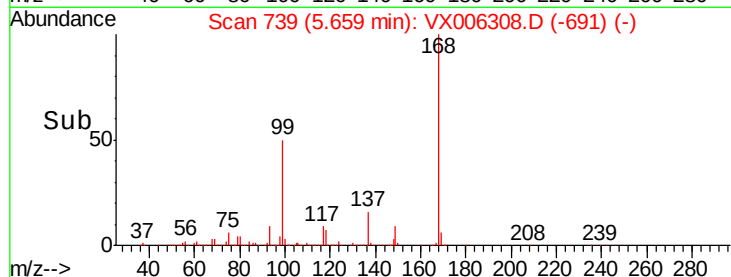
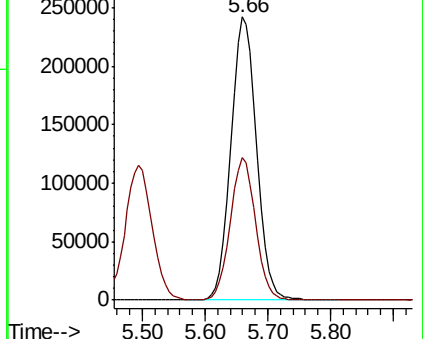
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.854 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006308.D

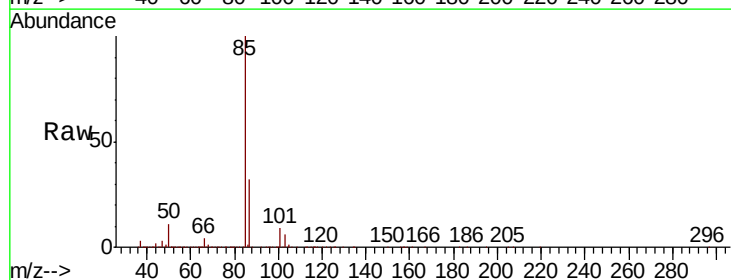
Acq: 06 Dec 2018 10:35

Tgt Ion: 85 Resp: 360325

Ion Ratio Lower Upper

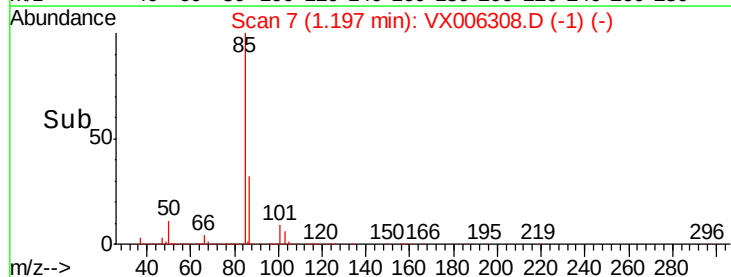
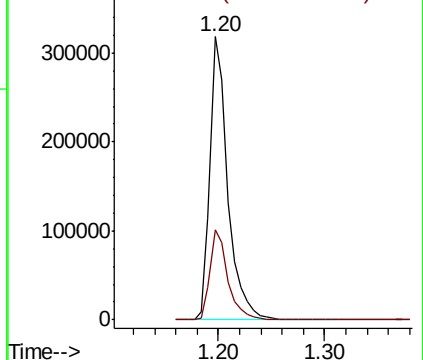
85 100

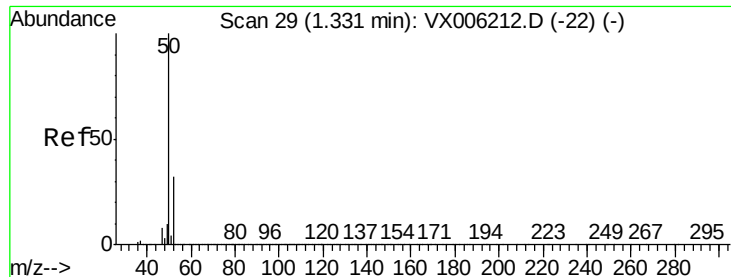
87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





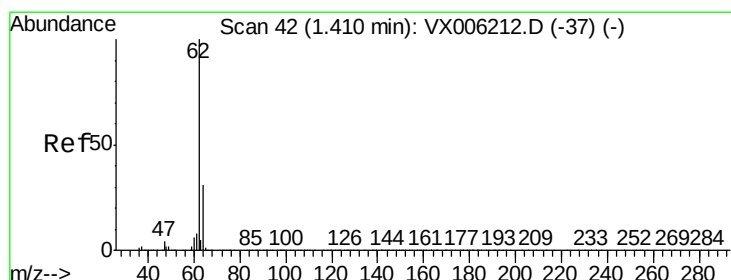
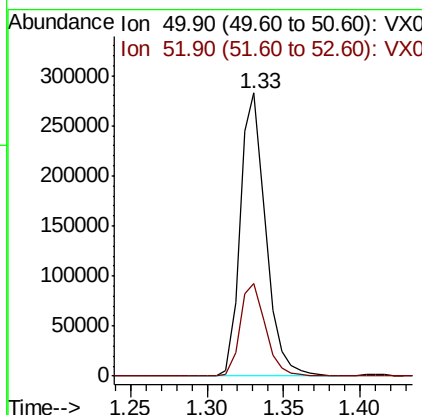
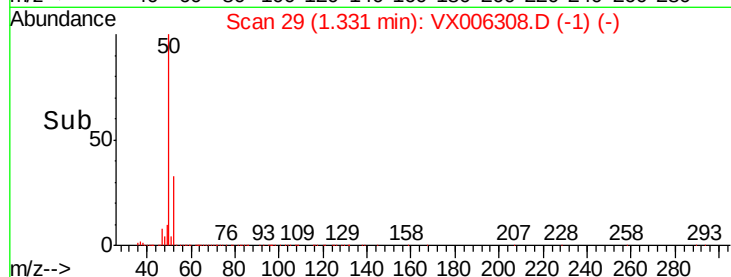
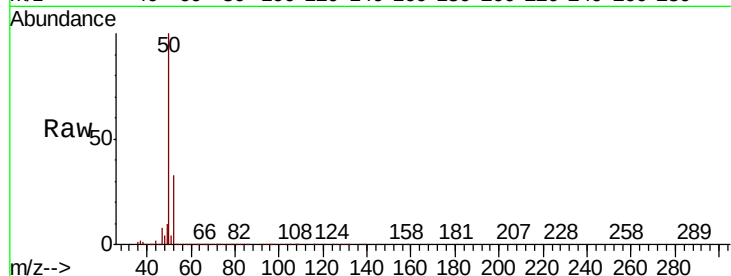
#3
Chloromethane
Concen: 47.068 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.7	25.2	37.8

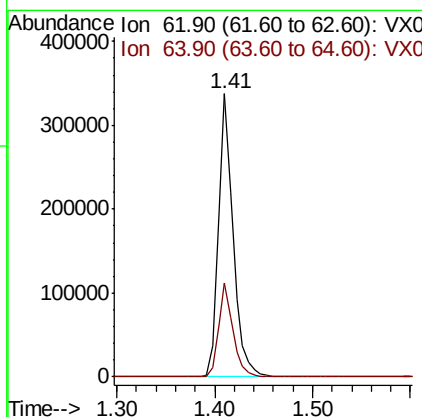
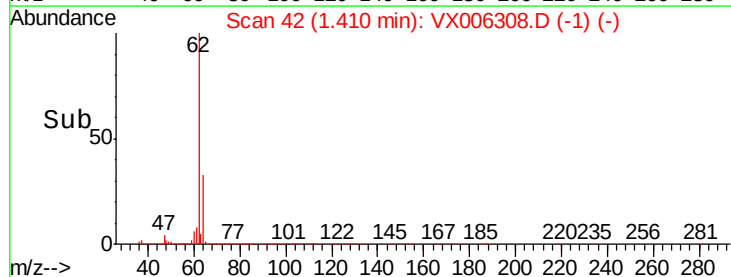
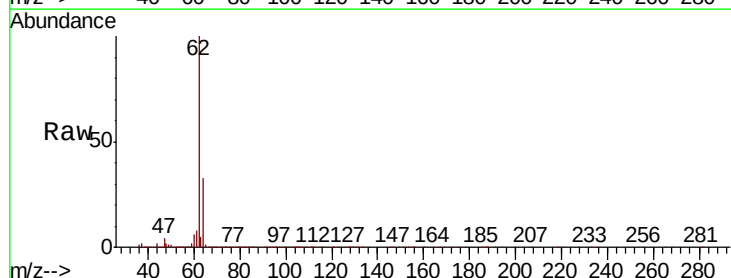
Manual Integrations
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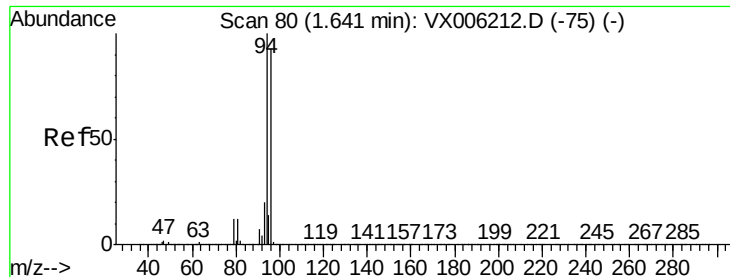
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#4
Vinyl Chloride
Concen: 47.376 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.1	24.9	37.3





#5

Bromomethane

Concen: 47.709 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 244674

Ion Ratio Lower Upper

94 100

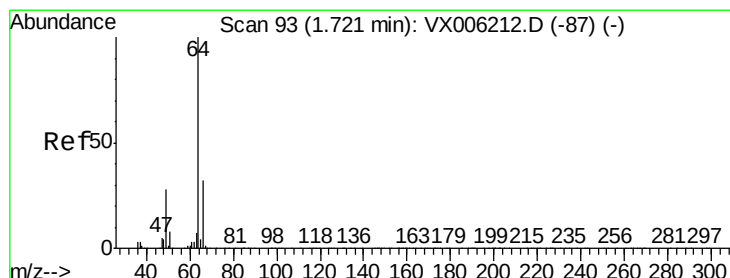
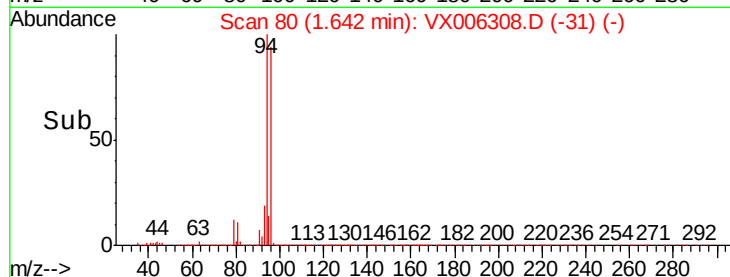
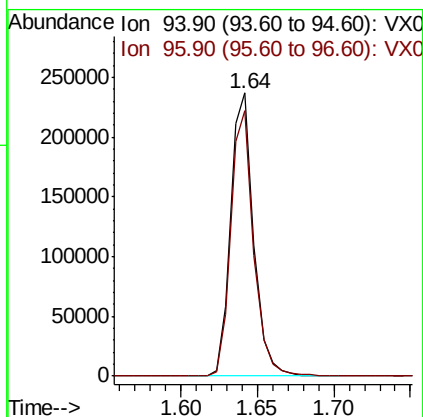
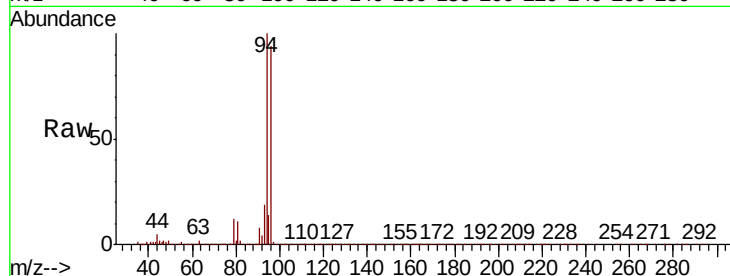
96 93.6 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 47.681 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006308.D

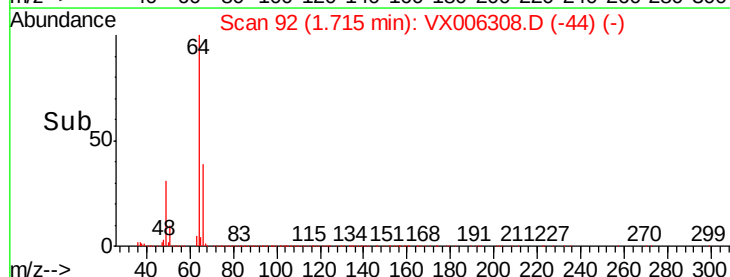
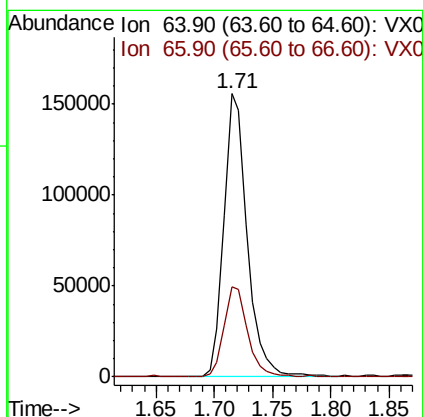
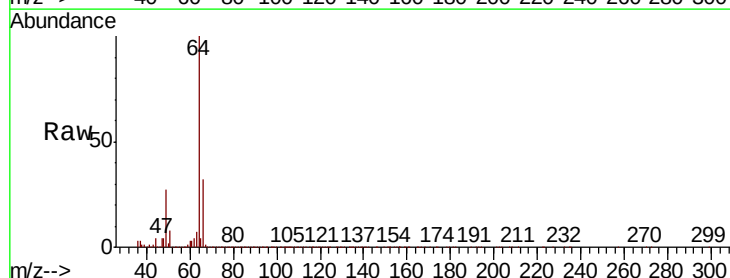
Acq: 06 Dec 2018 10:35

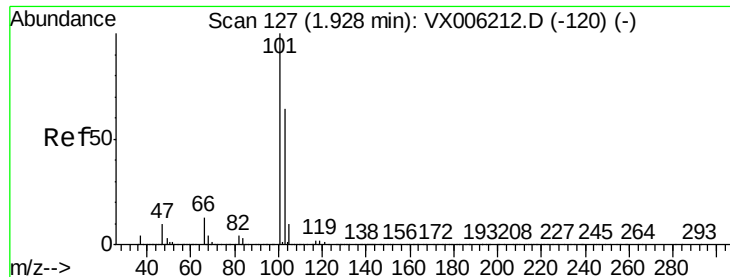
Tgt Ion: 64 Resp: 216339

Ion Ratio Lower Upper

64 100

66 31.9 25.9 38.9





#7

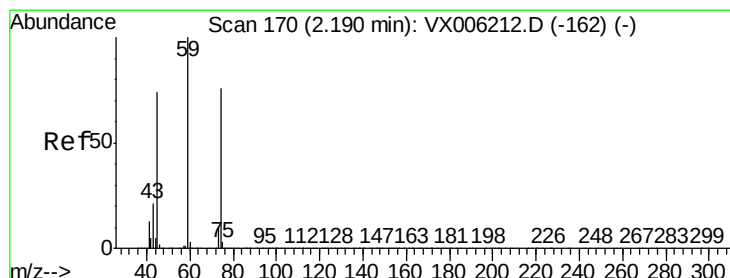
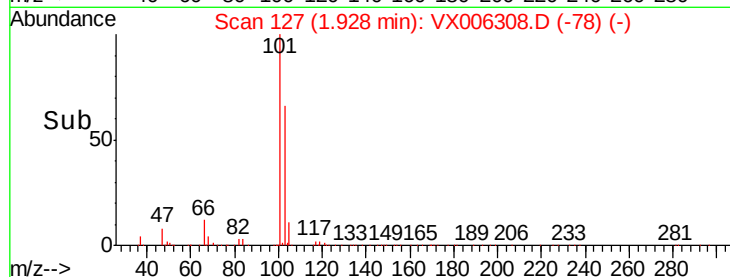
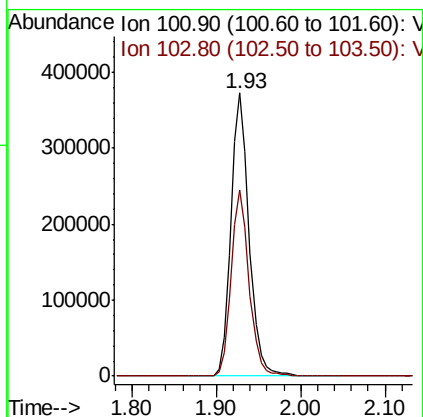
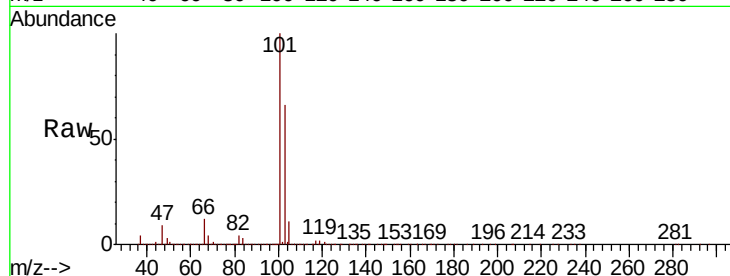
Trichlorofluoromethane
Concen: 48.086 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.0	76.4

Manual Integrations
APPROVED

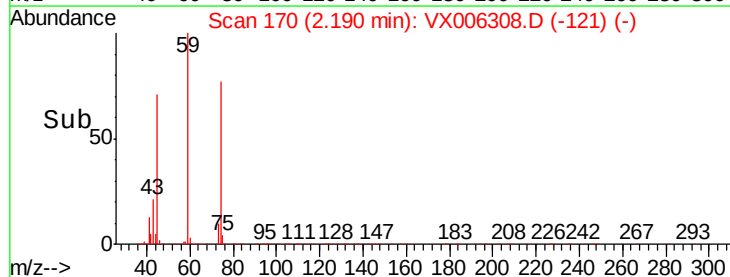
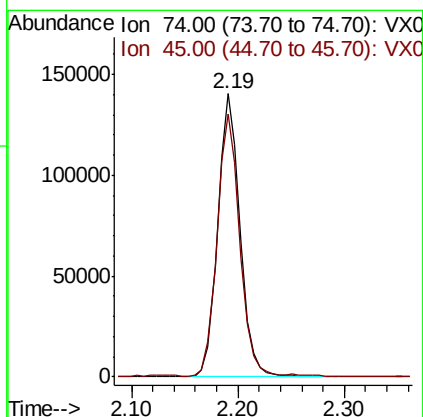
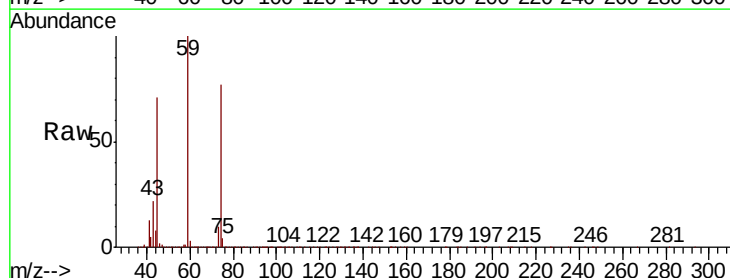
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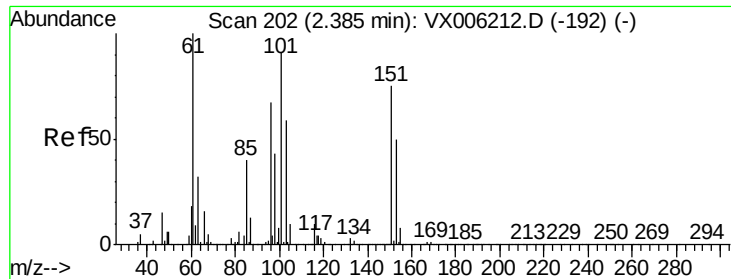


#8

Diethyl Ether
Concen: 47.235 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.884 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

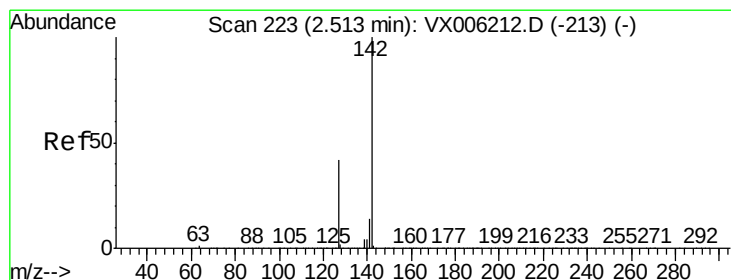
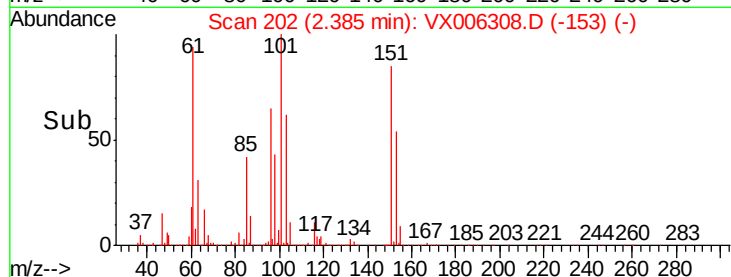
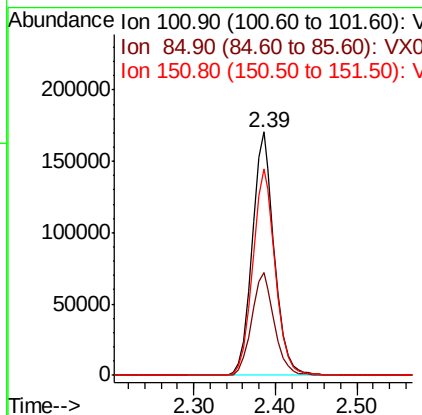
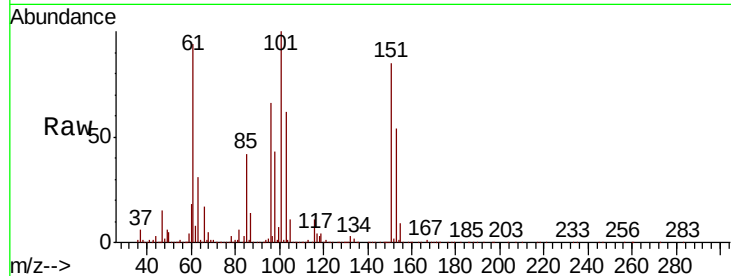
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	322206
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.5	53.3
151	86.7	68.6	103.0

Manual Integrations
APPROVED

MMDadoda
12/7/2018 11:18:59 AM



#10

Methyl Iodide

Concen: 43.572 ug/l

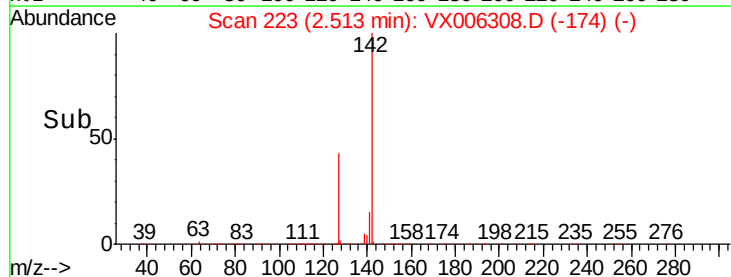
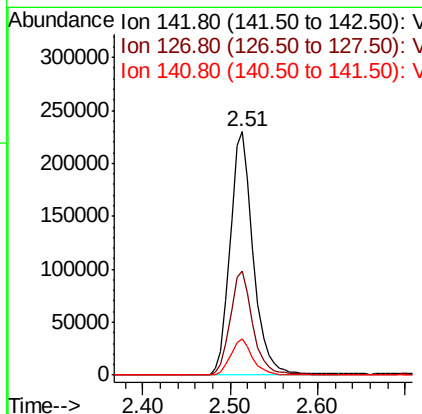
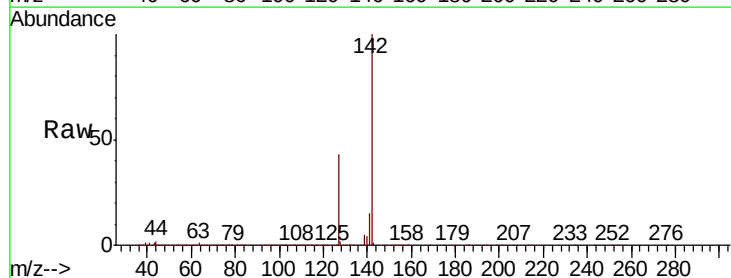
RT: 2.51 min Scan# 223

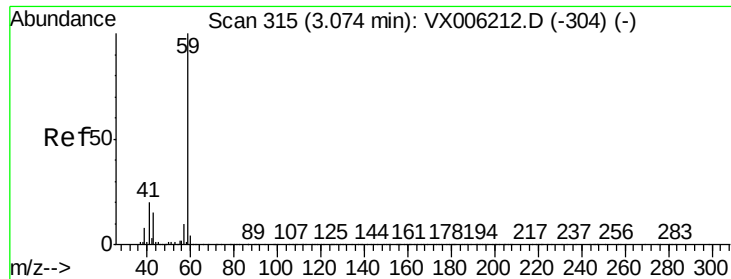
Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion:	142	Resp:	424136
Ion Ratio	Lower	Upper	
142	100		
127	42.0	34.8	52.2
141	14.1	11.4	17.2





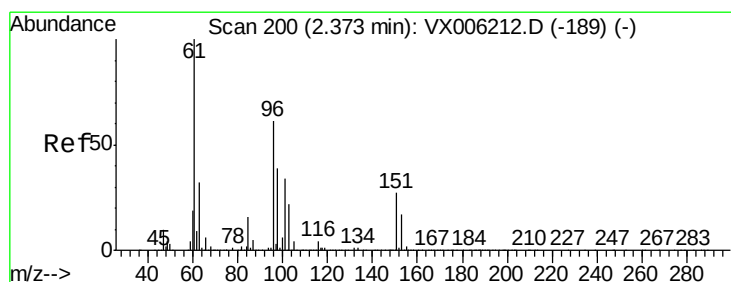
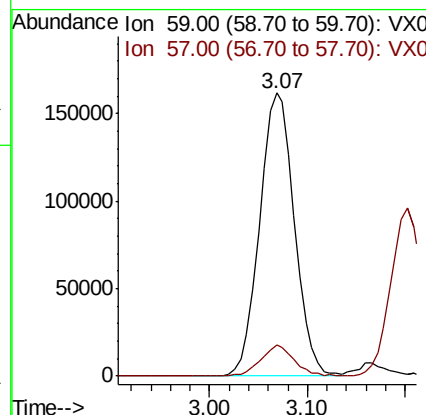
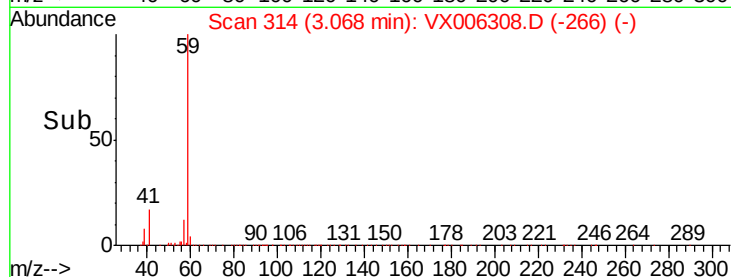
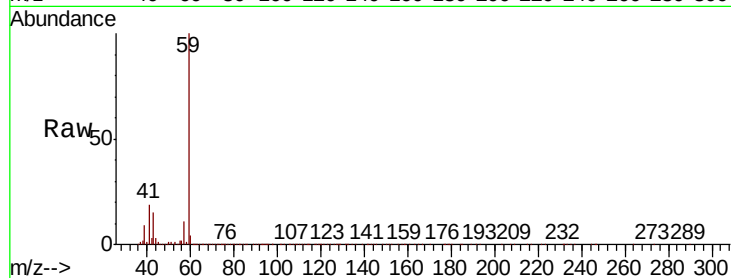
#11
Tert butyl alcohol
Concen: 210.073 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.2

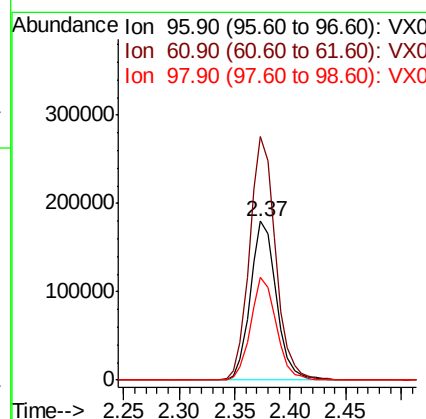
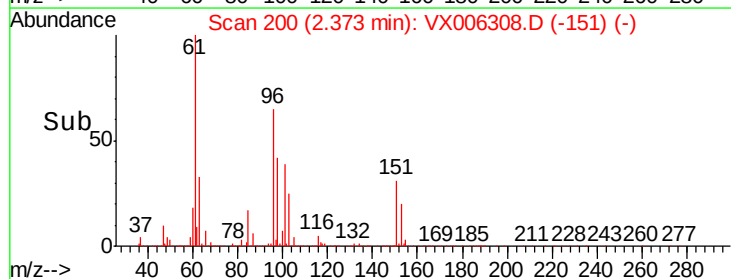
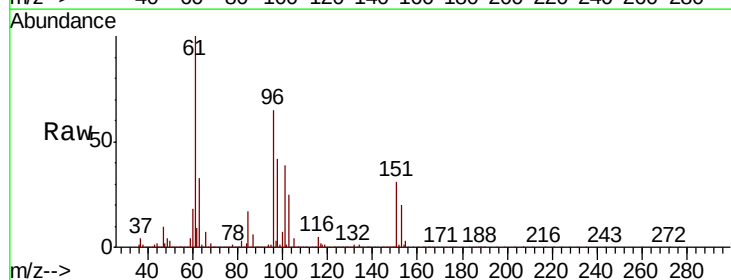
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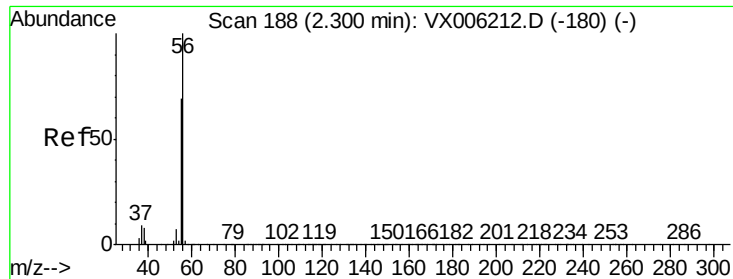
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#12
1,1-Dichloroethene
Concen: 47.274 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.3	131.7	197.5
98	64.7	51.8	77.6





#13

Acrolein

Concen: 208.113 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 216996

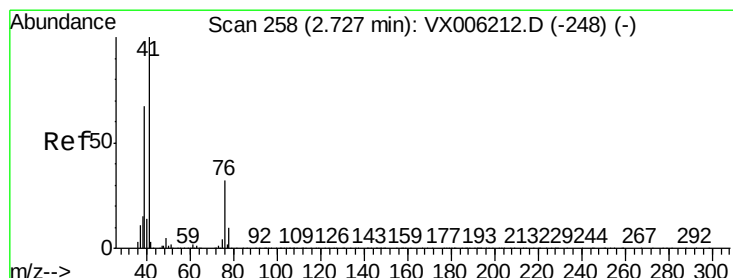
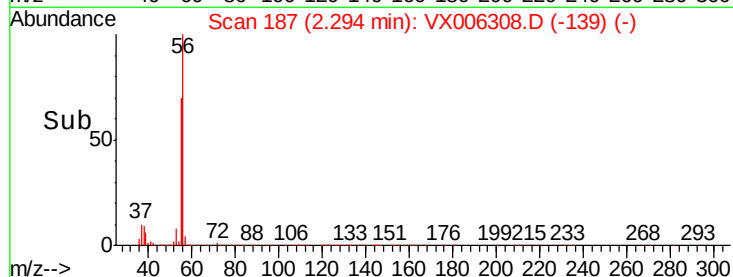
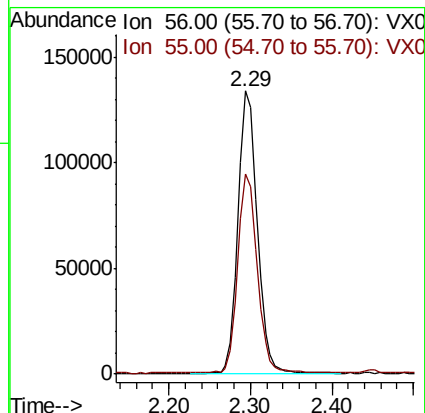
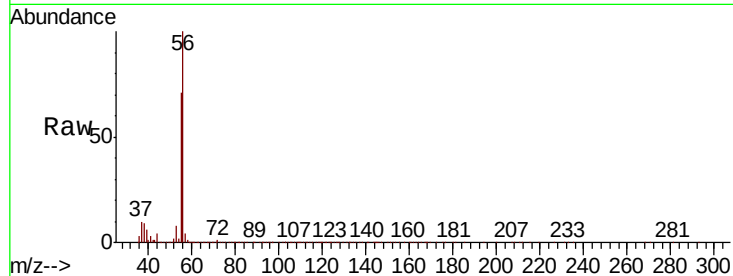
Ion Ratio Lower Upper

56 100

55 70.9 57.8 86.6

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#14

Allyl chloride

Concen: 43.719 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

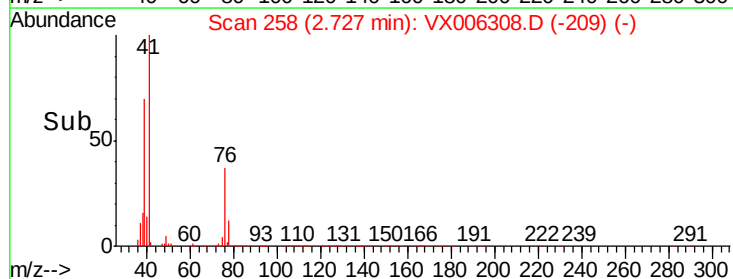
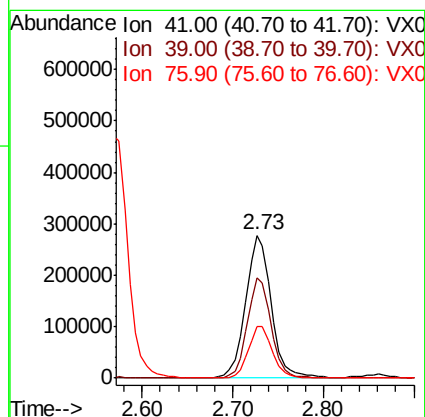
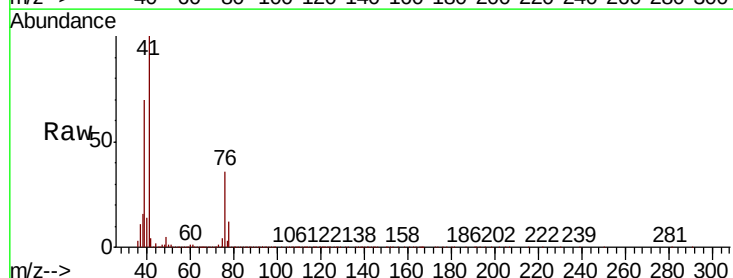
Tgt Ion: 41 Resp: 534004

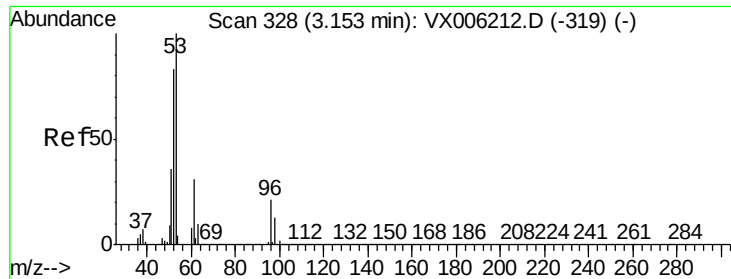
Ion Ratio Lower Upper

41 100

39 65.9 52.4 78.6

76 34.4 25.4 38.0





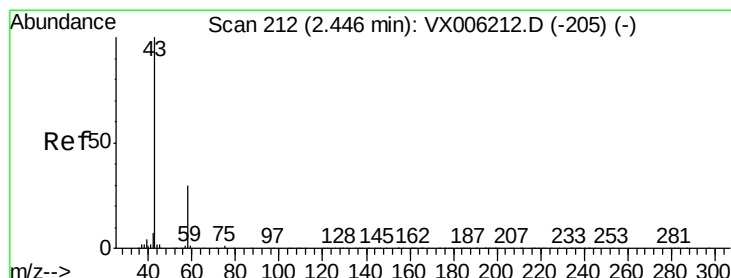
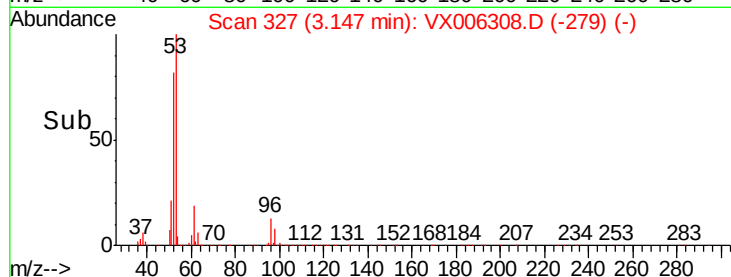
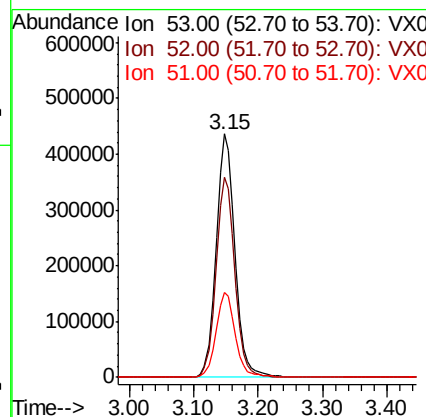
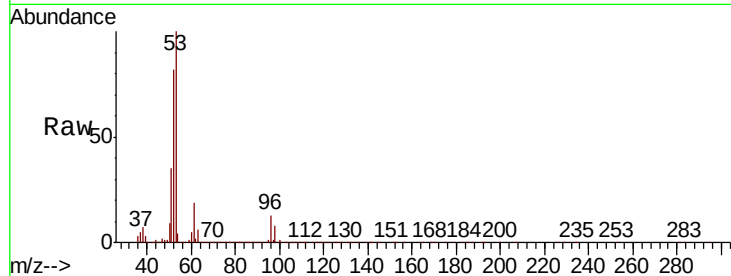
#15
 Acrylonitrile
 Concen: 223.284 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	888880
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.2	99.4
51	36.1	28.7	43.1

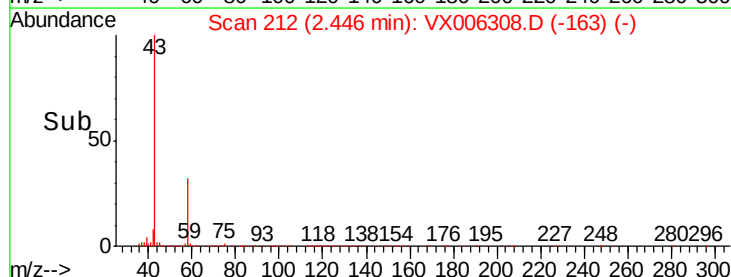
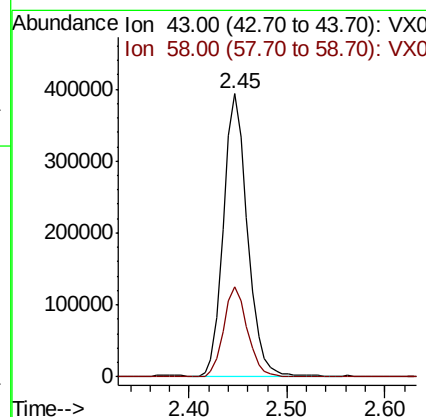
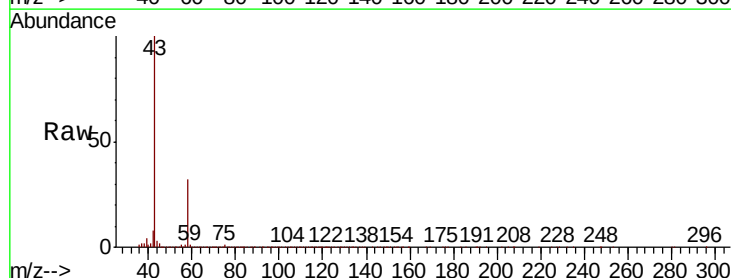
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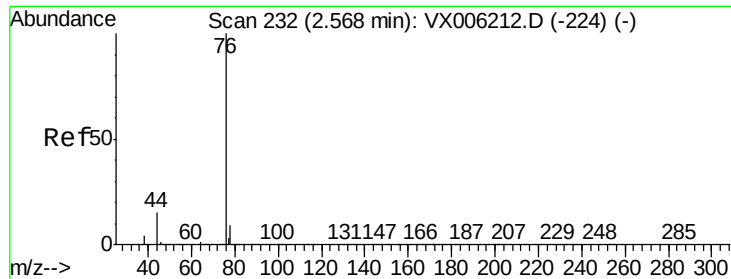
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#16
 Acetone
 Concen: 202.407 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion:	43	Resp:	662616
Ion Ratio	Lower	Upper	
43	100		
58	31.8	24.0	36.0





#17

Carbon Disulfide

Concen: 43.455 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 827949

Ion Ratio Lower Upper

76 100

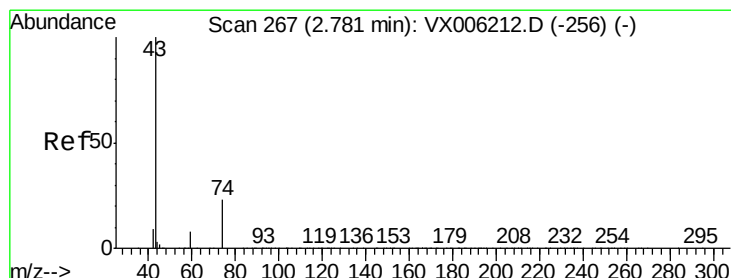
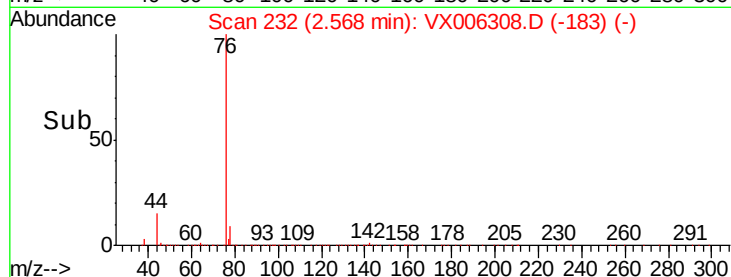
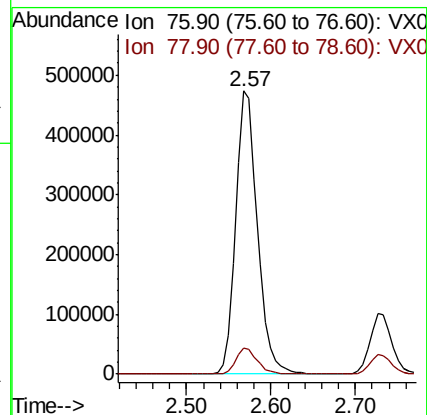
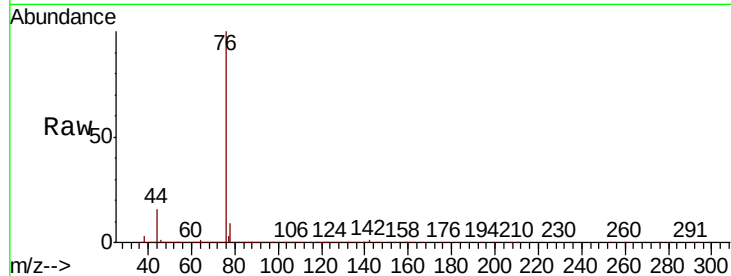
78 9.3 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 45.551 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006308.D

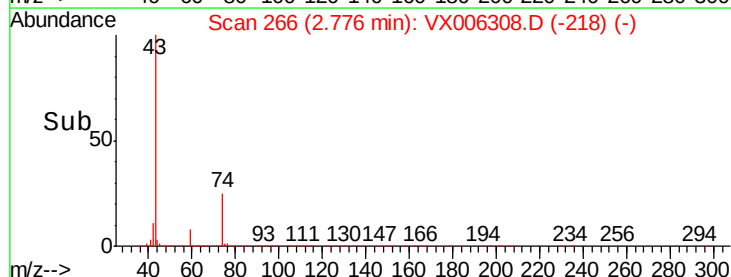
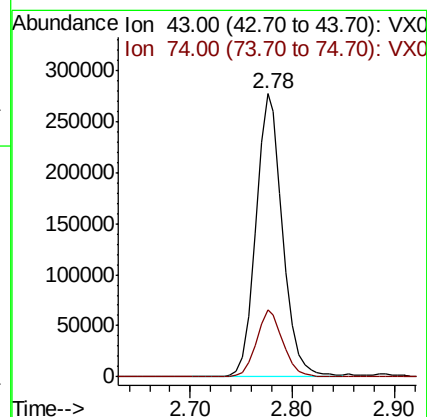
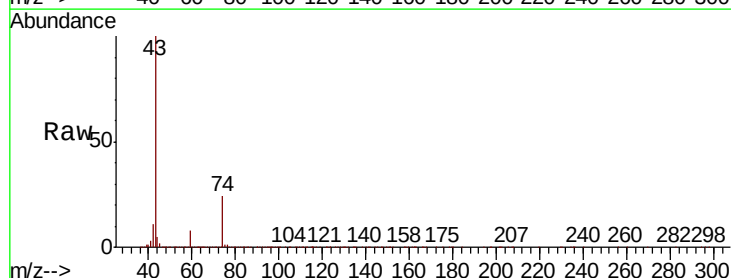
Acq: 06 Dec 2018 10:35

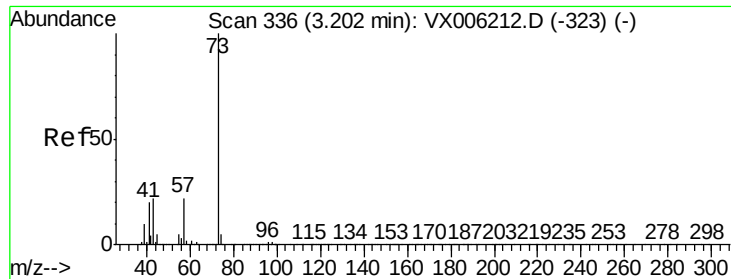
Tgt Ion: 43 Resp: 498680

Ion Ratio Lower Upper

43 100

74 24.2 17.9 26.9





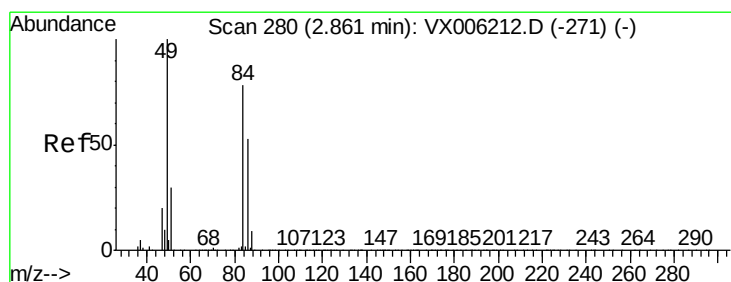
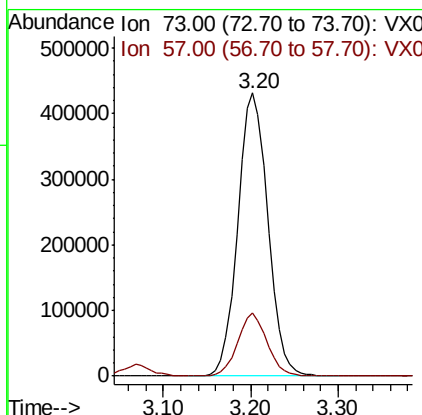
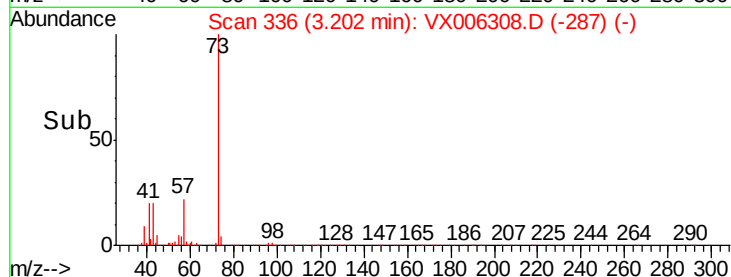
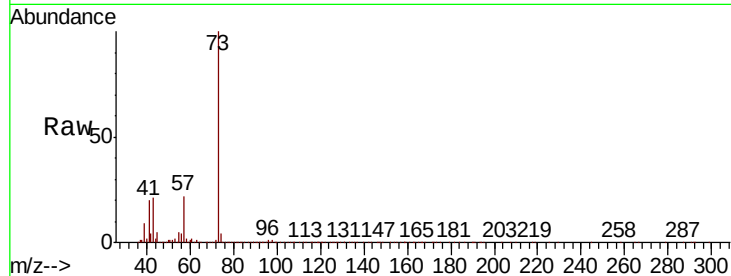
#19
Methyl tert-butyl Ether
Concen: 46.709 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1030316
Ion Ratio Lower Upper
73 100
57 22.2 17.5 26.3

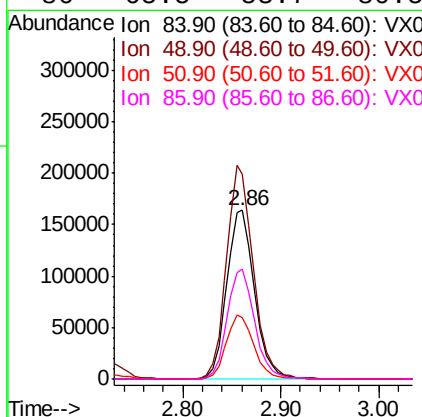
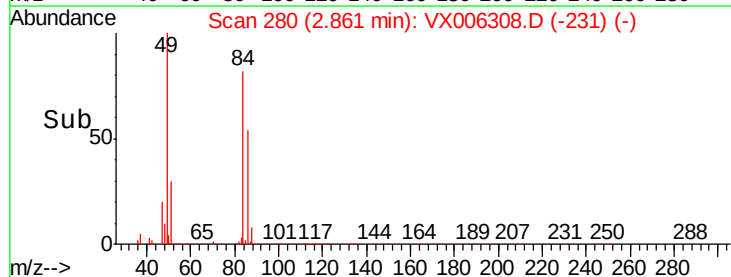
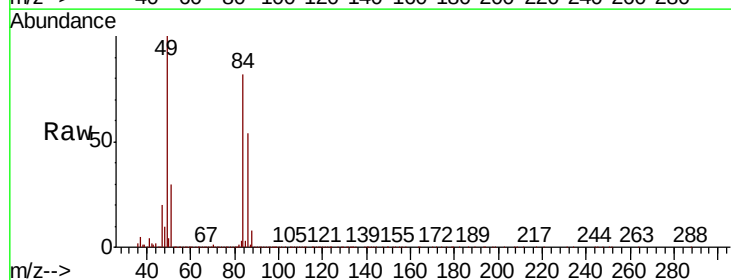
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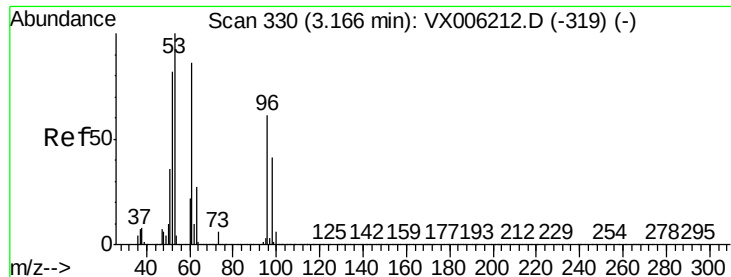
MMDadoda
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#20
Methylene Chloride
Concen: 45.920 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 84 Resp: 319933
Ion Ratio Lower Upper
84 100
49 121.8 102.2 153.4
51 36.0 31.1 46.7
86 65.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 47.059 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

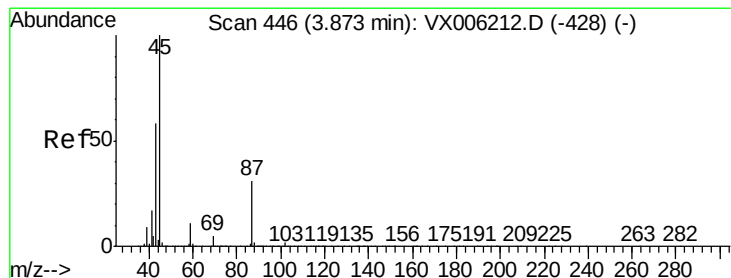
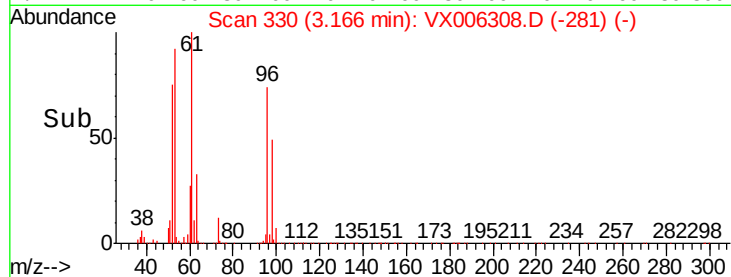
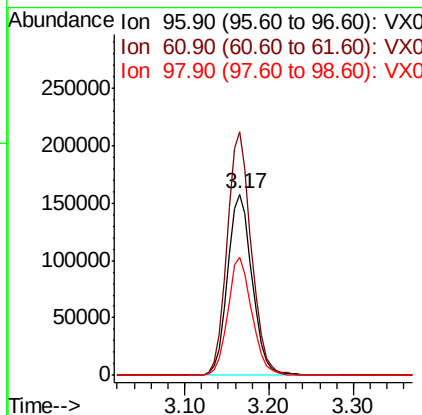
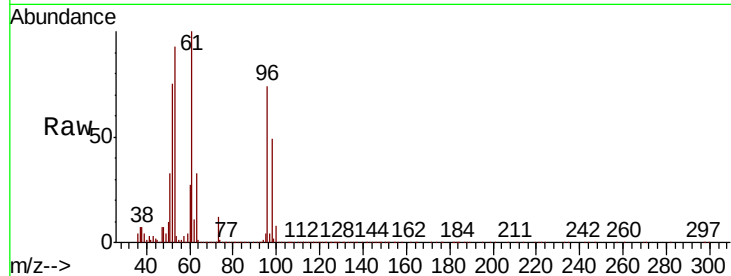
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	310083
Ion	Ratio	Lower	Upper
96	100		
61	134.6	113.3	169.9
98	65.3	53.2	79.8

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#22

Diisopropyl ether

Concen: 52.474 ug/l

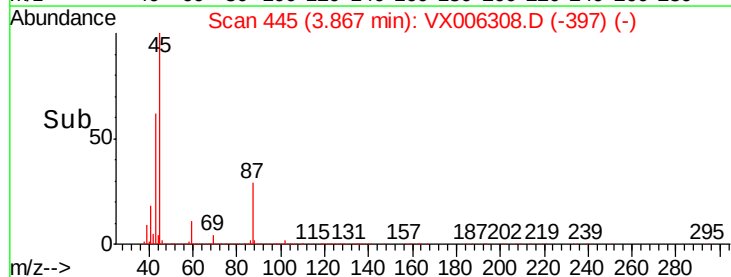
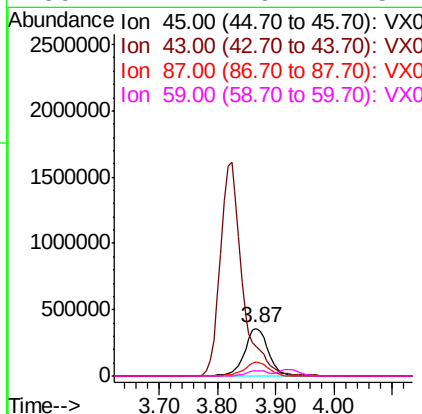
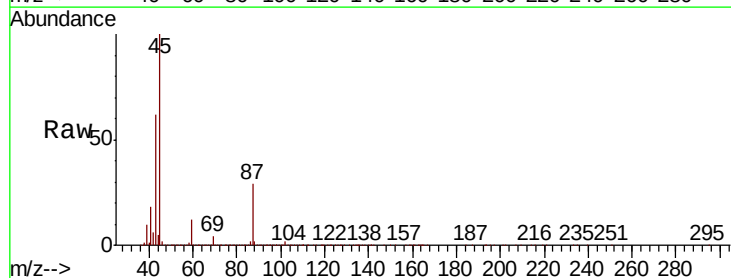
RT: 3.87 min Scan# 445

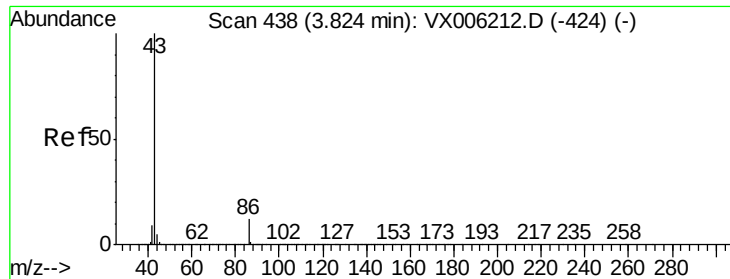
Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion:	45	Resp:	1001112
Ion	Ratio	Lower	Upper
45	100		
43	61.5	46.2	69.2
87	29.2	24.9	37.3
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 261.225 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4250697

Ion Ratio Lower Upper

43 100

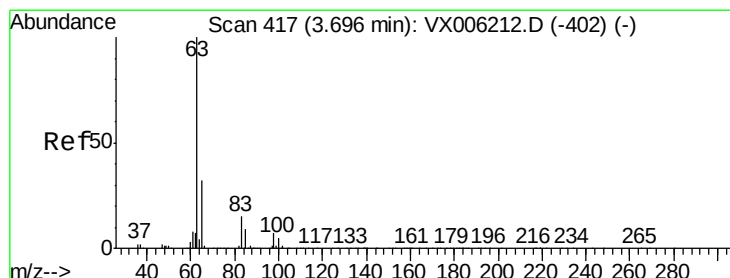
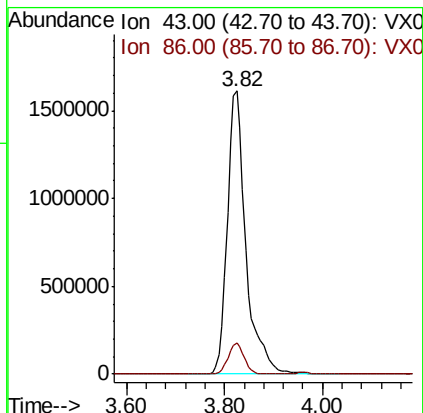
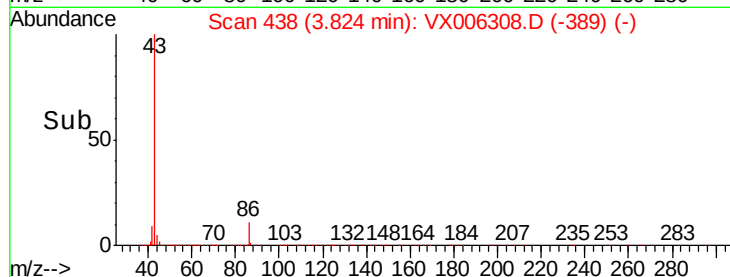
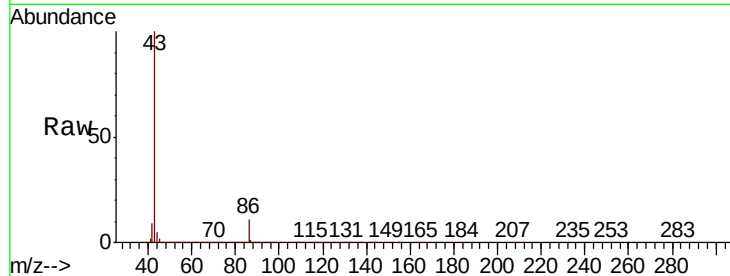
86 11.0 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 51.559 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

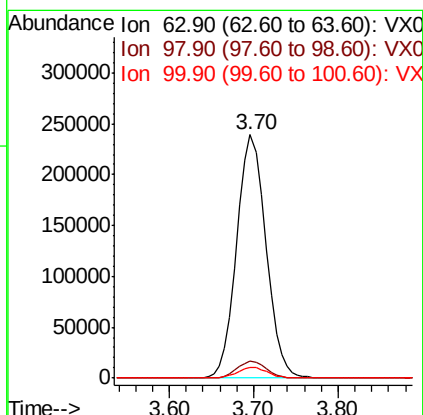
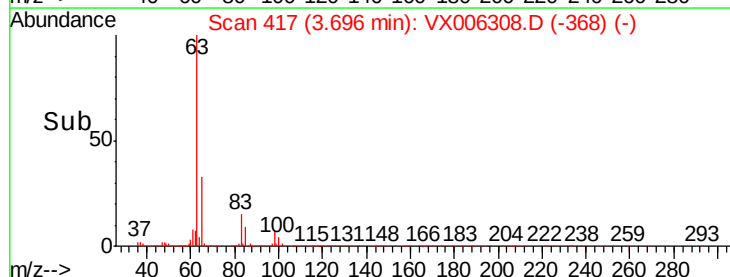
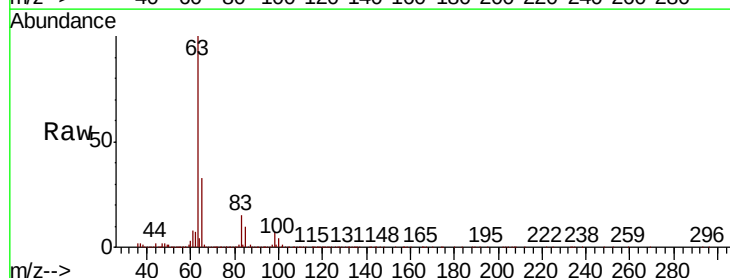
Tgt Ion: 63 Resp: 562237

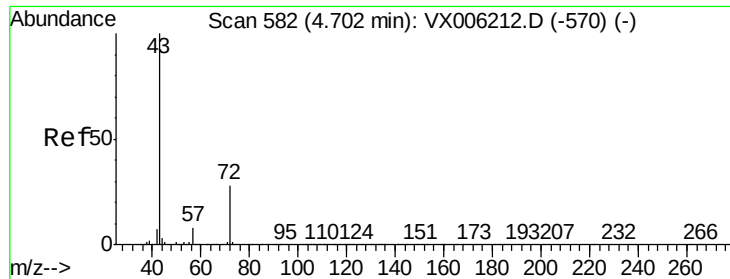
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 224.293 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tot Ion: 43 Resp: 1047687

Ion Ratio Lower Upper

43 100

72 29.3 22.6 33.8

Instrument :

MSVOA_X

ClientSampleId :

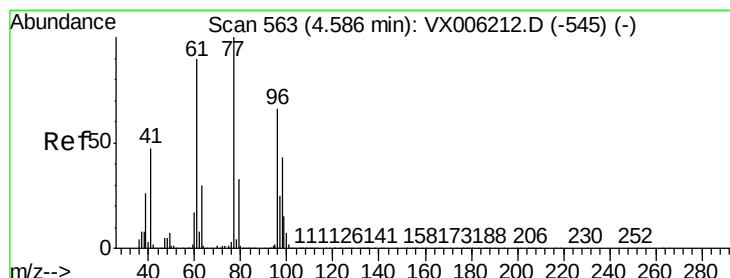
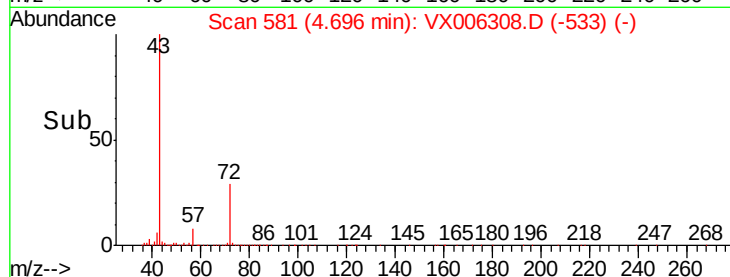
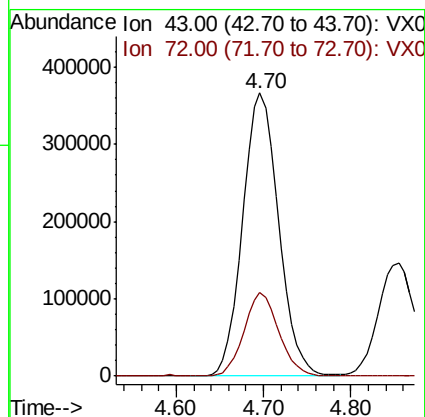
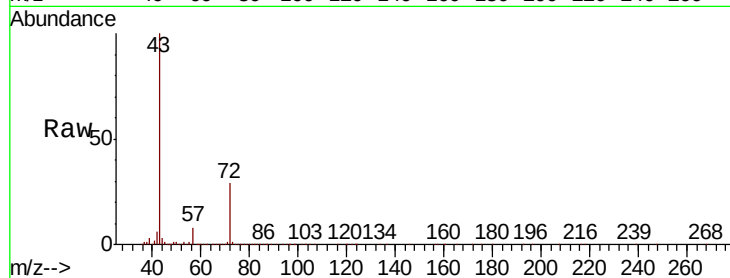
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.801 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006308.D

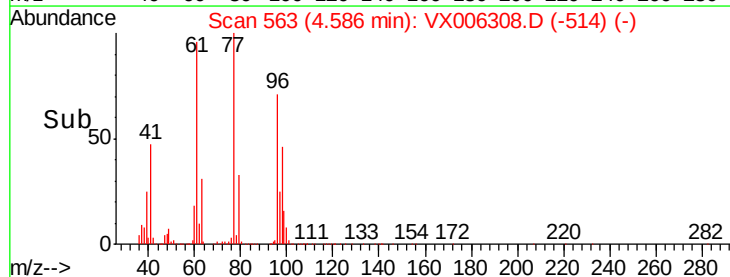
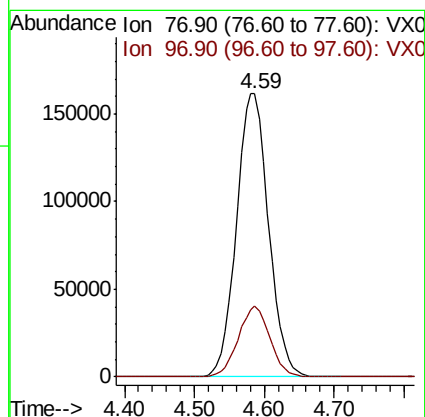
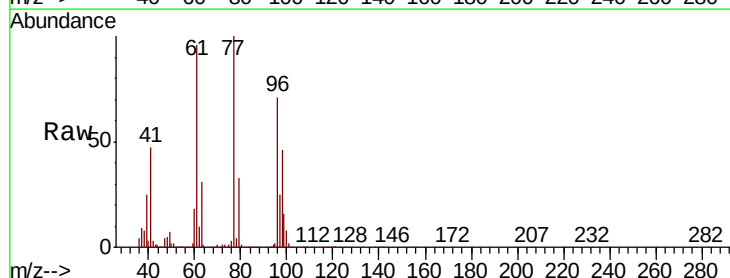
Acq: 06 Dec 2018 10:35

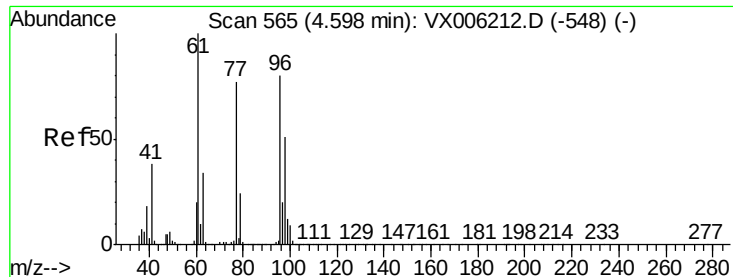
Tgt Ion: 77 Resp: 511253

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.8





#27

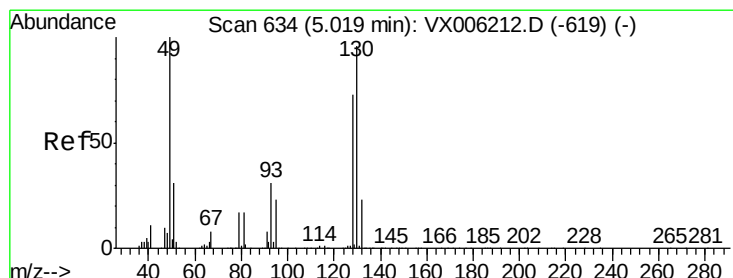
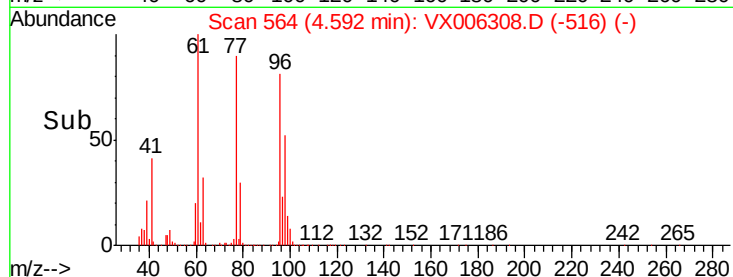
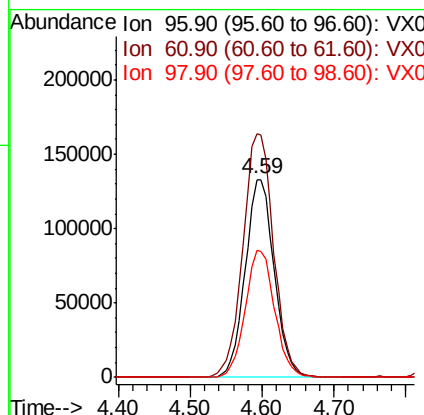
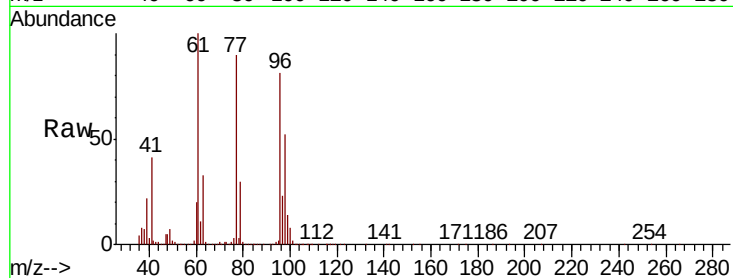
cis-1,2-Dichloroethene
Concen: 50.574 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	265.0
98	65.0	0.0	130.2

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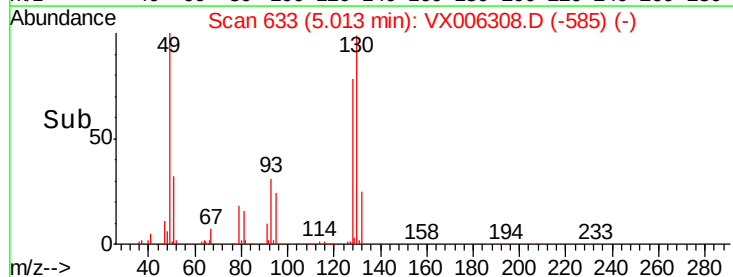
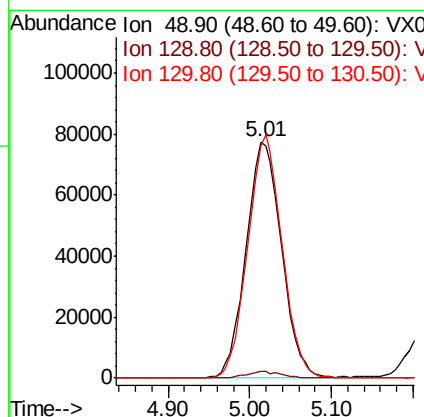
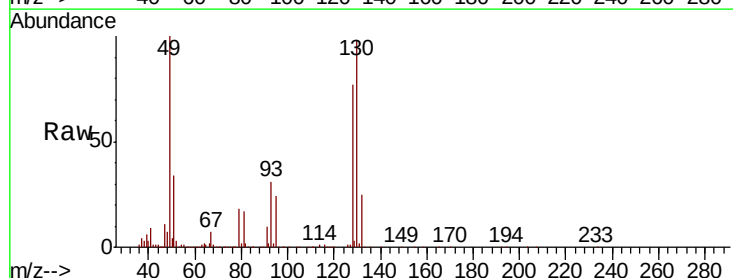
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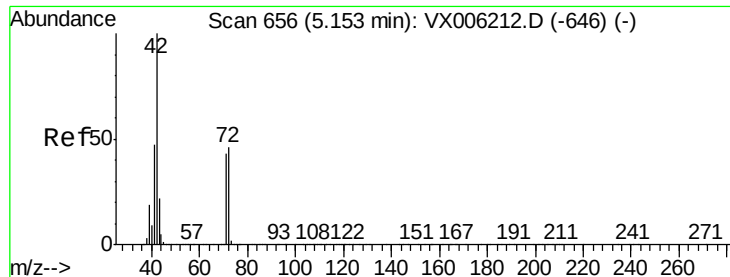


#28

Bromochloromethane
Concen: 49.279 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	99.1	78.3	117.5





#29

Tetrahydrofuran

Concen: 227.405 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

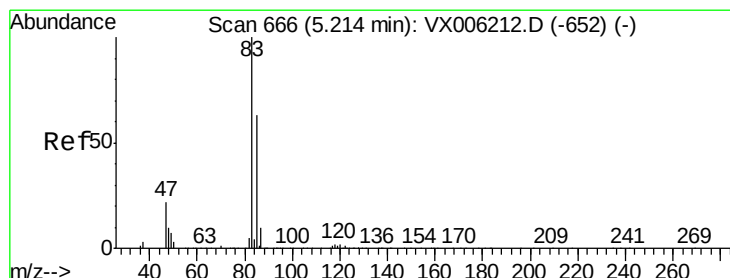
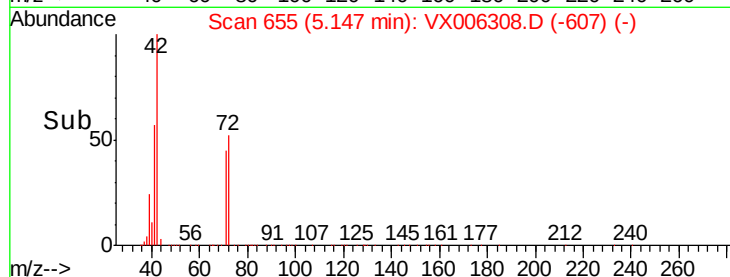
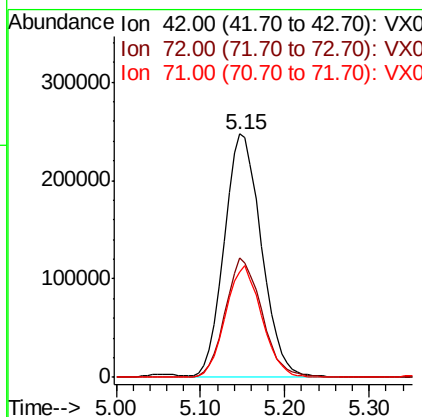
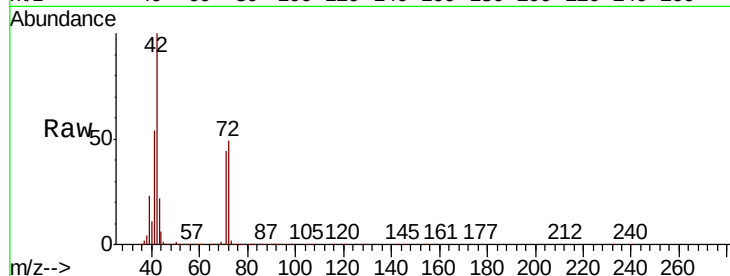
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	738244
Ion	Ratio	Lower	Upper
42	100		
72	48.5	37.8	56.8
71	44.9	35.2	52.8

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#30

Chloroform

Concen: 50.108 ug/l

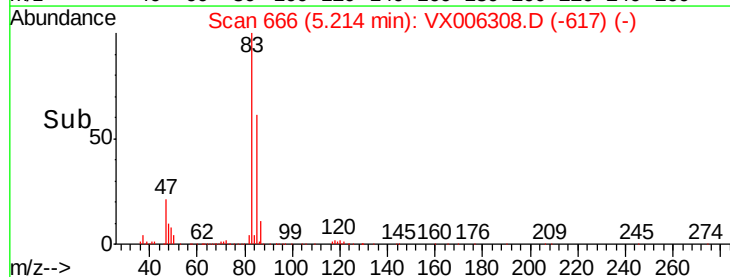
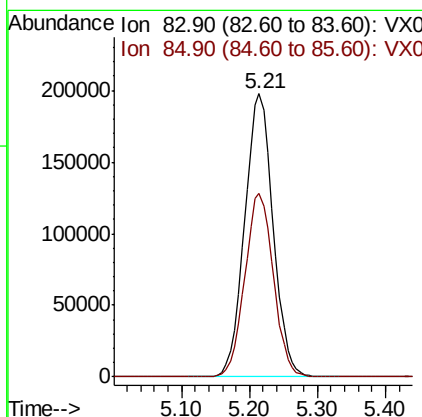
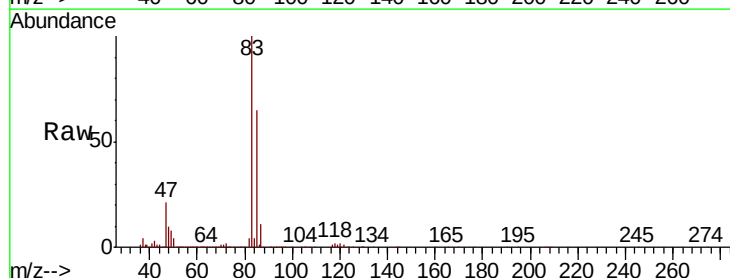
RT: 5.21 min Scan# 666

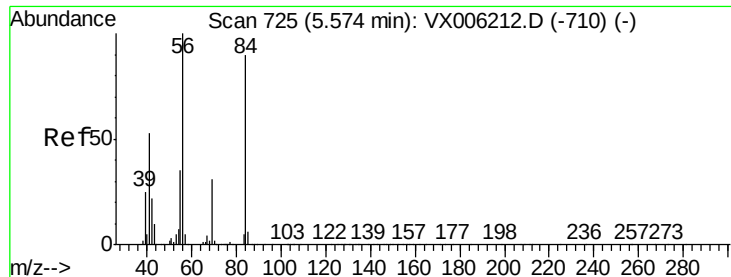
Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion:	83	Resp:	574215
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.3	75.5





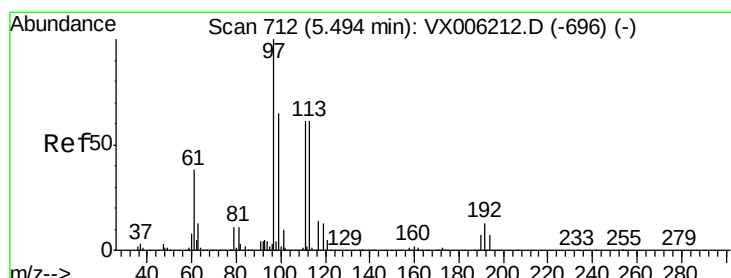
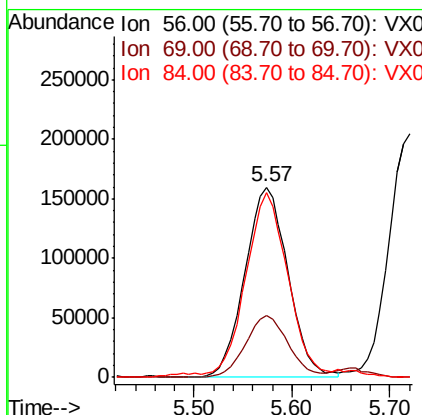
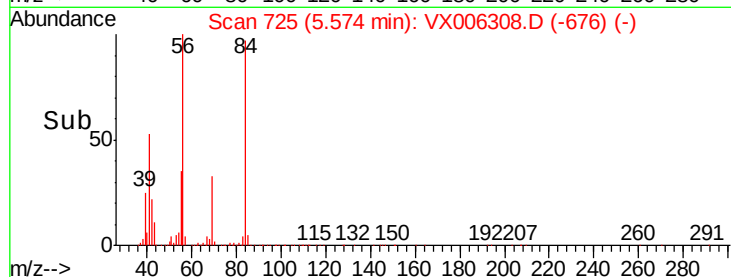
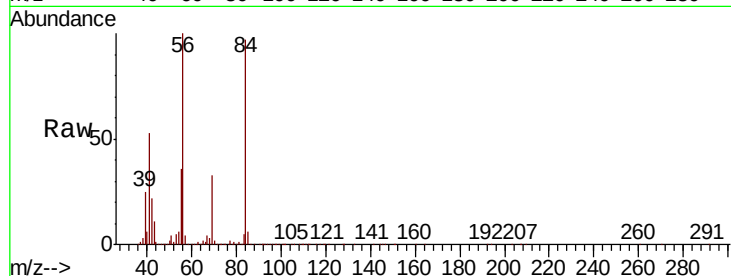
#31
Cyclohexane
Concen: 48.207 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	24.5	36.7
84	95.5	71.8	107.6

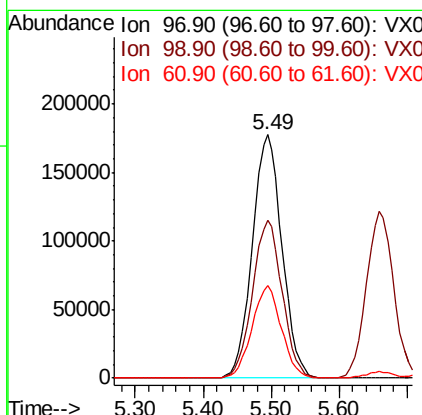
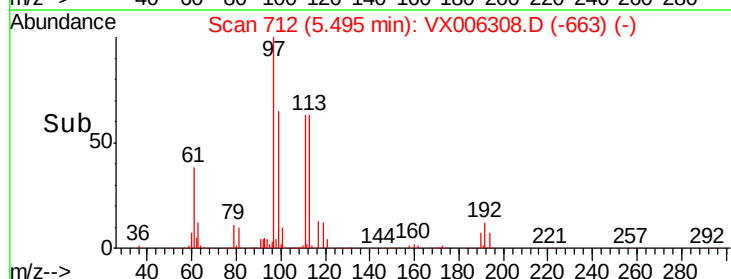
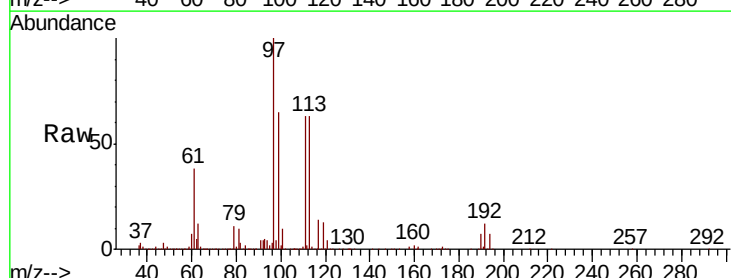
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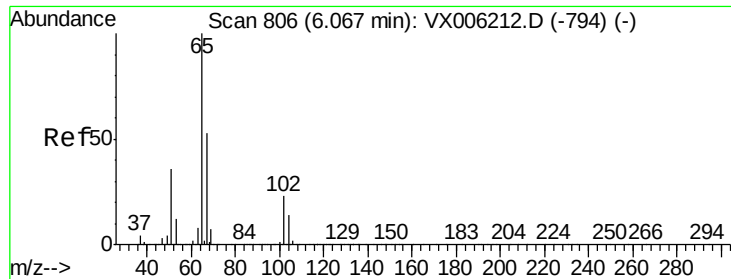
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#32
1,1,1-Trichloroethane
Concen: 49.561 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	37.5	30.6	46.0





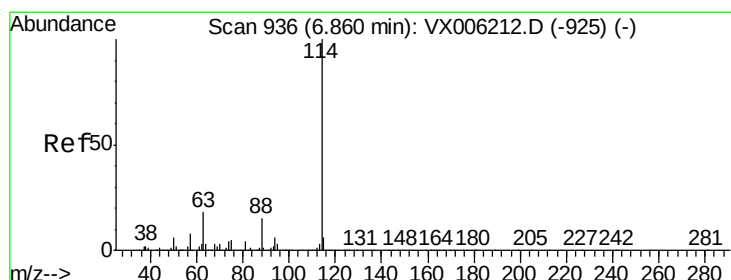
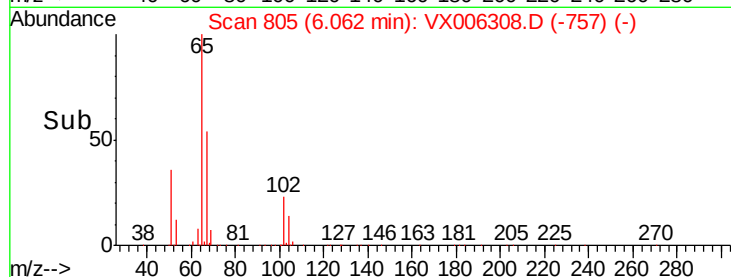
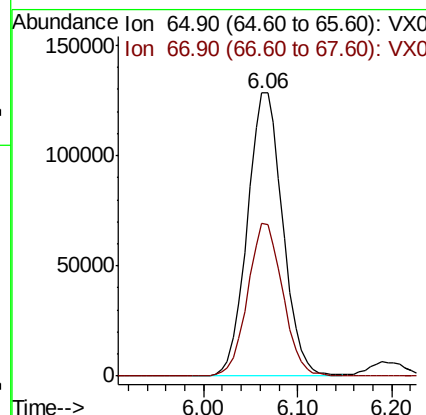
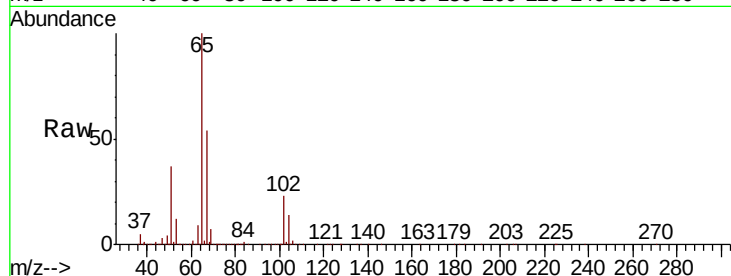
#33
 1,2-Dichloroethane-d4
 Concen: 48.560 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.2

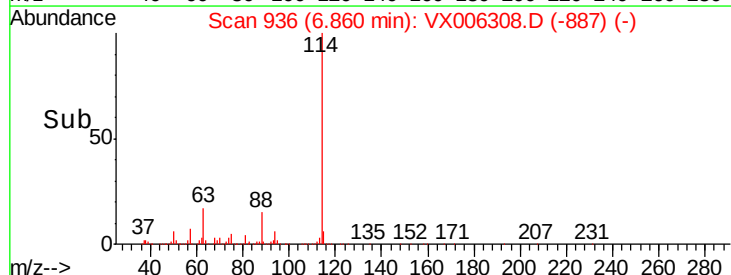
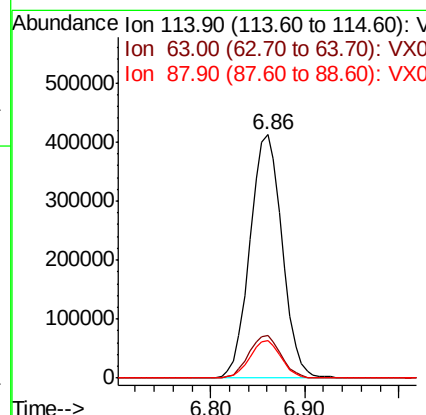
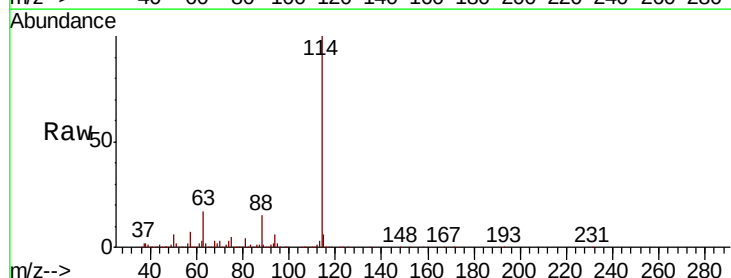
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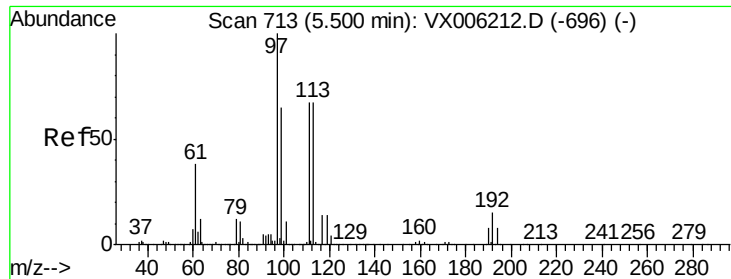
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.6
88	15.4	0.0	29.0





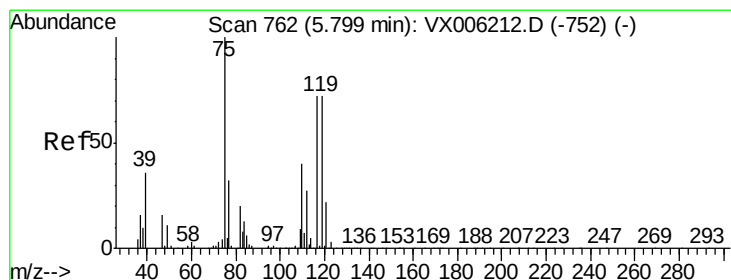
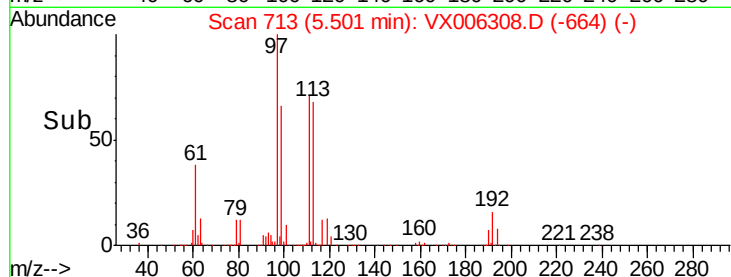
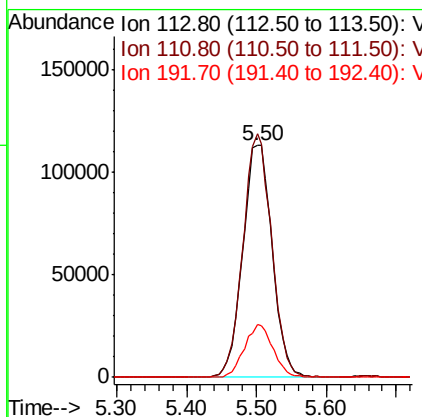
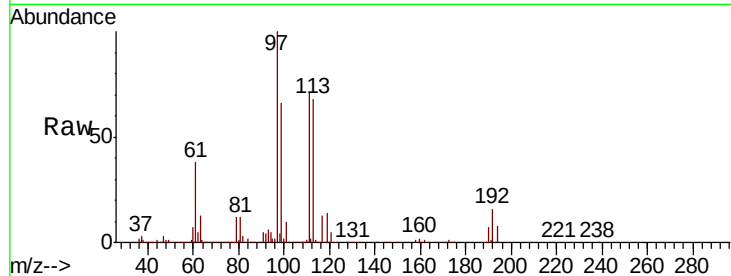
#35
 Dibromofluoromethane
 Concen: 51.842 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	22.3	18.2	27.2

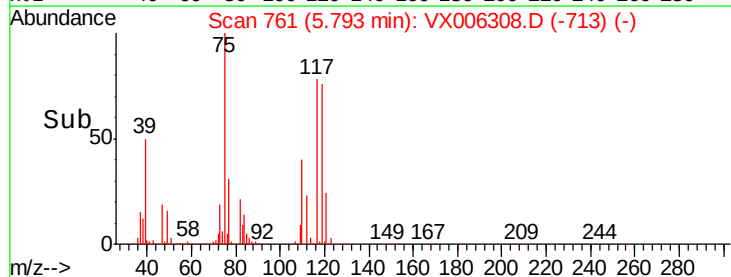
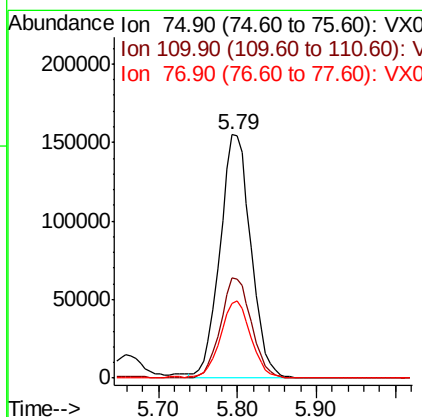
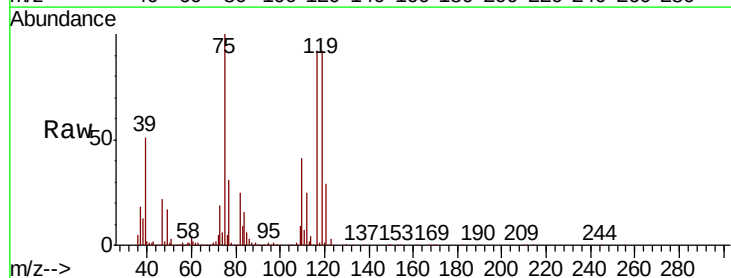
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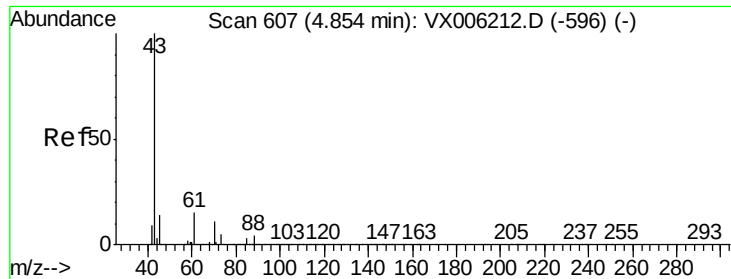
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#36
 1,1-Dichloropropene
 Concen: 50.810 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.3	20.4	61.3
77	31.0	24.9	37.3





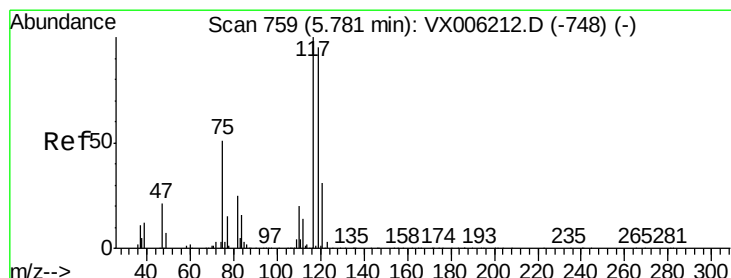
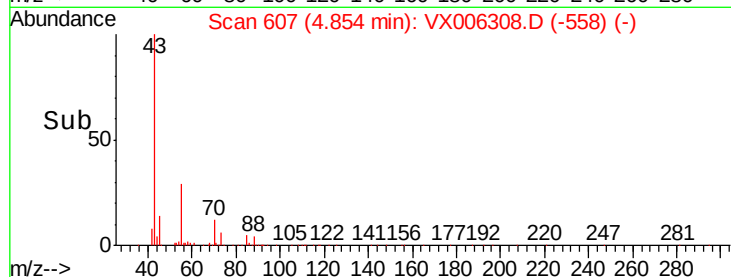
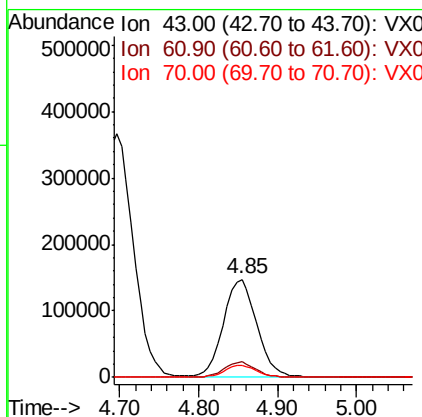
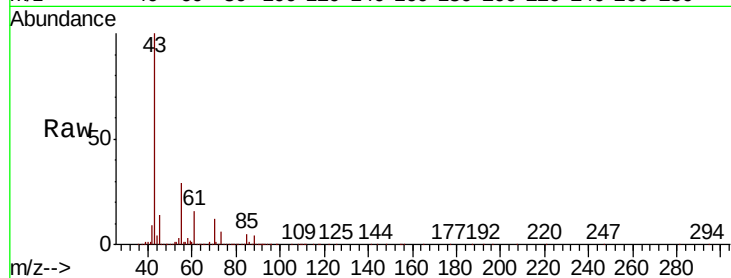
#37
Ethyl Acetate
Concen: 46.634 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	12.1	9.0	13.6

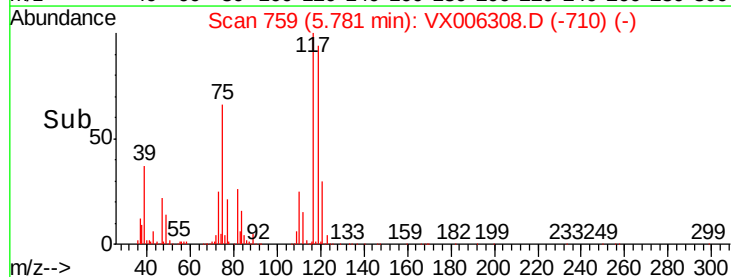
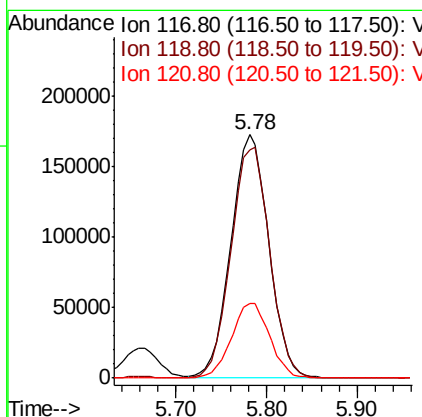
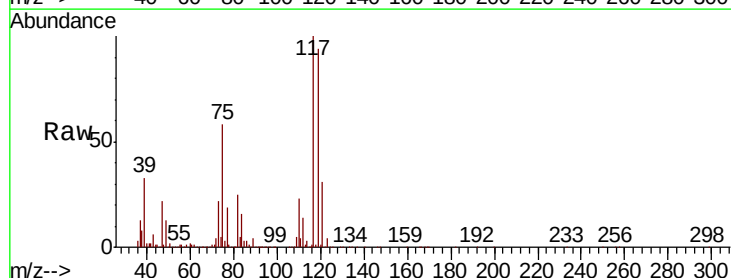
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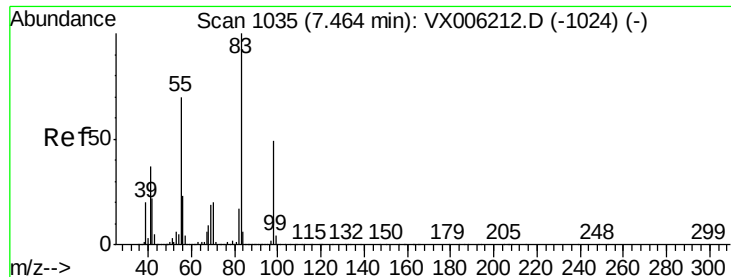
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#38
Carbon Tetrachloride
Concen: 51.098 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.8
121	30.7	24.6	37.0





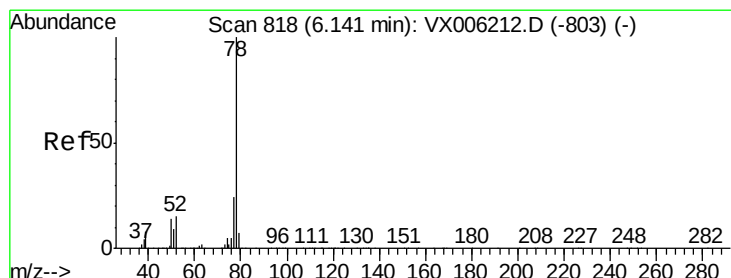
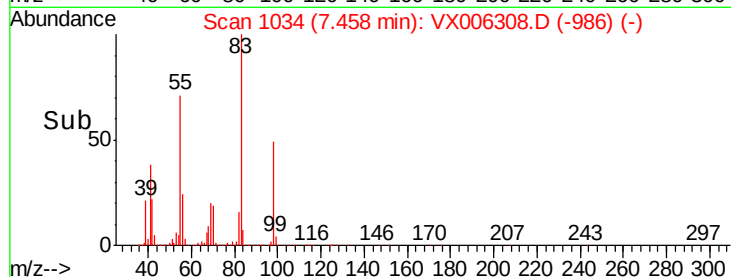
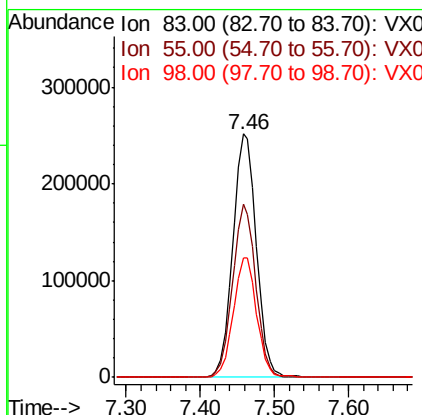
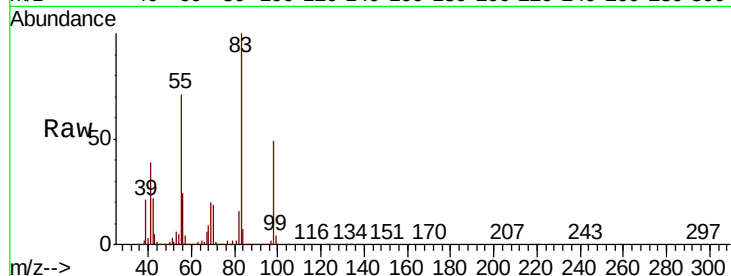
#39
Methylvlcyclohexane
Concen: 51.755 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.1	56.4	84.6
98	49.1	39.0	58.6

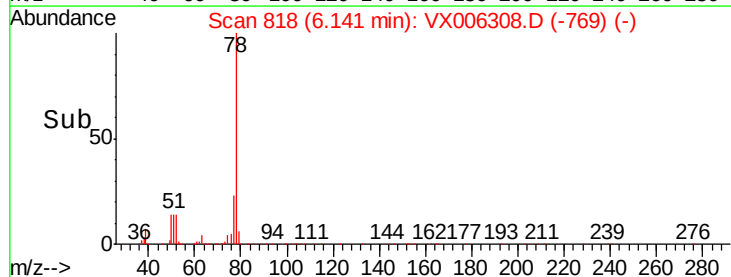
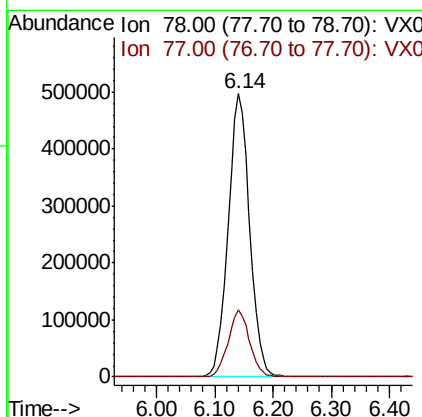
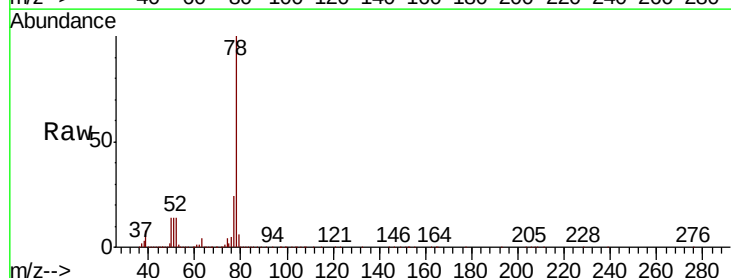
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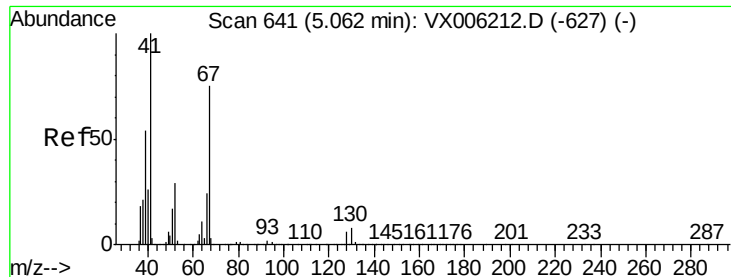
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#40
Benzene
Concen: 51.168 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 47.259 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

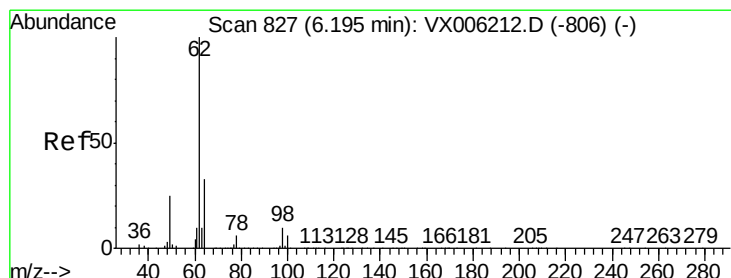
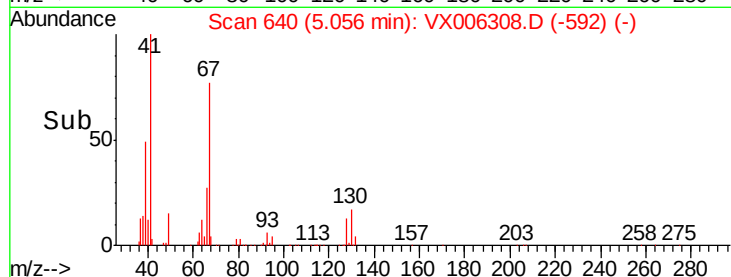
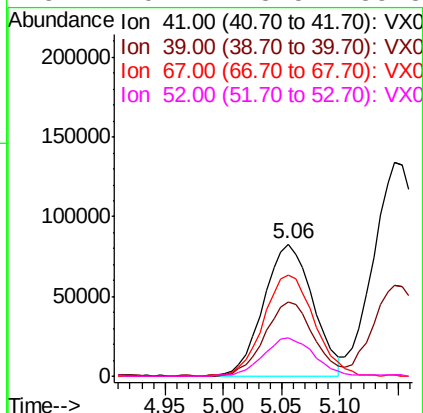
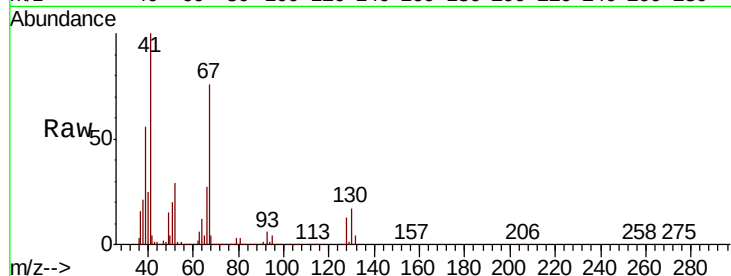
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		241701		
39	55.9	44.0	66.0		
67	78.7	61.4	92.0		
52	29.4	23.5	35.3		

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#42

1,2-Dichloroethane

Concen: 51.637 ug/l

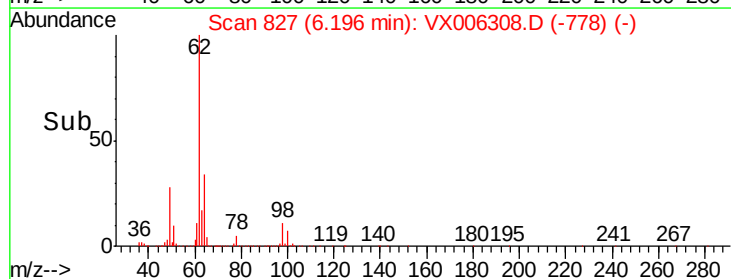
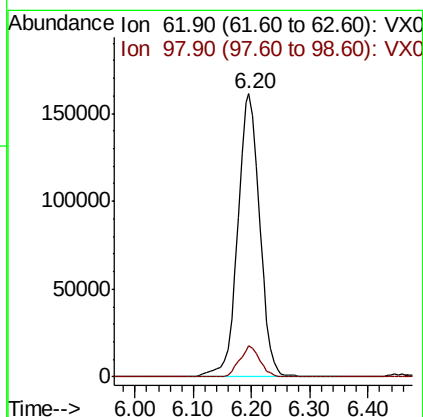
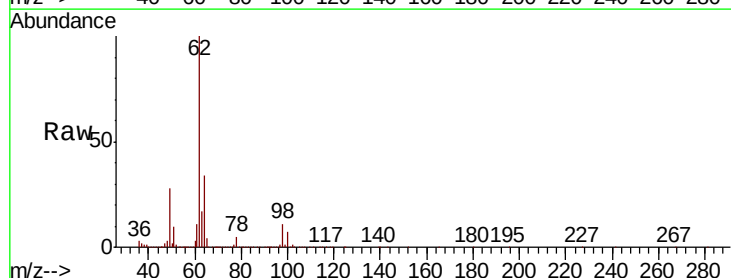
RT: 6.20 min Scan# 827

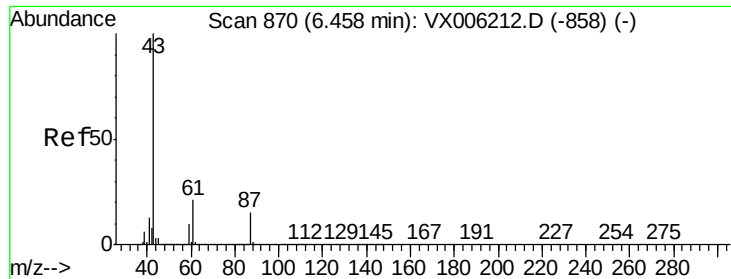
Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		420104		
98	10.2	0.0	20.2		





#43

Isopropyl Acetate

Concen: 47.209 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

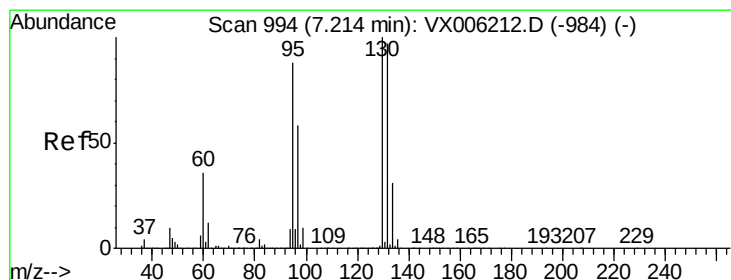
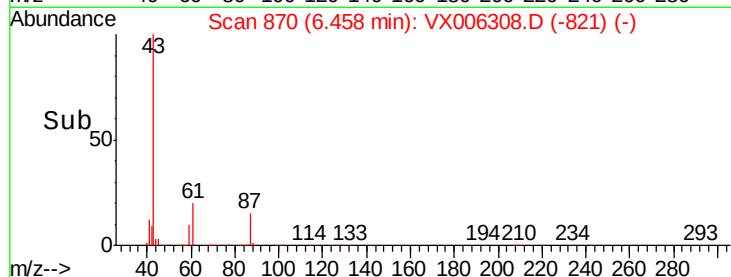
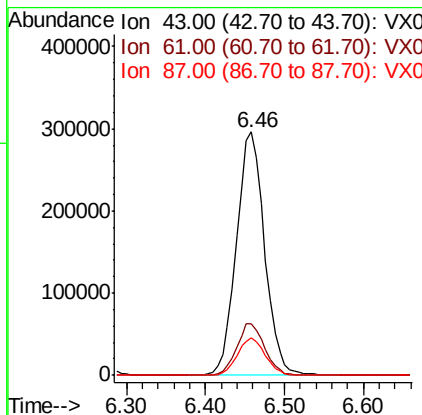
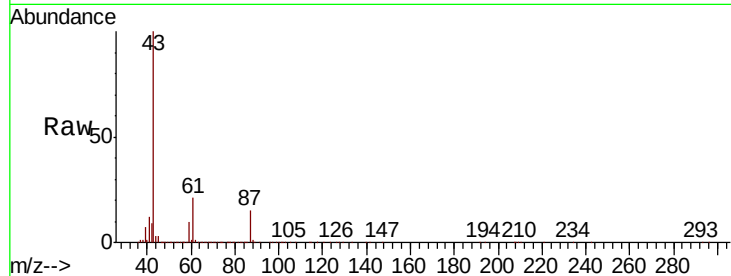
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	731582
Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.8	25.2
87	15.3	11.9	17.9

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#44

Trichloroethene

Concen: 51.691 ug/l

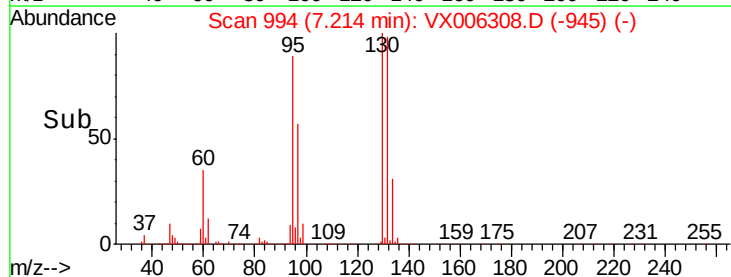
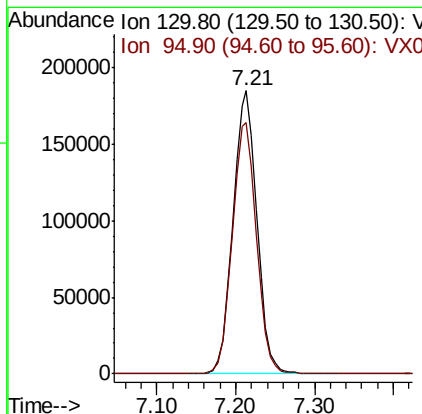
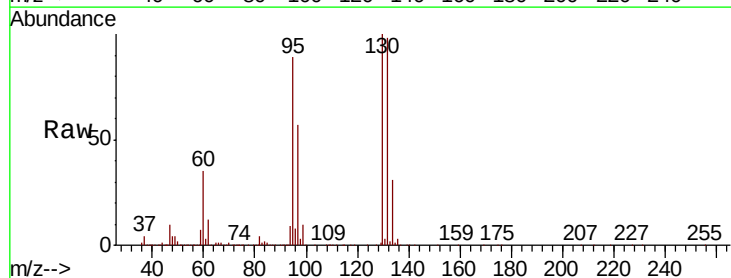
RT: 7.21 min Scan# 994

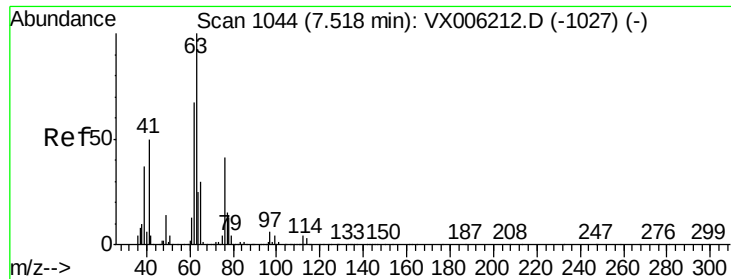
Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion:	130	Resp:	389268
Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	175.8





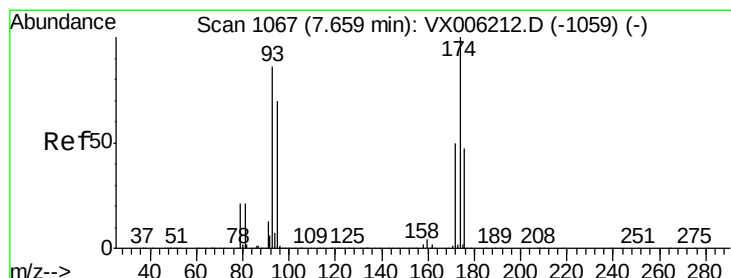
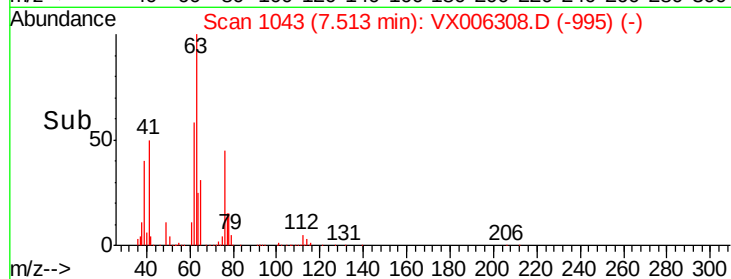
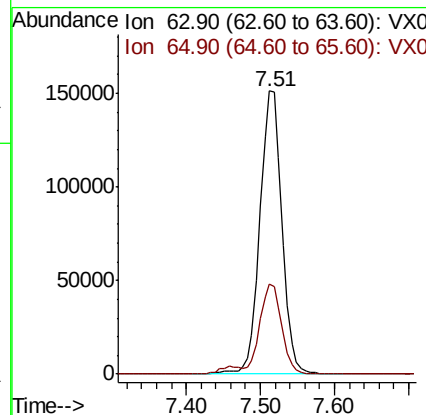
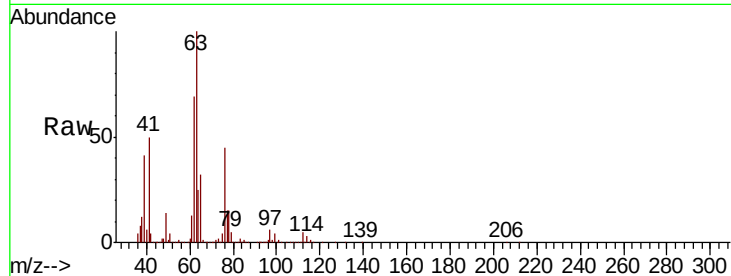
#45
 1,2-Dichloropropane
 Concen: 50.044 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.3	36.5

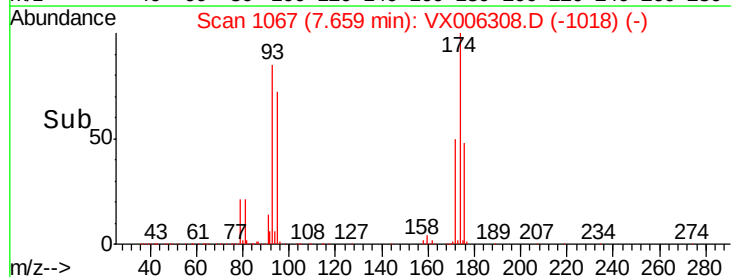
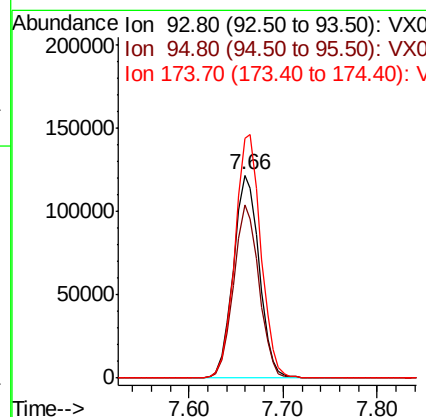
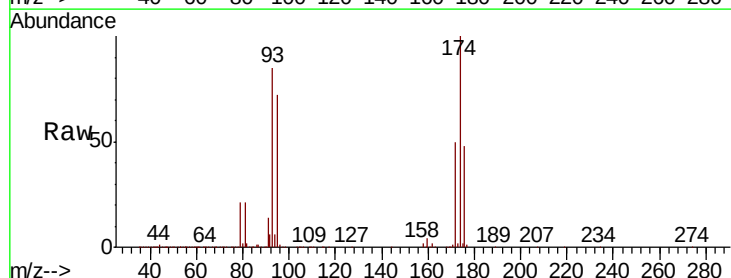
Manual Integrations
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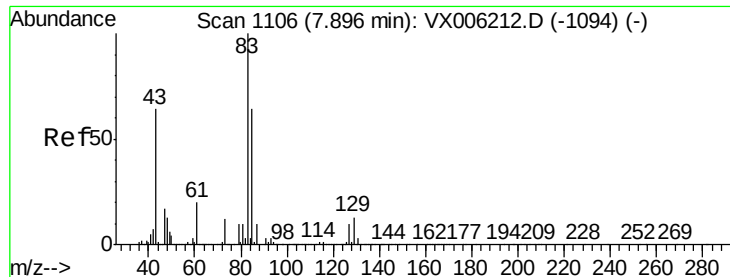
MMDadoda
 12/7/2018 11:18:59 AM



#46
 Dibromomethane
 Concen: 50.908 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.2	99.4
174	120.6	97.2	145.8





#47

Bromodichloromethane

Concen: 51.001 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

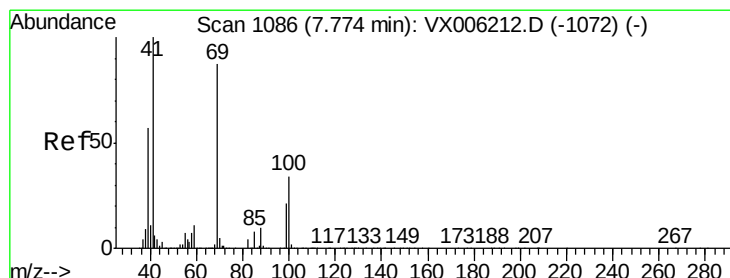
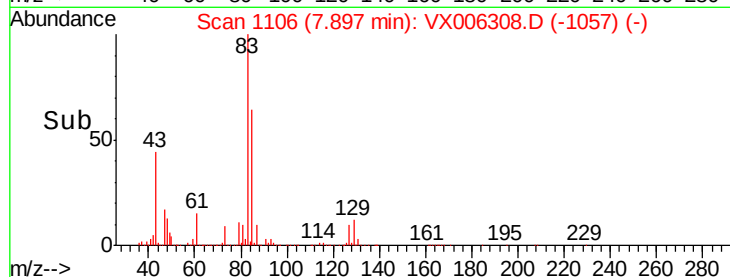
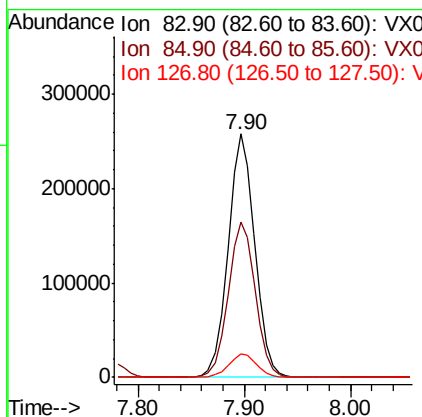
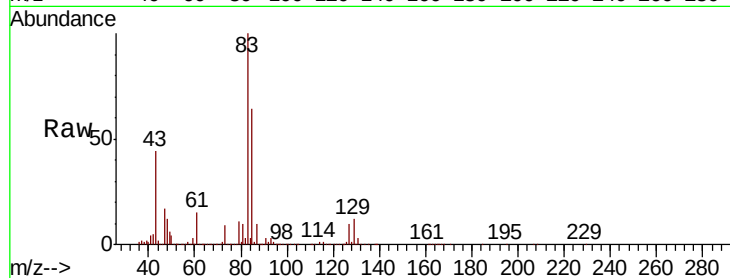
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	450649
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.4	77.0
127	9.5	7.9	11.9

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#48

Methyl methacrylate

Concen: 48.155 ug/l

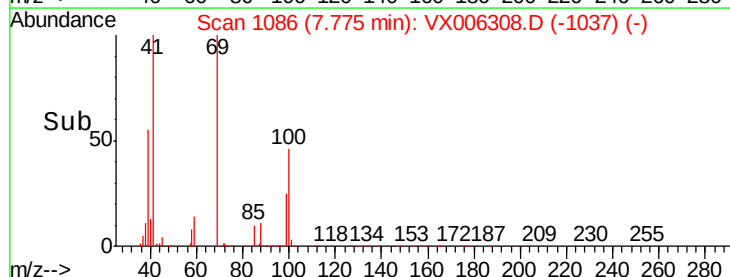
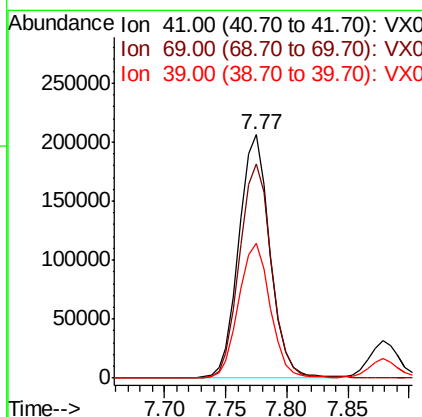
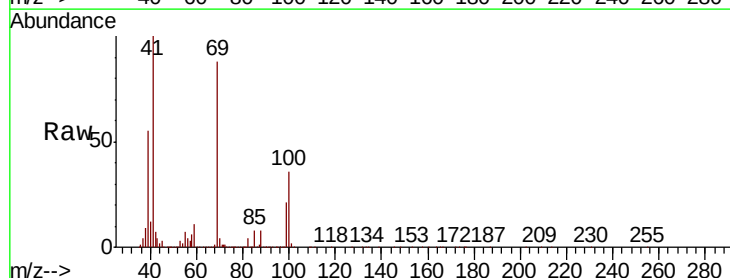
RT: 7.77 min Scan# 1086

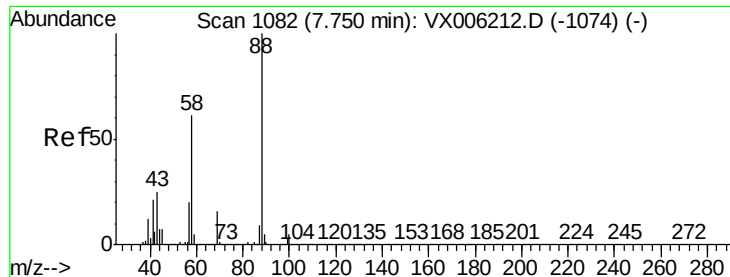
Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion:	41	Resp:	363039
Ion Ratio	Lower	Upper	
41	100		
69	90.6	70.3	105.5
39	56.1	45.3	67.9





#49

1,4-Dioxane

Concen: 954.453 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

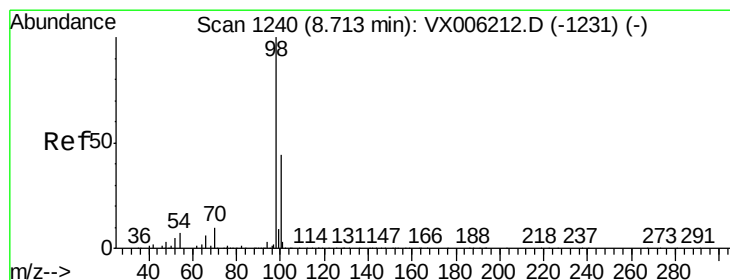
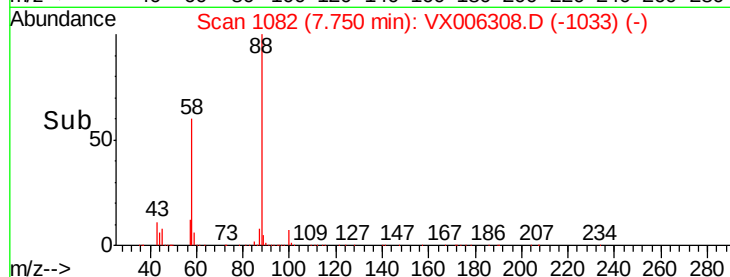
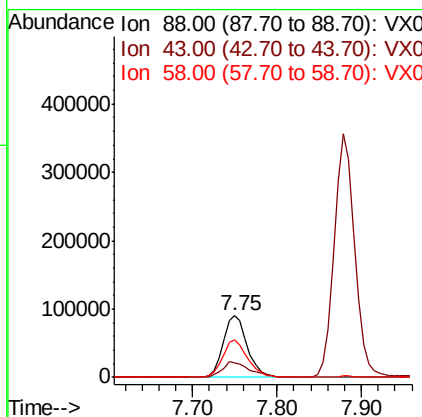
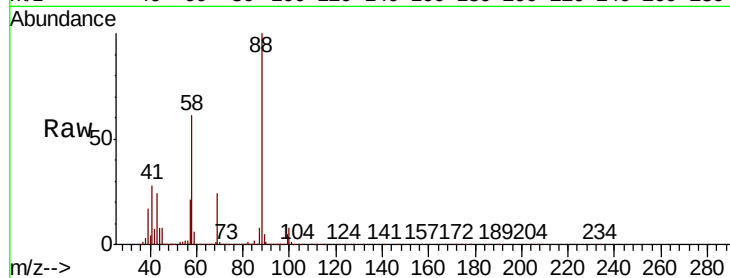
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	177346
Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.2	34.8
58	62.0	51.4	77.0

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#50

Toluene-d8

Concen: 50.118 ug/l

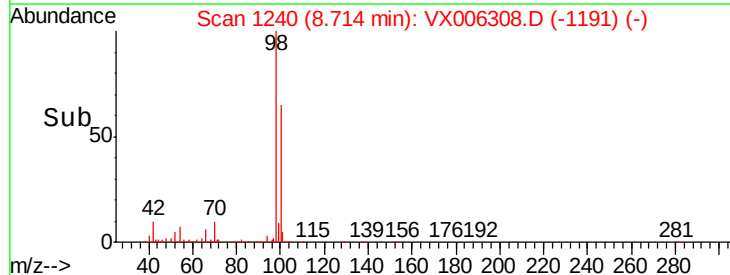
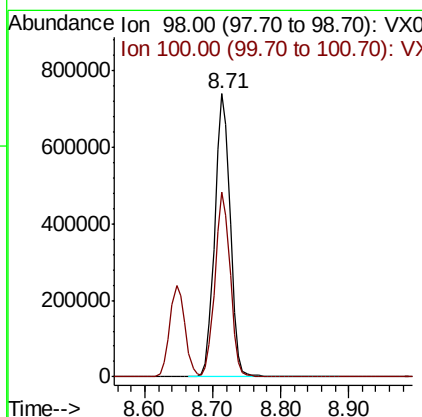
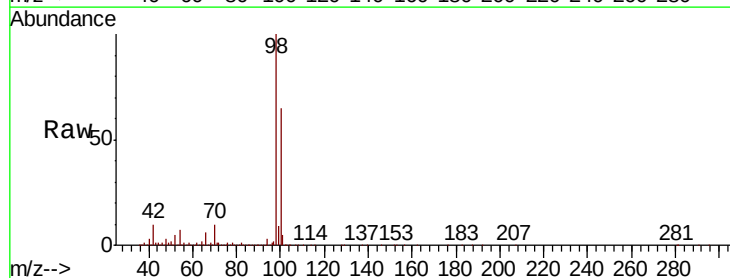
RT: 8.71 min Scan# 1240

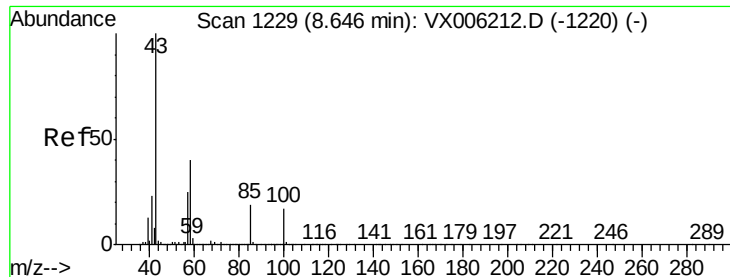
Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion:	98	Resp:	1163309
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 238.799 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2154280

Ion Ratio Lower Upper

43 100

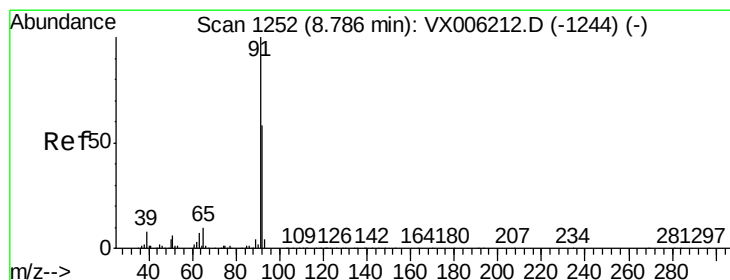
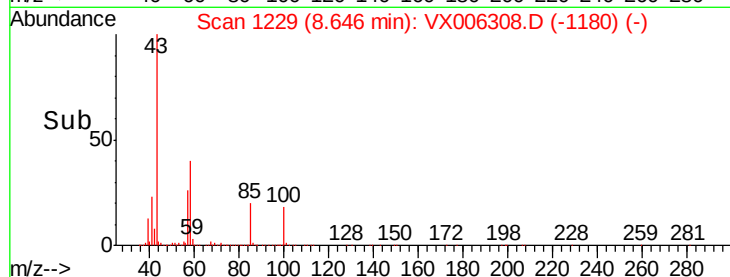
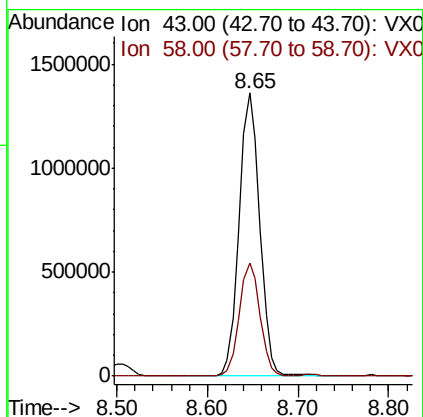
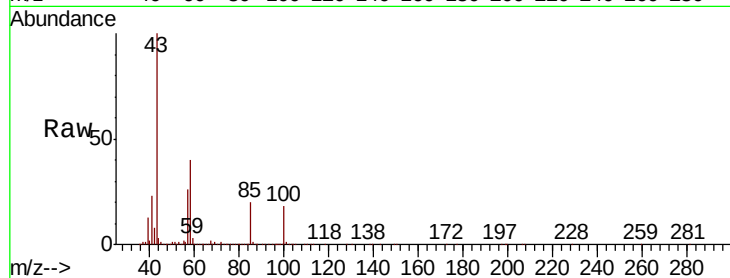
58 40.0 31.3 46.9

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#52

Toluene

Concen: 50.395 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006308.D

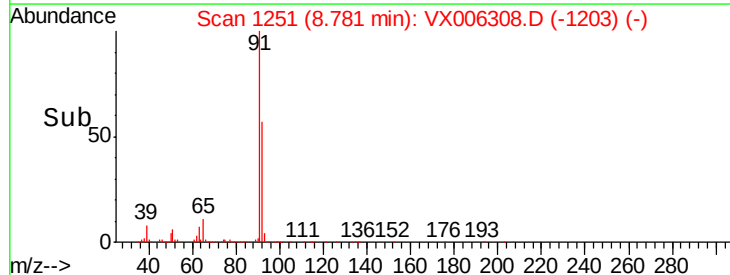
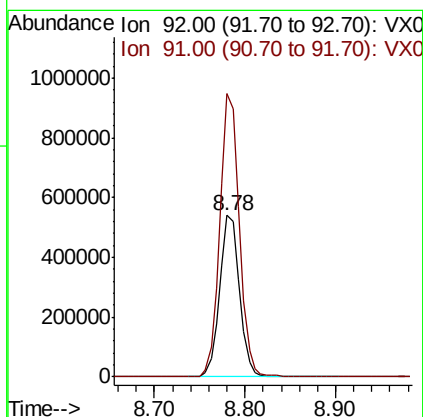
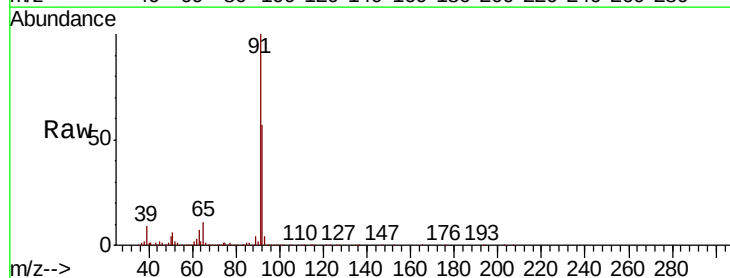
Acq: 06 Dec 2018 10:35

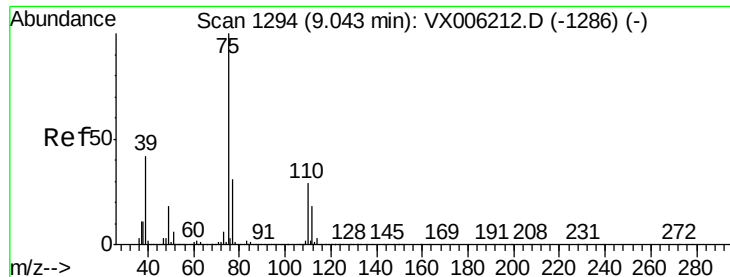
Tgt Ion: 92 Resp: 824173

Ion Ratio Lower Upper

92 100

91 173.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 49.270 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 509144

Ion Ratio Lower Upper

75 100

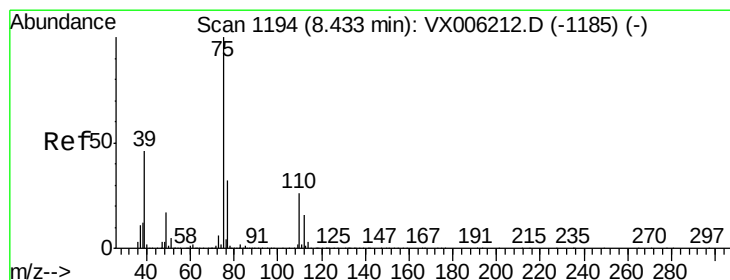
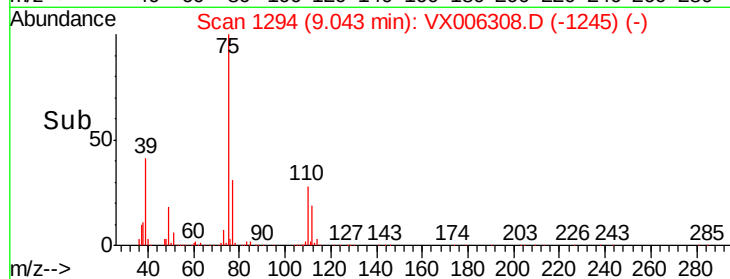
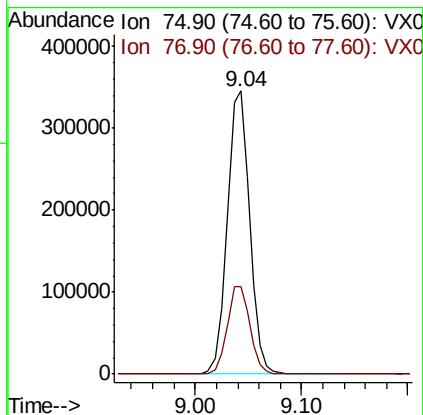
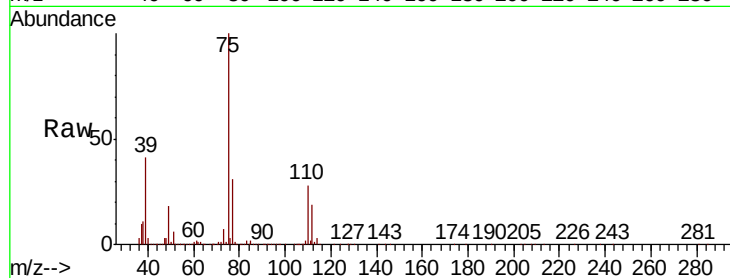
77 31.0 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 49.913 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

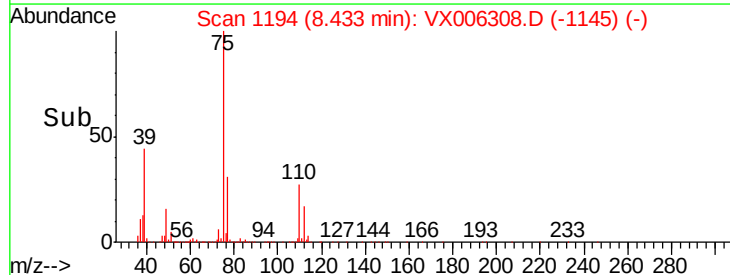
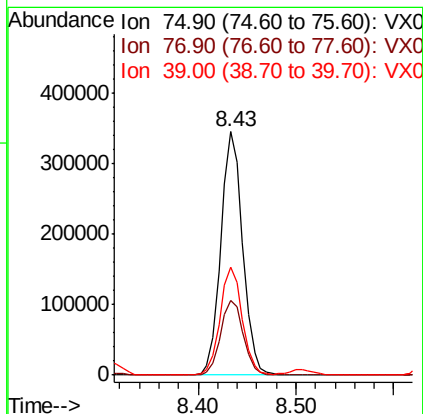
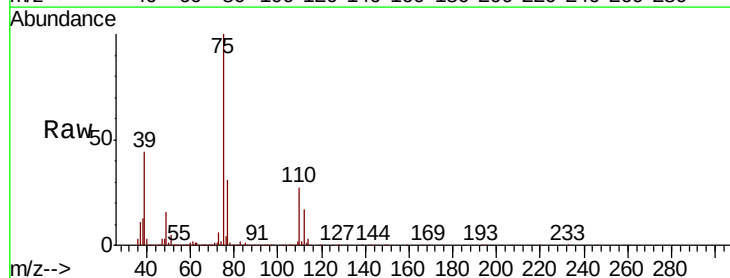
Tgt Ion: 75 Resp: 535591

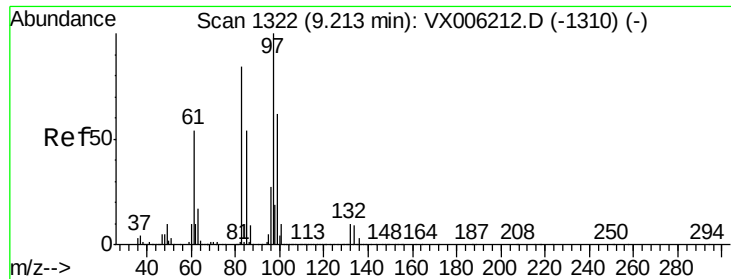
Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4

39 44.3 36.5 54.7





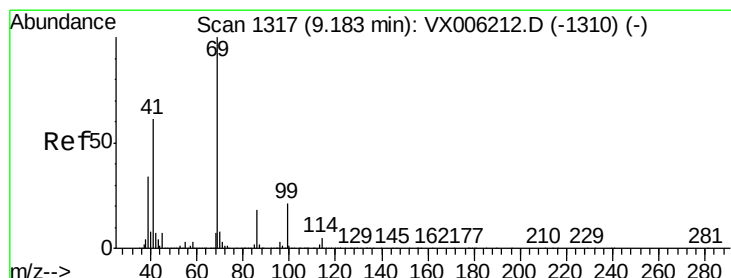
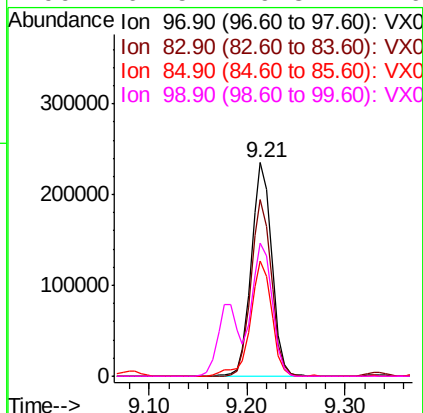
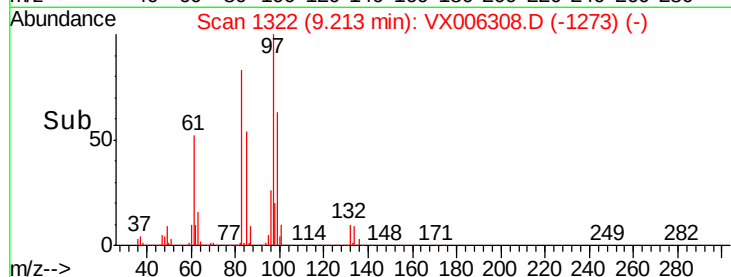
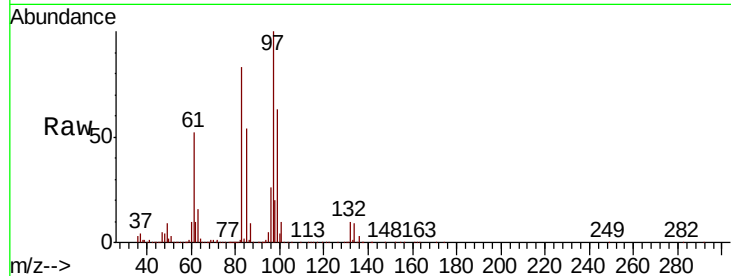
#55
 1,1,2-Trichloroethane
 Concen: 51.635 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	343062
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.1	100.7
85	53.8	43.2	64.8
99	62.5	49.8	74.6

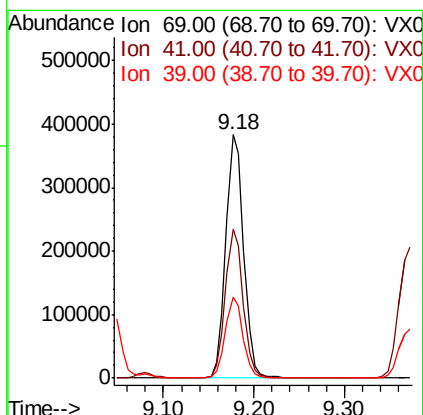
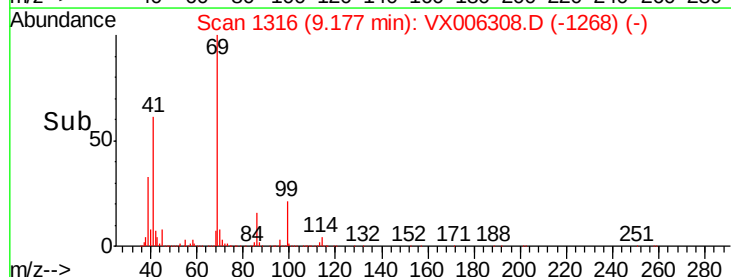
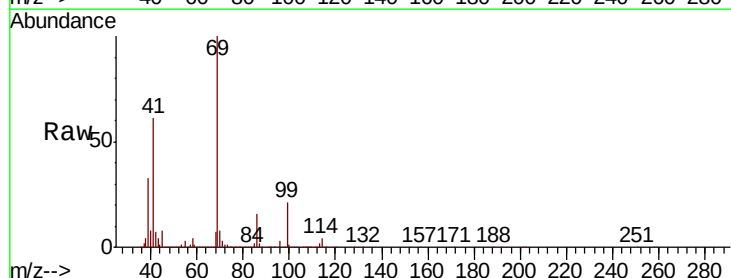
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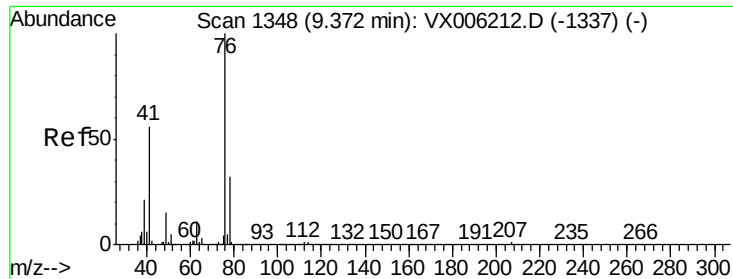
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 50.471 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion:	69	Resp:	524229
Ion	Ratio	Lower	Upper
69	100		
41	60.8	50.6	76.0
39	32.9	27.6	41.4





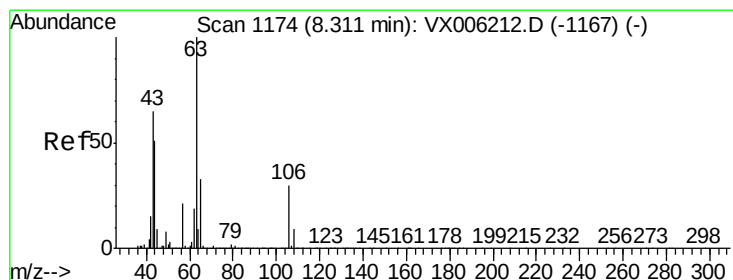
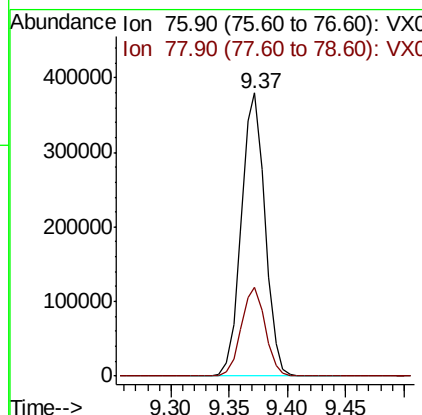
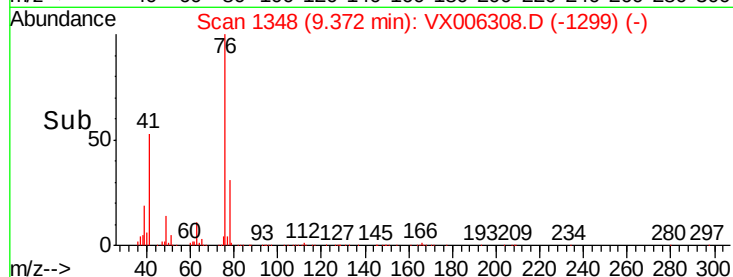
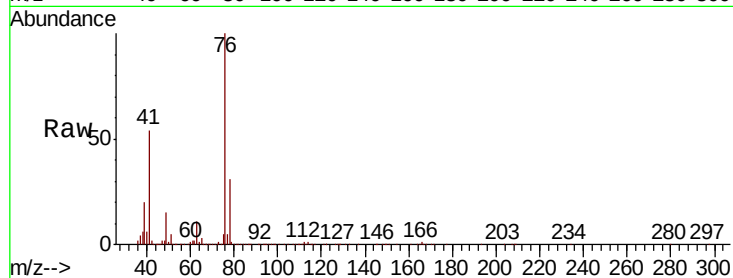
#57
 1,3-Dichloropropane
 Concen: 51.283 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.1	39.1

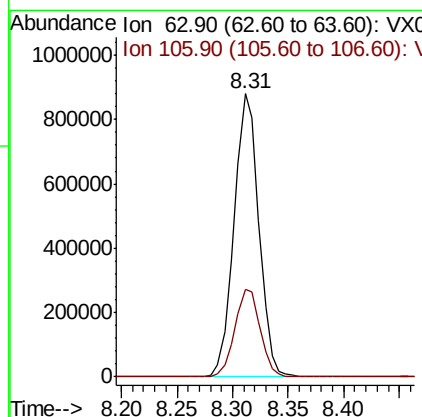
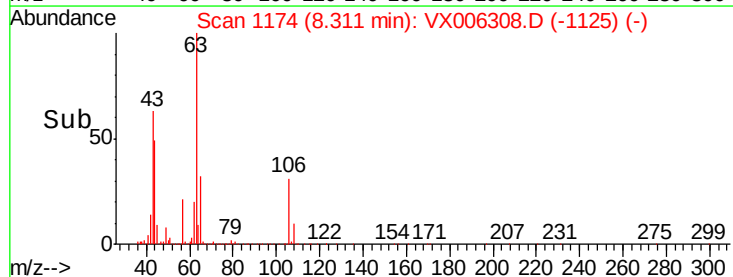
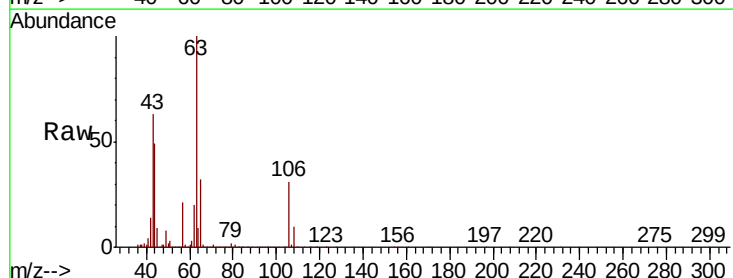
Manual Integrations
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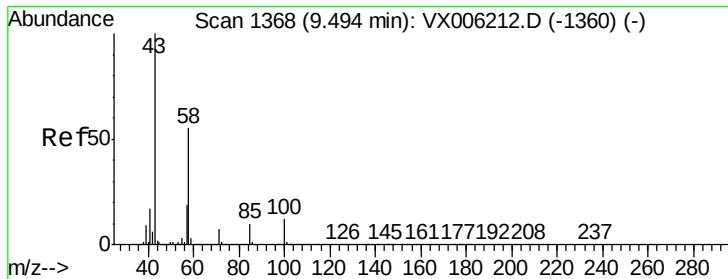
MMDadoda
 12/7/2018 11:18:59 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.345 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	24.9	37.3





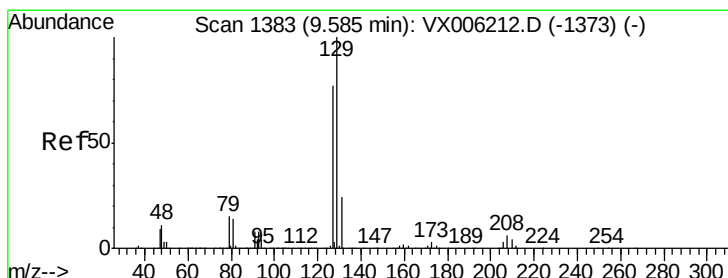
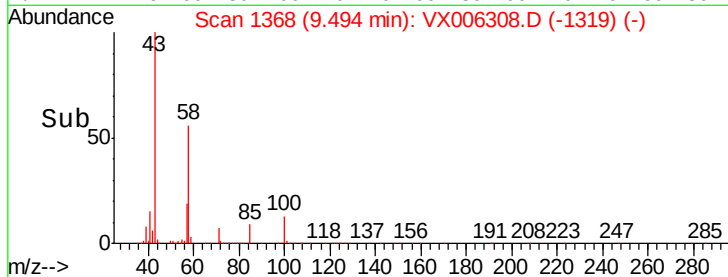
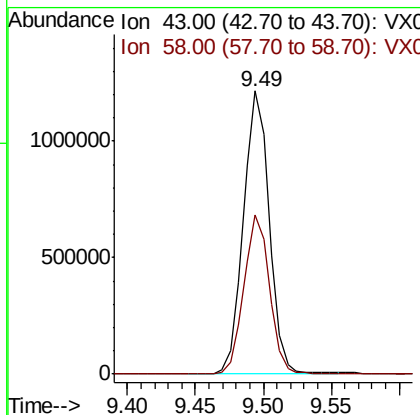
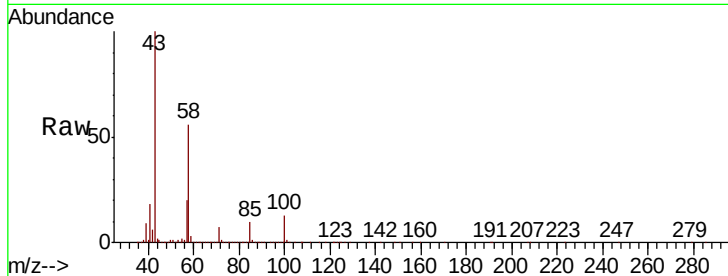
#59
2-Hexanone
Concen: 234.638 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1617201
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1

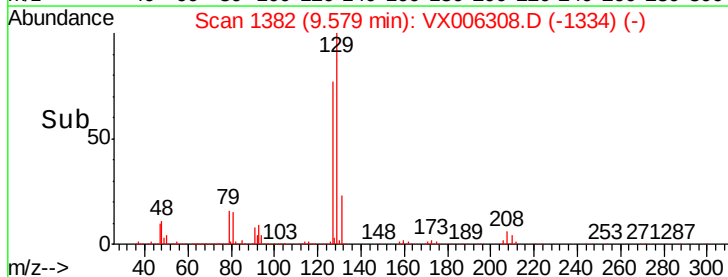
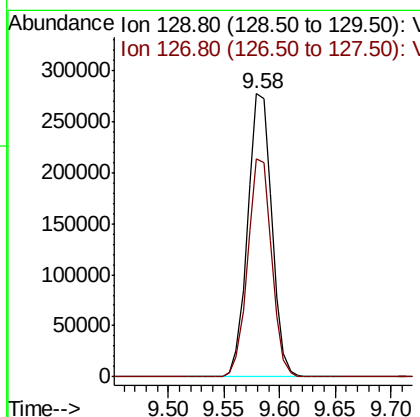
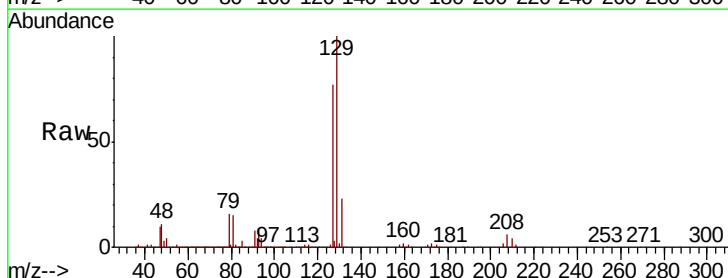
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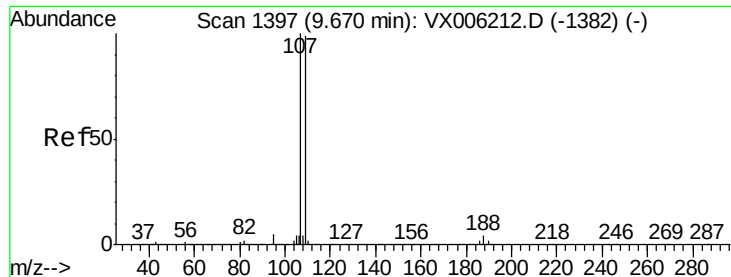
MMDadoda
12/7/2018 11:18:59 AM



#60
Dibromochloromethane
Concen: 50.930 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 129 Resp: 417255
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.999 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 371445

Ion Ratio Lower Upper

107 100

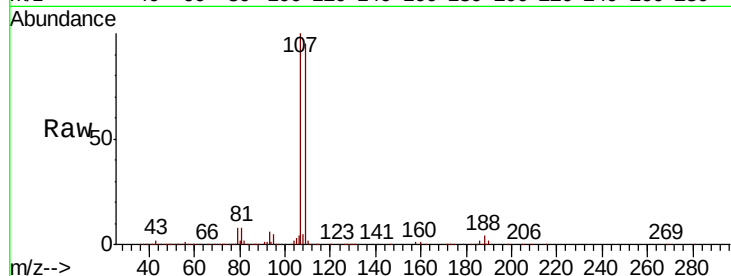
109 94.7 76.3 114.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

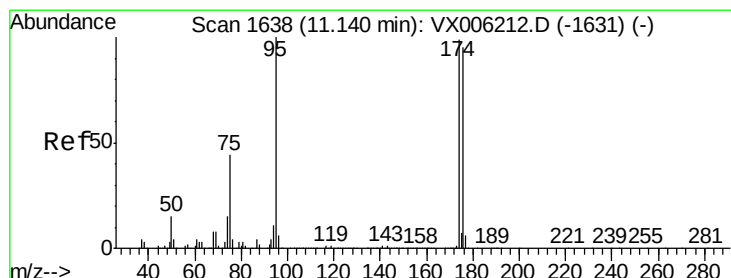
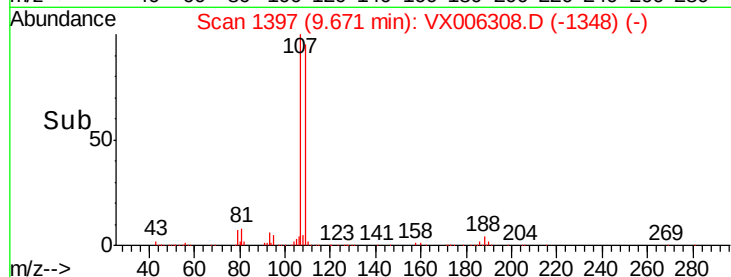
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.671 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

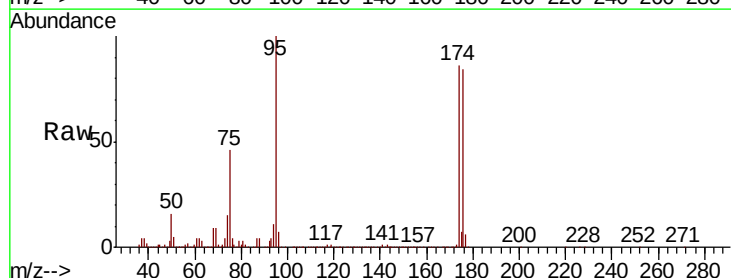
Tgt Ion: 95 Resp: 451953

Ion Ratio Lower Upper

95 100

174 92.5 0.0 187.0

176 89.4 0.0 181.8



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

11.13

400000

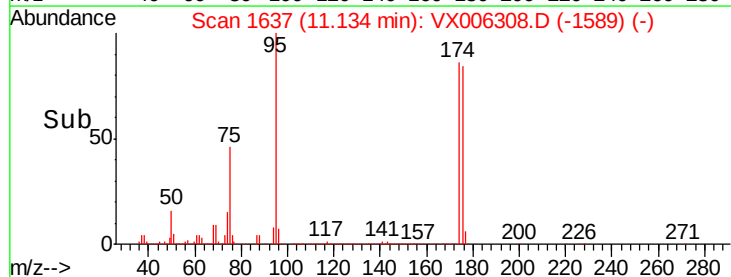
300000

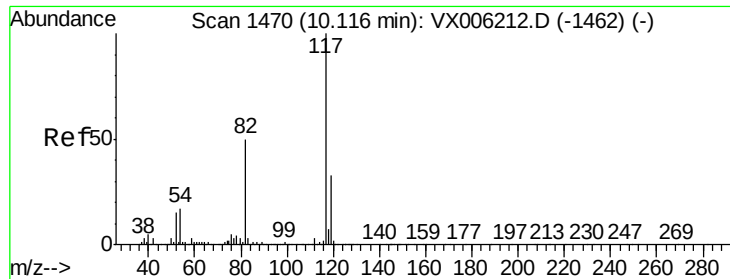
200000

100000

0

Time-->





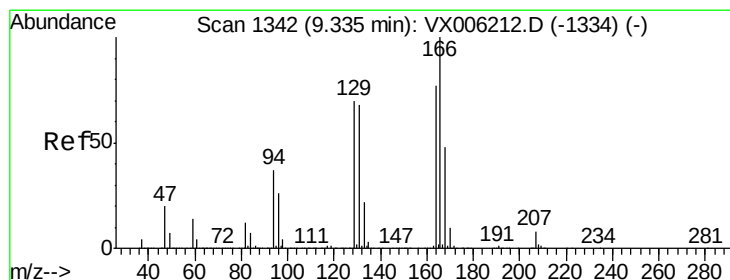
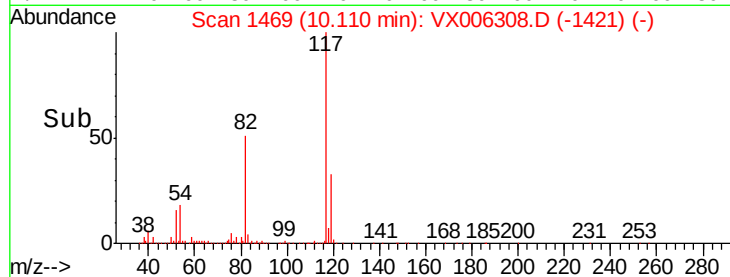
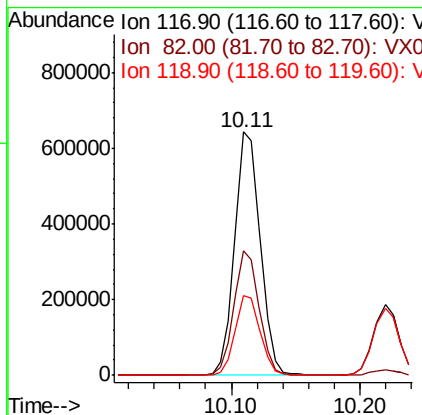
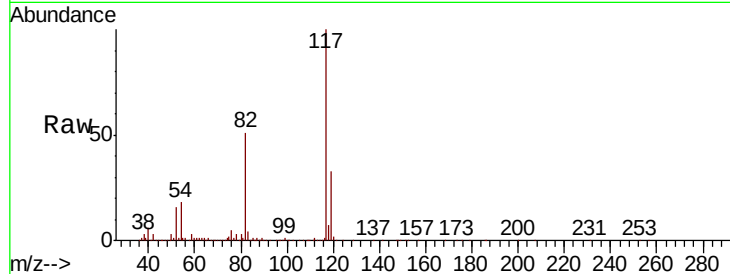
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	39.6	59.4
119	32.5	26.3	39.5

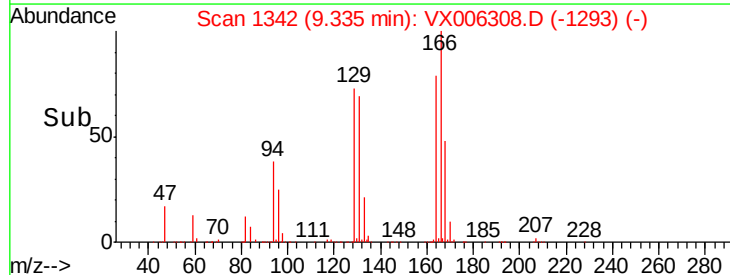
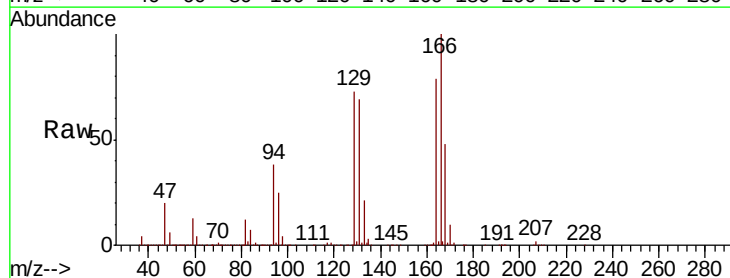
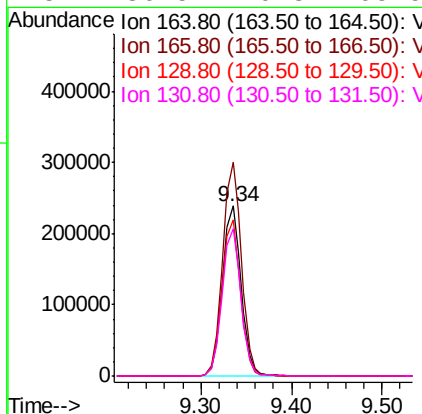
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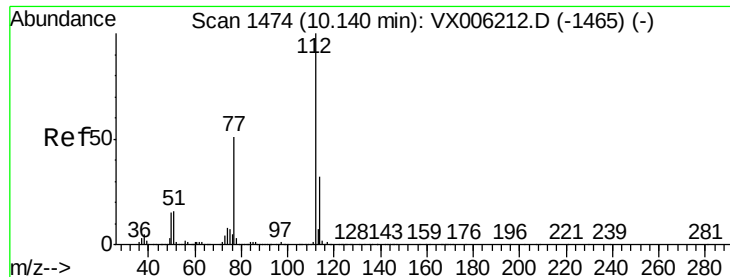
MMDadoda
12/7/2018 11:18:59 AM



#64
Tetrachloroethene
Concen: 51.040 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	104.2	156.2
129	92.1	72.6	108.8
131	86.5	70.3	105.5





#65

Chlorobenzene

Concen: 51.603 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 980714

Ion Ratio Lower Upper

112 100

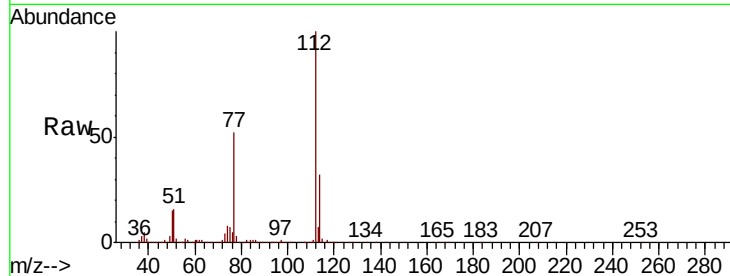
114 32.0 25.4 38.2

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

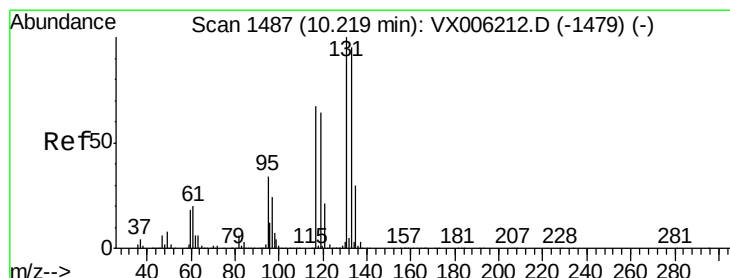
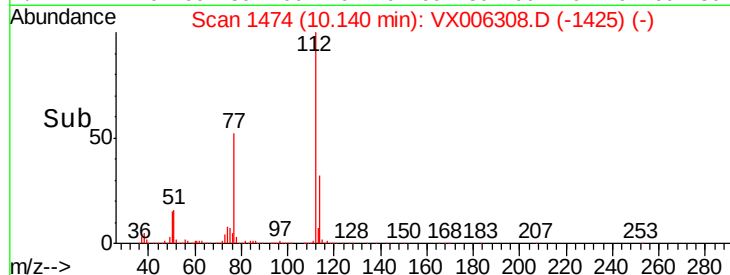
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.077 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

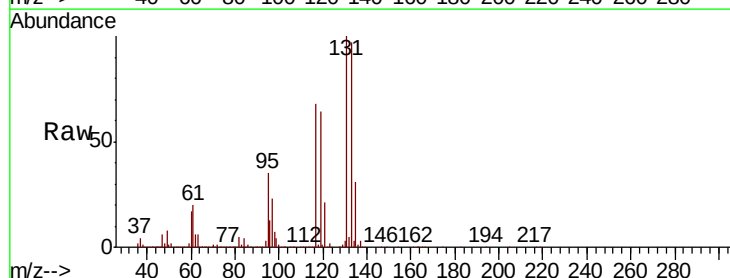
Tgt Ion:131 Resp: 377161

Ion Ratio Lower Upper

131 100

133 95.9 48.1 144.4

119 64.7 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

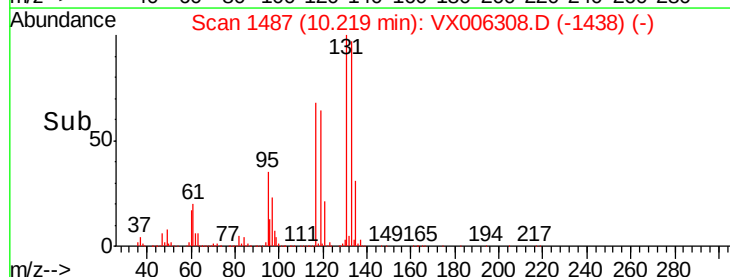
300000

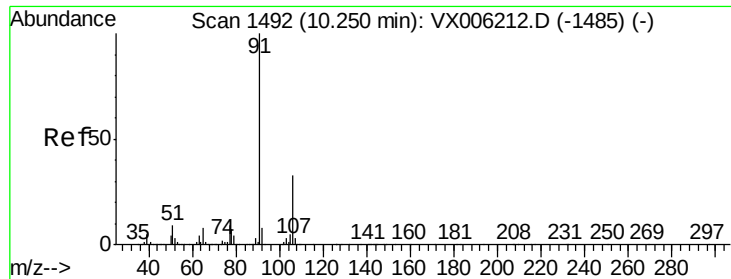
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 51.070 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1614271

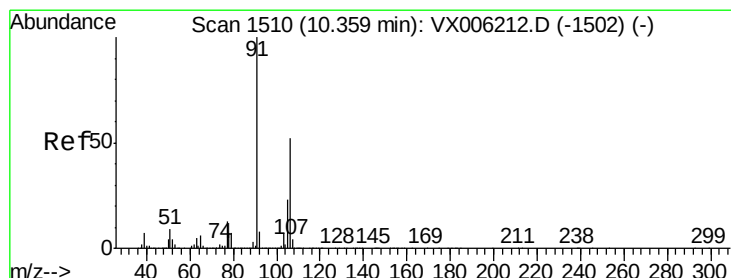
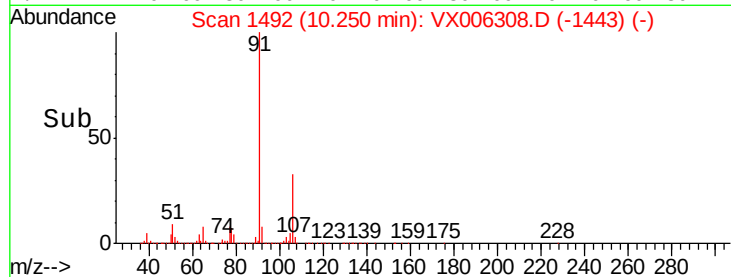
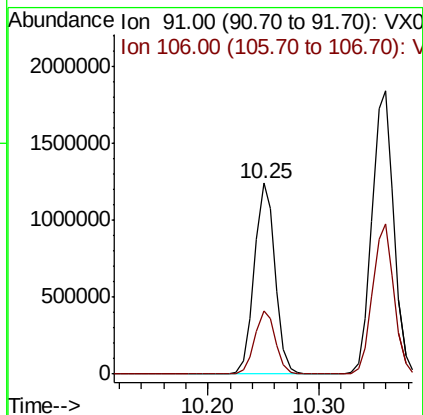
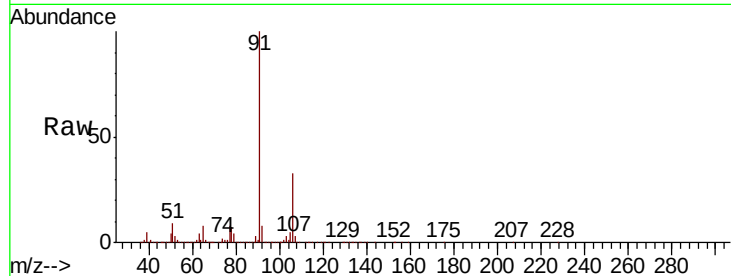
Ion Ratio Lower Upper

91 100

106 33.1 26.5 39.7

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#68

m/p-Xylenes

Concen: 103.125 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006308.D

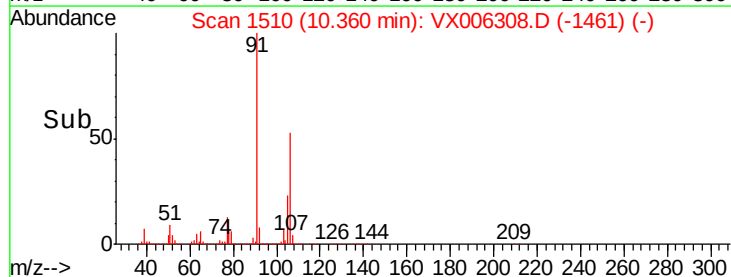
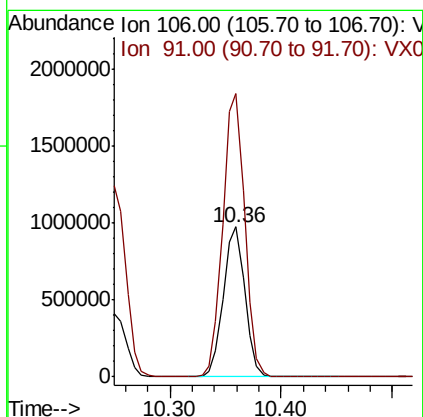
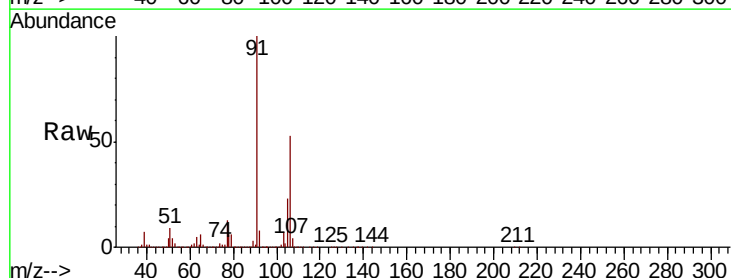
Acq: 06 Dec 2018 10:35

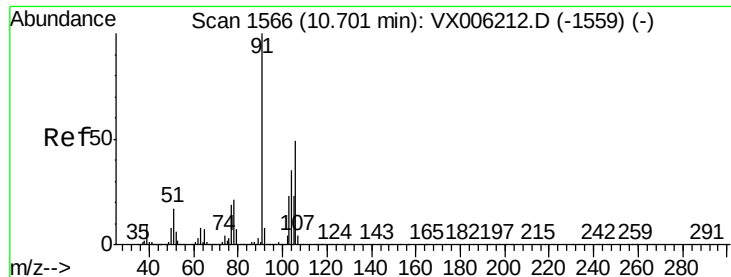
Tgt Ion: 106 Resp: 1305731

Ion Ratio Lower Upper

106 100

91 192.1 155.2 232.8





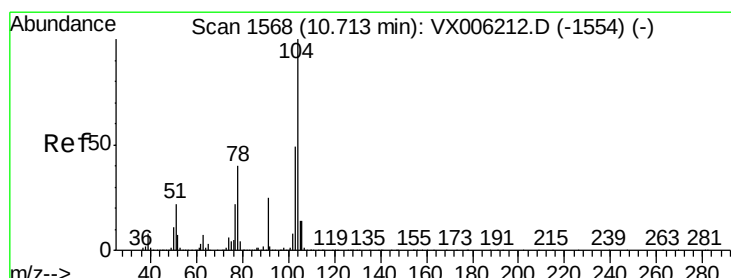
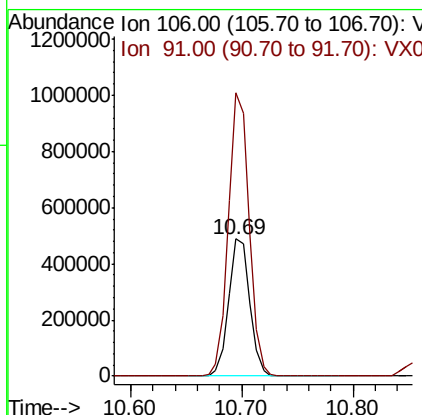
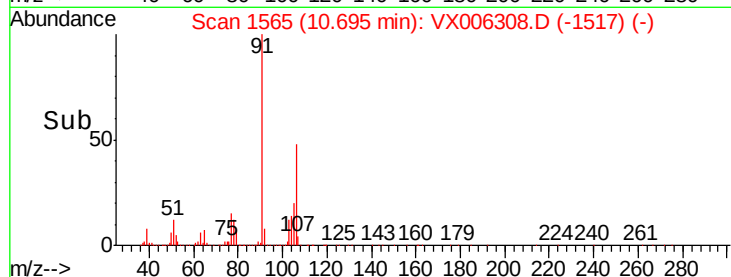
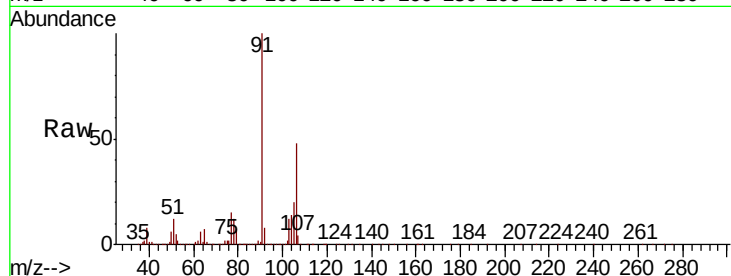
#69
o-Xylene
Concen: 51.026 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 638163
Ion Ratio Lower Upper
106 100
91 204.0 101.8 305.6

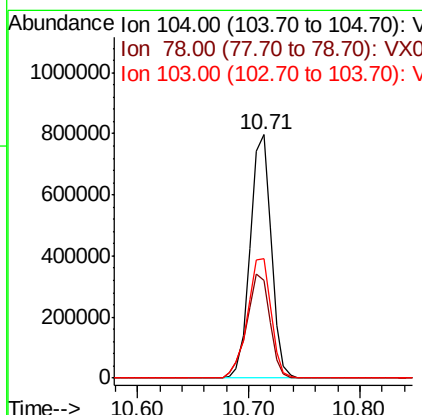
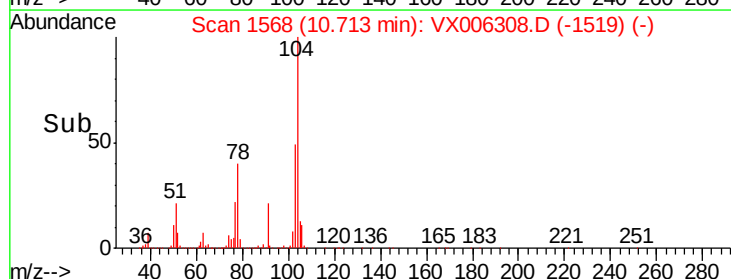
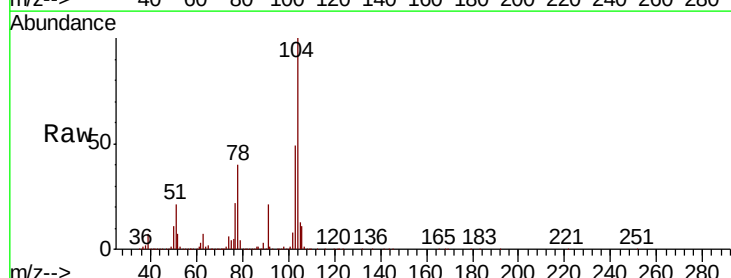
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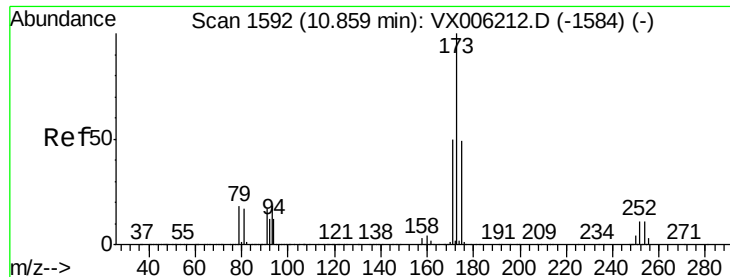
MMDadoda
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#70
Styrene
Concen: 51.875 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion:104 Resp: 1049328
Ion Ratio Lower Upper
104 100
78 47.1 37.2 55.8
103 55.1 43.5 65.3





#71

Bromoform

Concen: 48.397 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

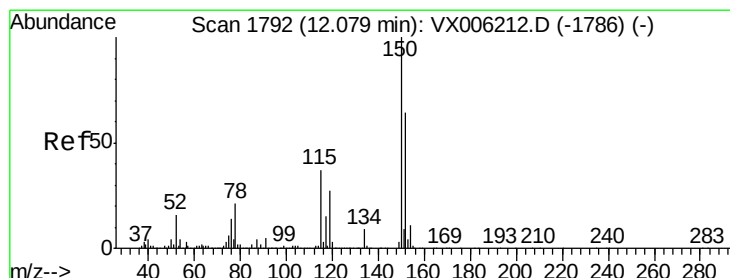
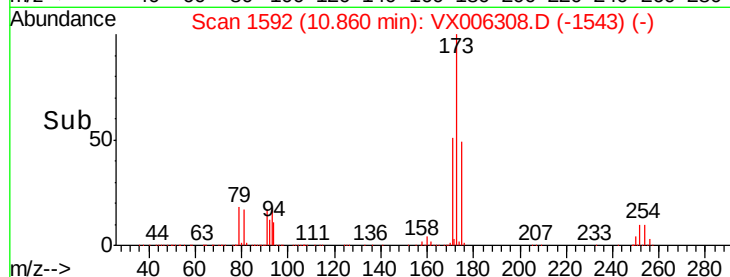
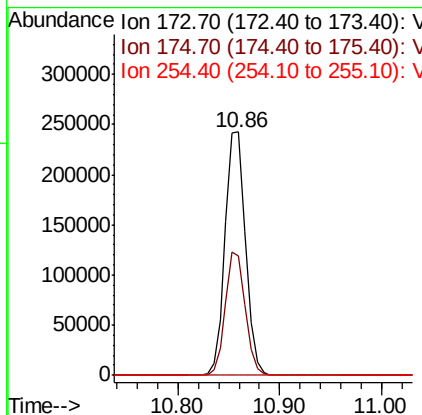
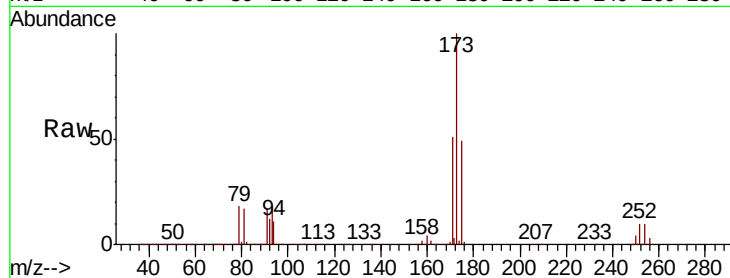
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

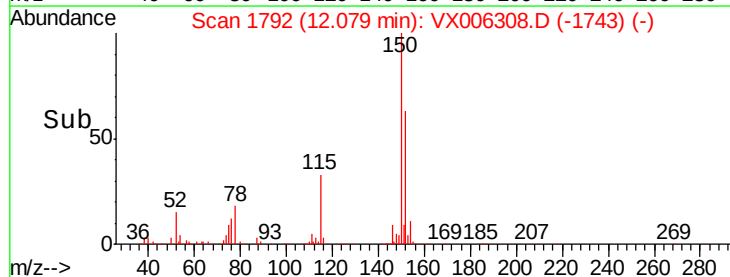
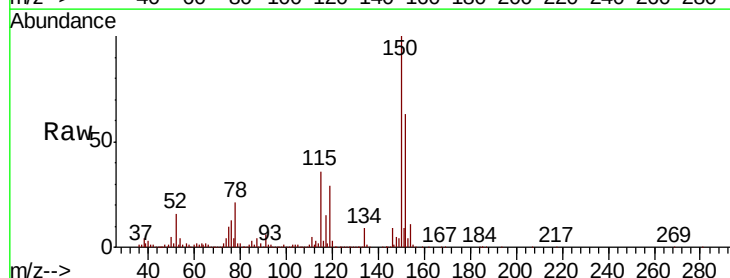
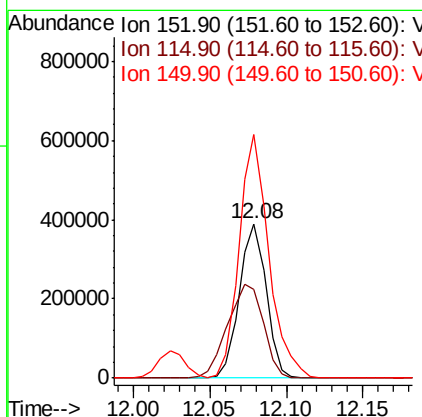
RT: 12.08 min Scan# 1792

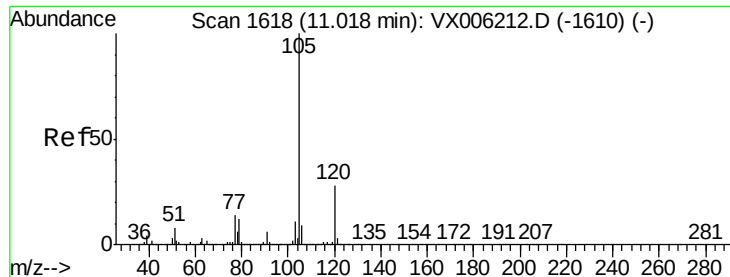
Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.5	39.0	116.9
150	174.1	0.0	345.8





#73

Isopropylbenzene

Concen: 51.955 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1706124

Ion Ratio Lower Upper

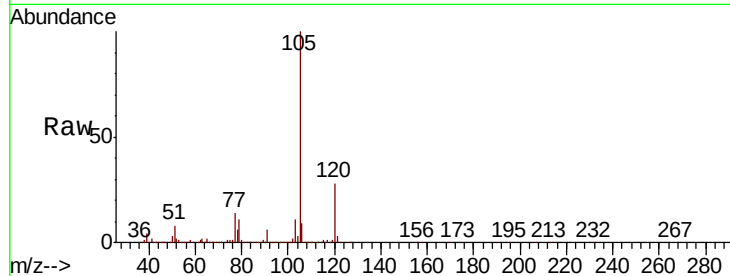
105 100

120 28.2 14.1 42.3

Manual Integrations
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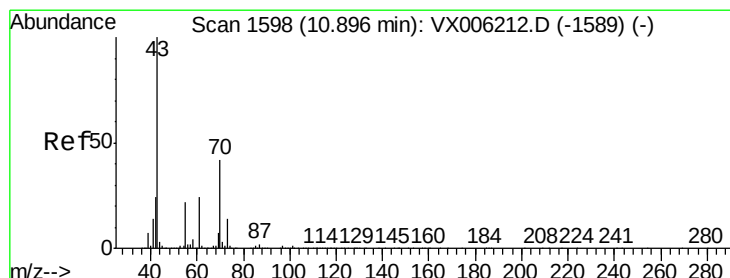
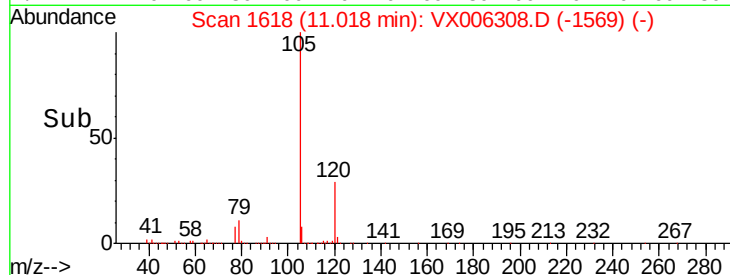
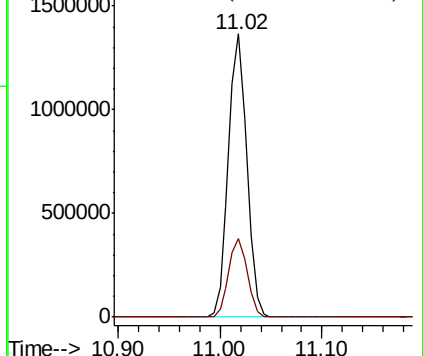
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.196 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion: 43 Resp: 653254

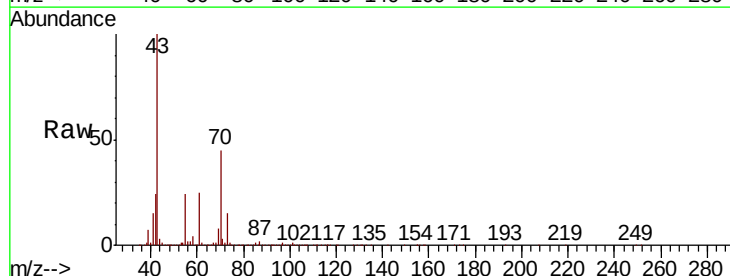
Ion Ratio Lower Upper

43 100

70 44.2 34.1 51.1

55 23.5 17.8 26.8

61 25.2 19.7 29.5

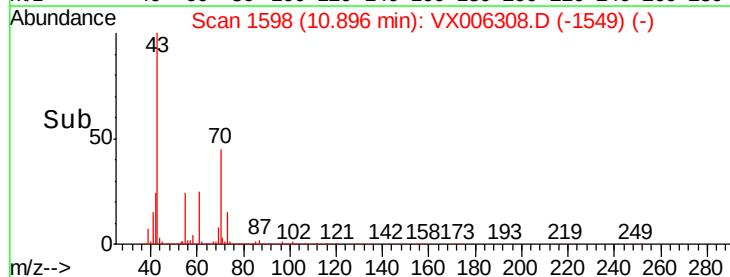
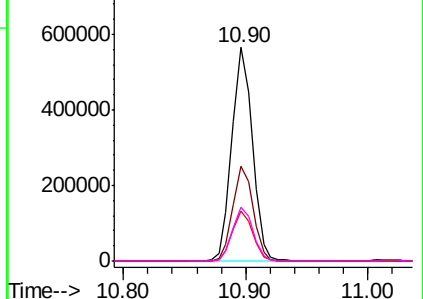


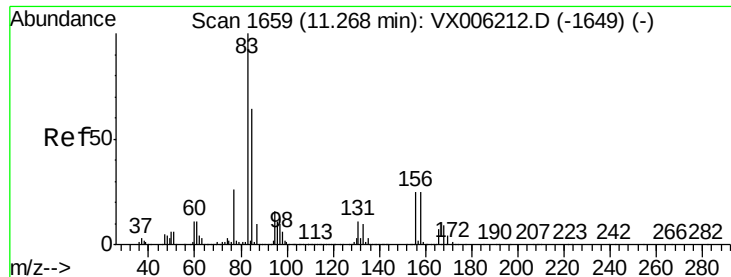
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.482 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

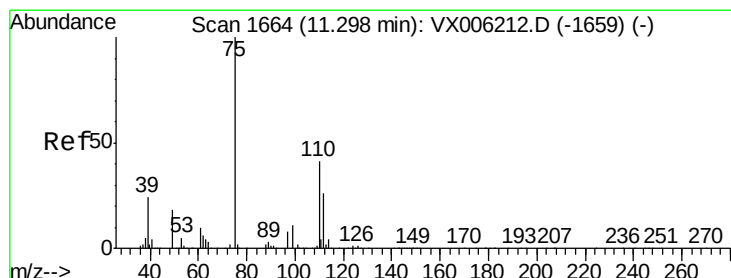
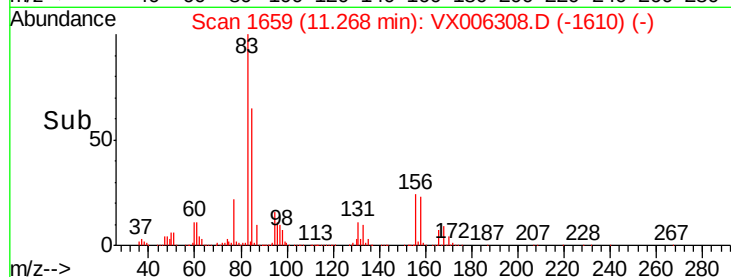
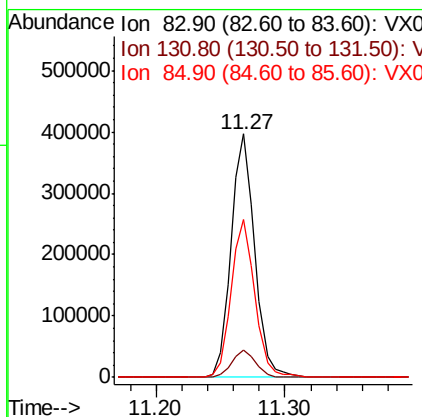
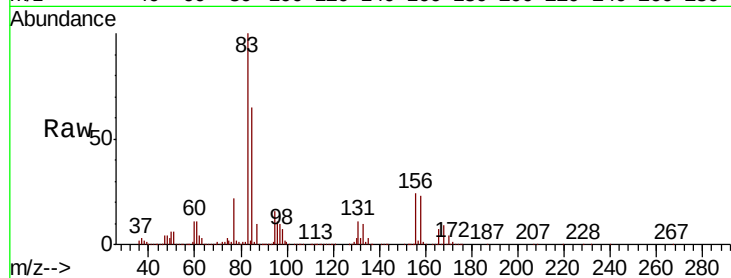
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	509340
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.1
85	65.2	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 53.072 ug/l m

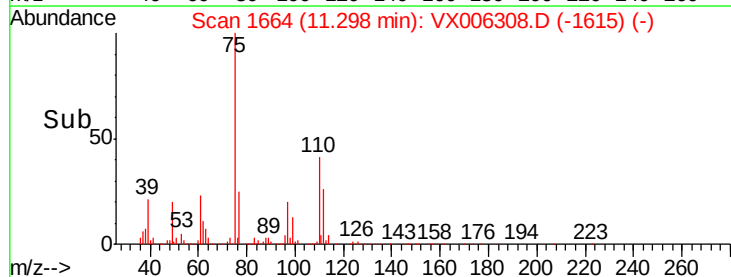
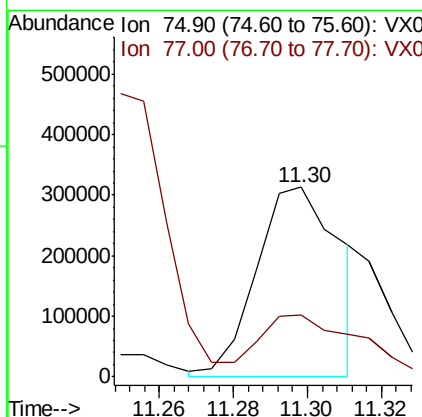
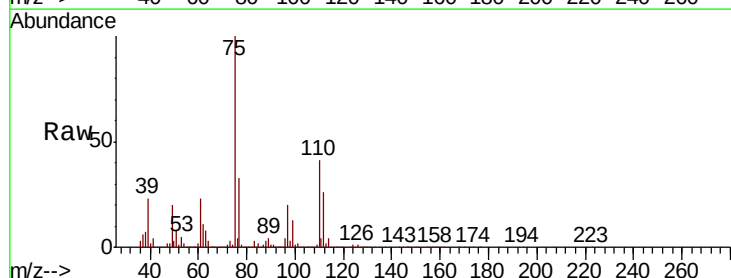
RT: 11.30 min Scan# 1664

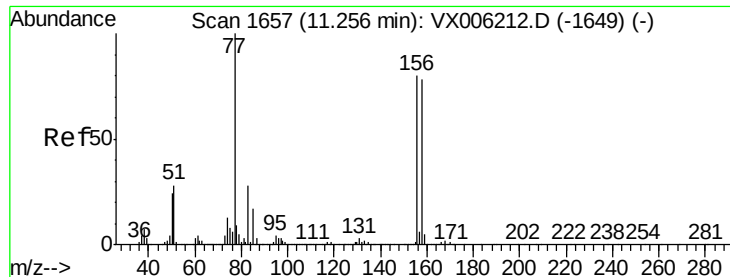
Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion:	75	Resp:	487109
Ion Ratio	Lower	Upper	
75	100		
77	40.8	19.9	59.7





#77

Bromobenzene

Concen: 51.093 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

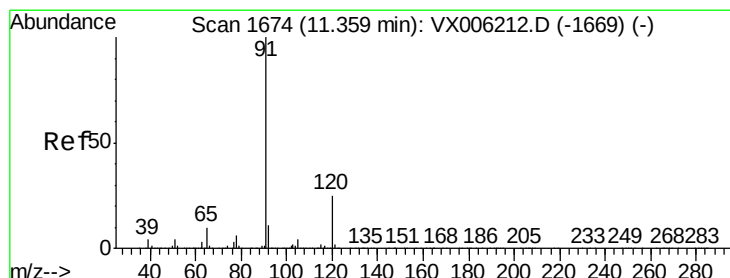
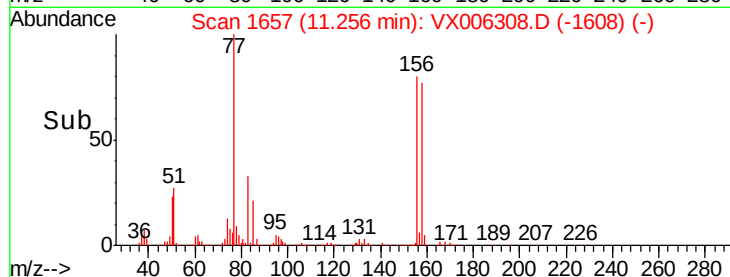
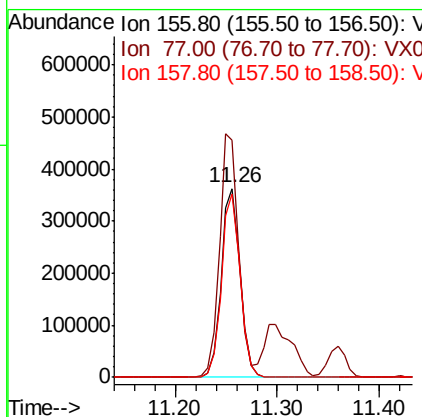
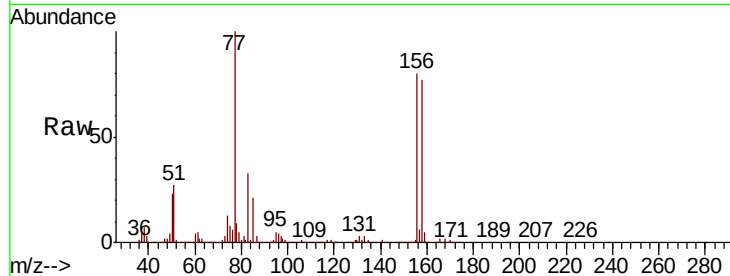
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	465622
Ion Ratio	Lower	Upper	
156	100		
77	130.9	66.2	198.6
158	96.4	48.8	146.4

Manual Integrations
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12/7/2018 11:18:59 AM



#78

n-propylbenzene

Concen: 52.603 ug/l

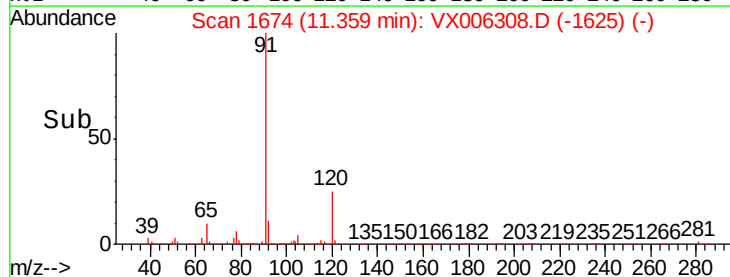
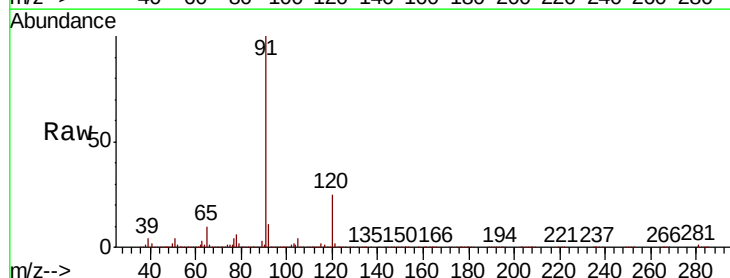
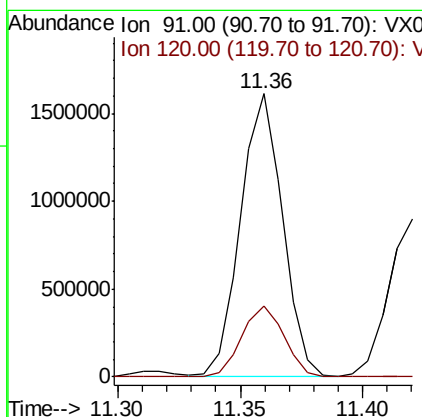
RT: 11.36 min Scan# 1674

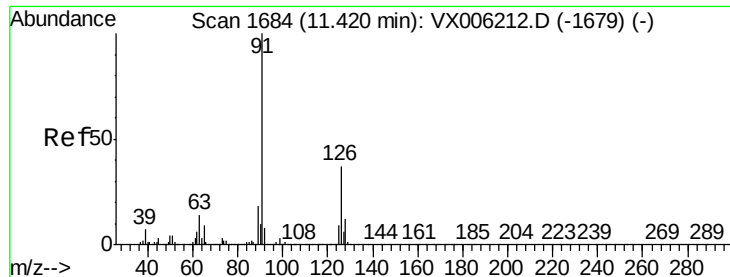
Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion:	91	Resp:	1920196
Ion Ratio	Lower	Upper	
91	100		
120	25.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 51.205 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1110942

Ion Ratio Lower Upper

91 100

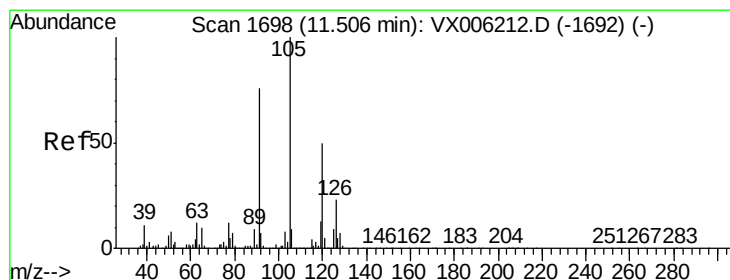
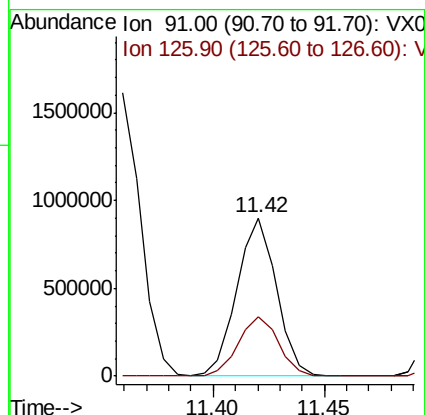
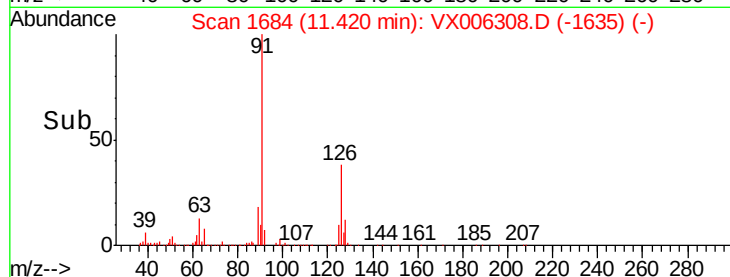
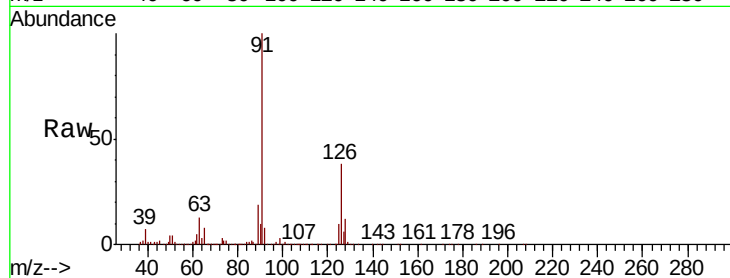
126 38.3 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.039 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006308.D

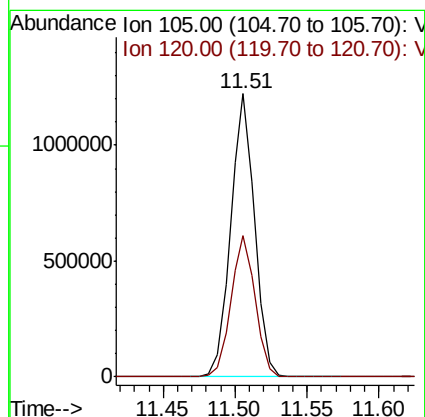
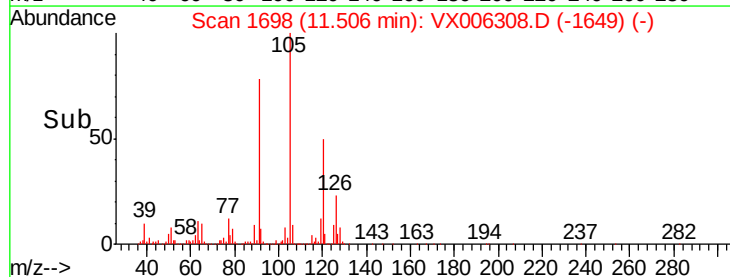
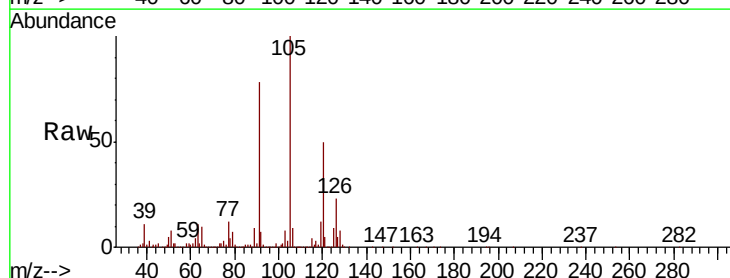
Acq: 06 Dec 2018 10:35

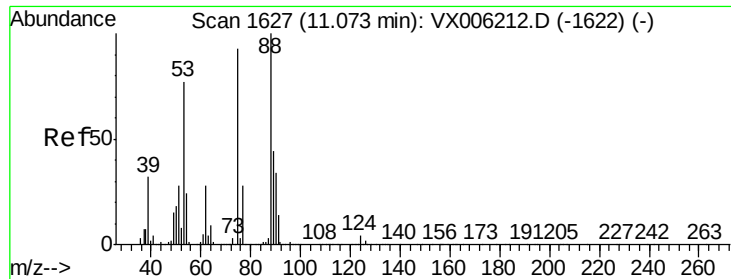
Tgt Ion: 105 Resp: 1421845

Ion Ratio Lower Upper

105 100

120 50.7 25.4 76.0





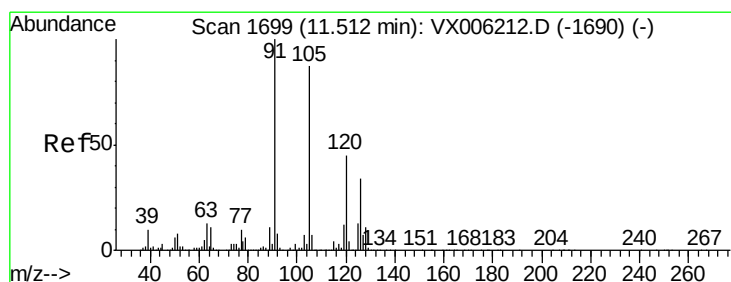
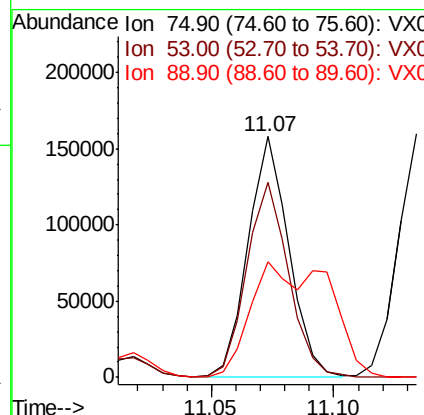
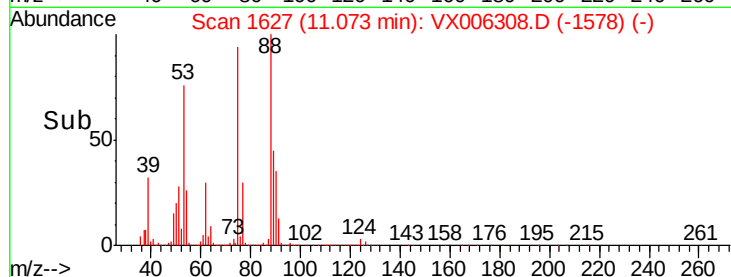
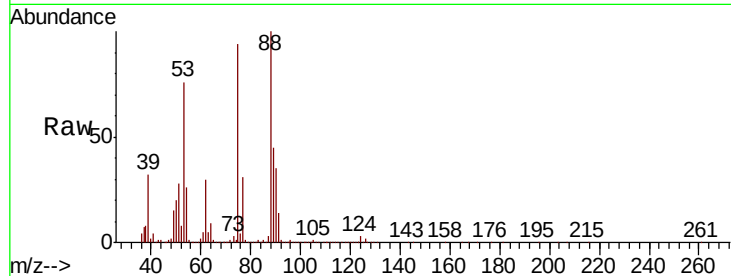
#81
trans-1,4-Dichloro-2-butene
Concen: 46.599 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.4	64.4	96.6
89	54.0	44.2	66.4

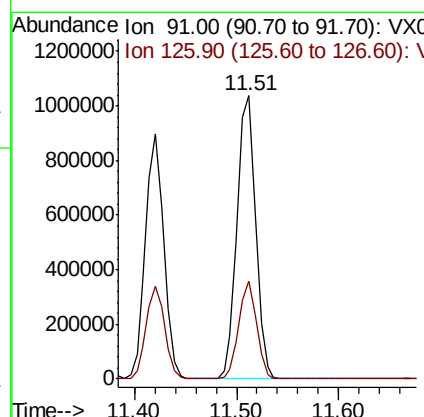
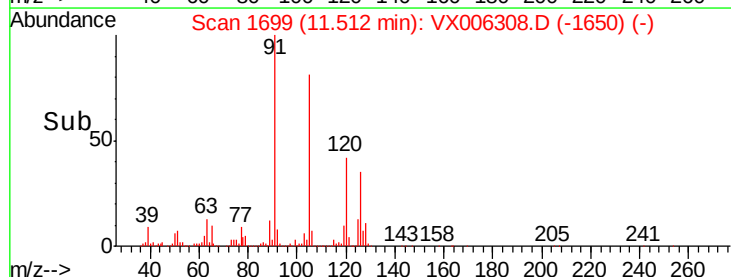
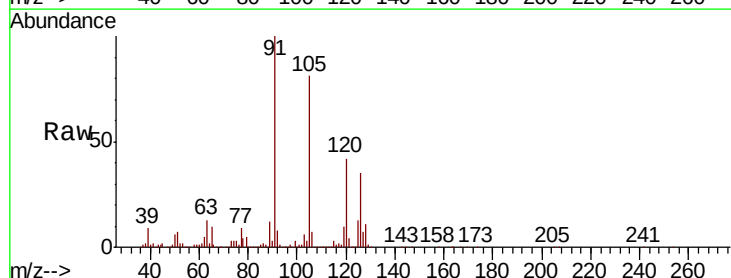
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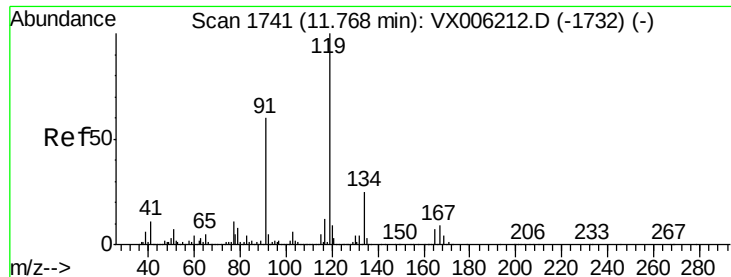
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.603 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4





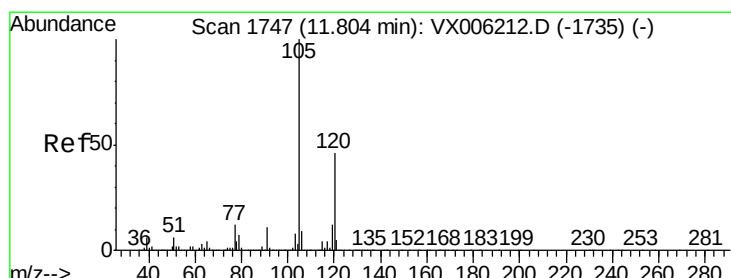
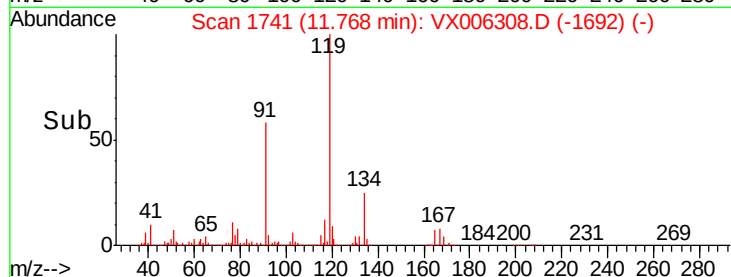
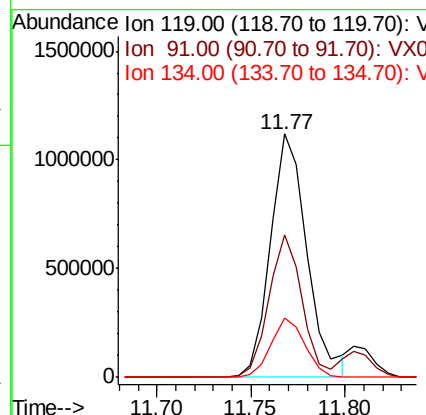
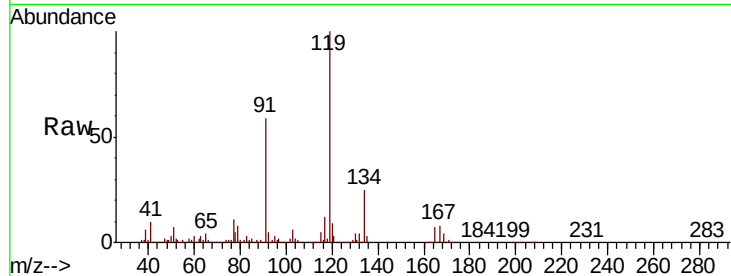
#83
 tert-Butylbenzene
 Concen: 51.553 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.4	26.4	79.2
134	23.0	11.6	34.7

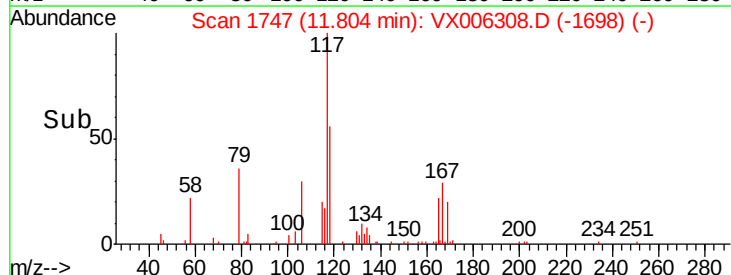
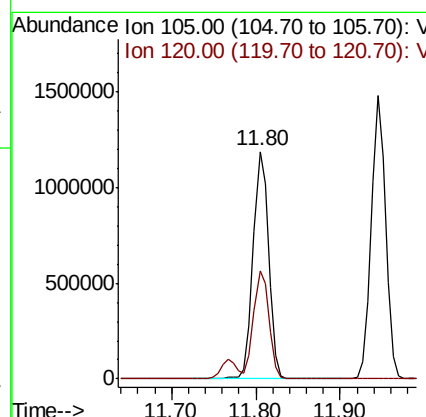
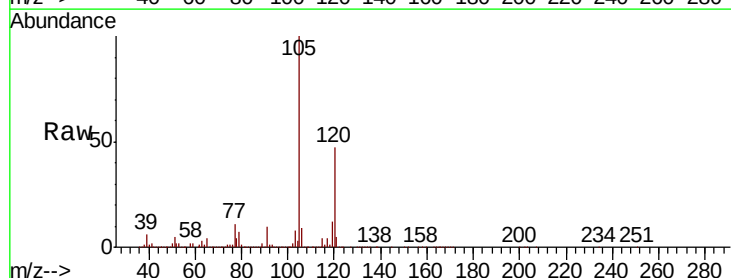
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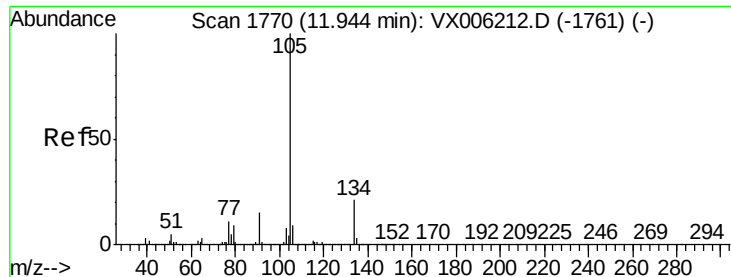
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.352 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.0





#85

sec-Butylbenzene

Concen: 53.172 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1763425

Ion Ratio Lower Upper

105 100

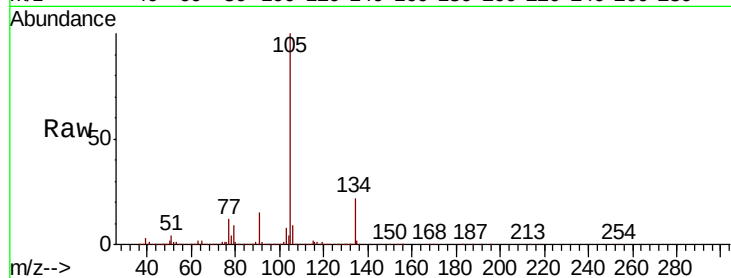
134 21.9 10.8 32.4

Manual Integrations

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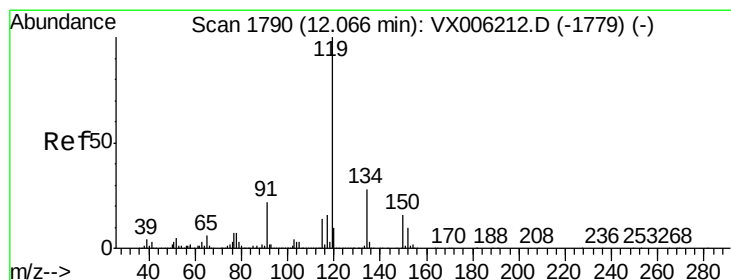
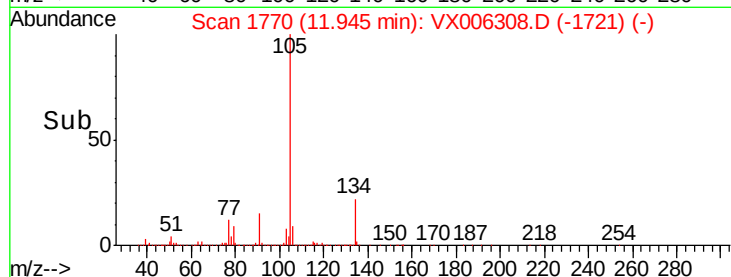
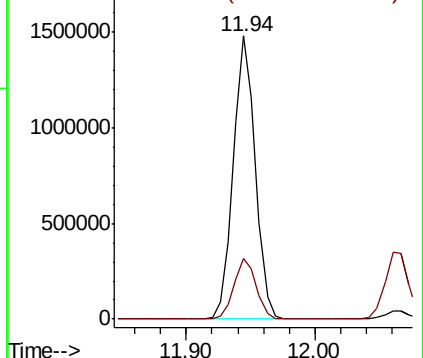
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.007 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

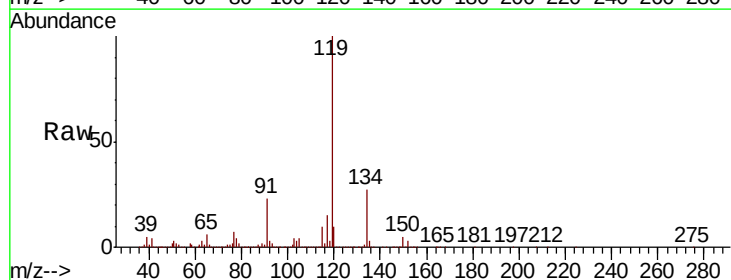
Tgt Ion:119 Resp: 1582992

Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

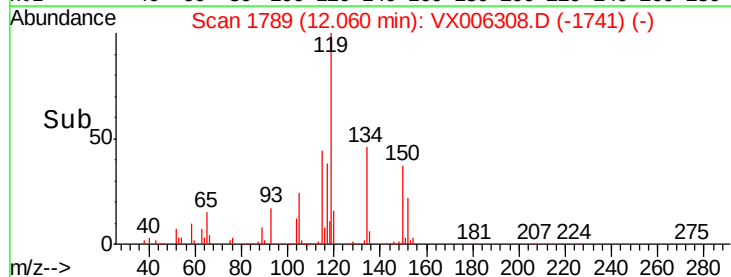
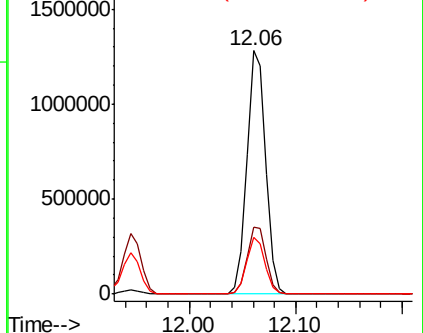
91 22.7 11.3 33.8

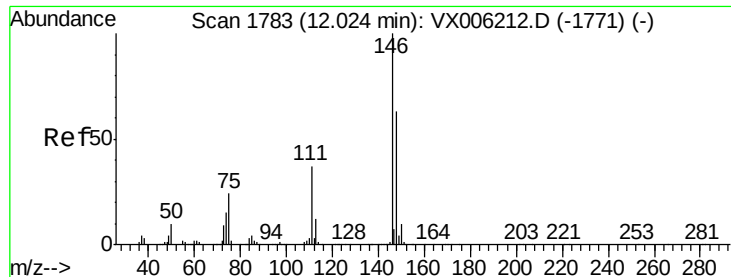


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 51.736 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

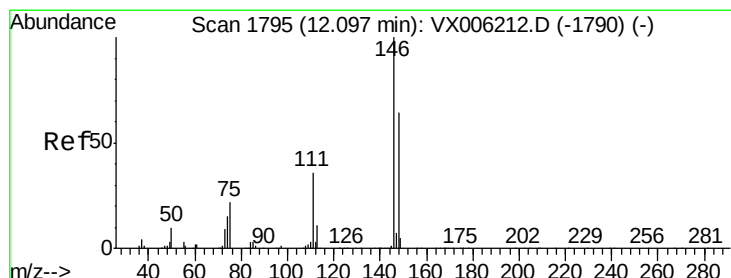
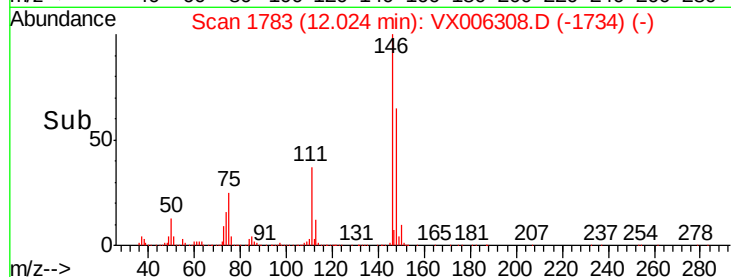
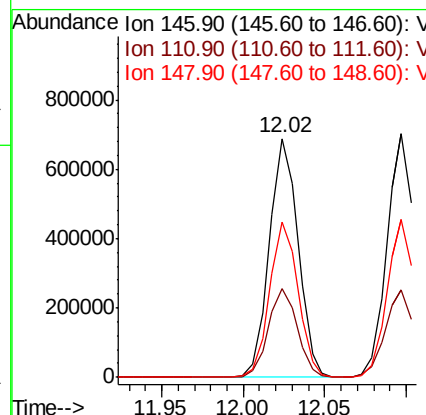
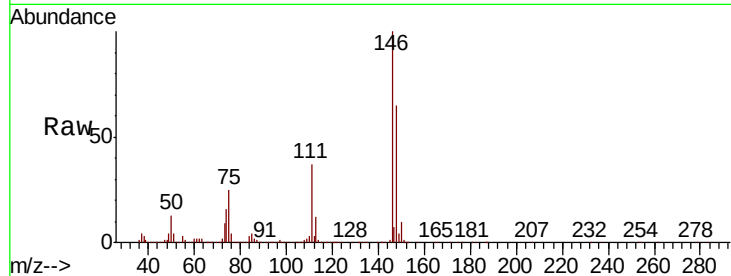
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	838940
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.4	55.2
148	64.2	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.022 ug/l

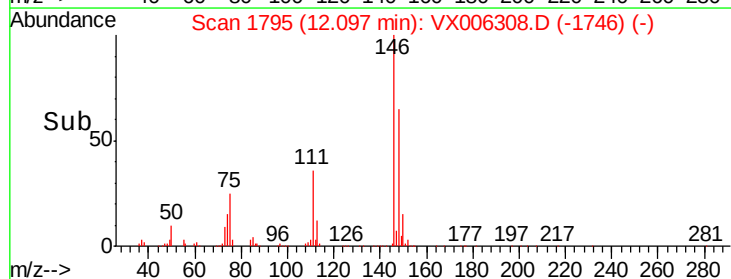
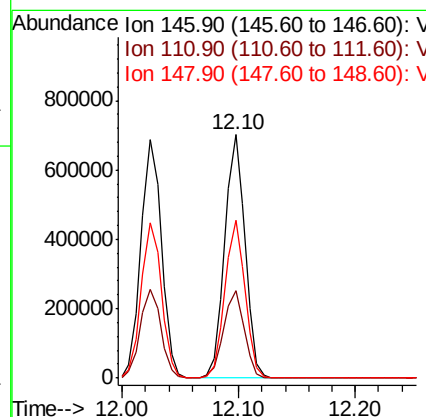
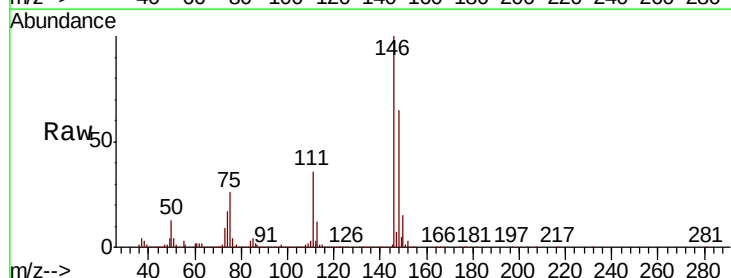
RT: 12.10 min Scan# 1795

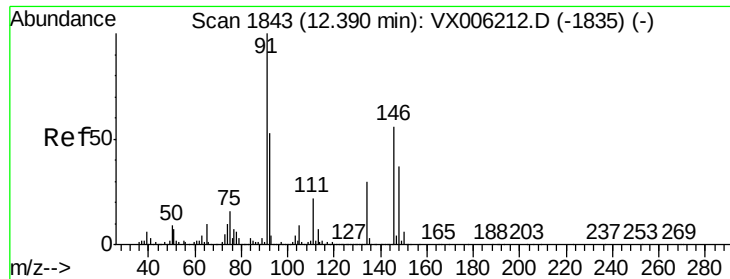
Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion:	146	Resp:	839760
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.3	54.8
148	64.4	31.9	95.9





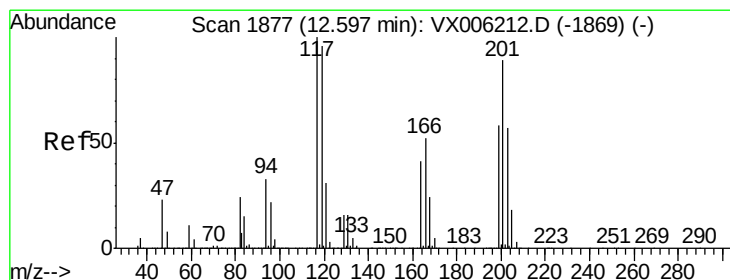
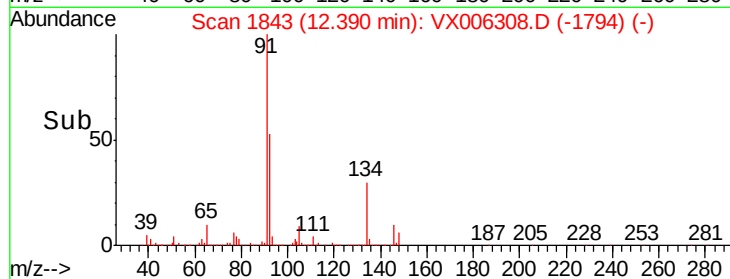
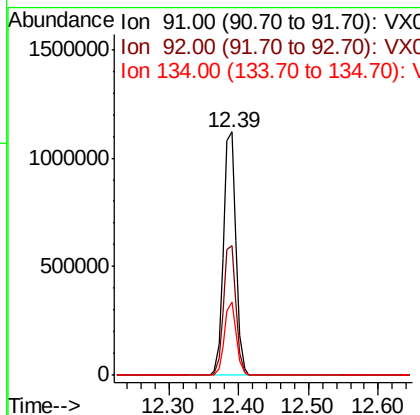
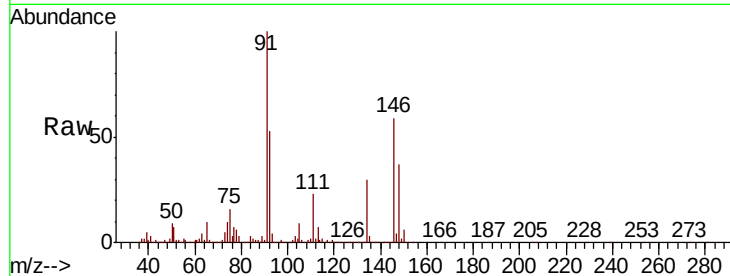
#89
n-Butylbenzene
Concen: 53.769 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	29.1	14.8	44.3

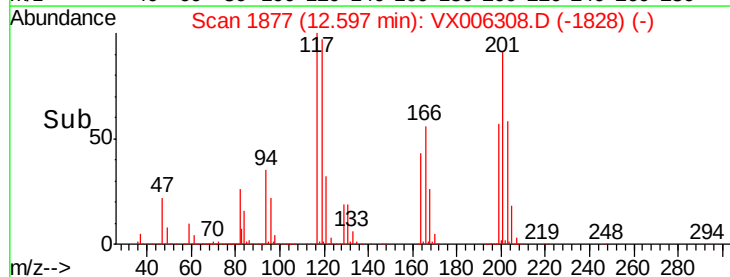
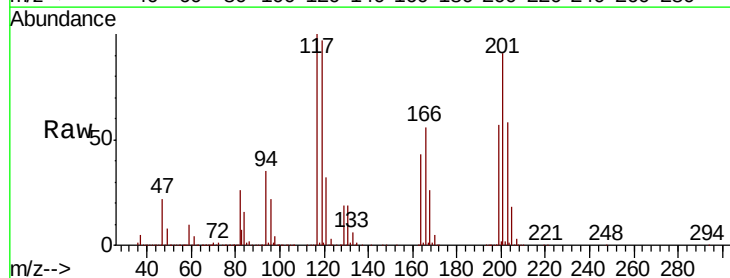
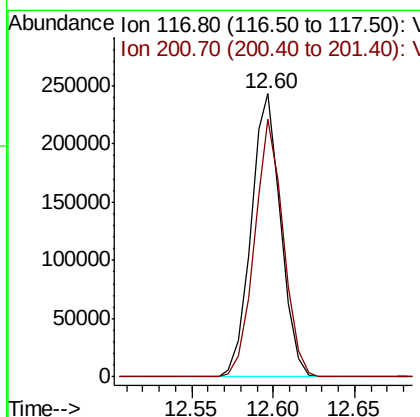
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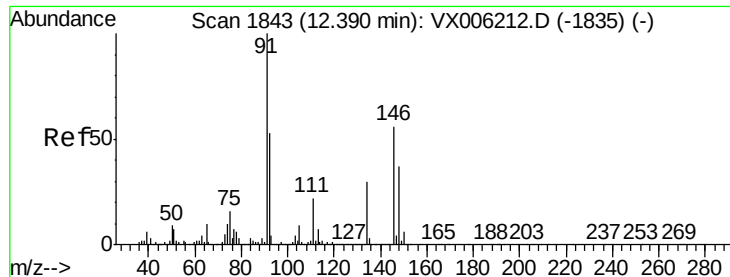
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#90
Hexachloroethane
Concen: 50.187 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	44.7	134.1





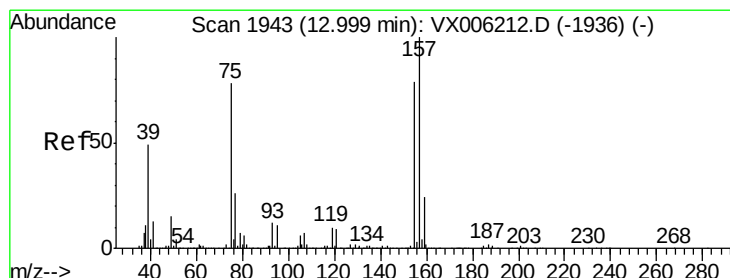
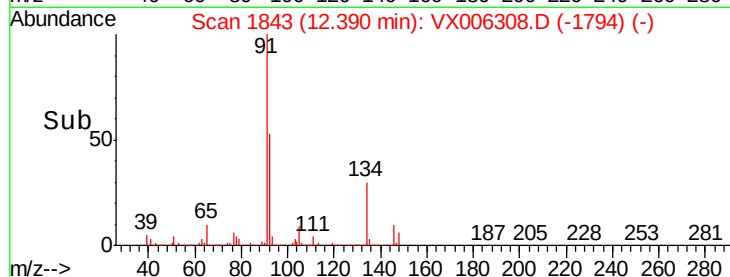
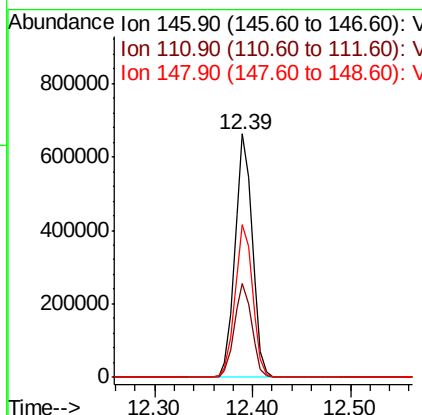
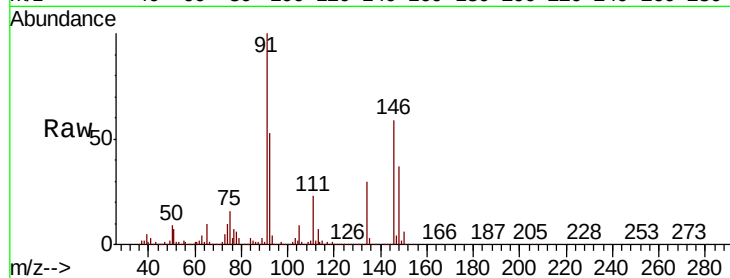
#91
 1,2-Dichlorobenzene
 Concen: 50.420 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.3
148	64.0	32.1	96.3

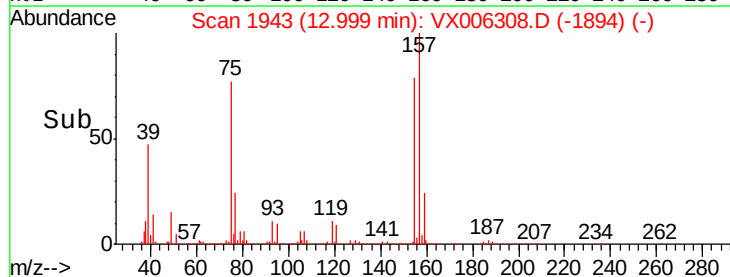
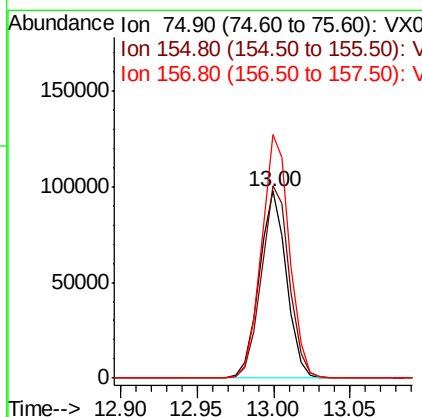
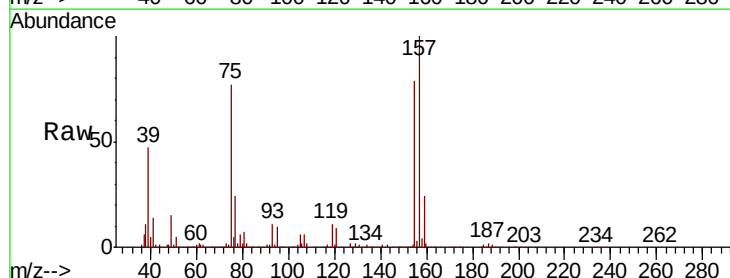
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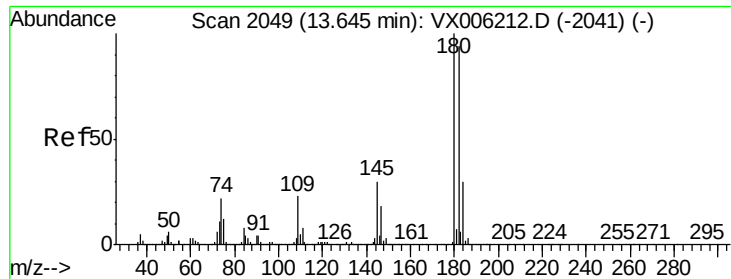
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.158 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.8	53.4	160.3
157	133.0	68.0	203.8





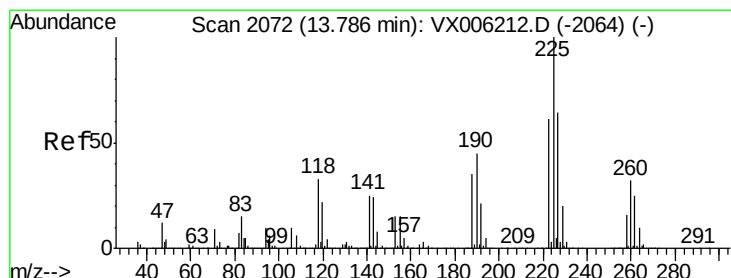
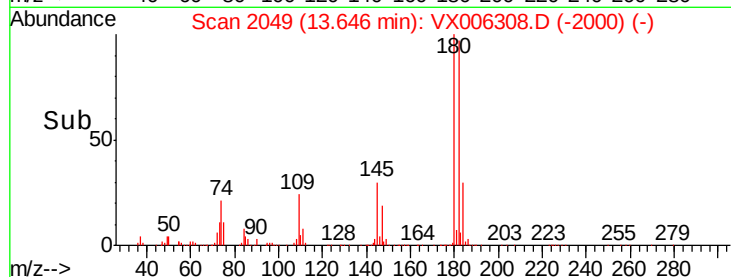
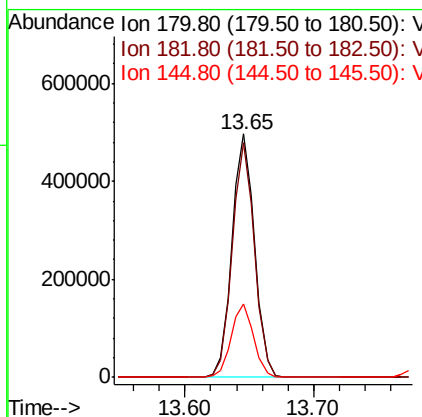
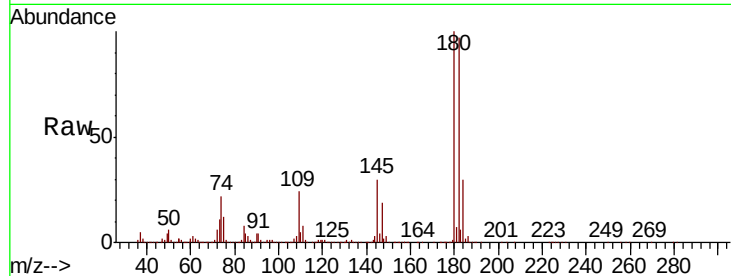
#93
 1,2,4-Trichlorobenzene
 Concen: 51.690 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	606911		
182	95.2	47.3	141.9	
145	30.0	14.6	43.8	

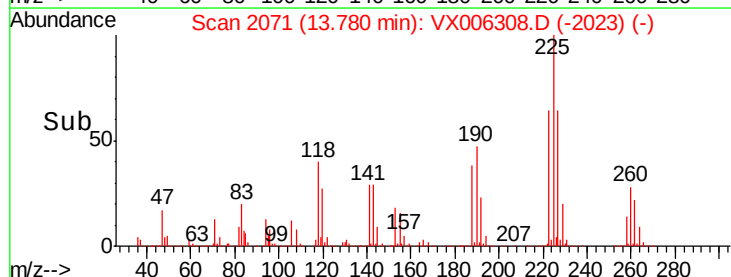
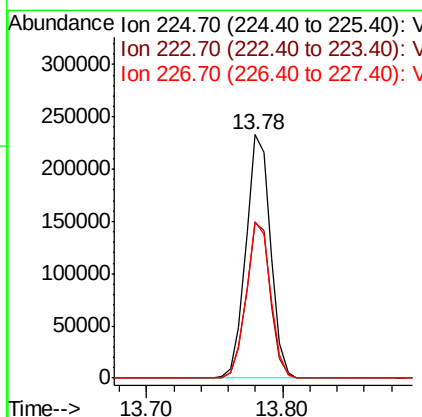
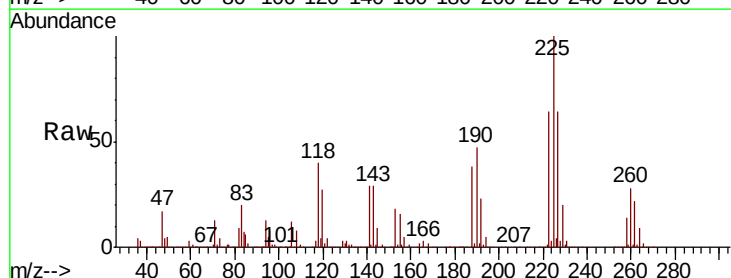
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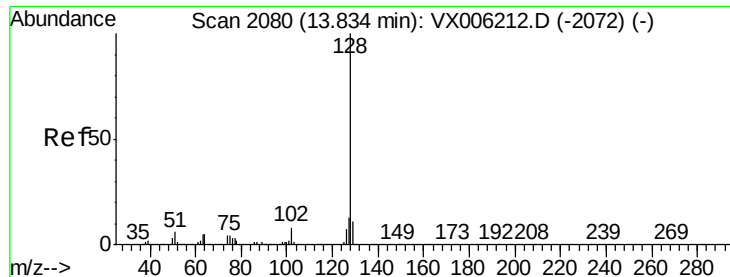
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#94
 Hexachlorobutadiene
 Concen: 56.360 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	292650		
223	63.0	31.2	93.6	
227	63.5	31.9	95.5	





#95

Naphthalene

Concen: 50.185 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1832909

Ion Ratio Lower Upper

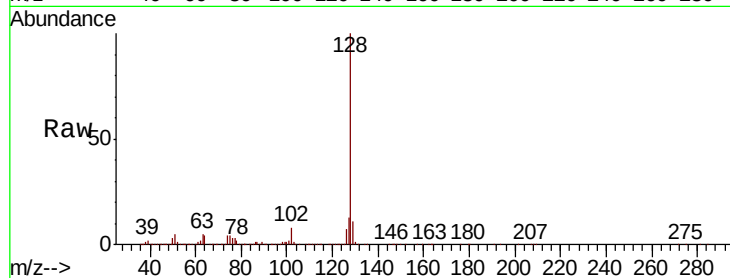
128 100

127 12.8 10.2 15.4

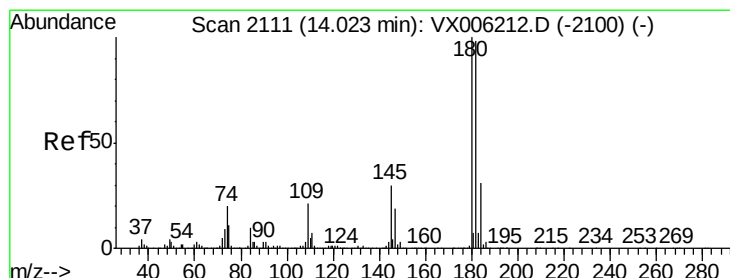
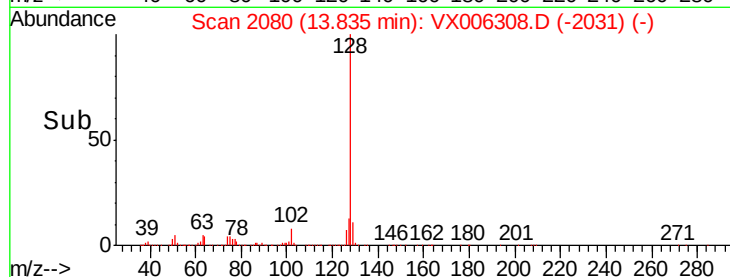
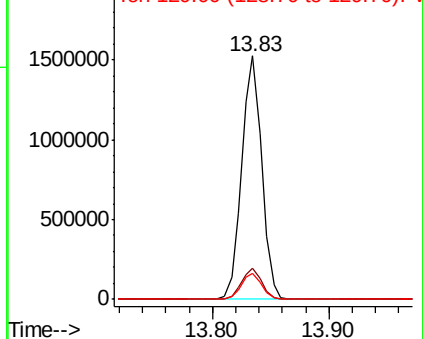
129 10.8 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
12/7/2018 11:18:59 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.061 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

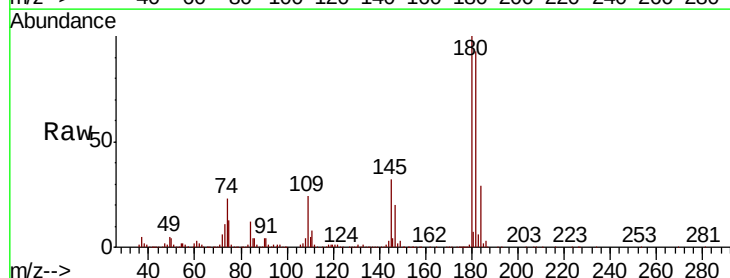
Tgt Ion:180 Resp: 605436

Ion Ratio Lower Upper

180 100

182 95.0 48.4 145.2

145 31.4 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

