

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102918\
 Data File : VX005674.D
 Acq On : 29 Oct 2018 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2018 10:51:07 AM

Quant Time: Oct 30 04:25:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144246	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
35) Dibromofluoromethane	5.50	113	119876	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
50) Toluene-d8	8.71	98	433576	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
62) 4-Bromofluorobenzene	11.14	95	183428	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144402	56.214	ug/l	99
3) Chloromethane	1.32	50	154246	47.150	ug/l	92
4) Vinyl Chloride	1.41	62	154764	48.113	ug/l	98
5) Bromomethane	1.64	94	76095	38.018	ug/l	98
6) Chloroethane	1.71	64	100640	48.976	ug/l	91
7) Trichlorofluoromethane	1.92	101	206214	46.137	ug/l	98
8) Diethyl Ether	2.19	74	84285	47.252	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120946	47.162	ug/l	99
10) Methyl Iodide	2.51	142	121697	45.687	ug/l	97
11) Tert butyl alcohol	3.07	59	208647	244.065	ug/l	98
12) 1,1-Dichloroethene	2.37	96	115196	47.154	ug/l	97
13) Acrolein	2.30	56	95569	219.153	ug/l	97
14) Allyl chloride	2.73	41	252382	46.290	ug/l	96
15) Acrylonitrile	3.15	53	439371	229.200	ug/l	98
16) Acetone	2.45	43	388074	231.176	ug/l	100
17) Carbon Disulfide	2.57	76	338188	45.413	ug/l	100
18) Methyl Acetate	2.78	43	210337	50.742	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	417689	47.931	ug/l	95
20) Methylene Chloride	2.85	84	128353	45.652	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	124091	46.522	ug/l	97
22) Diisopropyl ether	3.87	45	433987	45.581	ug/l	# 93
23) Vinyl Acetate	3.83	43	1943044	231.718	ug/l	98
24) 1,1-Dichloroethane	3.70	63	245844	47.492	ug/l	99
25) 2-Butanone	4.70	43	607680	237.717	ug/l	97
26) 2,2-Dichloropropane	4.57	77	159993	40.034	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	140553	48.878	ug/l	95
28) Bromochloromethane	5.01	49	118763	47.436	ug/l	95
29) Tetrahydrofuran	5.15	42	410472	246.738	ug/l	99
30) Chloroform	5.22	83	221982	45.844	ug/l	92
31) Cyclohexane	5.57	56	211055	49.278	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	196041	45.872	ug/l	98
36) 1,1-Dichloropropene	5.80	75	164395	44.734	ug/l	97
37) Ethyl Acetate	4.87	43	226037	48.200	ug/l	98
38) Carbon Tetrachloride	5.79	117	169116	43.692	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	188552	46.464	ug/l	98
40) Benzene	6.14	78	536501	50.927	ug/l	100
41) Methacrylonitrile	5.06	41	124785	47.769	ug/l	98
42) 1,2-Dichloroethane	6.20	62	173444	43.339	ug/l	99
43) Isopropyl Acetate	6.46	43	351640	50.039	ug/l	99
44) Trichloroethene	7.21	130	133448	46.499	ug/l	96
45) 1,2-Dichloropropane	7.51	63	129867	45.852	ug/l	98
46) Dibromomethane	7.66	93	81782	44.708	ug/l	98
47) Bromodichloromethane	7.90	83	158826	44.735	ug/l	98
48) Methyl methacrylate	7.77	41	161556	47.191	ug/l	97
49) 1,4-Dioxane	7.75	88	72705	971.804	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1092055	231.228	ug/l	98
52) Toluene	8.79	92	297861	46.523	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	177136	46.164	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	191973	46.469	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	122594	45.417	ug/l	97
56) Ethyl methacrylate	9.18	69	199643	49.585	ug/l	97
57) 1,3-Dichloropropane	9.37	76	207216	45.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	534874	237.858	ug/l	100
59) 2-Hexanone	9.50	43	865547	232.441	ug/l	98
60) Dibromochloromethane	9.58	129	131430	46.667	ug/l	97
61) 1,2-Dibromoethane	9.67	107	128505	46.017	ug/l	99
64) Tetrachloroethene	9.34	164	131680	46.664	ug/l	97
65) Chlorobenzene	10.14	112	335428	46.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	122413	46.379	ug/l	99
67) Ethyl Benzene	10.25	91	580133	48.712	ug/l	100
68) m/p-Xylenes	10.36	106	446892	96.718	ug/l	100
69) o-Xylene	10.70	106	216554	49.816	ug/l	99
70) Styrene	10.71	104	363870	50.002	ug/l	99
71) Bromoform	10.86	173	108917	46.244	ug/l	100
73) Isopropylbenzene	11.02	105	591443	41.321	ug/l	99
74) N-amyl acetate	10.90	43	289122	40.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	203062	38.454	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	188398m	37.975	ug/l	
77) Bromobenzene	11.26	156	158315	39.688	ug/l	97
78) n-propylbenzene	11.36	91	672698	41.101	ug/l	100
79) 2-Chlorotoluene	11.42	91	404127	39.824	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	501284	40.940	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57954	38.170	ug/l	94
82) 4-Chlorotoluene	11.51	91	470278	39.301	ug/l	100
83) tert-Butylbenzene	11.77	119	523262	42.872	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	533248	42.971	ug/l	99
85) sec-Butylbenzene	11.94	105	688654	47.285	ug/l	100
86) p-Isopropyltoluene	12.07	119	663216	50.941	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	361317	48.168	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	362414	46.286	ug/l	97
89) n-Butylbenzene	12.39	91	583059	49.607	ug/l	98
90) Hexachloroethane	12.60	117	103315	46.010	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	347822	45.831	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55225	43.252	ug/l	91

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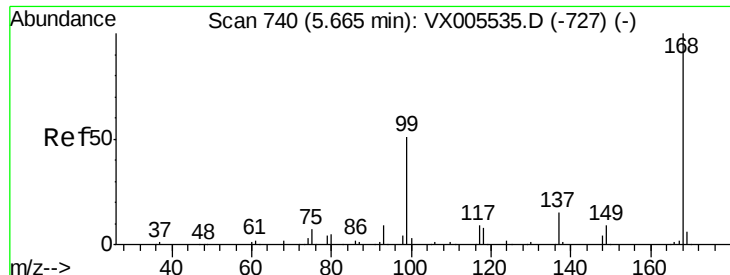
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	266103	48.370	ug/l	99
94) Hexachlorobutadiene	13.79	225	131191	46.017	ug/l	98
95) Naphthalene	13.83	128	887194	55.479	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	288665	51.762	ug/l	100

(#) = 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: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 260251

Ion Ratio Lower Upper

168 100

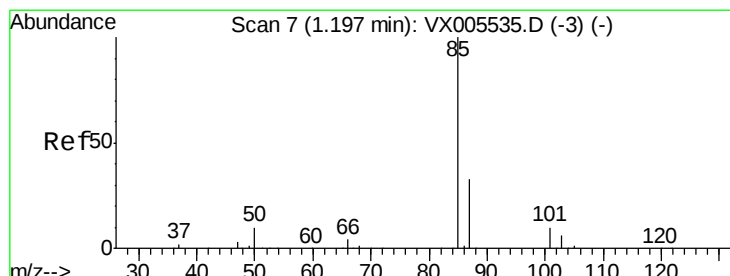
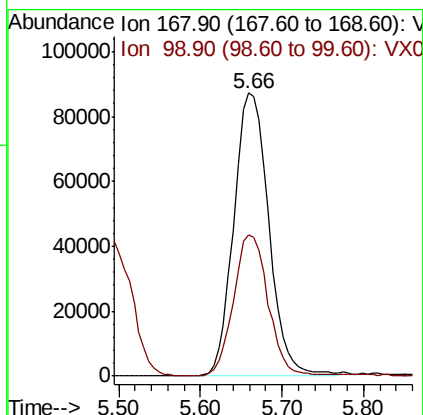
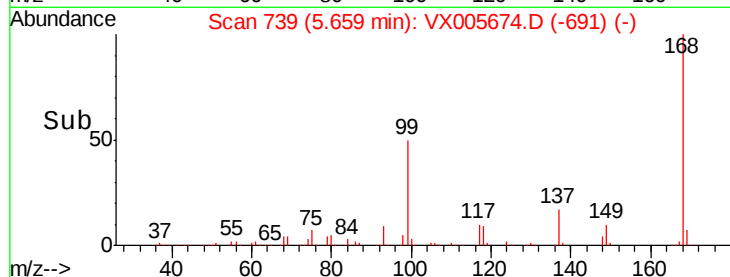
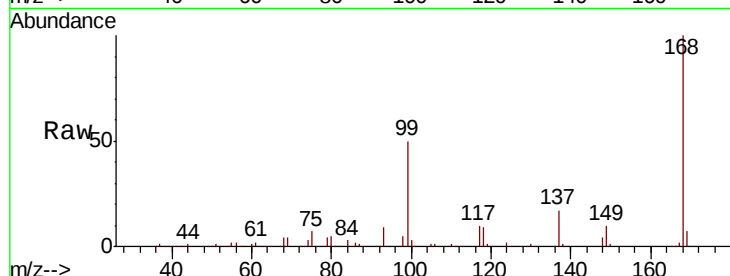
99 49.7 40.7 61.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 56.214 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005674.D

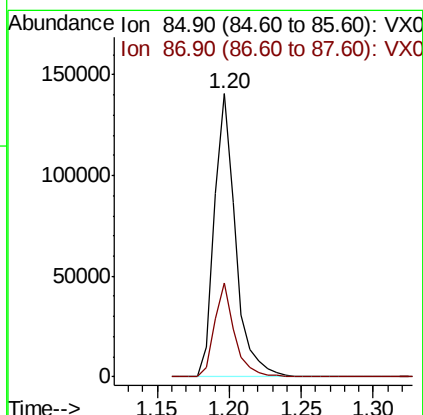
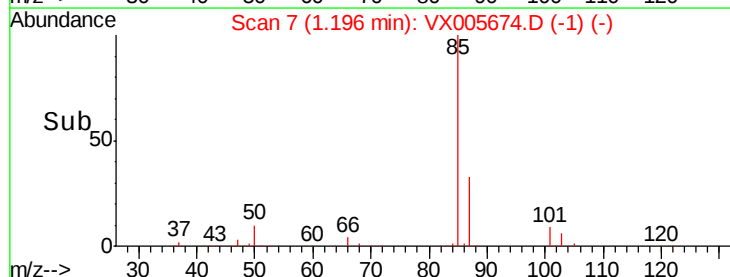
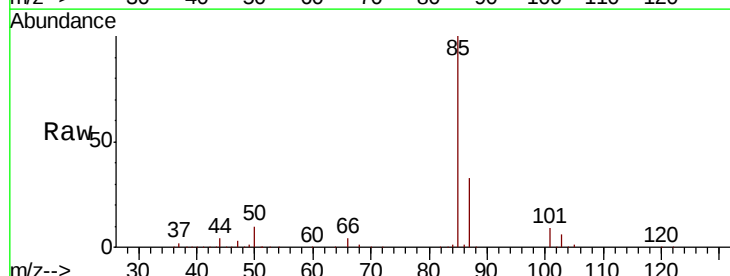
Acq: 29 Oct 2018 21:24

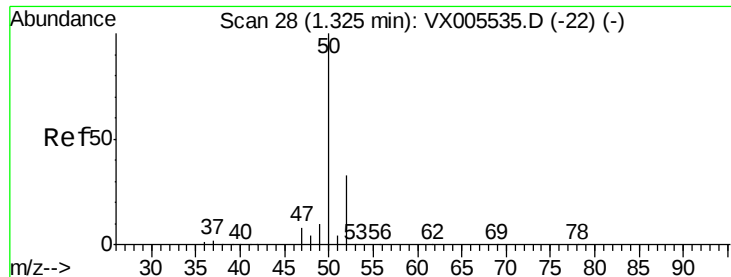
Tgt Ion: 85 Resp: 144402

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.9





#3

Chloromethane

Concen: 47.150 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 154246

Ion Ratio Lower Upper

50 100

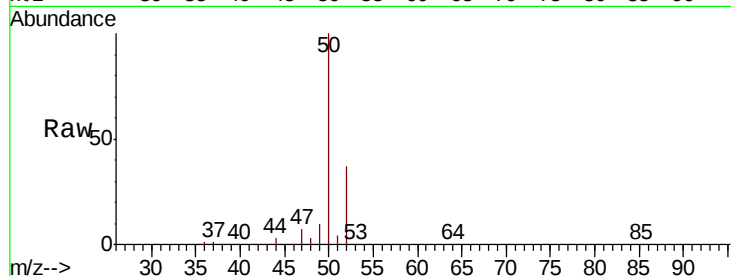
52 37.4 26.2 39.2

Manual Integrations

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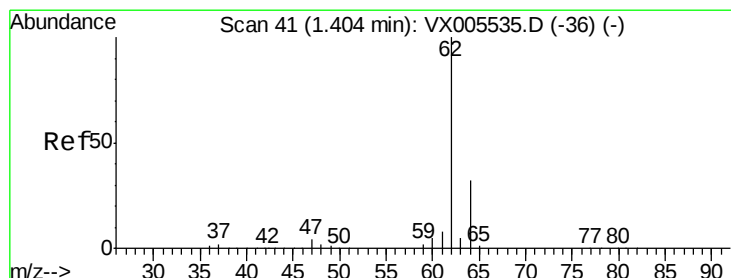
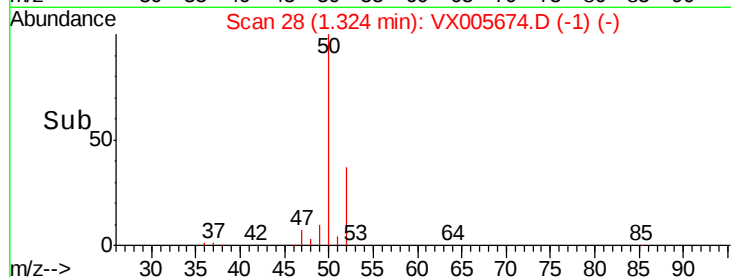
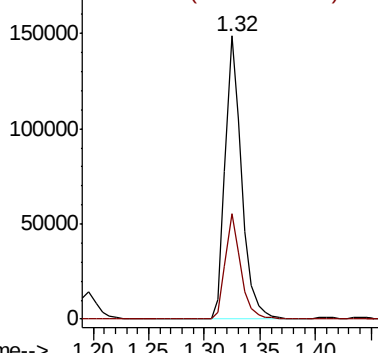
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.113 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005674.D

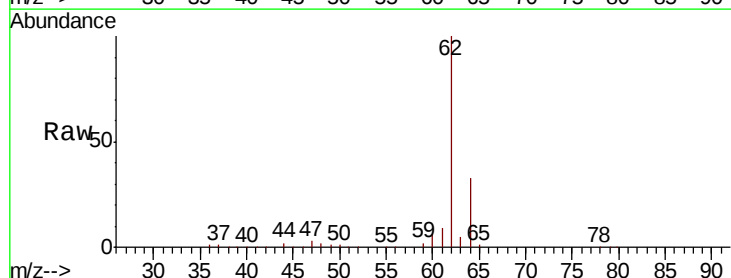
Acq: 29 Oct 2018 21:24

Tgt Ion: 62 Resp: 154764

Ion Ratio Lower Upper

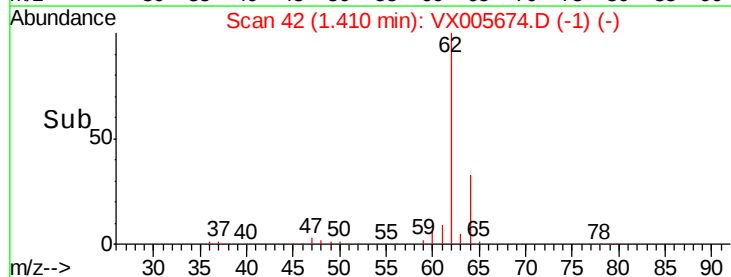
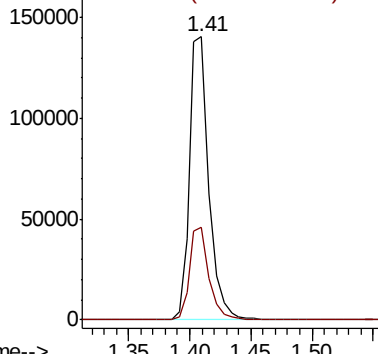
62 100

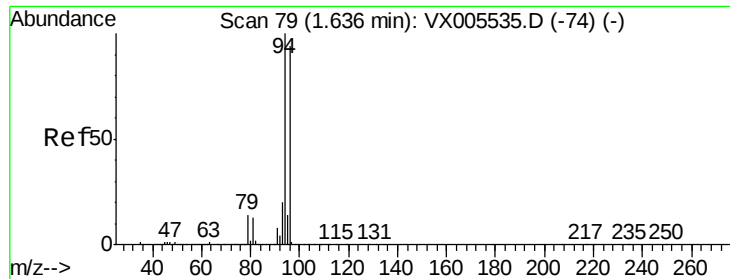
64 32.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 38.018 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 76095

Ion Ratio Lower Upper

94 100

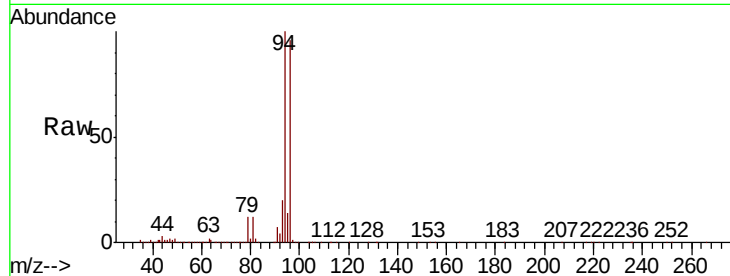
96 96.2 75.2 112.8

Manual Integrations

APPROVED

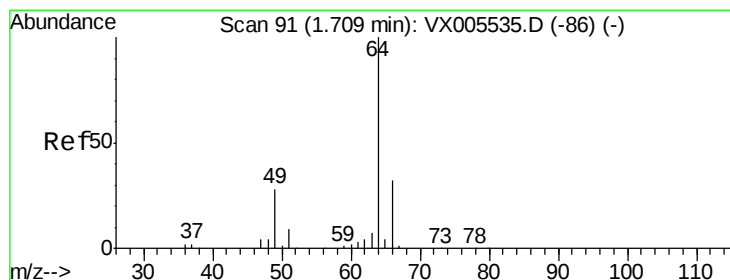
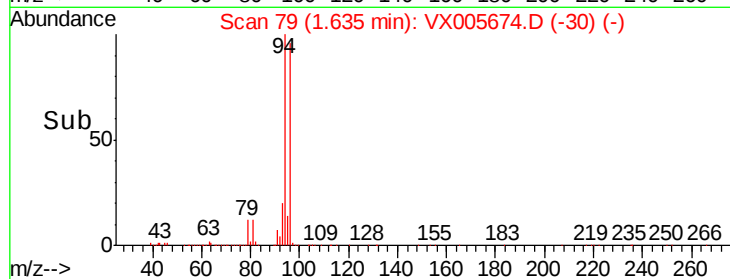
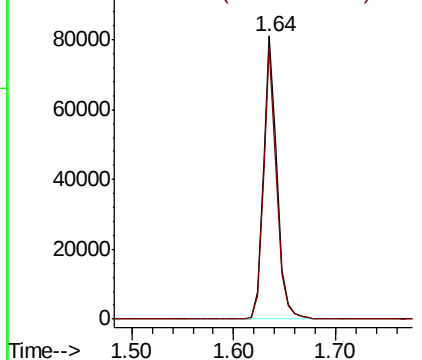
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.976 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX005674.D

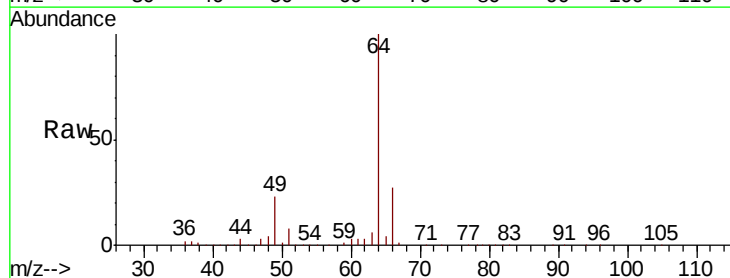
Acq: 29 Oct 2018 21:24

Tgt Ion: 64 Resp: 100640

Ion Ratio Lower Upper

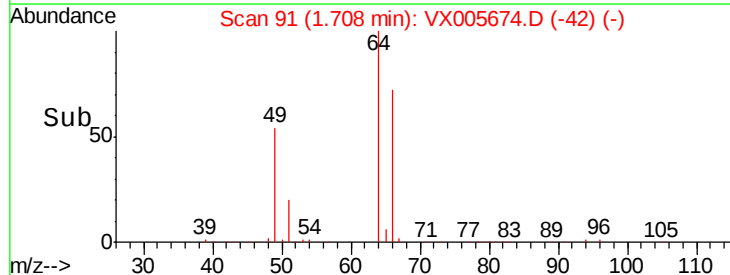
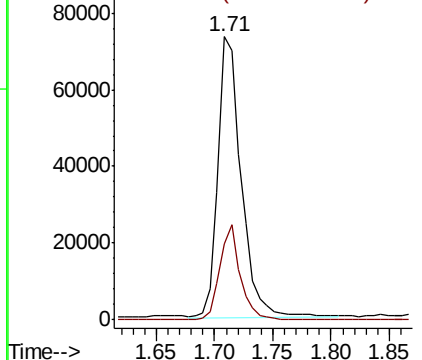
64 100

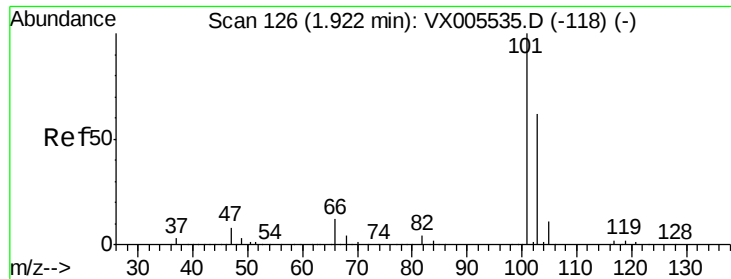
66 27.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

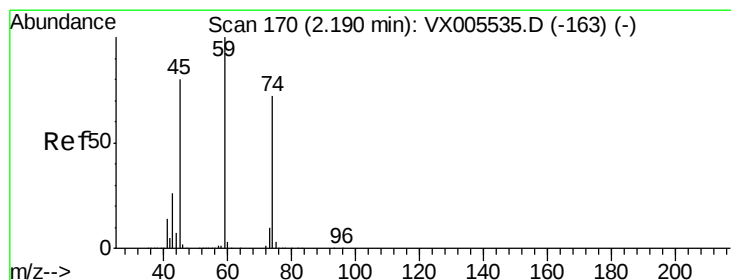
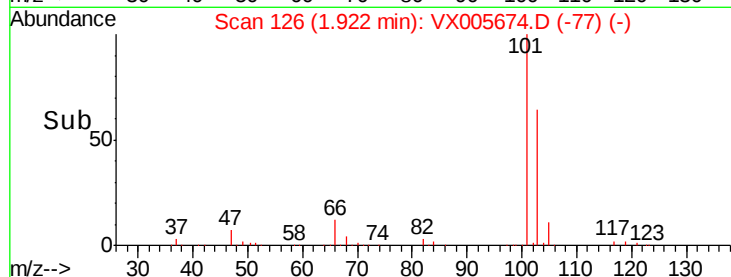
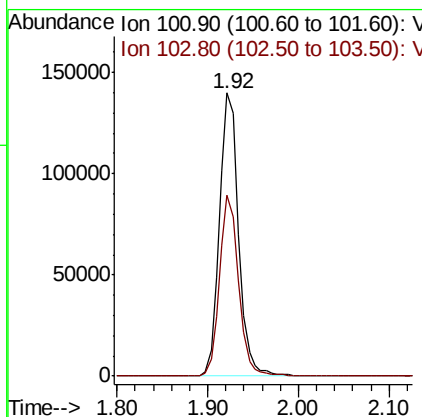
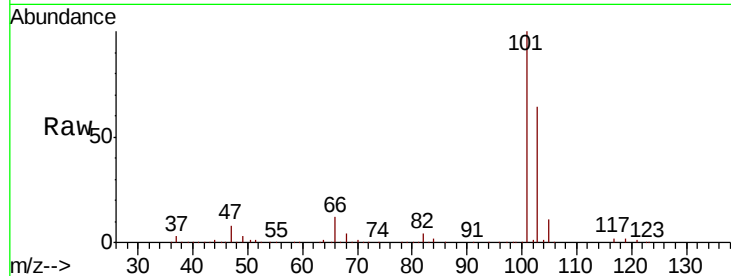
Trichlorofluoromethane
 Concen: 46.137 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.0	75.0

Manual Integrations
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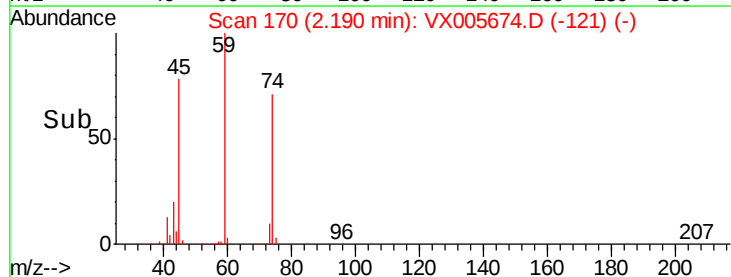
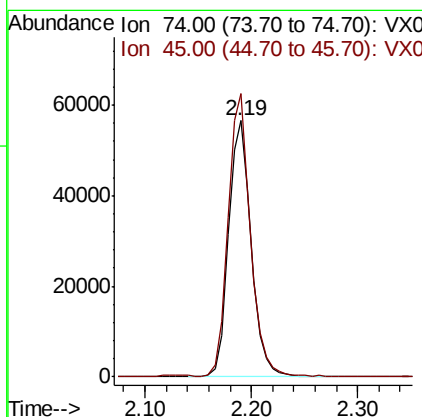
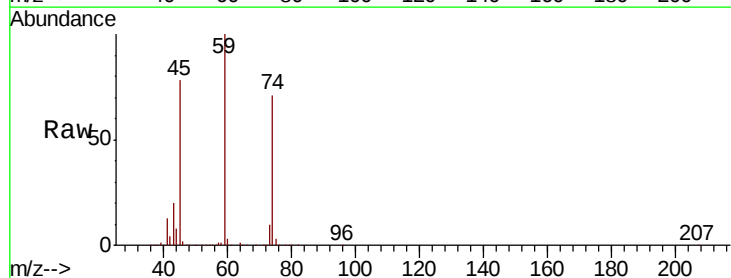
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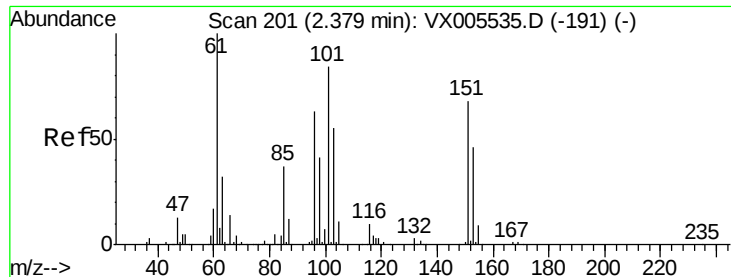


#8

Diethyl Ether
 Concen: 47.252 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.7	54.1	162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.162 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

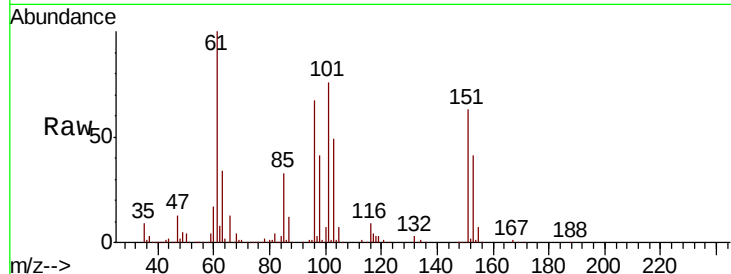
ClientSampleId :

VSTDCCC050EC

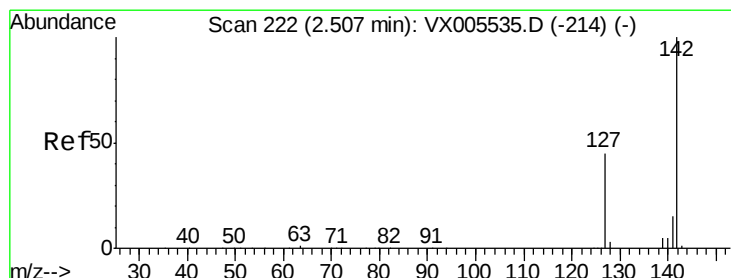
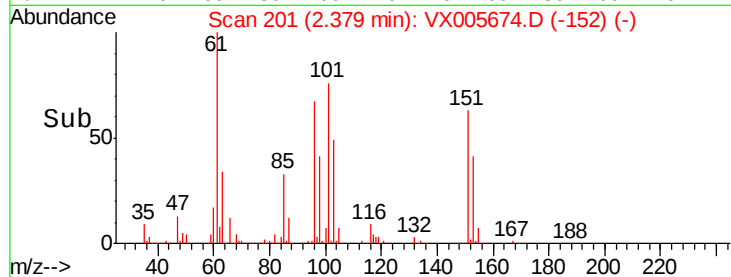
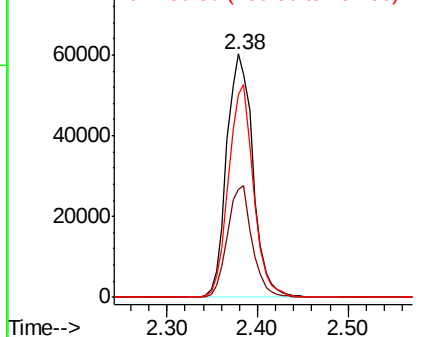
Tot Ion:	101	Resp:	120946
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.0	52.4
151	83.3	66.2	99.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.687 ug/l

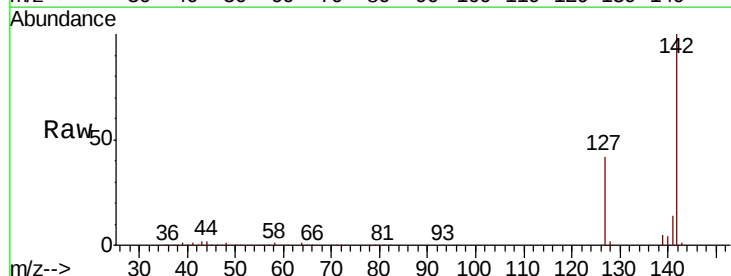
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

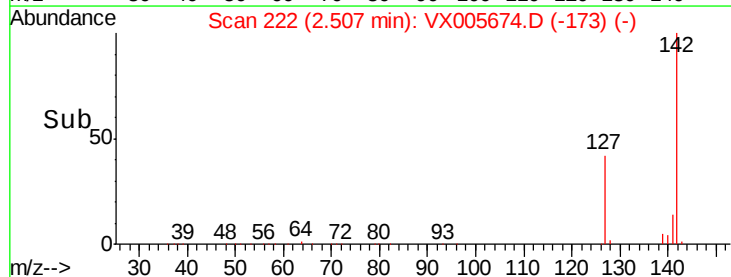
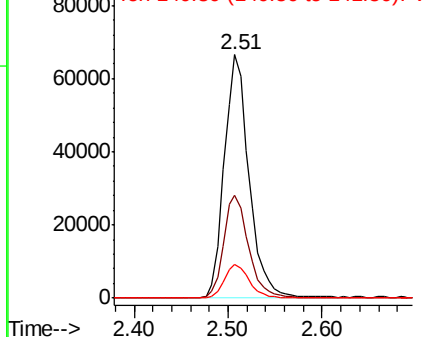
Lab File: VX005674.D

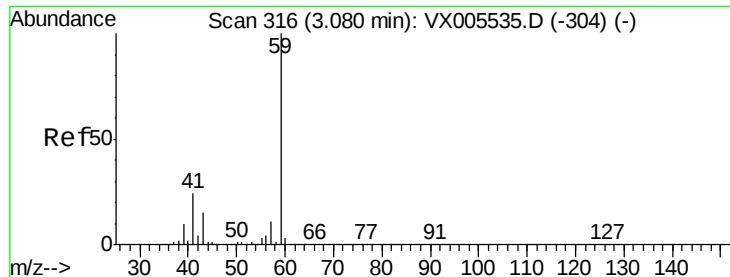
Acq: 29 Oct 2018 21:24

Tgt Ion:	142	Resp:	121697
Ion Ratio	Lower	Upper	
142	100		
127	42.3	36.0	54.0
141	14.1	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

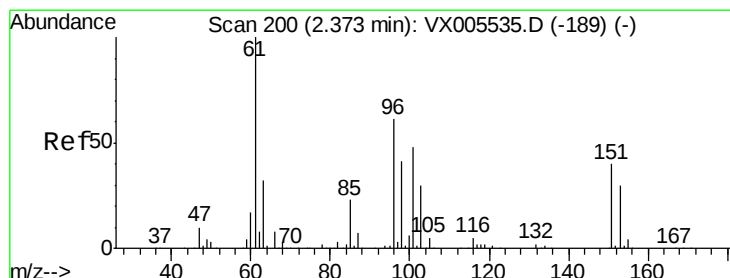
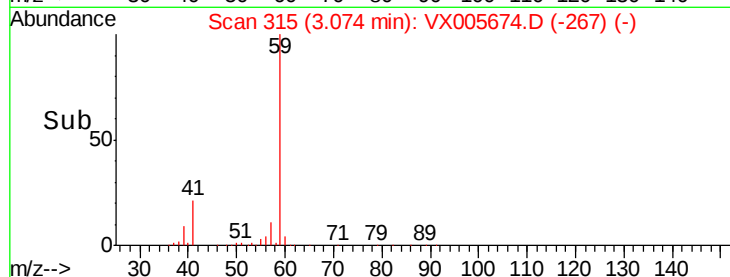
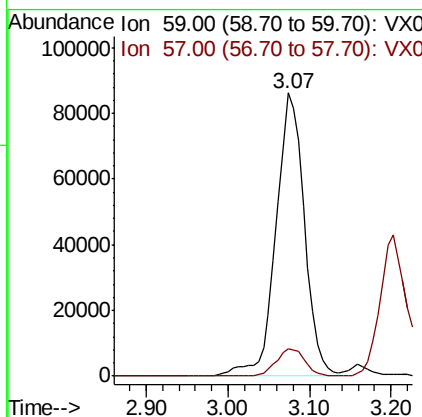
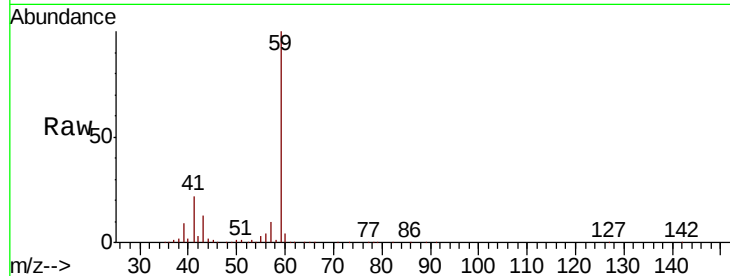
Tert butyl alcohol
Concen: 244.065 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.5	12.7

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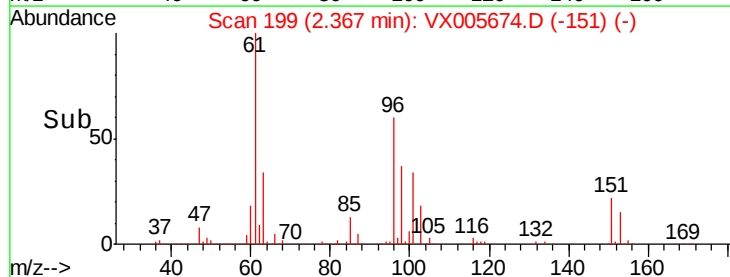
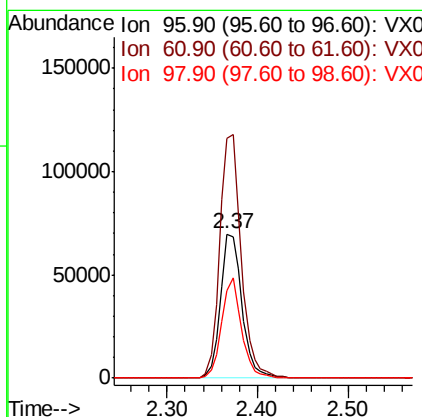
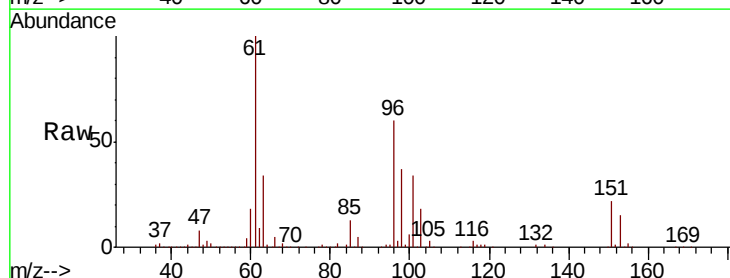
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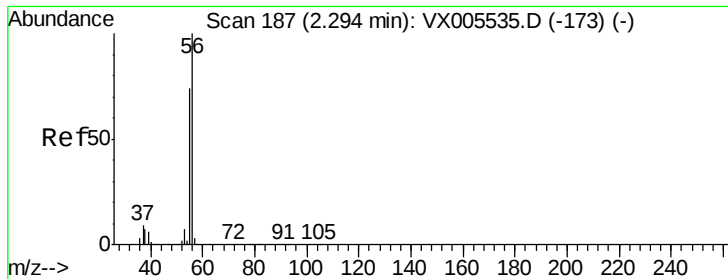


#12

1,1-Dichloroethene
Concen: 47.154 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.8	131.8	197.8
98	60.6	53.4	80.2





#13

Acrolein

Concen: 219.153 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 95569

Ion Ratio Lower Upper

56 100

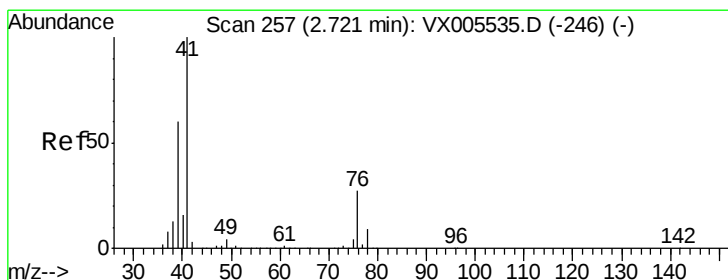
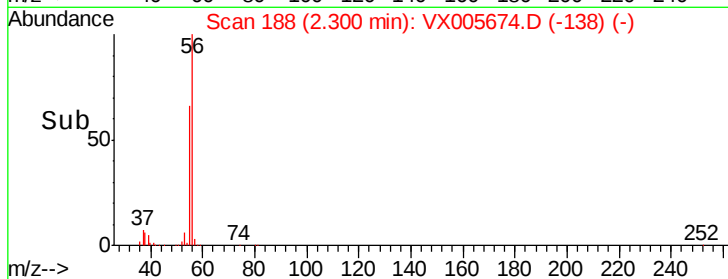
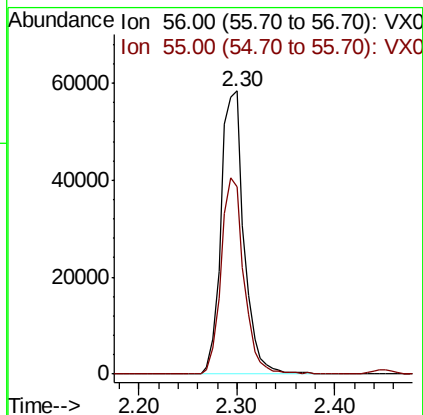
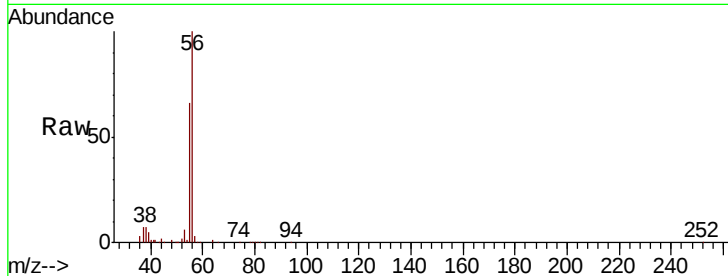
55 69.5 57.3 85.9

Manual Integrations

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#14

Allyl chloride

Concen: 46.290 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

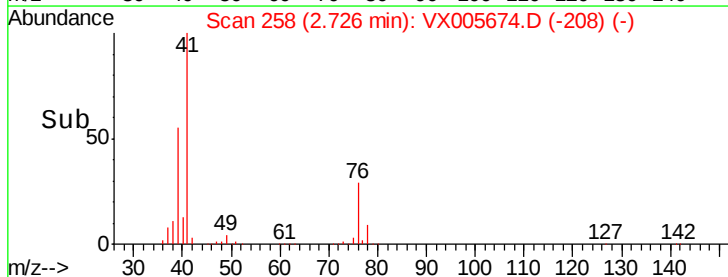
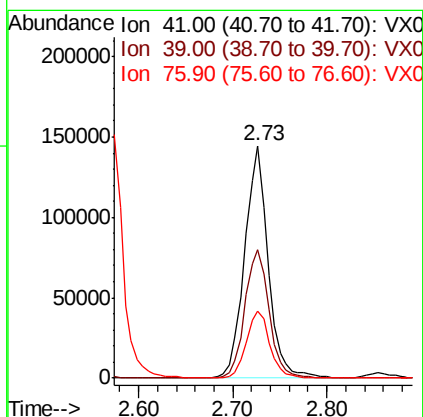
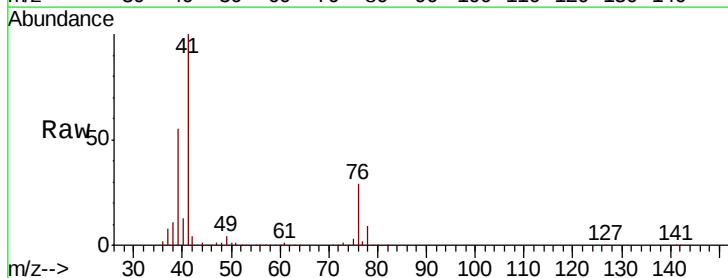
Tgt Ion: 41 Resp: 252382

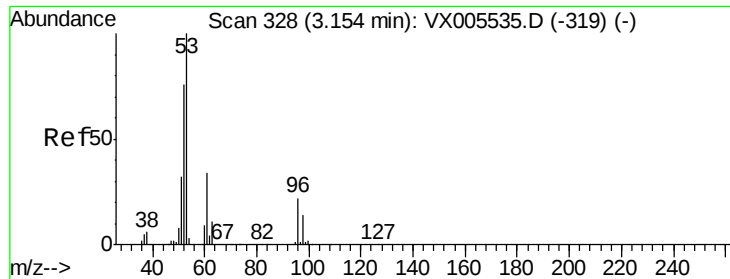
Ion Ratio Lower Upper

41 100

39 56.8 48.2 72.4

76 28.7 21.9 32.9





#15

Acrylonitrile

Concen: 229.200 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

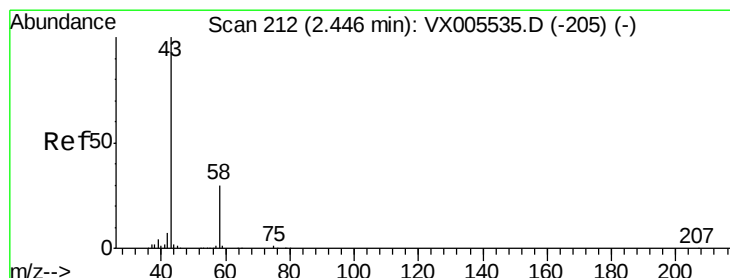
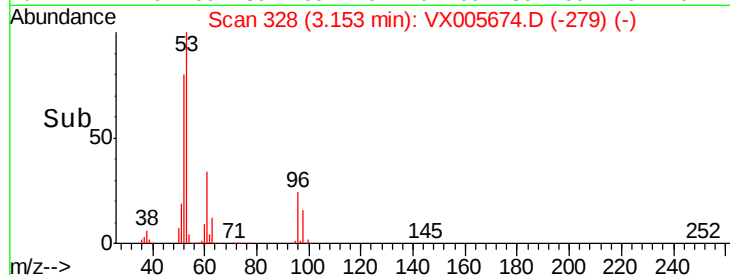
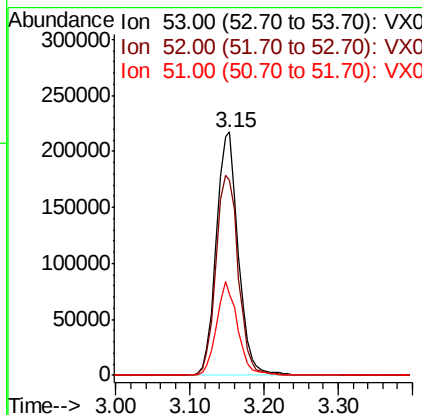
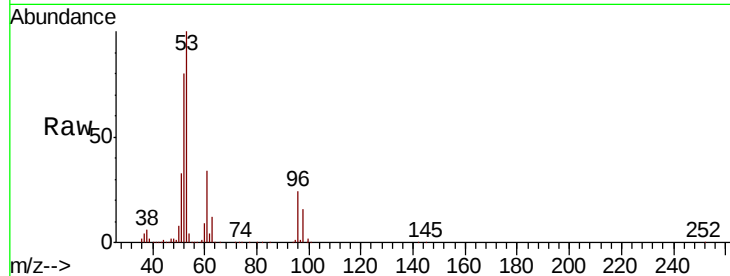
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	439371
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.6	99.8
51	37.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 231.176 ug/l

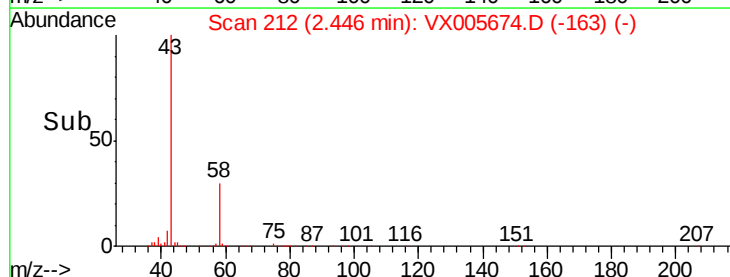
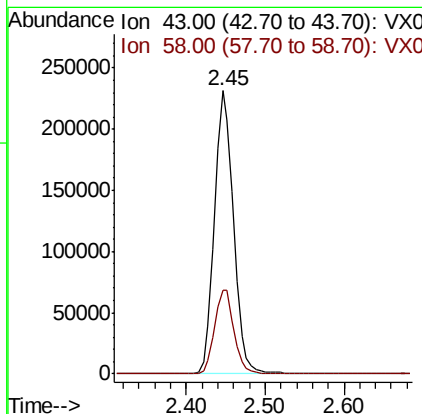
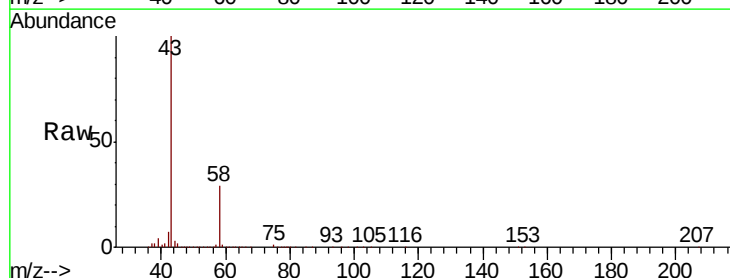
RT: 2.45 min Scan# 212

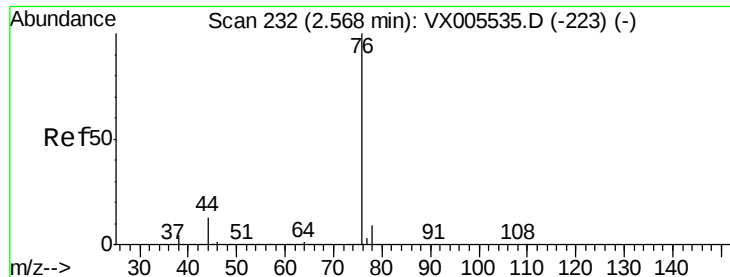
Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tgt Ion:	43	Resp:	388074
Ion	Ratio	Lower	Upper
43	100		
58	29.5	23.8	35.6





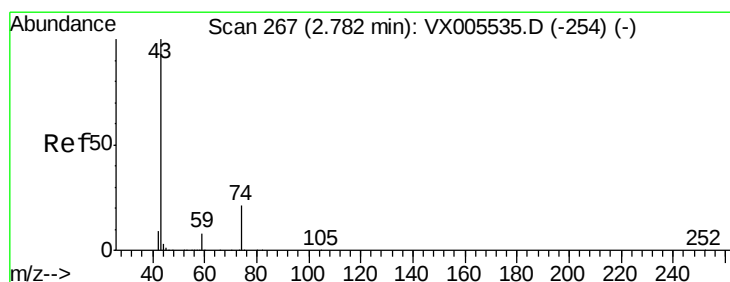
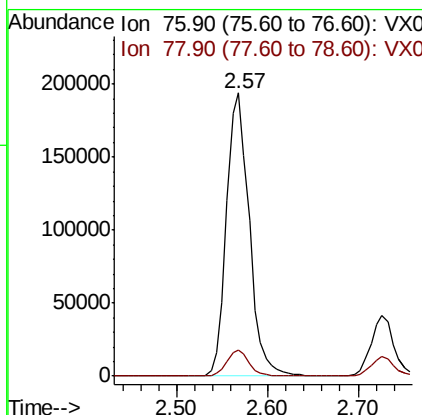
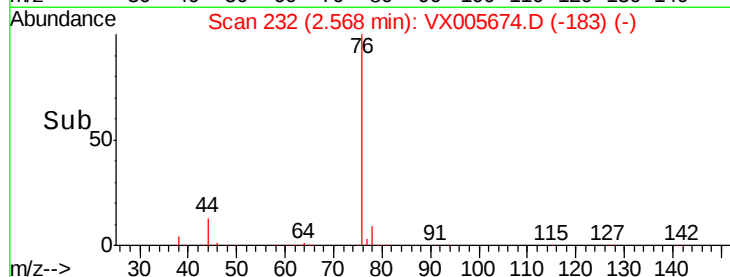
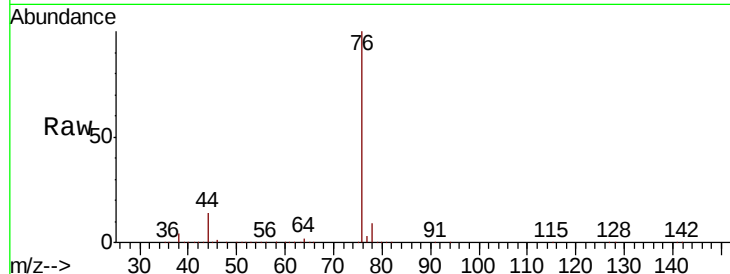
#17
Carbon Disulfide
Concen: 45.413 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

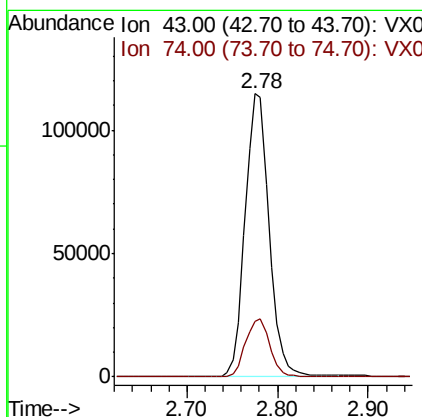
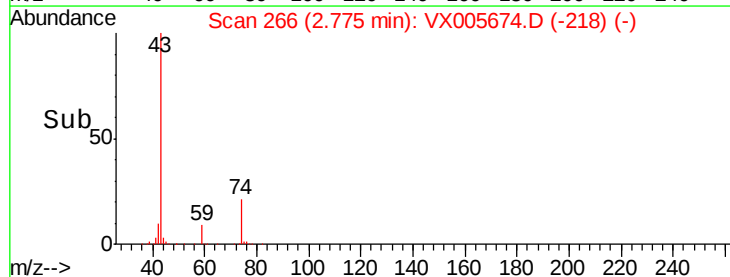
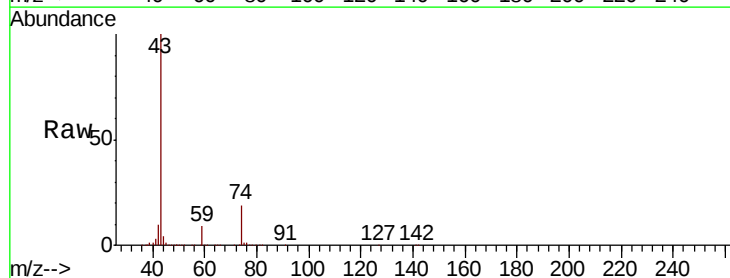
Manual Integrations
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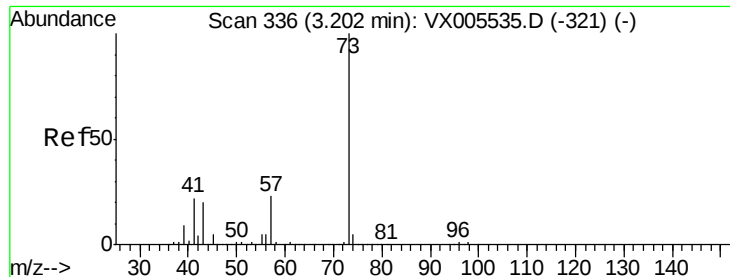
MMDadoda
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#18
Methyl Acetate
Concen: 50.742 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.8	25.2





#19

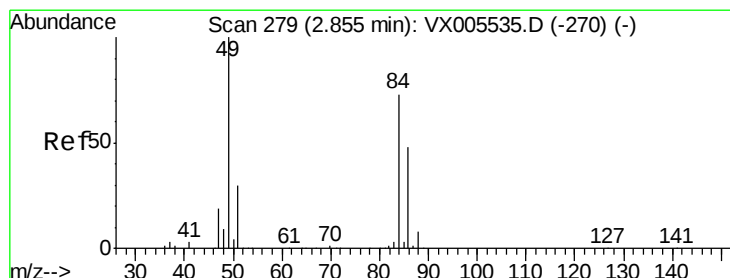
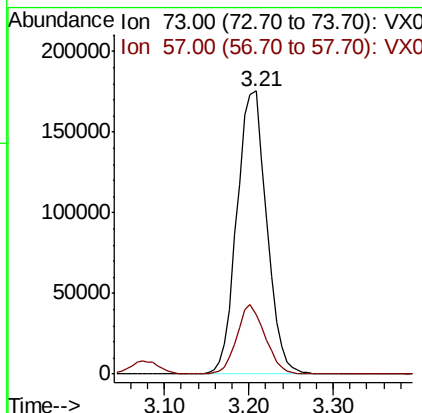
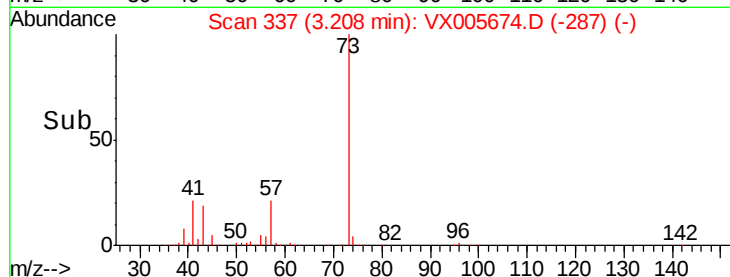
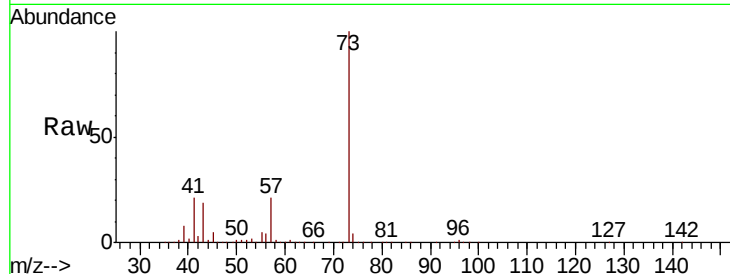
Methyl tert-butyl Ether
 Concen: 47.931 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.8	28.2

Manual Integrations
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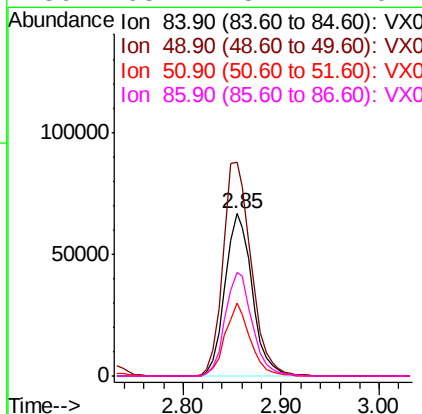
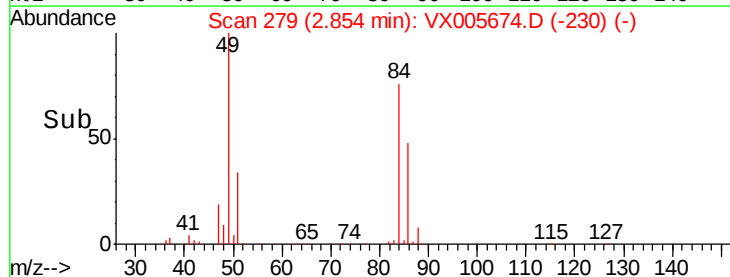
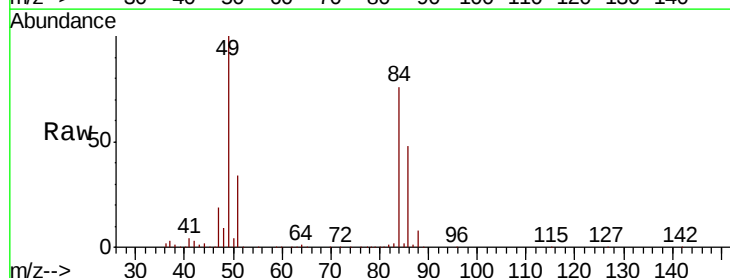
MMDadoda
 10/30/2018 10:51:07 AM

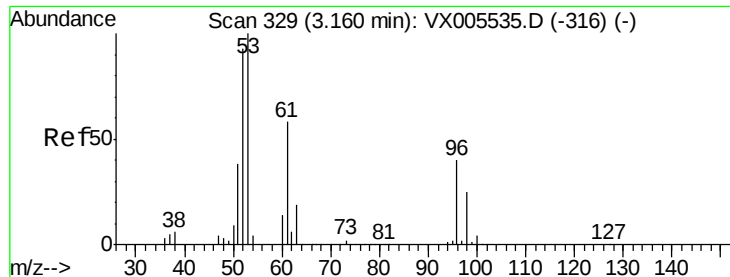


#20

Methylene Chloride
 Concen: 45.652 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.6	109.5	164.3
51	45.0	33.3	49.9
86	63.7	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 46.522 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

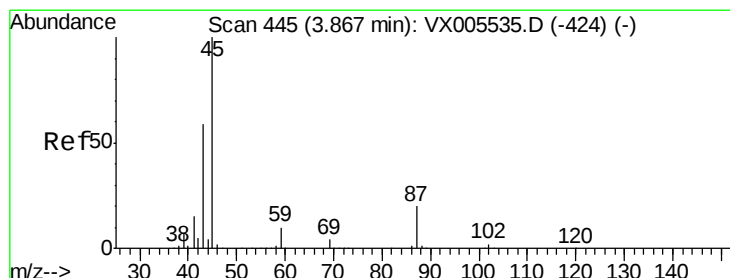
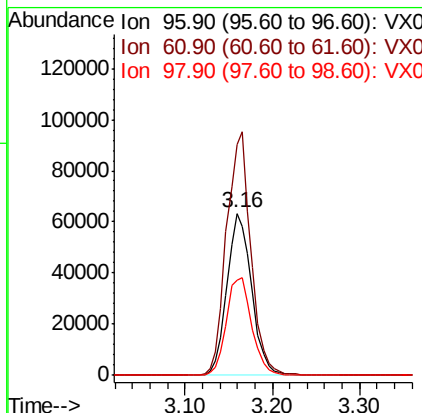
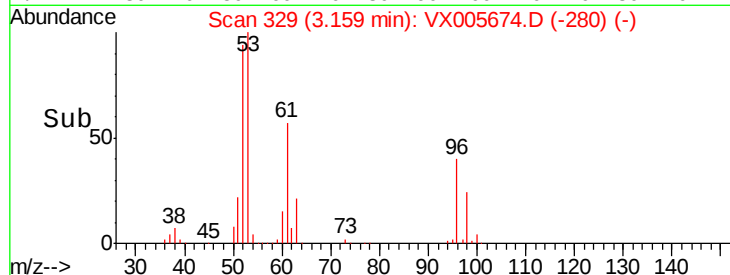
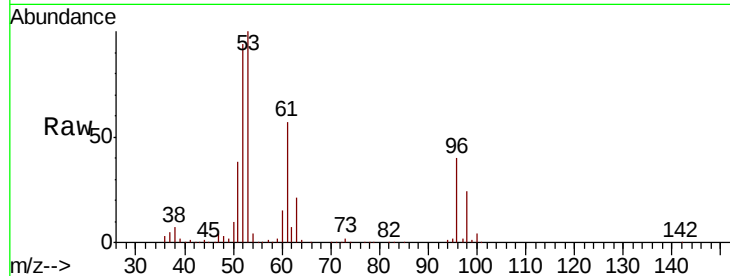
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	124091
Ion	Ratio	Lower	Upper
96	100		
61	142.2	115.6	173.4
98	59.0	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.581 ug/l

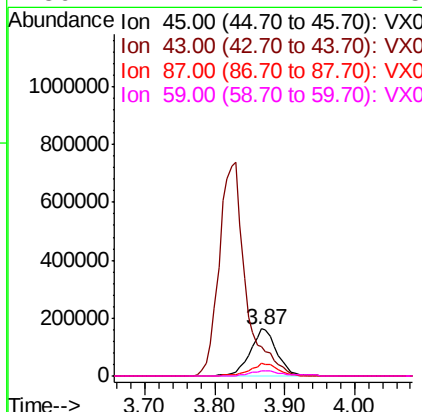
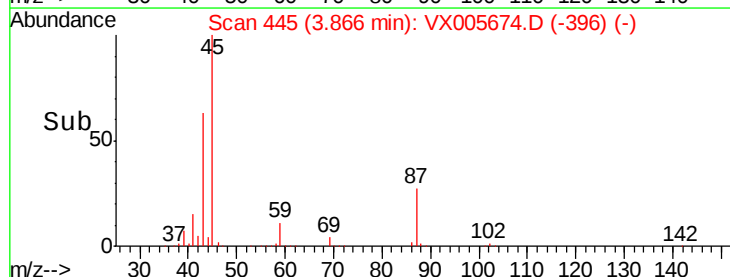
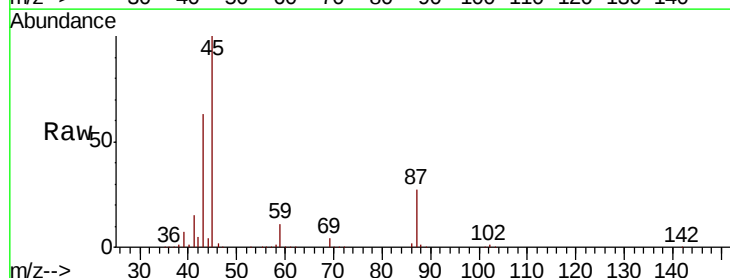
RT: 3.87 min Scan# 445

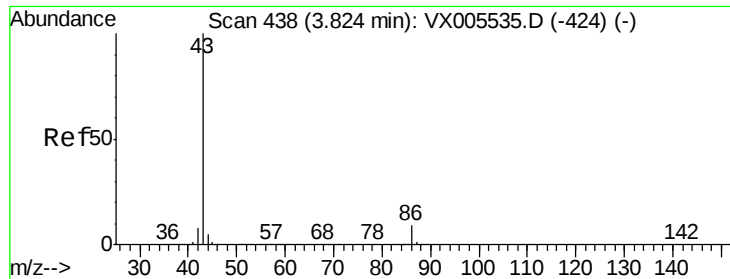
Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tgt Ion:	45	Resp:	433987
Ion	Ratio	Lower	Upper
45	100		
43	62.9	47.4	71.2
87	27.2	15.9	23.9
59	11.1	7.7	11.5





#23

Vinyl Acetate

Concen: 231.718 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1943044

Ion Ratio Lower Upper

43 100

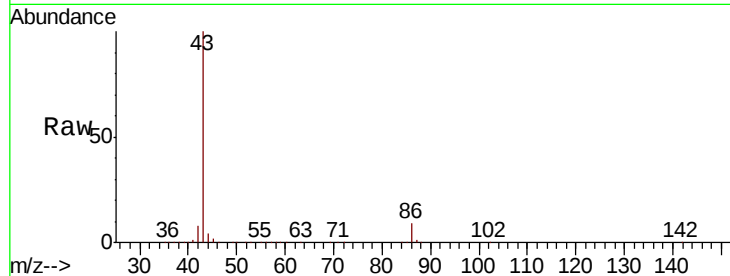
86 8.7 7.4 11.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

400000

200000

0

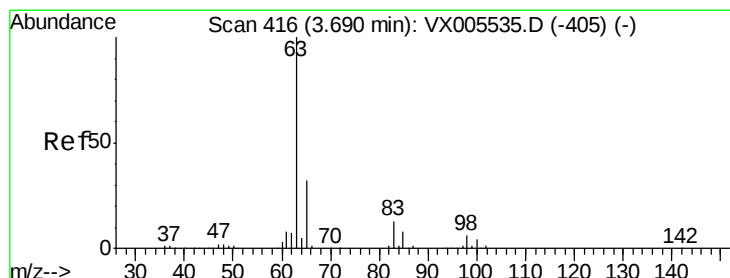
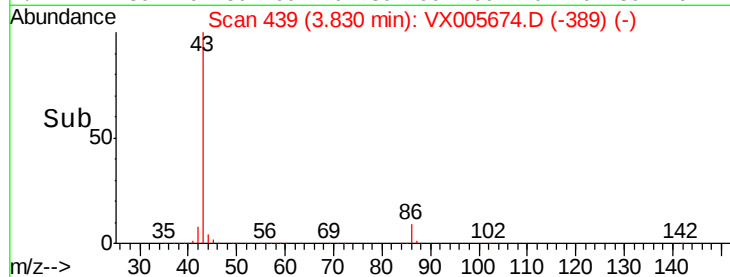
3.83

3.60

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.492 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

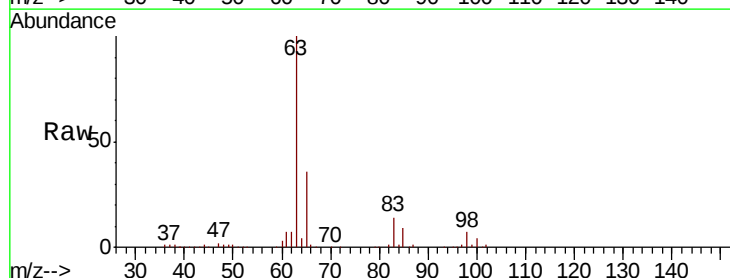
Tgt Ion: 63 Resp: 245844

Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

100 4.4 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

50000

0

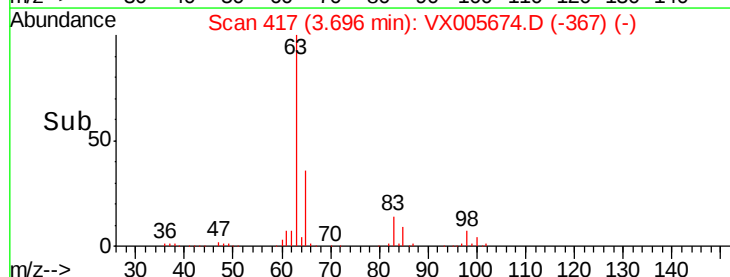
3.70

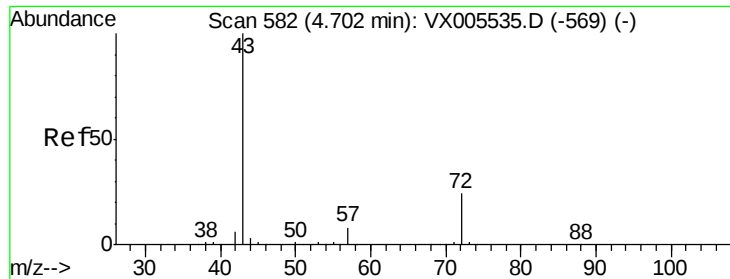
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 237.717 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 607680

Ion Ratio Lower Upper

43 100

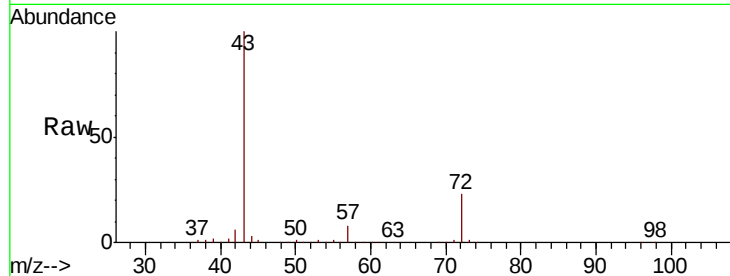
72 22.8 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-569) (-)

Ion 72.00 (71.70 to 72.70): VX005535.D (-569) (-)

250000

200000

150000

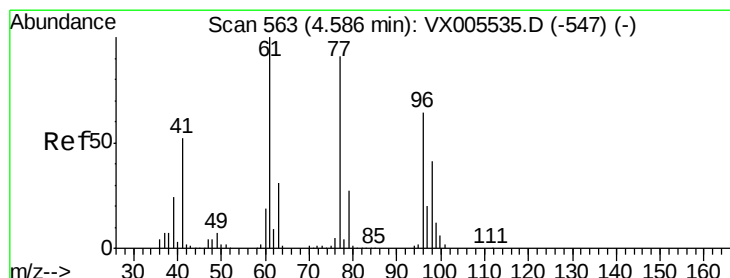
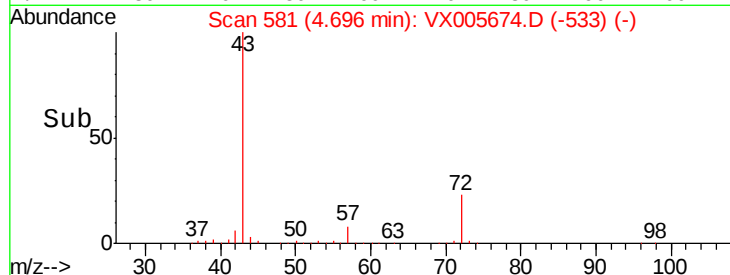
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 40.034 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX005674.D

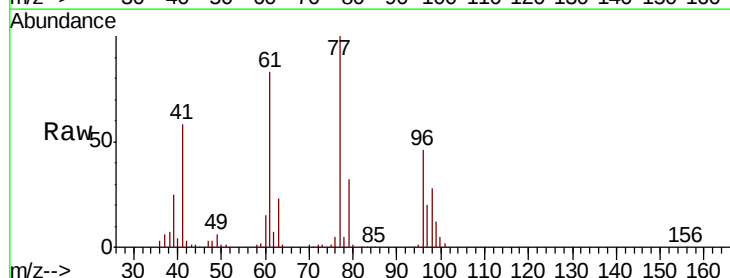
Acq: 29 Oct 2018 21:24

Tgt Ion: 77 Resp: 159993

Ion Ratio Lower Upper

77 100

97 24.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005535.D (-547) (-)

Ion 96.90 (96.60 to 97.60): VX005535.D (-547) (-)

60000

50000

40000

30000

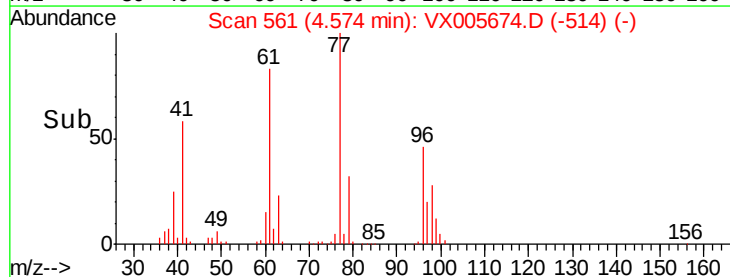
20000

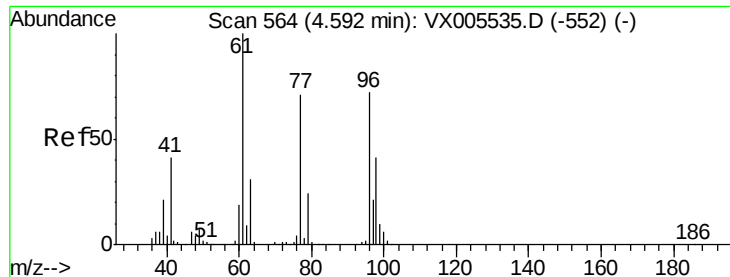
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

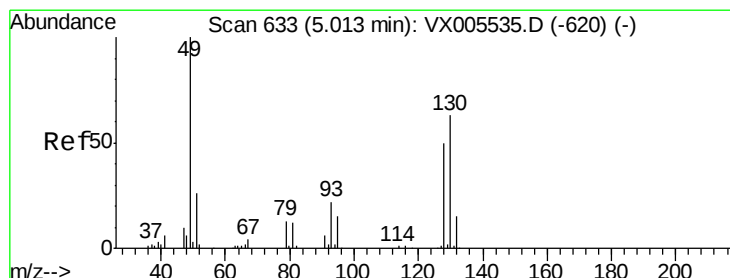
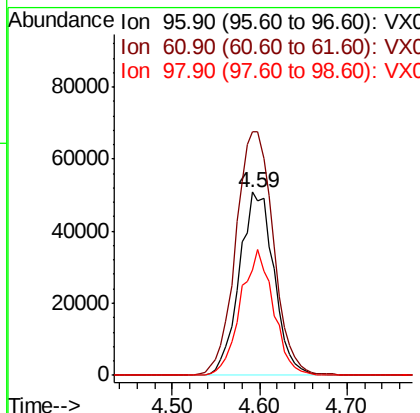
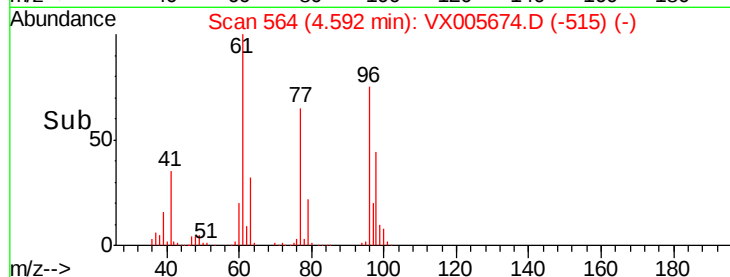
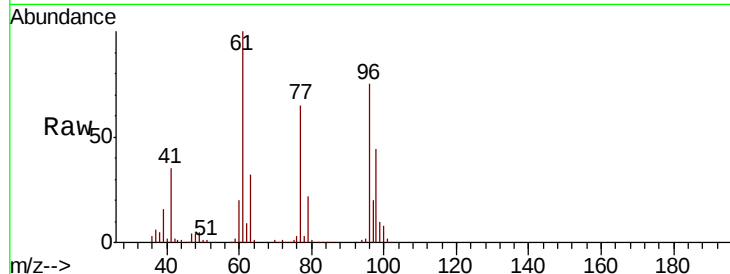
cis-1,2-Dichloroethene
Concen: 48.878 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.4	0.0	304.6	
98	65.0	0.0	127.4	

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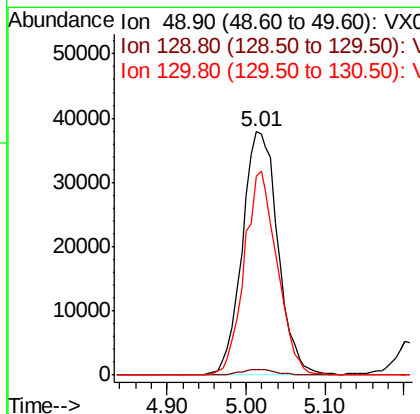
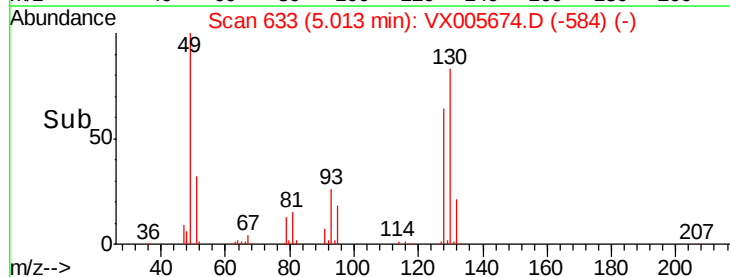
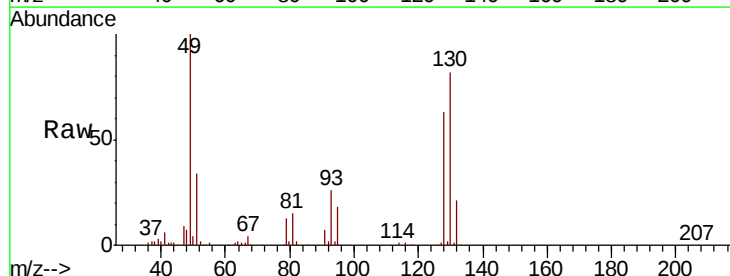
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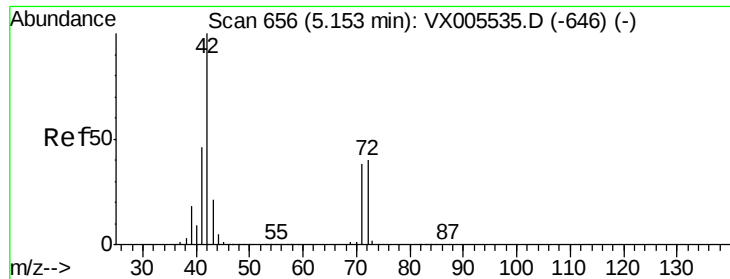


#28

Bromochloromethane
Concen: 47.436 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.0	
130	77.6	58.9	88.3	





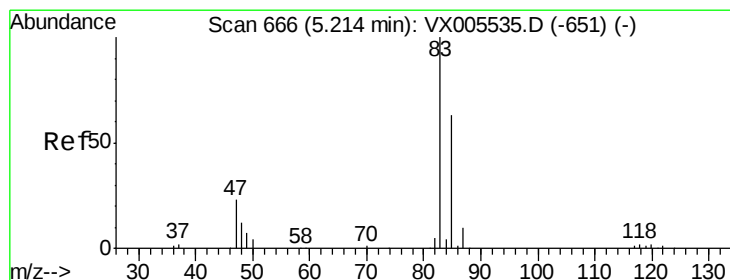
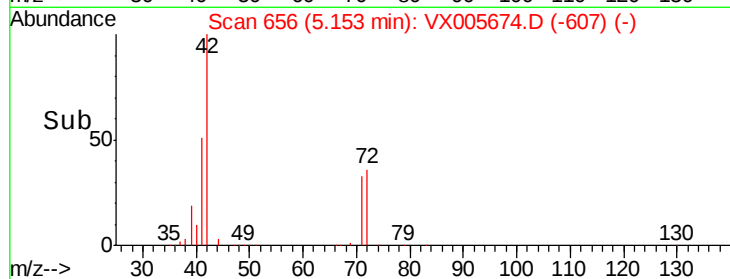
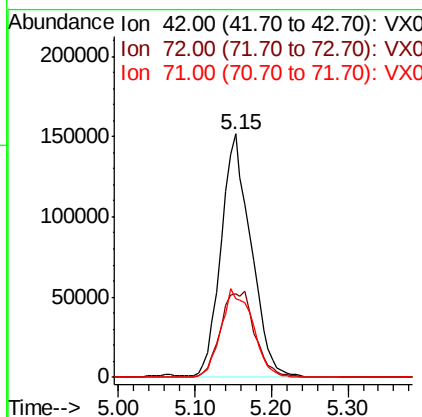
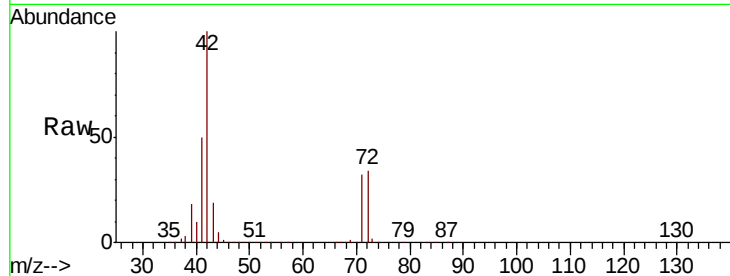
#29
Tetrahydrofuran
Concen: 246.738 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.0	48.0
71	38.6	29.8	44.8

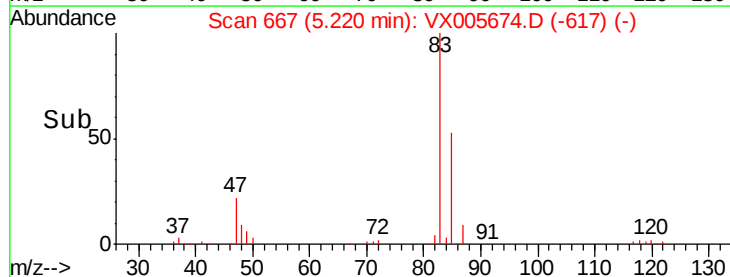
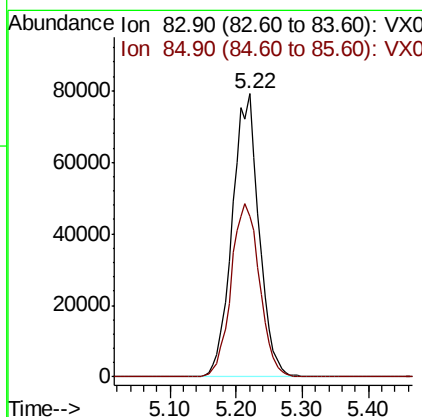
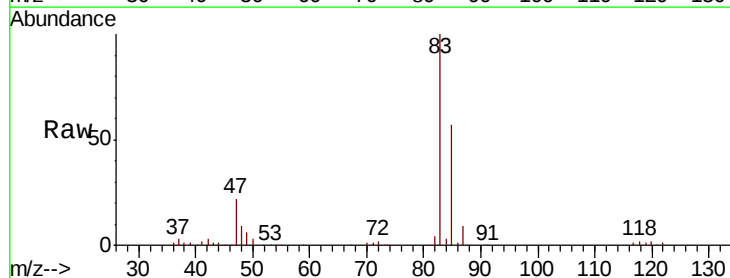
Manual Integrations
APPROVED

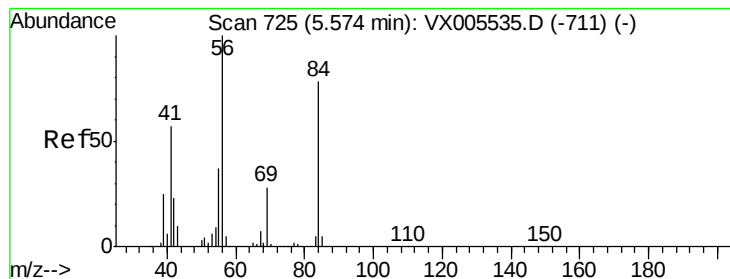
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#30
Chloroform
Concen: 45.844 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.9	50.6	76.0





#31

Cyclohexane

Concen: 49.278 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

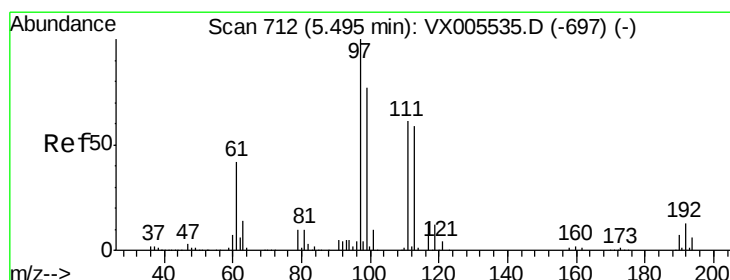
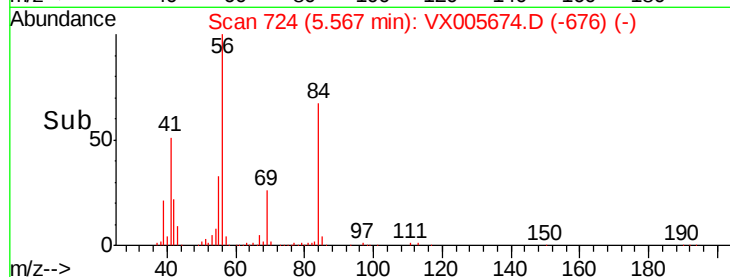
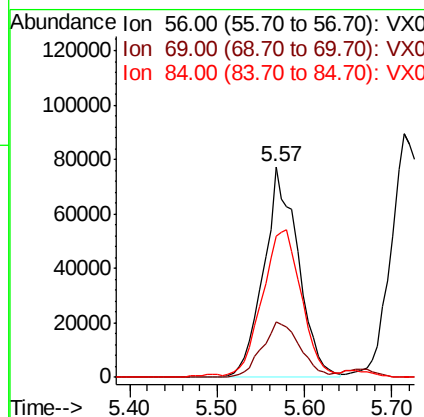
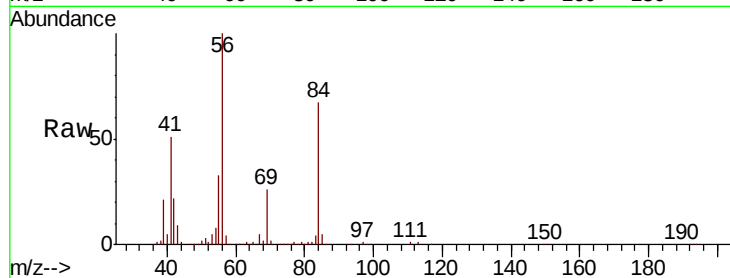
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	211055
Ion	Ratio	Lower	Upper
56	100		
69	26.4	22.6	34.0
84	66.3	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 45.872 ug/l

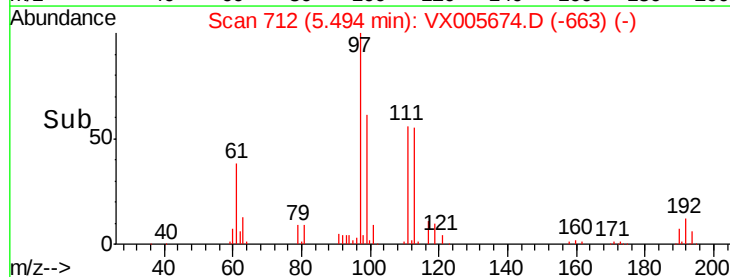
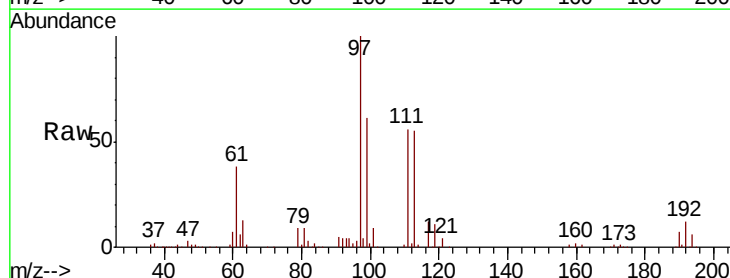
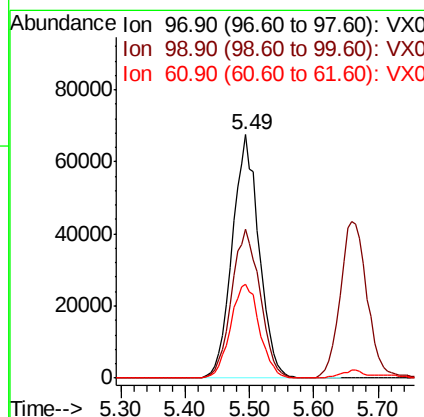
RT: 5.49 min Scan# 712

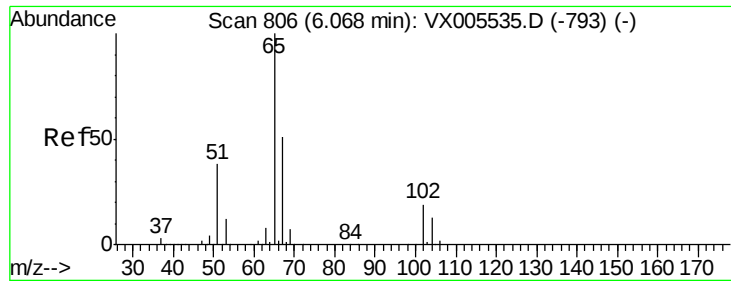
Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tgt Ion:	97	Resp:	196041
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	41.8	35.2	52.8





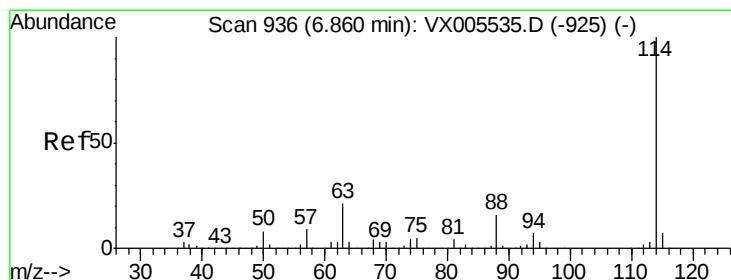
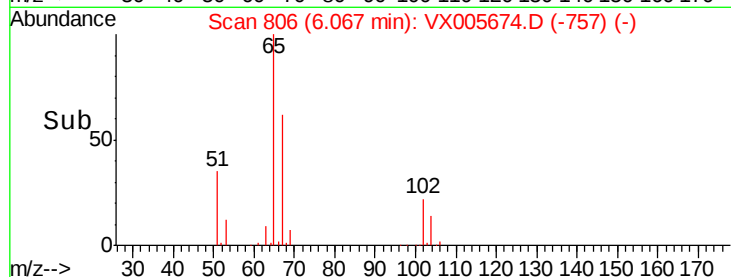
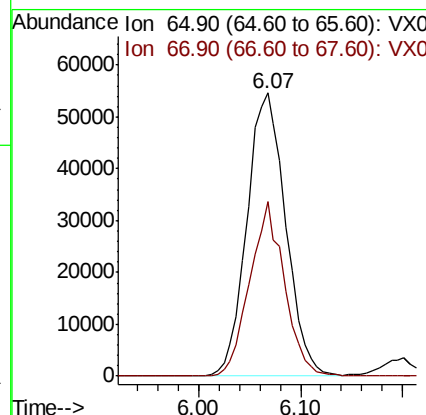
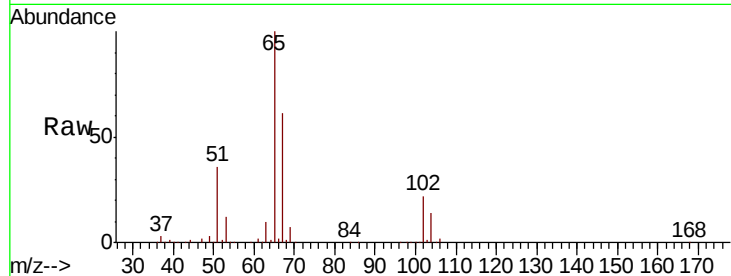
#33
 1,2-Dichloroethane-d4
 Concen: 45.405 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	105.0

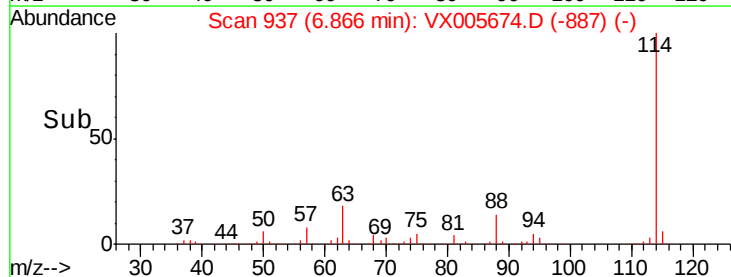
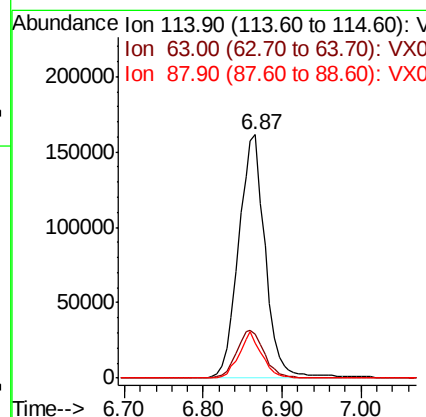
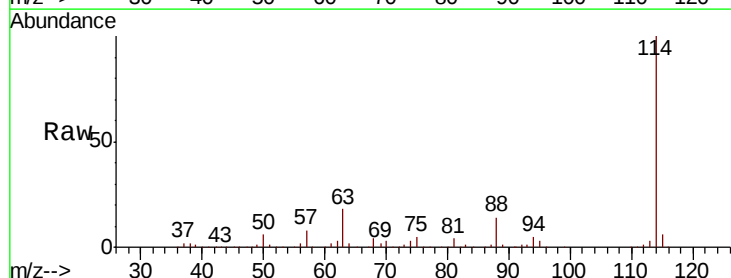
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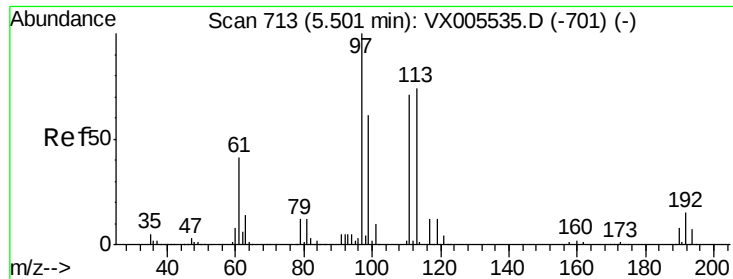
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	42.8
88	14.4	0.0	31.2





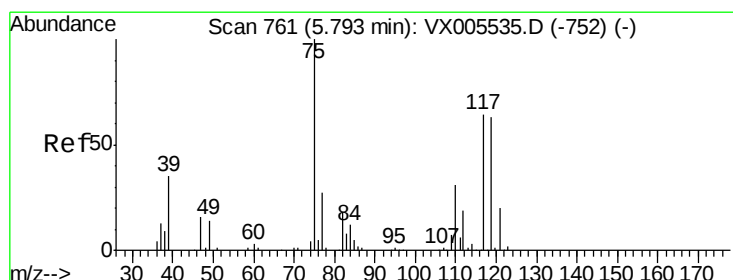
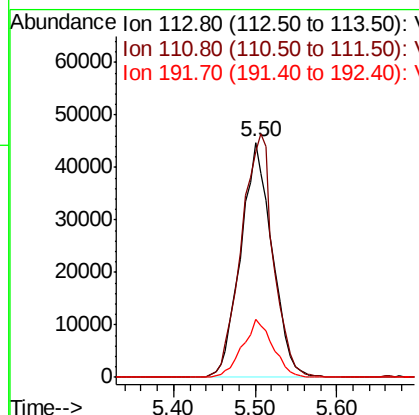
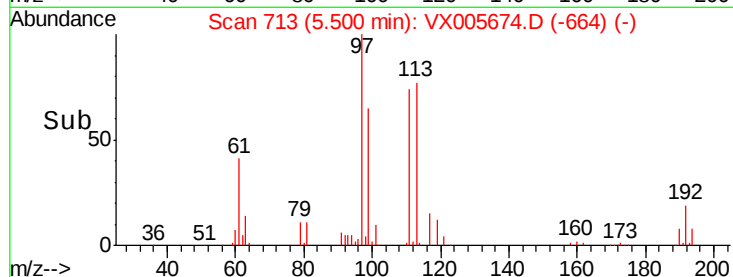
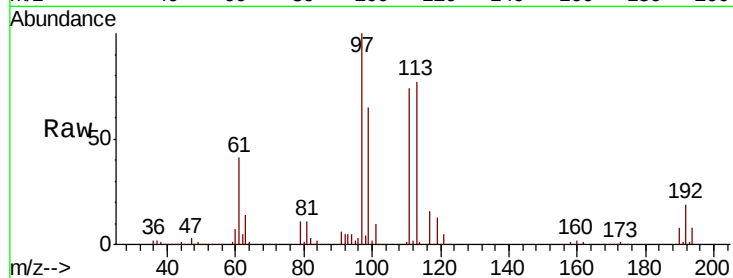
#35
 Dibromofluoromethane
 Concen: 46.751 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	119876		
111	106.0	82.3	123.5	
192	23.8	17.9	26.9	

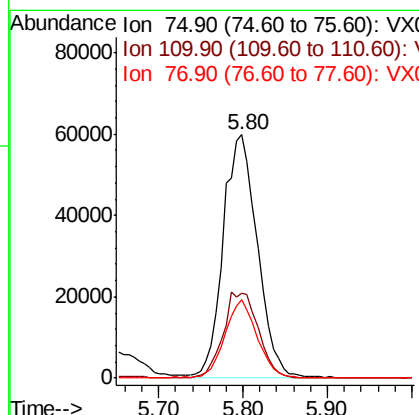
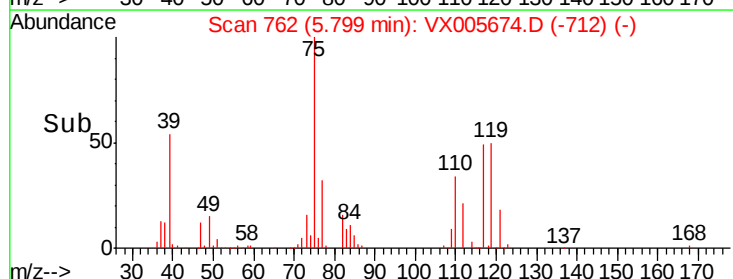
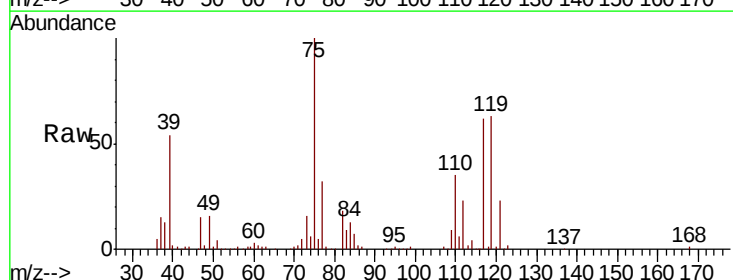
Manual Integrations
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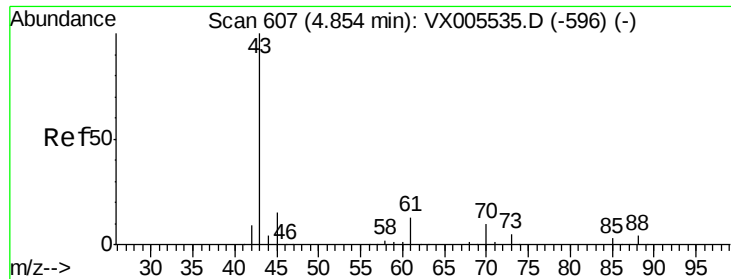
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#36
 1,1-Dichloropropene
 Concen: 44.734 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	164395		
110	36.6	17.4	52.2	
77	30.1	25.8	38.6	





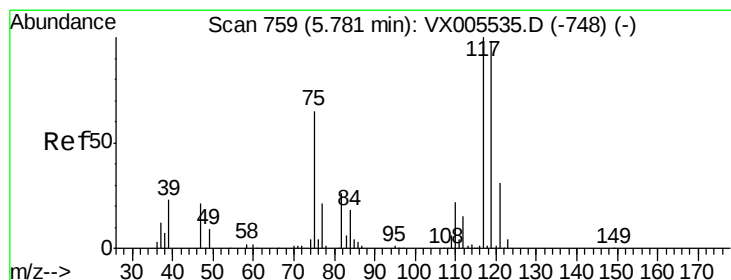
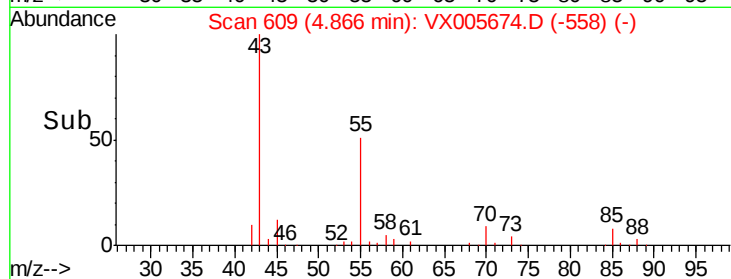
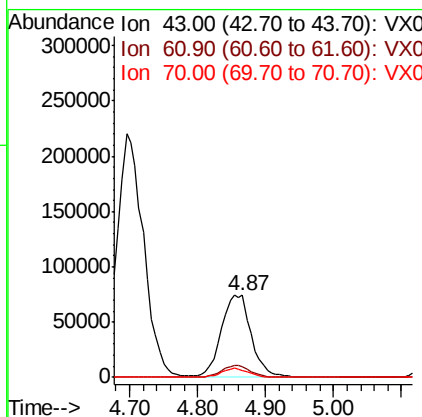
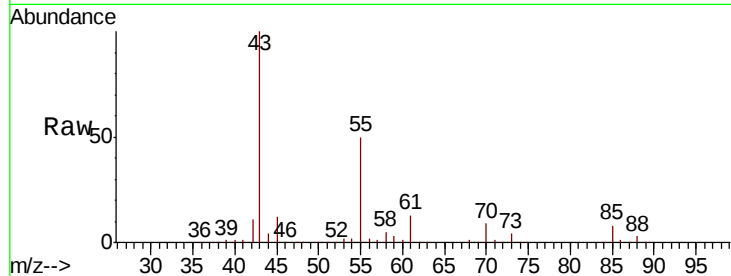
#37
Ethyl Acetate
Concen: 48.200 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.8	16.2
70	10.3	7.8	11.8

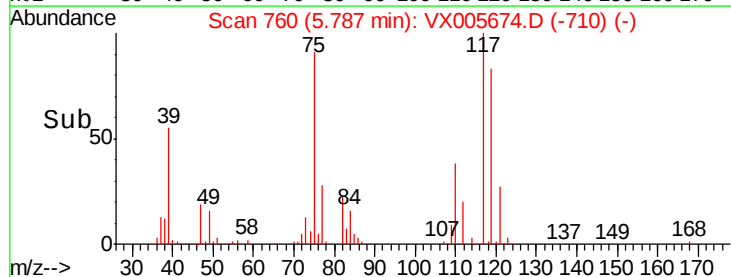
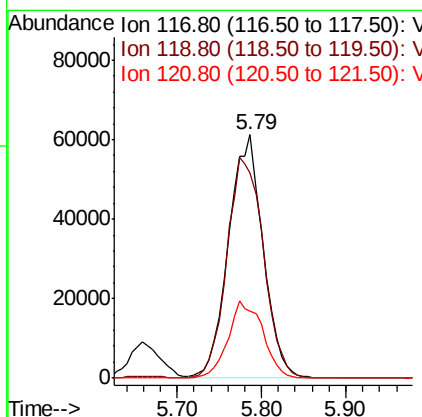
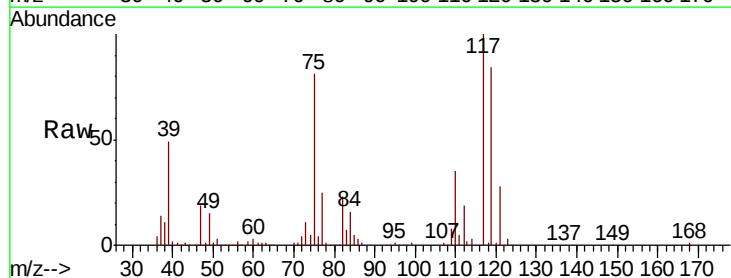
Manual Integrations
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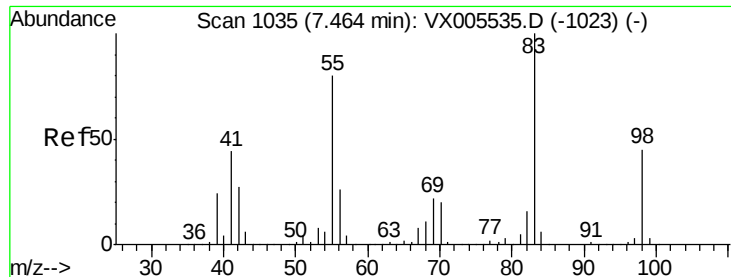
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#38
Carbon Tetrachloride
Concen: 43.692 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	84.2	78.1	117.1
121	27.6	24.6	36.8





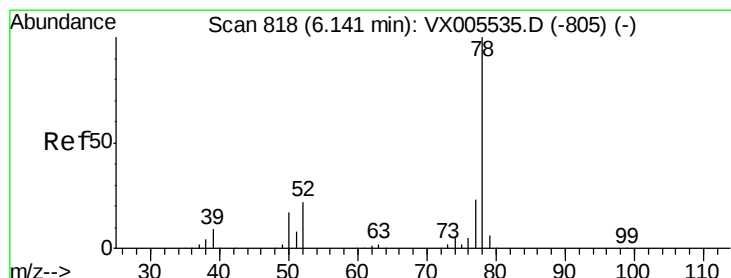
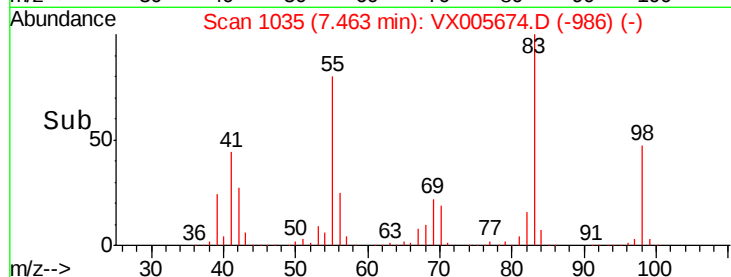
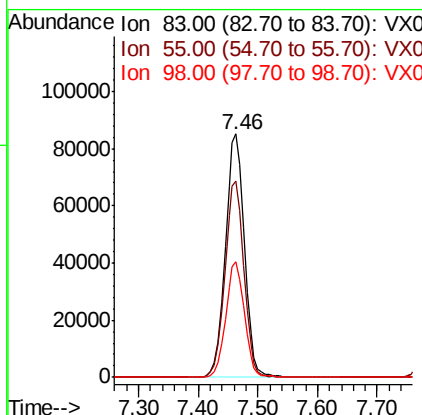
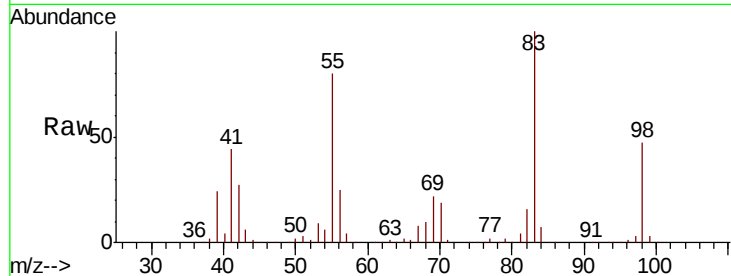
#39
Methvlcvclohexane
Concen: 46.464 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	63.7	95.5
98	47.3	36.2	54.2

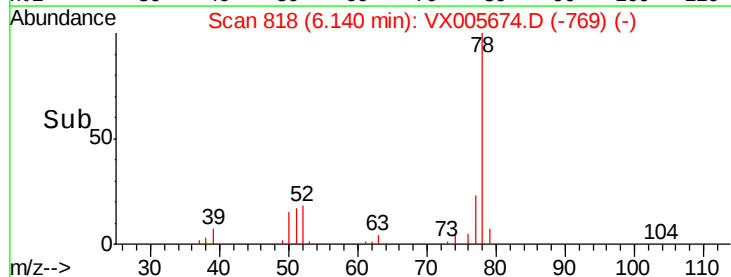
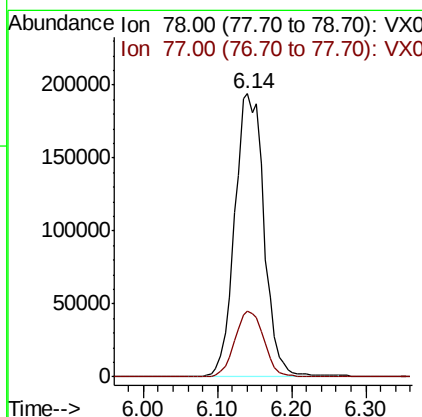
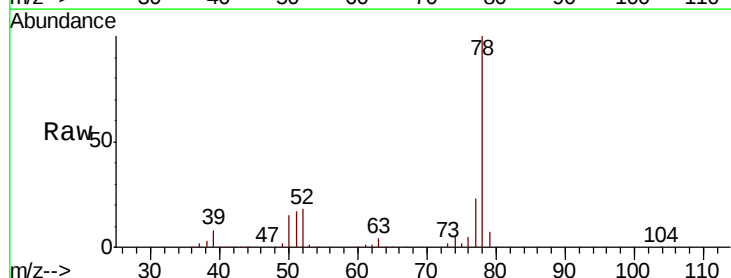
Manual Integrations
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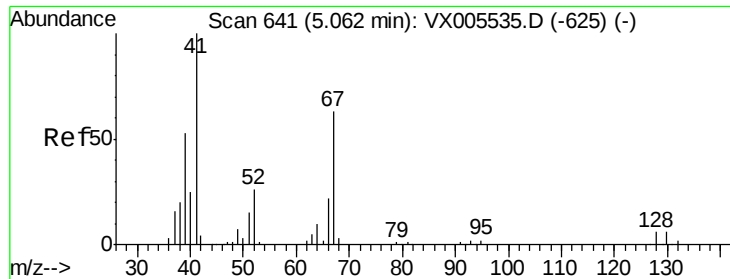
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#40
Benzene
Concen: 50.927 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.4	27.6





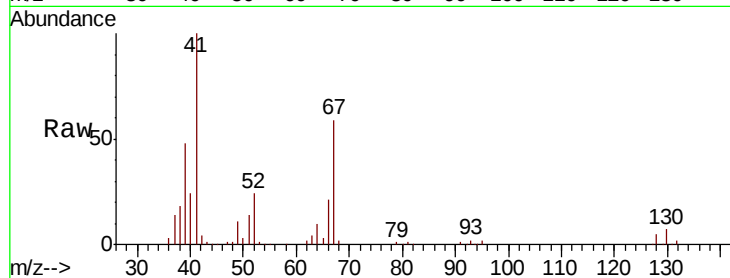
#41
Methacrylonitrile
Concen: 47.769 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

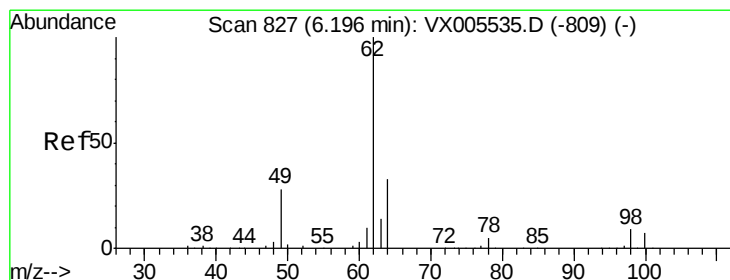
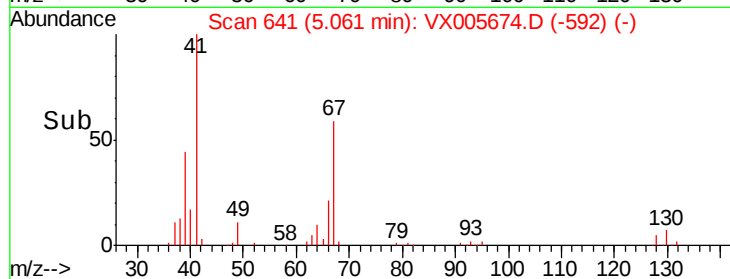
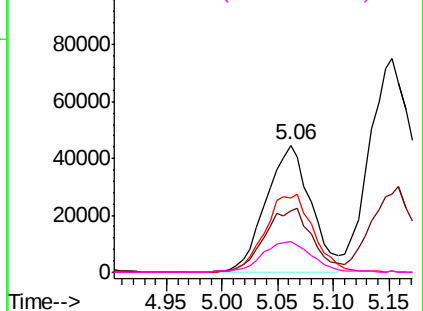
Tot Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.2	63.2
67	66.3	53.4	80.0
52	26.5	23.4	35.2

Manual Integrations
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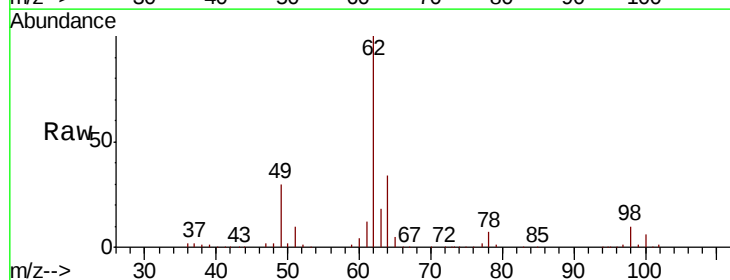


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

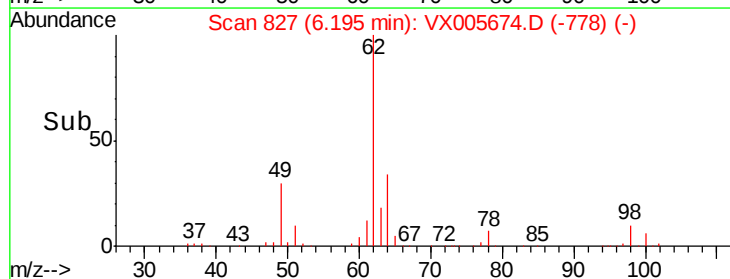
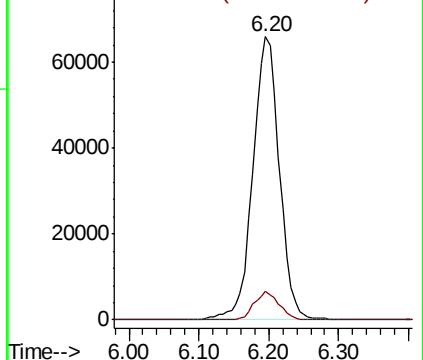


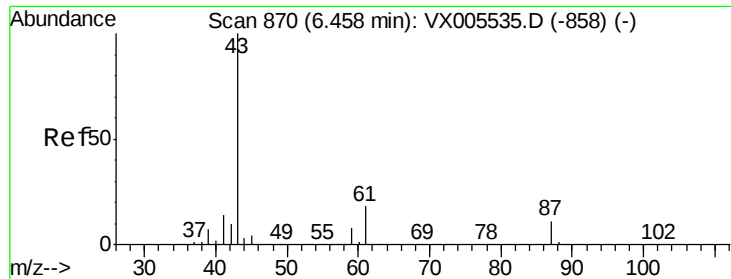
#42
1,2-Dichloroethane
Concen: 43.339 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8



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





#43

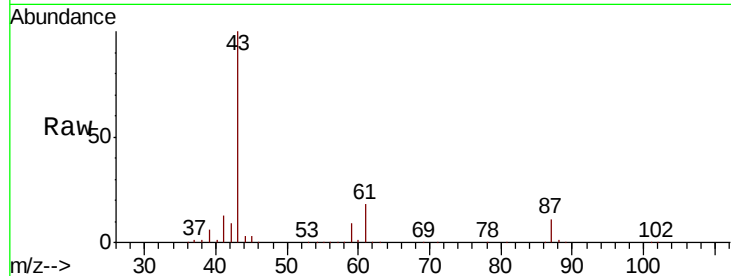
Isopropyl Acetate
 Concen: 50.039 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

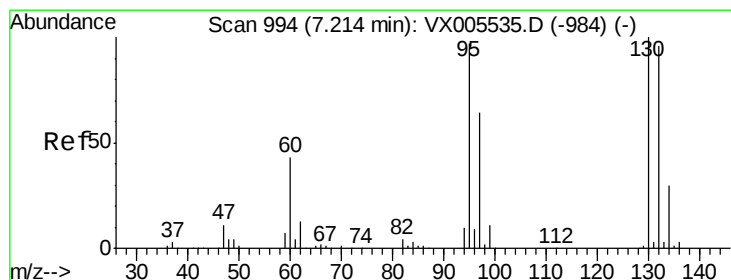
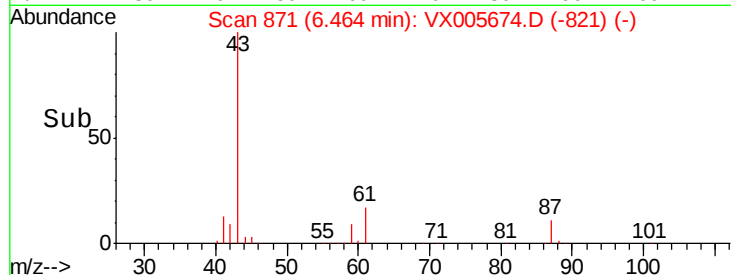
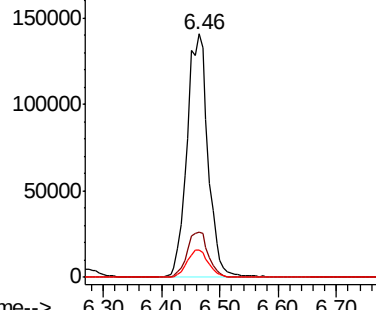
Tot Ion	43	61	87
Resp	351640	18.8	11.6
Lower		14.6	9.6
Upper		22.0	14.4

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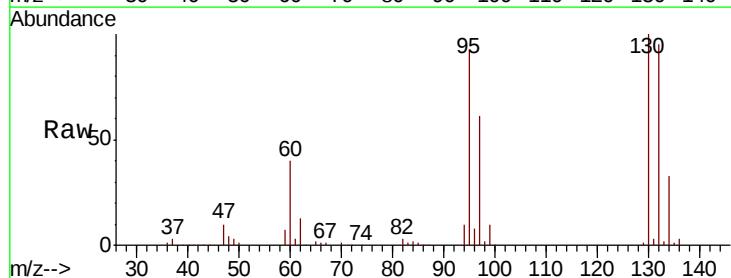
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



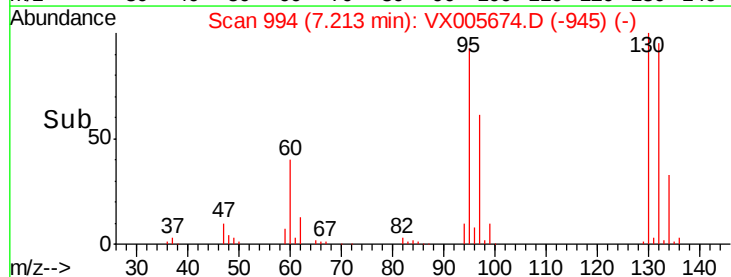
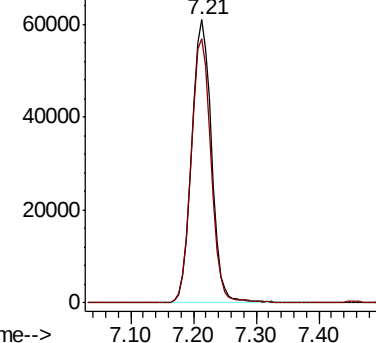
#44

Trichloroethene
 Concen: 46.499 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion	130	95
Resp	133448	93.4
Lower		0.0
Upper		194.2



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





#45

1,2-Dichloropropane

Concen: 45.852 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 129867

Ion Ratio Lower Upper

63 100

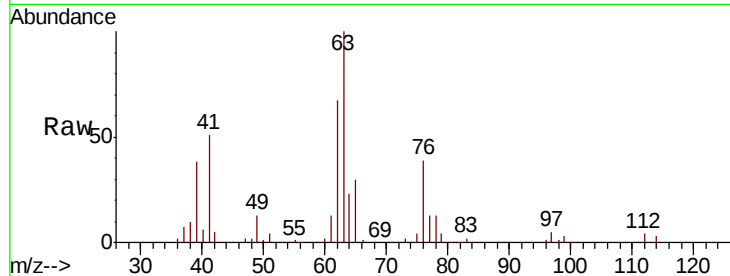
65 29.7 24.8 37.2

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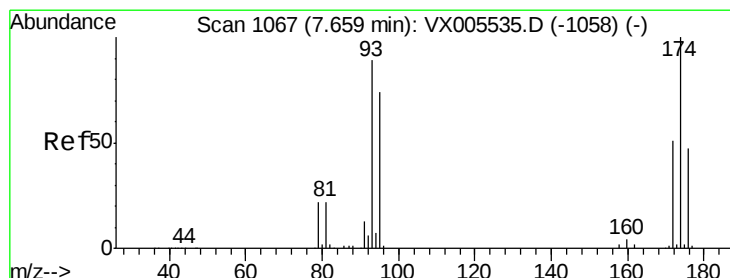
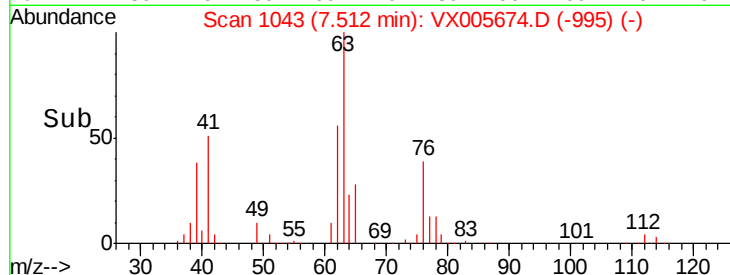
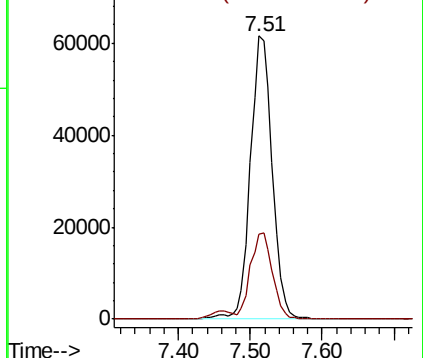
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.708 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

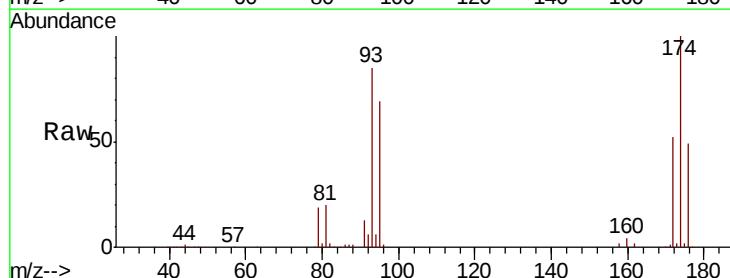
Tgt Ion: 93 Resp: 81782

Ion Ratio Lower Upper

93 100

95 83.0 67.4 101.0

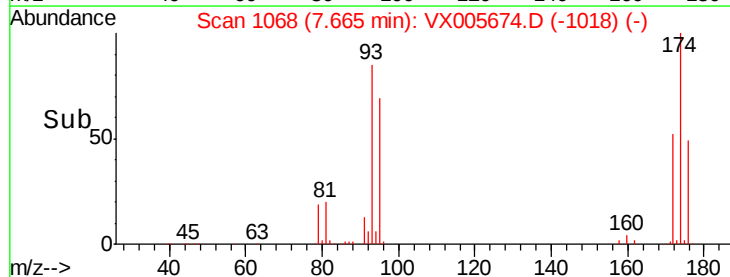
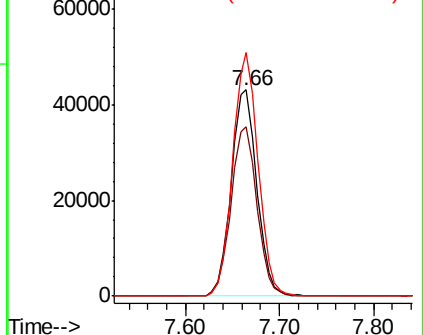
174 117.0 91.5 137.3

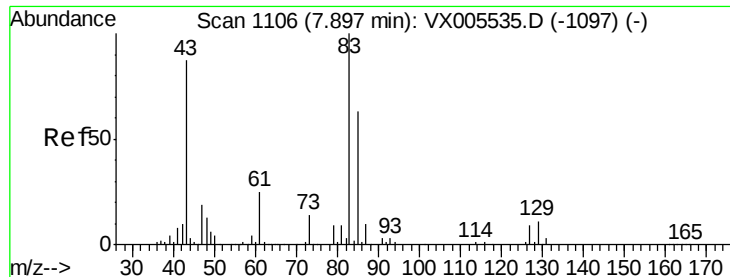


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





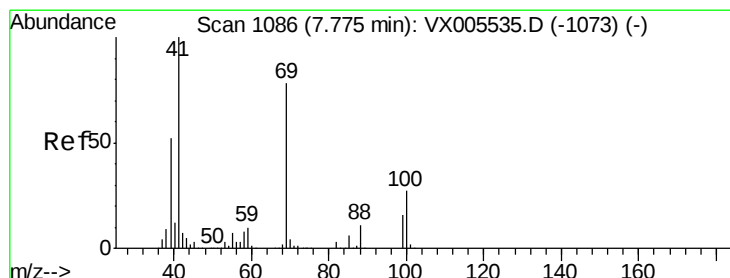
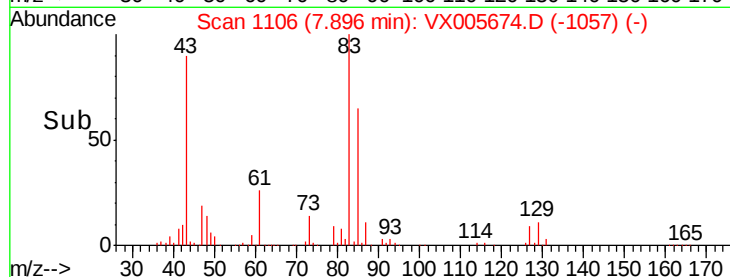
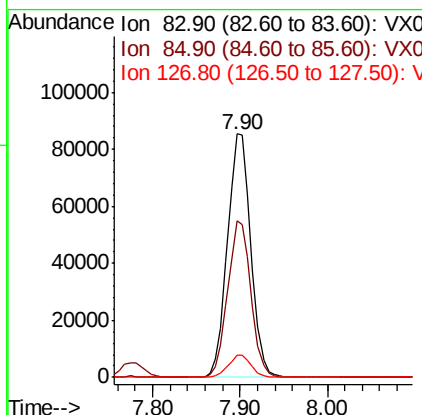
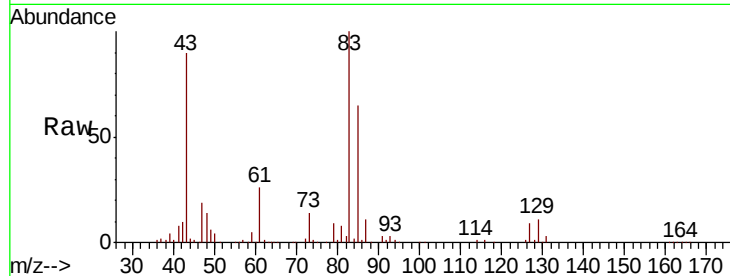
#47
Bromodichloromethane
Concen: 44.735 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.5	50.2	75.4	
127	9.1	6.9	10.3	

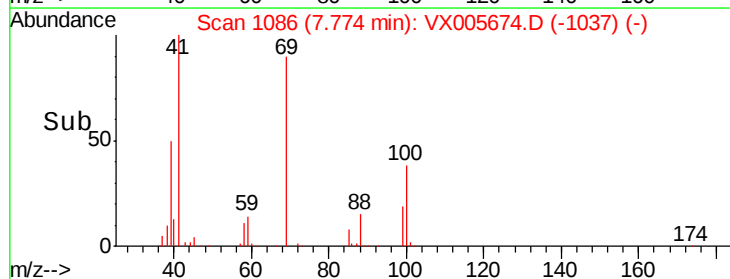
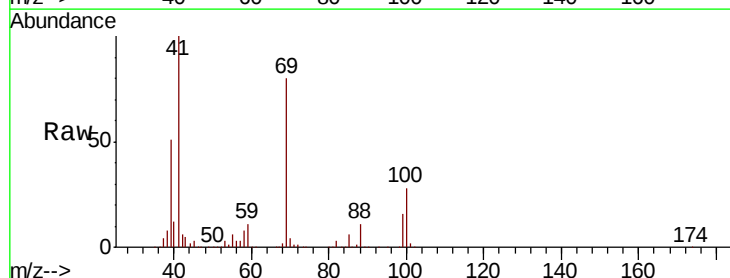
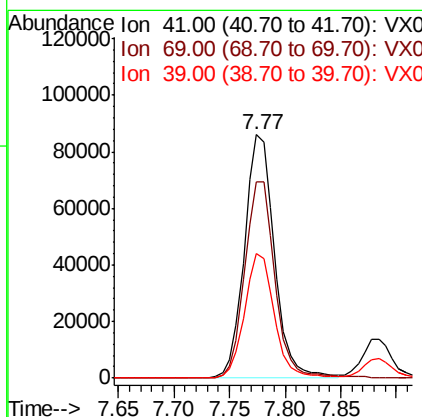
Manual Integrations
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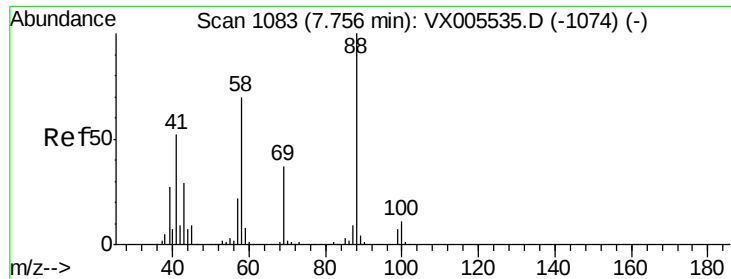
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#48
Methyl methacrylate
Concen: 47.191 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	82.1	63.2	94.8	
39	50.5	42.2	63.2	





#49

1,4-Dioxane

Concen: 971.804 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

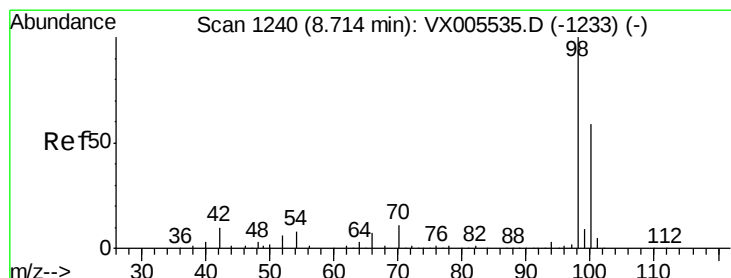
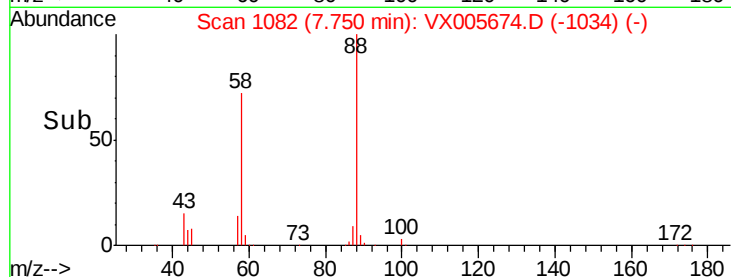
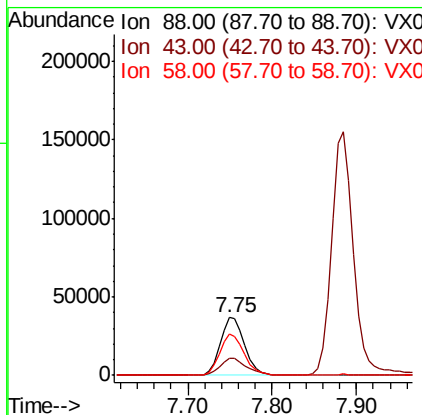
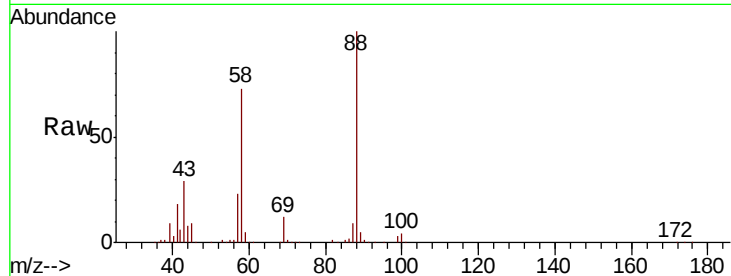
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	72705
Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.4	41.0
58	72.9	59.4	89.2

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#50

Toluene-d8

Concen: 47.059 ug/l

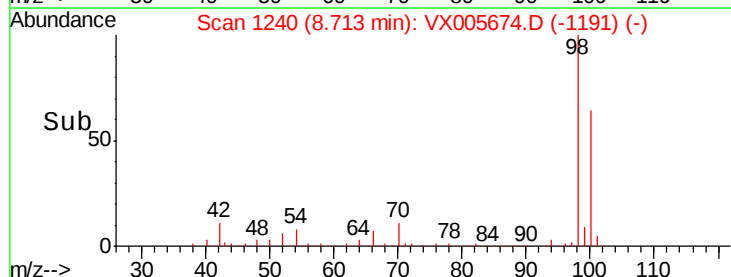
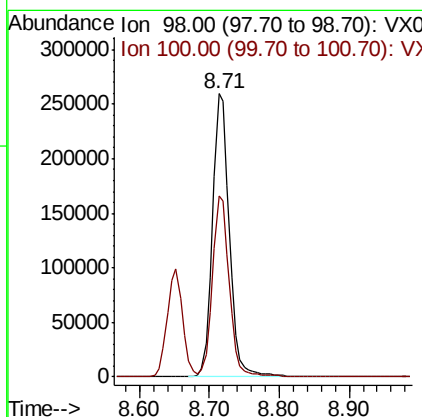
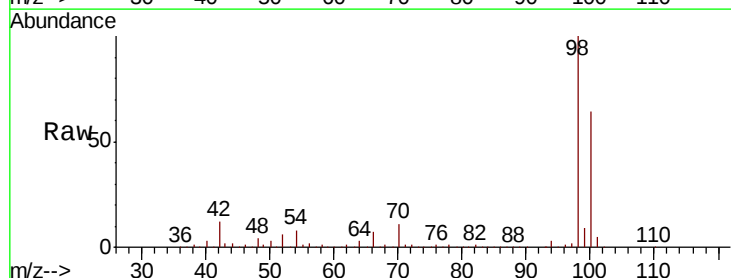
RT: 8.71 min Scan# 1240

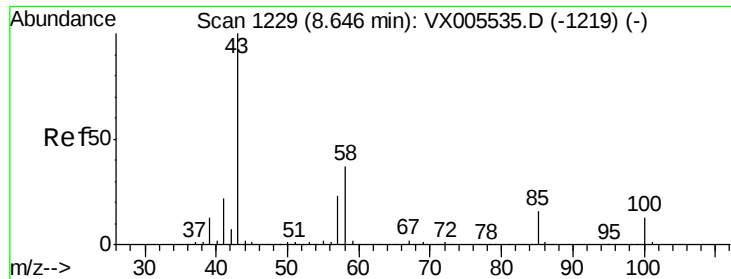
Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tgt Ion:	98	Resp:	433576
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 231.228 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tot Ion: 43 Resp: 1092055

Ion Ratio Lower Upper

43 100

58 38.2 29.7 44.5

Instrument :

MSVOA_X

ClientSampleId :

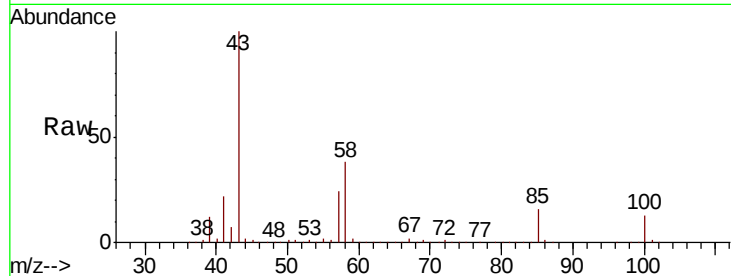
VSTDCCC050EC

Manual Integrations

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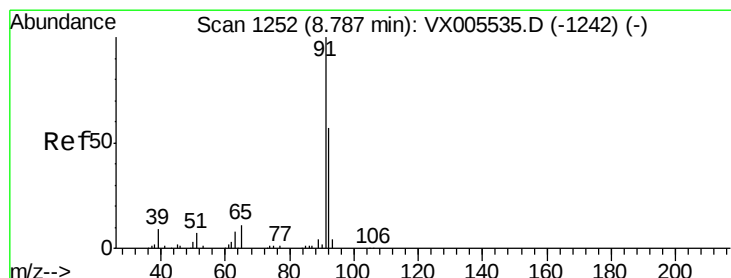
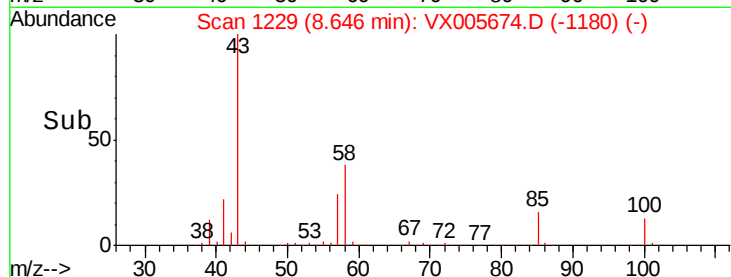
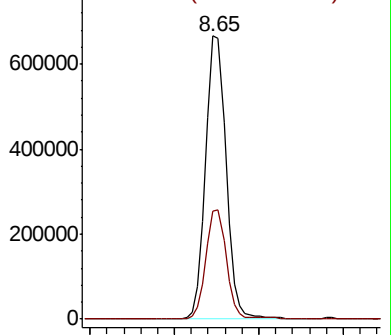
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.523 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005674.D

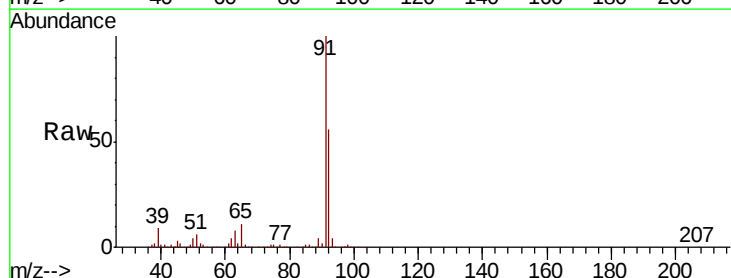
Acq: 29 Oct 2018 21:24

Tgt Ion: 92 Resp: 297861

Ion Ratio Lower Upper

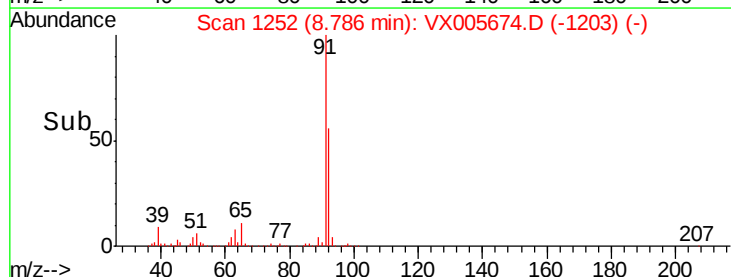
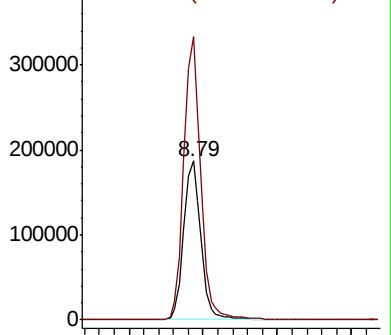
92 100

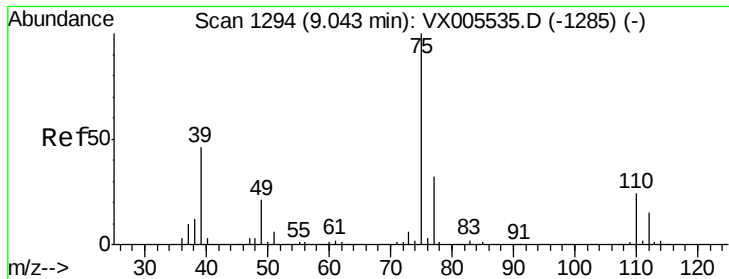
91 175.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





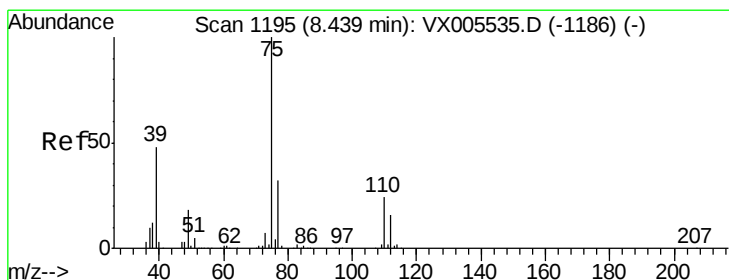
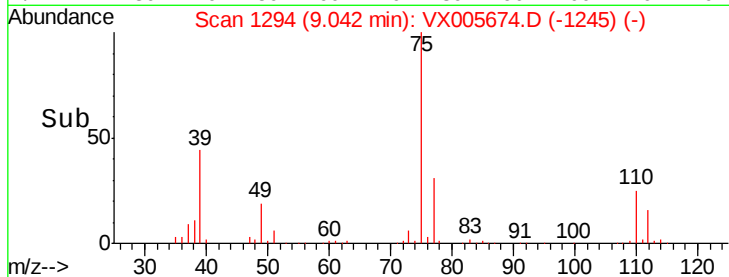
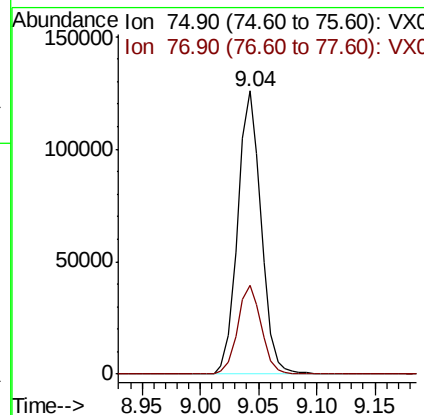
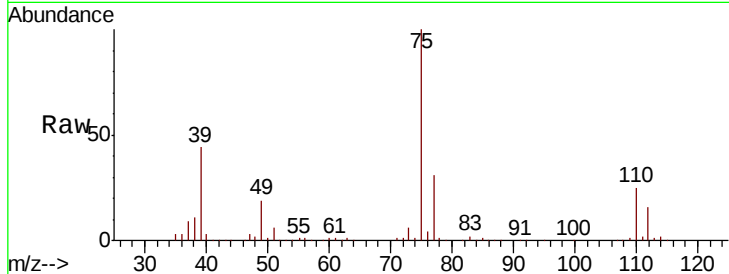
#53
t-1,3-Dichloropropene
Concen: 46.164 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2

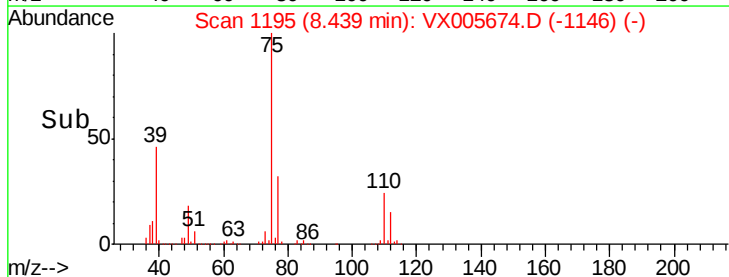
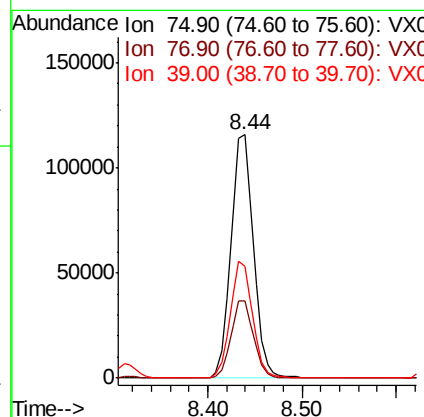
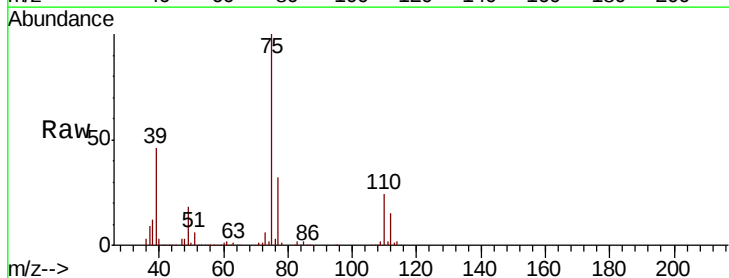
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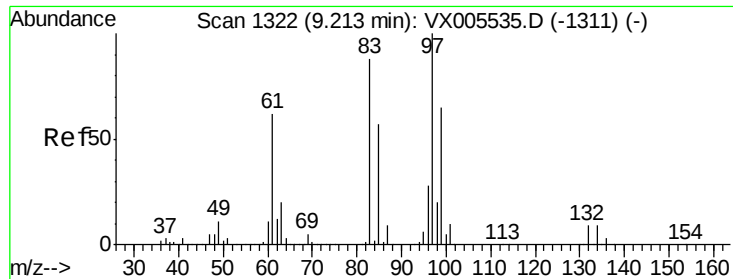
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#54
cis-1,3-Dichloropropene
Concen: 46.469 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8
39	45.8	38.2	57.2





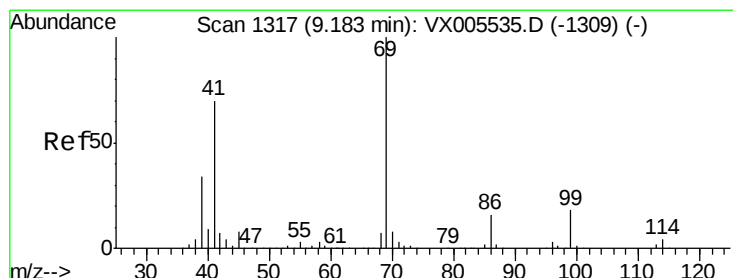
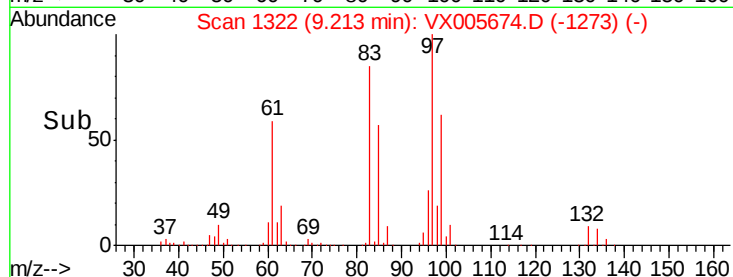
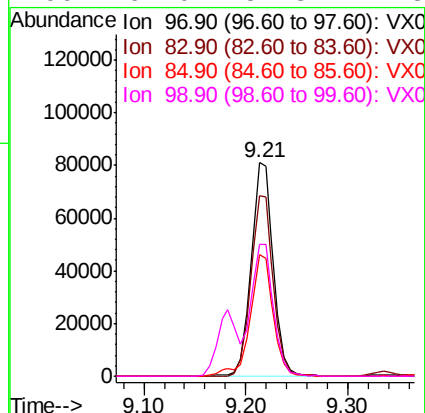
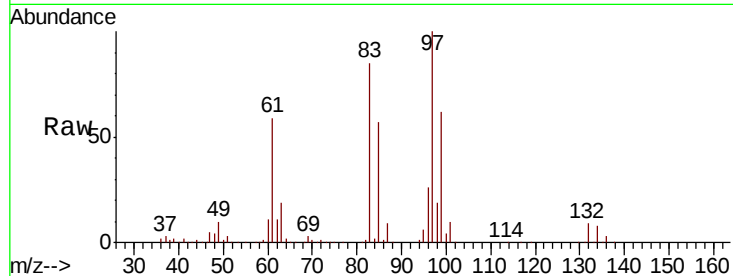
#55
 1,1,2-Trichloroethane
 Concen: 45.417 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	122594
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.7	106.1
85	56.9	45.8	68.6
99	62.0	51.8	77.8

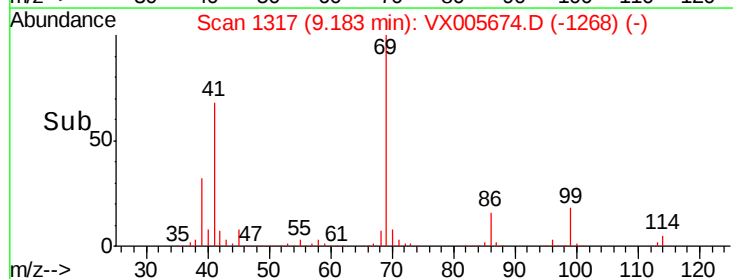
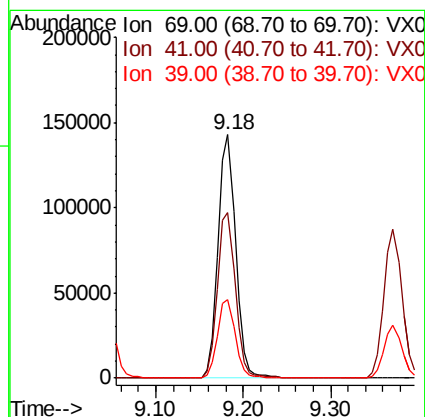
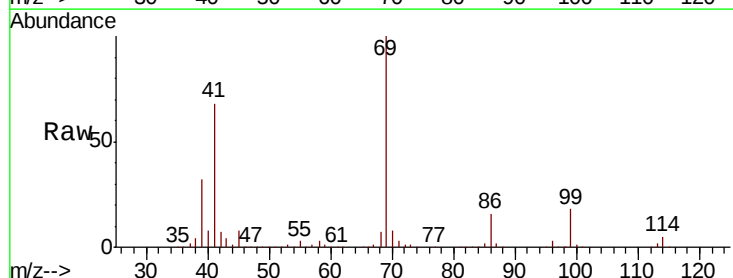
Manual Integrations
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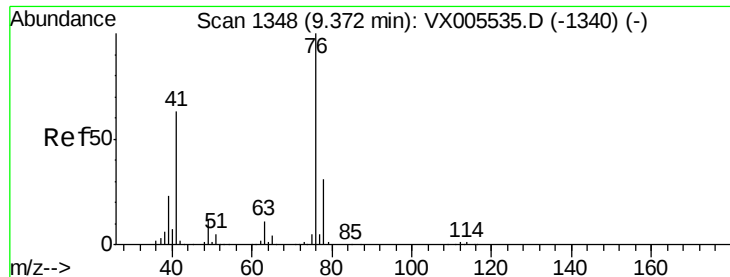
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#56
 Ethyl methacrylate
 Concen: 49.585 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion:	69	Resp:	199643
Ion	Ratio	Lower	Upper
69	100		
41	69.4	57.0	85.6
39	32.6	28.3	42.5





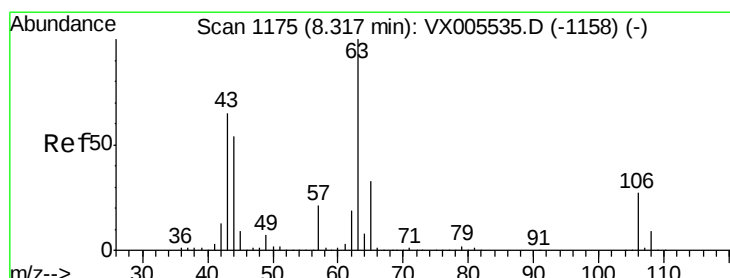
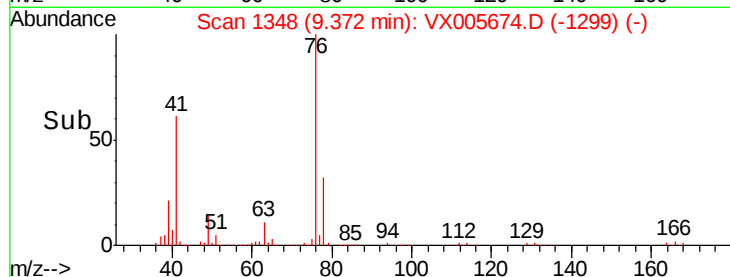
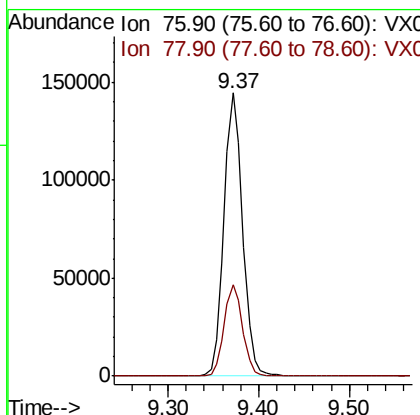
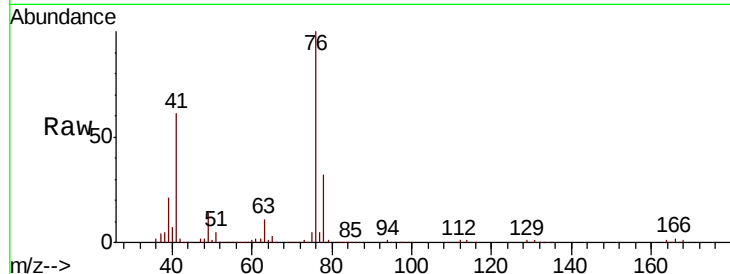
#57
 1,3-Dichloropropane
 Concen: 45.369 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.3	37.9

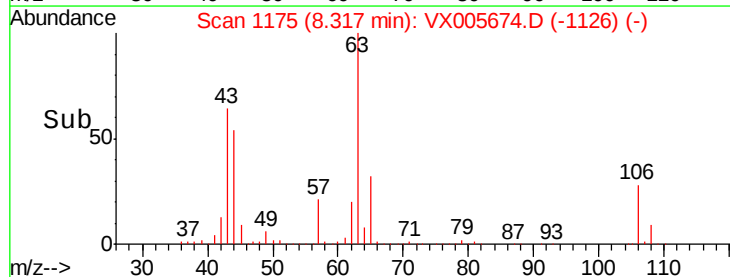
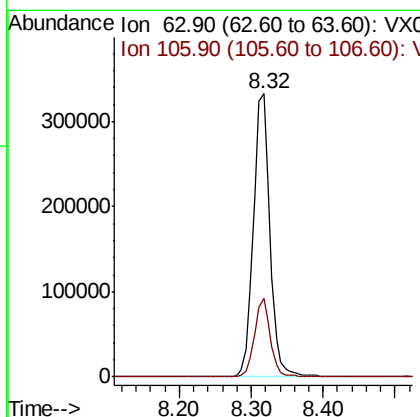
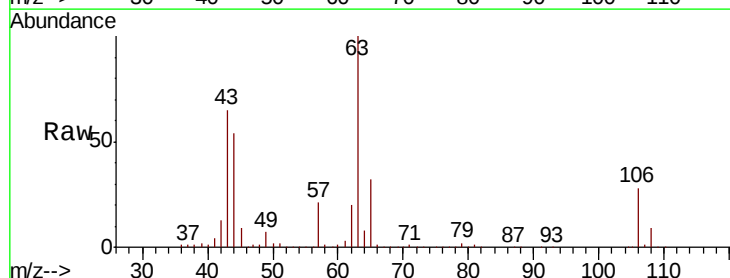
Manual Integrations
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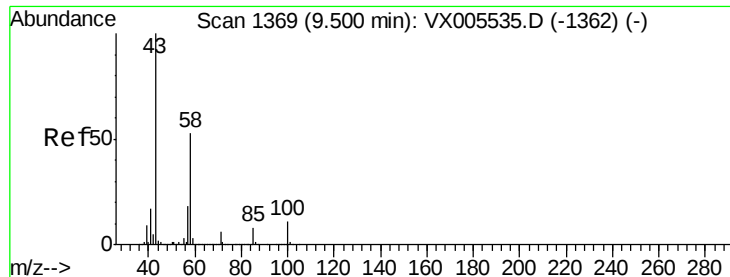
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 237.858 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.3	31.9





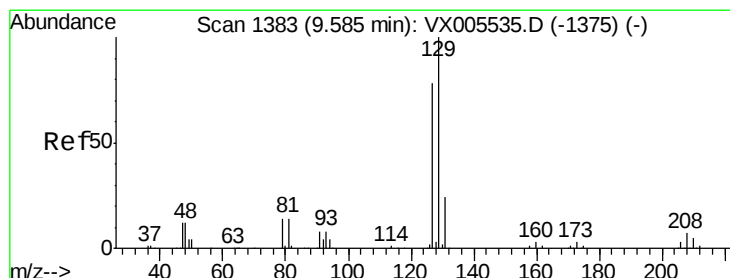
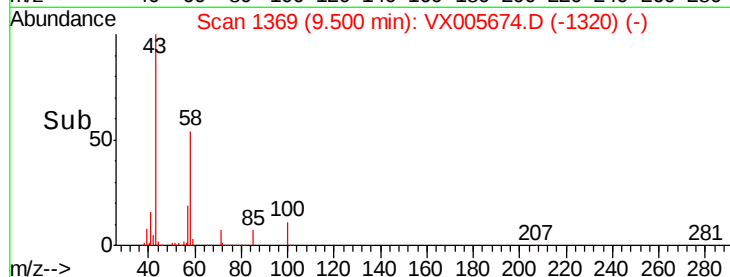
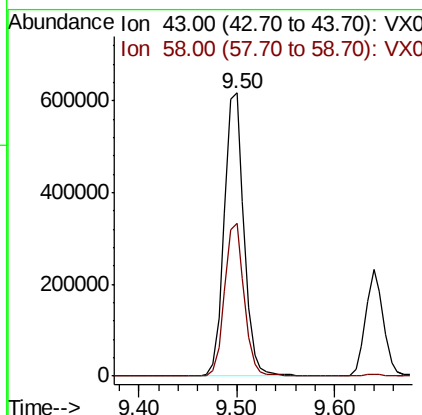
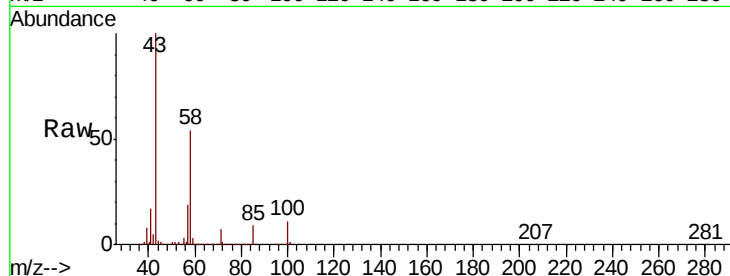
#59
2-Hexanone
Concen: 232.441 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 865547
Ion Ratio Lower Upper
43 100
58 53.6 25.9 77.8

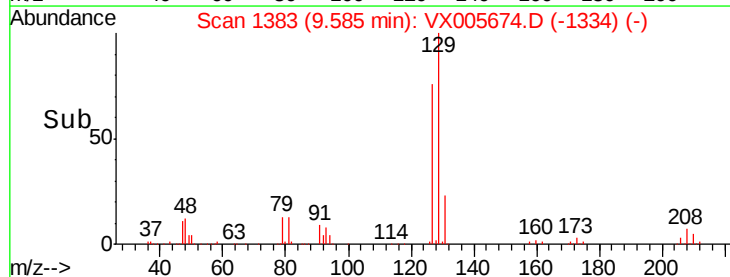
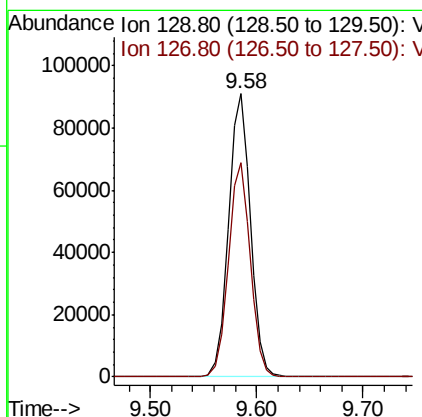
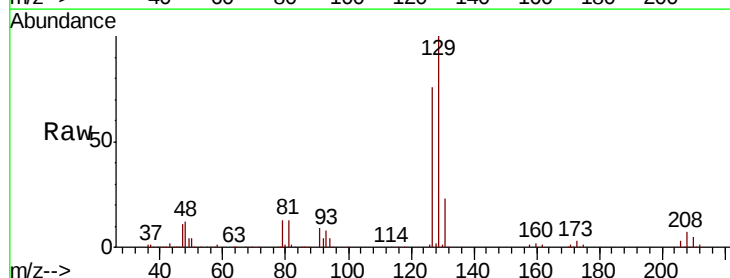
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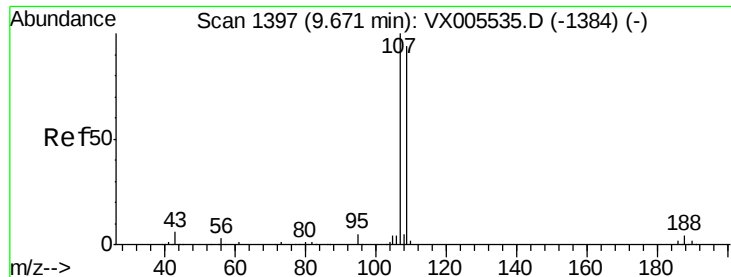
MMDadoda
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#60
Dibromochloromethane
Concen: 46.667 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 129 Resp: 131430
Ion Ratio Lower Upper
129 100
127 75.5 38.9 116.7





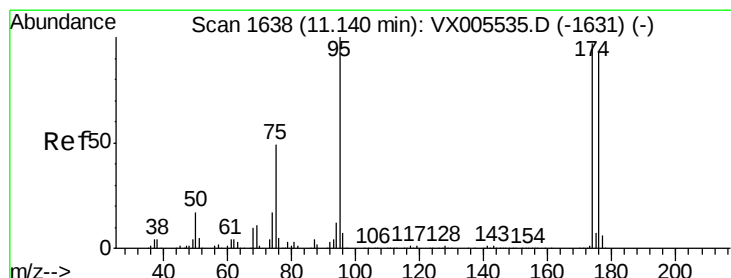
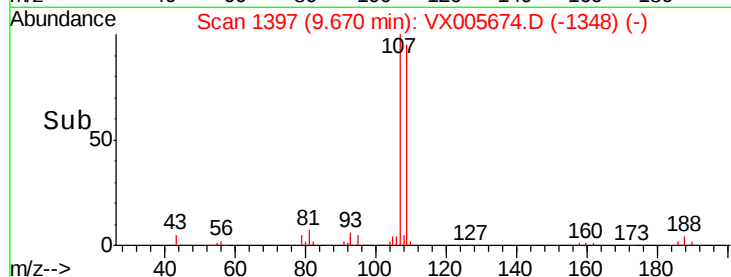
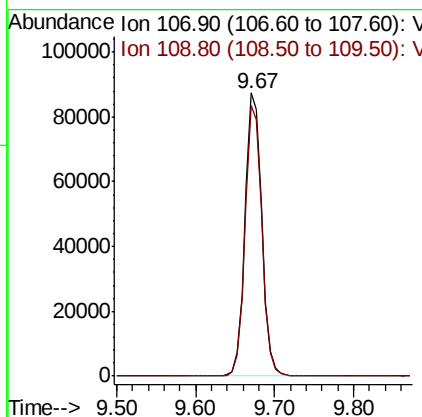
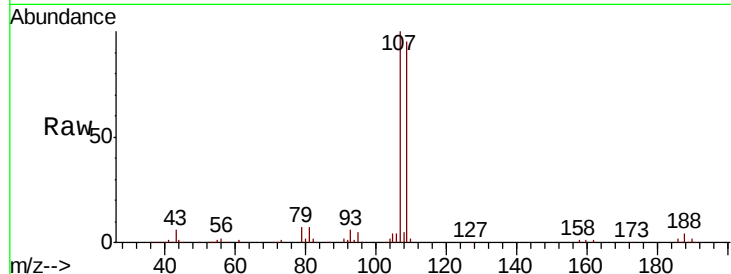
#61
 1,2-Dibromoethane
 Concen: 46.017 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.7	113.5

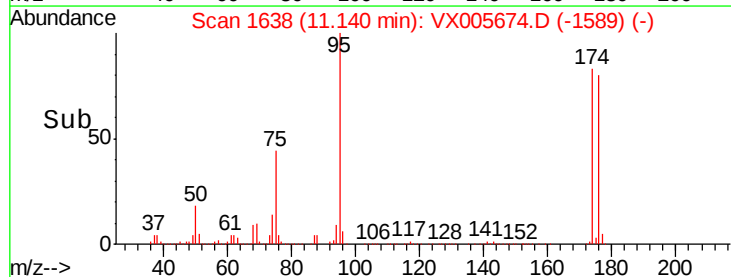
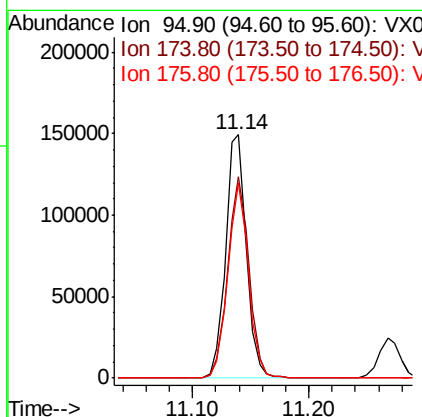
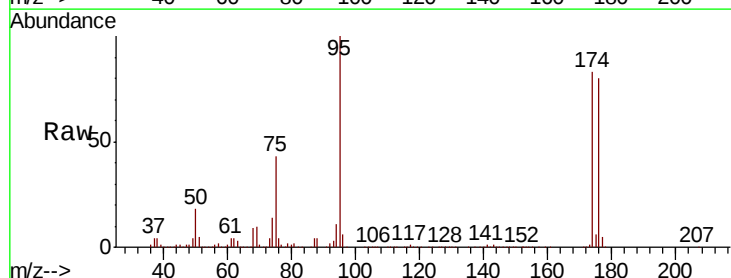
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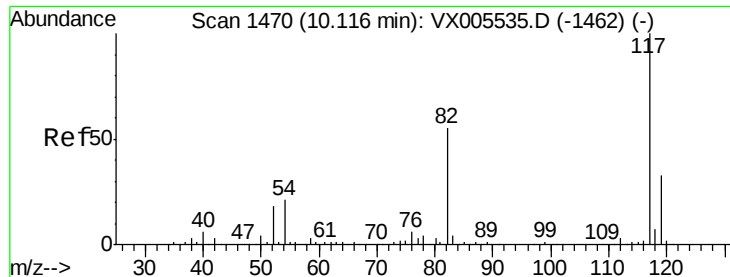
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 52.718 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	184.4
176	80.4	0.0	177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

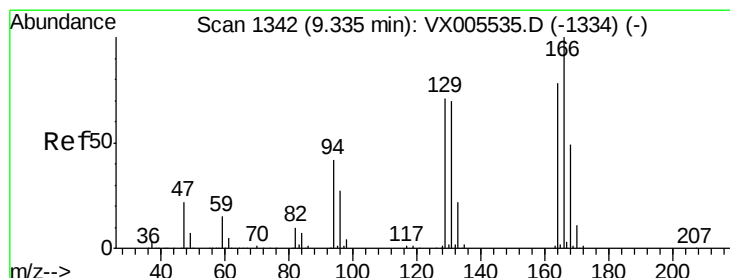
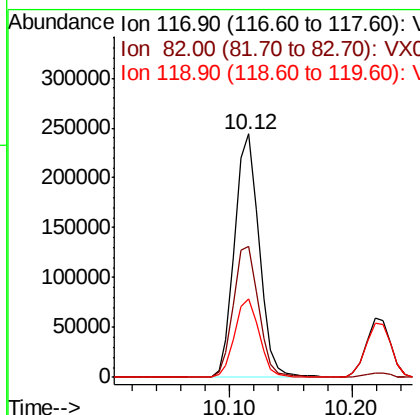
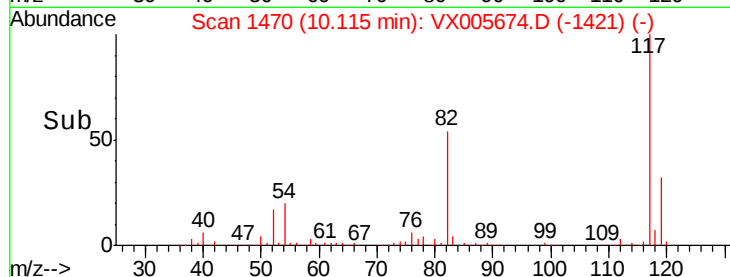
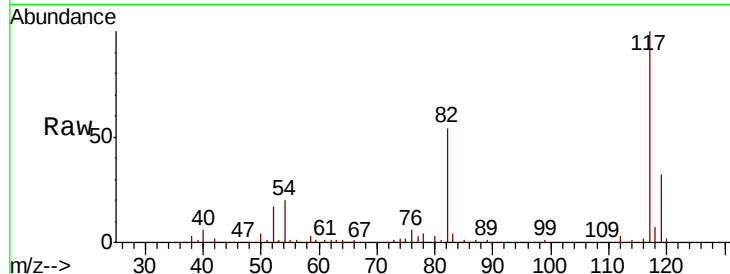
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	339929
Ion Ratio	Lower	Upper	
117	100		
82	53.8	44.1	66.1
119	32.3	26.2	39.2

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#64

Tetrachloroethene

Concen: 46.664 ug/l

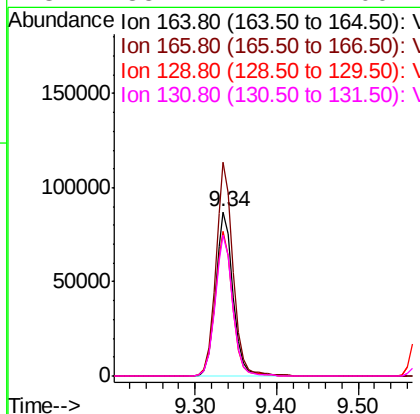
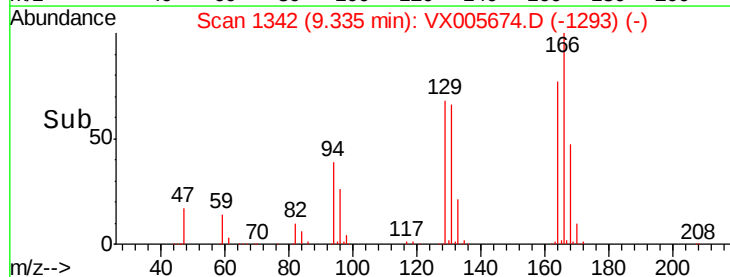
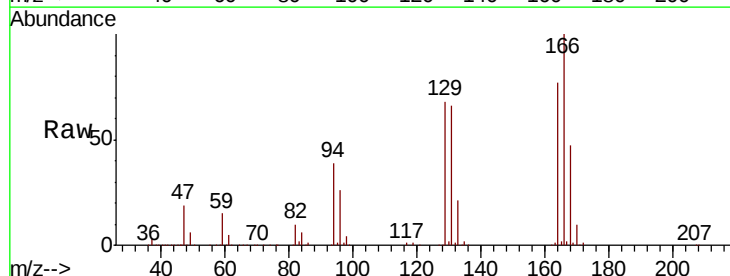
RT: 9.34 min Scan# 1342

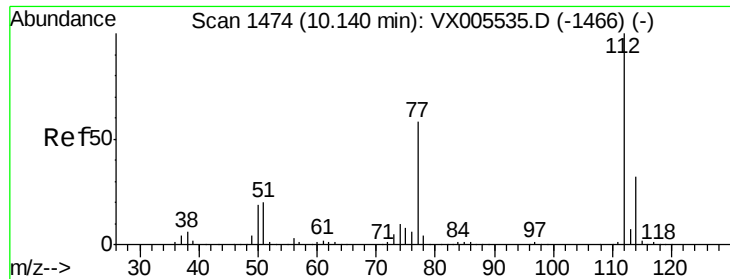
Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tgt Ion:	164	Resp:	131680
Ion Ratio	Lower	Upper	
164	100		
166	130.0	101.9	152.9
129	88.3	72.6	109.0
131	85.7	71.1	106.7





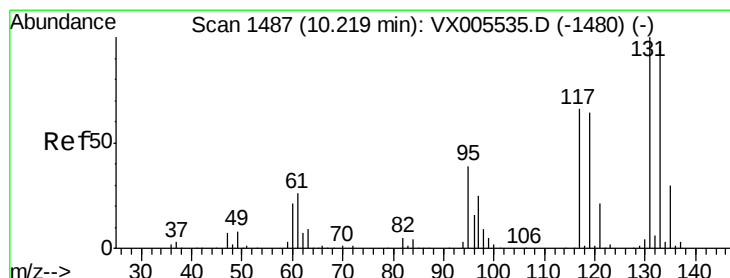
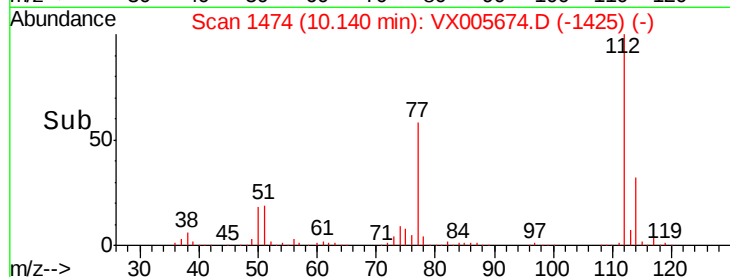
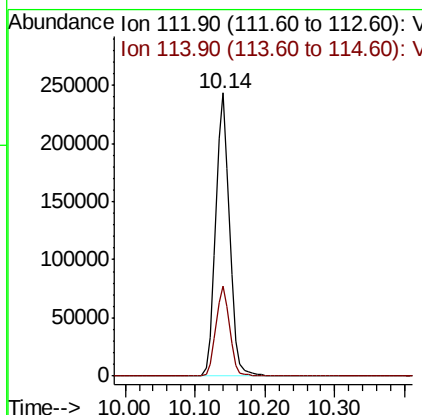
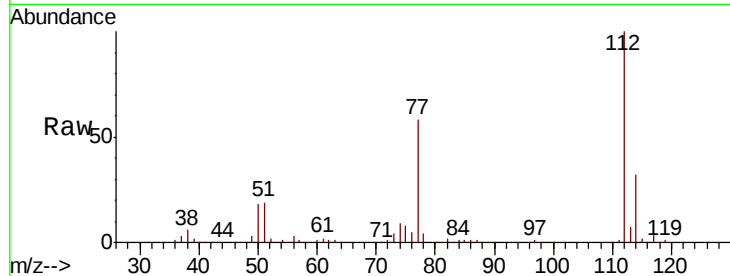
#65
Chlorobenzene
Concen: 46.339 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 335428
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

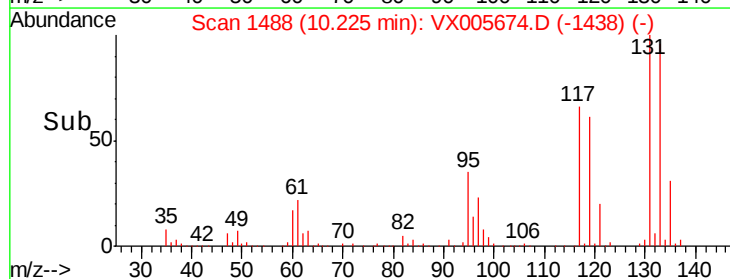
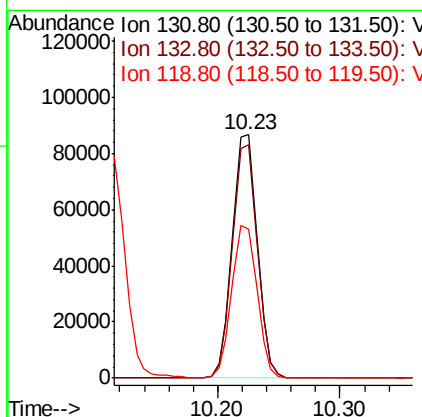
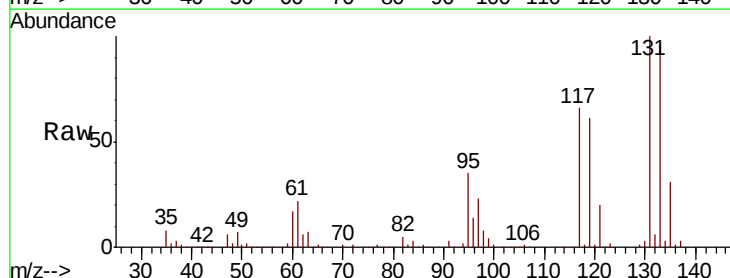
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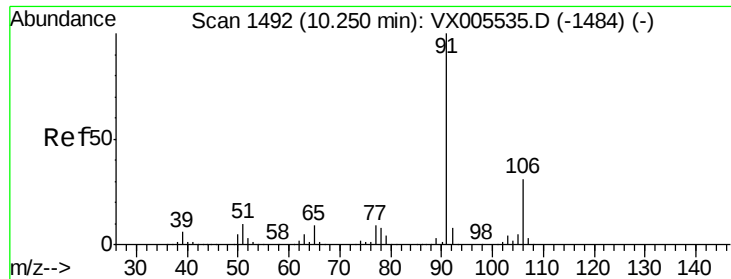
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.379 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion:131 Resp: 122413
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.5
119 63.8 31.8 95.3





#67

Ethyl Benzene

Concen: 48.712 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 580133

Ion Ratio Lower Upper

91 100

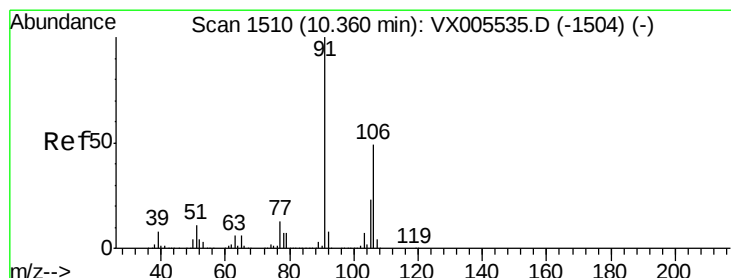
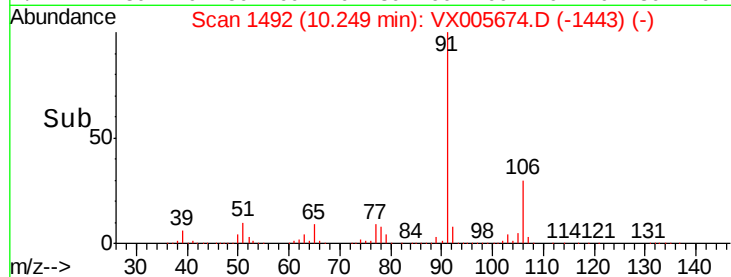
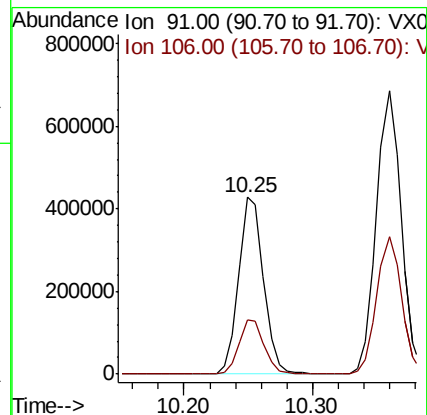
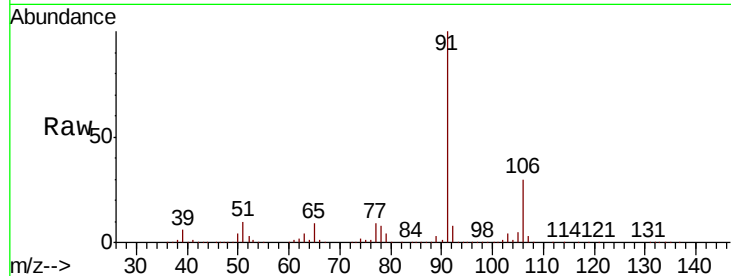
106 30.4 24.4 36.6

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#68

m/p-Xylenes

Concen: 96.718 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005674.D

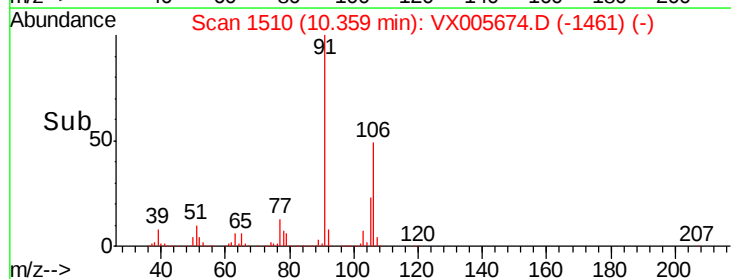
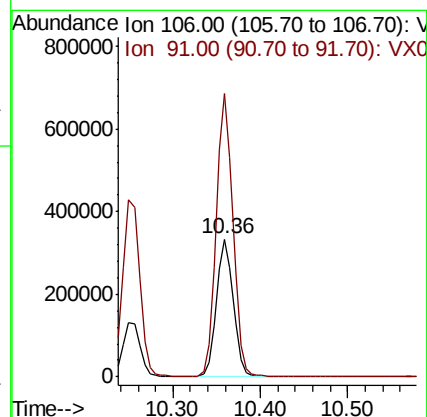
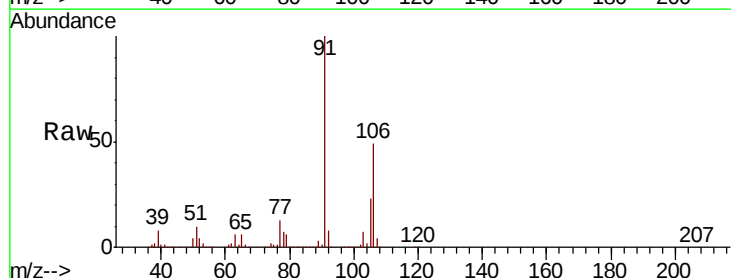
Acq: 29 Oct 2018 21:24

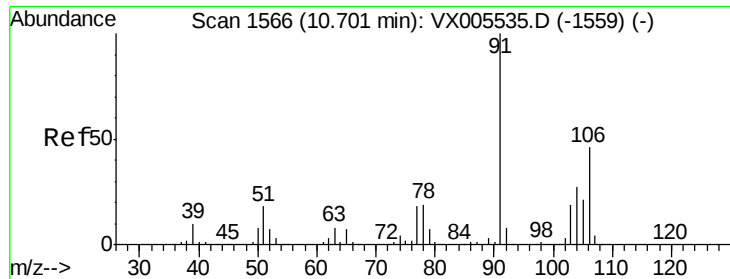
Tgt Ion: 106 Resp: 446892

Ion Ratio Lower Upper

106 100

91 204.6 164.2 246.4





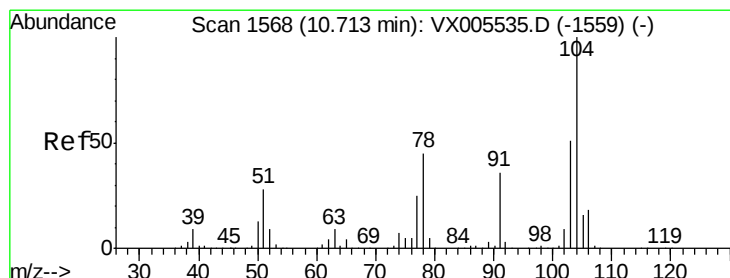
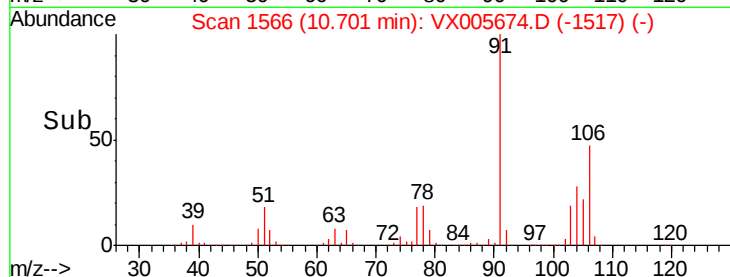
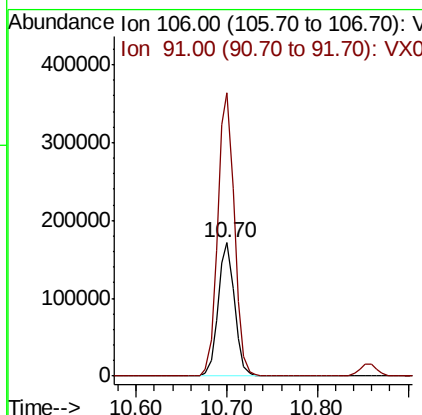
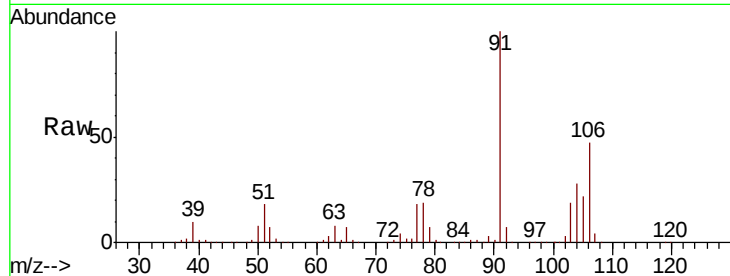
#69
o-Xylene
Concen: 49.816 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 21654
Ion Ratio Lower Upper
106 100
91 215.8 108.5 325.5

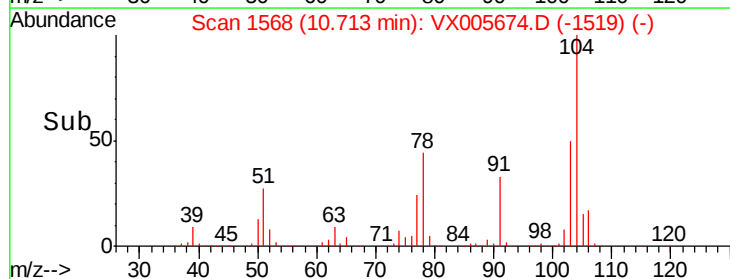
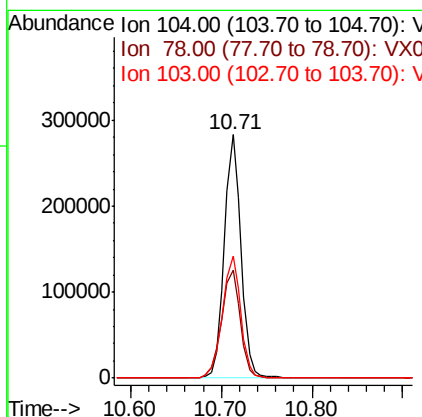
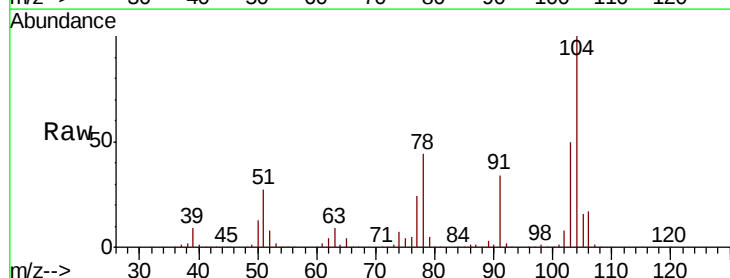
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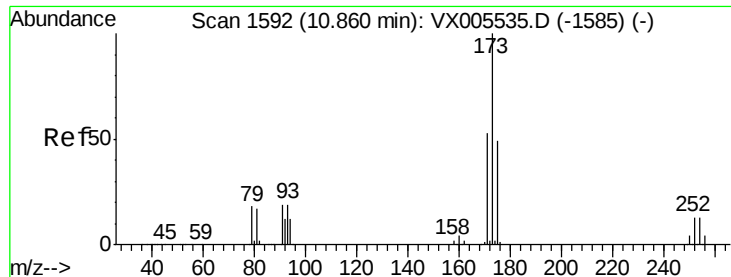
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#70
Styrene
Concen: 50.002 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion:104 Resp: 363870
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.4
103 55.3 44.9 67.3





#71

Bromoform

Concen: 46.244 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

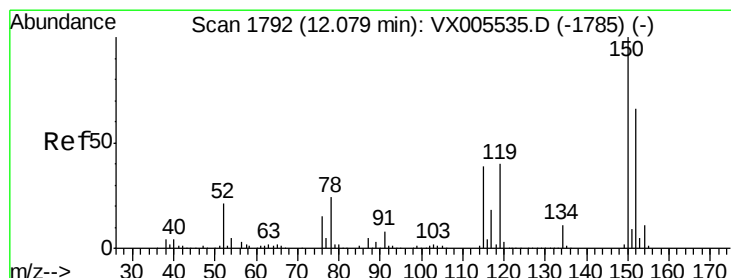
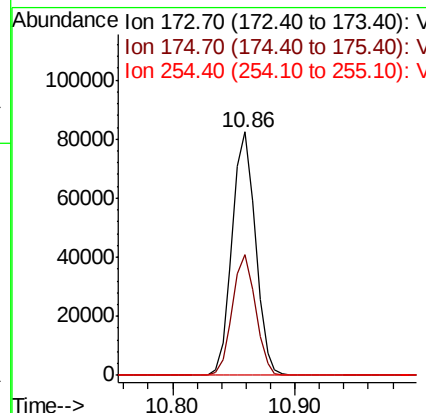
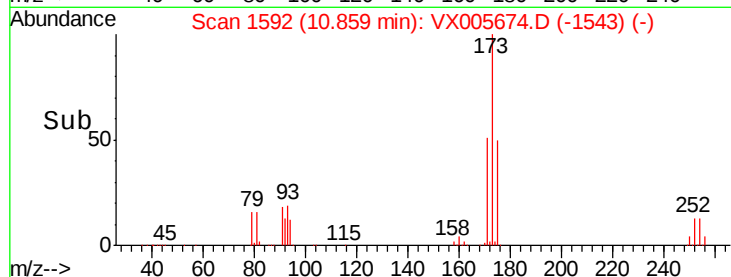
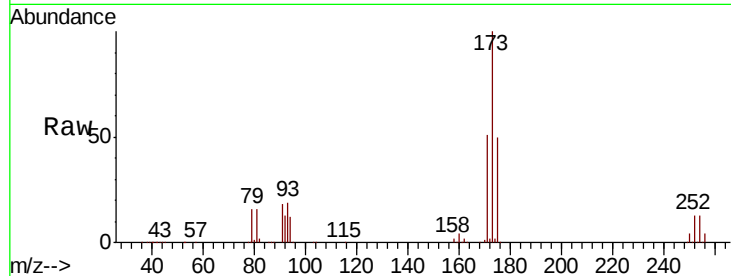
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	108917
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.8	74.3
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

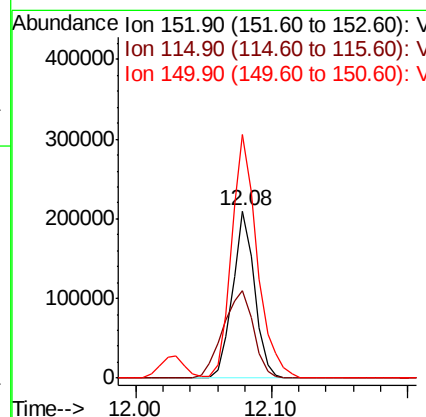
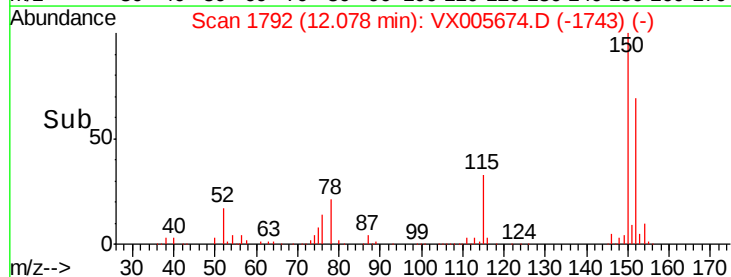
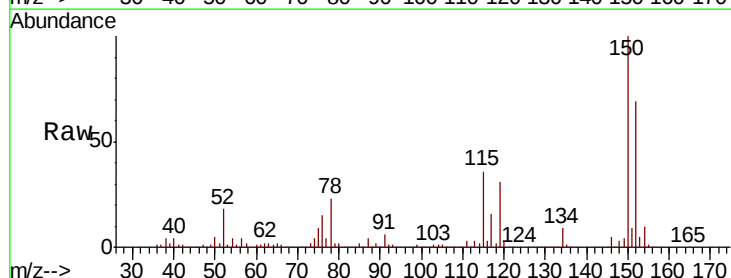
RT: 12.08 min Scan# 1792

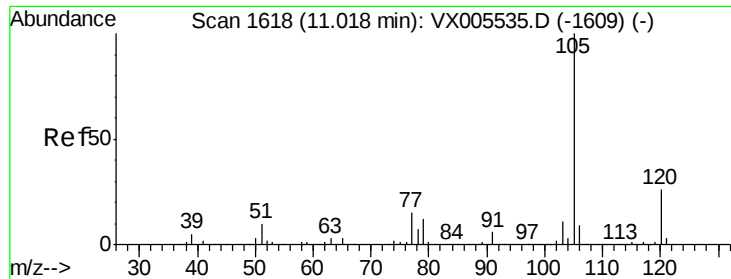
Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tgt Ion:	152	Resp:	234153
Ion Ratio	Lower	Upper	
152	100		
115	72.4	39.4	118.1
150	169.8	0.0	346.4





#73

Isopropylbenzene

Concen: 41.321 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 591443

Ion Ratio Lower Upper

105 100

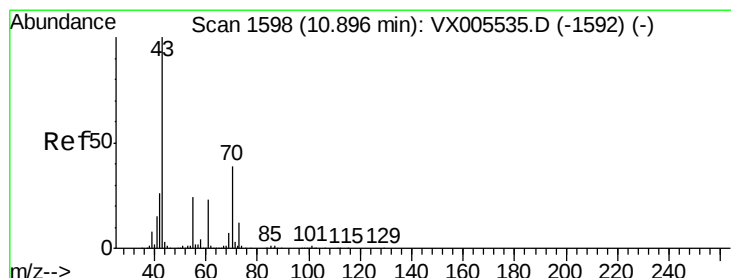
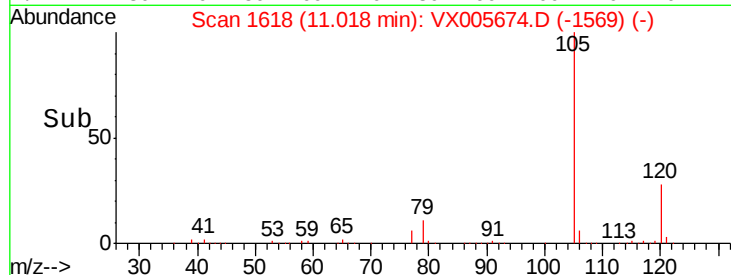
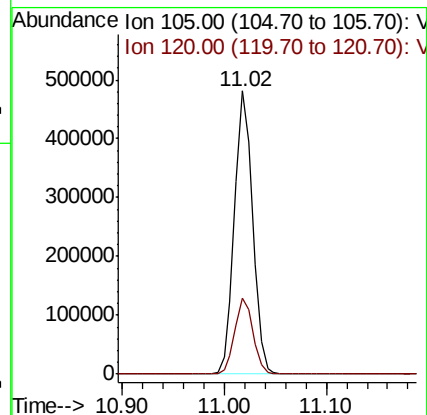
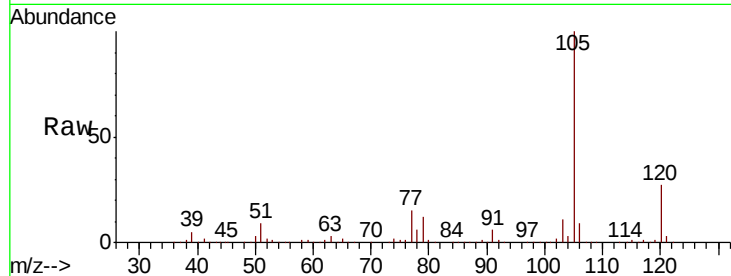
120 26.8 13.1 39.3

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#74

N-ethyl acetate

Concen: 40.766 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tgt Ion: 43 Resp: 289122

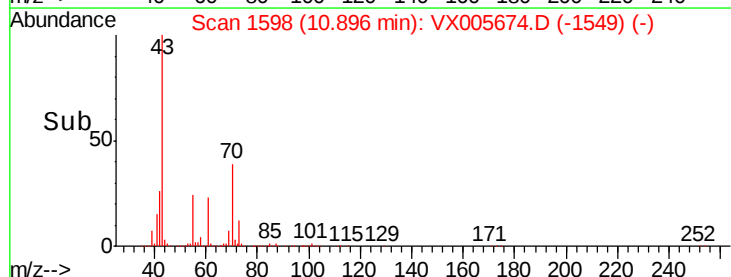
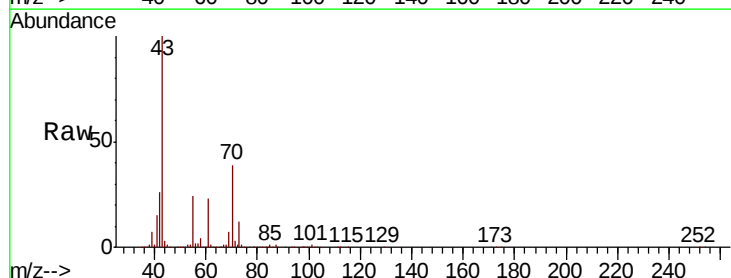
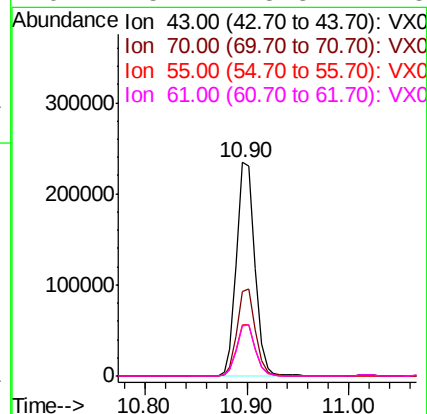
Ion Ratio Lower Upper

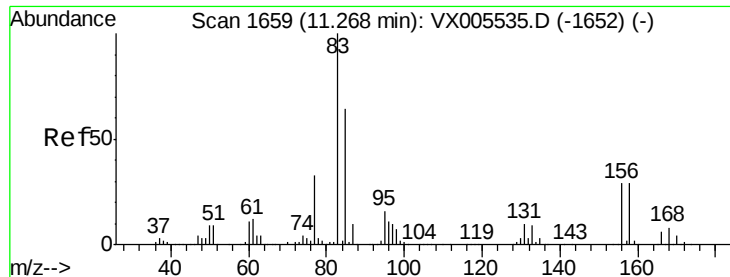
43 100

70 40.2 31.6 47.4

55 24.5 19.7 29.5

61 23.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 38.454 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 203062

Ion Ratio Lower Upper

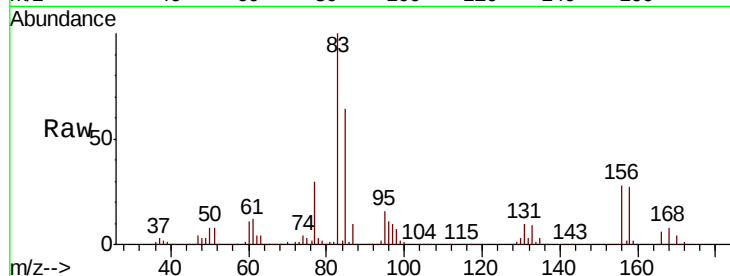
83 100

131 10.5 5.3 15.9

85 63.8 32.0 96.2

Manual Integrations
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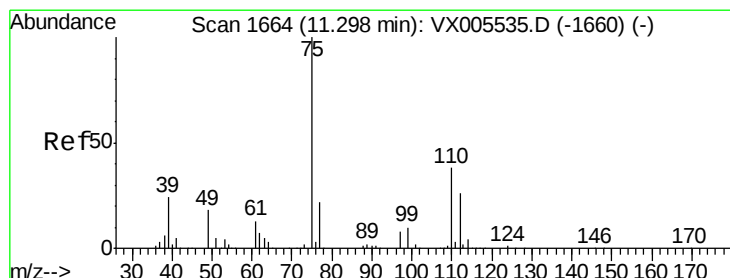
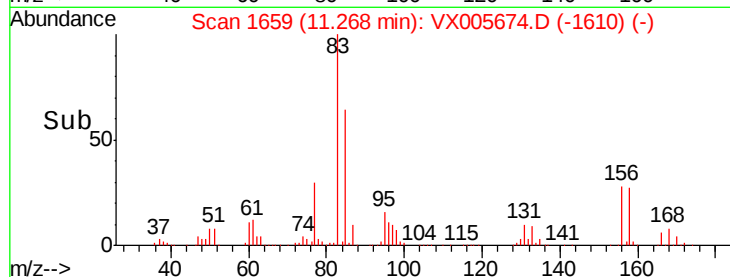
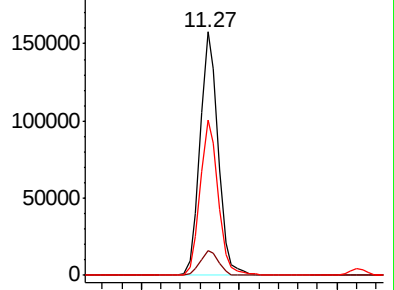
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 37.975 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005674.D

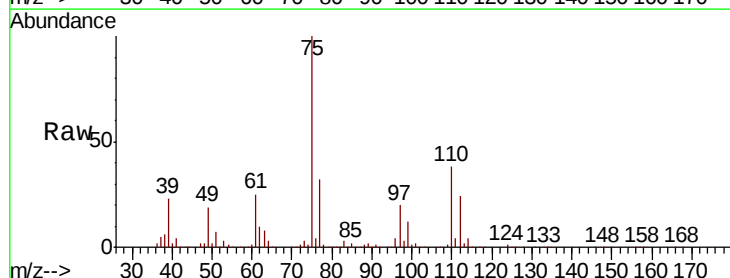
Acq: 29 Oct 2018 21:24

Tgt Ion: 75 Resp: 188398

Ion Ratio Lower Upper

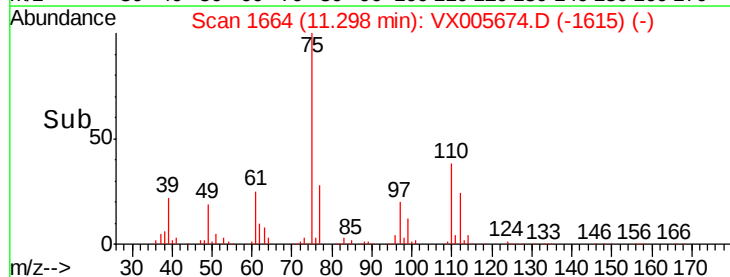
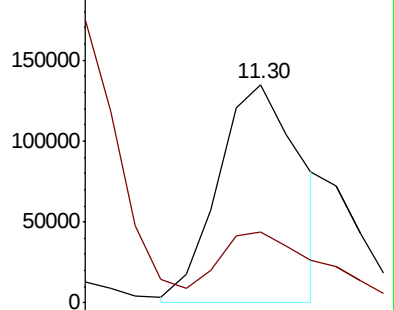
75 100

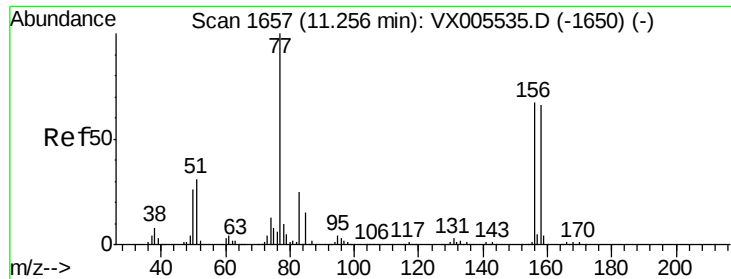
77 40.7 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 39.688 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 156 Resp: 158315

Ion Ratio Lower Upper

156 100

77 144.7 74.8 224.4

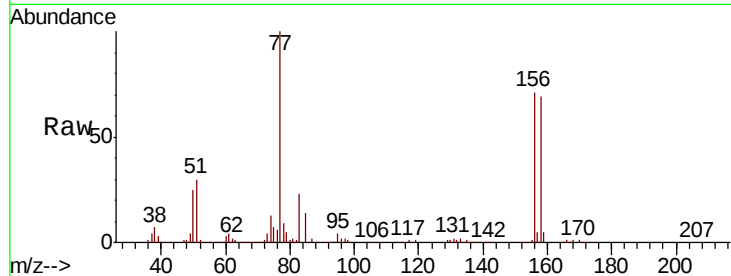
158 96.7 49.1 147.3

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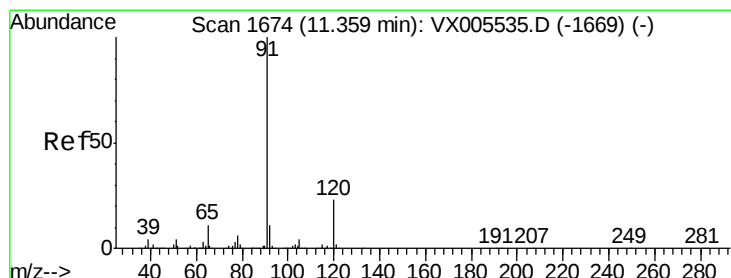
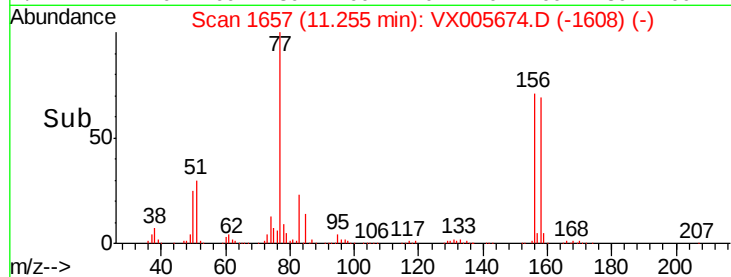
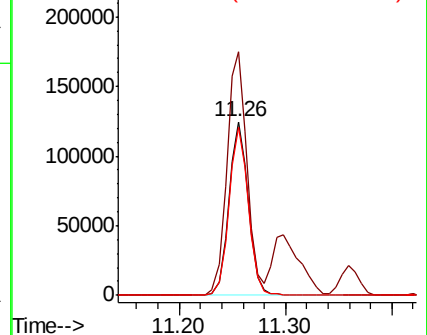
10/30/2018 10:51:07 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 41.101 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005674.D

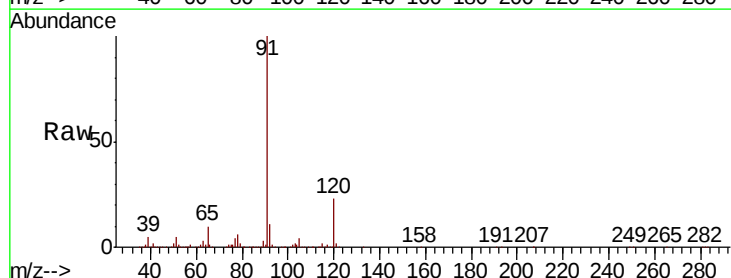
Acq: 29 Oct 2018 21:24

Tgt Ion: 91 Resp: 672698

Ion Ratio Lower Upper

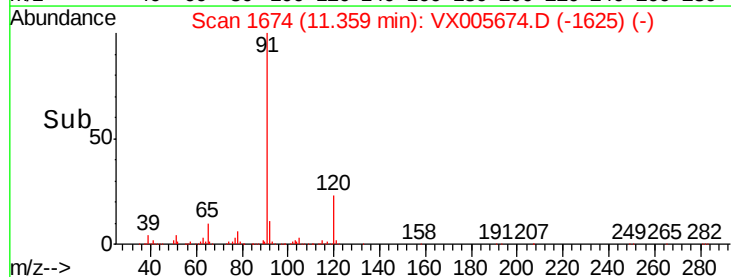
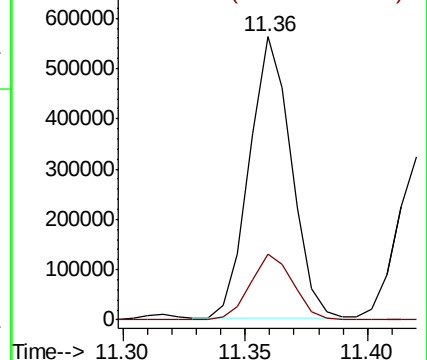
91 100

120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 39.824 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 404127

Ion Ratio Lower Upper

91 100

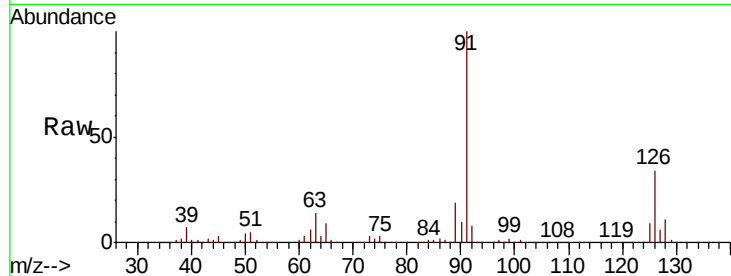
126 36.6 17.3 52.0

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Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005535.D (-1679) (-)

600000

500000

400000

300000

200000

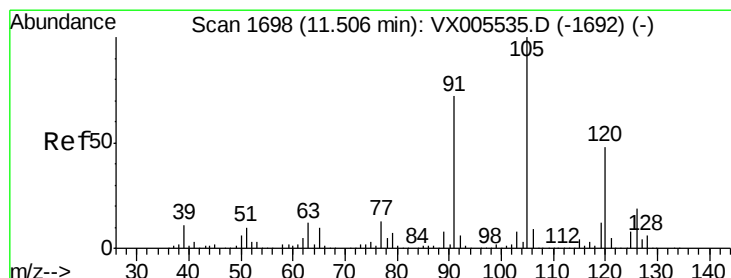
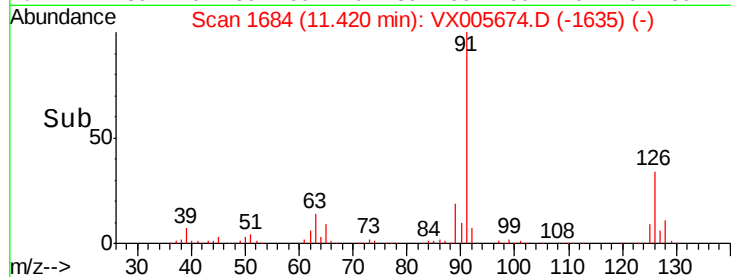
100000

0

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 40.940 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005674.D

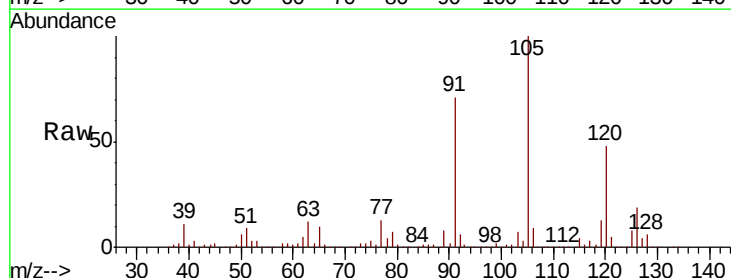
Acq: 29 Oct 2018 21:24

Tgt Ion: 105 Resp: 501284

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005535.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005535.D (-1692) (-)

500000

400000

300000

200000

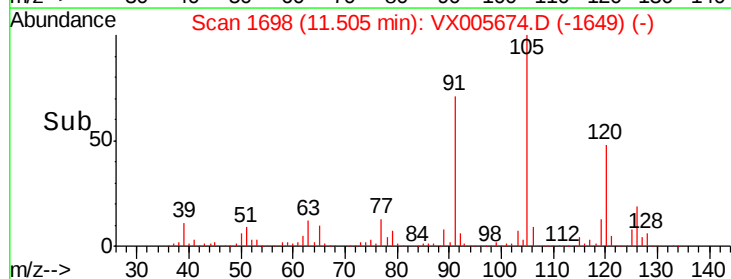
100000

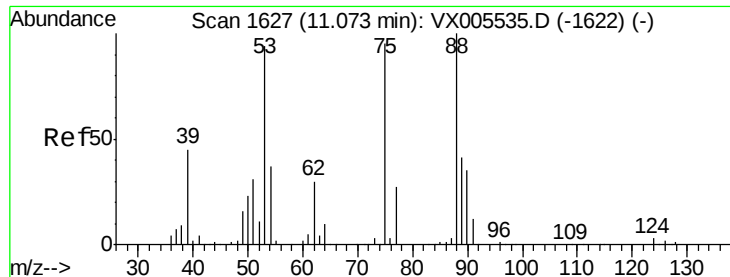
0

11.50

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 38.170 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 57954

Ion Ratio Lower Upper

75 100

53 95.0 80.2 120.2

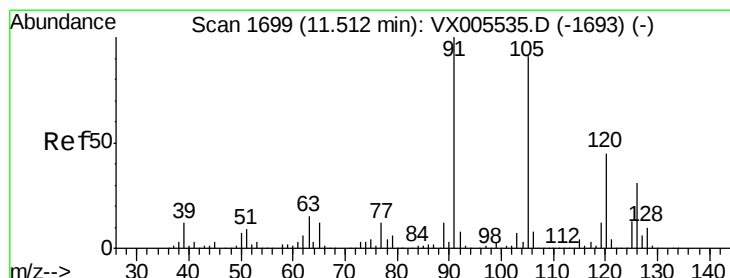
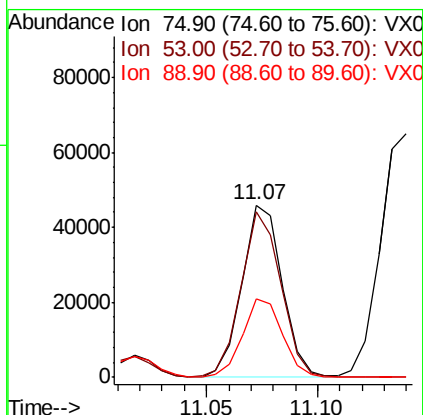
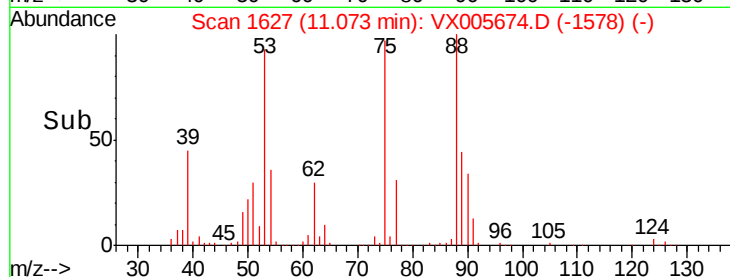
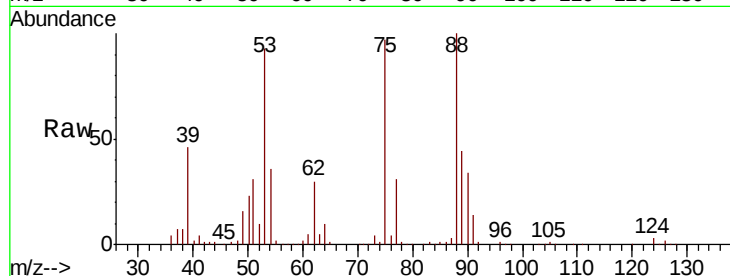
89 45.5 39.8 59.8

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#82

4-Chlorotoluene

Concen: 39.301 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005674.D

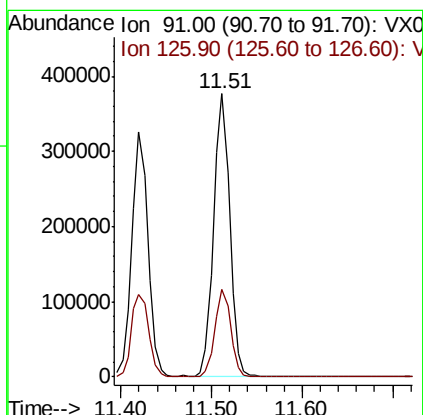
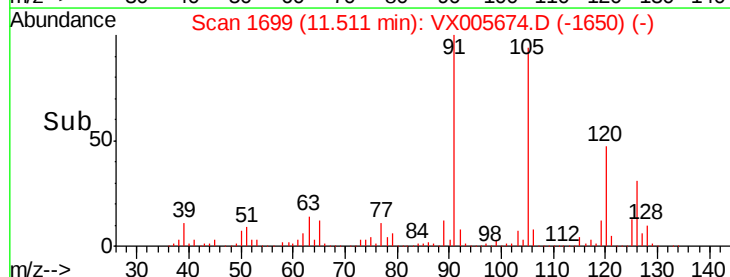
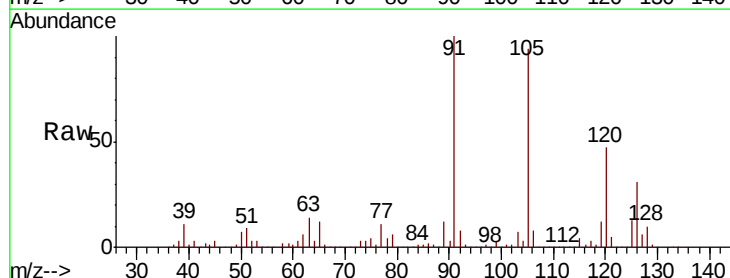
Acq: 29 Oct 2018 21:24

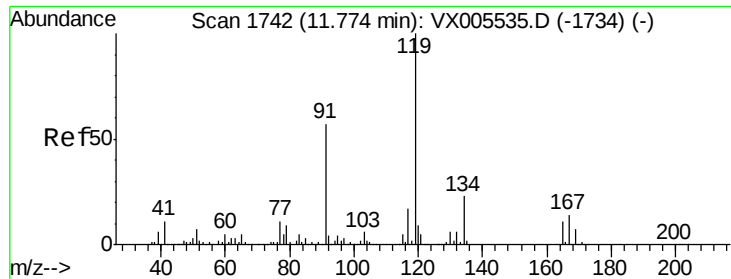
Tgt Ion: 91 Resp: 470278

Ion Ratio Lower Upper

91 100

126 30.6 15.2 45.6





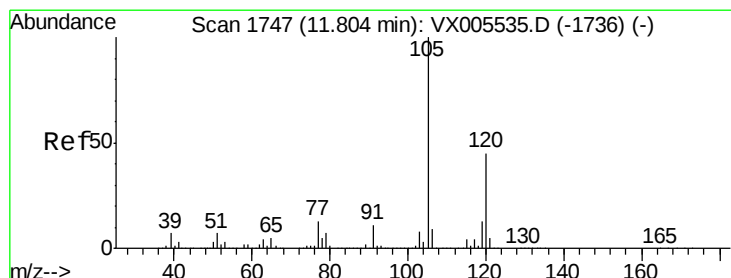
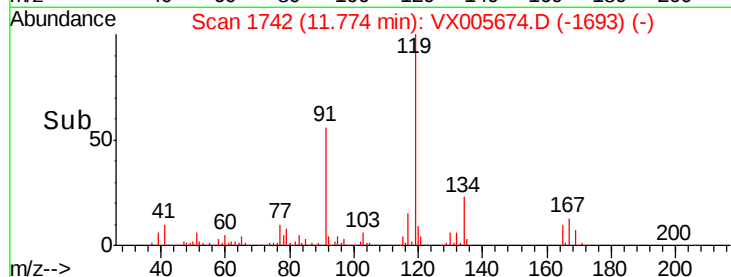
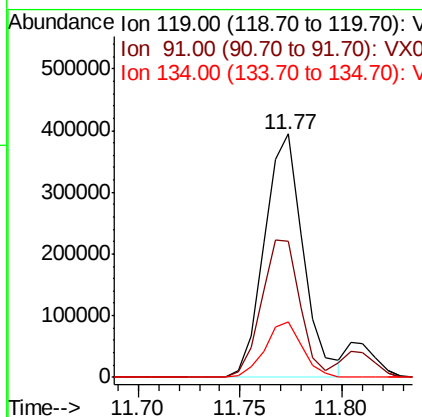
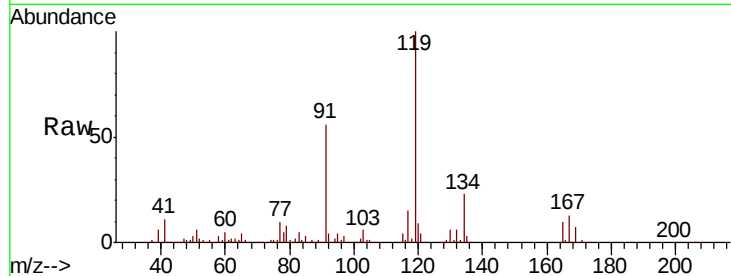
#83
tert-Butylbenzene
Concen: 42.872 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	28.5	85.5
134	22.0	11.3	33.8

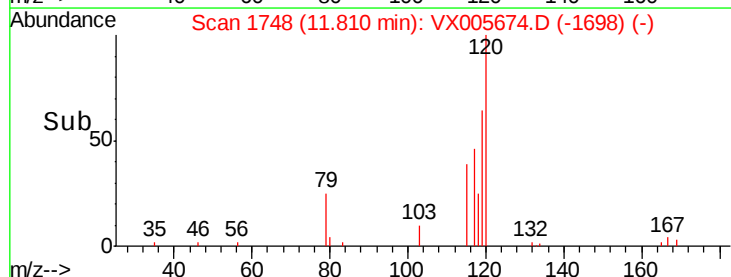
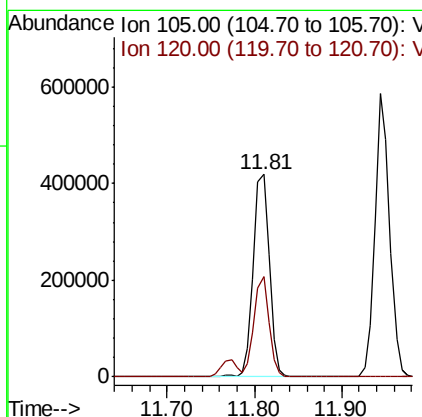
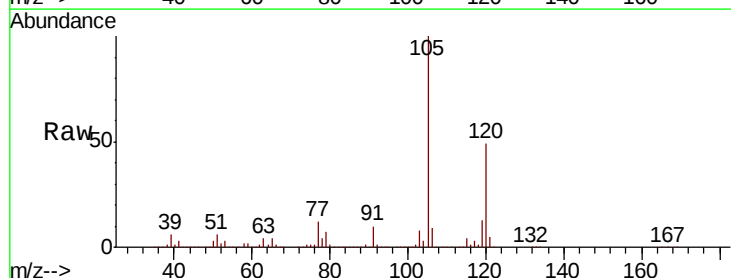
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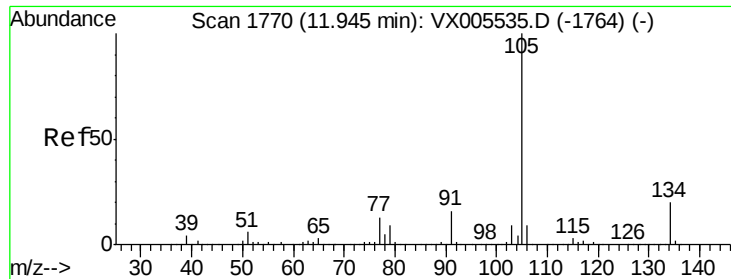
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#84
1,2,4-Trimethylbenzene
Concen: 42.971 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.4	67.0





#85

sec-Butylbenzene

Concen: 47.285 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 688654

Ion Ratio Lower Upper

105 100

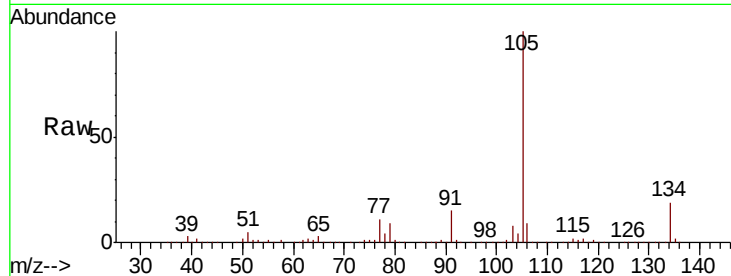
134 20.3 10.2 30.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

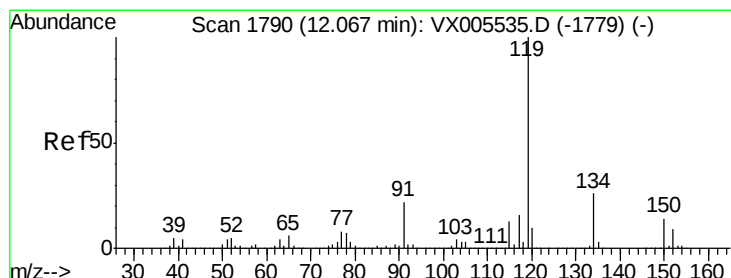
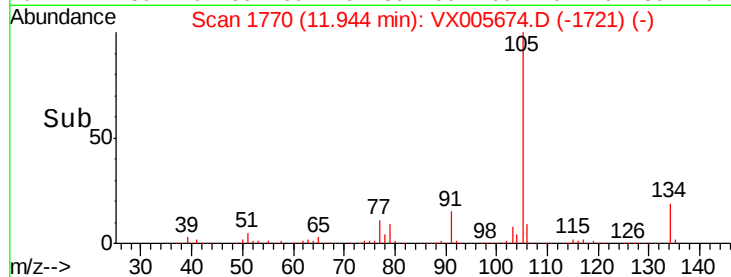
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.941 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

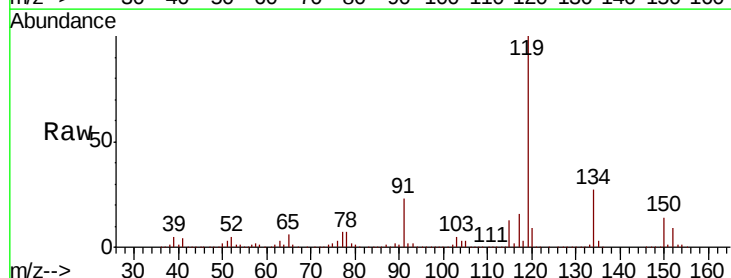
Tgt Ion:119 Resp: 663216

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 22.5 11.4 34.2



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

12.07

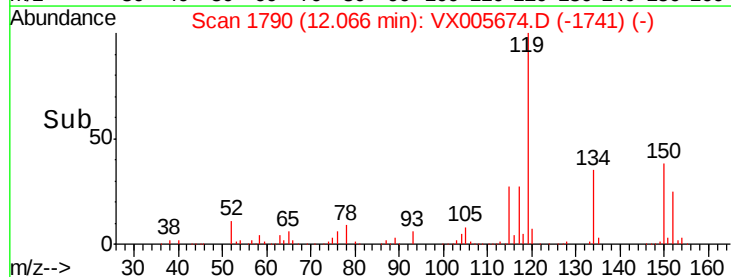
600000

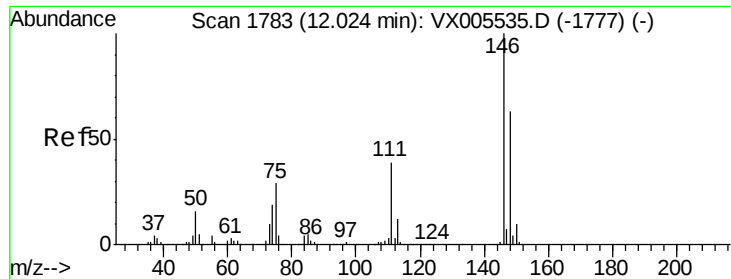
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.168 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

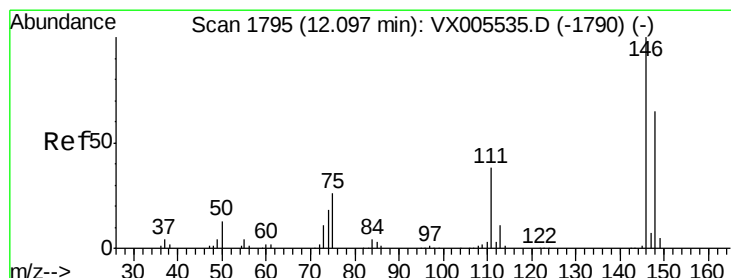
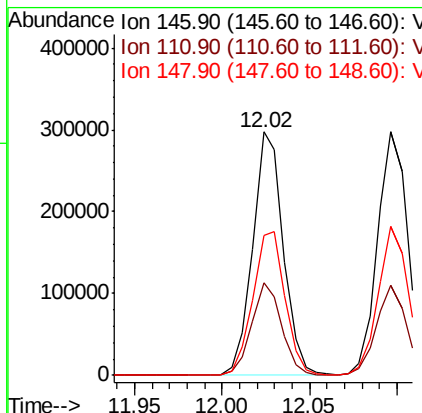
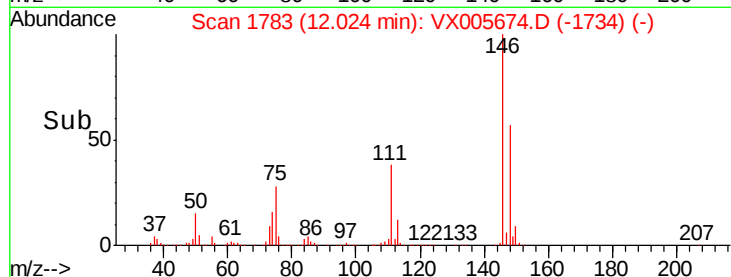
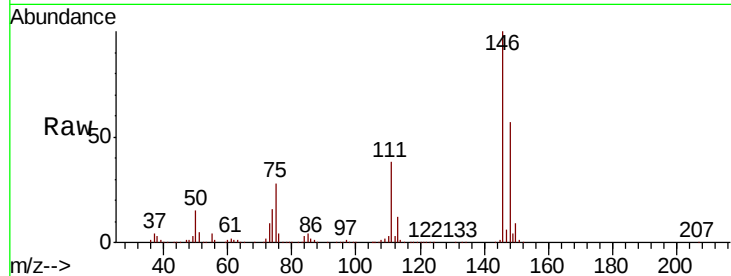
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	361317
Ion Ratio	Lower	Upper	
146	100		
111	37.1	19.0	57.0
148	62.5	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 46.286 ug/l

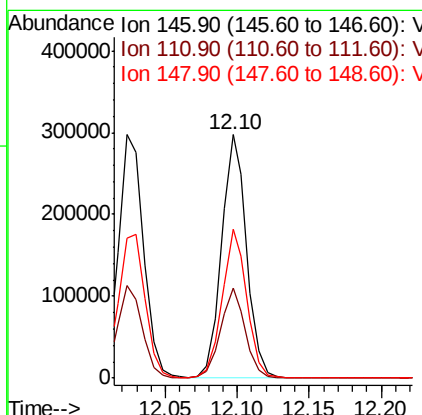
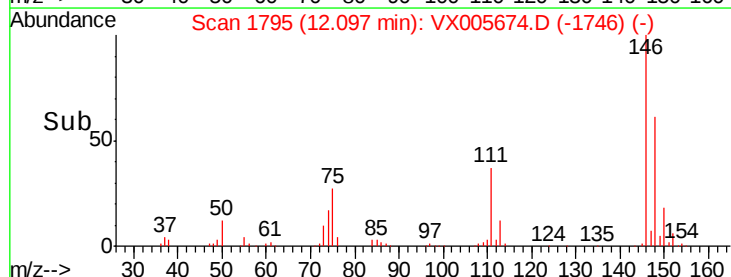
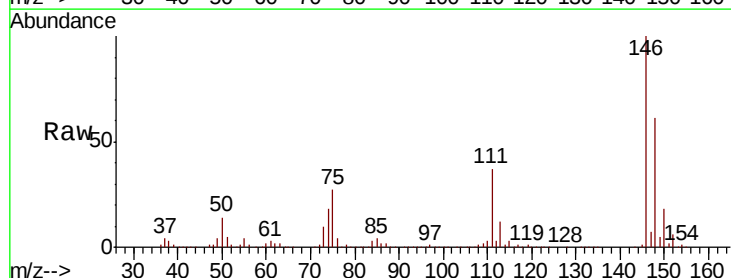
RT: 12.10 min Scan# 1795

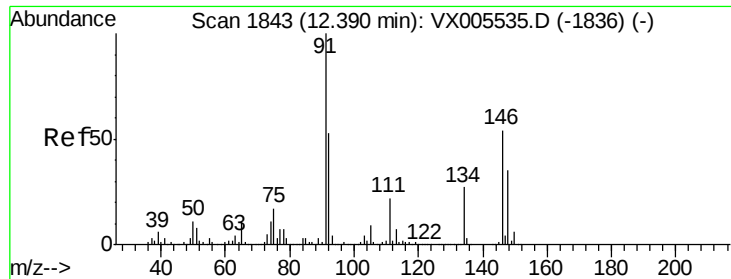
Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tgt Ion:	146	Resp:	362414
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.6	55.8
148	60.8	32.1	96.3





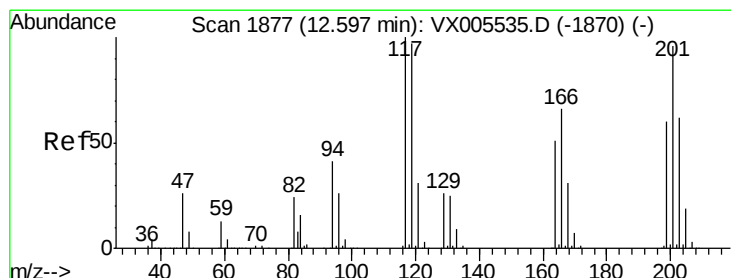
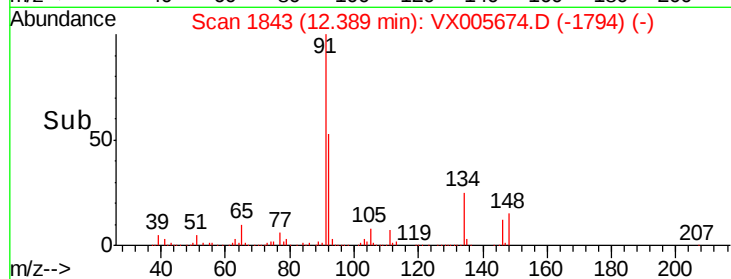
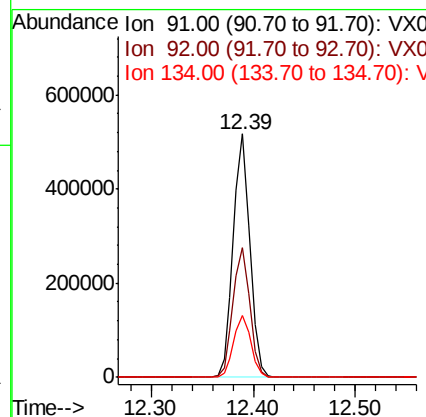
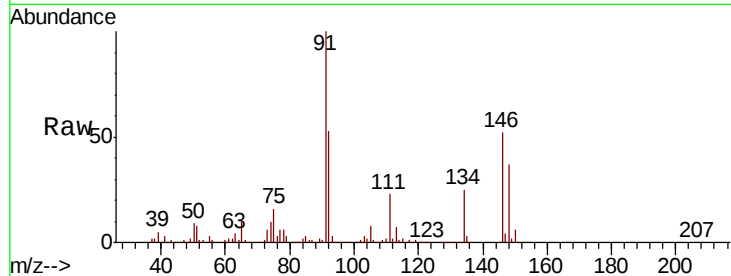
#89
n-Butylbenzene
Concen: 49.607 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	26.1	78.2	
134	26.3	13.1	39.3	

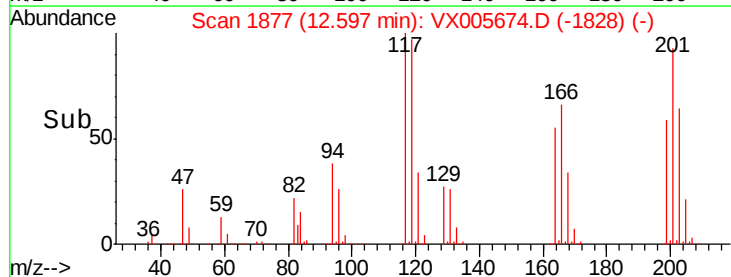
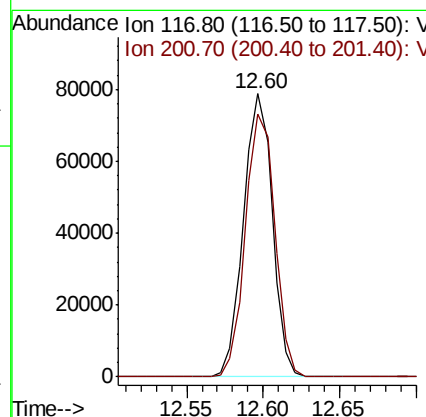
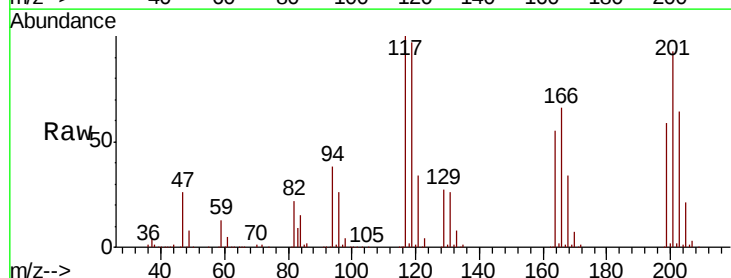
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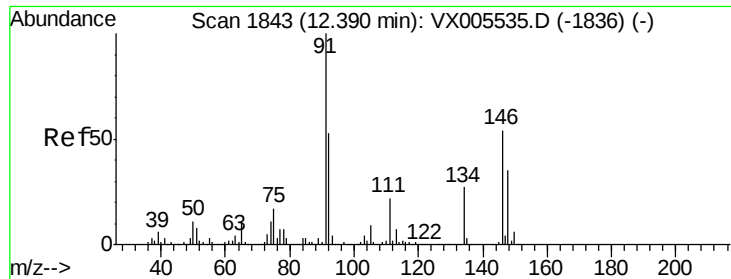
MMDadoda
10/30/2018 10:51:07 AM



#90
Hexachloroethane
Concen: 46.010 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	94.9	47.9	143.6	





#91

1,2-Dichlorobenzene

Concen: 45.831 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

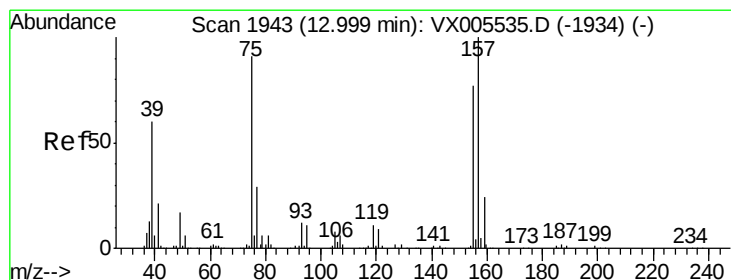
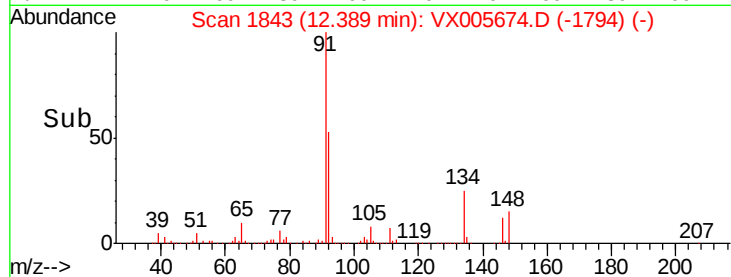
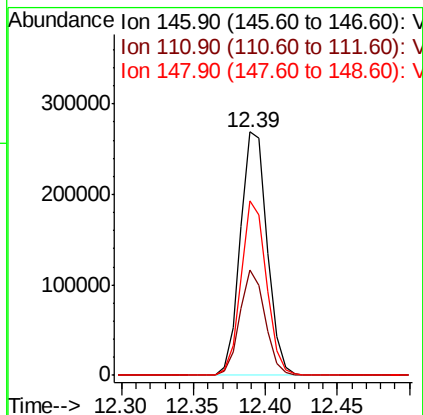
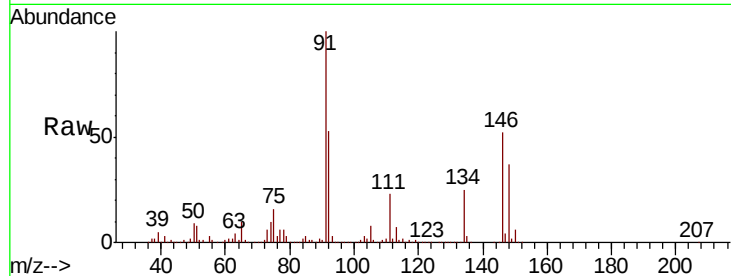
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	347822
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.0	59.9
148	68.0	32.2	96.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.252 ug/l

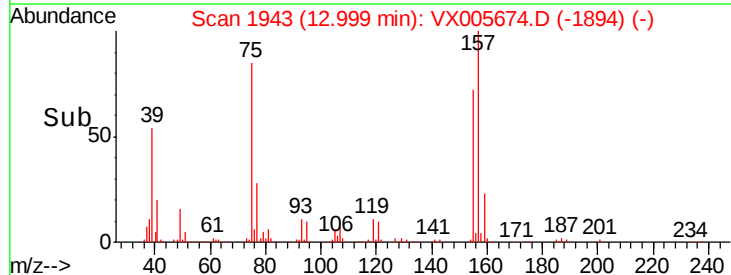
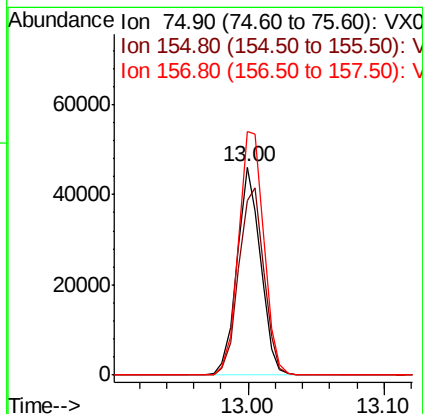
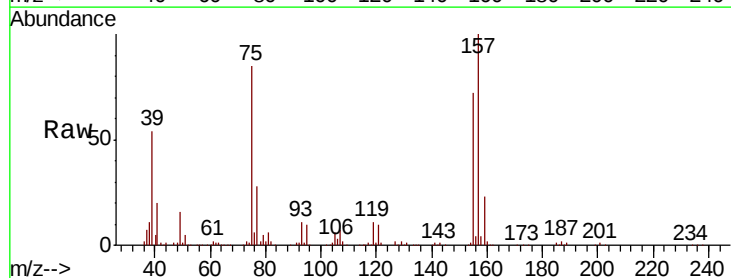
RT: 13.00 min Scan# 1943

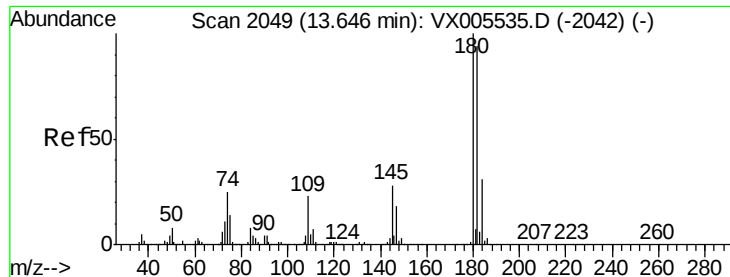
Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tgt Ion:	75	Resp:	55225
Ion Ratio	Lower	Upper	
75	100		
155	96.9	45.4	136.1
157	126.2	57.4	172.0





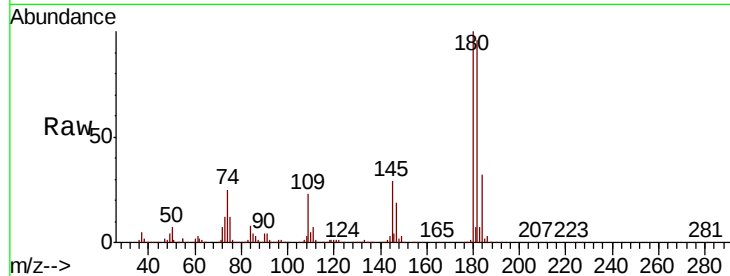
#93
 1,2,4-Trichlorobenzene
 Concen: 48.370 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	266103		
182	94.0	47.6	142.8	
145	27.5	14.1	42.2	

Manual Integrations
 APPROVED

MMDadoda
 10/30/2018 10:51:07 AM

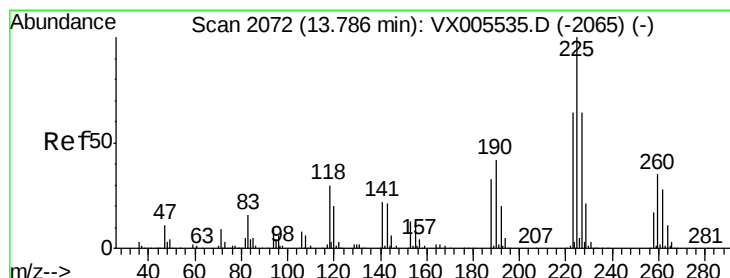
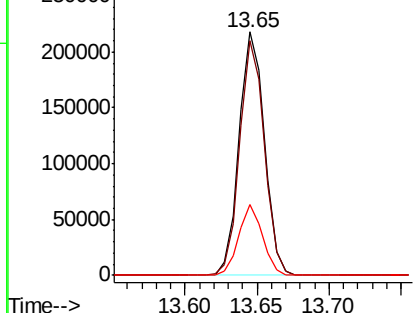
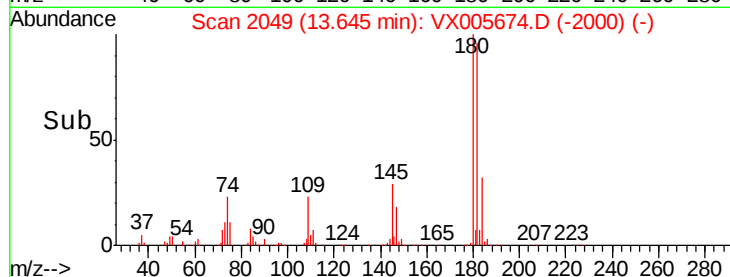


Abundance

Ion 179.80 (179.50 to 180.50): V

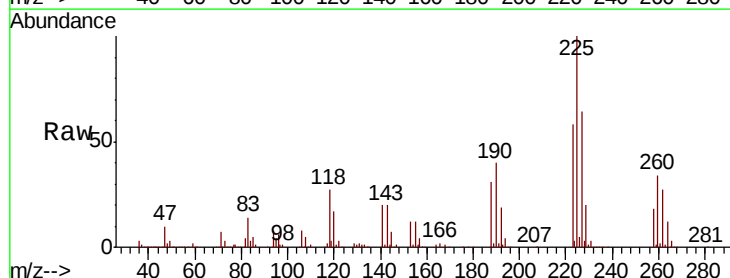
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.017 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131191		
223	60.4	31.7	95.1	
227	63.9	32.3	96.9	

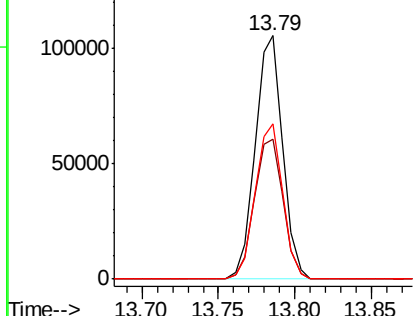
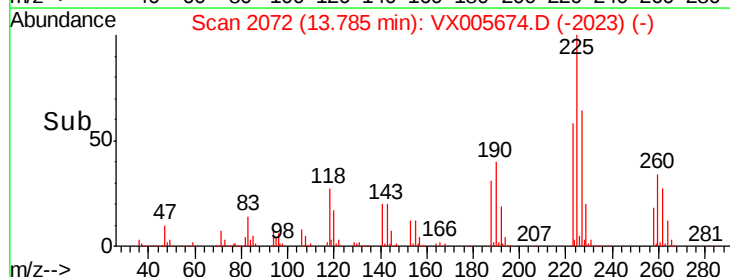


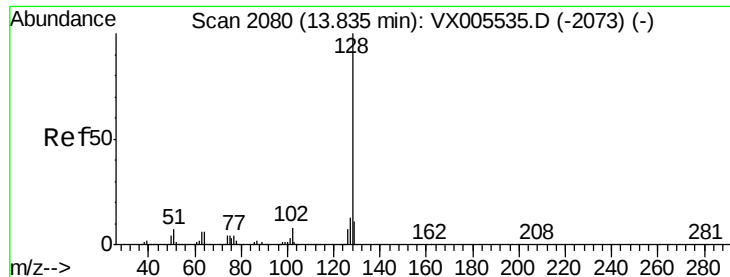
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.479 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

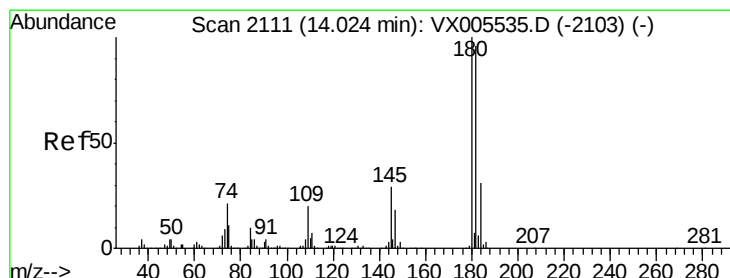
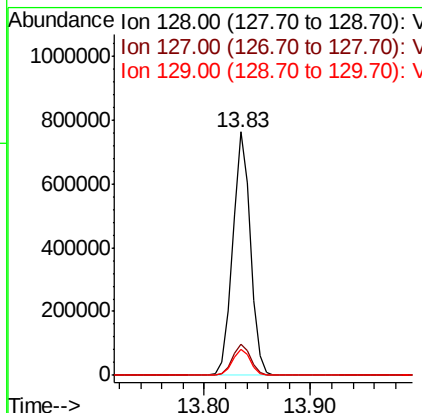
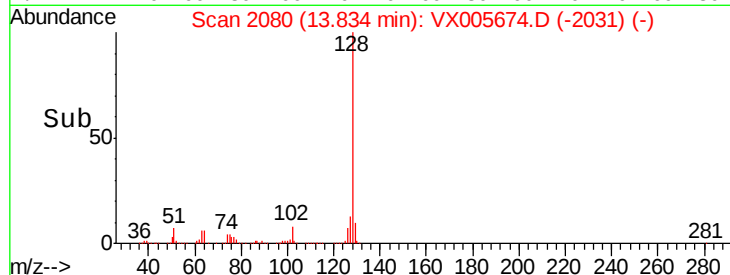
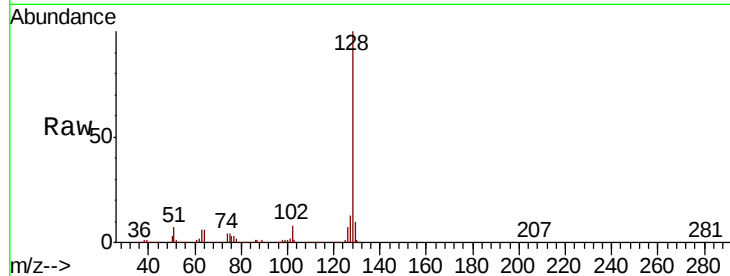
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	887194
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/30/2018 10:51:07 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.762 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tgt Ion:	180	Resp:	288665
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.0	144.2
145	29.4	15.1	45.3

