

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011020\
 Data File : VX014574.D
 Acq On : 11 Jan 2020 06:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 13 00:48:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	447801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	699716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	635519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317327	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	253680	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	5.49	113	208846	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	808486	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.14	95	290166	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	282023	50.724	ug/l	99
3) Chloromethane	1.32	50	288195	50.489	ug/l	99
4) Vinyl Chloride	1.41	62	336684	52.933	ug/l	99
5) Bromomethane	1.63	94	194958	46.240	ug/l	100
6) Chloroethane	1.72	64	184289	53.254	ug/l	98
7) Trichlorofluoromethane	1.92	101	362680	50.265	ug/l	98
8) Diethyl Ether	2.18	74	162850	49.472	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	213827	48.711	ug/l	99
10) Methyl Iodide	2.50	142	301316	57.325	ug/l	99
11) Tert butyl alcohol	3.03	59	282187	270.351	ug/l	99
12) 1,1-Dichloroethene	2.37	96	215563	48.740	ug/l	98
13) Acrolein	2.28	56	177563	212.240	ug/l	99
14) Allyl chloride	2.72	41	377117	48.567	ug/l	99
15) Acrylonitrile	3.13	53	673471	267.336	ug/l	99
16) Acetone	2.43	43	610599	243.498	ug/l	99
17) Carbon Disulfide	2.56	76	561614	45.510	ug/l	100
18) Methyl Acetate	2.76	43	402786	56.060	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	738212	51.996	ug/l	100
20) Methylene Chloride	2.85	84	252235	50.157	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	234359	48.538	ug/l	98
22) Diisopropyl ether	3.84	45	793223	52.861	ug/l	99
23) Vinyl Acetate	3.80	43	2875107	247.475	ug/l	100
24) 1,1-Dichloroethane	3.69	63	424824	52.042	ug/l	100
25) 2-Butanone	4.66	43	945809	253.289	ug/l	99
26) 2,2-Dichloropropane	4.58	77	234660	33.935	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	267922	49.637	ug/l	98
28) Bromochloromethane	5.00	49	178269	51.827	ug/l	96
29) Tetrahydrofuran	5.12	42	605896	274.440	ug/l	99
30) Chloroform	5.20	83	415054	52.033	ug/l	99
31) Cyclohexane	5.58	56	392154	51.324	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	352227	51.586	ug/l	100
36) 1,1-Dichloropropene	5.79	75	315675	47.974	ug/l	100
37) Ethyl Acetate	4.82	43	362462	50.712	ug/l	99
38) Carbon Tetrachloride	5.78	117	299432	49.450	ug/l	95

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 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	390606	47.249	ug/l	99
40) Benzene	6.14	78	977456	50.049	ug/l	99
41) Methacrylonitrile	5.03	41	201460	52.855	ug/l	98
42) 1,2-Dichloroethane	6.18	62	338902	49.631	ug/l	99
43) Isopropyl Acetate	6.43	43	594471	51.486	ug/l	98
44) Trichloroethene	7.21	130	273044	48.650	ug/l	99
45) 1,2-Dichloropropane	7.51	63	253238	50.860	ug/l	100
46) Dibromomethane	7.65	93	165189	47.533	ug/l	100
47) Bromodichloromethane	7.89	83	323632	51.179	ug/l	97
48) Methyl methacrylate	7.76	41	291527	52.717	ug/l	99
49) 1,4-Dioxane	7.73	88	120865	1031.489	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1872913	266.193	ug/l	100
52) Toluene	8.78	92	613407	49.065	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	336660	45.729	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	378921	47.646	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	249239	49.634	ug/l	99
56) Ethyl methacrylate	9.17	69	404926	52.634	ug/l	99
57) 1,3-Dichloropropane	9.37	76	423876	50.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	691343	264.124	ug/l	99
59) 2-Hexanone	9.48	43	1425084	255.982	ug/l	100
60) Dibromochloromethane	9.58	129	258241	51.165	ug/l	98
61) 1,2-Dibromoethane	9.67	107	259720	48.827	ug/l	100
64) Tetrachloroethene	9.33	164	336996	52.909	ug/l	99
65) Chlorobenzene	10.14	112	662212	48.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	244932	49.764	ug/l	100
67) Ethyl Benzene	10.24	91	1172164	49.864	ug/l	99
68) m/p-Xylenes	10.35	106	895364	98.728	ug/l	100
69) o-Xylene	10.70	106	433002	50.041	ug/l	99
70) Styrene	10.71	104	739745	49.538	ug/l	99
71) Bromoform	10.85	173	199229	49.474	ug/l #	99
73) Isopropylbenzene	11.01	105	1135049	50.937	ug/l	99
74) N-amyl acetate	10.89	43	515990	52.486	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	367576	51.437	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	429610	65.434	ug/l	79
77) Bromobenzene	11.25	156	295854	47.876	ug/l	99
78) n-propylbenzene	11.35	91	1280261	50.167	ug/l	100
79) 2-Chlorotoluene	11.42	91	752835	49.497	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	955505	51.648	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	111963	45.085	ug/l	97
82) 4-Chlorotoluene	11.51	91	882011	49.404	ug/l	98
83) tert-Butylbenzene	11.76	119	852434	48.766	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	957948	51.244	ug/l	100
85) sec-Butylbenzene	11.94	105	1091000	50.206	ug/l	100
86) p-Isopropyltoluene	12.06	119	1013075	50.239	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	525457	47.380	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	522688	50.169	ug/l	99
89) n-Butylbenzene	12.38	91	868881	47.126	ug/l	99
90) Hexachloroethane	12.59	117	175770	49.624	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	536189	49.347	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	83235	51.781	ug/l	97

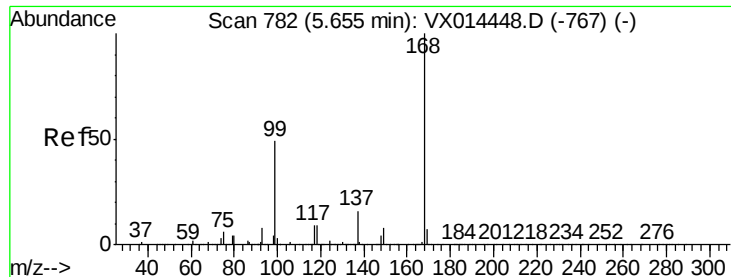
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	361870	47.447	ug/l	99
94) Hexachlorobutadiene	13.77	225	172706	48.357	ug/l	100
95) Naphthalene	13.83	128	1113026	47.023	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	359133	47.974	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

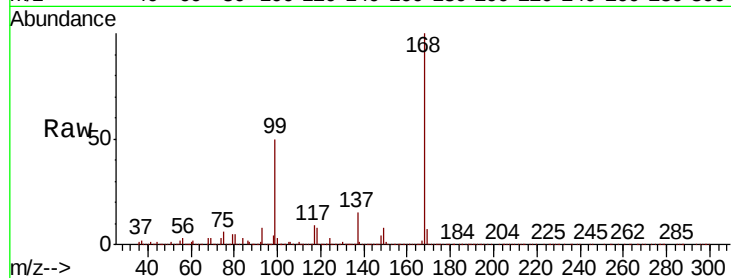
VSTDCCC050EC

Tot Ion:168 Resp: 447801

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

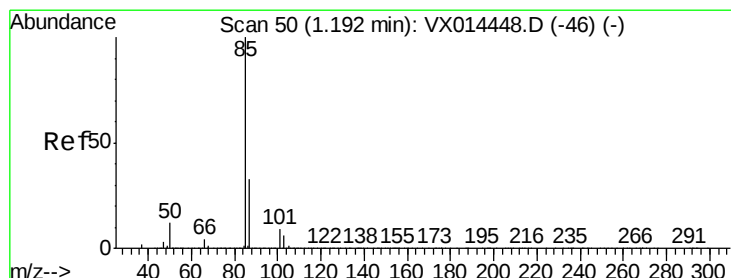
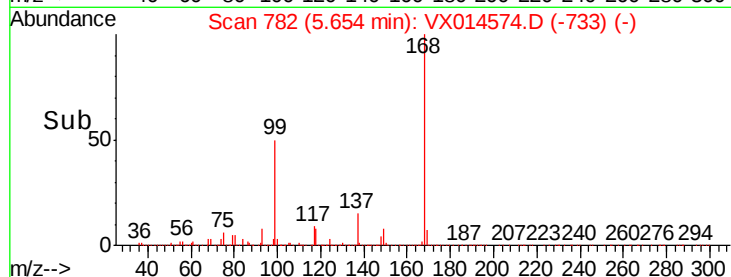
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.724 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014574.D

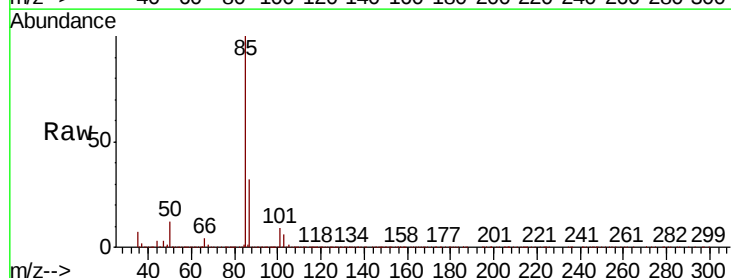
Acq: 11 Jan 2020 06:42

Tgt Ion: 85 Resp: 282023

Ion Ratio Lower Upper

85 100

87 32.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

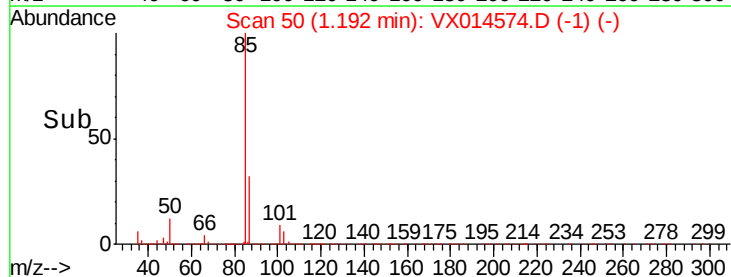
300000

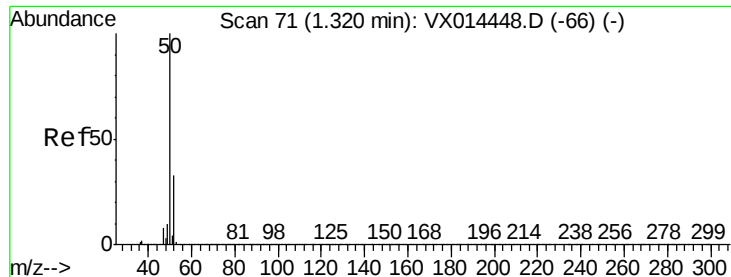
200000

100000

0

Time-->





#3

Chloromethane

Concen: 50.489 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

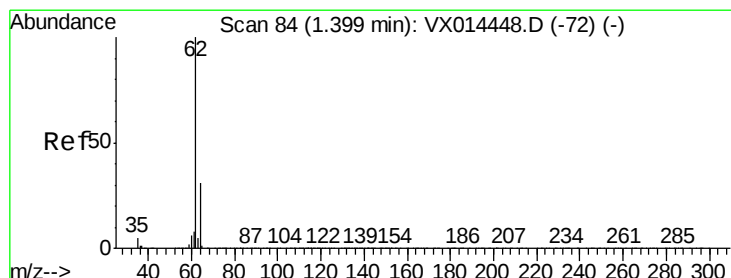
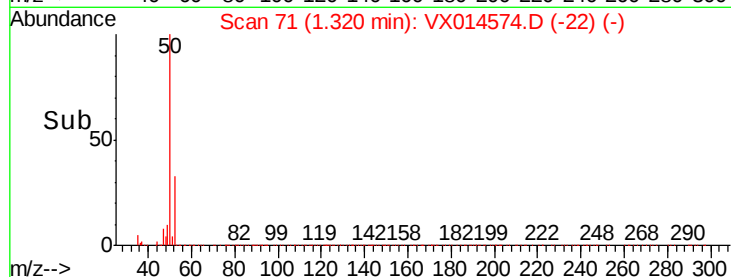
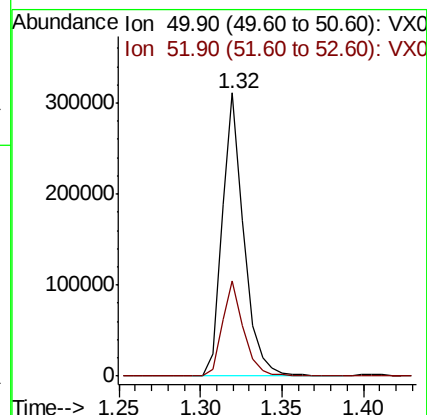
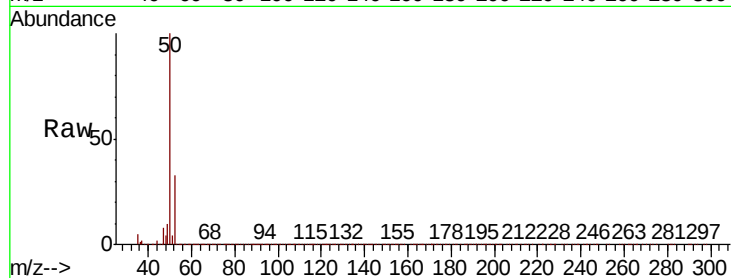
VSTDCCC050EC

Tot Ion: 50 Resp: 288195

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 52.933 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014574.D

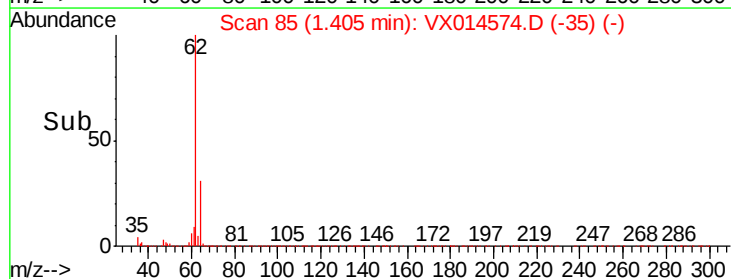
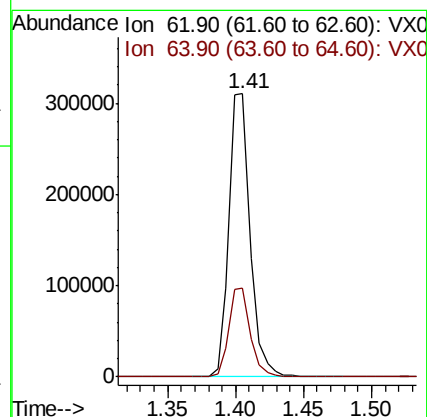
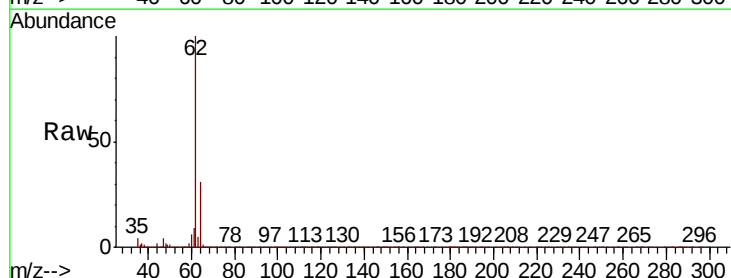
Acq: 11 Jan 2020 06:42

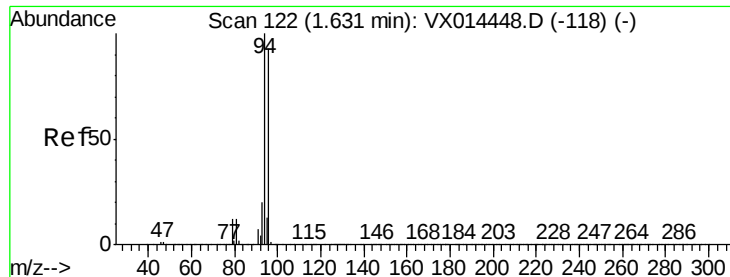
Tgt Ion: 62 Resp: 336684

Ion Ratio Lower Upper

62 100

64 31.3 24.6 37.0





#5

Bromomethane

Concen: 46.240 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

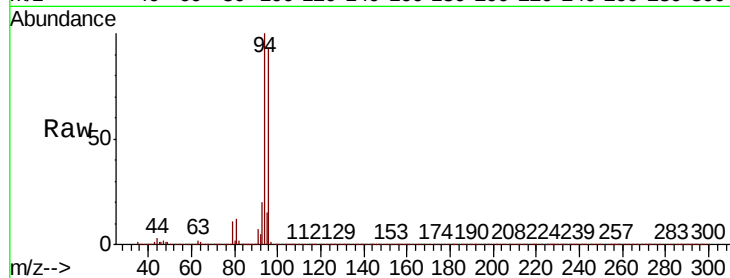
VSTDCCC050EC

Tot Ion: 94 Resp: 194958

Ion Ratio Lower Upper

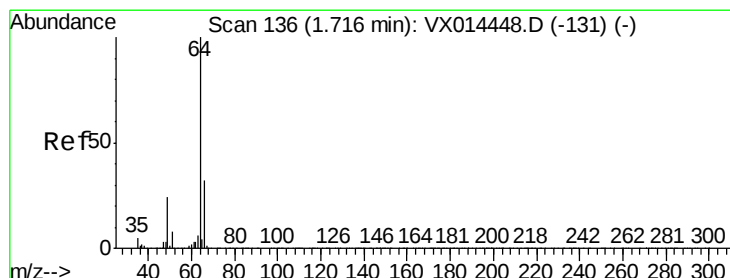
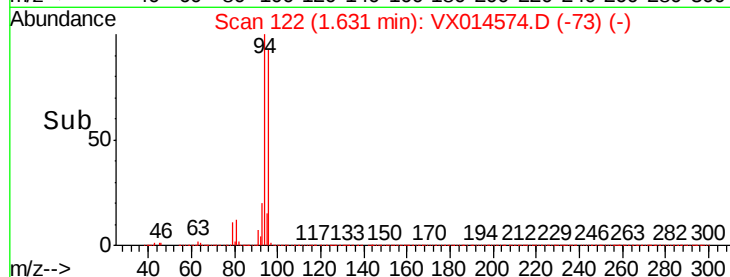
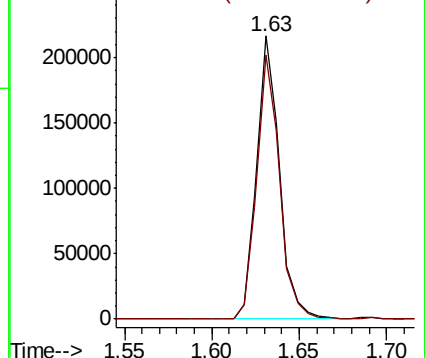
94 100

96 93.1 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.254 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX014574.D

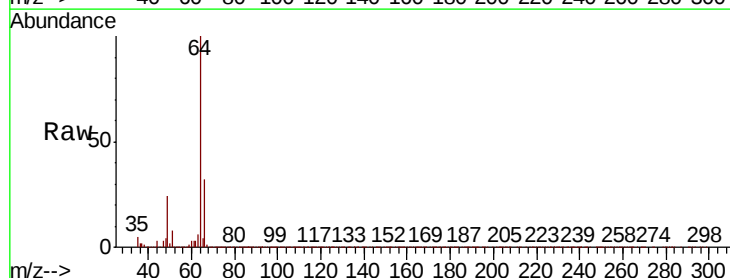
Acq: 11 Jan 2020 06:42

Tgt Ion: 64 Resp: 184289

Ion Ratio Lower Upper

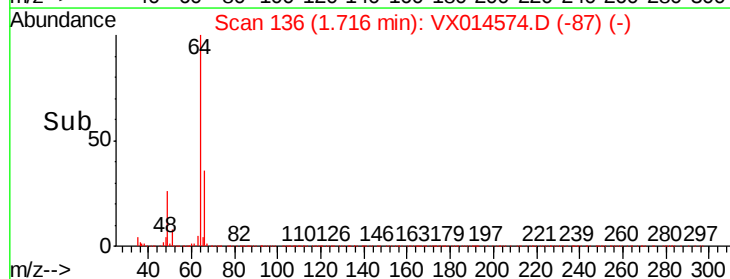
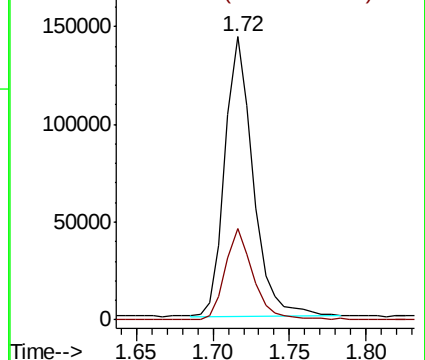
64 100

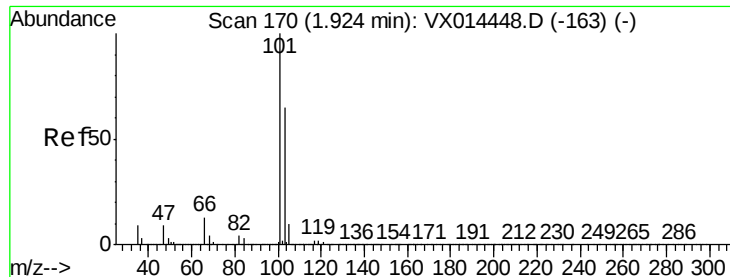
66 32.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



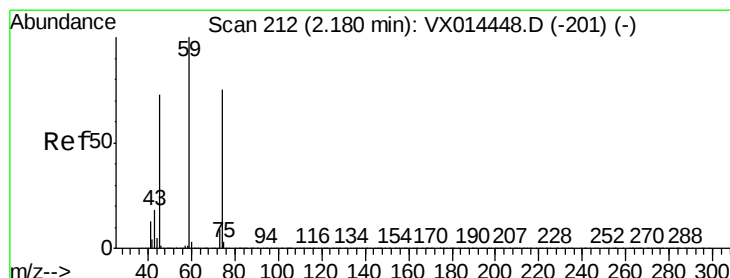
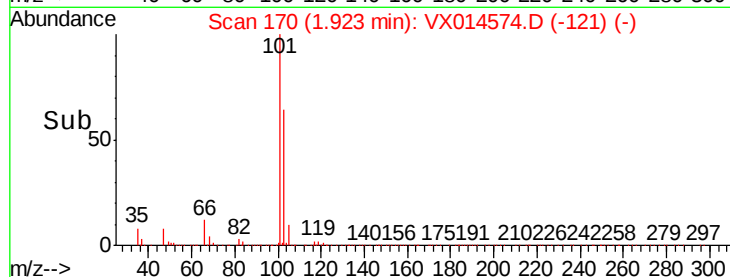
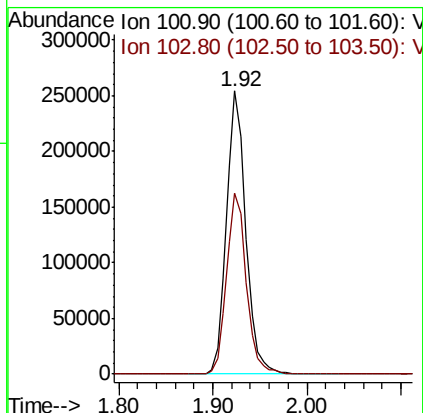
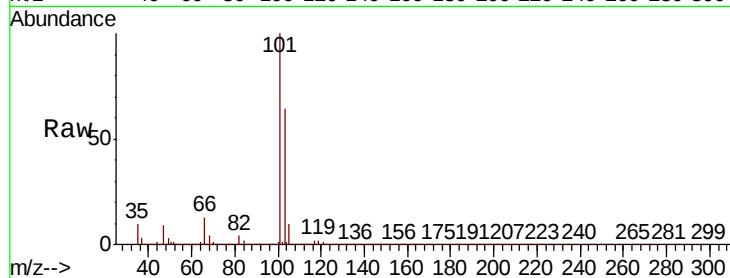


#7

Trichlorofluoromethane
Concen: 50.265 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
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VSTDCCC050EC

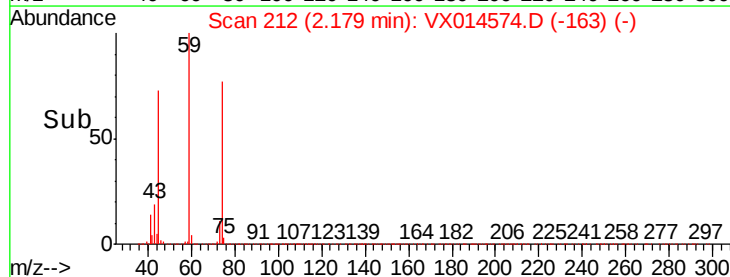
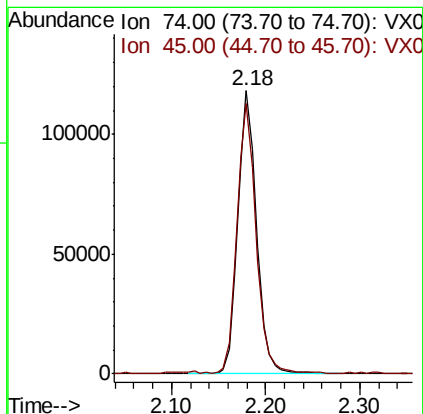
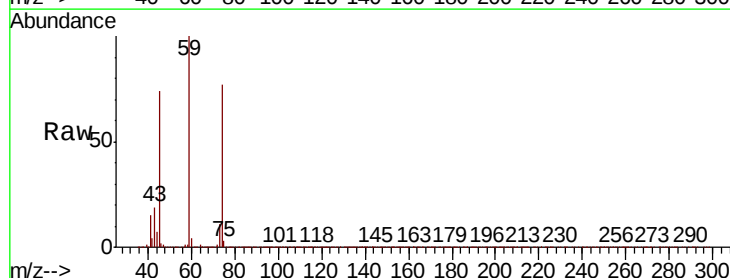
Tot Ion:101 Resp: 362680
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4

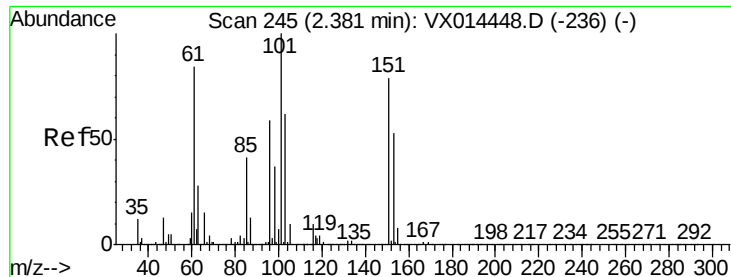


#8

Diethyl Ether
Concen: 49.472 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion: 74 Resp: 162850
Ion Ratio Lower Upper
74 100
45 96.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.711 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

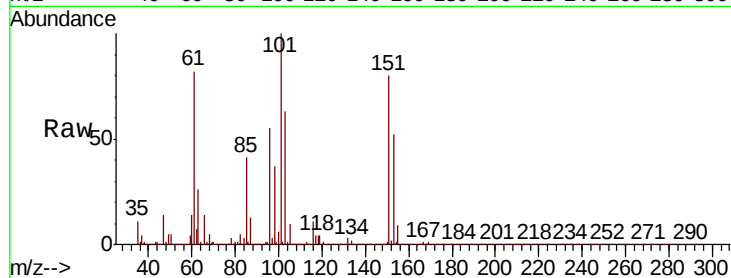
Tot Ion:101 Resp: 213827

Ion Ratio Lower Upper

101 100

85 41.3 33.8 50.8

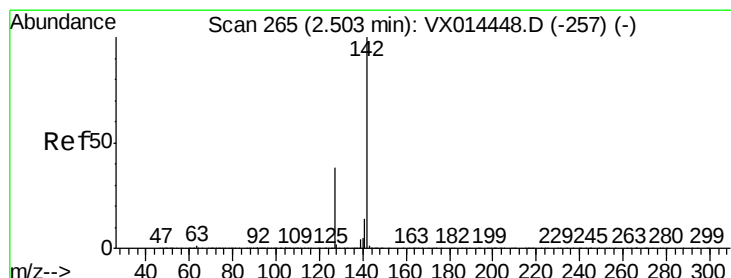
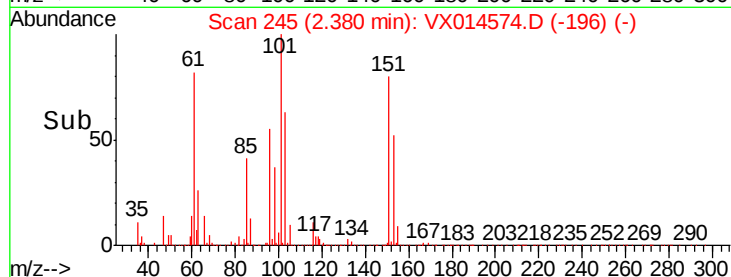
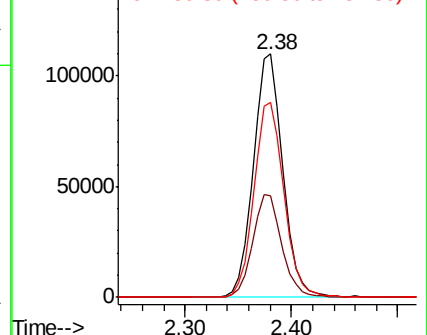
151 81.6 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.325 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

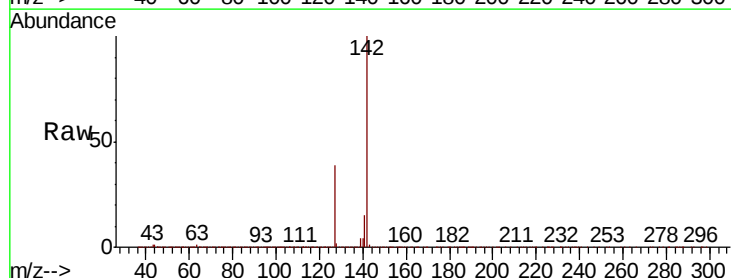
Tgt Ion:142 Resp: 301316

Ion Ratio Lower Upper

142 100

127 38.6 31.2 46.8

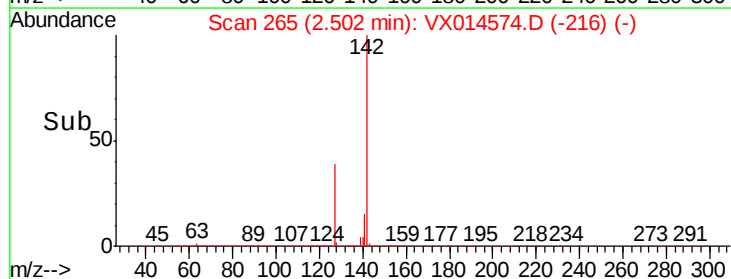
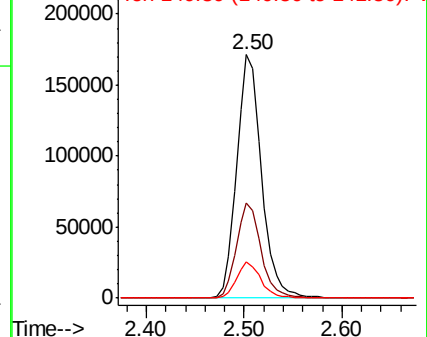
141 14.7 11.4 17.2

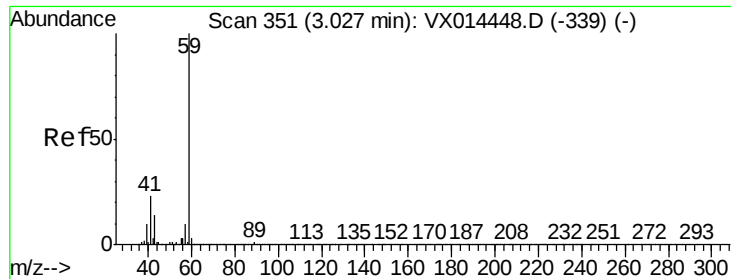


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

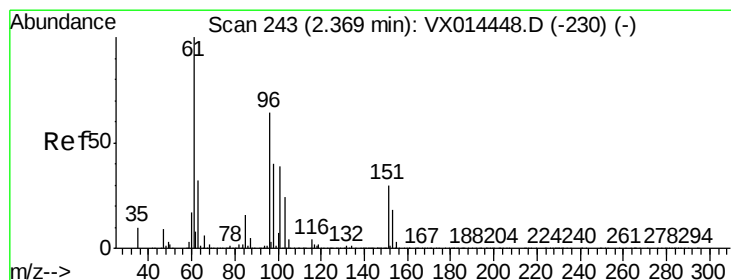
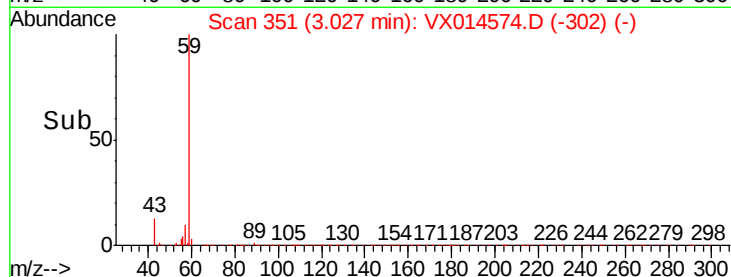
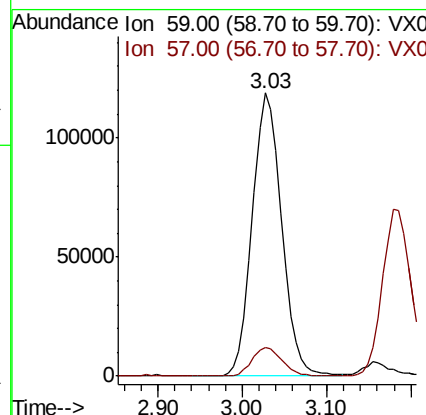
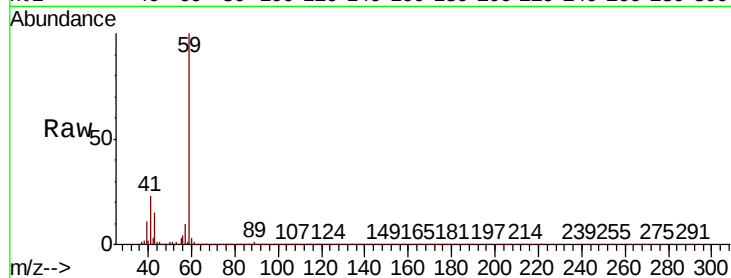




#11
Tert butyl alcohol
Concen: 270.351 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

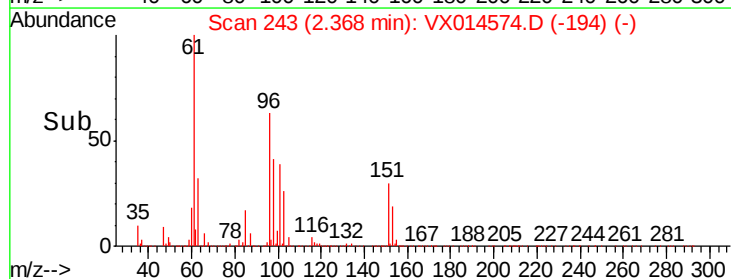
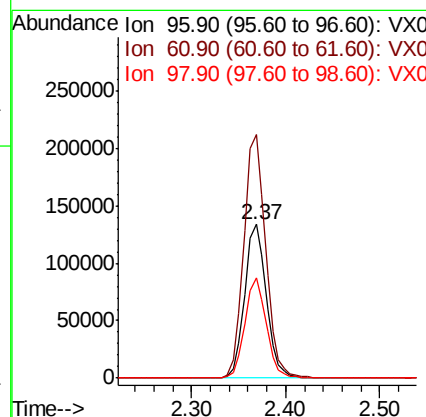
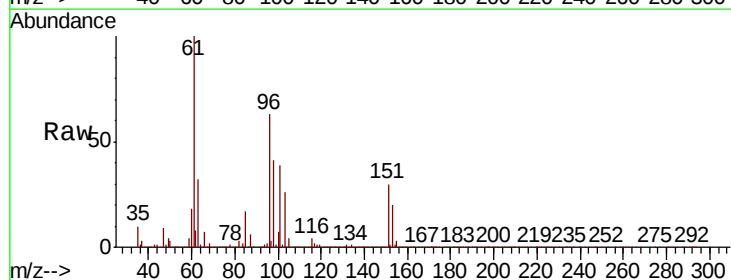
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

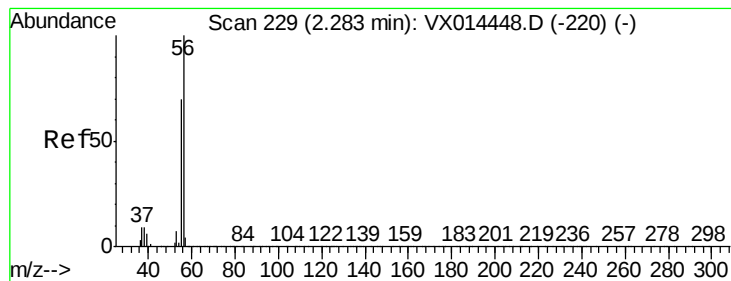
Tot Ion: 59 Resp: 282187
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.740 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion: 96 Resp: 215563
Ion Ratio Lower Upper
96 100
61 158.8 125.0 187.6
98 65.5 50.2 75.2





#13

Acrolein

Concen: 212.240 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

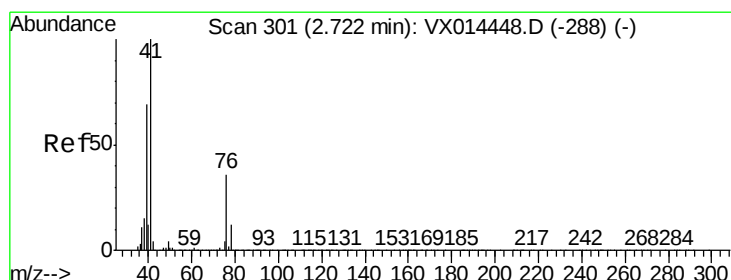
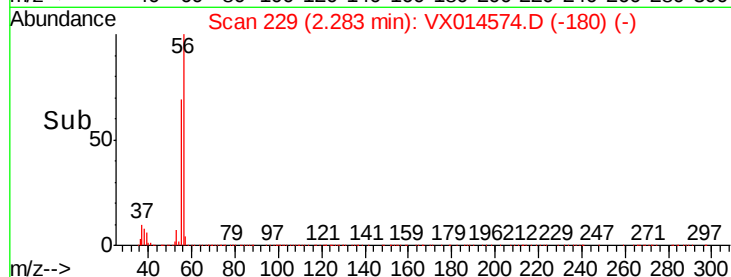
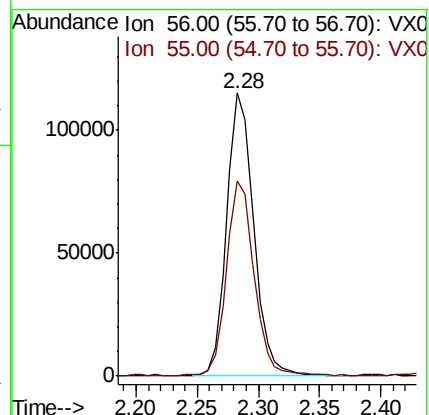
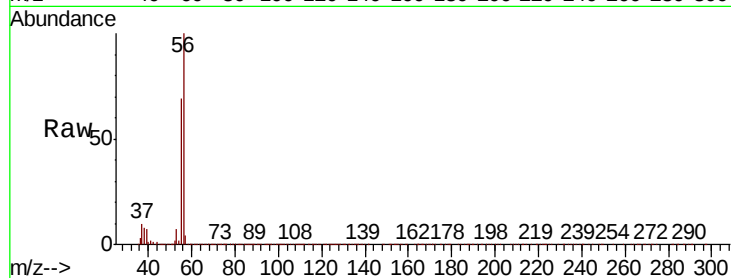
VSTDCCC050EC

Tot Ion: 56 Resp: 177563

Ion Ratio Lower Upper

56 100

55 69.2 55.0 82.6



#14

Allyl chloride

Concen: 48.567 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

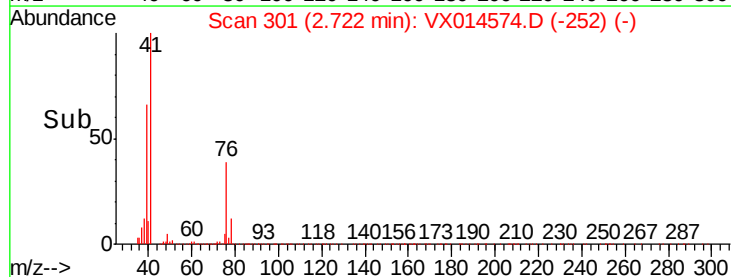
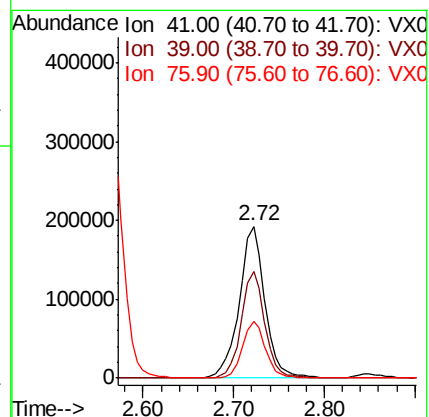
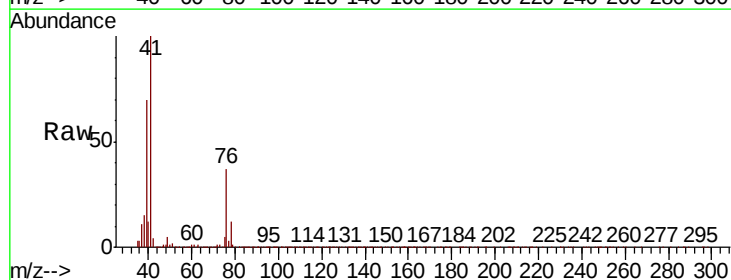
Tgt Ion: 41 Resp: 377117

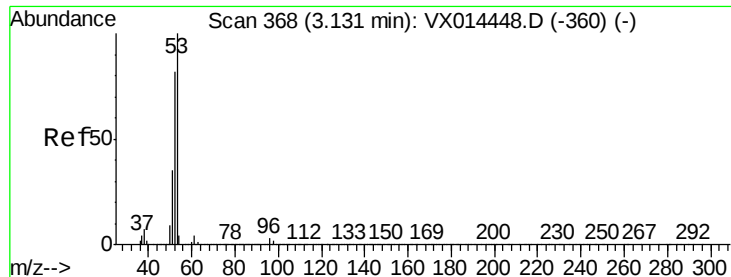
Ion Ratio Lower Upper

41 100

39 64.2 51.7 77.5

76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 267.336 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

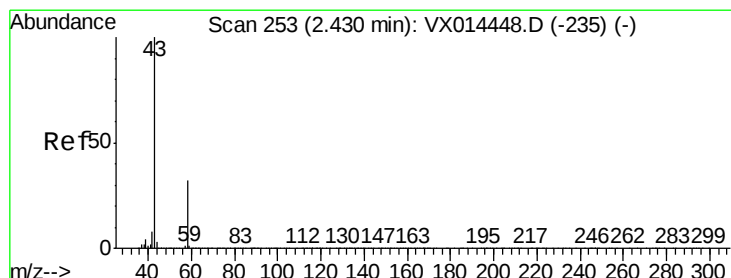
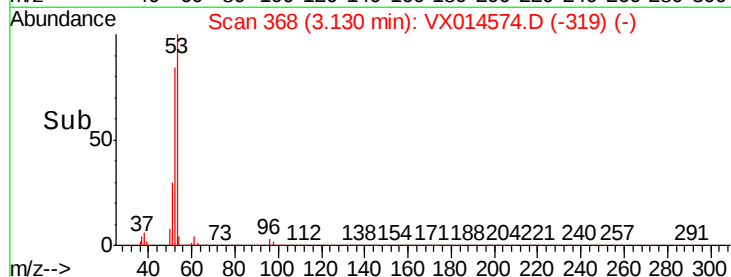
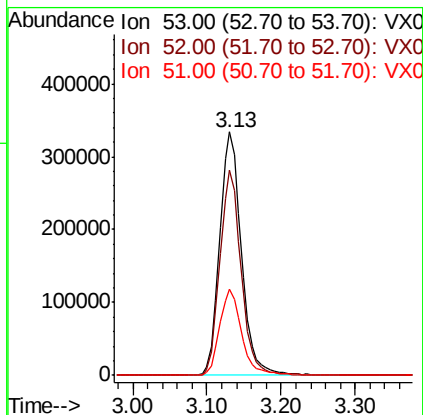
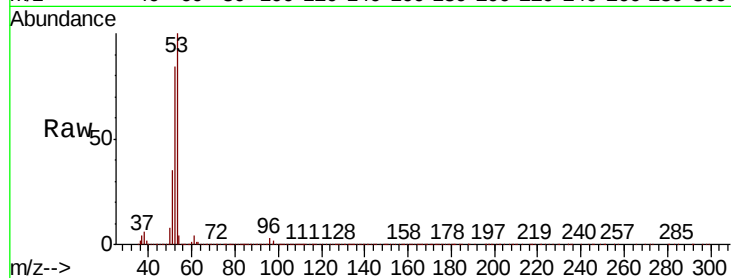
Tot Ion: 53 Resp: 673471

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.4

51 35.7 28.5 42.7



#16

Acetone

Concen: 243.498 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014574.D

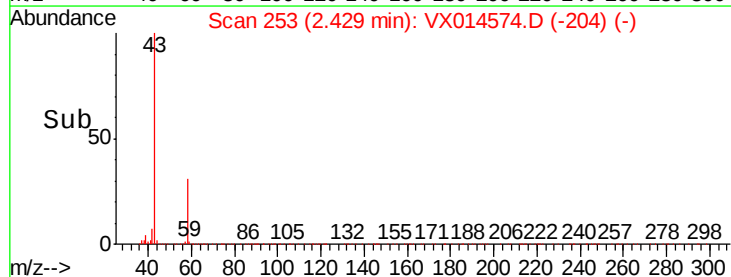
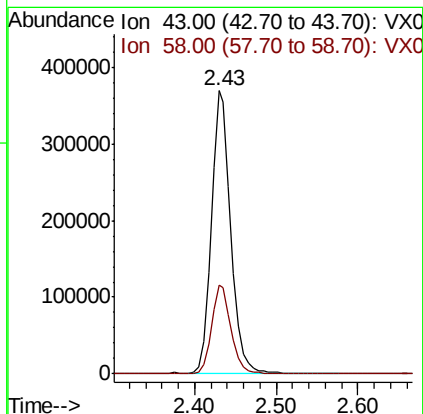
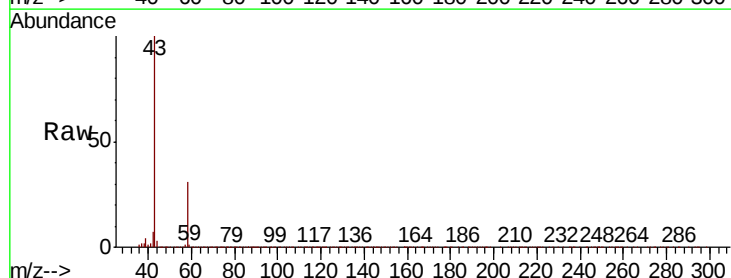
Acq: 11 Jan 2020 06:42

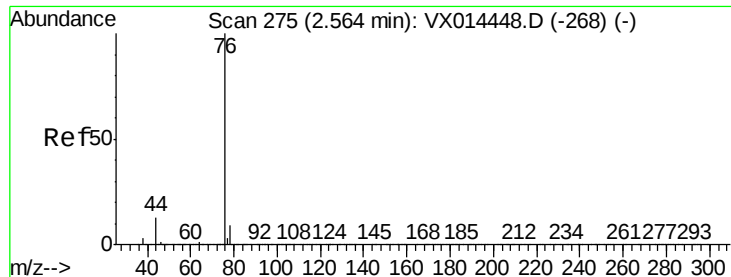
Tgt Ion: 43 Resp: 610599

Ion Ratio Lower Upper

43 100

58 31.3 25.4 38.0





#17

Carbon Disulfide

Concen: 45.510 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

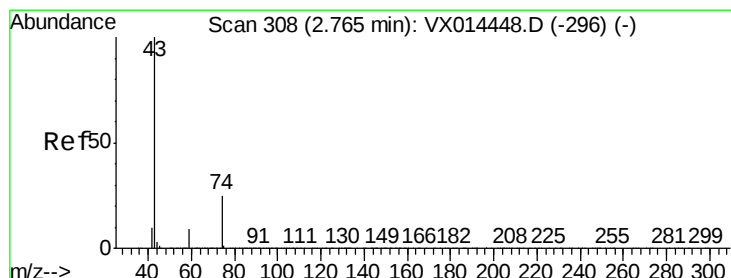
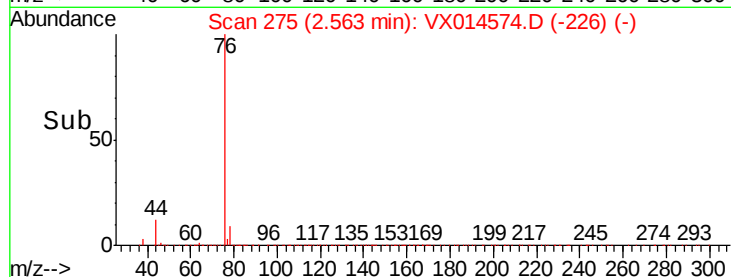
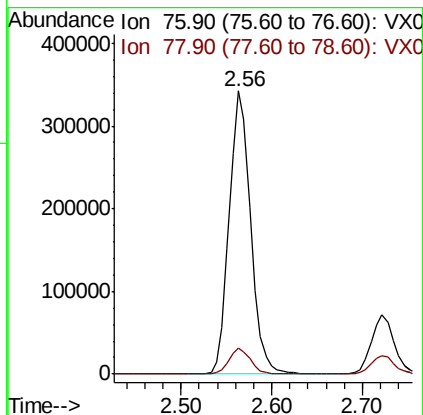
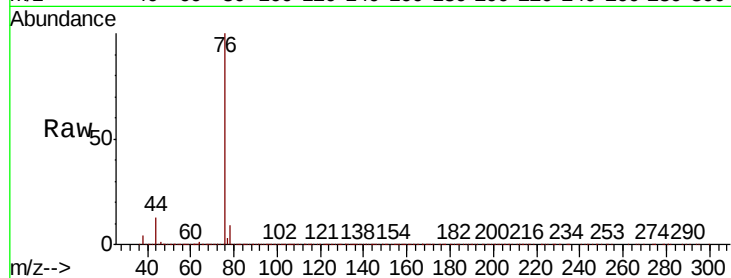
VSTDCCC050EC

Tot Ion: 76 Resp: 561614

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



#18

Methyl Acetate

Concen: 56.060 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014574.D

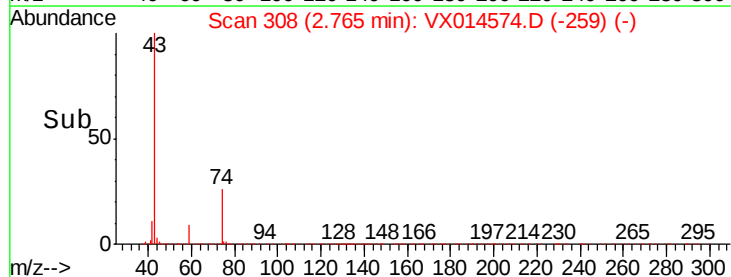
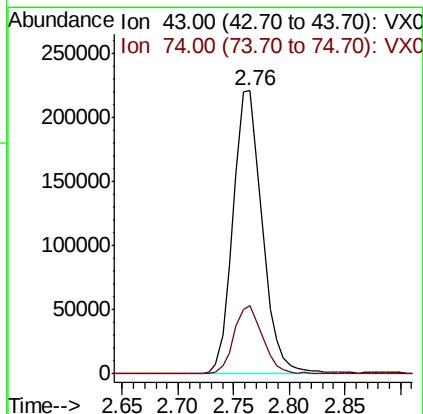
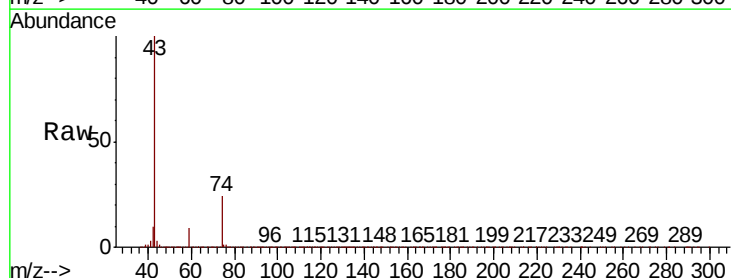
Acq: 11 Jan 2020 06:42

Tgt Ion: 43 Resp: 402786

Ion Ratio Lower Upper

43 100

74 24.1 19.4 29.2



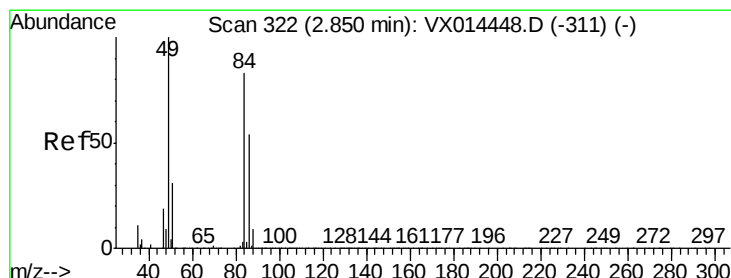
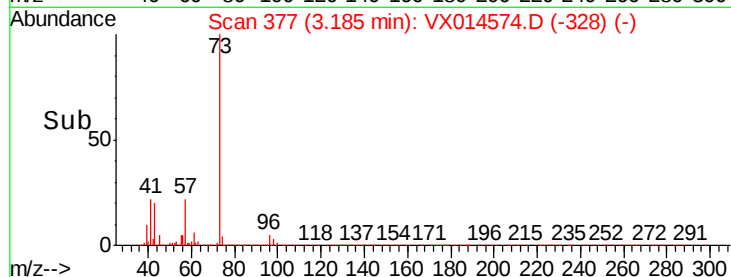
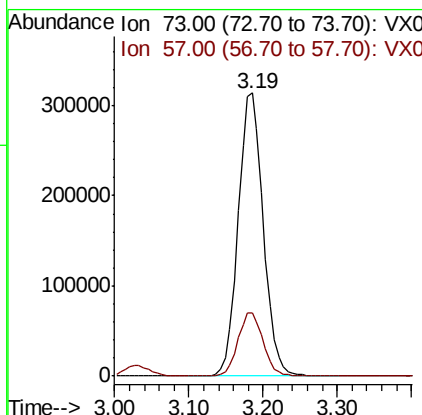
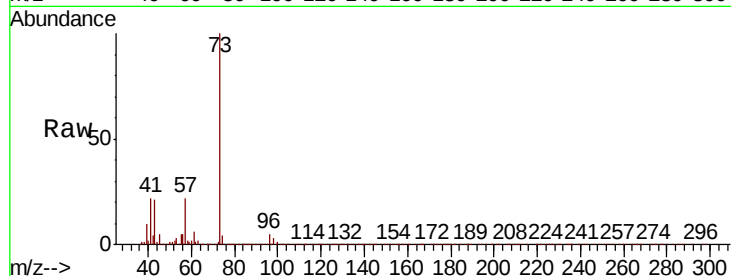


#19

Methyl tert-butyl Ether
Concen: 51.996 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

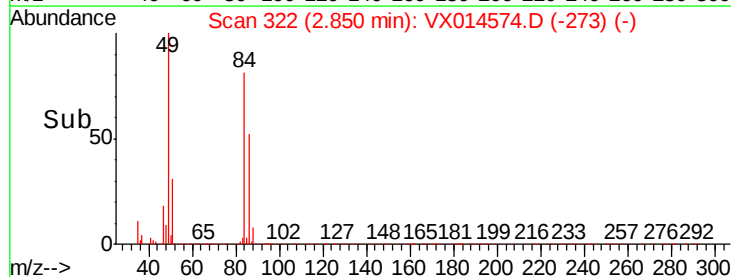
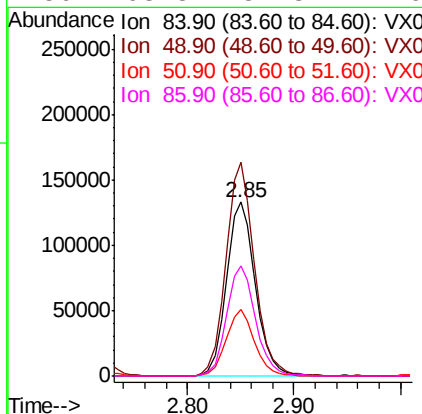
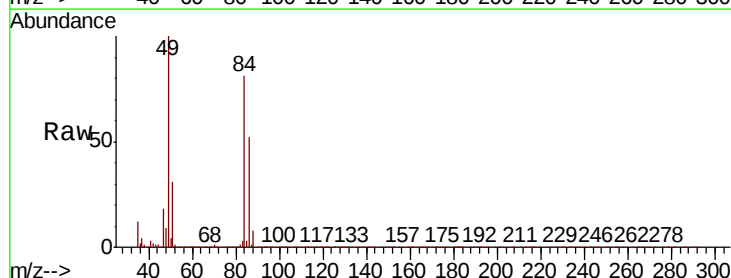
Tot Ion: 73 Resp: 738212
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8

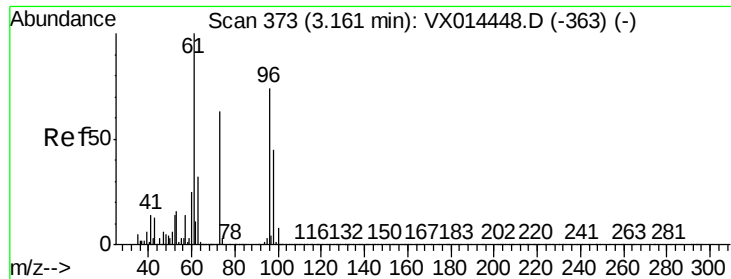


#20

Methylene Chloride
Concen: 50.157 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion: 84 Resp: 252235
Ion Ratio Lower Upper
84 100
49 122.9 95.8 143.8
51 37.9 30.2 45.4
86 63.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.538 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

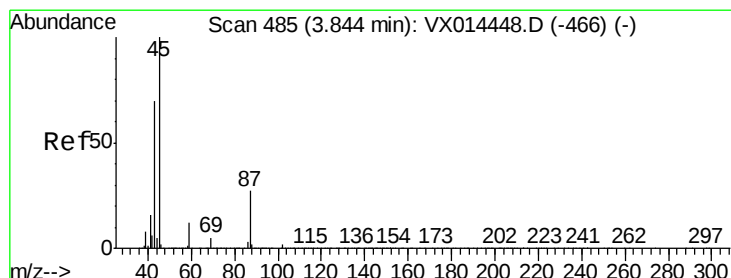
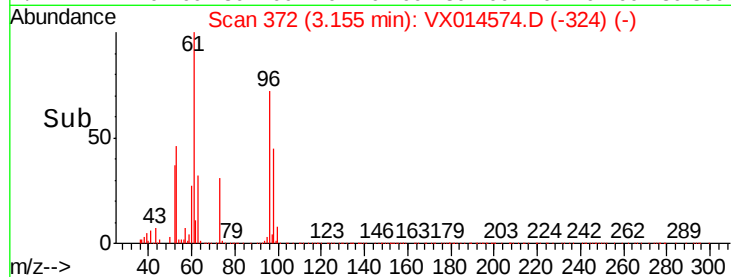
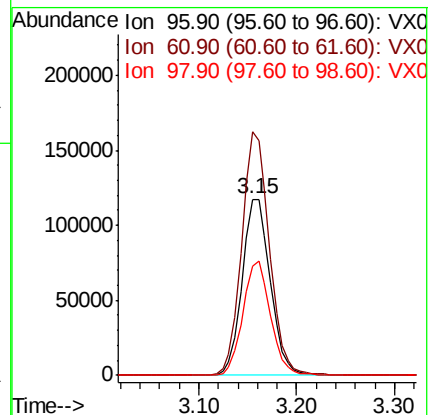
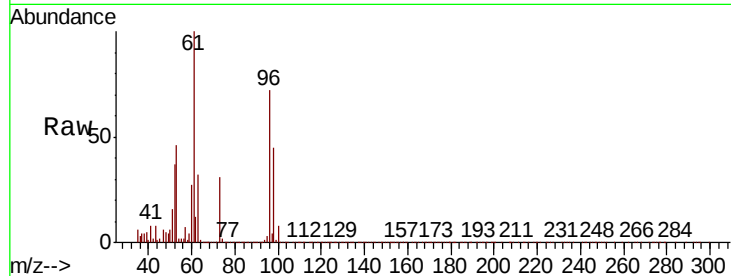
Tot Ion: 96 Resp: 234359

Ion Ratio Lower Upper

96 100

61 138.2 108.2 162.4

98 62.2 48.8 73.2



#22

Diisopropyl ether

Concen: 52.861 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion: 45 Resp: 793223

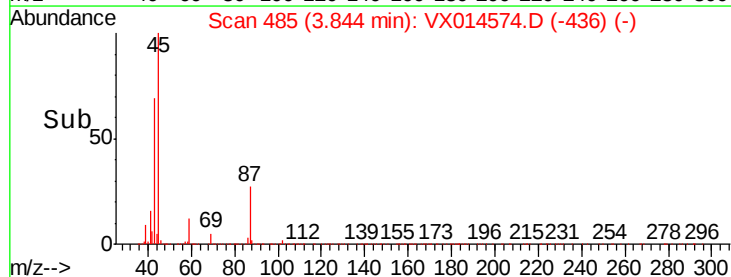
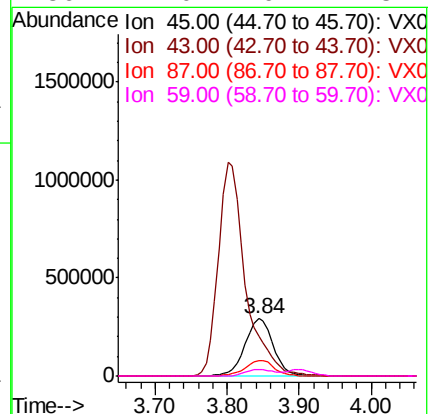
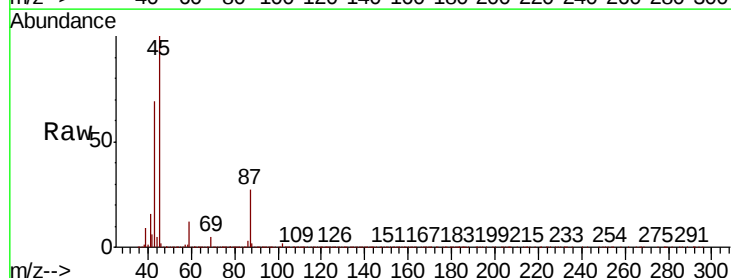
Ion Ratio Lower Upper

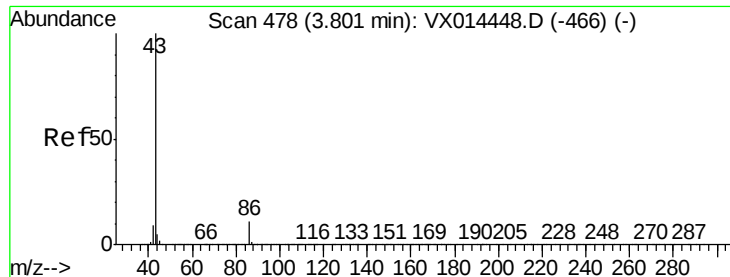
45 100

43 68.9 55.8 83.6

87 26.9 21.8 32.8

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 247.475 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

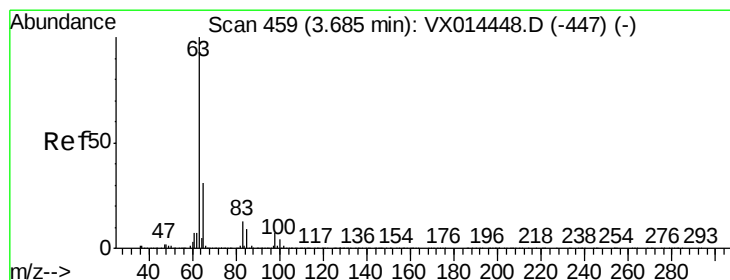
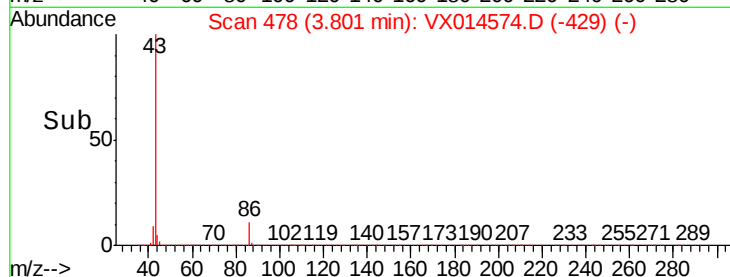
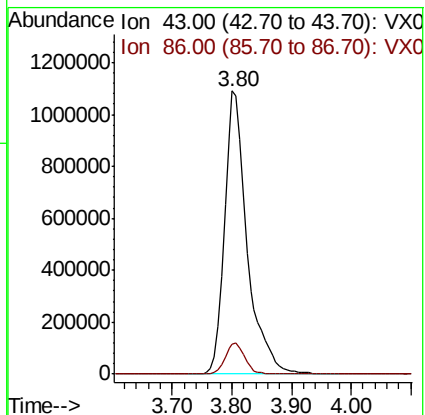
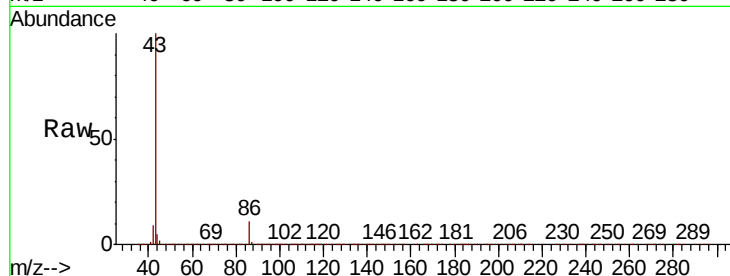
VSTDCCC050EC

Tot Ion: 43 Resp: 2875107

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



#24

1,1-Dichloroethane

Concen: 52.042 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

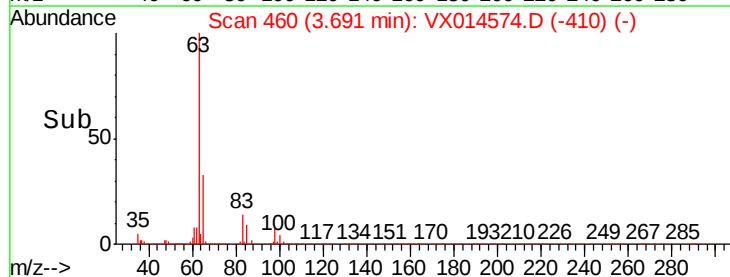
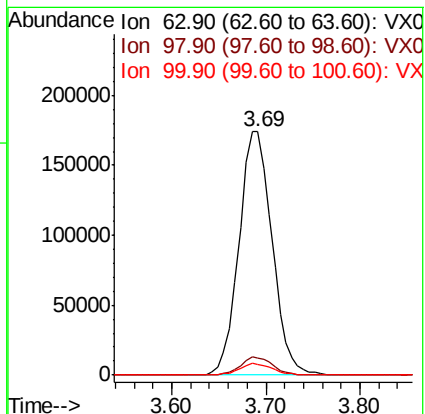
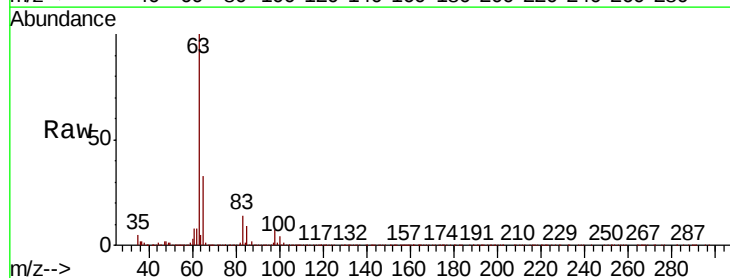
Tgt Ion: 63 Resp: 424824

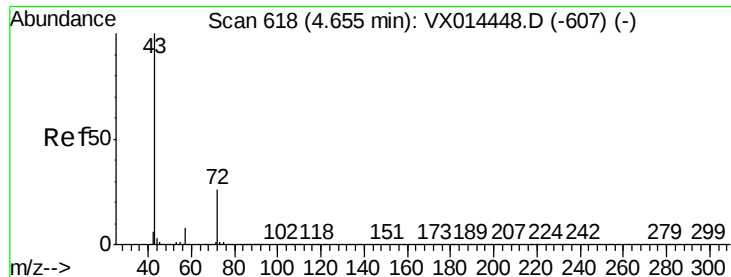
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 253.289 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

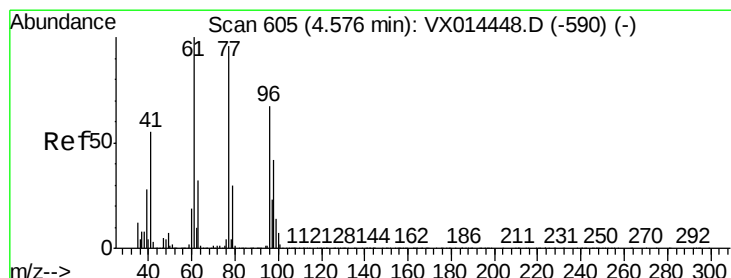
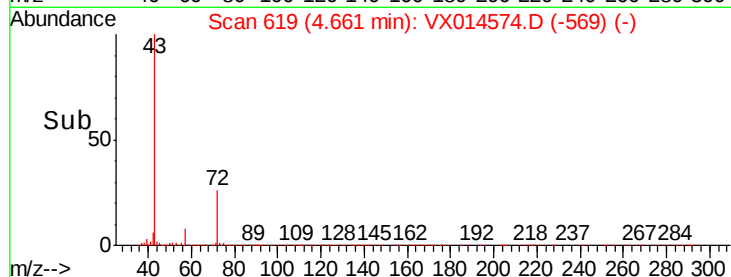
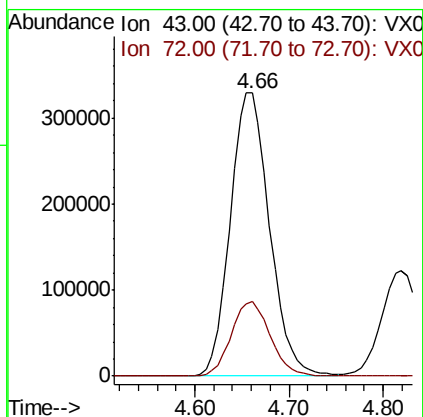
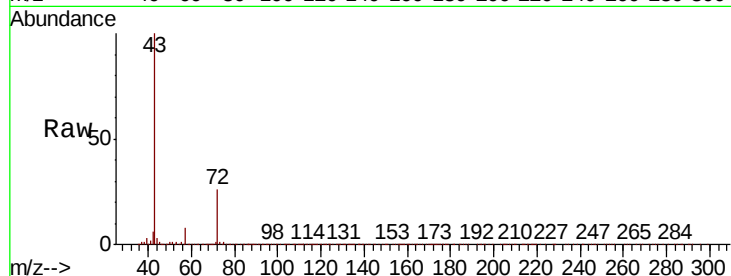
VSTDCCC050EC

Tot Ion: 43 Resp: 945809

Ion Ratio Lower Upper

43 100

72 26.1 20.6 31.0



#26

2,2-Dichloropropane

Concen: 33.935 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014574.D

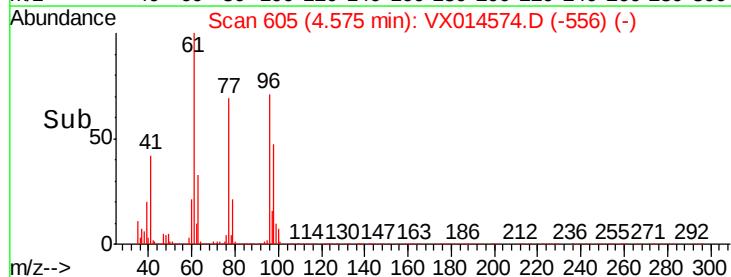
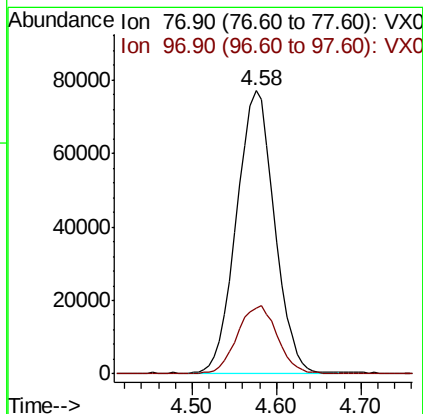
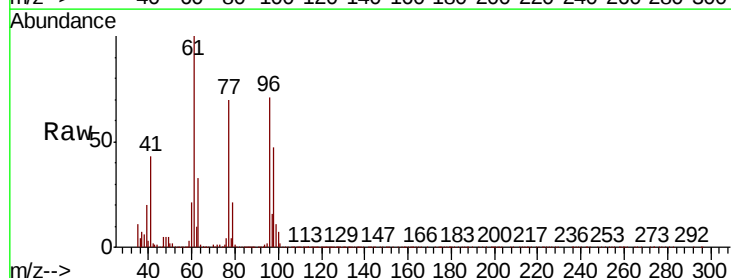
Acq: 11 Jan 2020 06:42

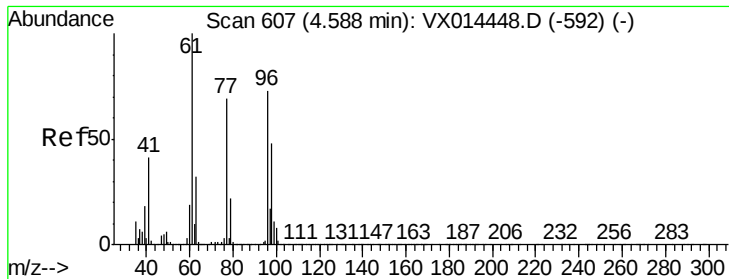
Tgt Ion: 77 Resp: 234660

Ion Ratio Lower Upper

77 100

97 25.7 11.7 35.1



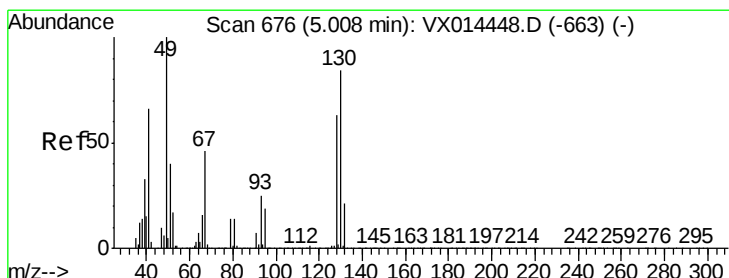
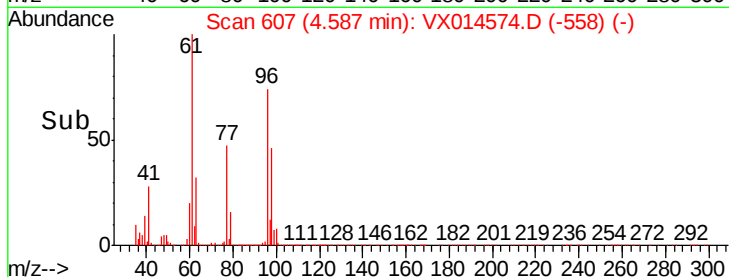
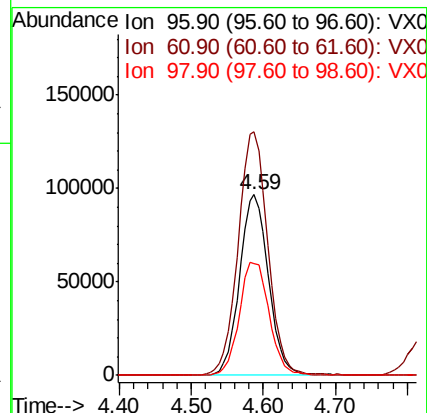
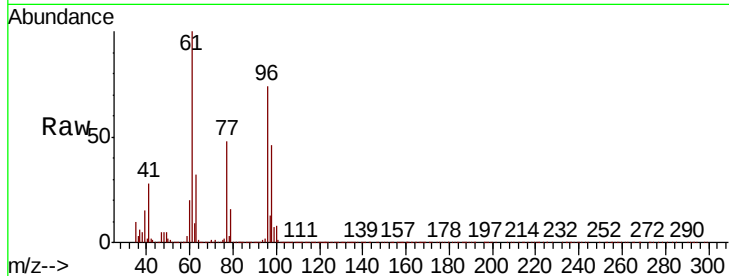


#27

cis-1,2-Dichloroethene
Concen: 49.637 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

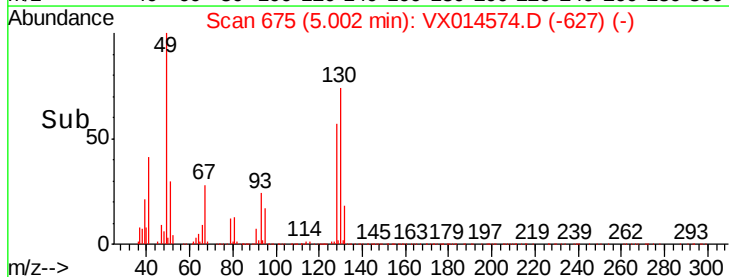
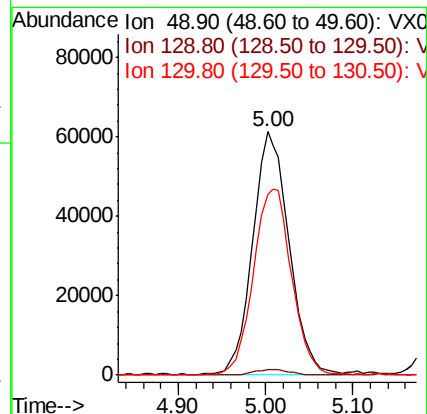
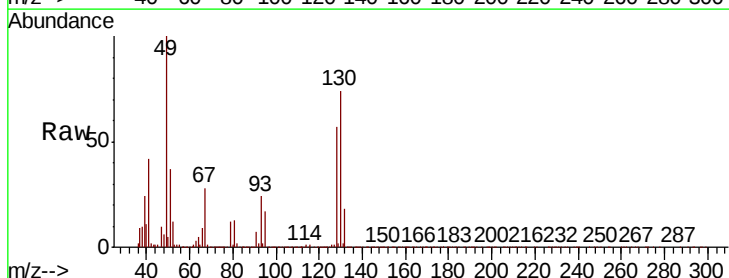
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	285.4
98	64.5	0.0	130.6

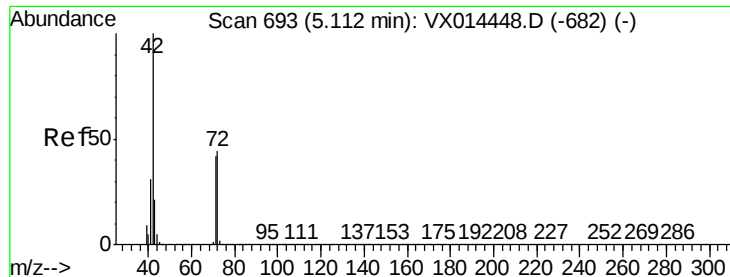


#28

Bromochloromethane
Concen: 51.827 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	79.9	67.0	100.4





#29

Tetrahydrofuran

Concen: 274.440 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

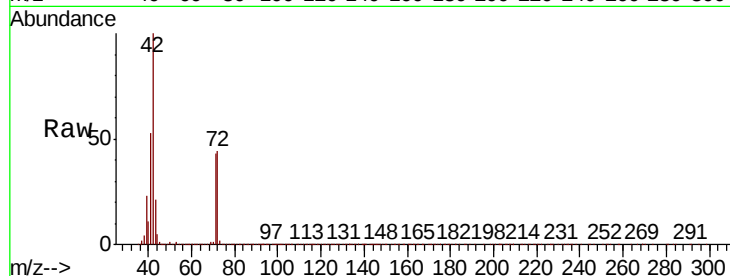
Tot Ion: 42 Resp: 605896

Ion Ratio Lower Upper

42 100

72 45.0 36.2 54.4

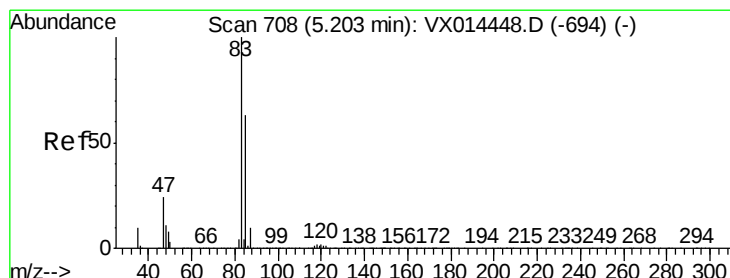
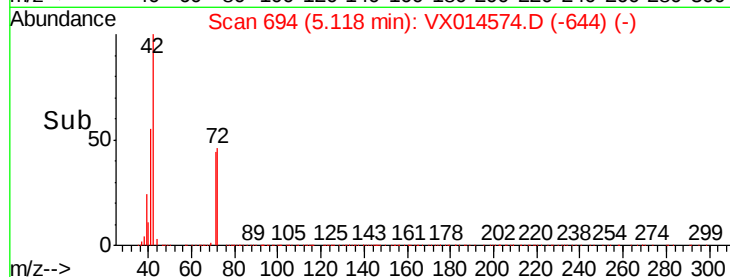
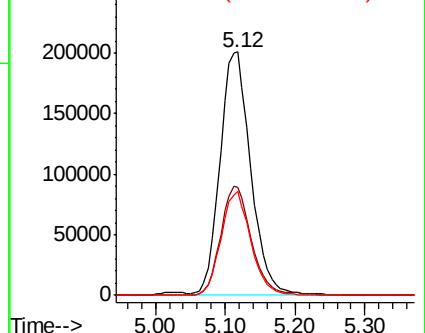
71 41.8 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.033 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014574.D

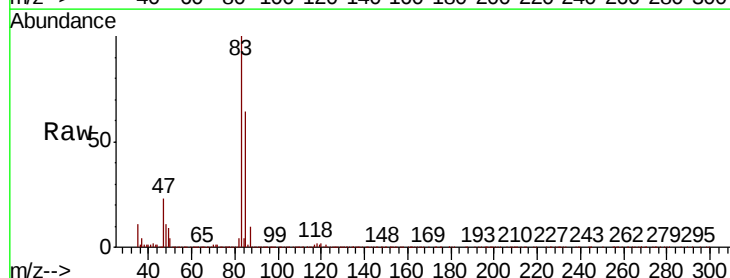
Acq: 11 Jan 2020 06:42

Tgt Ion: 83 Resp: 415054

Ion Ratio Lower Upper

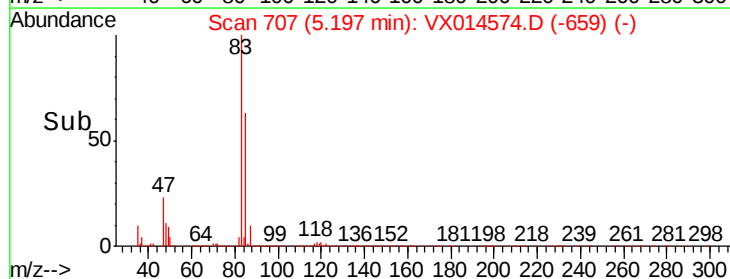
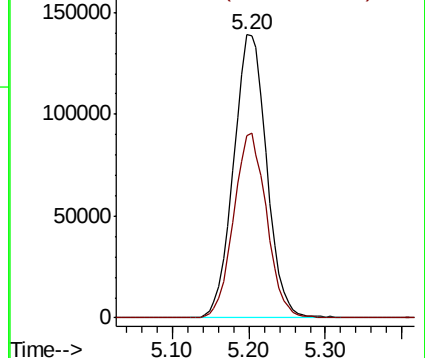
83 100

85 64.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.324 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

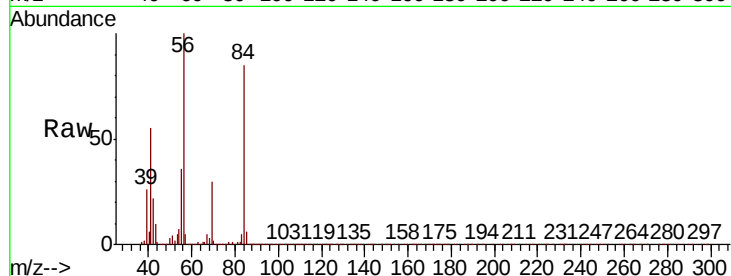
Tot Ion: 56 Resp: 392154

Ion Ratio Lower Upper

56 100

69 30.3 24.4 36.6

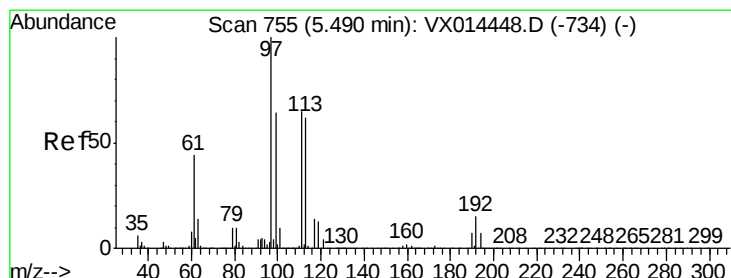
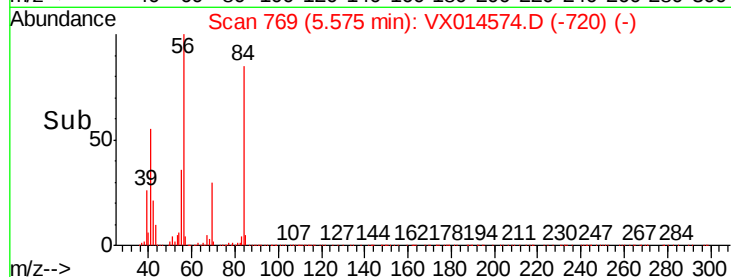
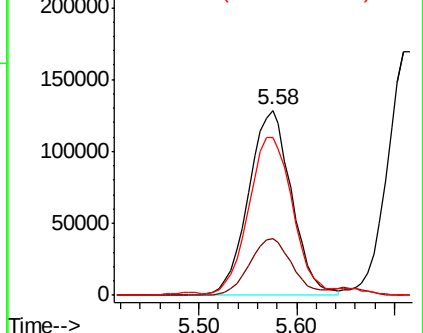
84 83.7 70.6 106.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.586 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

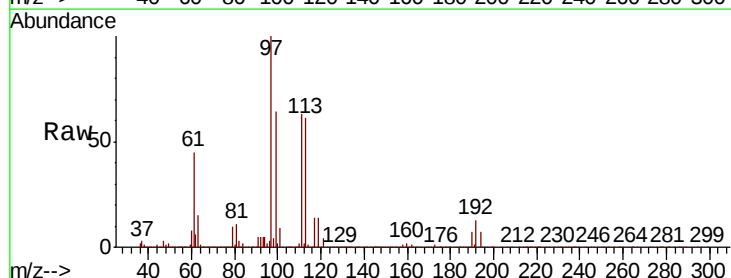
Tgt Ion: 97 Resp: 352227

Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.6

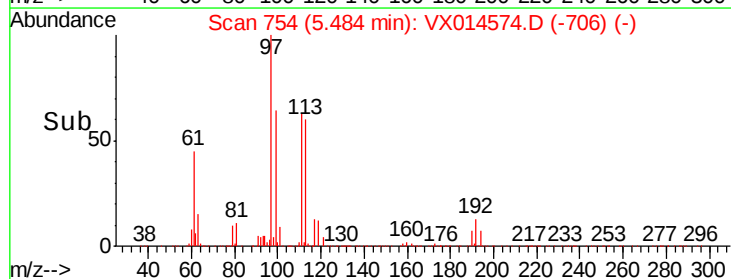
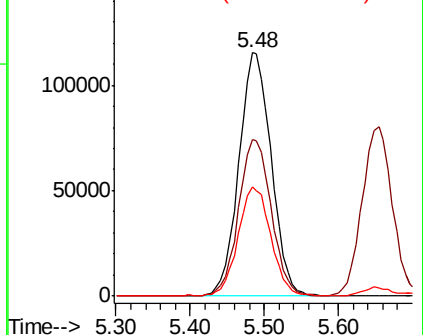
61 44.8 35.9 53.9

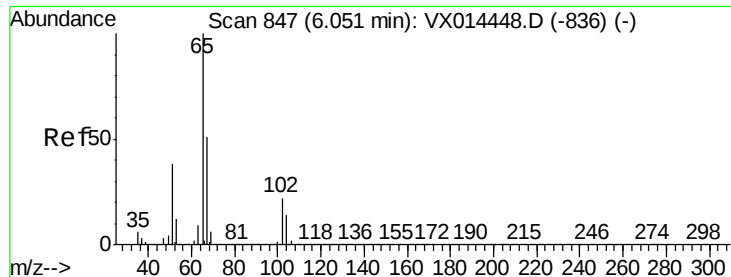


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.746 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

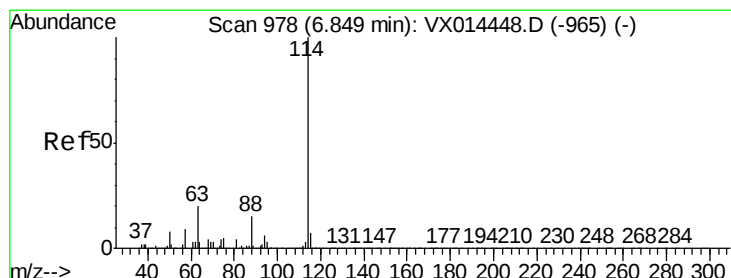
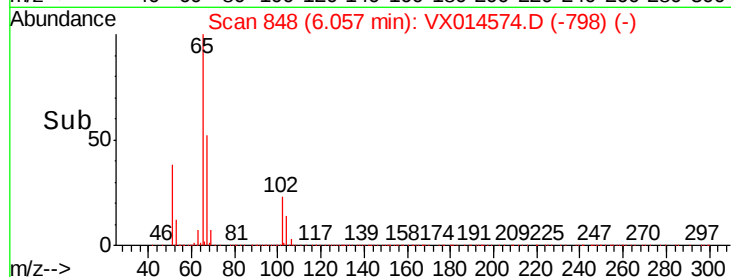
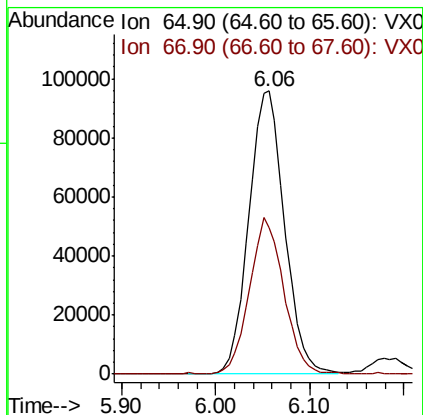
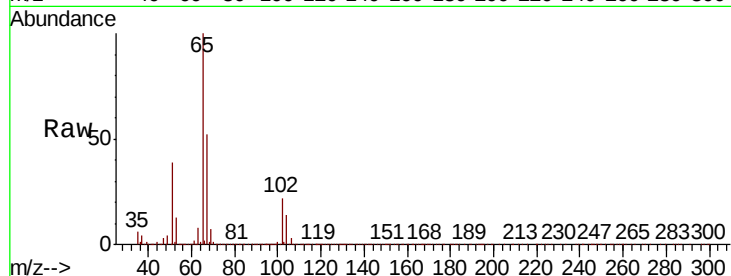
VSTDCCC050EC

Tot Ion: 65 Resp: 253680

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

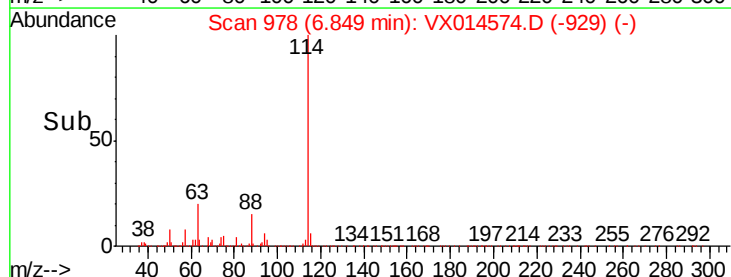
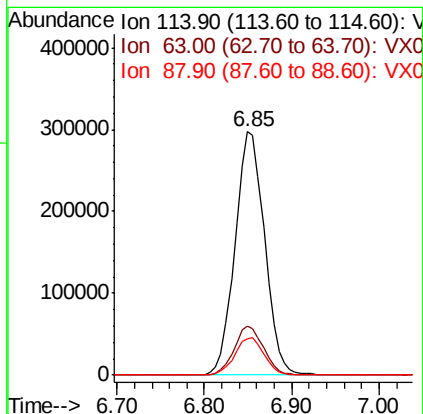
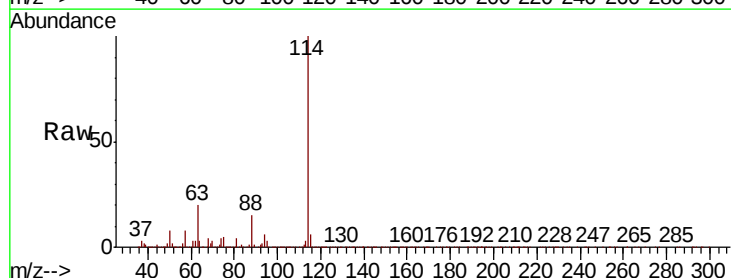
Tgt Ion: 114 Resp: 699716

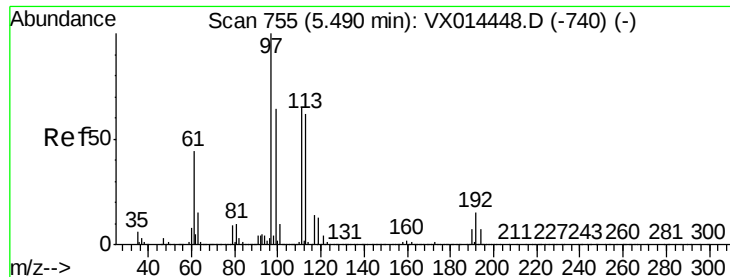
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.0 0.0 30.8

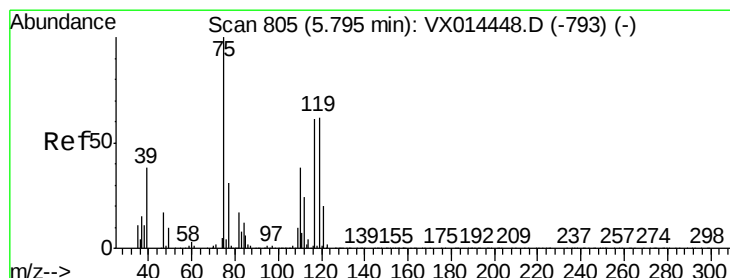
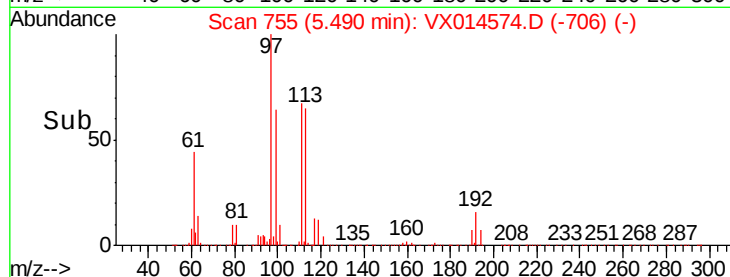
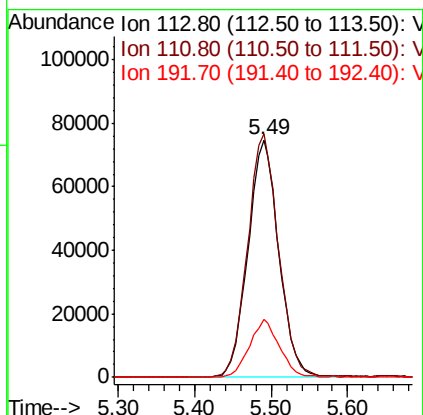
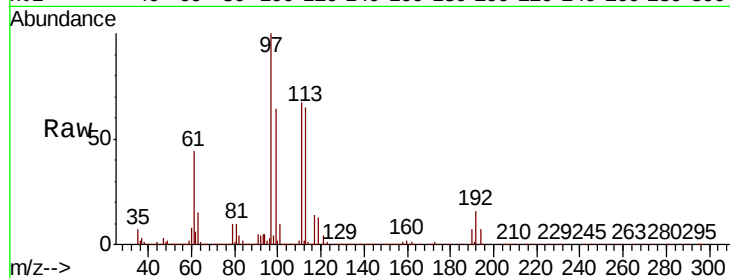




#35
Dibromofluoromethane
Concen: 49.306 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

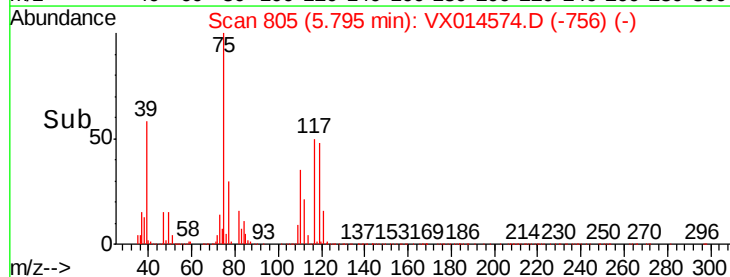
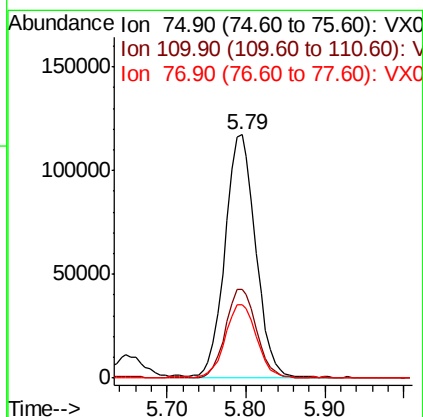
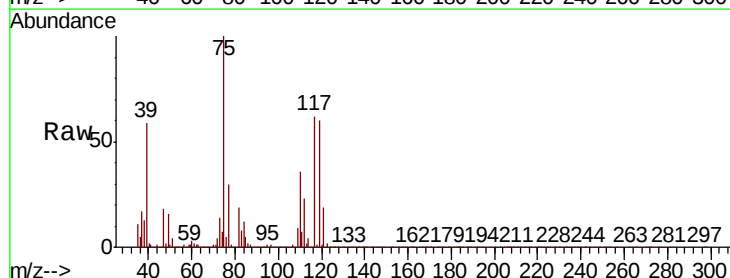
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

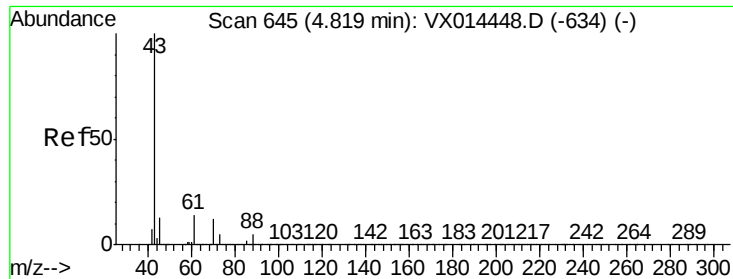
Tot Ion:113 Resp: 208846
Ion Ratio Lower Upper
113 100
111 103.2 81.5 122.3
192 23.9 19.2 28.8



#36
1,1-Dichloropropene
Concen: 47.974 ug/l
RT: 5.79 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion: 75 Resp: 315675
Ion Ratio Lower Upper
75 100
110 37.0 18.6 55.8
77 30.7 24.5 36.7

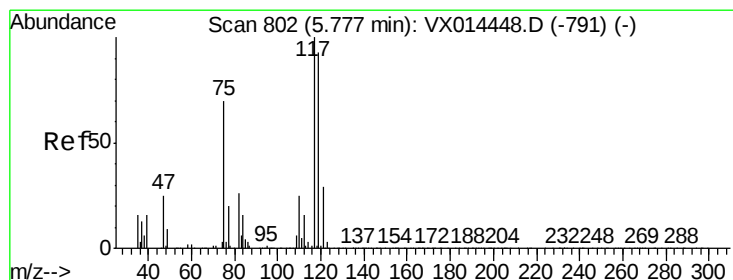
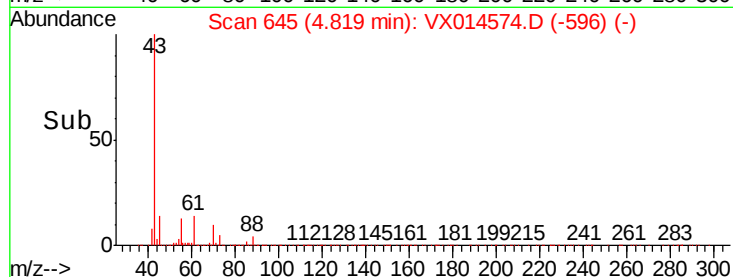
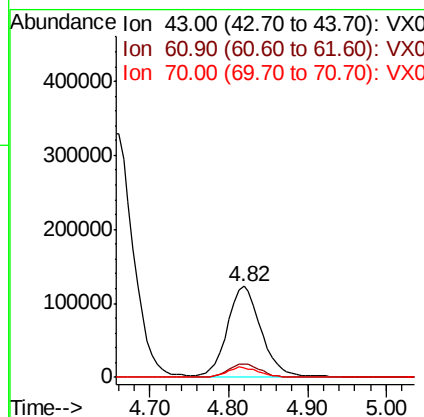
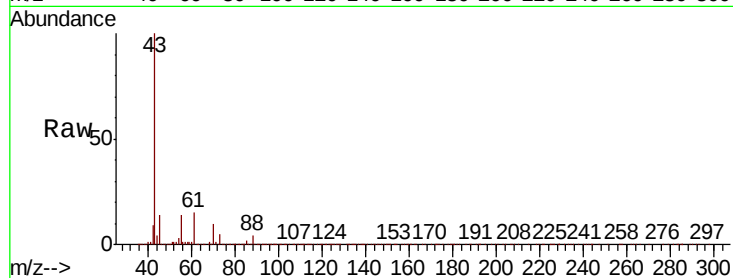




#37
Ethyl Acetate
Concen: 50.712 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

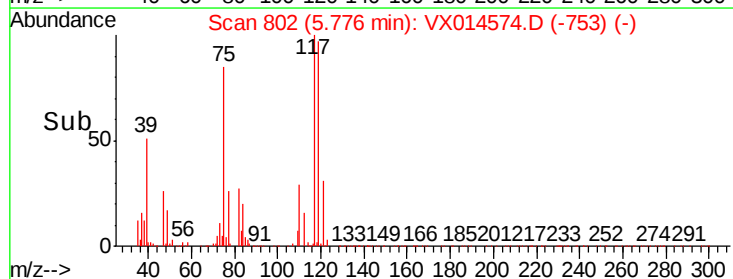
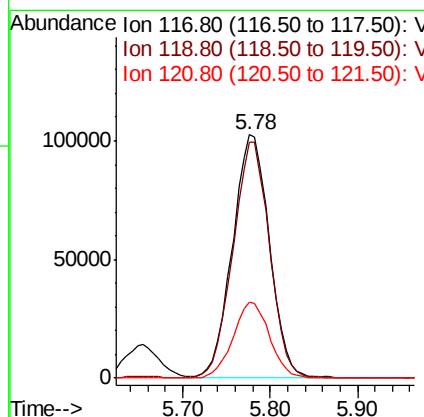
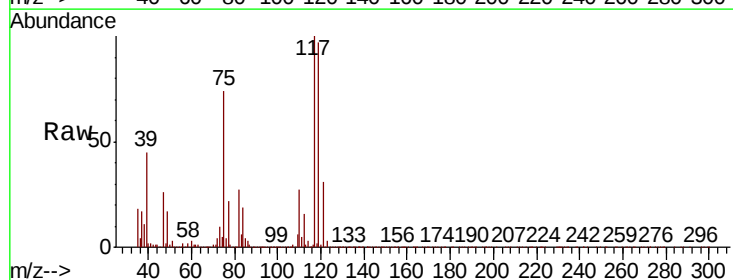
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

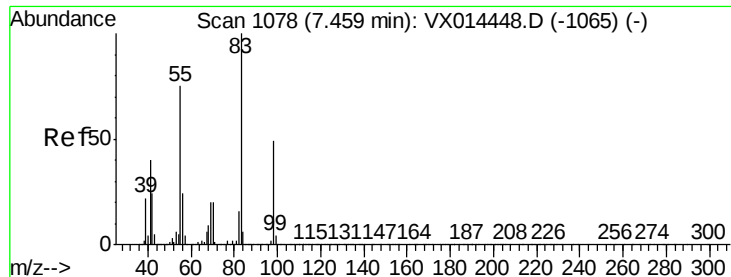
Tot Ion: 43 Resp: 362462
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.450 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion: 117 Resp: 299432
Ion Ratio Lower Upper
117 100
119 97.1 73.8 110.8
121 31.0 23.4 35.0

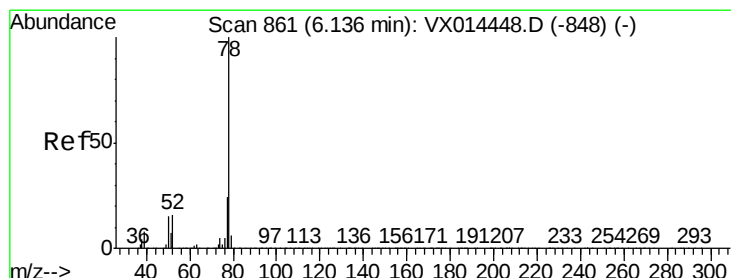
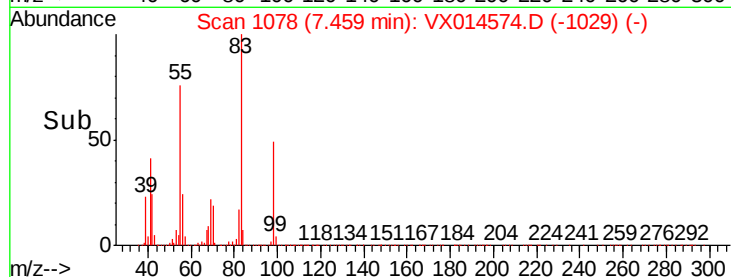
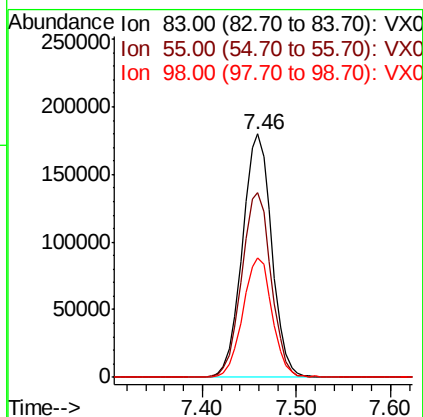
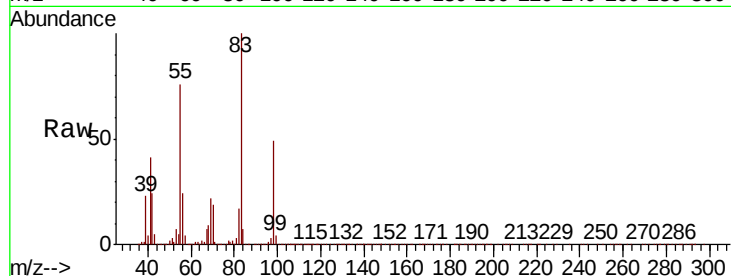




#39
Methvlcvclohexane
Concen: 47.249 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

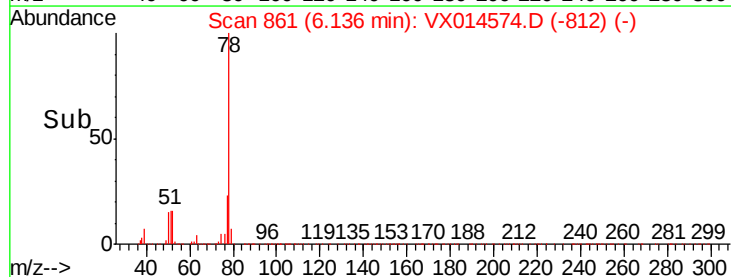
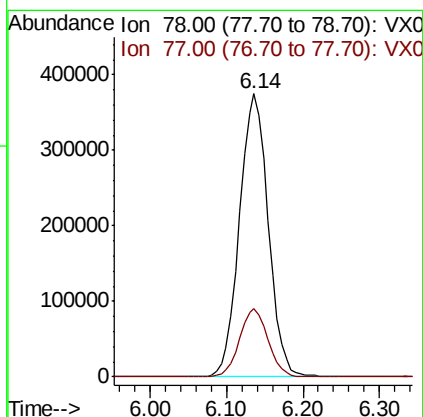
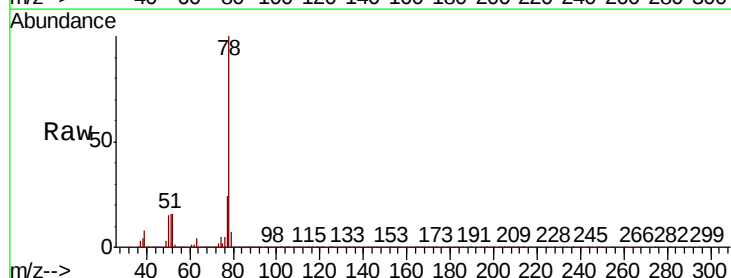
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

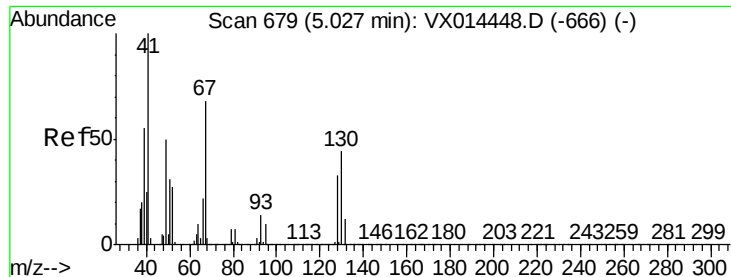
Tot Ion: 83 Resp: 390606
Ion Ratio Lower Upper
83 100
55 75.6 59.7 89.5
98 48.9 39.1 58.7



#40
Benzene
Concen: 50.049 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion: 78 Resp: 977456
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3

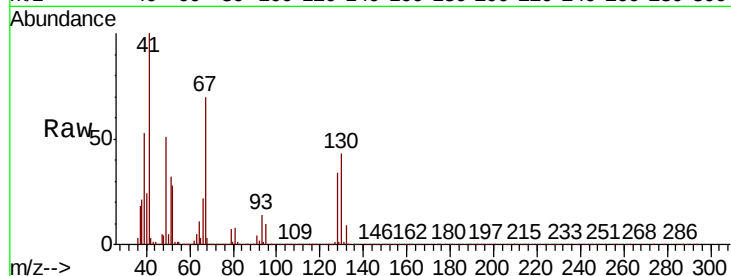




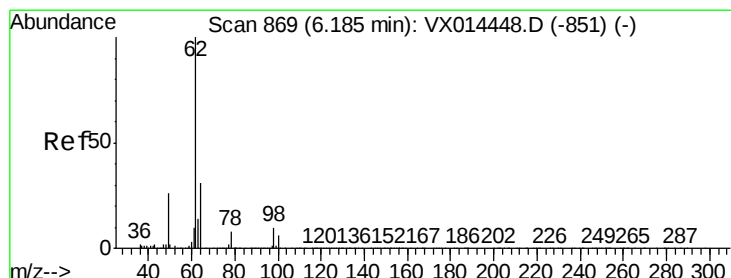
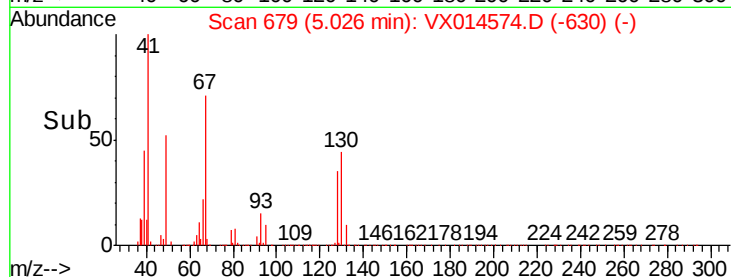
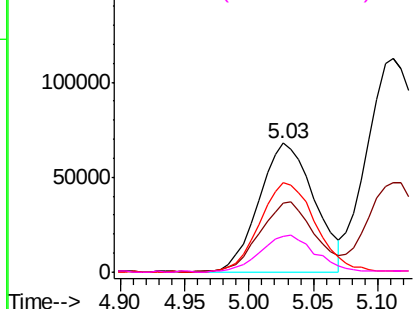
#41
Methacrylonitrile
Concen: 52.855 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	201460
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.6	65.4
67	71.2	57.9	86.9
52	28.4	23.0	34.6

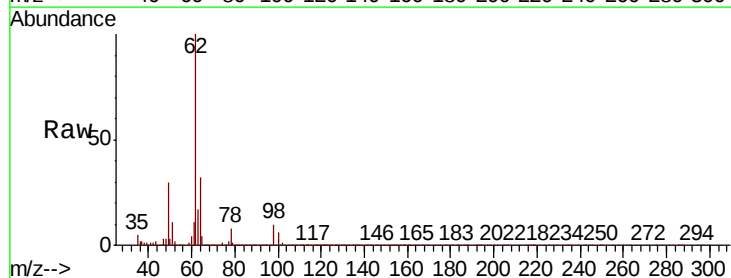


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

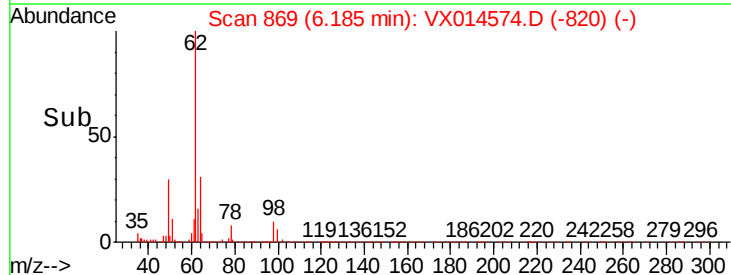
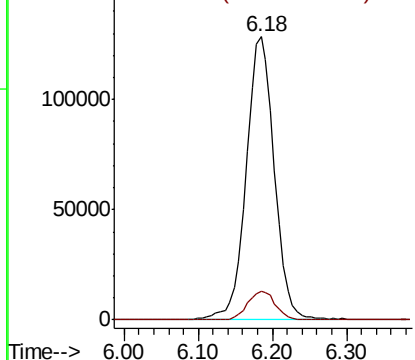


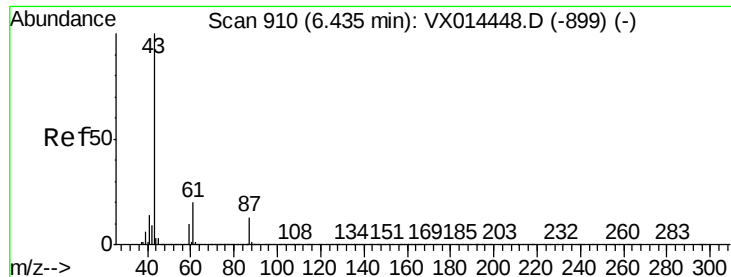
#42
1,2-Dichloroethane
Concen: 49.631 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion:	62	Resp:	338902
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 51.486 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

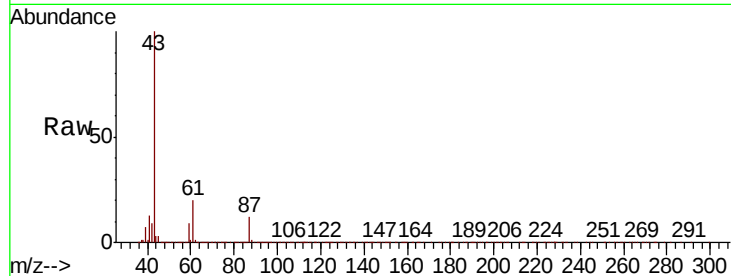
Tot Ion: 43 Resp: 594471

Ion Ratio Lower Upper

43 100

61 20.0 16.6 24.8

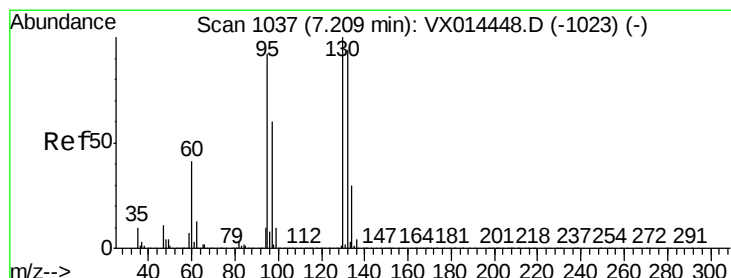
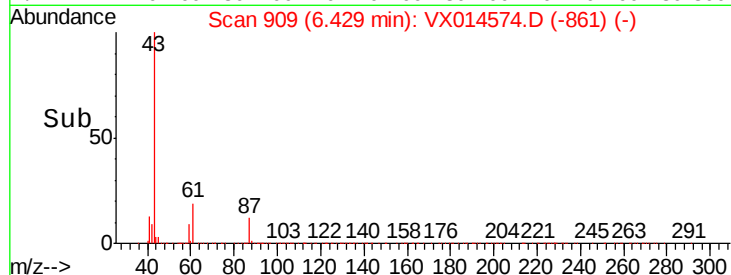
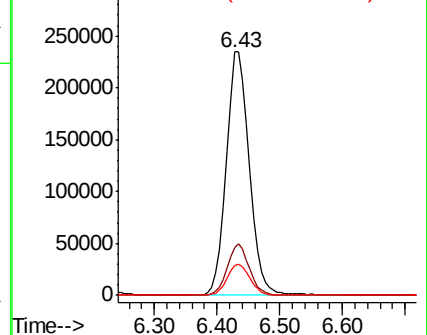
87 12.7 10.8 16.2



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: 48.650 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014574.D

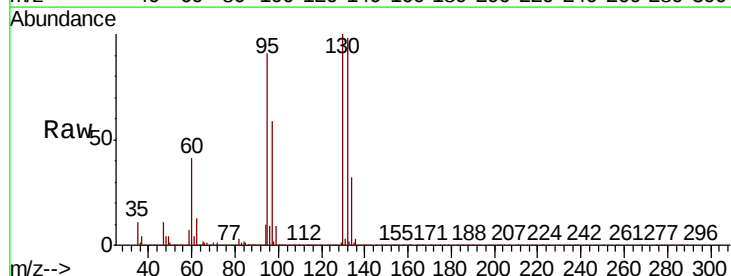
Acq: 11 Jan 2020 06:42

Tgt Ion: 130 Resp: 273044

Ion Ratio Lower Upper

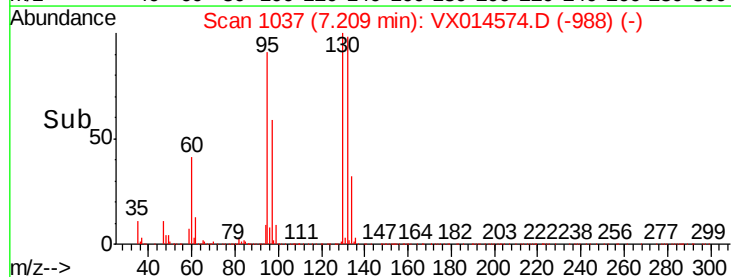
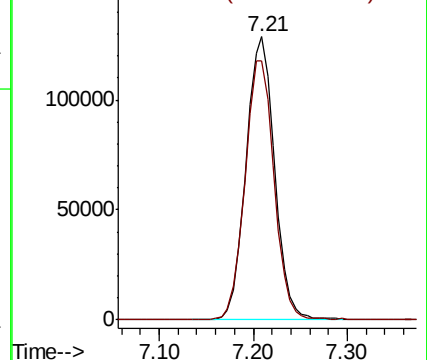
130 100

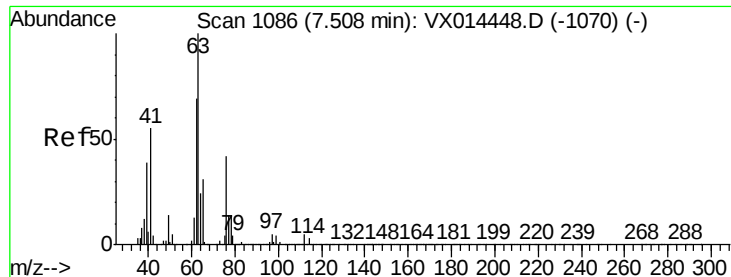
95 91.1 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

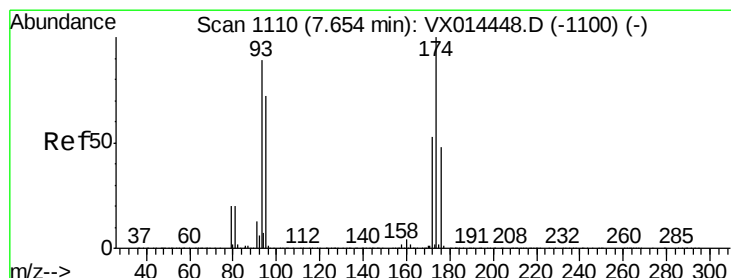
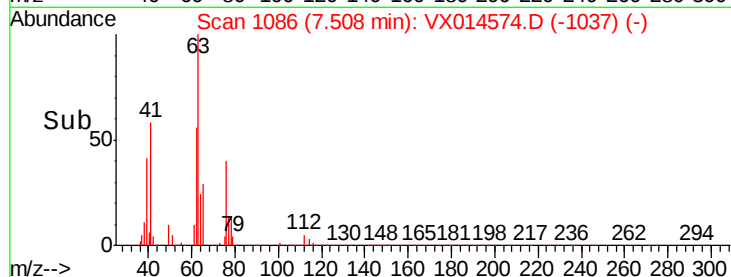
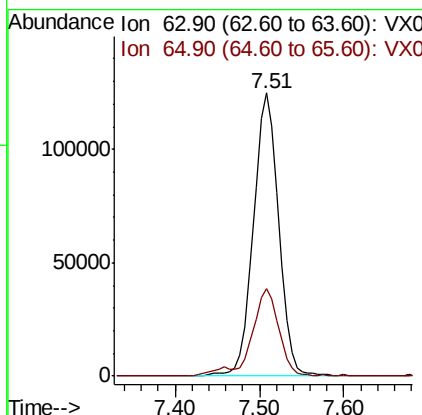
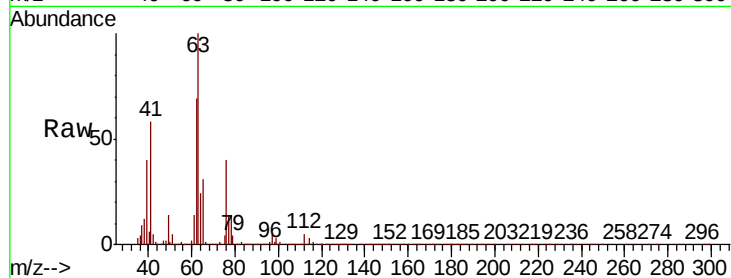




#45
 1,2-Dichloropropane
 Concen: 50.860 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

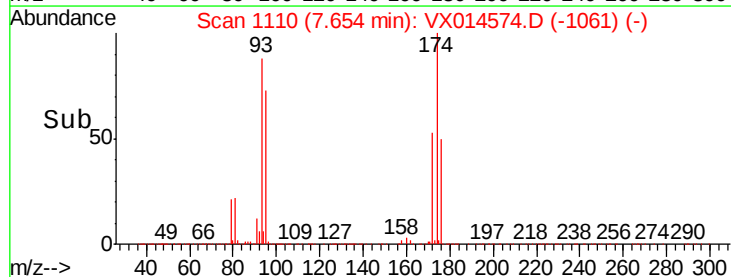
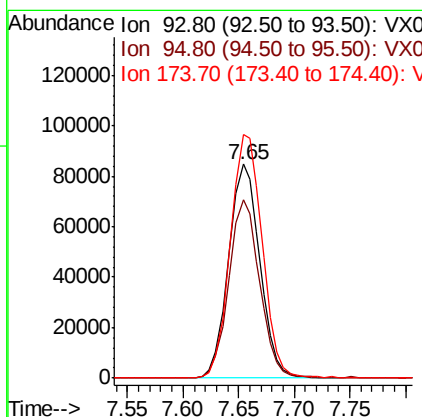
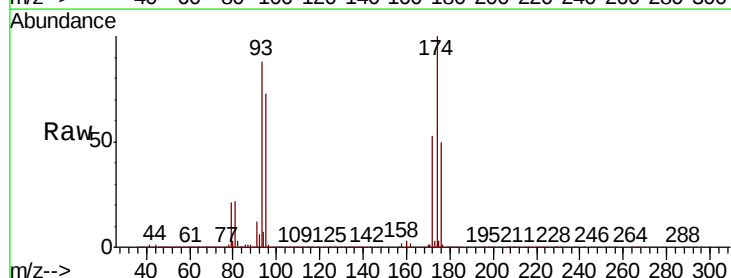
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

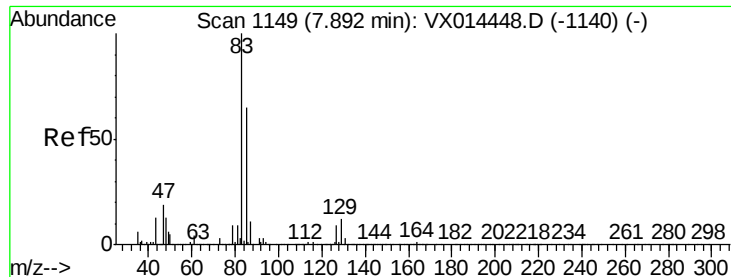
Tot Ion: 63 Resp: 253238
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2



#46
 Dibromomethane
 Concen: 47.533 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

Tgt Ion: 93 Resp: 165189
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.4 98.2
 174 116.0 93.0 139.4





#47

Bromodichloromethane

Concen: 51.179 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

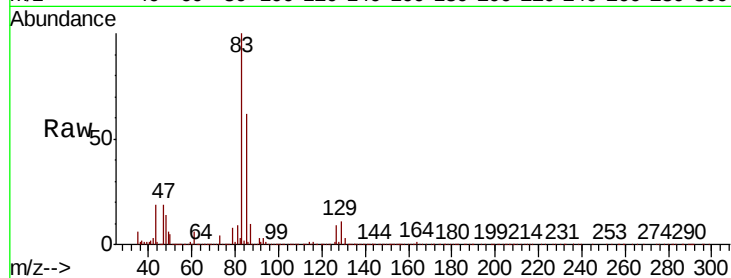
Tot Ion: 83 Resp: 323632

Ion Ratio Lower Upper

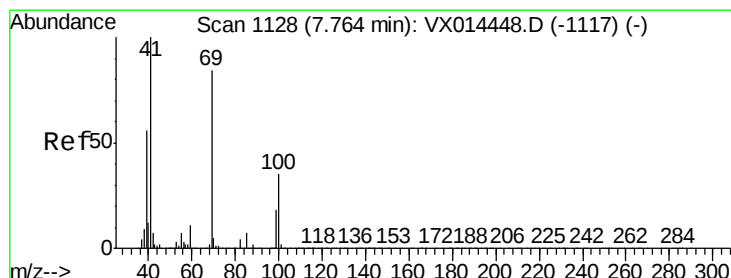
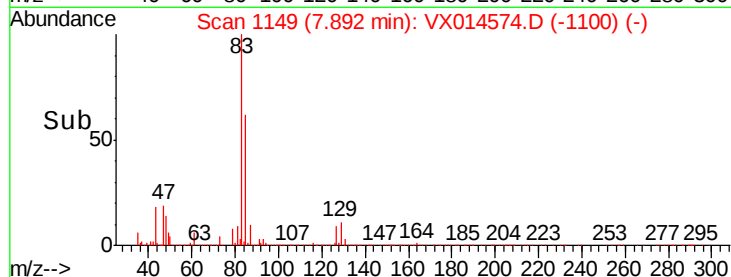
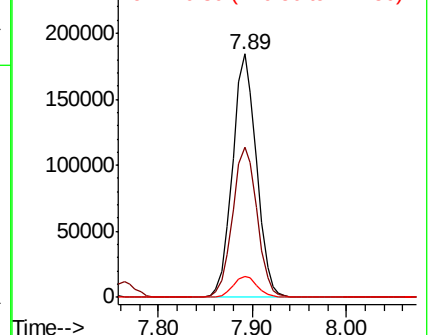
83 100

85 61.9 51.7 77.5

127 8.6 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.717 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

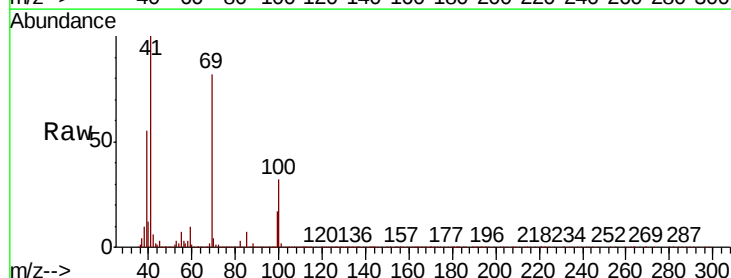
Tgt Ion: 41 Resp: 291527

Ion Ratio Lower Upper

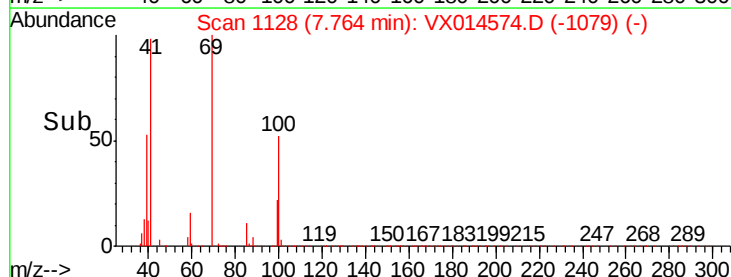
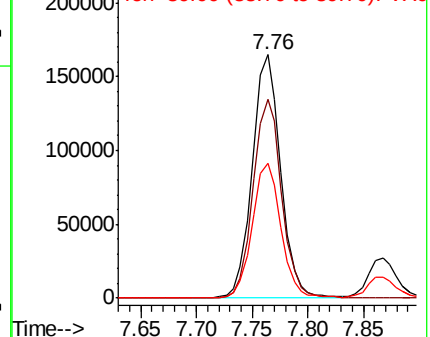
41 100

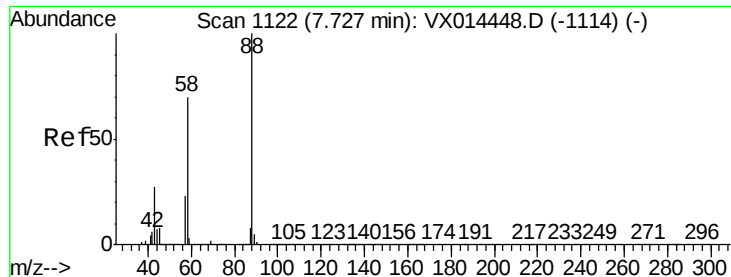
69 82.5 65.5 98.3

39 55.7 43.9 65.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1031.489 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

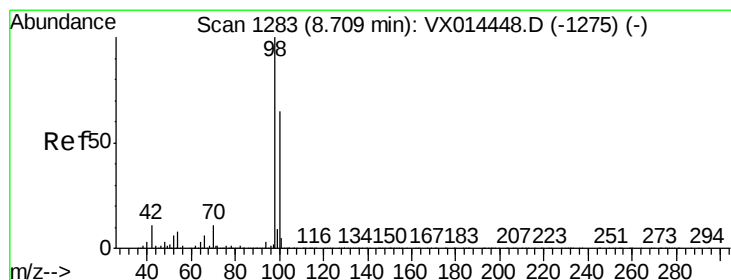
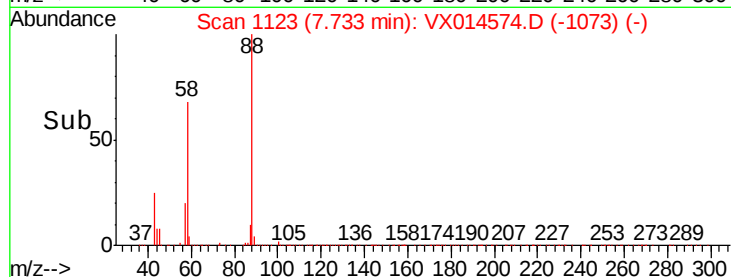
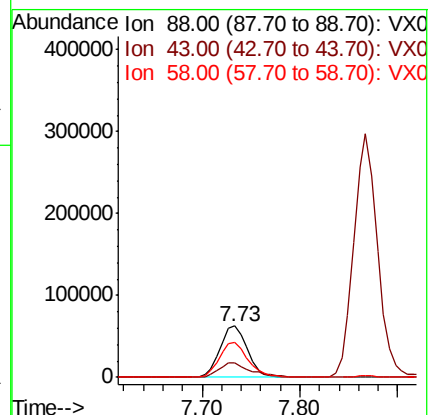
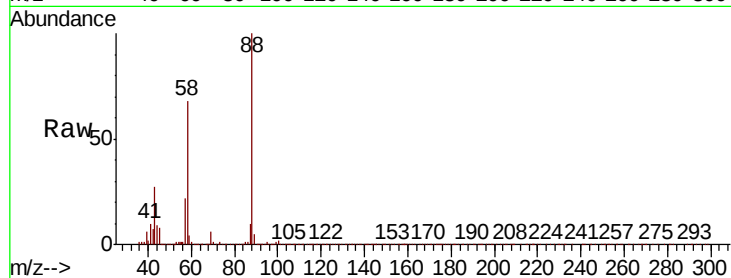
Tot Ion: 88 Resp: 120865

Ion Ratio Lower Upper

88 100

43 32.9 27.4 41.0

58 71.0 57.1 85.7



#50

Toluene-d8

Concen: 49.186 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014574.D

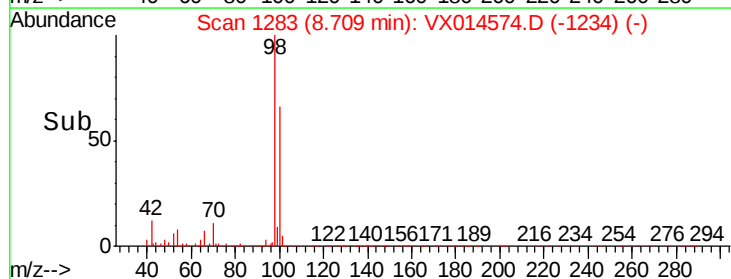
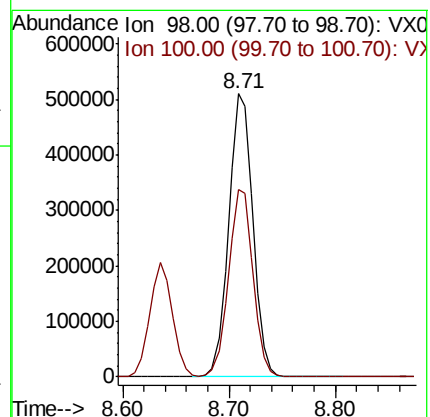
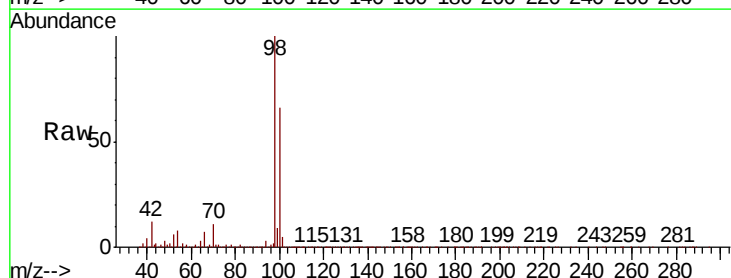
Acq: 11 Jan 2020 06:42

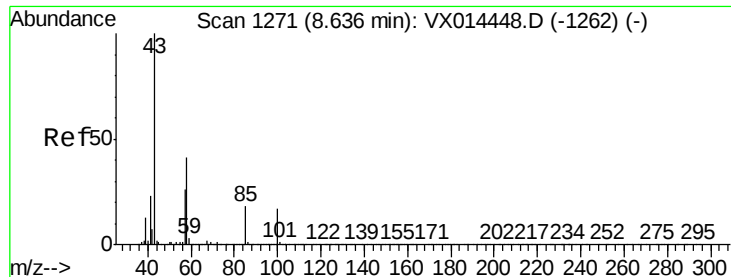
Tgt Ion: 98 Resp: 808486

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 266.193 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

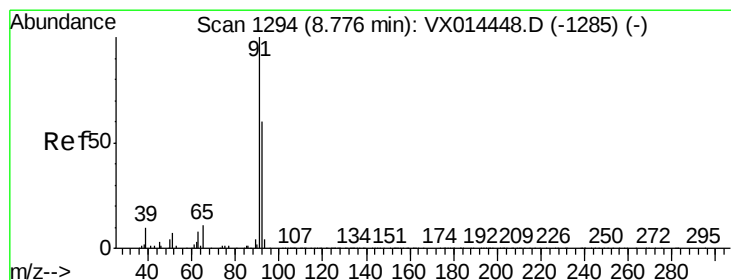
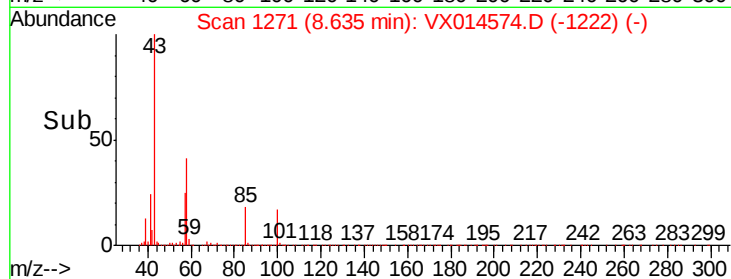
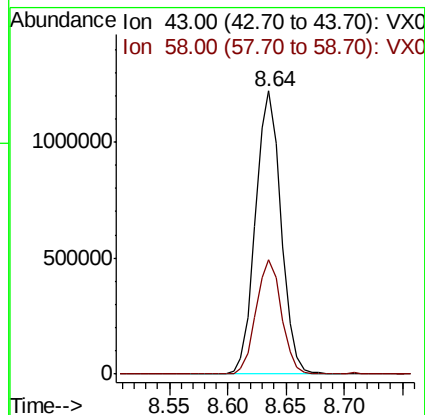
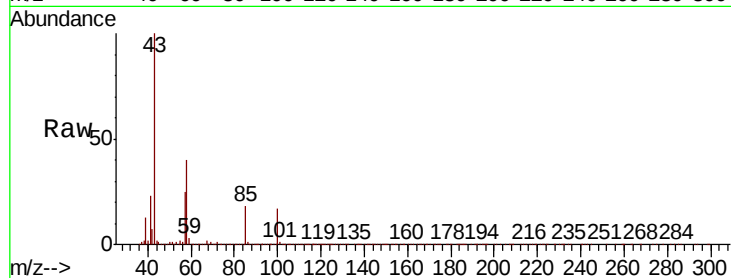
VSTDCCC050EC

Tot Ion: 43 Resp: 1872913

Ion Ratio Lower Upper

43 100

58 40.3 32.4 48.6



#52

Toluene

Concen: 49.065 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014574.D

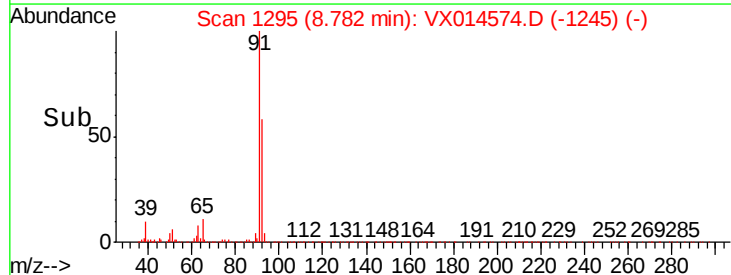
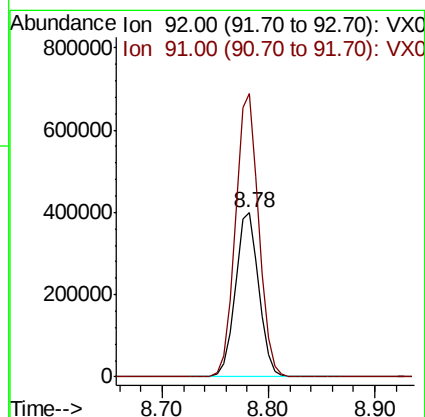
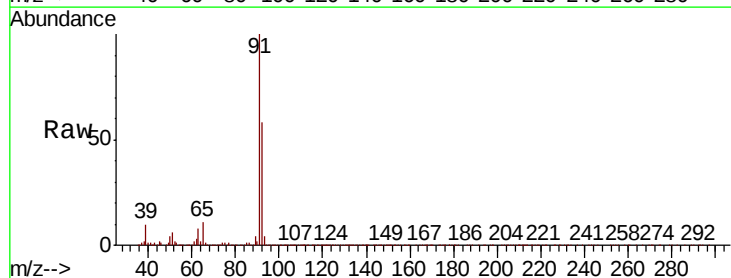
Acq: 11 Jan 2020 06:42

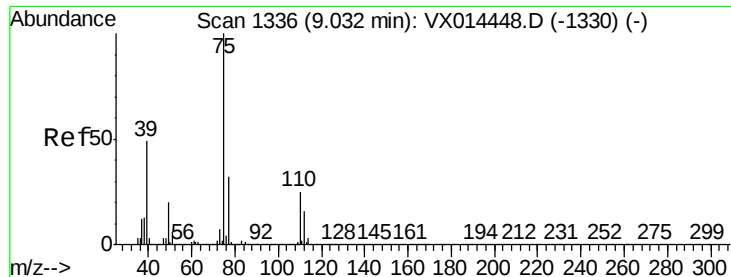
Tgt Ion: 92 Resp: 613407

Ion Ratio Lower Upper

92 100

91 172.0 135.7 203.5

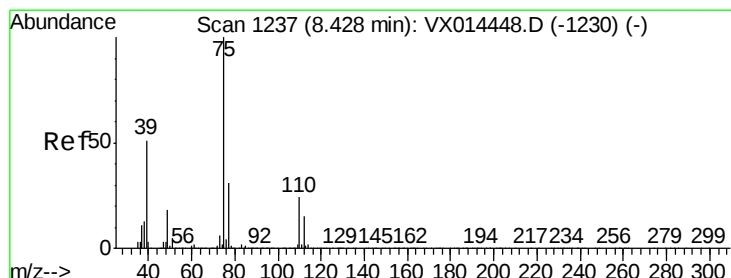
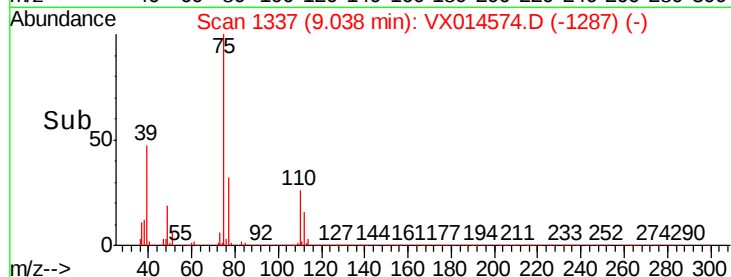
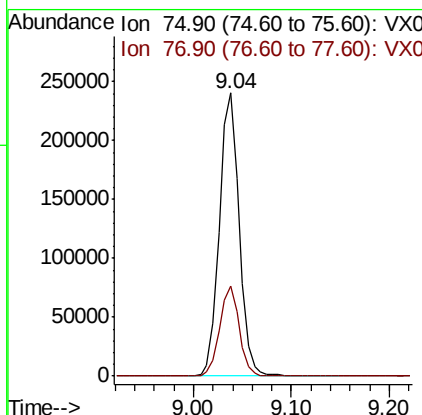
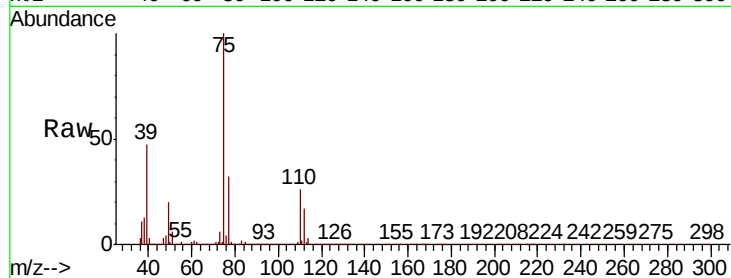




#53
 t-1,3-Dichloropropene
 Concen: 45.729 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

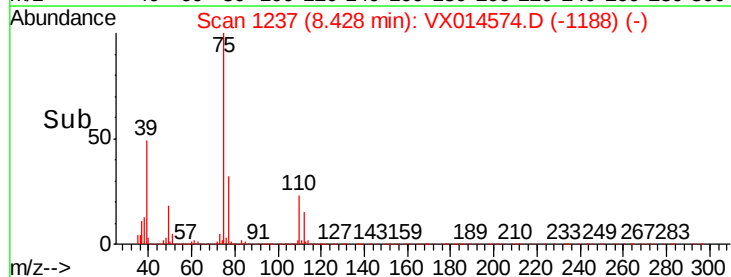
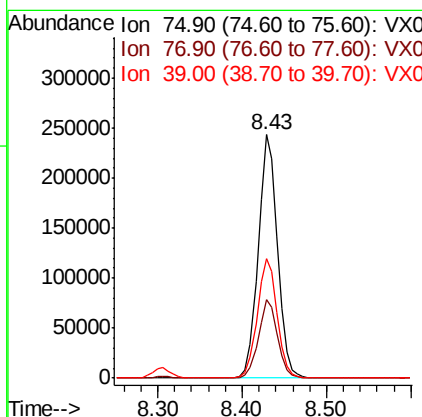
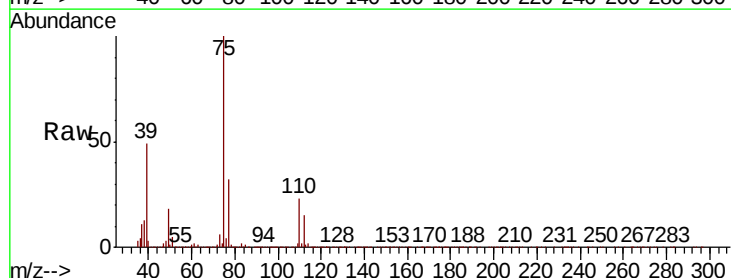
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 336660
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.646 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

Tgt Ion: 75 Resp: 378921
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4
 39 49.1 40.7 61.1

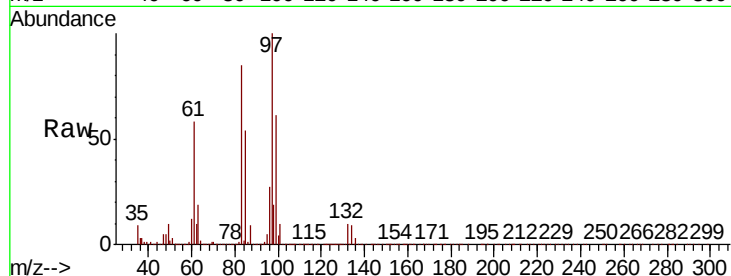




#55
1,1,2-Trichloroethane
Concen: 49.634 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	249239
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.4	99.6
85	53.9	43.4	65.2
99	61.1	49.6	74.4



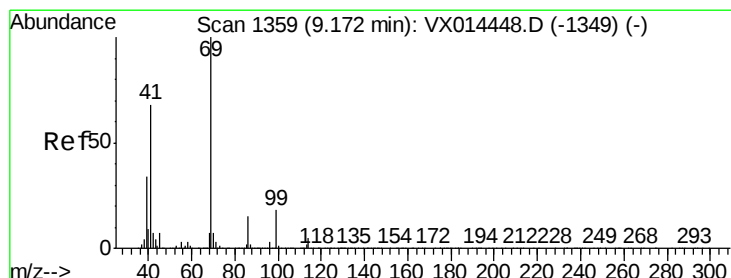
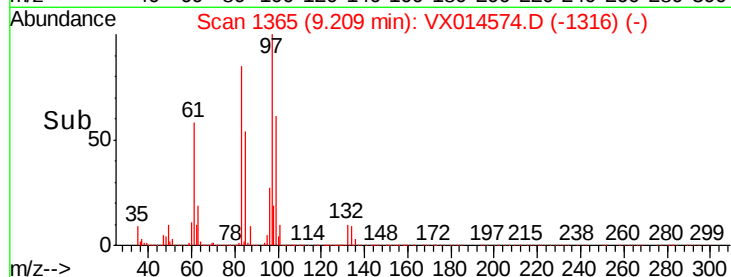
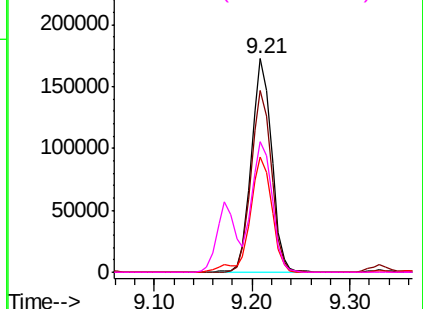
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

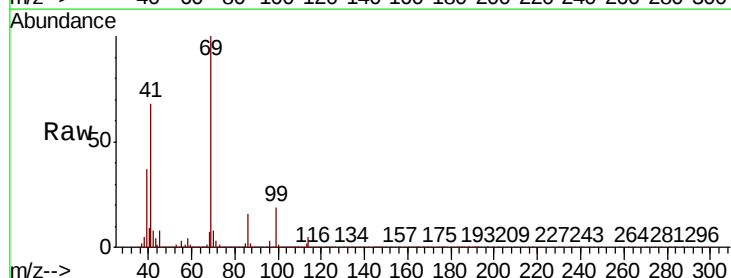
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 52.634 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion:	69	Resp:	404926
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.2	81.2
39	36.2	28.2	42.2

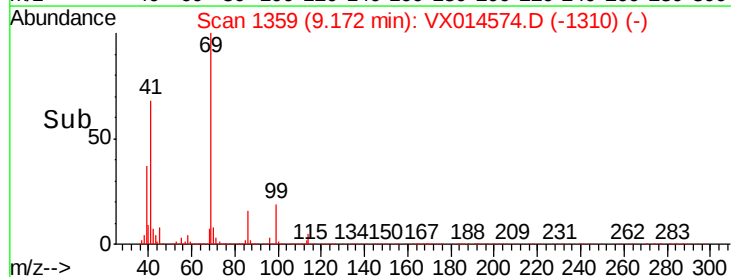
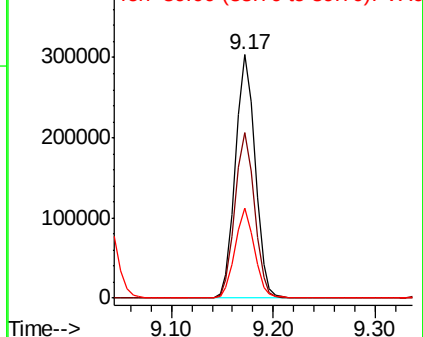


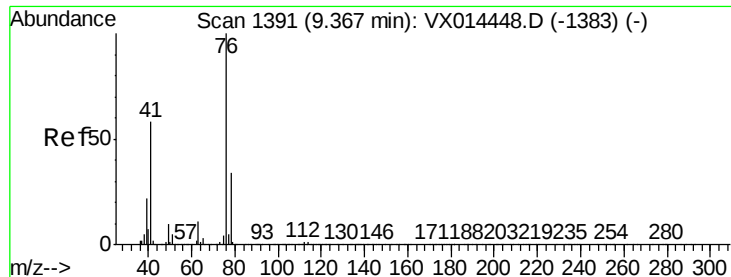
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.485 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

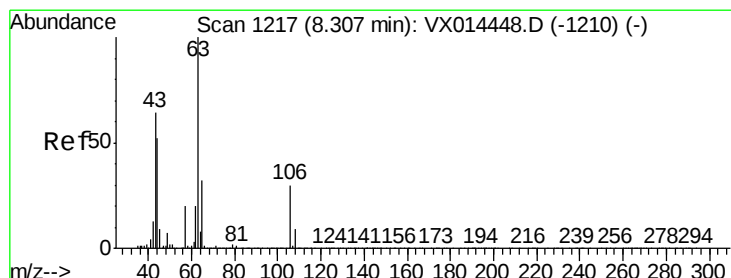
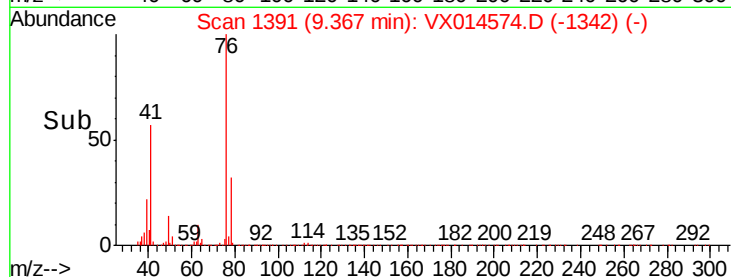
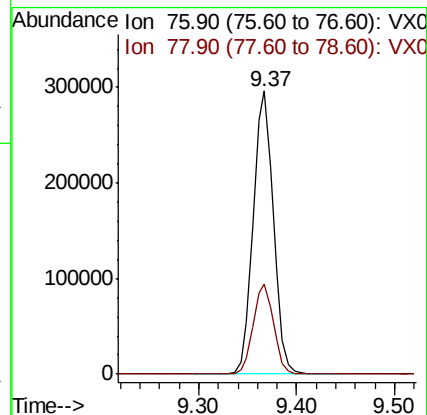
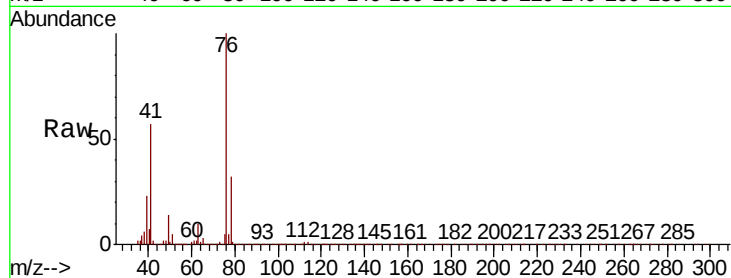
VSTDCCC050EC

Tot Ion: 76 Resp: 423876

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 264.124 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014574.D

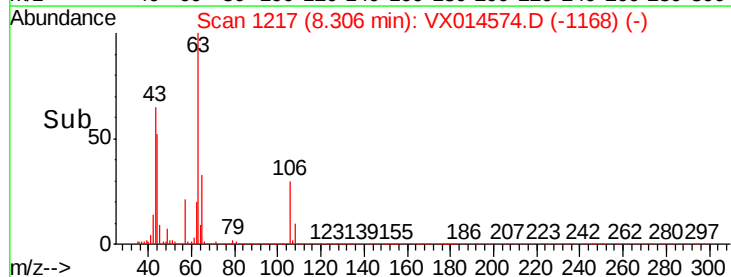
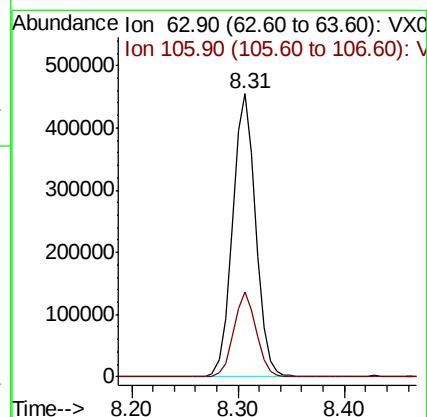
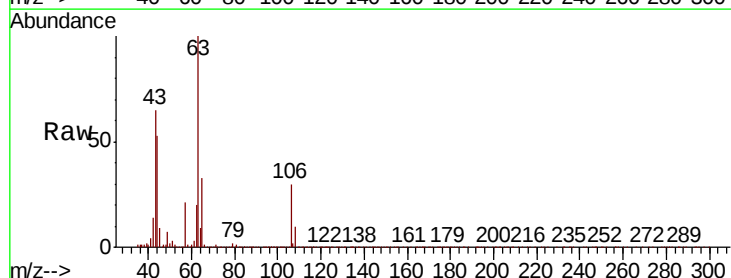
Acq: 11 Jan 2020 06:42

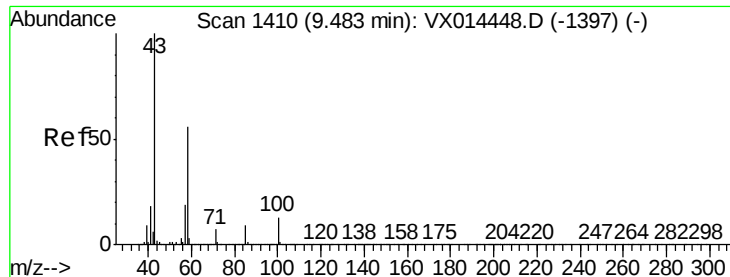
Tgt Ion: 63 Resp: 691343

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4





#59

2-Hexanone

Concen: 255.982 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

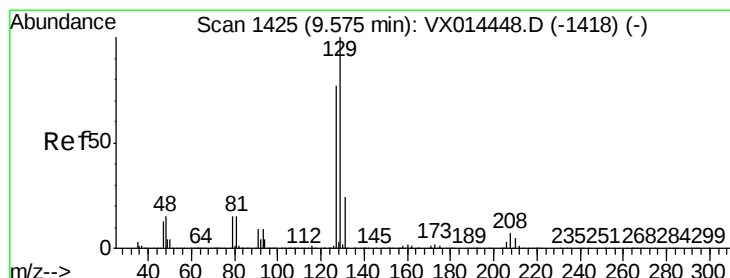
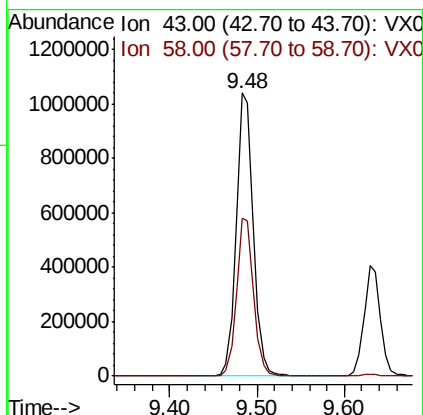
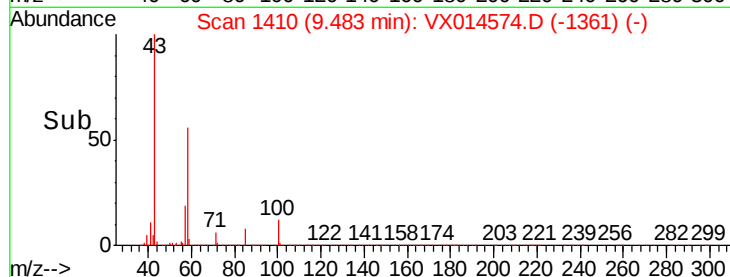
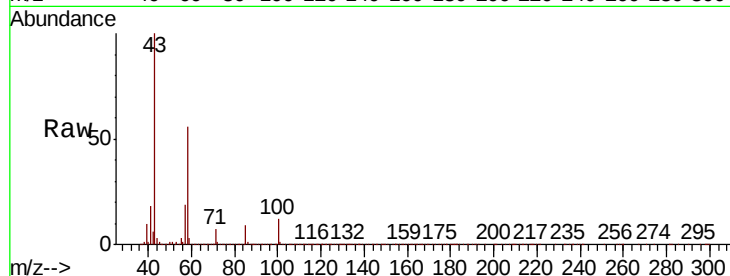
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1425084

Ion Ratio Lower Upper

43 100

58 55.6 27.9 83.7



#60

Dibromochloromethane

Concen: 51.165 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX014574.D

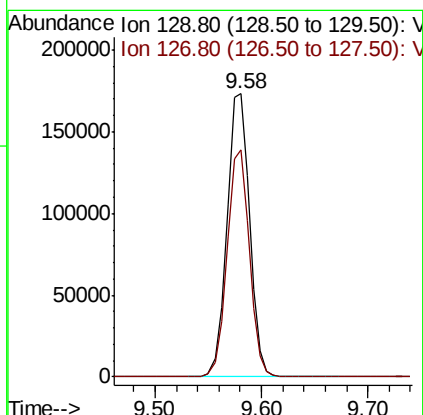
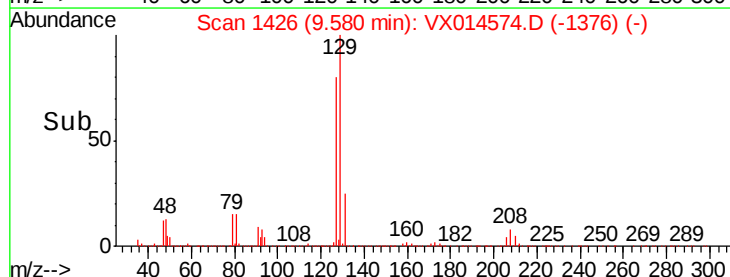
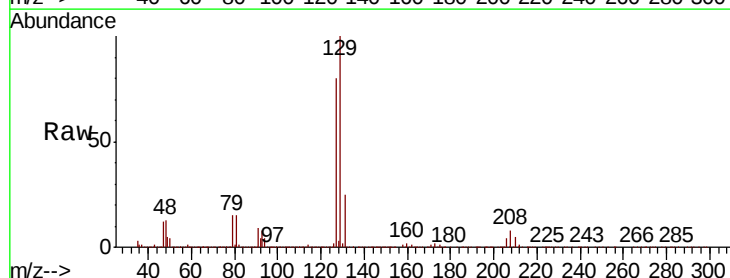
Acq: 11 Jan 2020 06:42

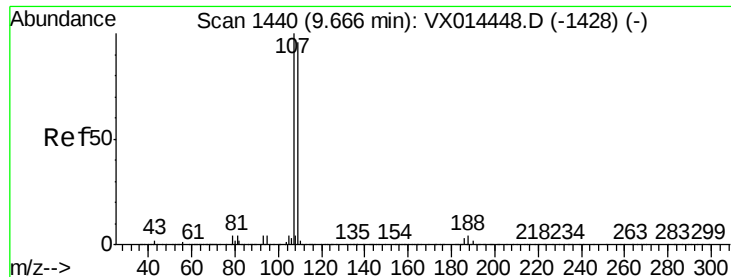
Tgt Ion: 129 Resp: 258241

Ion Ratio Lower Upper

129 100

127 78.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 48.827 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

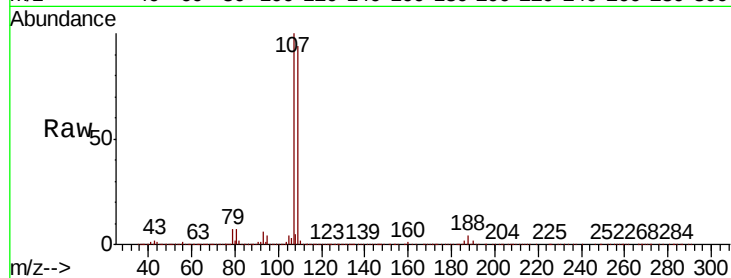
VSTDCCC050EC

Tot Ion:107 Resp: 259720

Ion Ratio Lower Upper

107 100

109 95.8 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

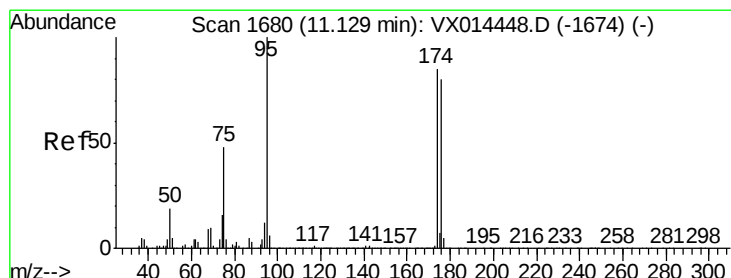
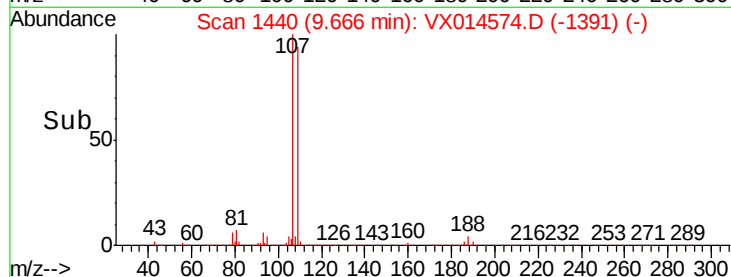
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.086 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

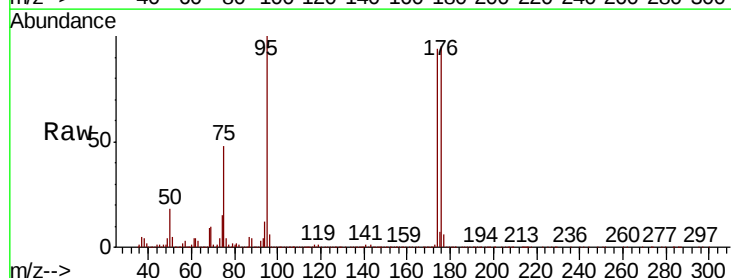
Tgt Ion: 95 Resp: 290166

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.8

176 87.8 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

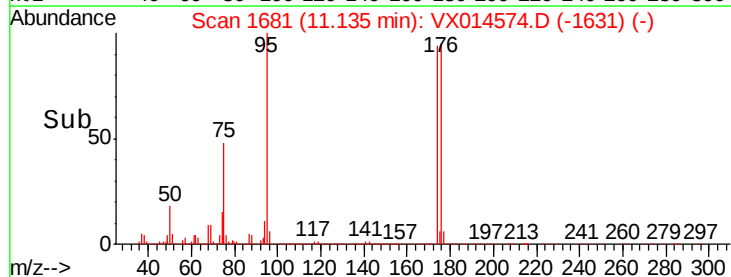
150000

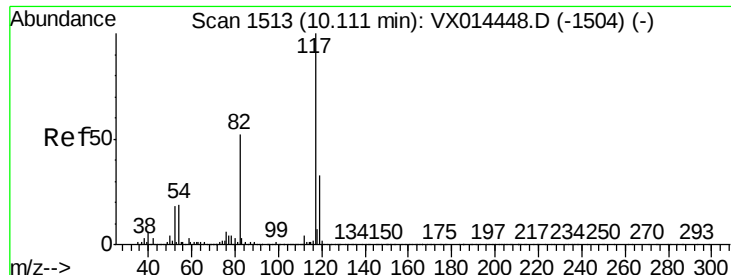
100000

50000

0

Time--> 11.05 11.10 11.15 11.20

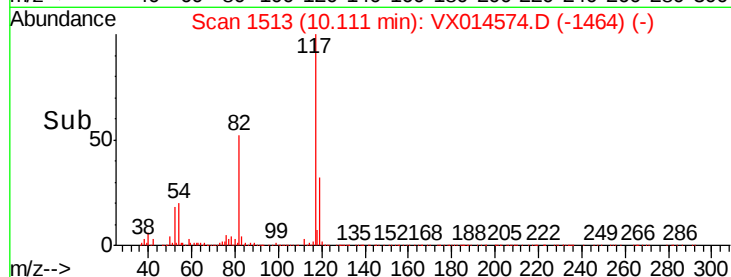
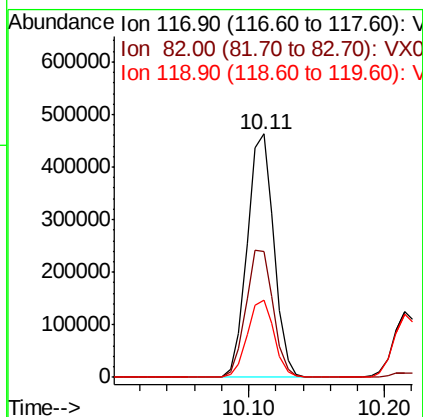
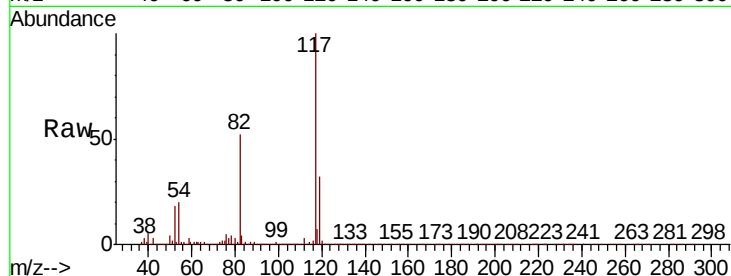




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

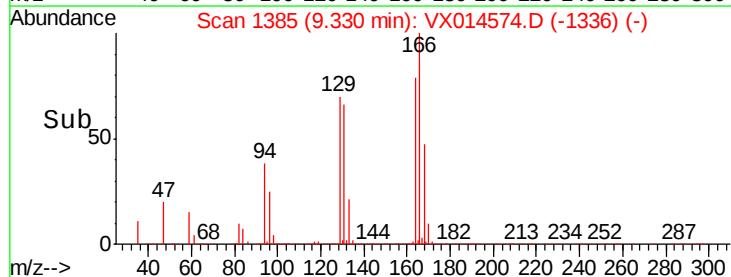
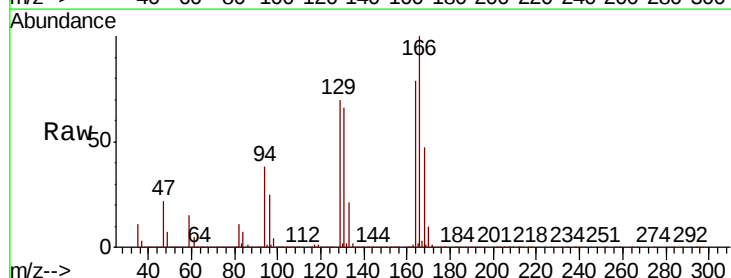
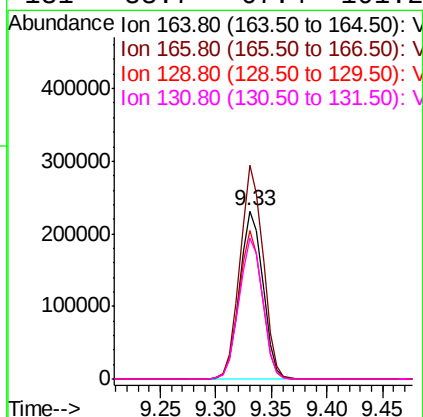
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

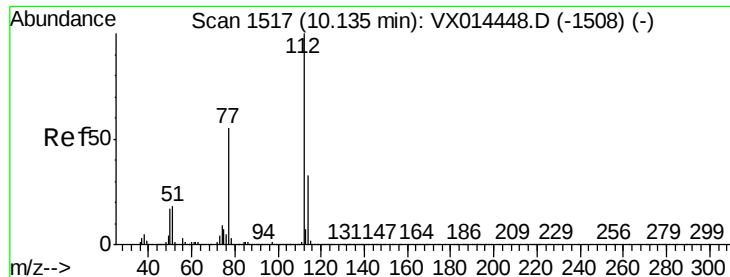
Tot Ion:117 Resp: 635519
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.6
119 31.7 26.2 39.4



#64
Tetrachloroethene
Concen: 52.909 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion:164 Resp: 336996
Ion Ratio Lower Upper
164 100
166 126.9 101.2 151.8
129 88.3 68.3 102.5
131 83.7 67.4 101.2





#65

Chlorobenzene

Concen: 48.015 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

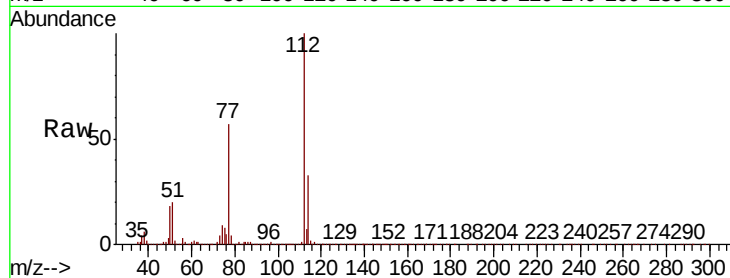
VSTDCCC050EC

Tot Ion:112 Resp: 662212

Ion Ratio Lower Upper

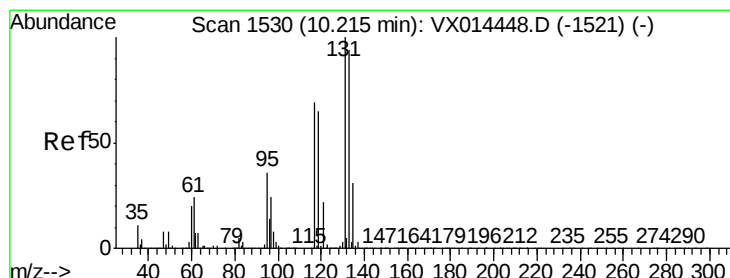
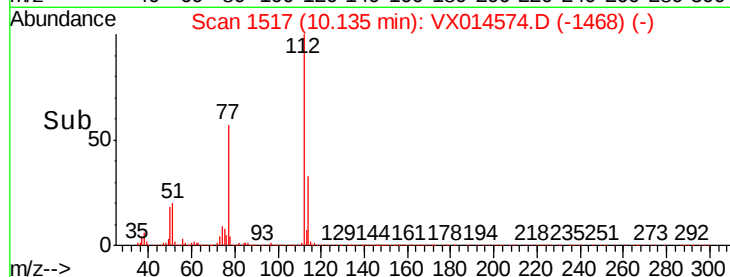
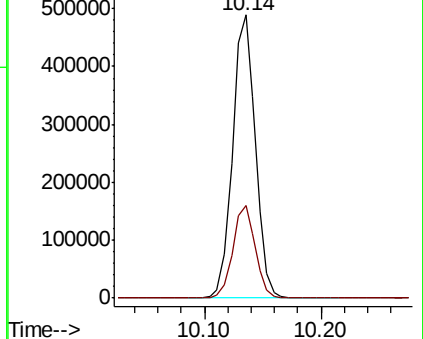
112 100

114 32.8 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.764 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

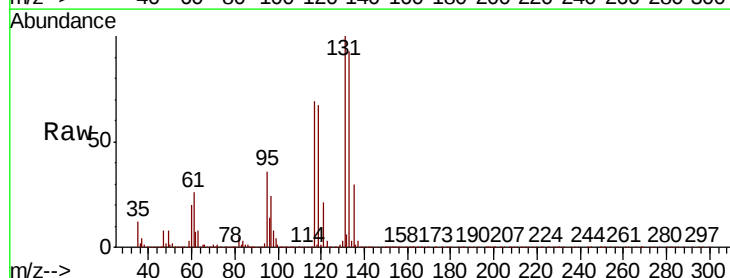
Tgt Ion:131 Resp: 244932

Ion Ratio Lower Upper

131 100

133 94.5 47.3 142.0

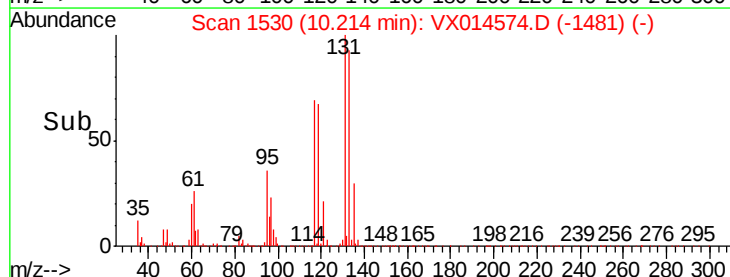
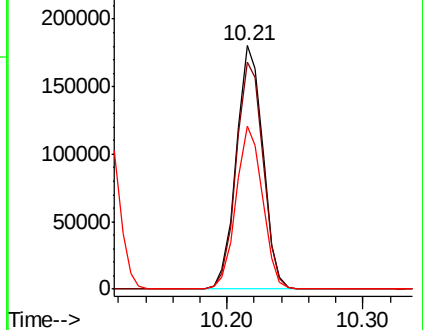
119 66.3 32.8 98.4

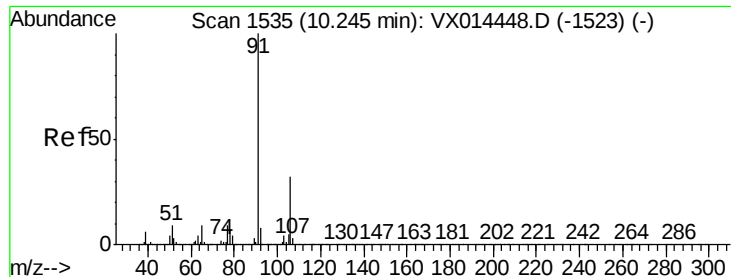


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

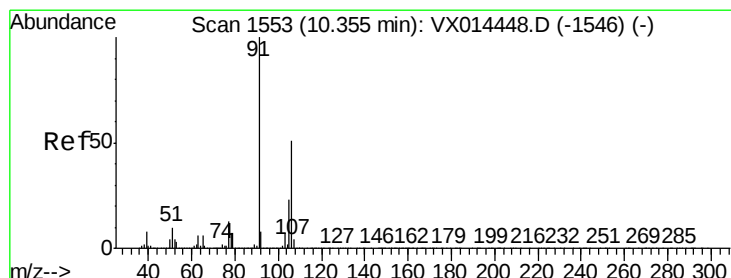
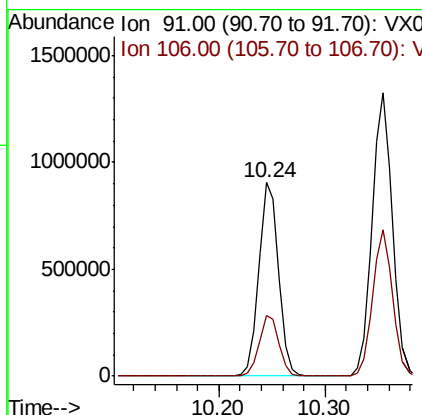
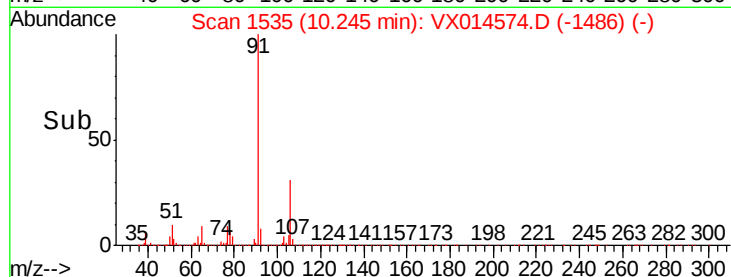
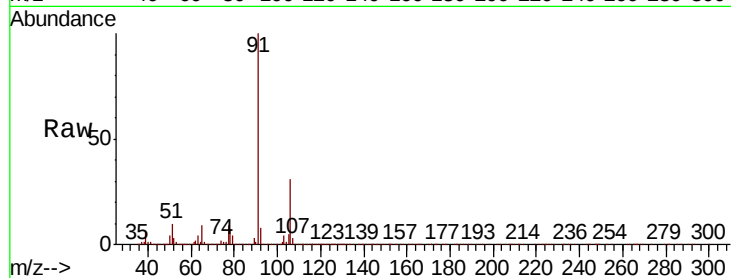




#67
Ethyl Benzene
Concen: 49.864 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

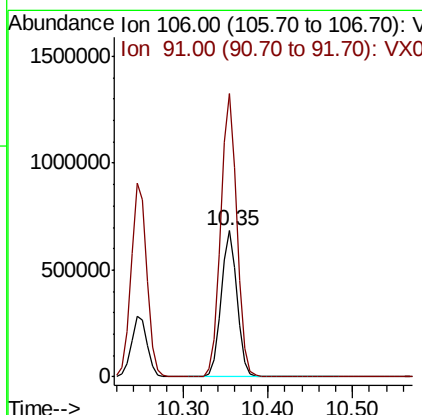
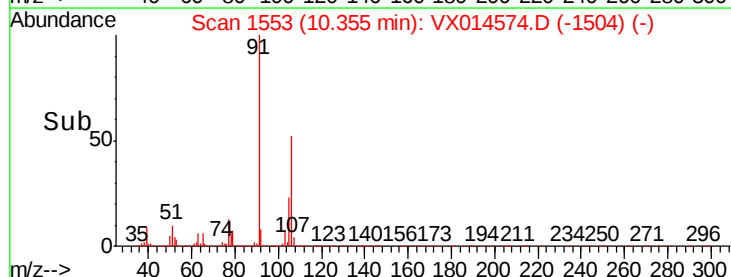
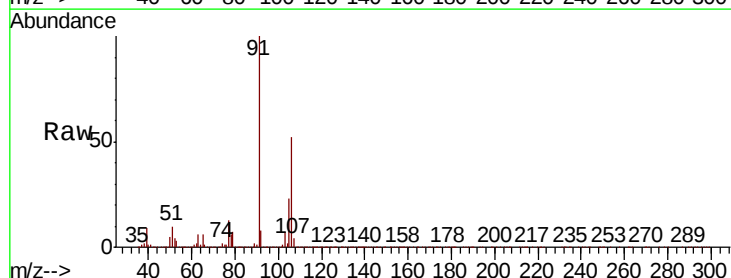
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

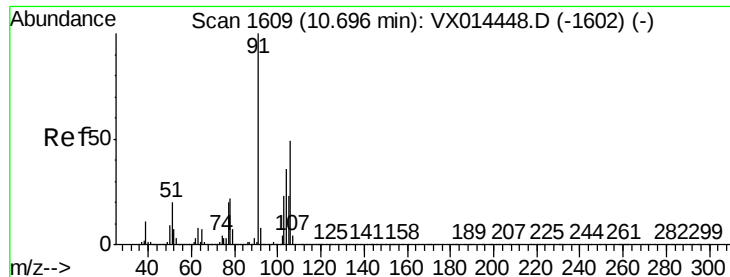
Tot Ion: 91 Resp: 1172164
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 98.728 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion: 106 Resp: 895364
Ion Ratio Lower Upper
106 100
91 196.2 157.4 236.0

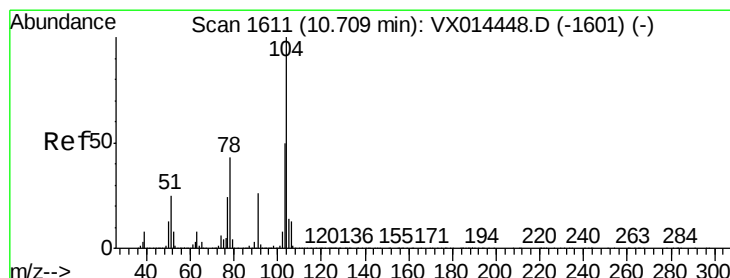
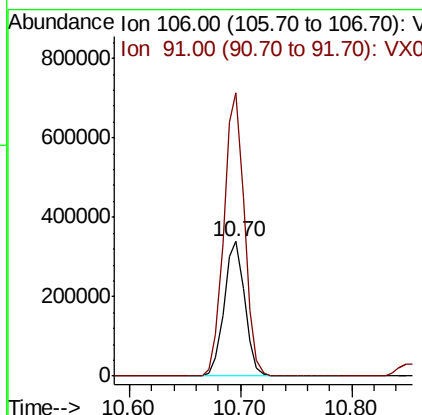
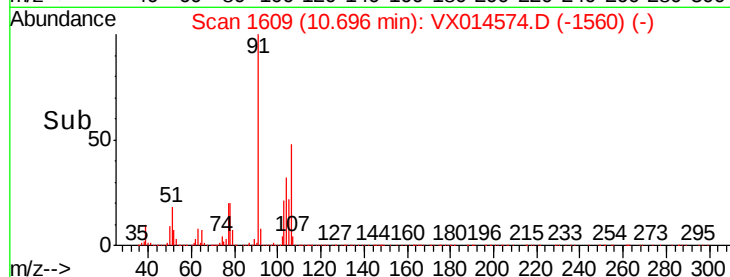
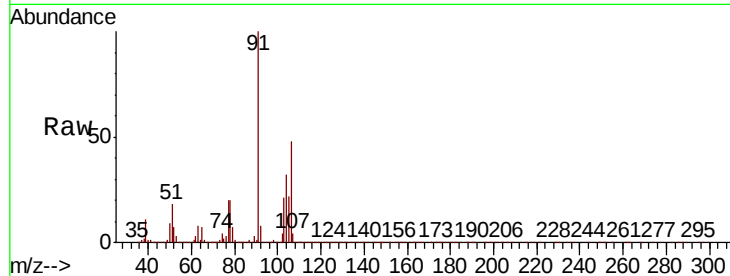




#69
o-Xylene
Concen: 50.041 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

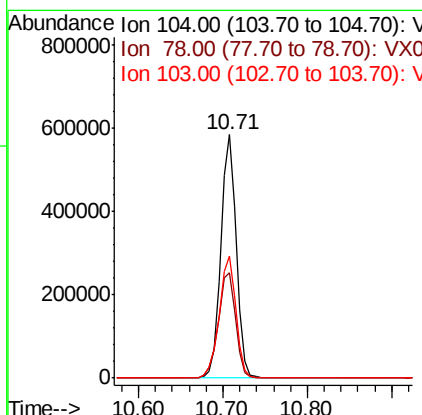
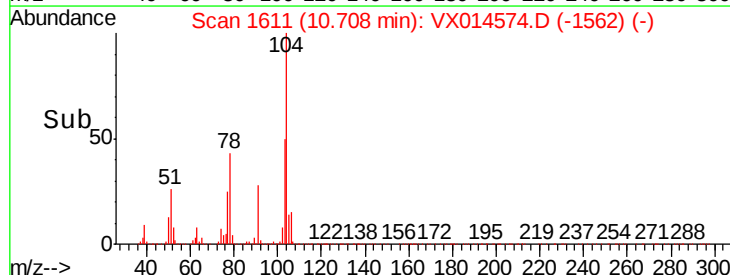
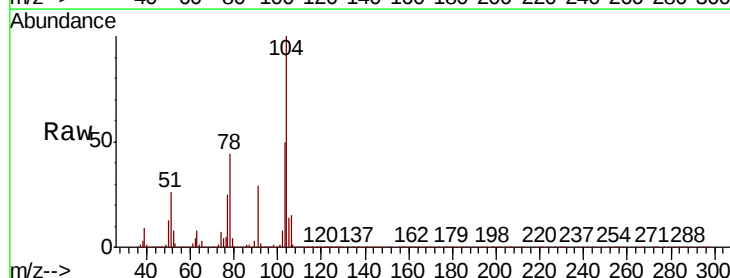
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

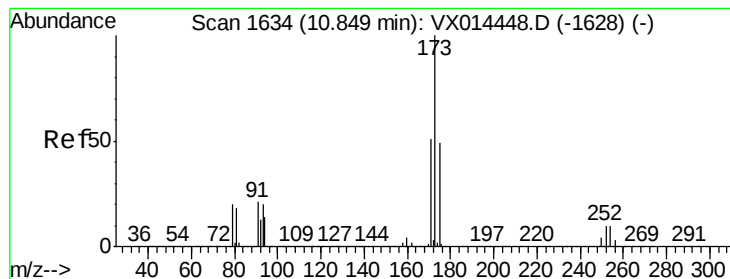
Tot Ion:106 Resp: 433002
Ion Ratio Lower Upper
106 100
91 209.2 105.1 315.1



#70
Styrene
Concen: 49.538 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion:104 Resp: 739745
Ion Ratio Lower Upper
104 100
78 49.1 38.6 58.0
103 54.6 43.7 65.5





#71

Bromoform

Concen: 49.474 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

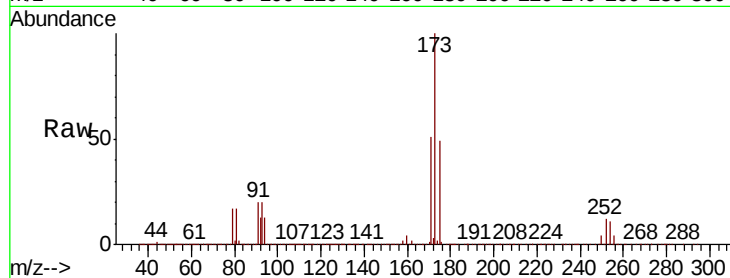
Tot Ion:173 Resp: 199229

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

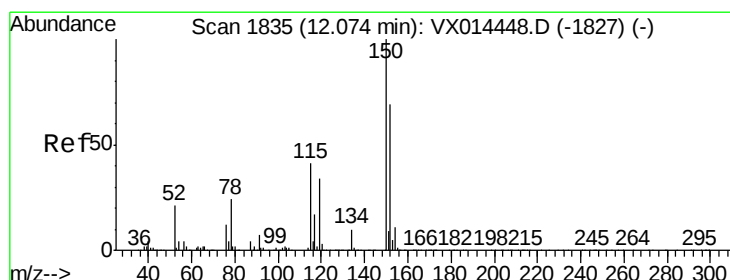
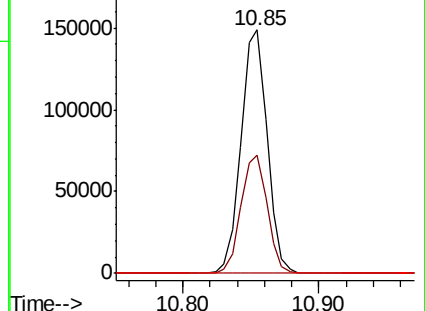
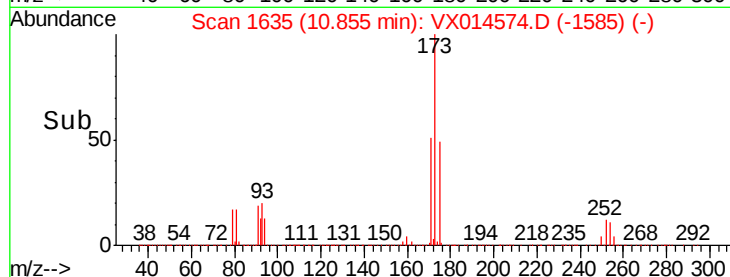
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

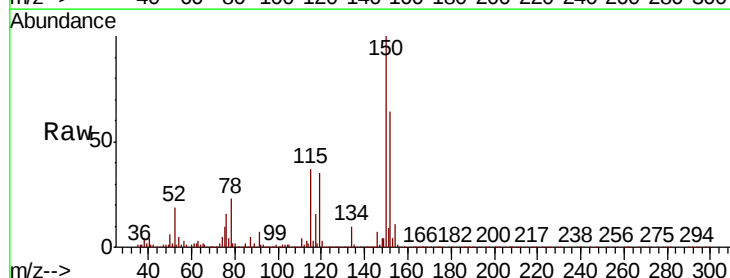
Tgt Ion:152 Resp: 317327

Ion Ratio Lower Upper

152 100

115 76.6 39.5 118.3

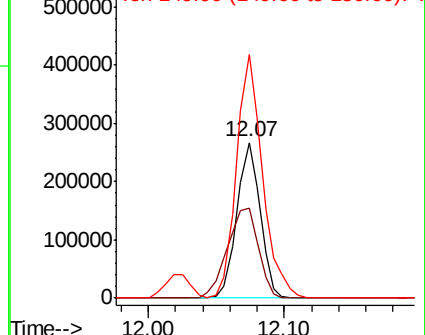
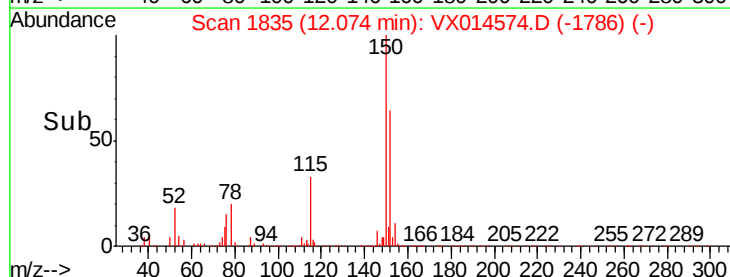
150 174.9 0.0 350.2

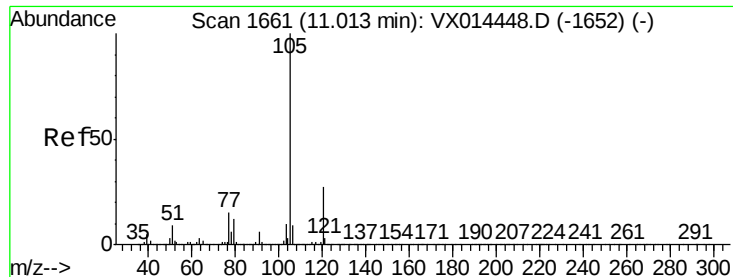


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.937 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

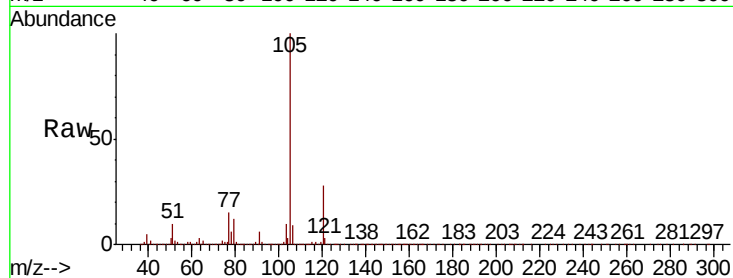
VSTDCCC050EC

Tot Ion:105 Resp: 1135049

Ion Ratio Lower Upper

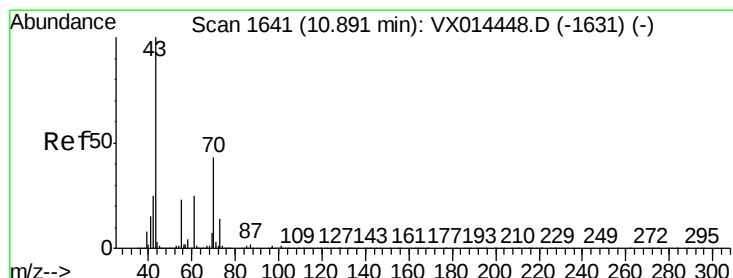
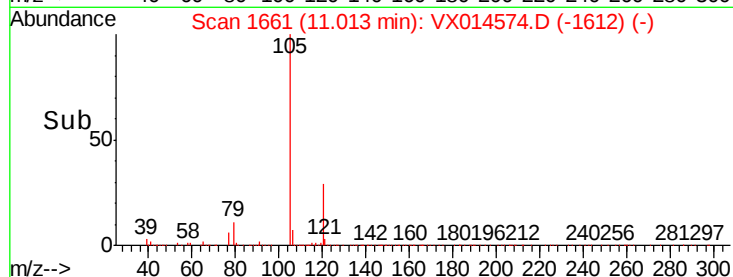
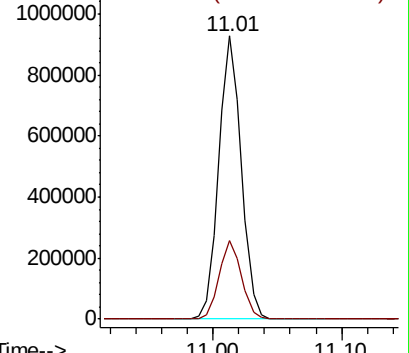
105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.486 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion: 43 Resp: 515990

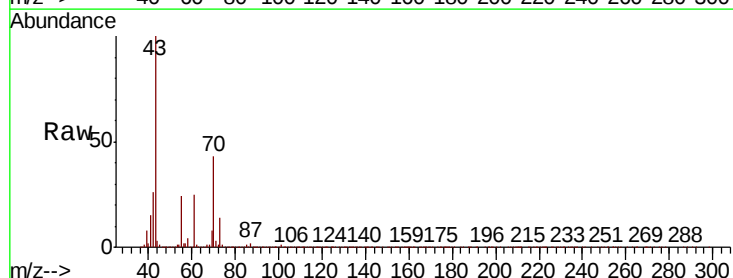
Ion Ratio Lower Upper

43 100

70 43.7 35.1 52.7

55 24.3 19.3 28.9

61 25.3 20.0 30.0

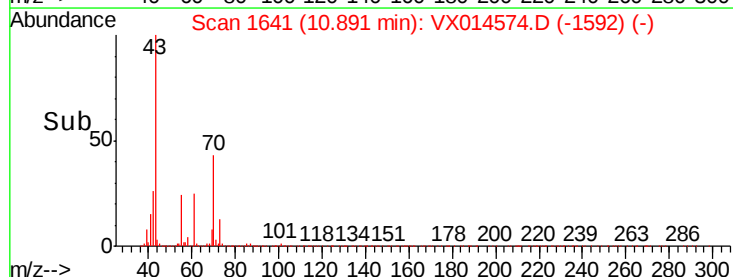
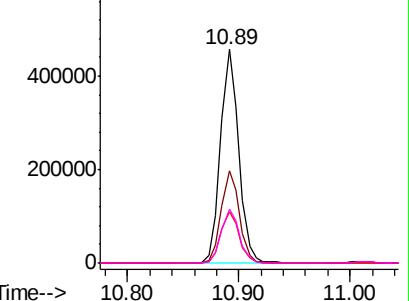


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.437 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

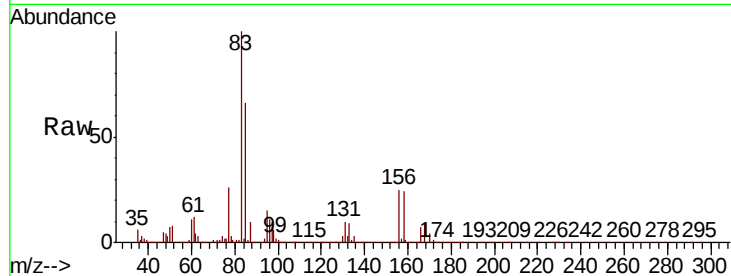
Tot Ion: 83 Resp: 367576

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

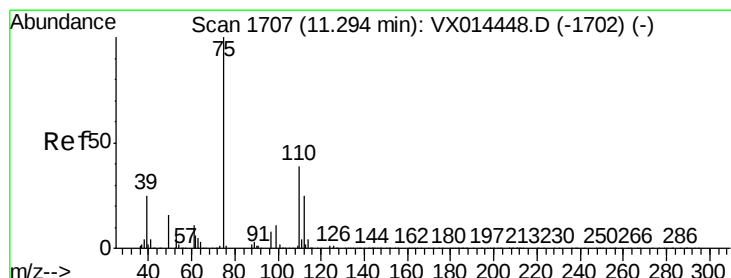
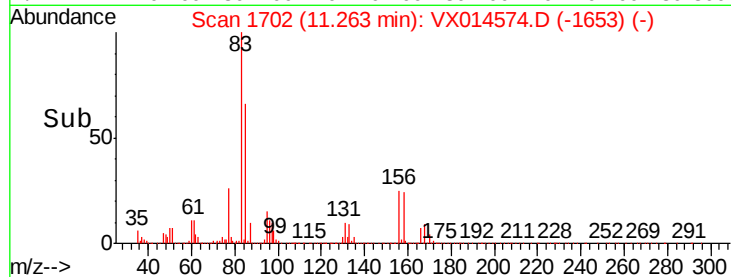
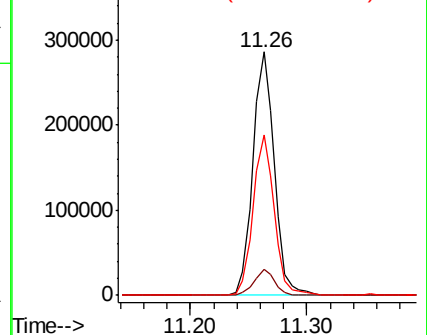
85 64.9 32.5 97.4



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: 65.434 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX014574.D

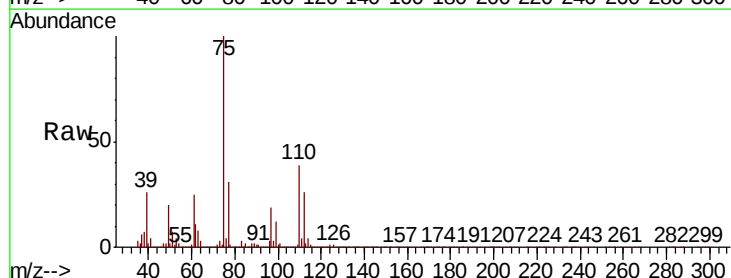
Acq: 11 Jan 2020 06:42

Tgt Ion: 75 Resp: 429610

Ion Ratio Lower Upper

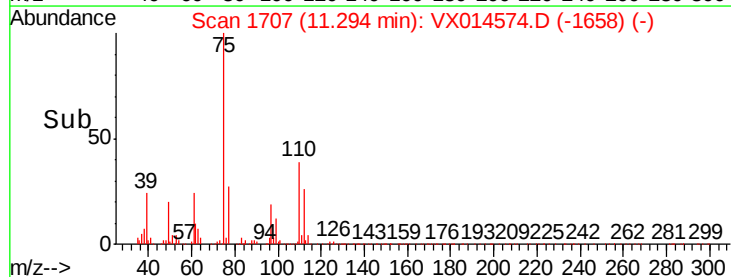
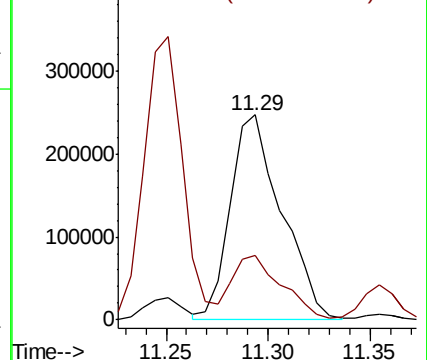
75 100

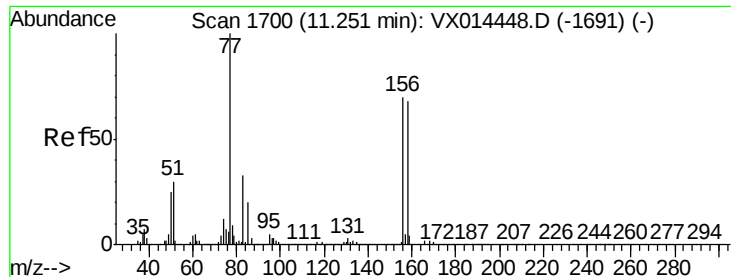
77 30.2 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.876 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

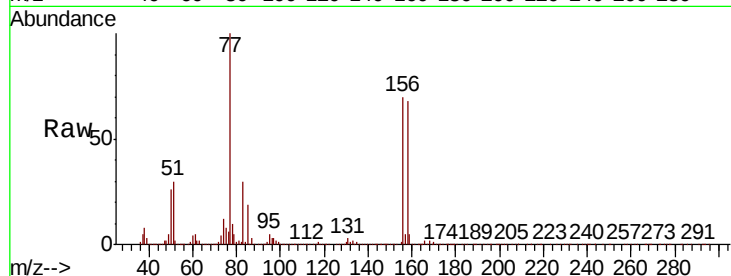
Tot Ion:156 Resp: 295854

Ion Ratio Lower Upper

156 100

77 151.8 75.4 226.3

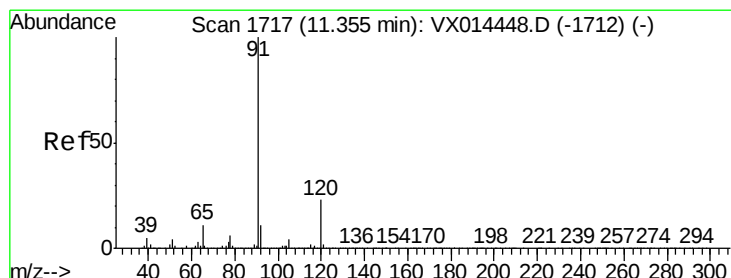
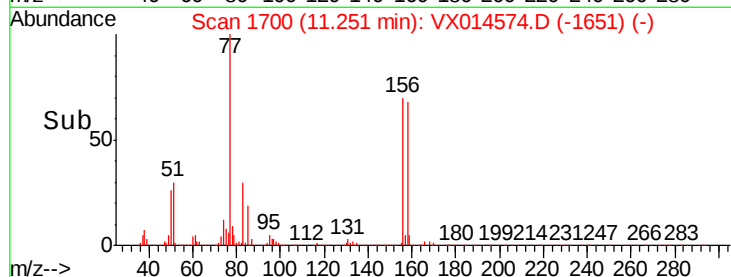
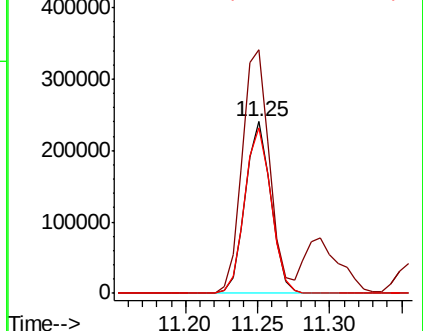
158 99.2 48.8 146.3



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: 50.167 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014574.D

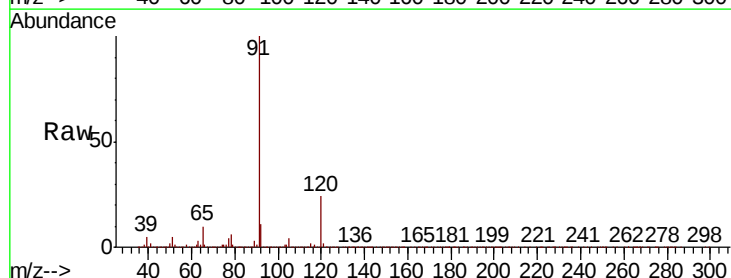
Acq: 11 Jan 2020 06:42

Tgt Ion: 91 Resp: 1280261

Ion Ratio Lower Upper

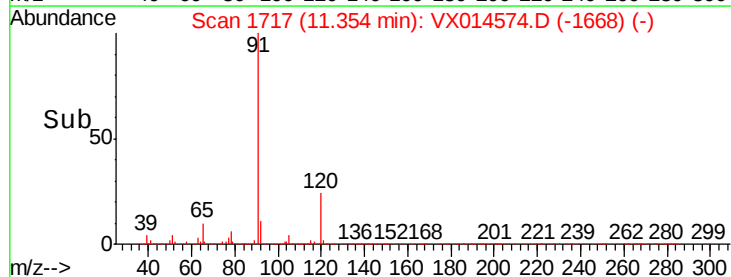
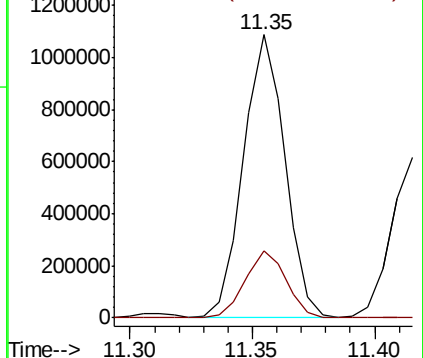
91 100

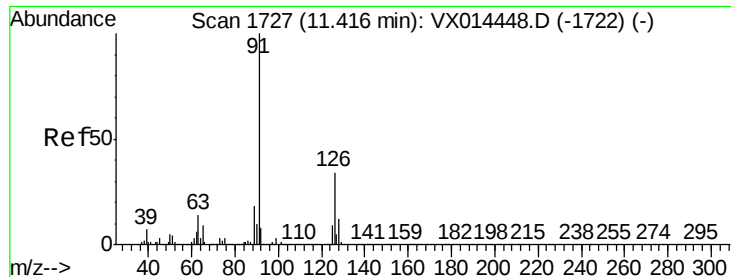
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

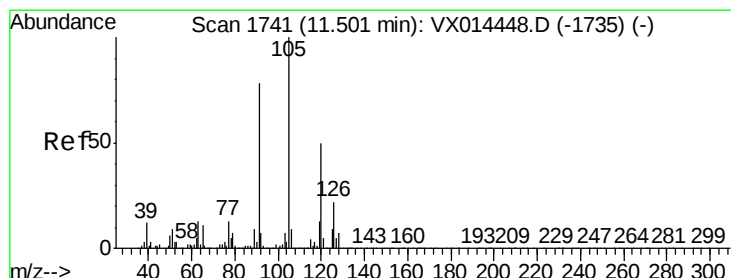
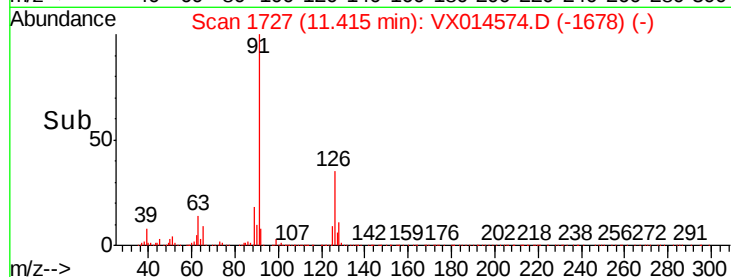
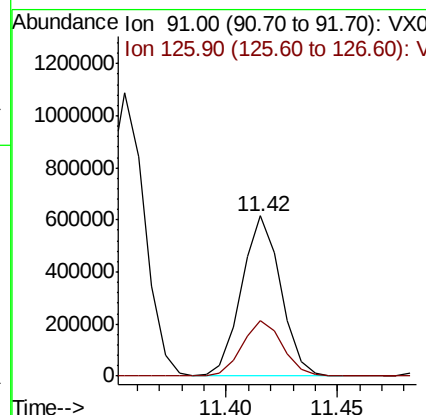
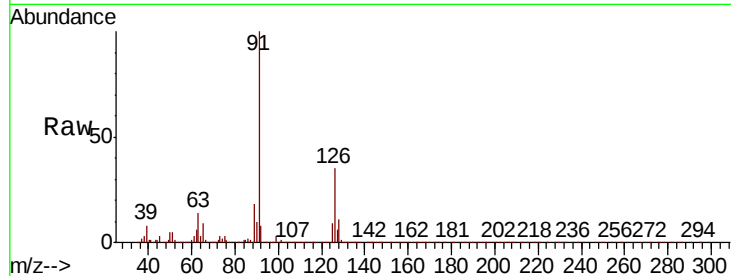




#79
2-Chlorotoluene
Concen: 49.497 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

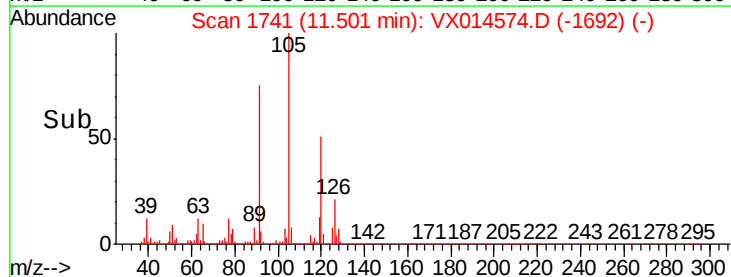
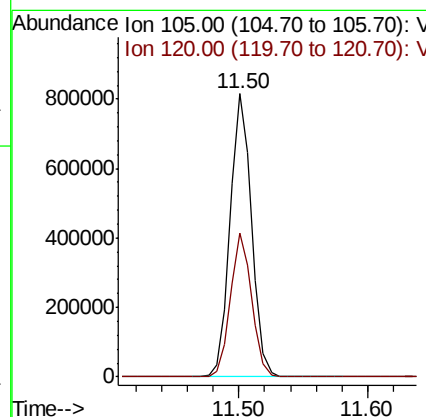
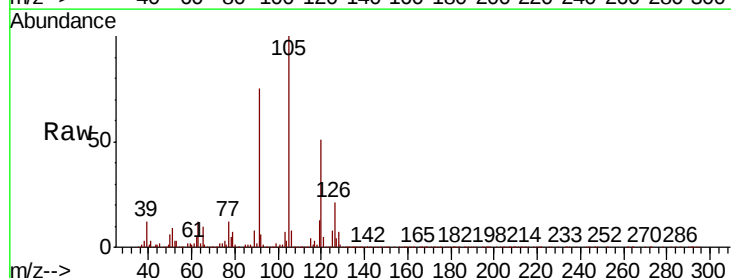
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

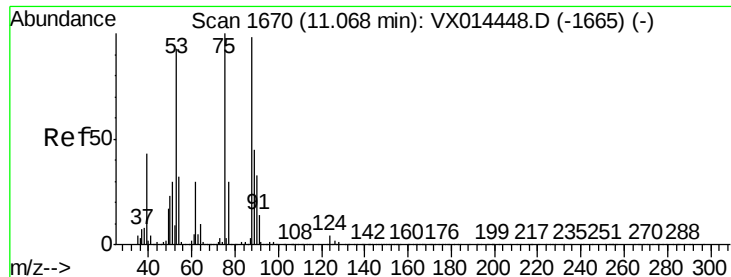
Tot Ion: 91 Resp: 752835
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 51.648 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion: 105 Resp: 955505
Ion Ratio Lower Upper
105 100
120 50.1 25.2 75.6

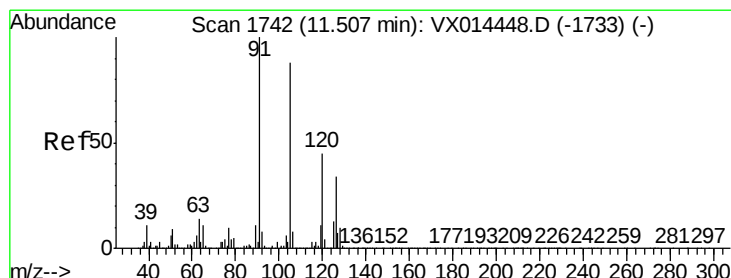
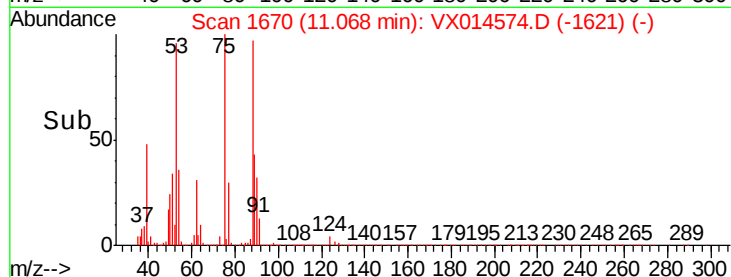
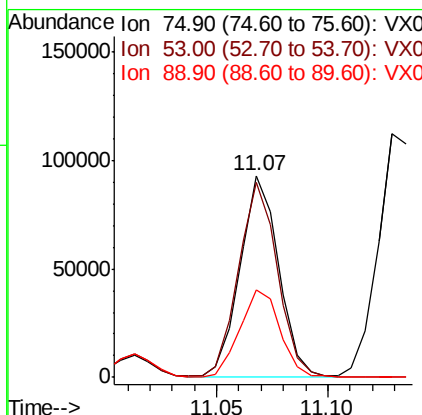
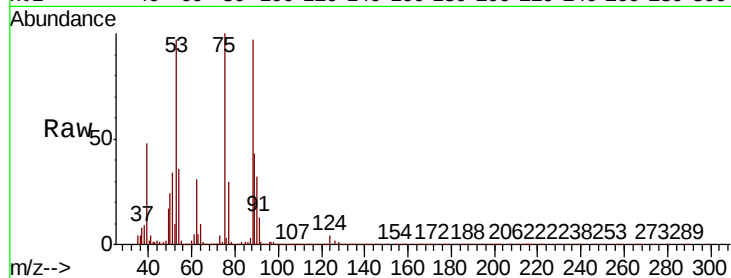




#81
trans-1,4-Dichloro-2-butene
Concen: 45.085 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

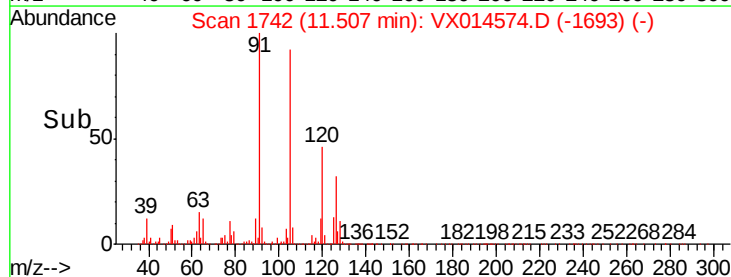
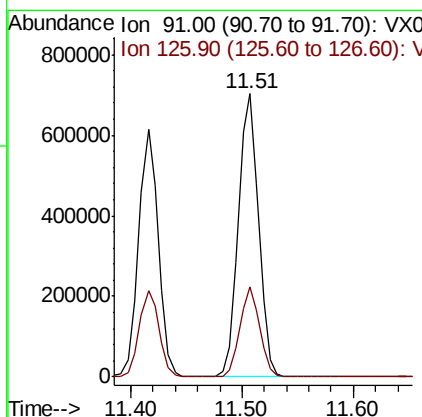
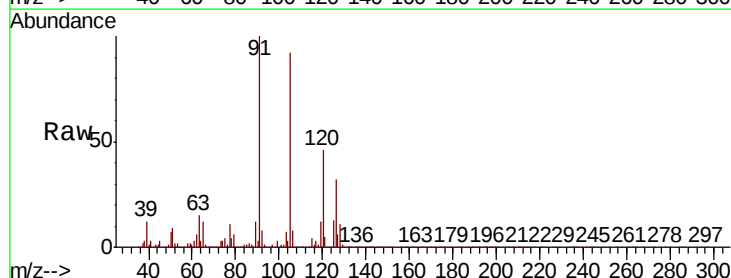
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 111963
Ion Ratio Lower Upper
75 100
53 98.0 74.8 112.2
89 45.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.404 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion: 91 Resp: 882011
Ion Ratio Lower Upper
91 100
126 30.9 15.9 47.7





#83

tert-Butylbenzene

Concen: 48.766 ug/l

RT: 11.76 min Scan# 1784

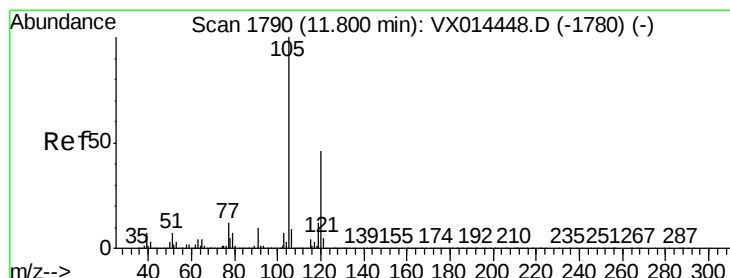
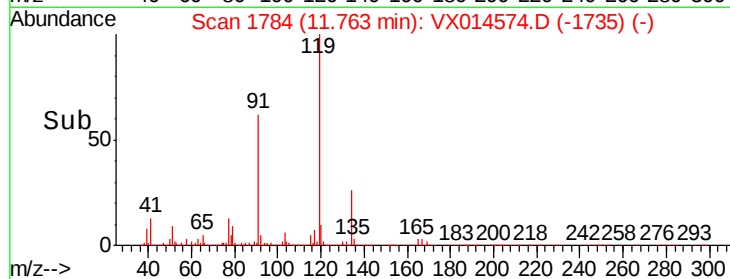
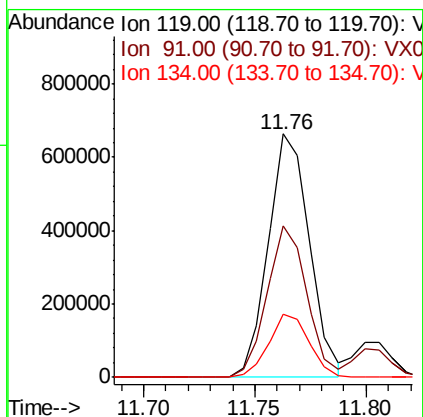
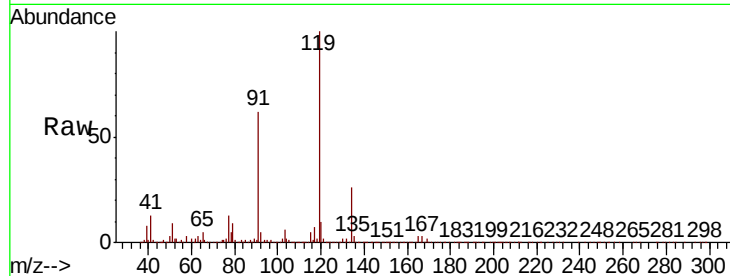
Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	29.3	88.0
134	25.6	12.4	37.4



#84

1,2,4-Trimethylbenzene

Concen: 51.244 ug/l

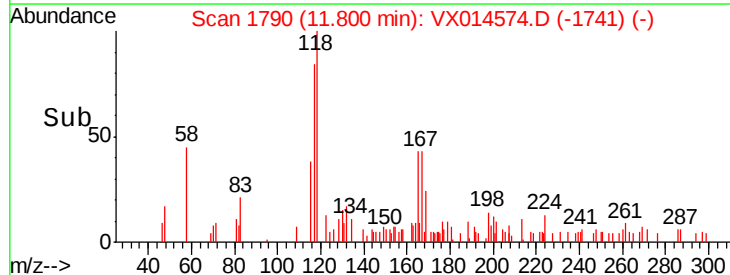
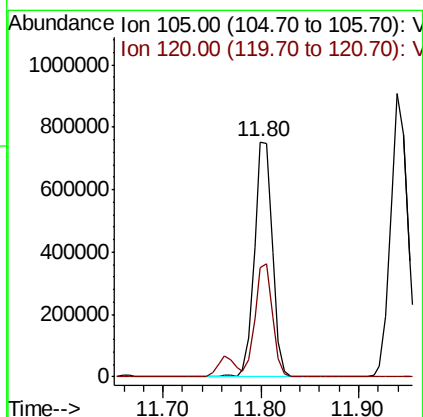
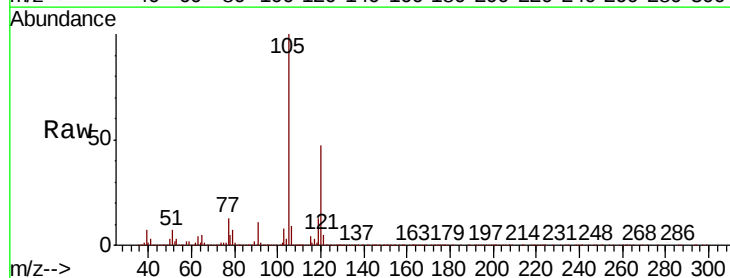
RT: 11.80 min Scan# 1790

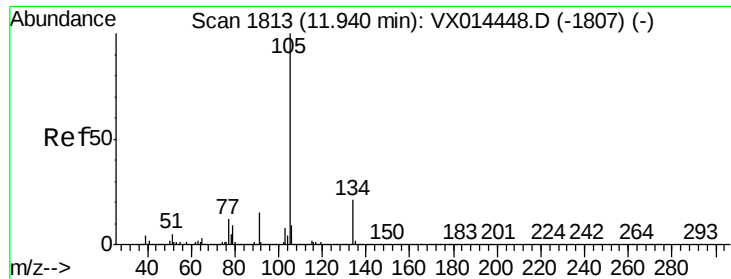
Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.206 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

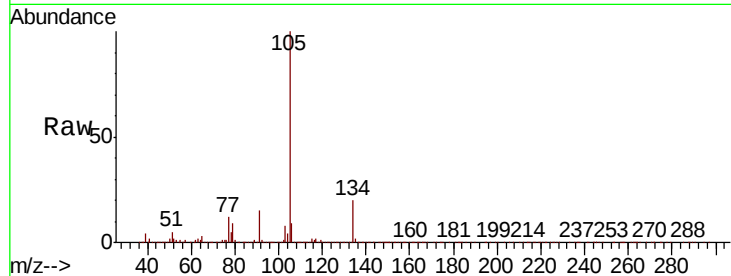
VSTDCCC050EC

Tot Ion:105 Resp: 1091000

Ion Ratio Lower Upper

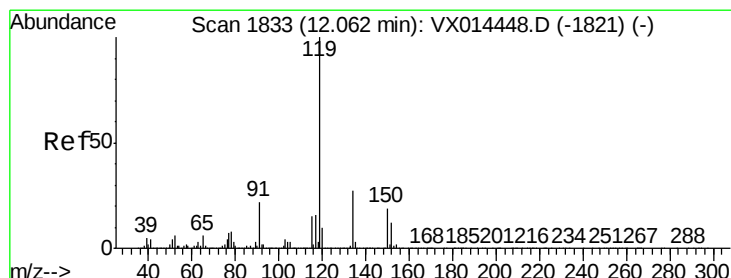
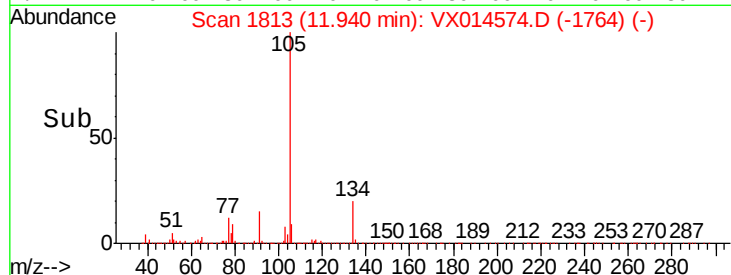
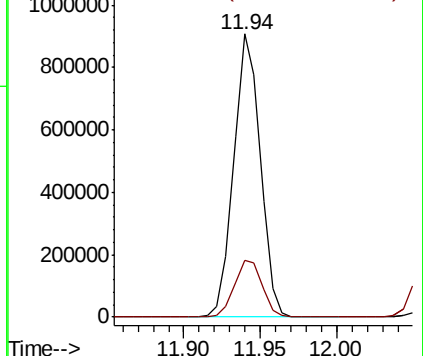
105 100

134 20.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.239 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

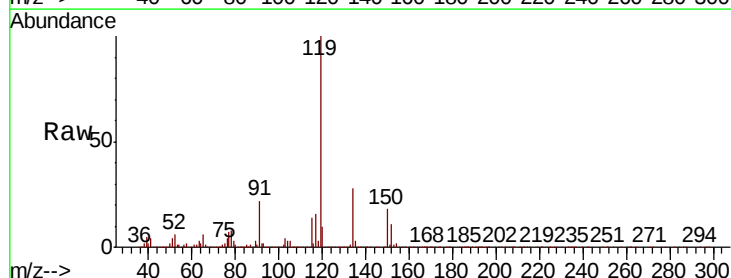
Tgt Ion:119 Resp: 1013075

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

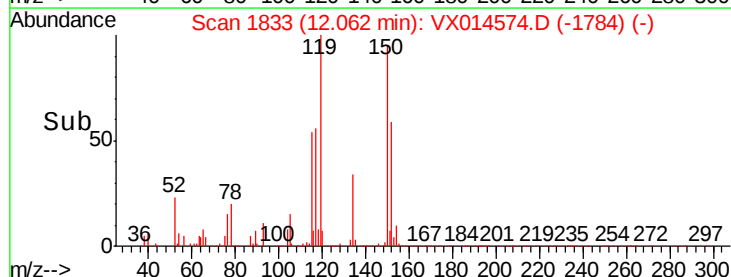
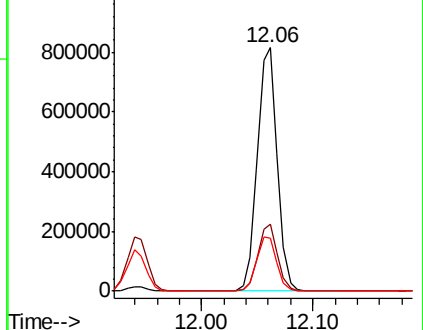
91 22.3 11.1 33.3

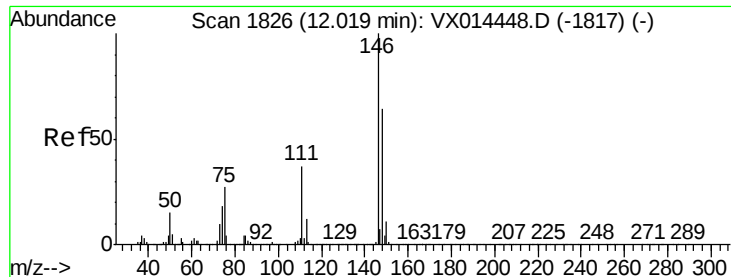


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.380 ug/l

RT: 12.02 min Scan# 1826

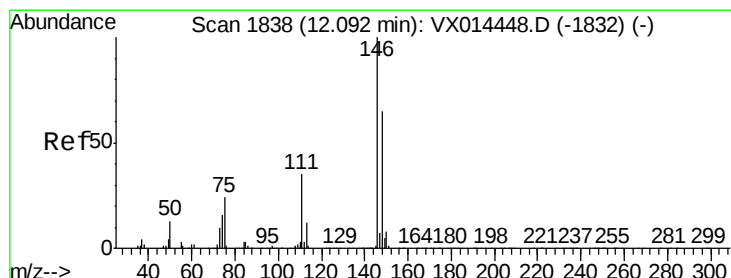
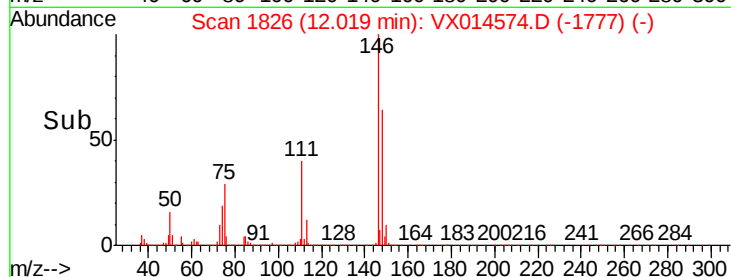
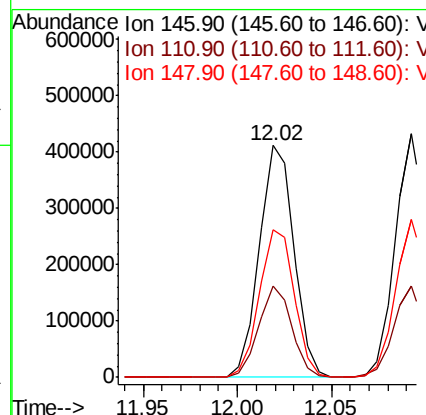
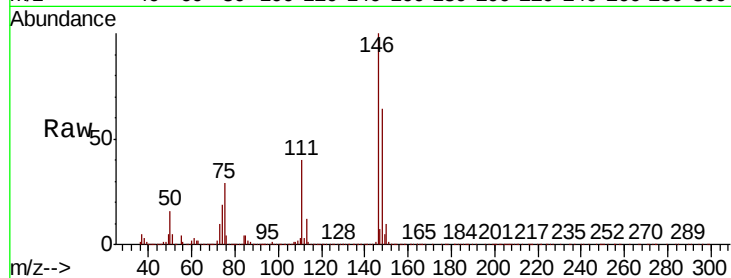
Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.2	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 50.169 ug/l

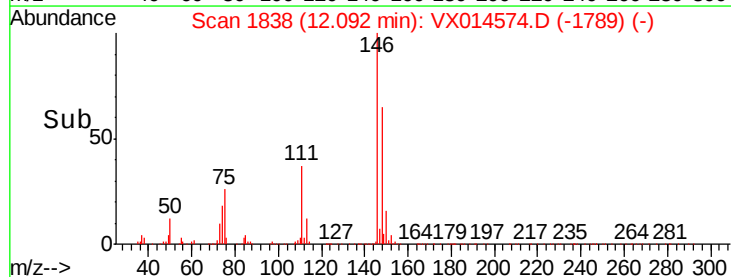
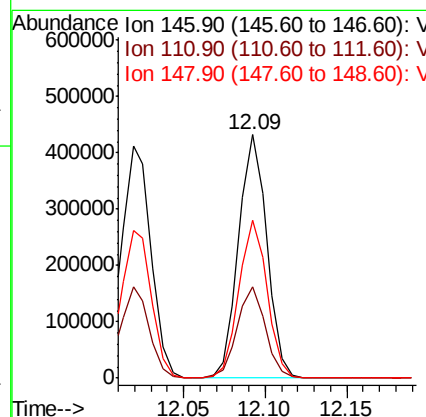
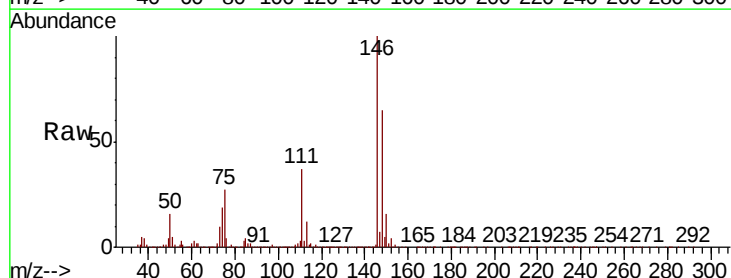
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.9	32.1	96.3





#89

n-Butylbenzene

Concen: 47.126 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

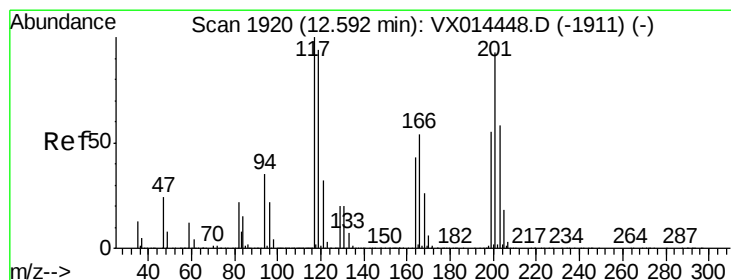
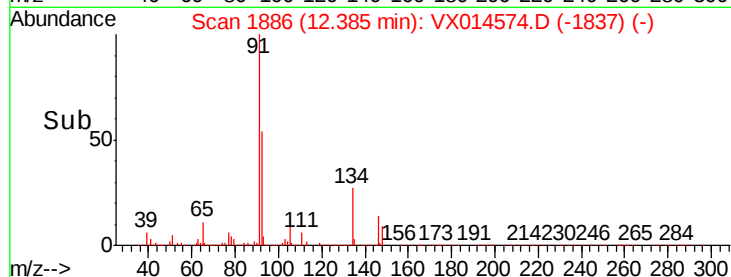
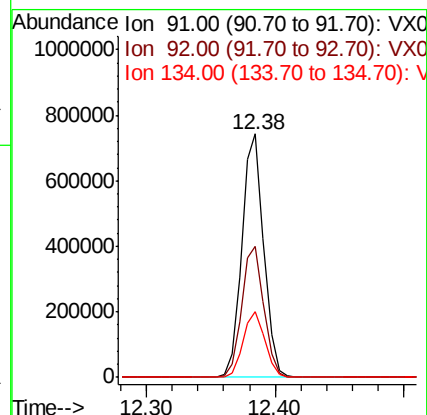
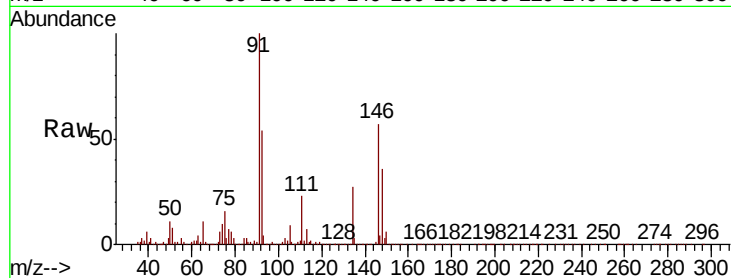
Tot Ion: 91 Resp: 868881

Ion Ratio Lower Upper

91 100

92 54.4 27.4 82.2

134 27.1 13.9 41.7



#90

Hexachloroethane

Concen: 49.624 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014574.D

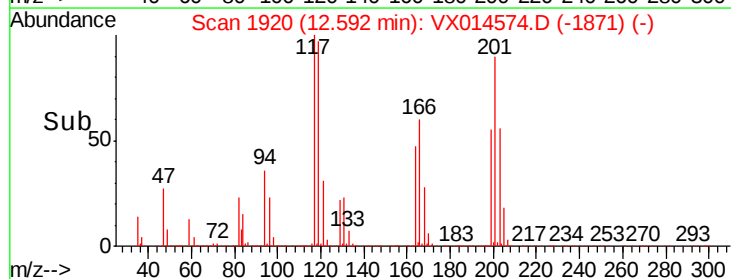
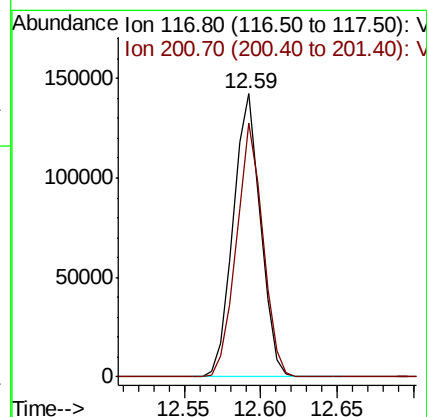
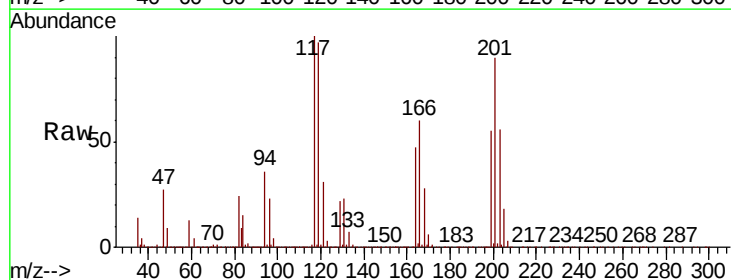
Acq: 11 Jan 2020 06:42

Tgt Ion: 117 Resp: 175770

Ion Ratio Lower Upper

117 100

201 87.0 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 49.347 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

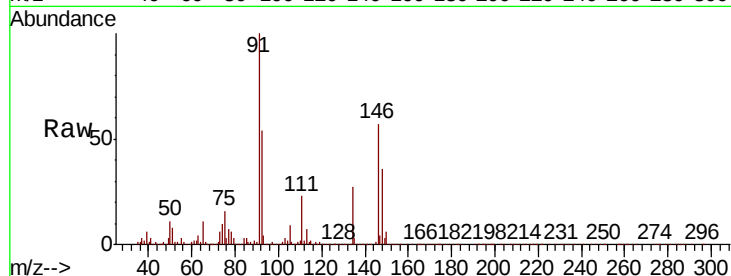
Tot Ion:146 Resp: 536189

Ion Ratio Lower Upper

146 100

111 39.0 19.8 59.4

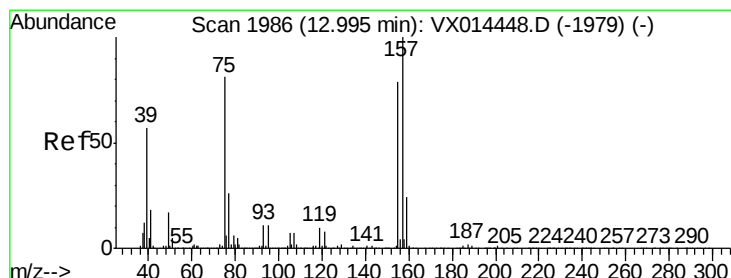
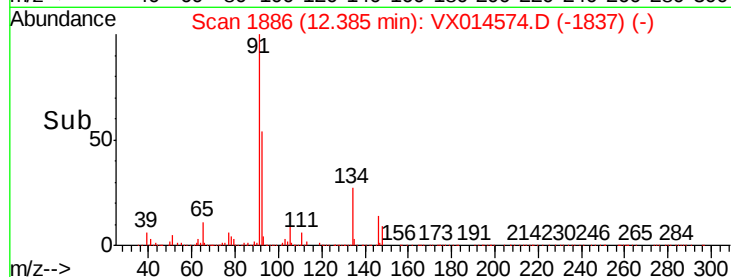
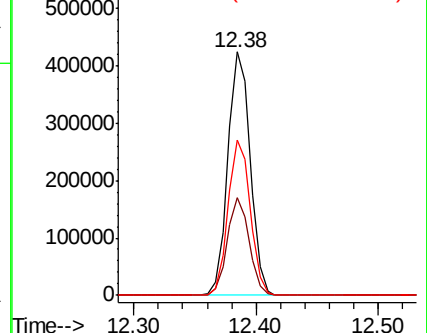
148 63.0 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.781 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014574.D

Acq: 11 Jan 2020 06:42

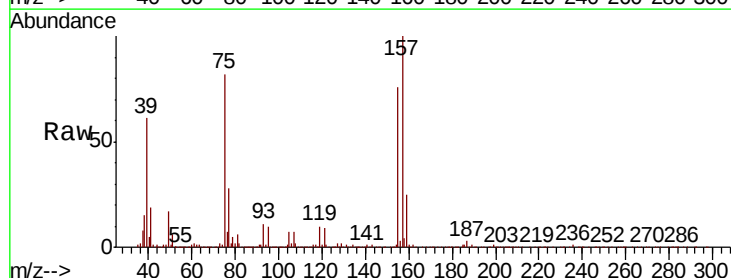
Tgt Ion: 75 Resp: 83235

Ion Ratio Lower Upper

75 100

155 92.6 48.7 146.1

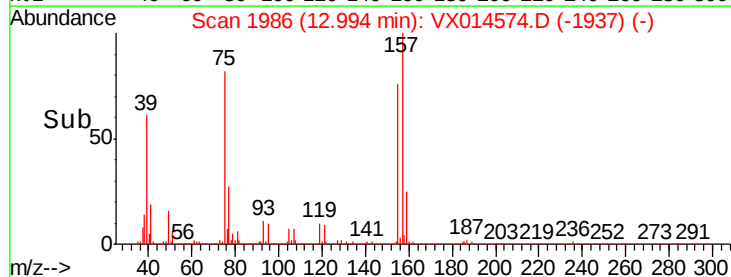
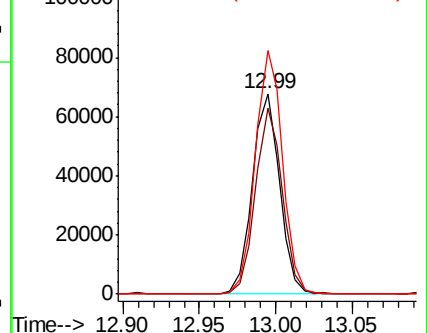
157 122.6 62.0 185.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

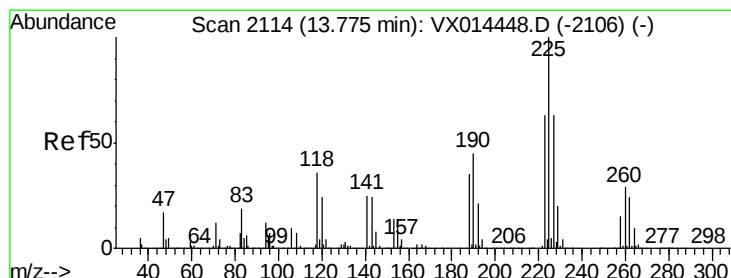
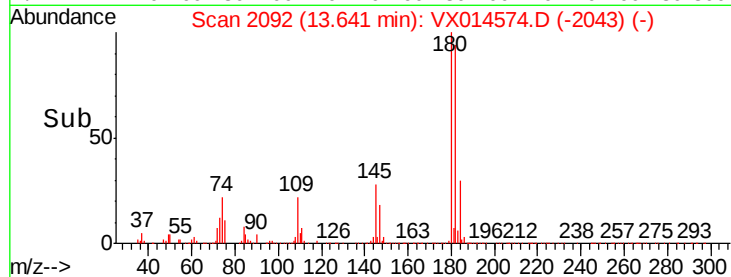
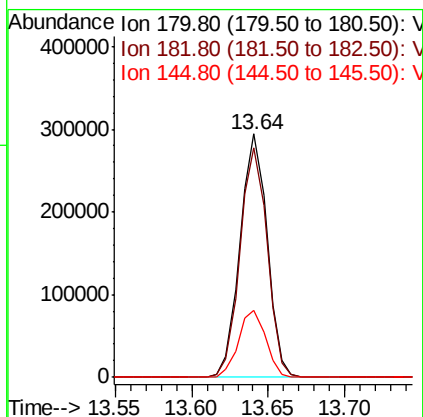
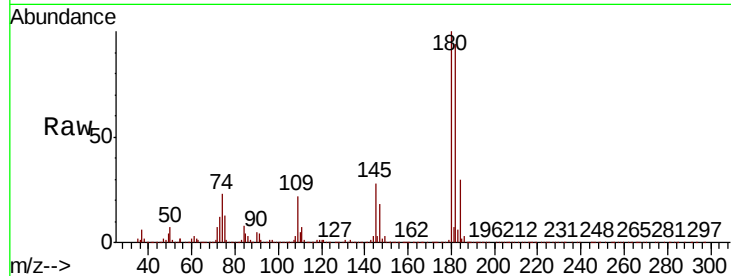




#93
 1,2,4-Trichlorobenzene
 Concen: 47.447 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

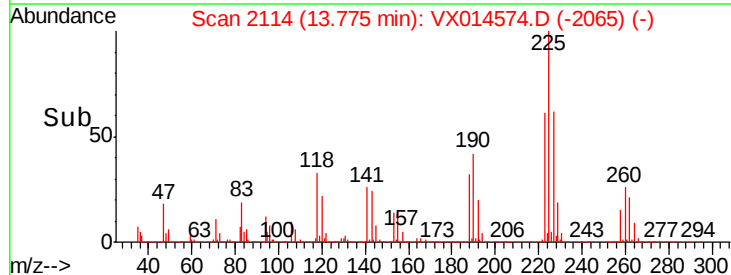
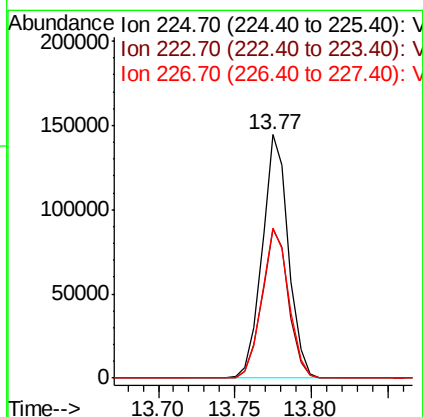
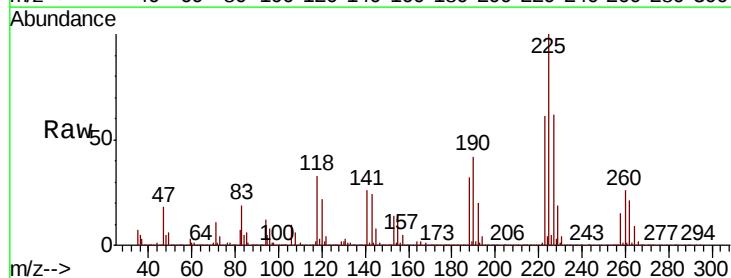
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

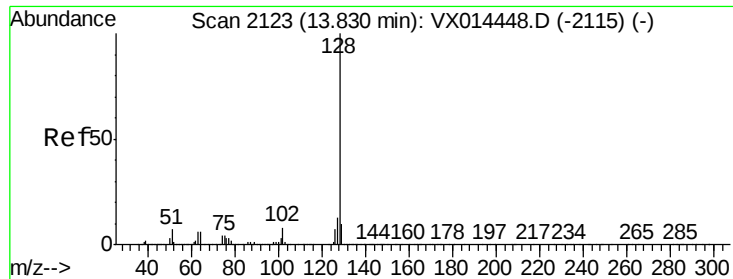
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.5
145	27.9	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 48.357 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014574.D
 Acq: 11 Jan 2020 06:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.1	93.2
227	63.1	31.4	94.2

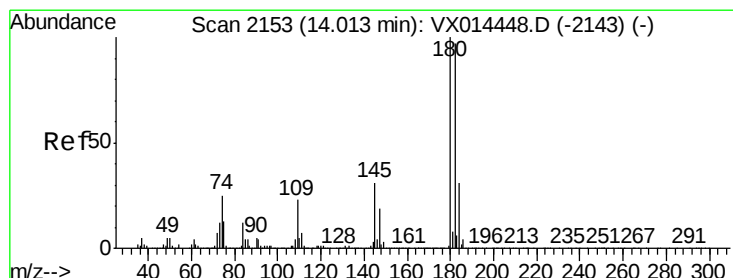
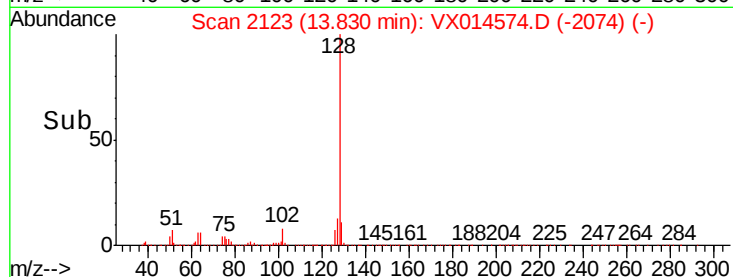
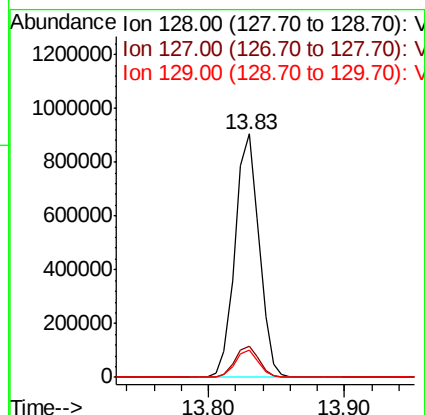
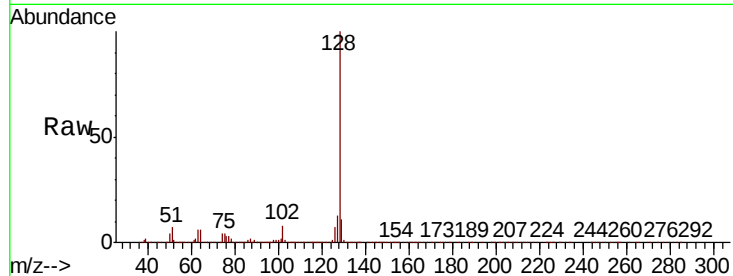




#95
Naphthalene
Concen: 47.023 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1113026
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.974 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014574.D
Acq: 11 Jan 2020 06:42

Tgt Ion:180 Resp: 359133
Ion Ratio Lower Upper
180 100
182 97.2 47.9 143.6
145 29.6 14.8 44.3

