

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010920\
 Data File : VX014519.D
 Acq On : 09 Jan 2020 23:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 10 06:54:20 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	472010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	737403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	662225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	334724	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	271698	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	5.49	113	221611	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	8.71	98	879064	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	310757	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	293790	50.133	ug/l	98
3) Chloromethane	1.32	50	306679	50.971	ug/l	100
4) Vinyl Chloride	1.40	62	358394	53.456	ug/l	99
5) Bromomethane	1.63	94	192876	43.400	ug/l	100
6) Chloroethane	1.72	64	192526	52.769	ug/l	98
7) Trichlorofluoromethane	1.92	101	380646	50.050	ug/l	100
8) Diethyl Ether	2.18	74	170579	49.162	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	223581	48.321	ug/l	100
10) Methyl Iodide	2.50	142	298525	53.881	ug/l	99
11) Tert butyl alcohol	3.03	59	274308	249.324	ug/l	98
12) 1,1-Dichloroethene	2.37	96	227216	48.740	ug/l	99
13) Acrolein	2.28	56	210380	238.568	ug/l	100
14) Allyl chloride	2.72	41	399248	48.780	ug/l	99
15) Acrylonitrile	3.13	53	687962	259.082	ug/l	99
16) Acetone	2.43	43	577134	217.910	ug/l	99
17) Carbon Disulfide	2.56	76	611441	47.006	ug/l	99
18) Methyl Acetate	2.76	43	437221	57.732	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	769805	51.440	ug/l	99
20) Methylene Chloride	2.85	84	261642	49.359	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	243425	47.830	ug/l	99
22) Diisopropyl ether	3.84	45	826343	52.244	ug/l	92
23) Vinyl Acetate	3.80	43	1902354	155.347	ug/l	99
24) 1,1-Dichloroethane	3.69	63	448252	52.096	ug/l	99
25) 2-Butanone	4.65	43	944252	239.902	ug/l	98
26) 2,2-Dichloropropane	4.58	77	311825	42.781	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	283840	49.889	ug/l	99
28) Bromochloromethane	5.00	49	176549	48.694	ug/l	97
29) Tetrahydrofuran	5.11	42	615810	264.624	ug/l	99
30) Chloroform	5.20	83	435567	51.804	ug/l	99
31) Cyclohexane	5.58	56	412443	51.211	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	370213	51.439	ug/l	99
36) 1,1-Dichloropropene	5.79	75	327878	47.282	ug/l	99
37) Ethyl Acetate	4.82	43	361864	48.041	ug/l	100
38) Carbon Tetrachloride	5.78	117	318236	49.869	ug/l	95

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 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 10 06:54:20 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)
39) Methylcyclohexane	7.46	83	416084	47.759	ug/l	99
40) Benzene	6.14	78	1027227	49.910	ug/l	99
41) Methacrylonitrile	5.03	41	211215	52.582	ug/l	98
42) 1,2-Dichloroethane	6.18	62	349542	48.573	ug/l	99
43) Isopropyl Acetate	6.43	43	616045	50.628	ug/l	99
44) Trichloroethene	7.21	130	300652	50.831	ug/l	99
45) 1,2-Dichloropropane	7.51	63	265258	50.551	ug/l	98
46) Dibromomethane	7.65	93	172371	47.065	ug/l	99
47) Bromodichloromethane	7.89	83	341980	51.316	ug/l	98
48) Methyl methacrylate	7.76	41	304065	52.174	ug/l	100
49) 1,4-Dioxane	7.73	88	112315	909.533	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1902985	256.644	ug/l	99
52) Toluene	8.78	92	648896	49.251	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	375848	48.443	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	415132	49.532	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	259875	49.107	ug/l	98
56) Ethyl methacrylate	9.17	69	421373	51.973	ug/l	100
57) 1,3-Dichloropropane	9.37	76	441613	49.910	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	715466	259.370	ug/l	99
59) 2-Hexanone	9.48	43	1428796	243.532	ug/l	100
60) Dibromochloromethane	9.57	129	273684	51.453	ug/l	100
61) 1,2-Dibromoethane	9.67	107	273251	48.745	ug/l	99
64) Tetrachloroethene	9.33	164	414592	62.467	ug/l	97
65) Chlorobenzene	10.14	112	689162	47.954	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	258191	50.342	ug/l	99
67) Ethyl Benzene	10.25	91	1215186	49.609	ug/l	98
68) m/p-Xylenes	10.35	106	932990	98.728	ug/l	99
69) o-Xylene	10.70	106	454057	50.358	ug/l	99
70) Styrene	10.71	104	778620	50.039	ug/l	100
71) Bromoform	10.85	173	212924	50.742	ug/l #	99
73) Isopropylbenzene	11.01	105	1195771	50.873	ug/l	100
74) N-amyl acetate	10.89	43	547710	52.817	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	350898	46.551	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	454846	65.677	ug/l	79
77) Bromobenzene	11.25	156	314818	48.297	ug/l	99
78) n-propylbenzene	11.35	91	1363870	50.666	ug/l	99
79) 2-Chlorotoluene	11.42	91	796658	49.656	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	992026	50.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	128162	48.926	ug/l	97
82) 4-Chlorotoluene	11.51	91	919698	48.837	ug/l	98
83) tert-Butylbenzene	11.76	119	845127	45.835	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	1007805	51.109	ug/l	100
85) sec-Butylbenzene	11.94	105	1160279	50.619	ug/l	99
86) p-Isopropyltoluene	12.06	119	1065041	50.071	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	552210	47.204	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	554311	50.442	ug/l	99
89) n-Butylbenzene	12.39	91	924257	47.524	ug/l	99
90) Hexachloroethane	12.59	117	189434	50.702	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	560312	48.887	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84948	50.100	ug/l	99

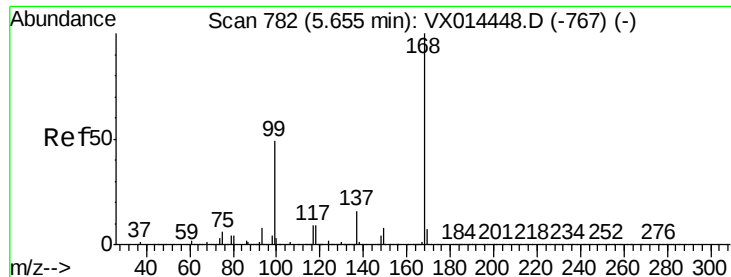
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
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Instrument :
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Quant Time: Jan 10 06:54:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	380431	47.288	ug/l	99
94) Hexachlorobutadiene	13.78	225	180812	47.995	ug/l	99
95) Naphthalene	13.83	128	1158411	46.397	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	385624	48.840	ug/l	99

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

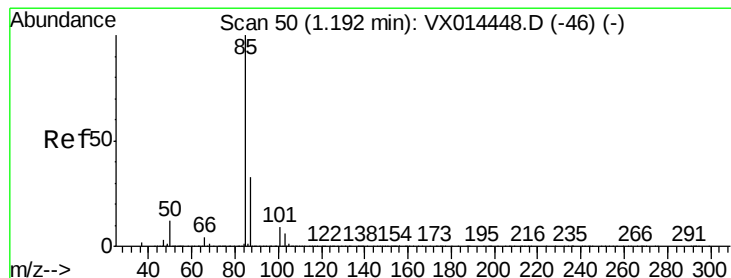
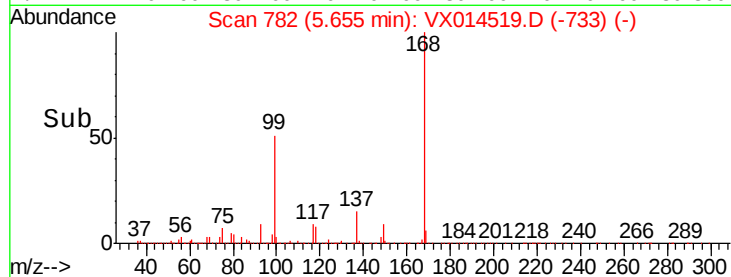
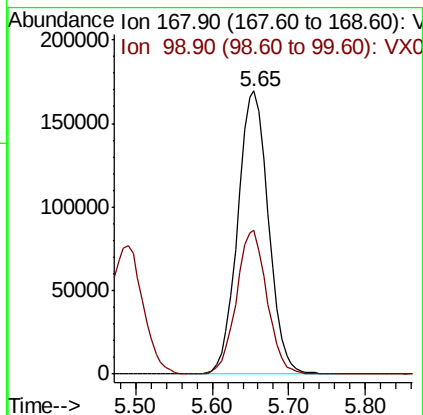
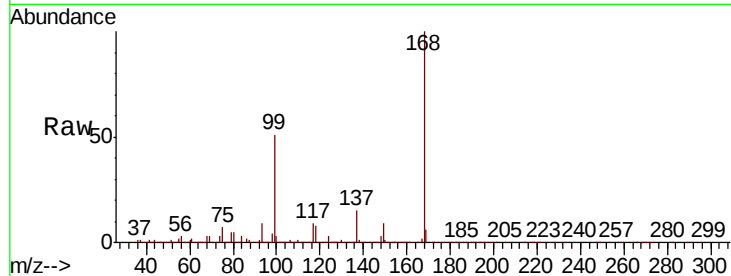


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

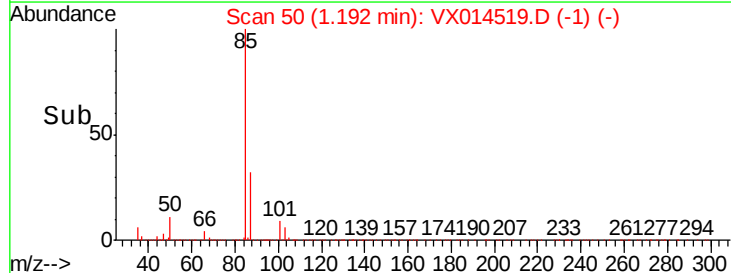
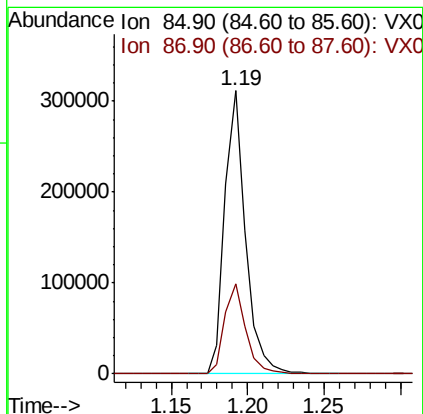
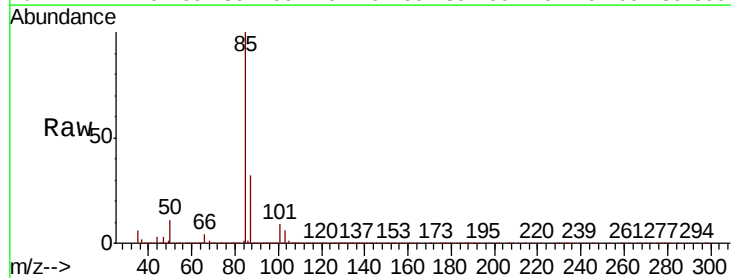
Tot Ion:168 Resp: 472010
 Ion Ratio Lower Upper
 168 100
 99 50.7 39.2 58.8

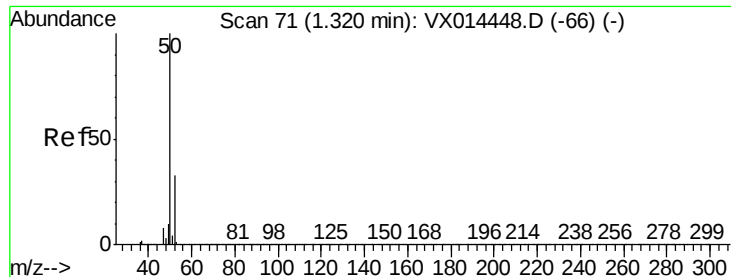


#2

Dichlorodifluoromethane
 Concen: 50.133 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

Tgt Ion: 85 Resp: 293790
 Ion Ratio Lower Upper
 85 100
 87 31.6 16.5 49.5

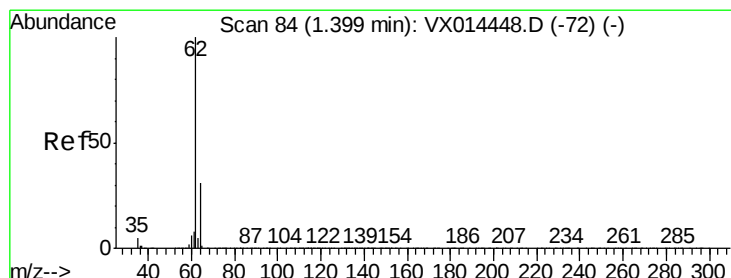
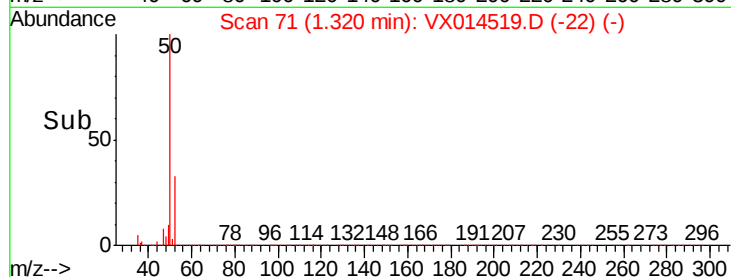
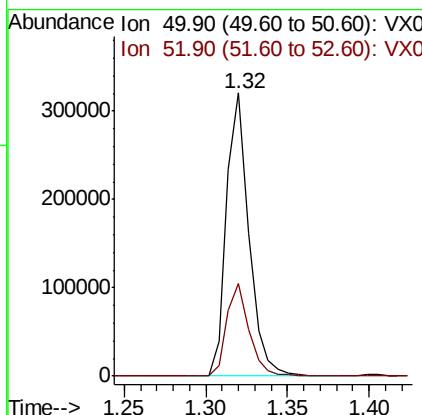
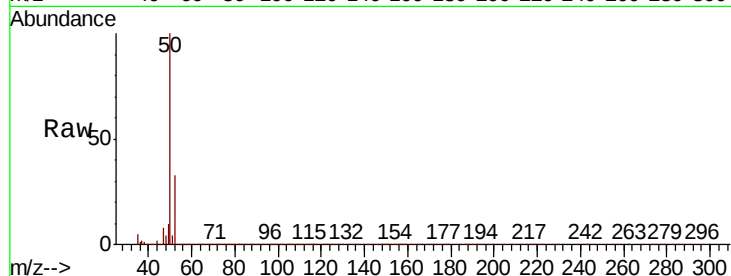




#3
Chloromethane
Concen: 50.971 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

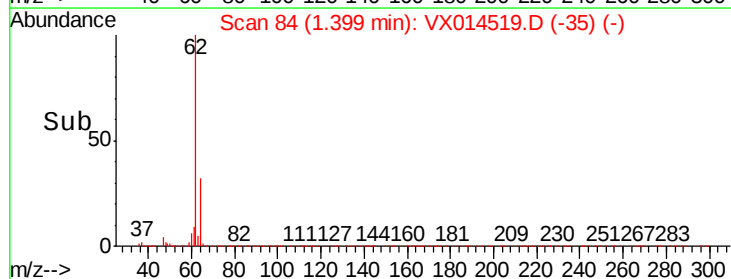
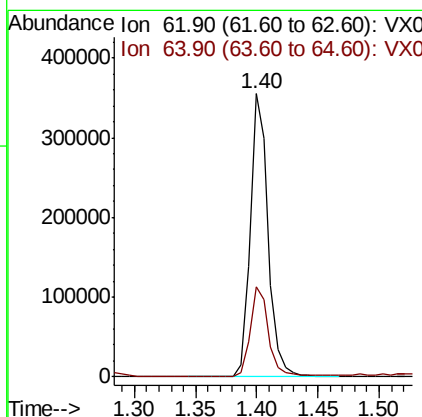
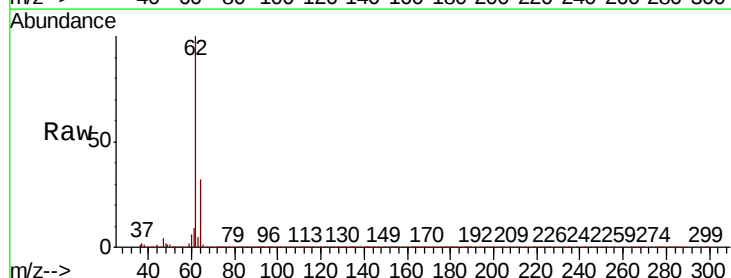
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

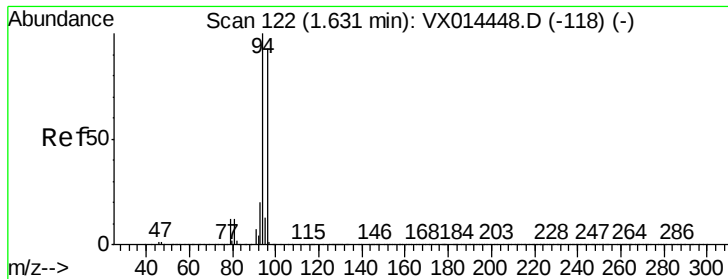
Tot Ion: 50 Resp: 306679
Ion Ratio Lower Upper
50 100
52 32.7 26.1 39.1



#4
Vinyl Chloride
Concen: 53.456 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 62 Resp: 358394
Ion Ratio Lower Upper
62 100
64 31.5 24.6 37.0





#5

Bromomethane

Concen: 43.400 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

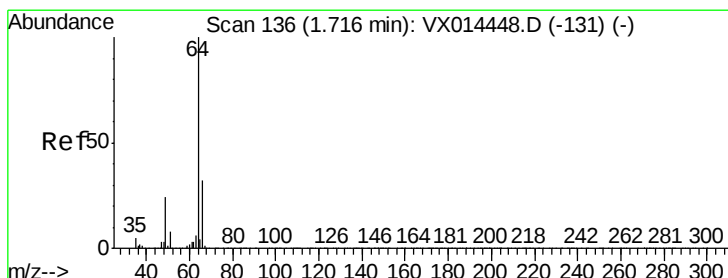
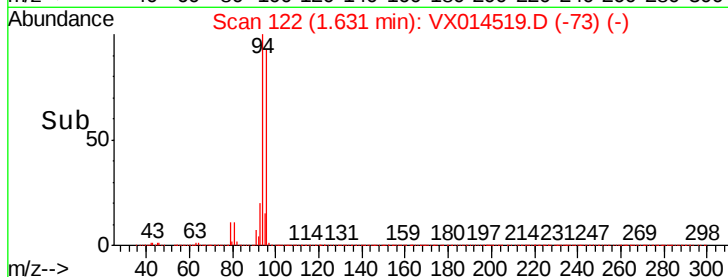
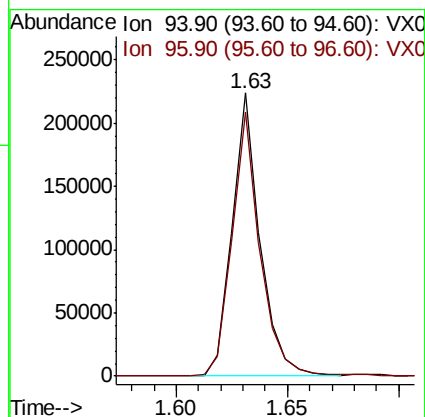
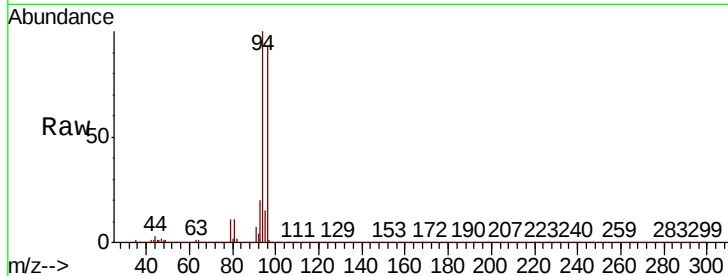
VSTDCCC050EC

Tot Ion: 94 Resp: 192876

Ion Ratio Lower Upper

94 100

96 93.2 74.2 111.2



#6

Chloroethane

Concen: 52.769 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014519.D

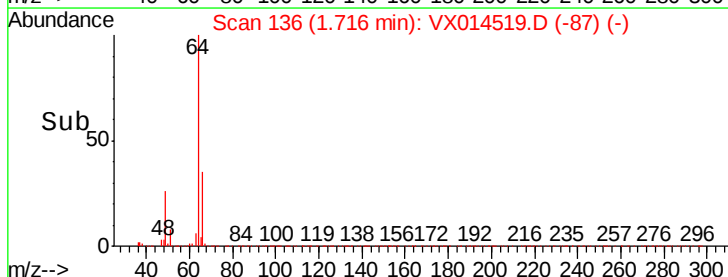
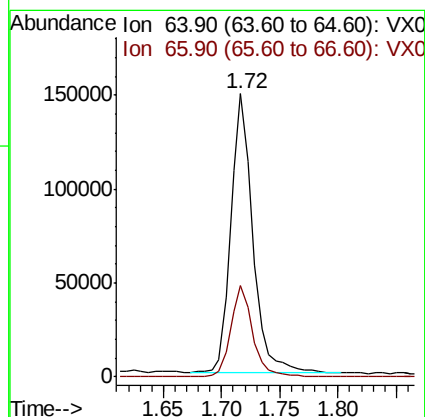
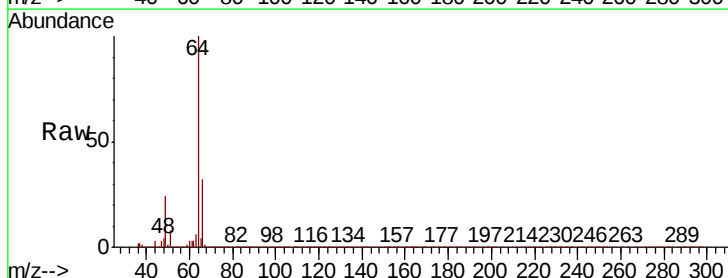
Acq: 09 Jan 2020 23:58

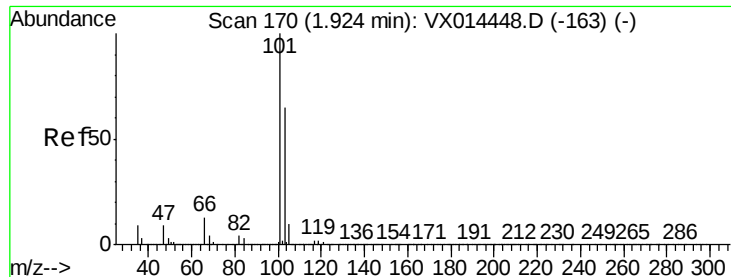
Tgt Ion: 64 Resp: 192526

Ion Ratio Lower Upper

64 100

66 32.7 25.3 37.9



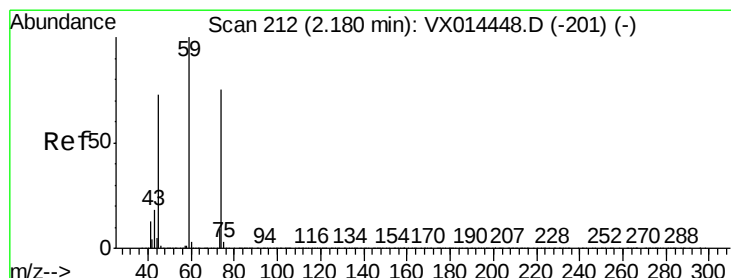
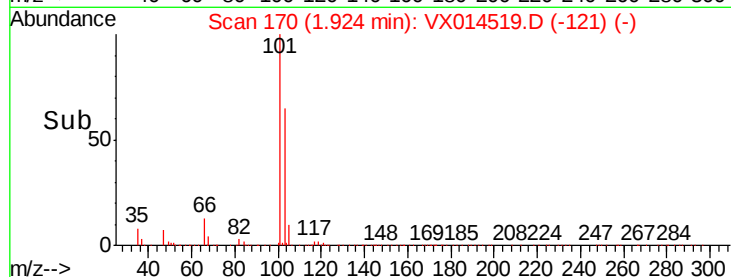
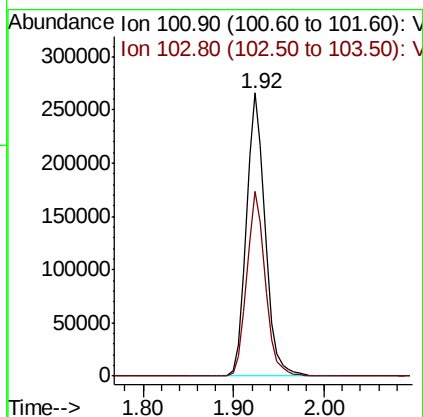
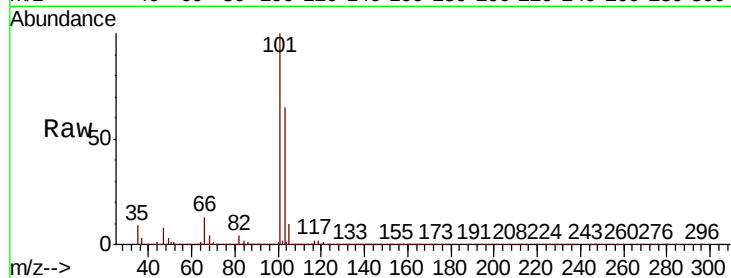


#7

Trichlorofluoromethane
Concen: 50.050 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

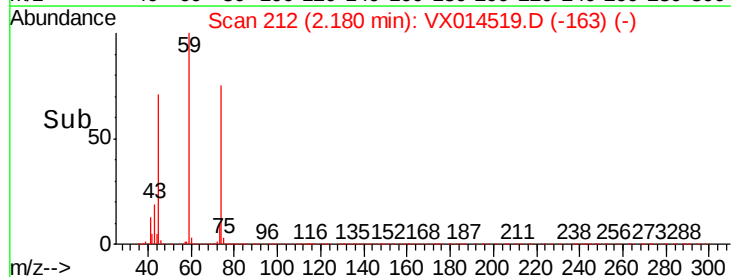
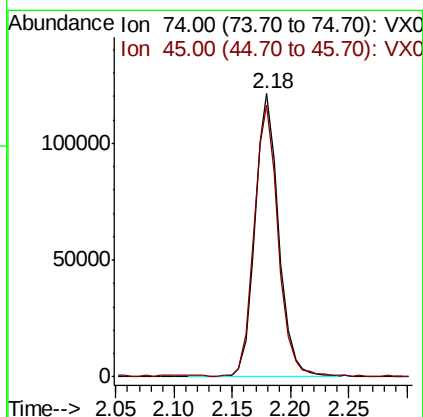
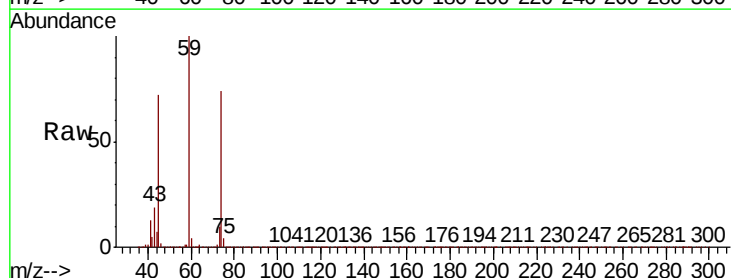
Tot Ion:101 Resp: 380646
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.4

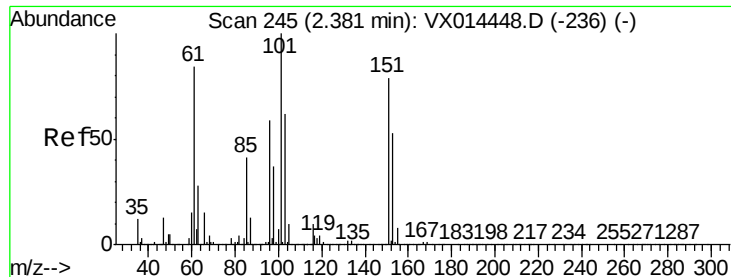


#8

Diethyl Ether
Concen: 49.162 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 74 Resp: 170579
Ion Ratio Lower Upper
74 100
45 97.0 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.321 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

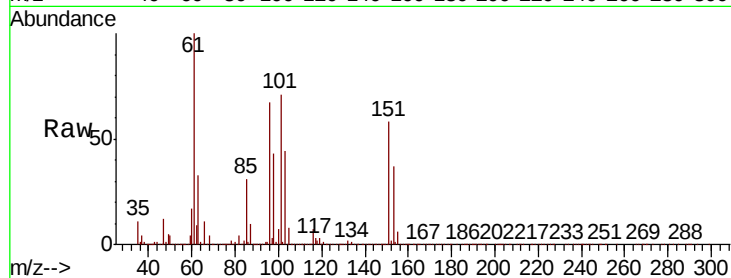
Tot Ion:101 Resp: 223581

Ion Ratio Lower Upper

101 100

85 42.0 33.8 50.8

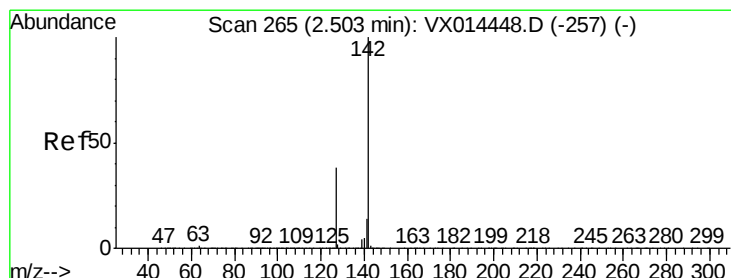
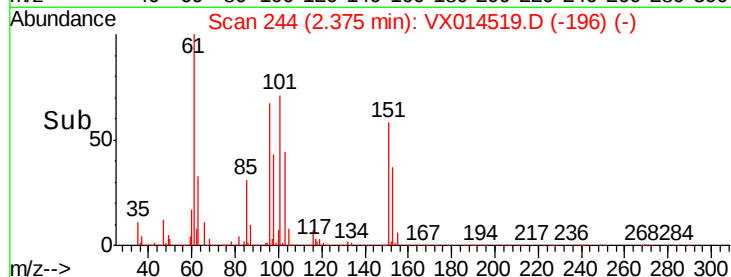
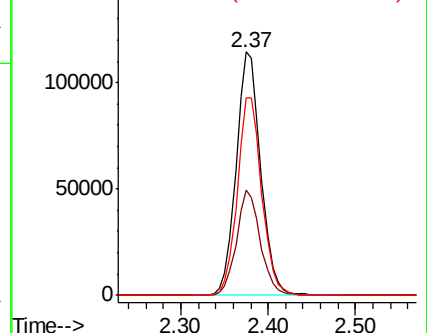
151 81.6 65.3 97.9



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: 53.881 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

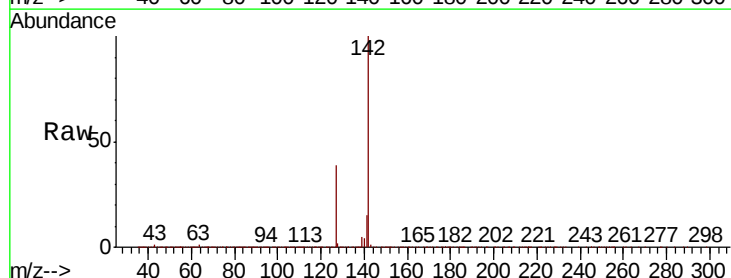
Tgt Ion:142 Resp: 298525

Ion Ratio Lower Upper

142 100

127 38.3 31.2 46.8

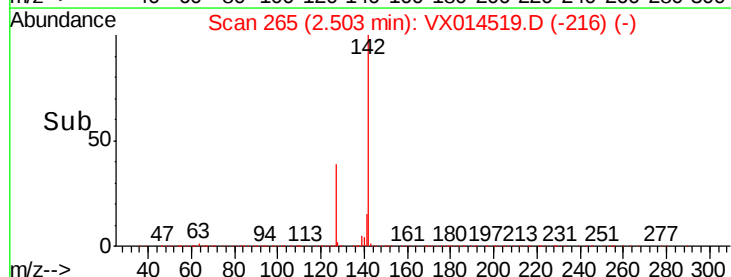
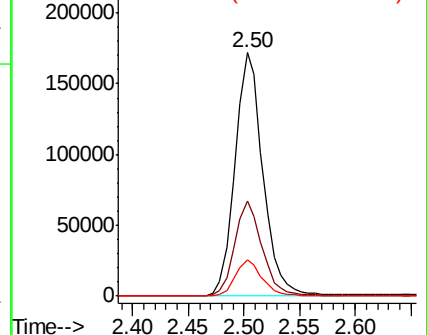
141 14.7 11.4 17.2

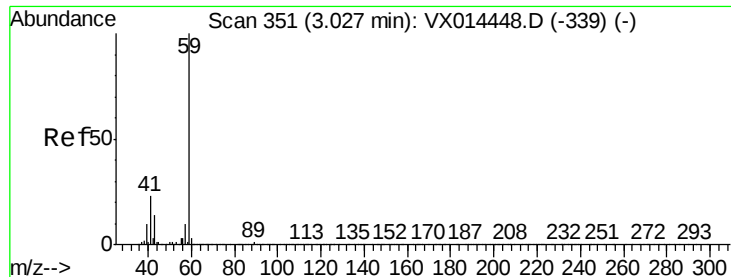


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



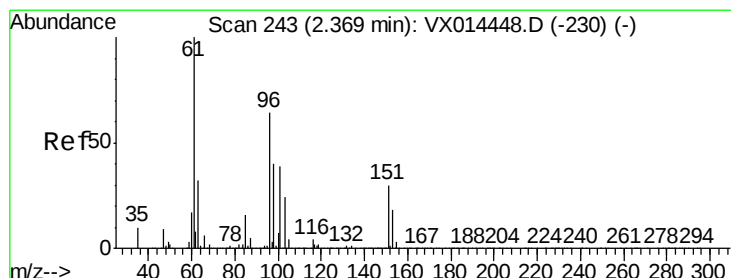
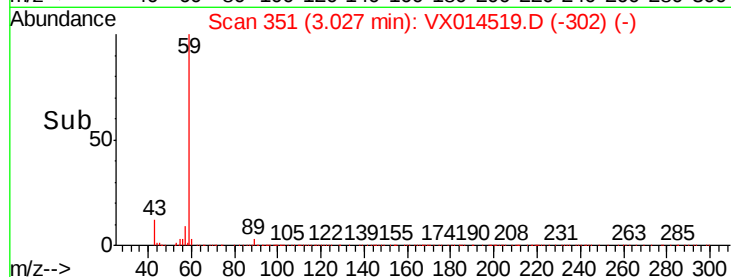
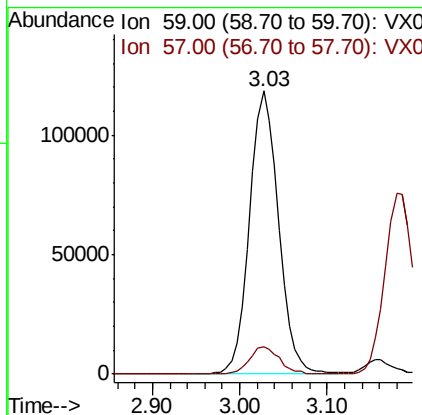
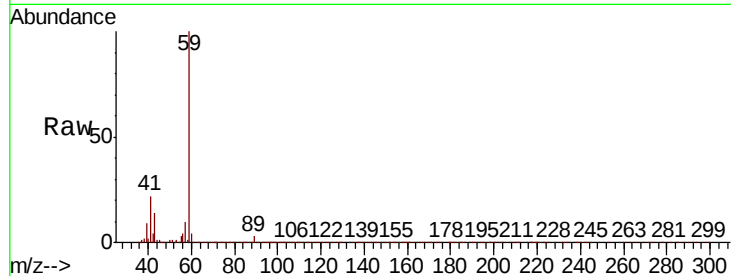


#11

Tert butyl alcohol
Concen: 249.324 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

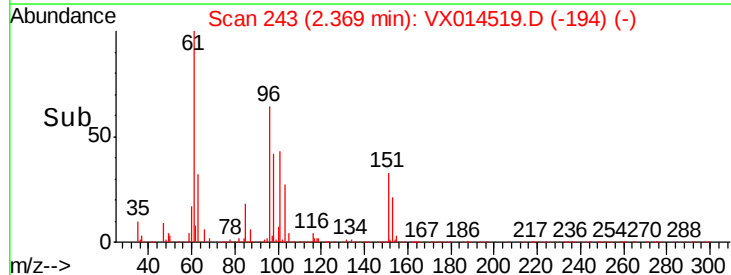
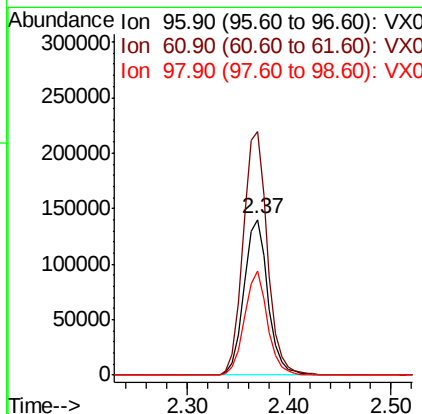
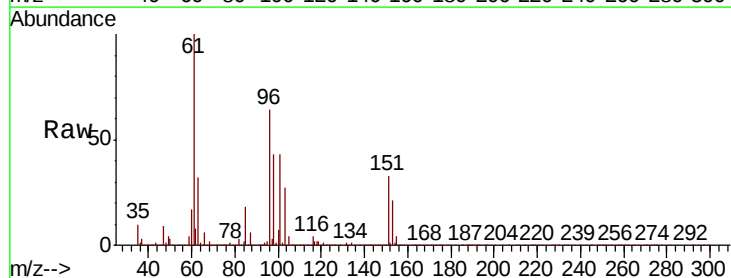
Tot Ion: 59 Resp: 274308
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

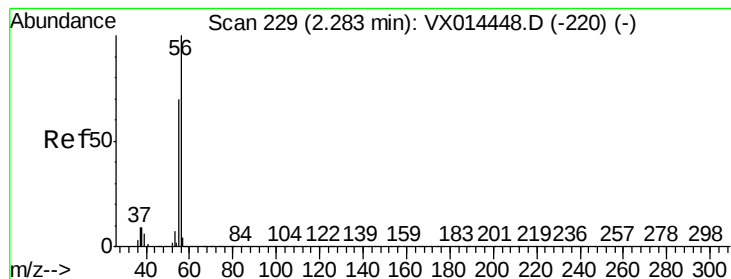


#12

1,1-Dichloroethene
Concen: 48.740 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 96 Resp: 227216
Ion Ratio Lower Upper
96 100
61 156.3 125.0 187.6
98 66.5 50.2 75.2





#13

Acrolein

Concen: 238.568 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

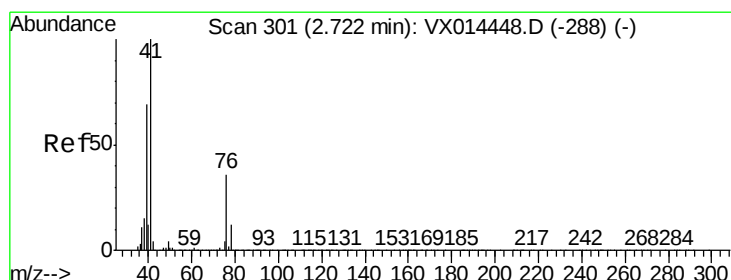
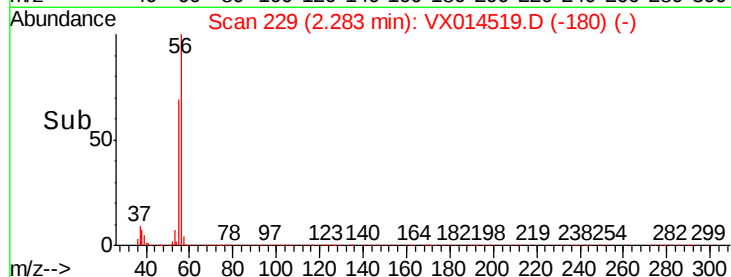
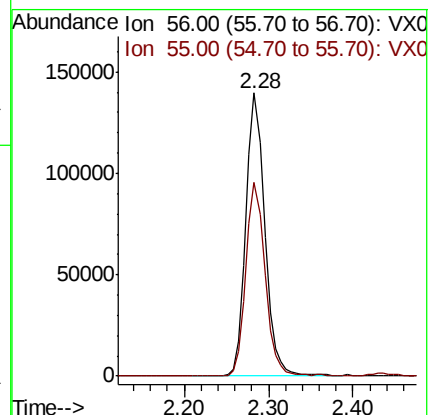
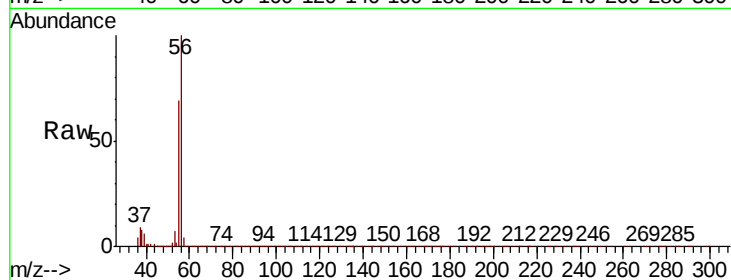
VSTDCCC050EC

Tot Ion: 56 Resp: 210380

Ion Ratio Lower Upper

56 100

55 68.7 55.0 82.6



#14

Allyl chloride

Concen: 48.780 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

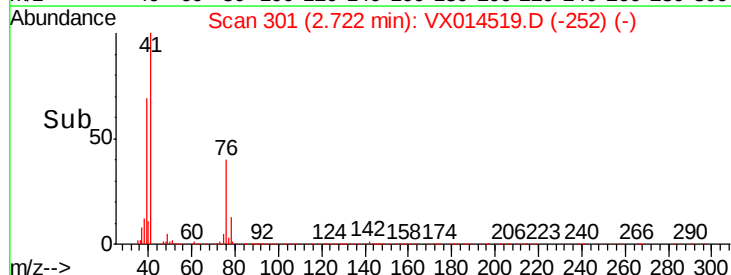
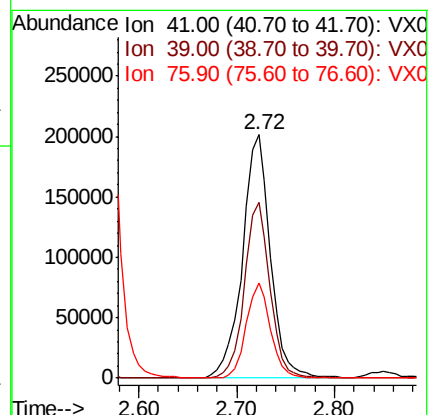
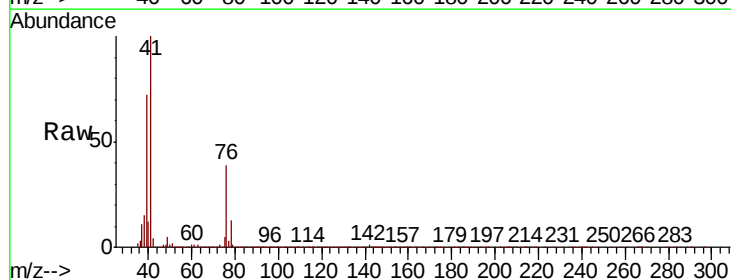
Tgt Ion: 41 Resp: 399248

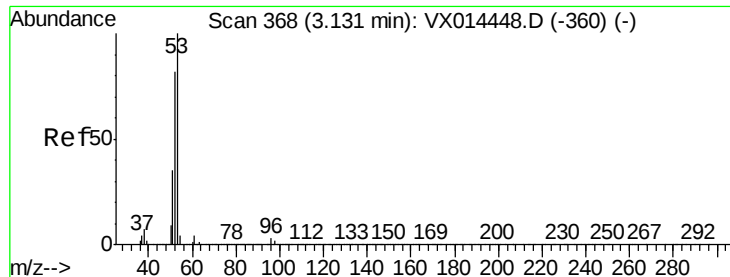
Ion Ratio Lower Upper

41 100

39 65.9 51.7 77.5

76 33.9 26.8 40.2





#15

Acrylonitrile

Concen: 259.082 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

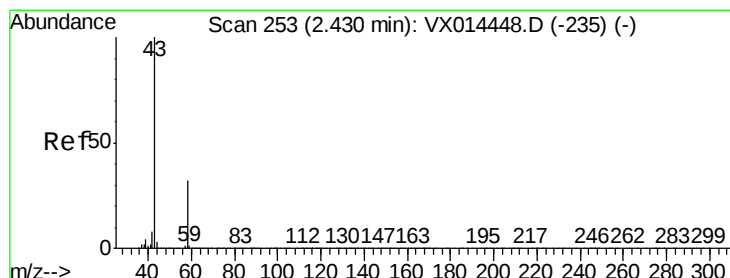
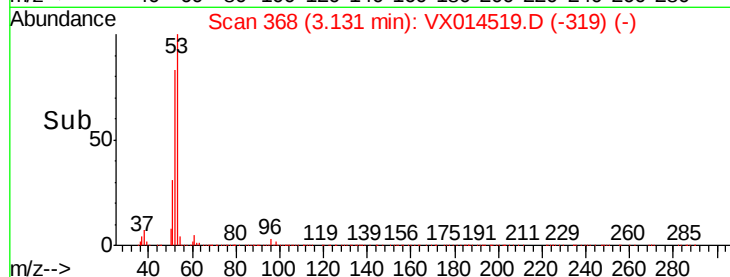
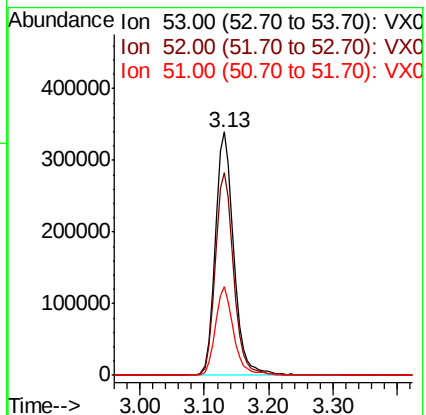
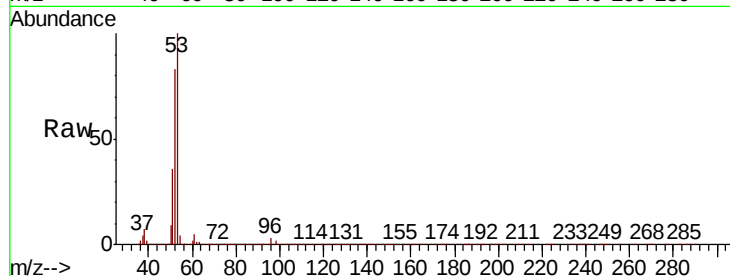
Tot Ion: 53 Resp: 687962

Ion Ratio Lower Upper

53 100

52 82.9 67.0 100.4

51 35.9 28.5 42.7



#16

Acetone

Concen: 217.910 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014519.D

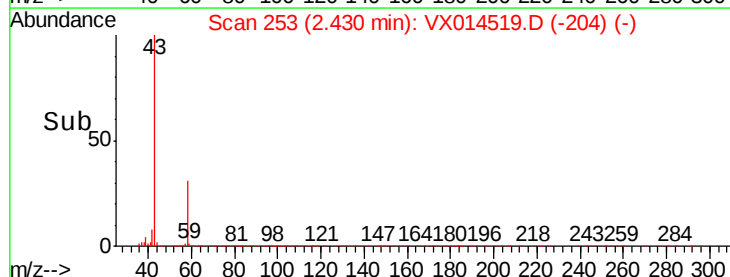
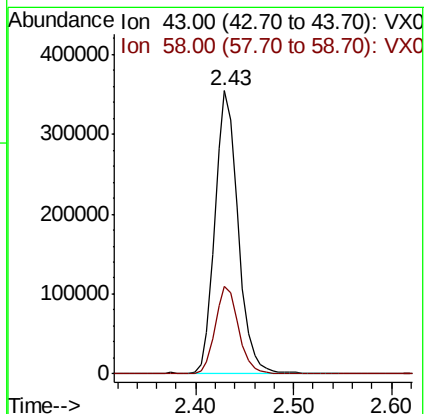
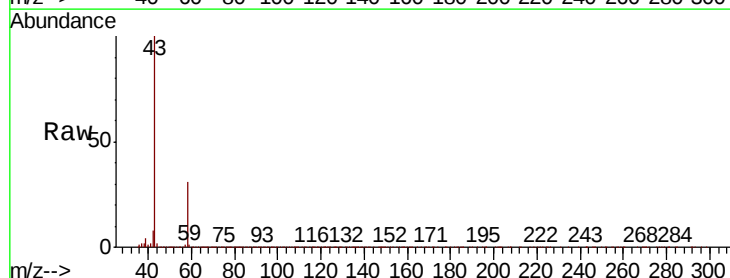
Acq: 09 Jan 2020 23:58

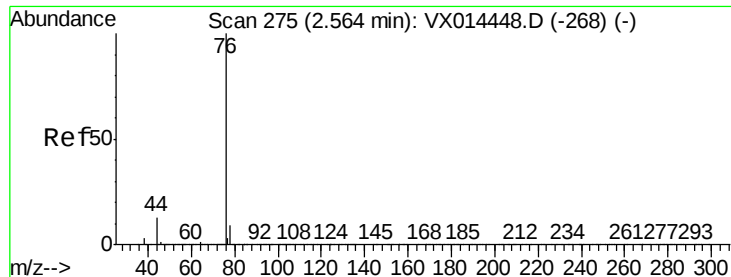
Tgt Ion: 43 Resp: 577134

Ion Ratio Lower Upper

43 100

58 31.1 25.4 38.0

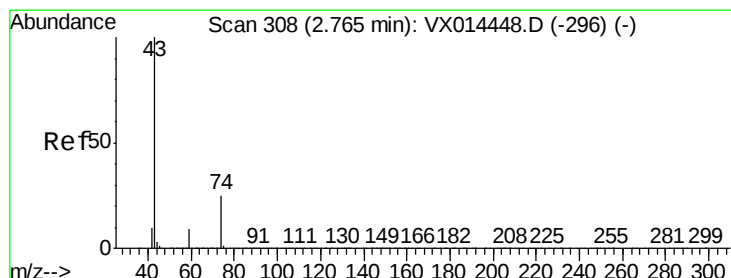
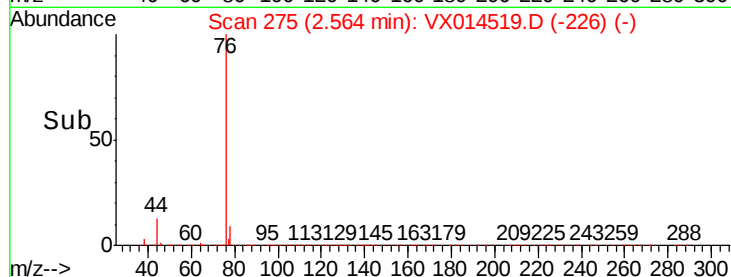
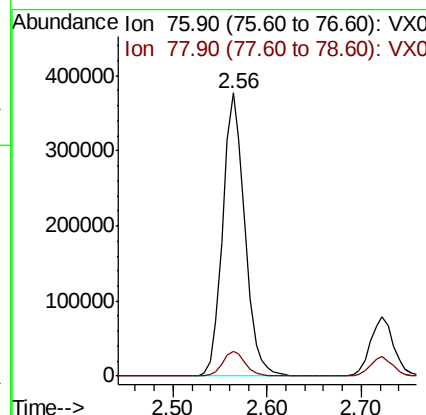
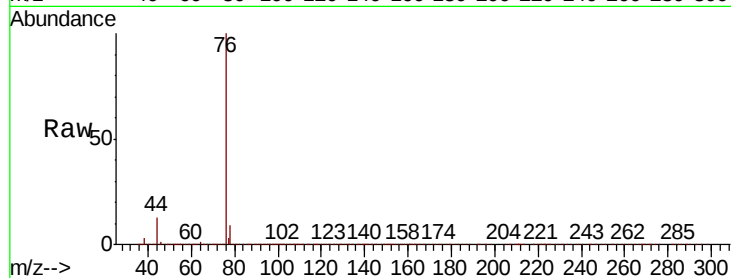




#17
Carbon Disulfide
Concen: 47.006 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

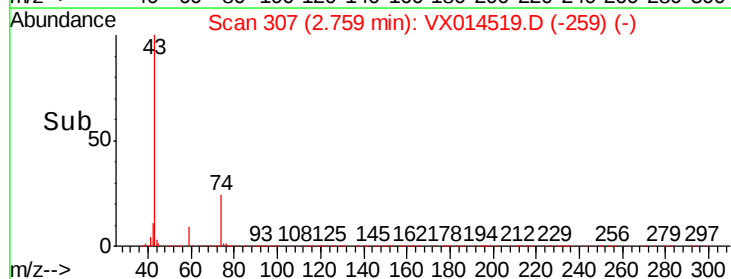
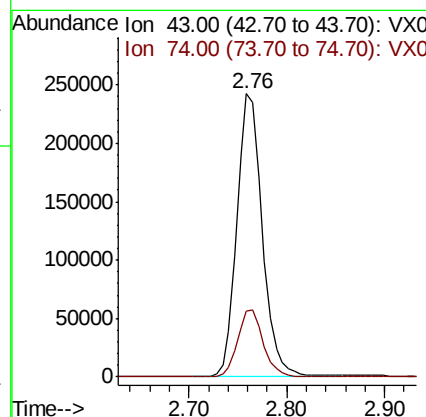
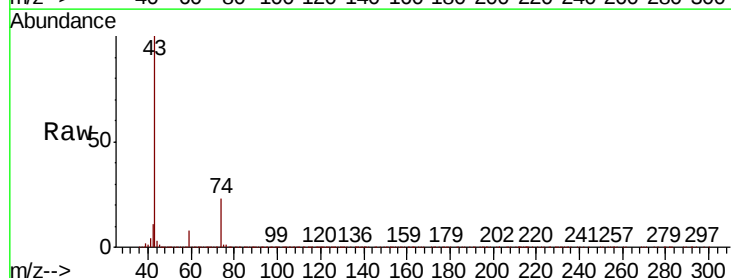
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

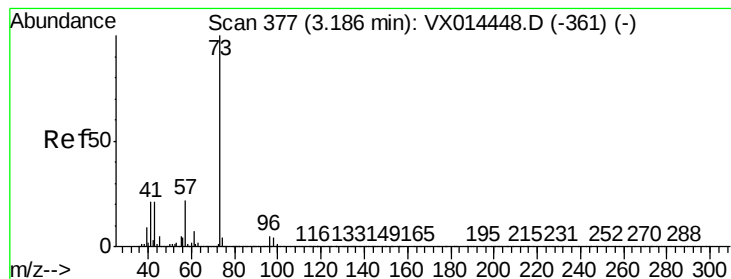
Tot Ion: 76 Resp: 611441
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 57.732 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 43 Resp: 437221
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2



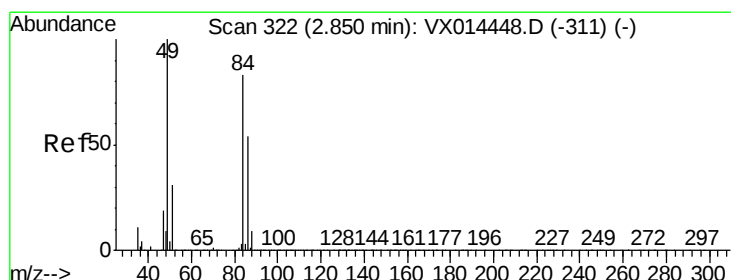
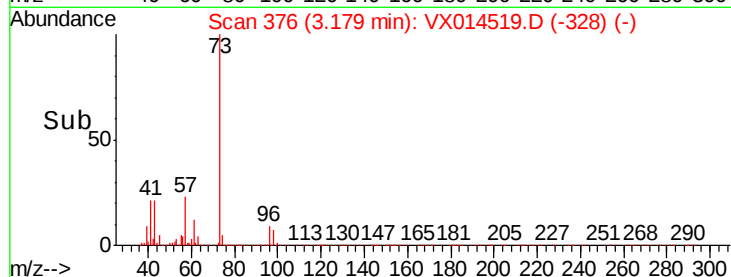
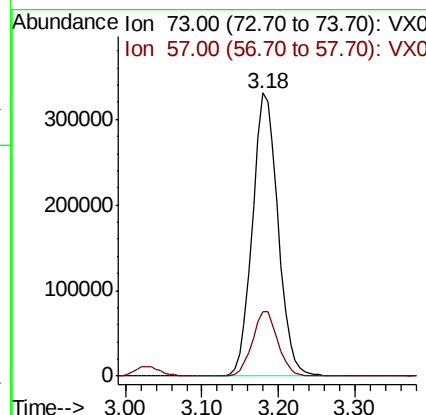
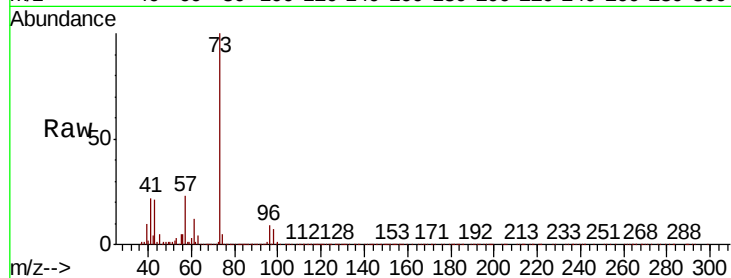


#19

Methyl tert-butyl Ether
 Concen: 51.440 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

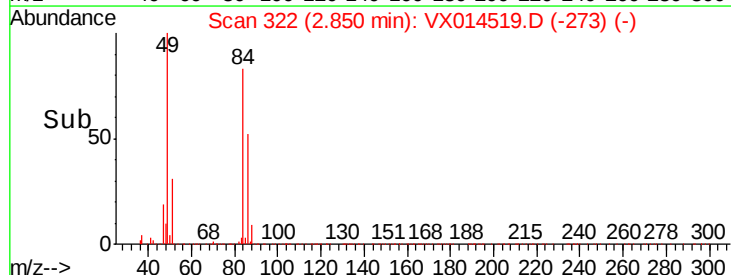
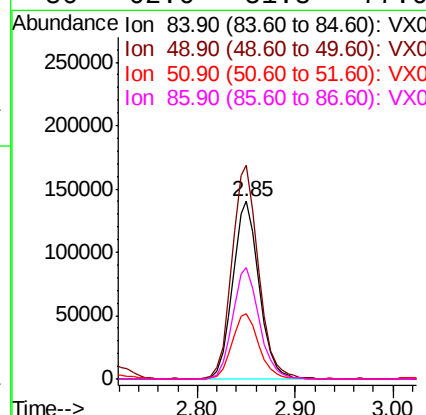
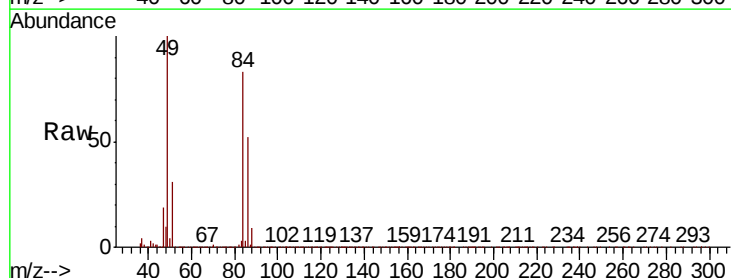
Tot Ion: 73 Resp: 769805
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.8 26.8

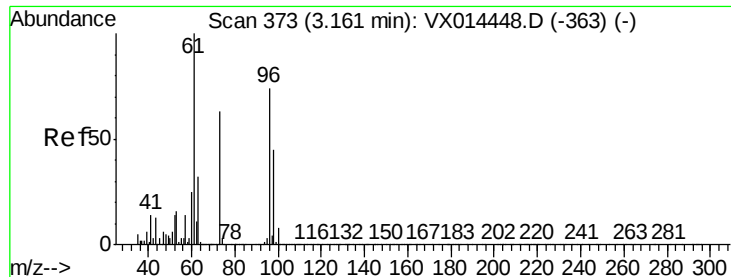


#20

Methylene Chloride
 Concen: 49.359 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

Tgt Ion: 84 Resp: 261642
 Ion Ratio Lower Upper
 84 100
 49 120.1 95.8 143.8
 51 36.6 30.2 45.4
 86 62.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.830 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

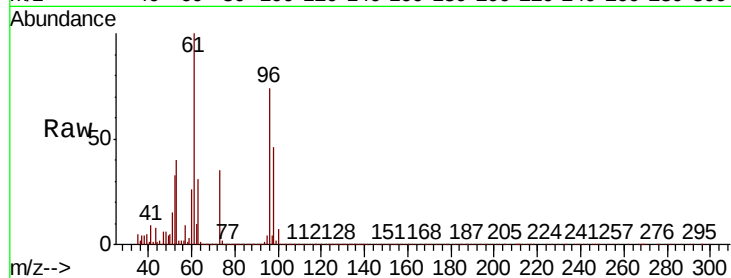
Tot Ion: 96 Resp: 243425

Ion Ratio Lower Upper

96 100

61 135.8 108.2 162.4

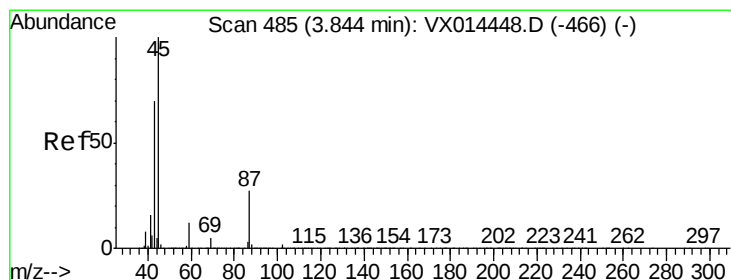
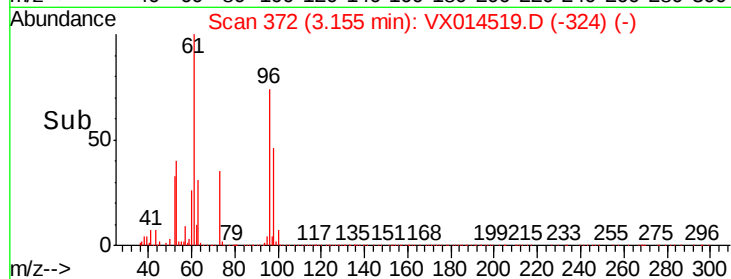
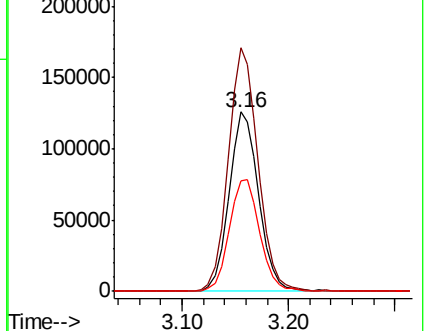
98 61.8 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.244 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Tgt Ion: 45 Resp: 826343

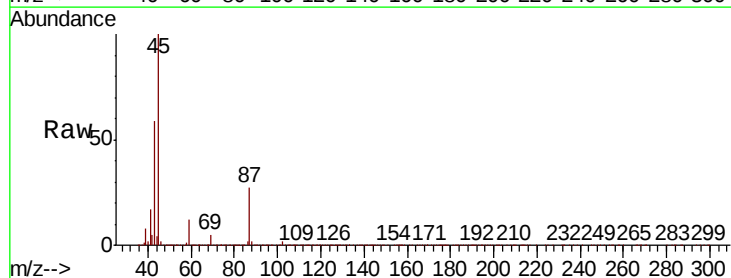
Ion Ratio Lower Upper

45 100

43 59.2 55.8 83.6

87 27.2 21.8 32.8

59 11.6 9.1 13.7

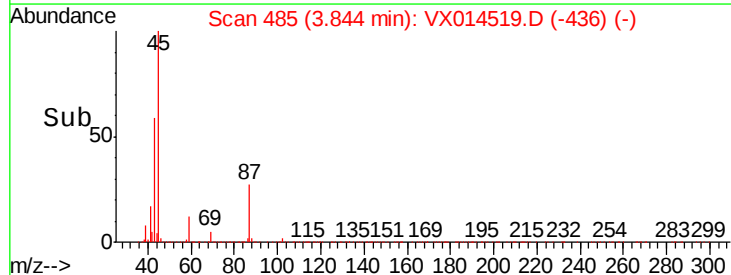
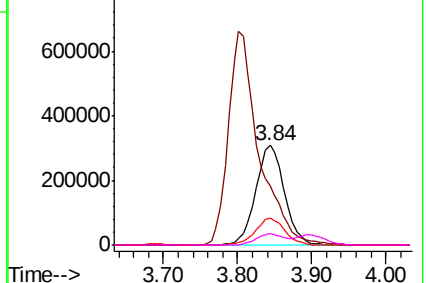


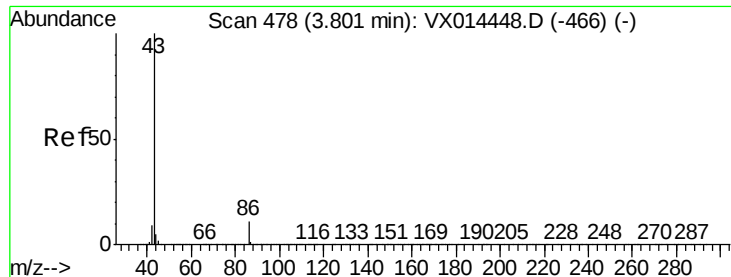
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 155.347 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

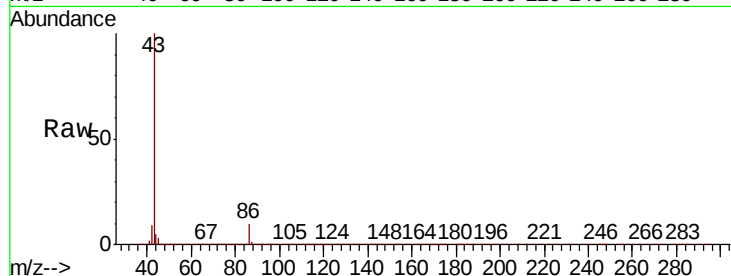
VSTDCCC050EC

Tot Ion: 43 Resp: 1902354

Ion Ratio Lower Upper

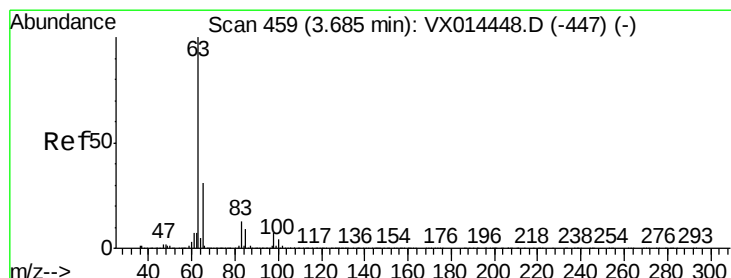
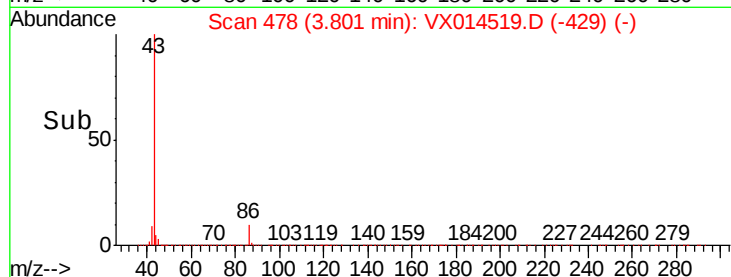
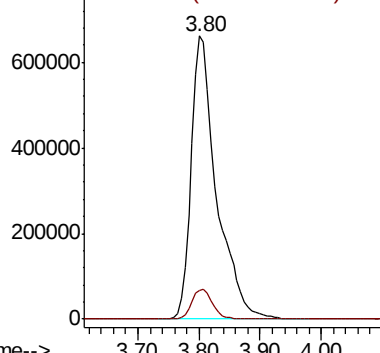
43 100

86 10.3 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.096 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

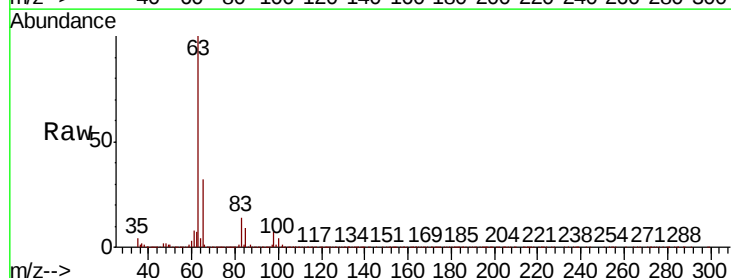
Tgt Ion: 63 Resp: 448252

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

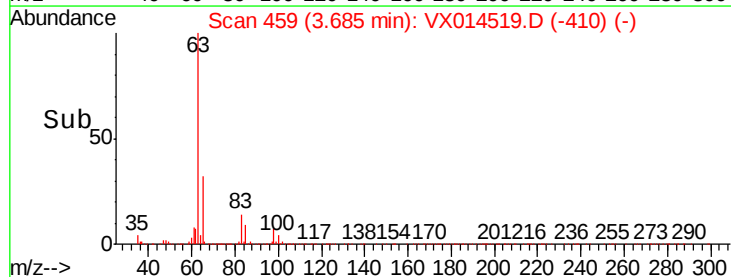
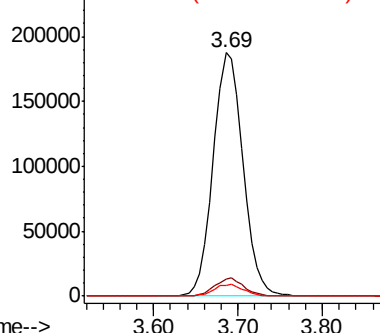
100 4.3 2.3 6.8

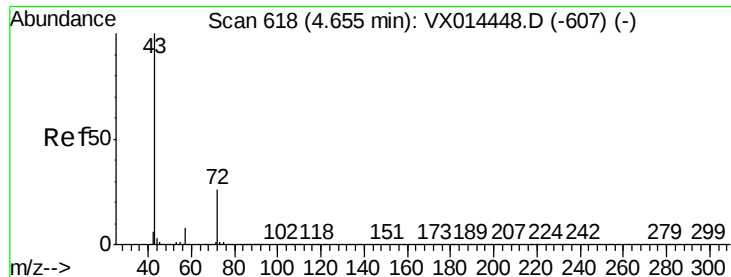


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.902 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

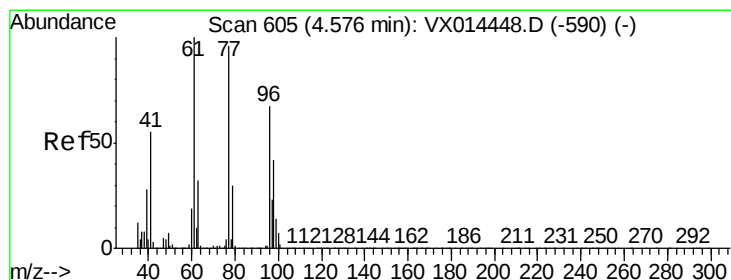
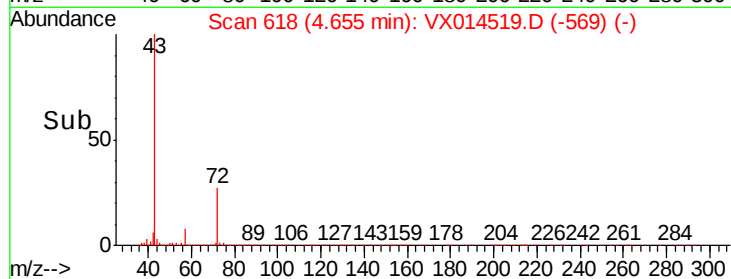
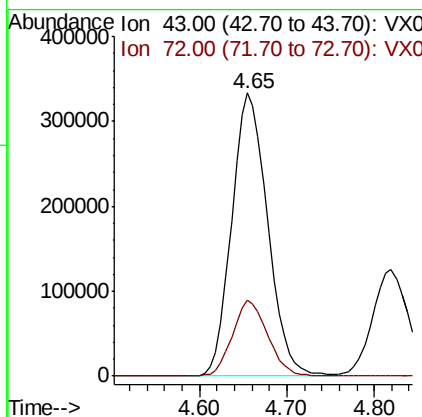
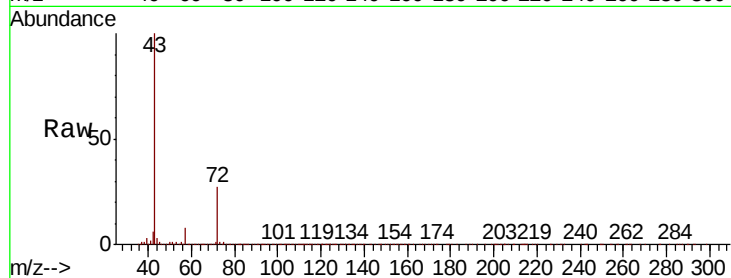
VSTDCCC050EC

Tot Ion: 43 Resp: 944252

Ion Ratio Lower Upper

43 100

72 26.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 42.781 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014519.D

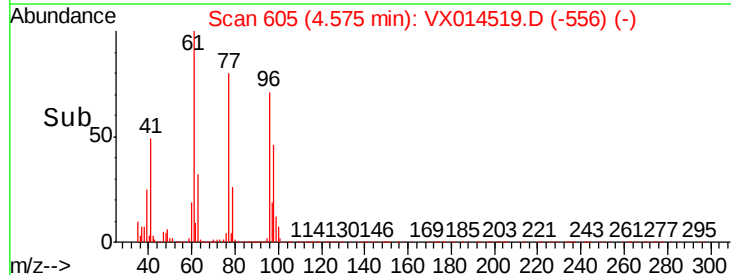
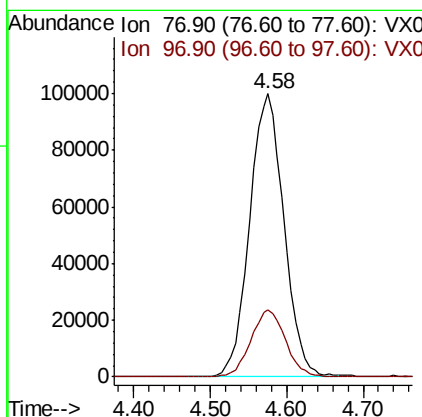
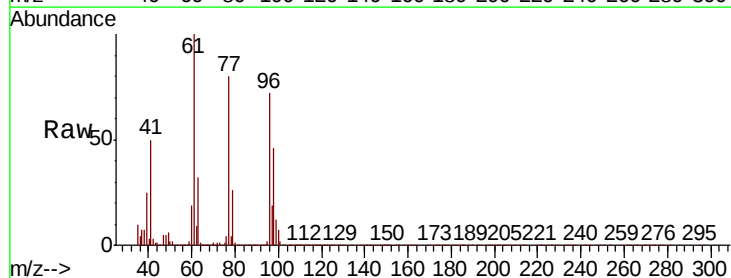
Acq: 09 Jan 2020 23:58

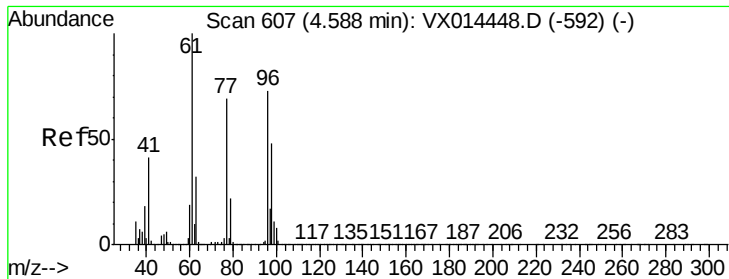
Tgt Ion: 77 Resp: 311825

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1



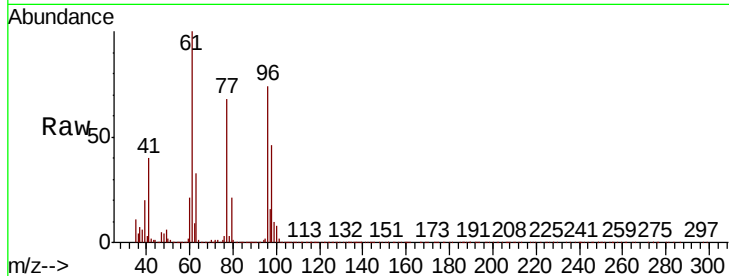


#27

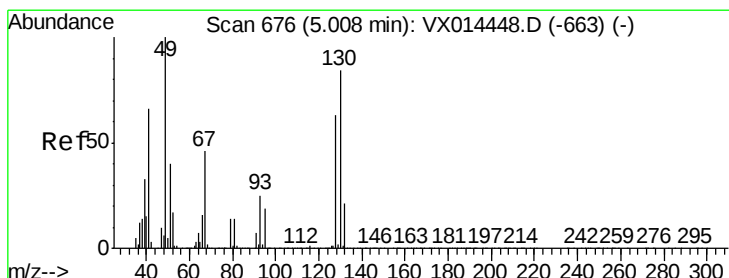
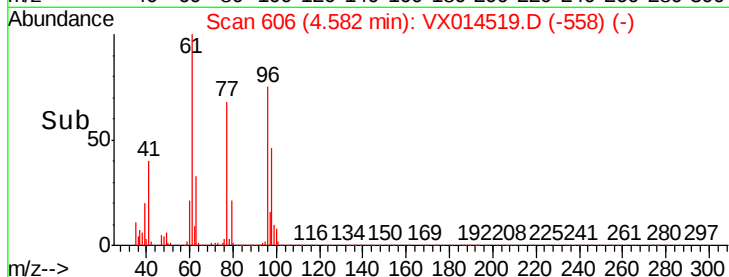
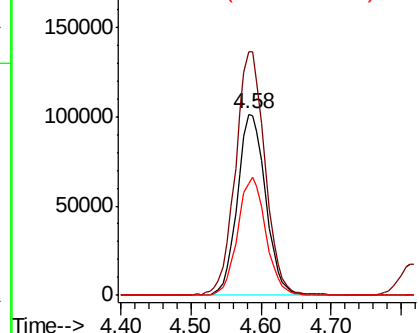
cis-1,2-Dichloroethene
Concen: 49.889 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	285.4
98	64.9	0.0	130.6



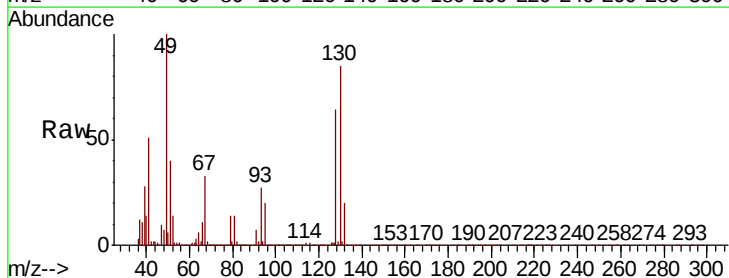
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



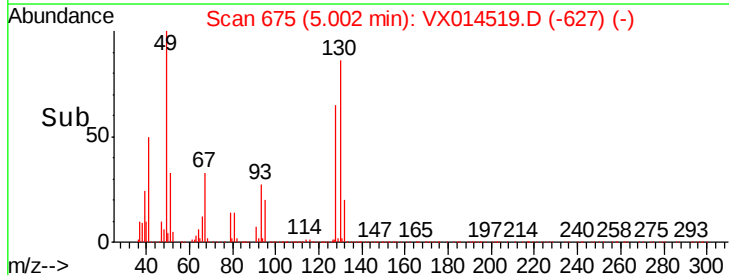
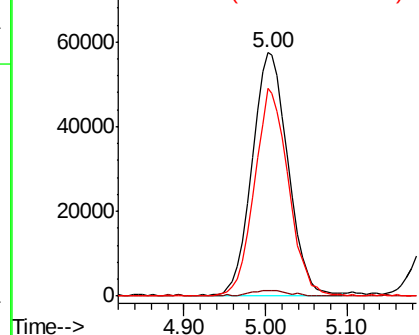
#28

Bromochloromethane
Concen: 48.694 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	80.8	67.0	100.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 264.624 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

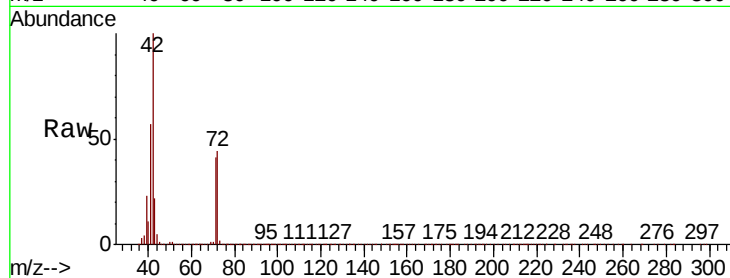
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 615810

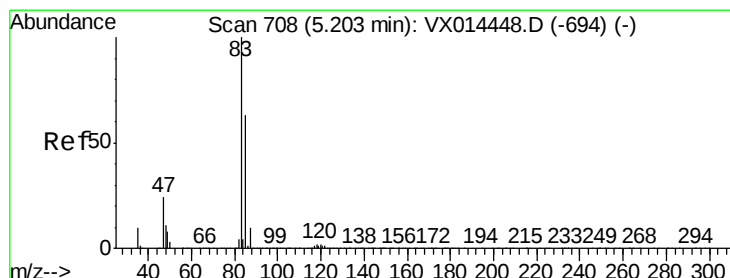
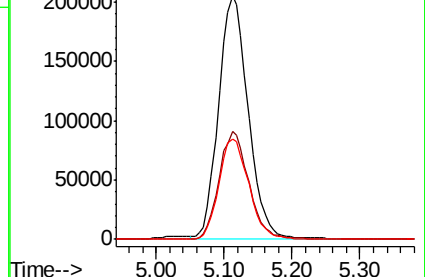
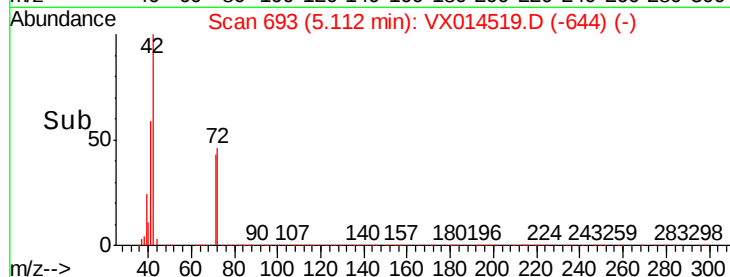
Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.2	54.4
71	41.9	34.1	51.1



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: 51.804 ug/l

RT: 5.20 min Scan# 707

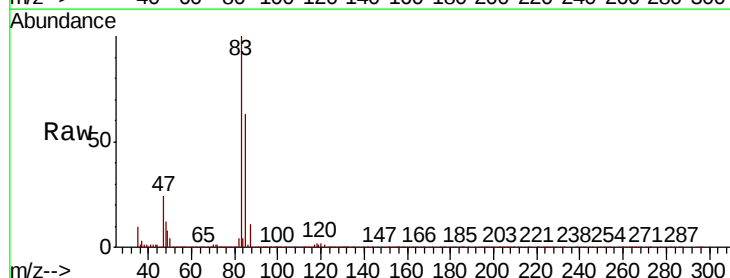
Delta R.T. -0.01 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

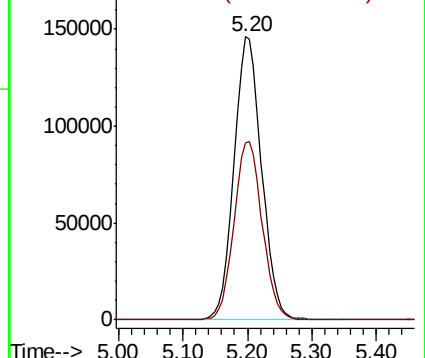
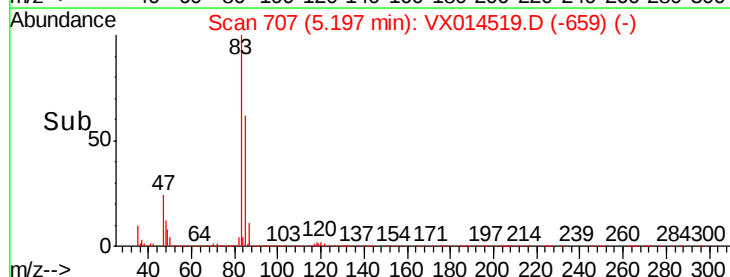
Tgt Ion: 83 Resp: 435567

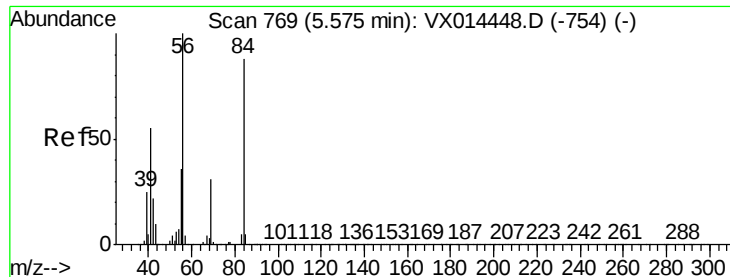
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.6	75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

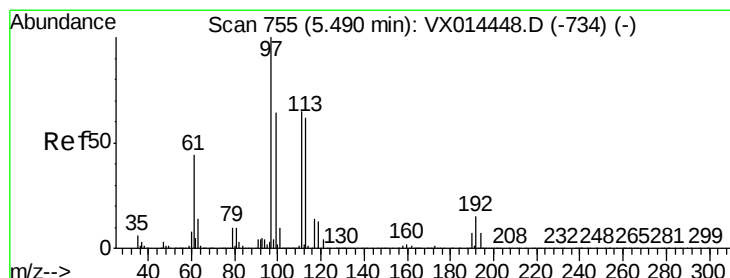
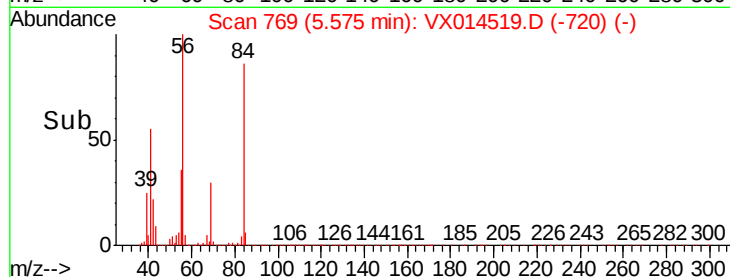
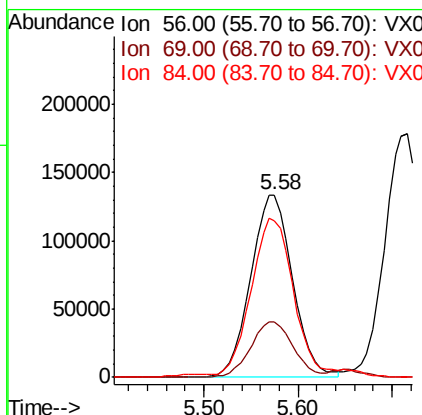
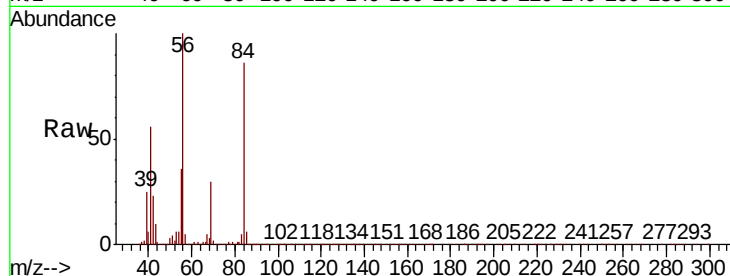




#31
Cyclohexane
Concen: 51.211 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

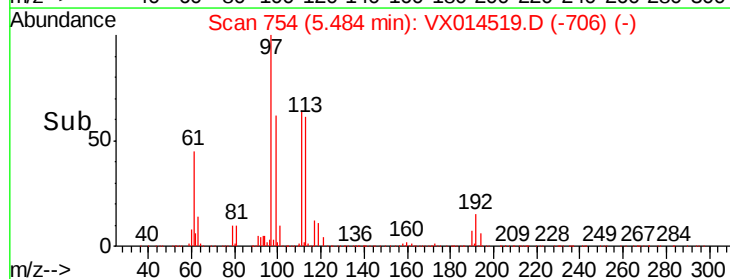
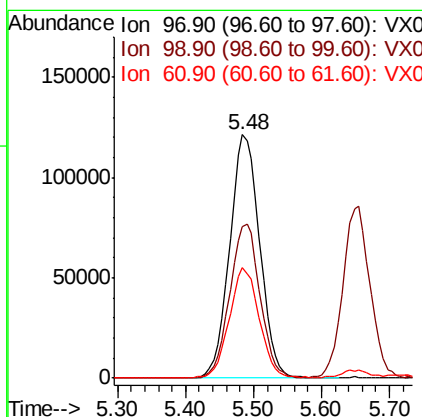
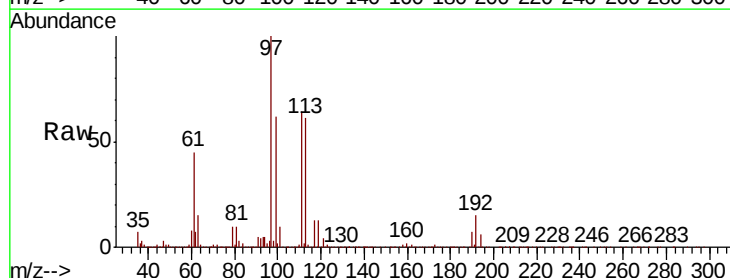
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

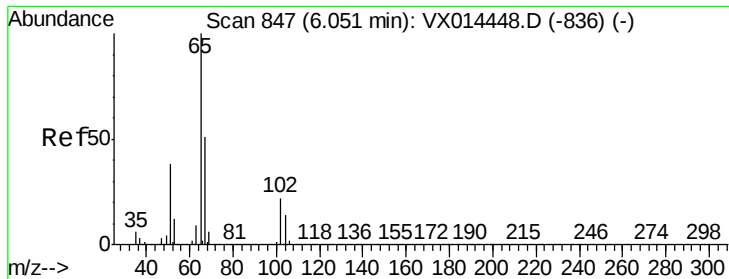
Tot Ion: 56 Resp: 412443
Ion Ratio Lower Upper
56 100
69 30.3 24.4 36.6
84 84.3 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 51.439 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 97 Resp: 370213
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 45.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 51.563 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

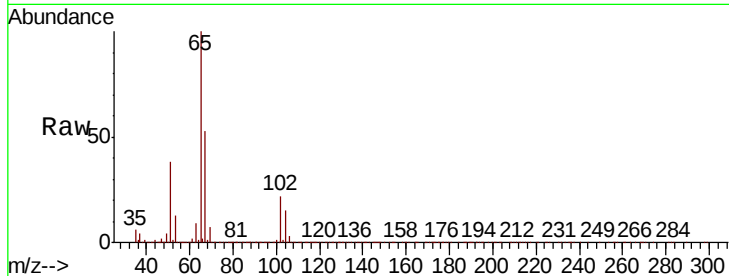
VSTDCCC050EC

Tot Ion: 65 Resp: 271698

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

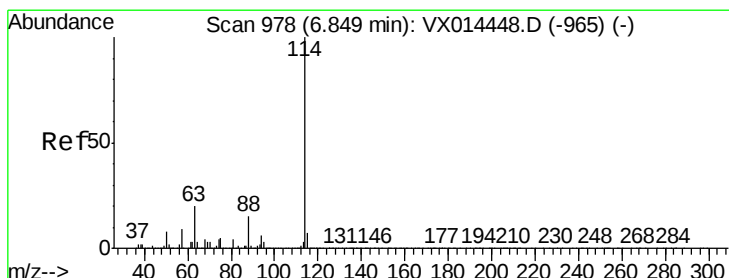
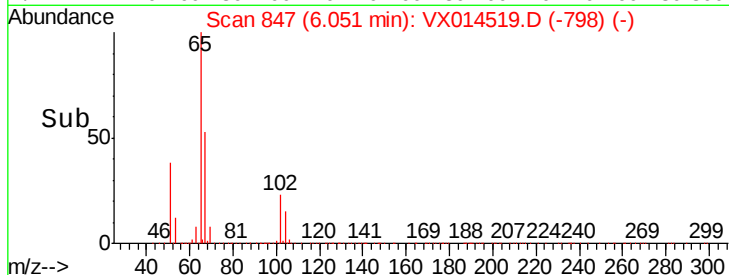
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

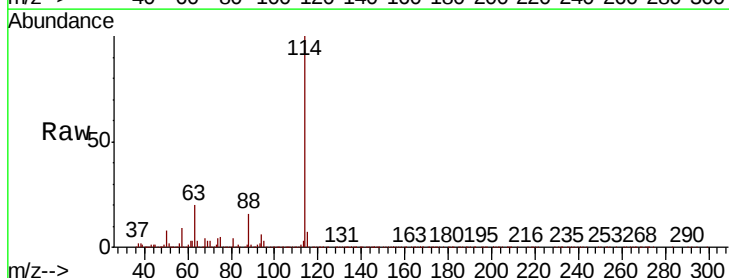
Tgt Ion: 114 Resp: 737403

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.8 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

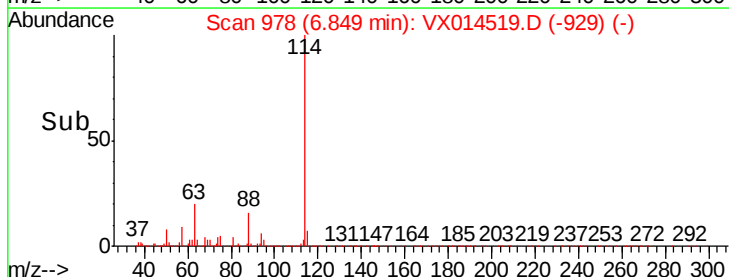
300000

200000

100000

0

Time-->

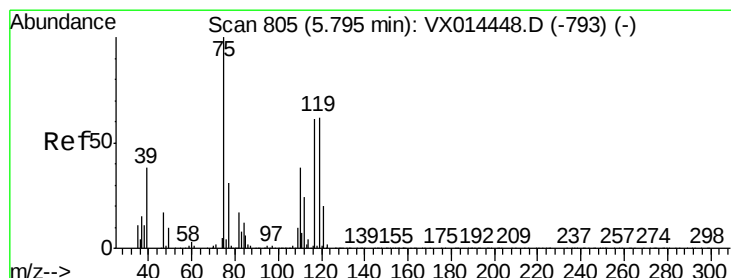
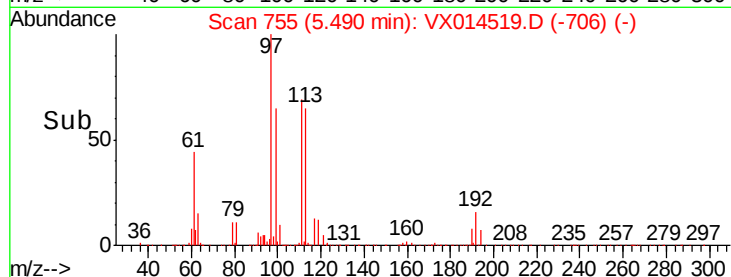
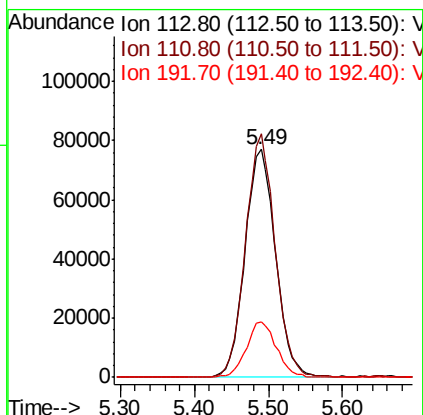
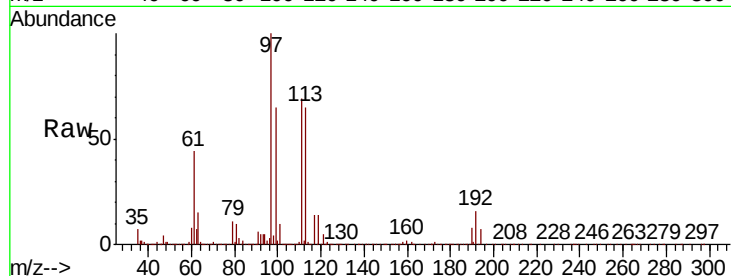




#35
 Dibromofluoromethane
 Concen: 49.646 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

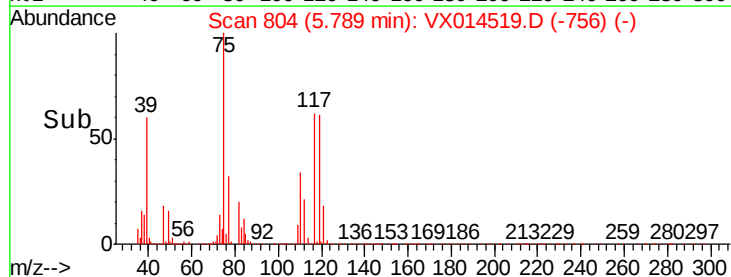
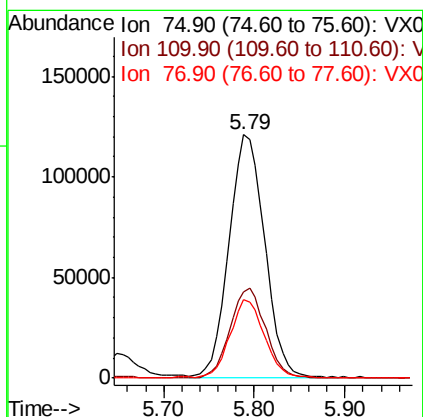
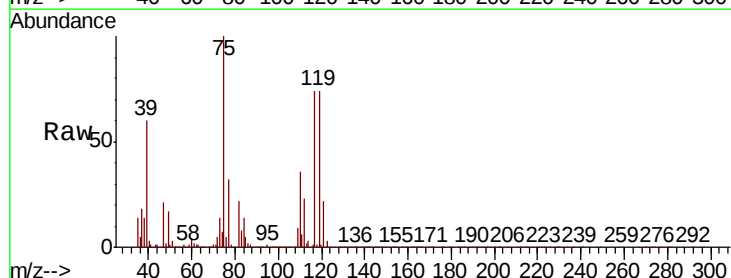
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

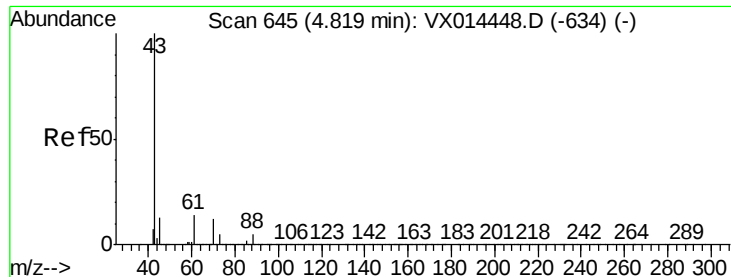
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.5	122.3
192	23.7	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 47.282 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.6	55.8
77	31.2	24.5	36.7

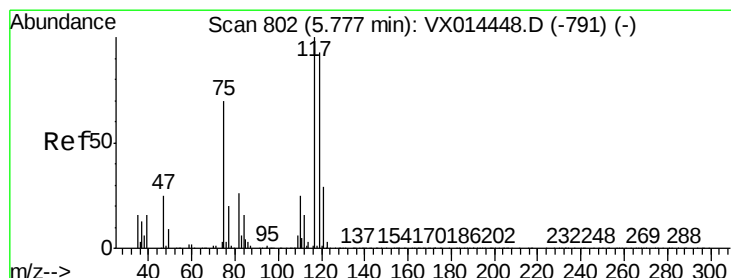
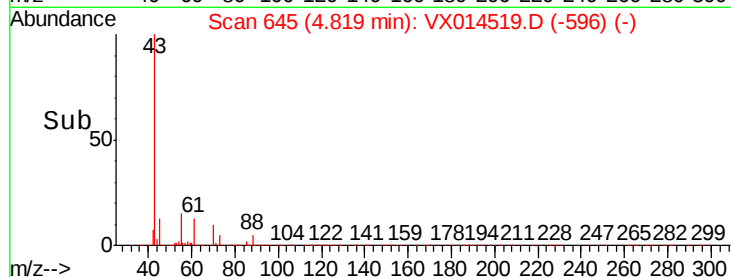
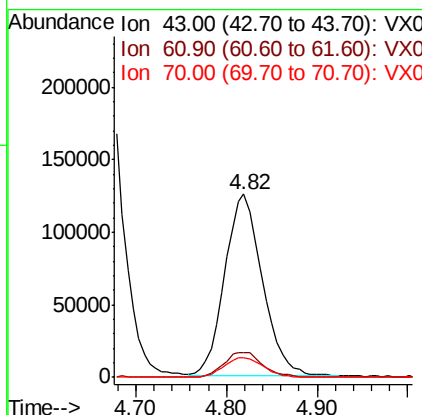
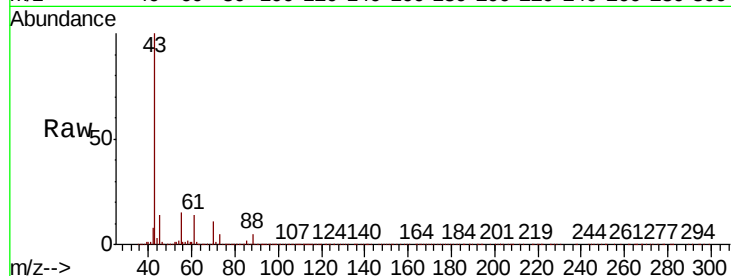




#37
Ethyl Acetate
Concen: 48.041 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

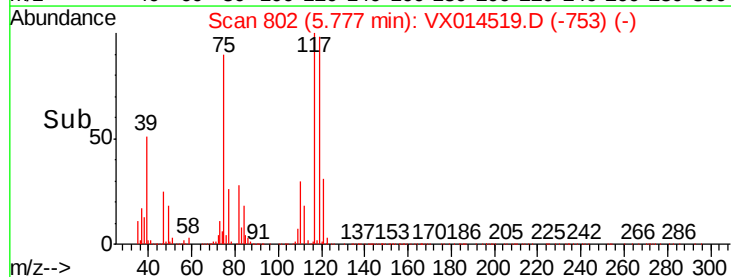
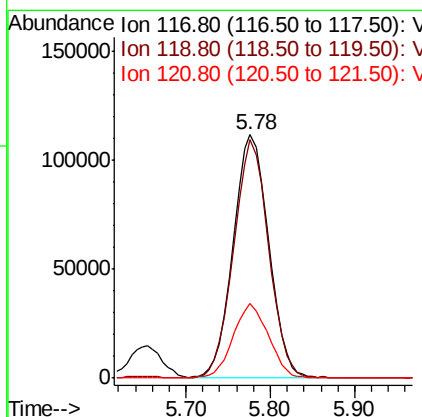
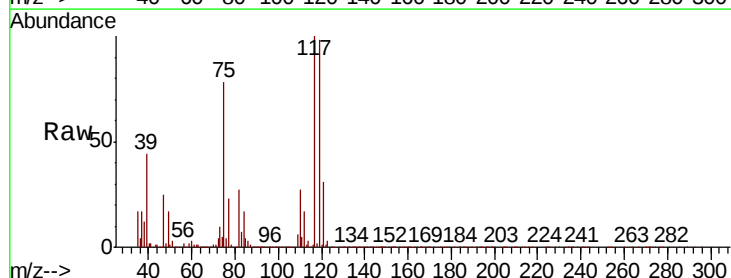
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

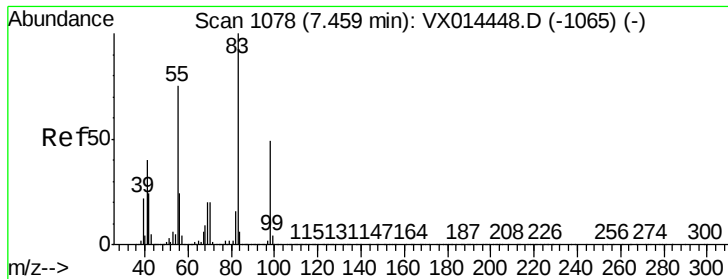
Tot Ion: 43 Resp: 361864
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.869 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 117 Resp: 318236
Ion Ratio Lower Upper
117 100
119 97.7 73.8 110.8
121 30.5 23.4 35.0

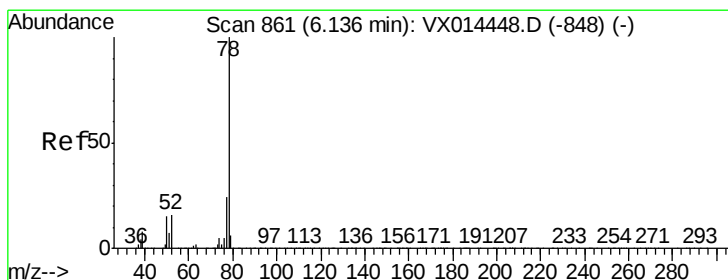
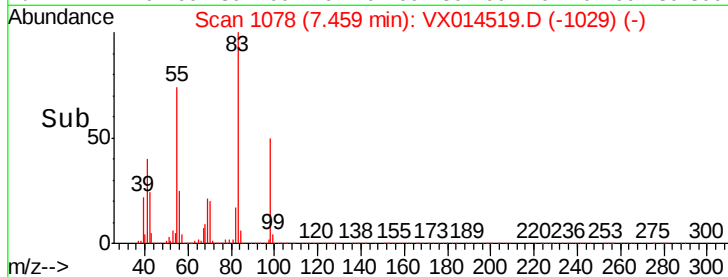
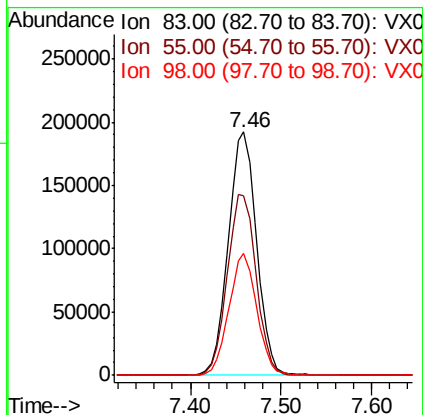
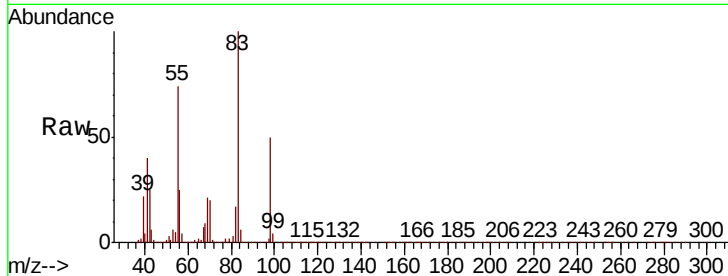




#39
Methvlcvclohexane
Concen: 47.759 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

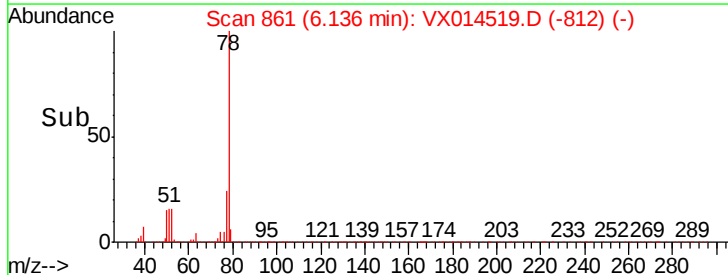
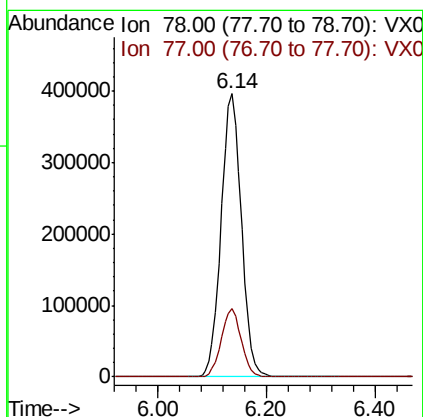
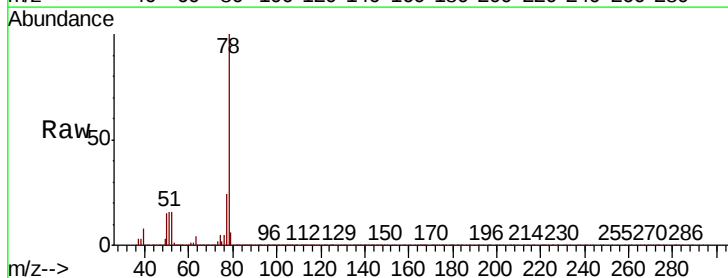
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

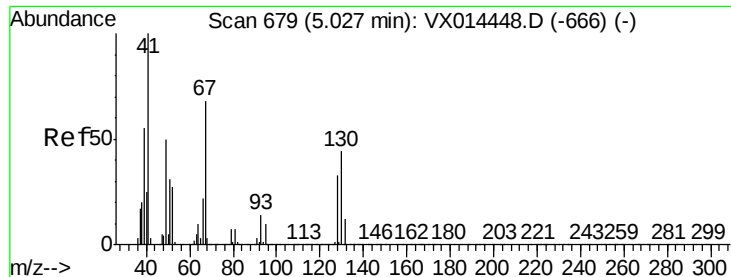
Tot Ion: 83 Resp: 416084
Ion Ratio Lower Upper
83 100
55 73.9 59.7 89.5
98 50.3 39.1 58.7



#40
Benzene
Concen: 49.910 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 78 Resp: 1027227
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3

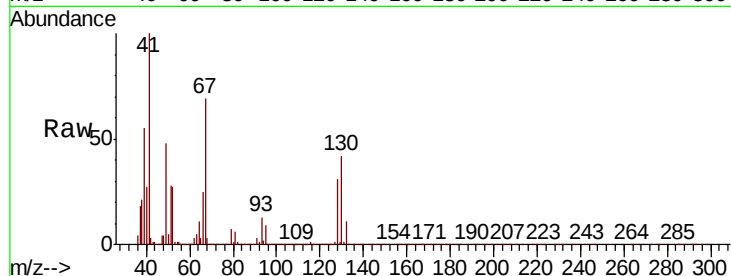




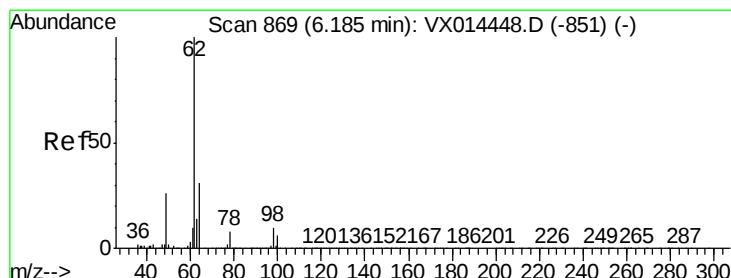
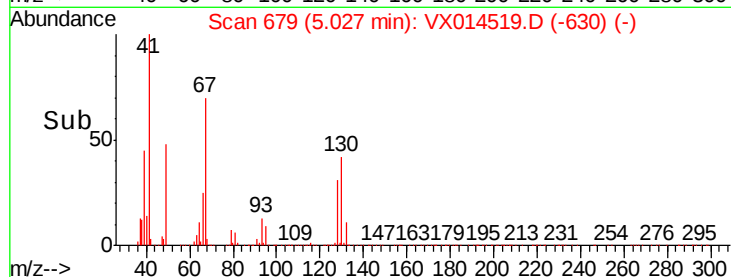
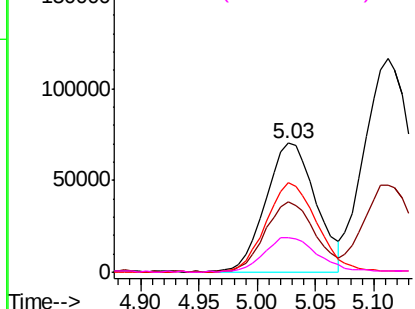
#41
Methacrylonitrile
Concen: 52.582 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	211215
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.6	65.4
67	69.7	57.9	86.9
52	28.3	23.0	34.6

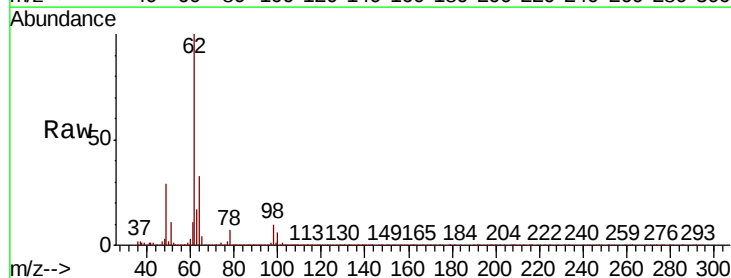


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

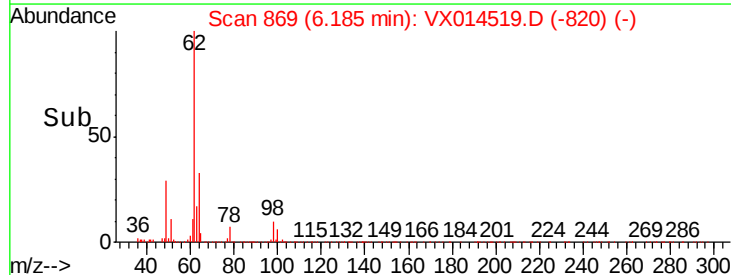
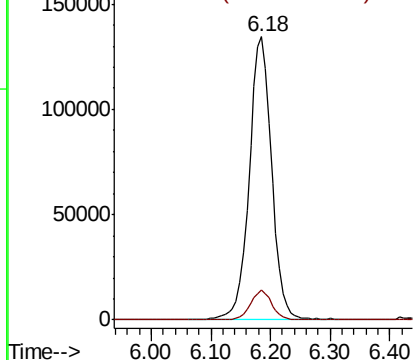


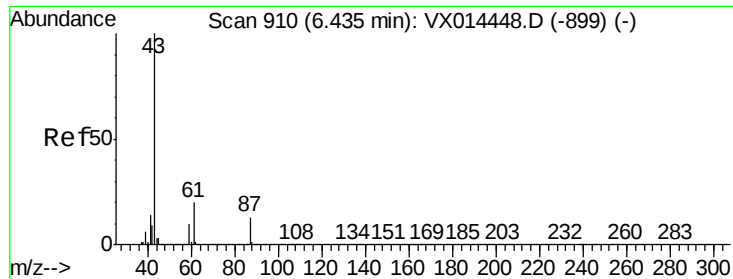
#42
1,2-Dichloroethane
Concen: 48.573 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion	62	Resp	349542
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



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



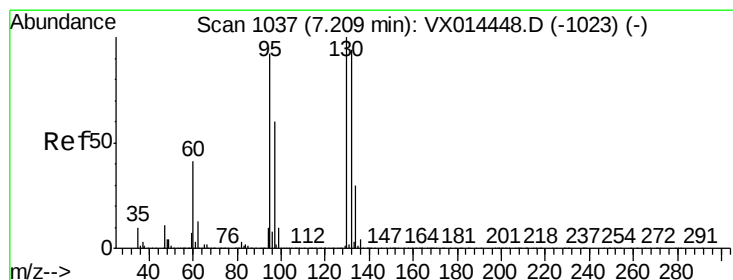
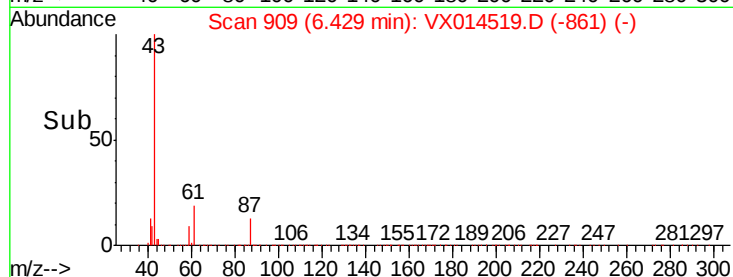
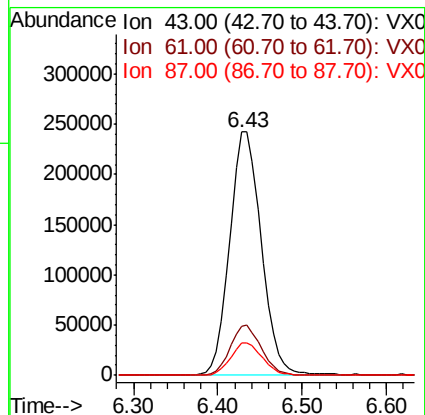
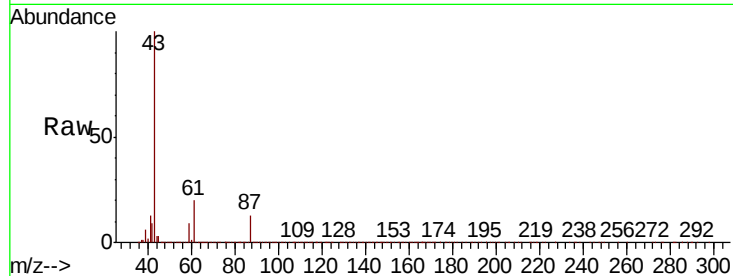


#43

Isopropyl Acetate
 Concen: 50.628 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

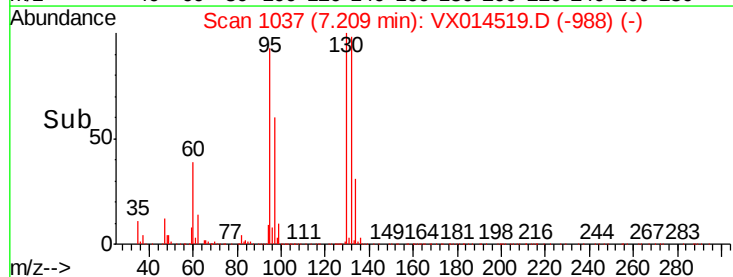
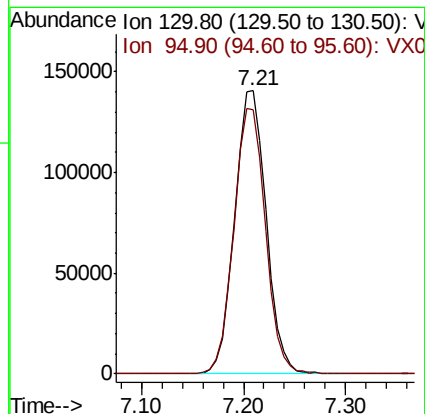
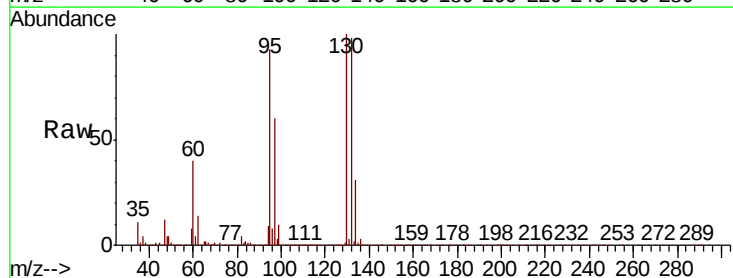
Tot Ion: 43 Resp: 616045
 Ion Ratio Lower Upper
 43 100
 61 20.2 16.6 24.8
 87 13.4 10.8 16.2

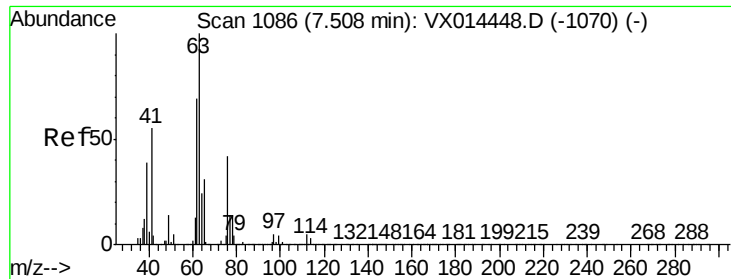


#44

Trichloroethene
 Concen: 50.831 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

Tgt Ion: 130 Resp: 300652
 Ion Ratio Lower Upper
 130 100
 95 93.1 0.0 184.2

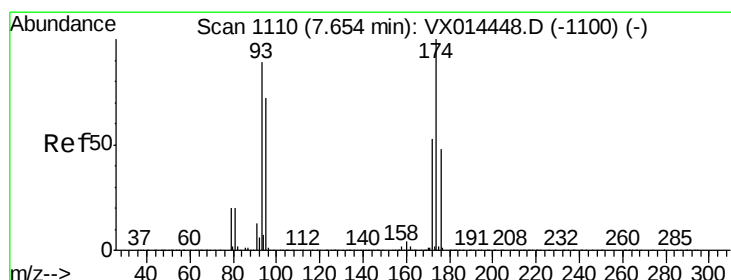
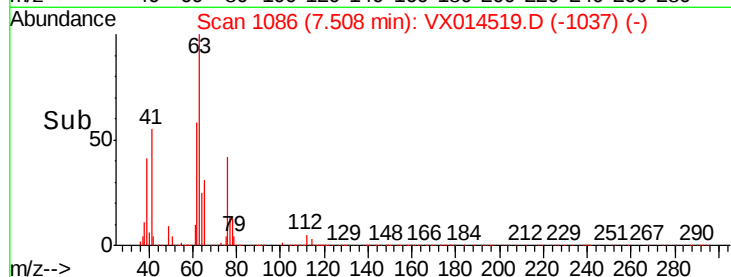
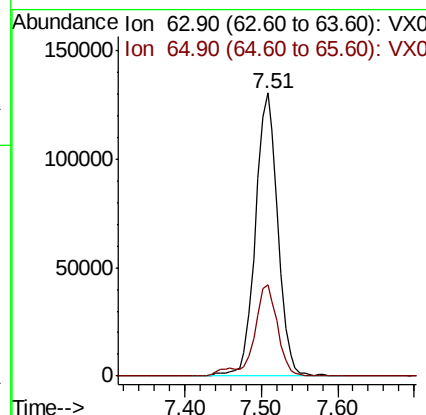
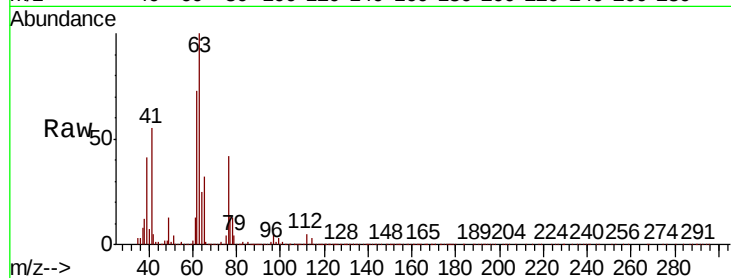




#45
 1,2-Dichloropropane
 Concen: 50.551 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

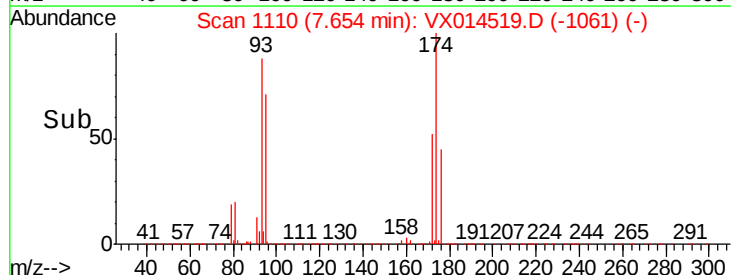
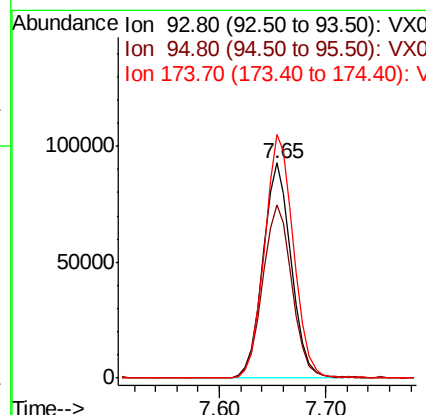
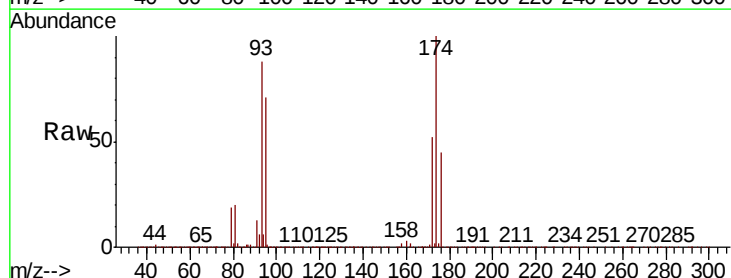
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

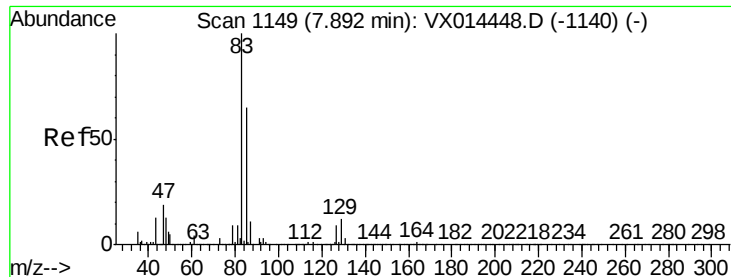
Tot Ion: 63 Resp: 265258
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2



#46
 Dibromomethane
 Concen: 47.065 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

Tgt Ion: 93 Resp: 172371
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.4 98.2
 174 116.1 93.0 139.4





#47

Bromodichloromethane

Concen: 51.316 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

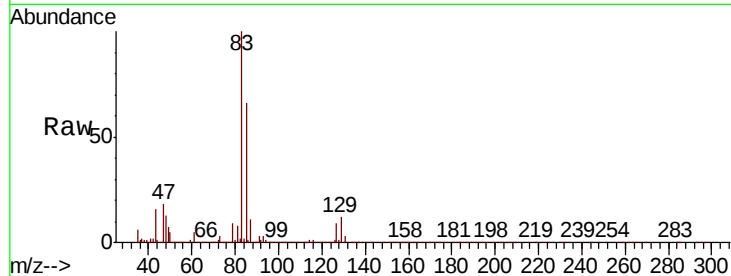
Tot Ion: 83 Resp: 341980

Ion Ratio Lower Upper

83 100

85 66.0 51.7 77.5

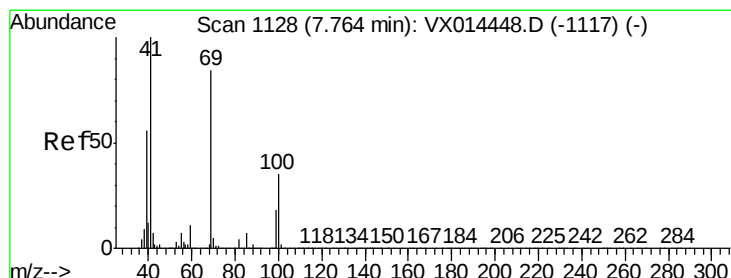
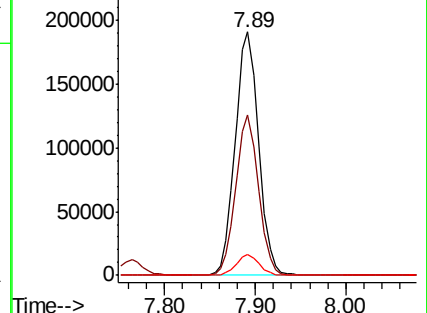
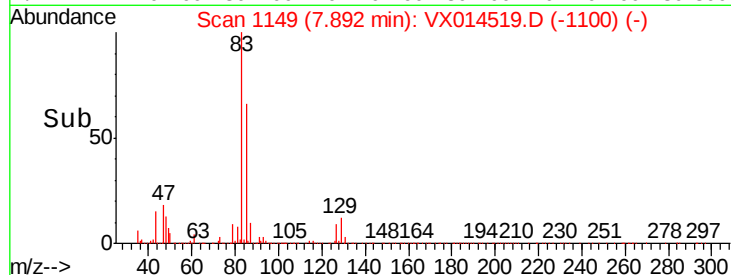
127 8.7 7.1 10.7



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: 52.174 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

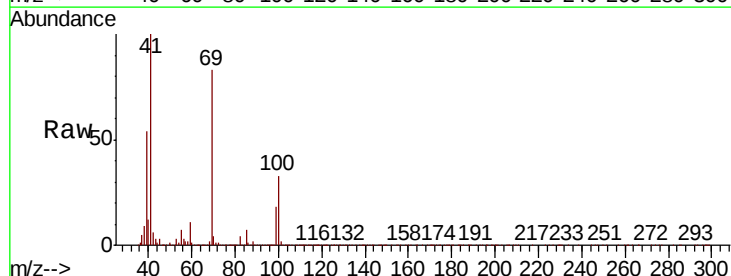
Tgt Ion: 41 Resp: 304065

Ion Ratio Lower Upper

41 100

69 81.8 65.5 98.3

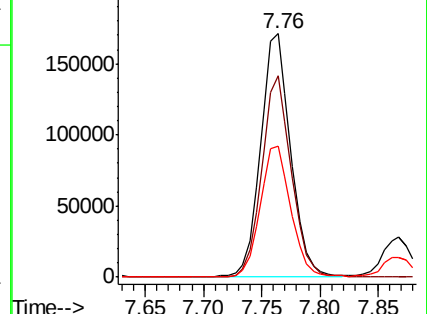
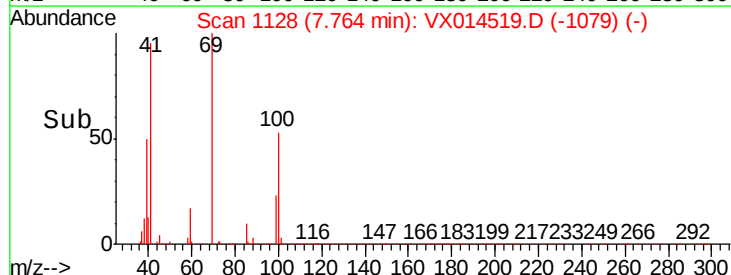
39 54.7 43.9 65.9

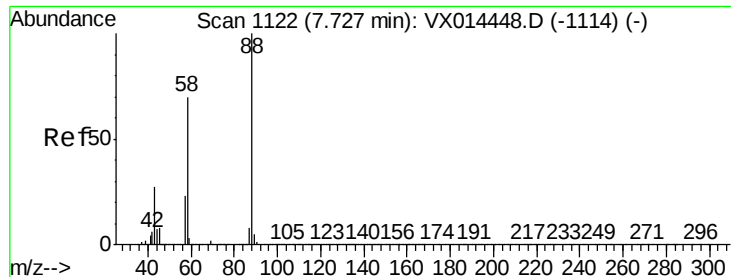


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

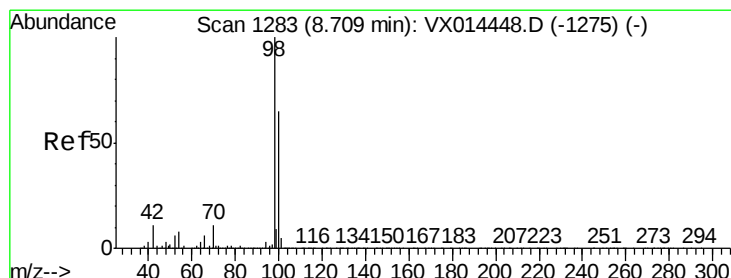
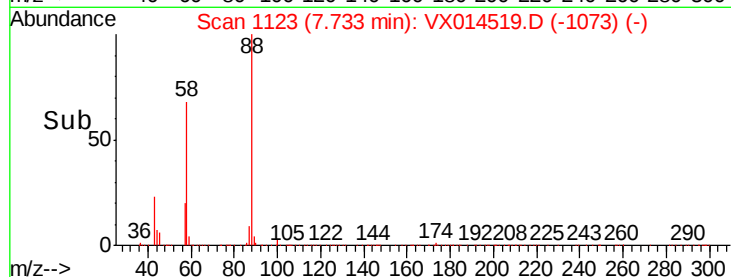
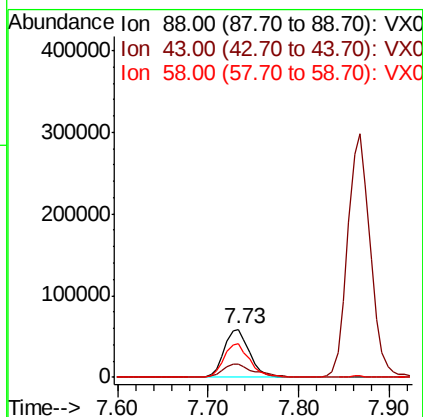
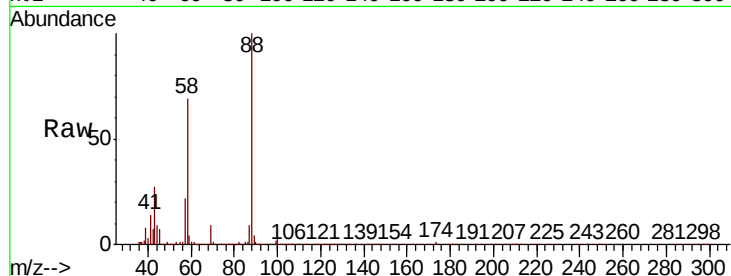




#49
1,4-Dioxane
Concen: 909.533 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

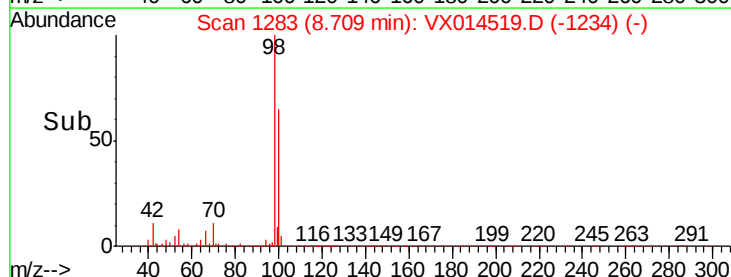
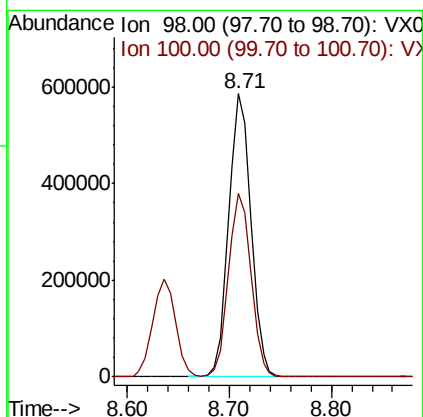
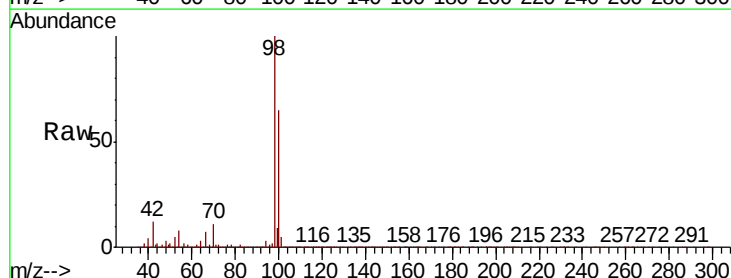
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

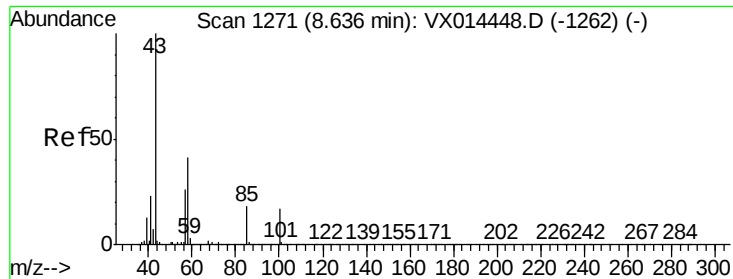
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	27.4	41.0
58	71.6	57.1	85.7



#50
Toluene-d8
Concen: 50.747 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.2	79.8

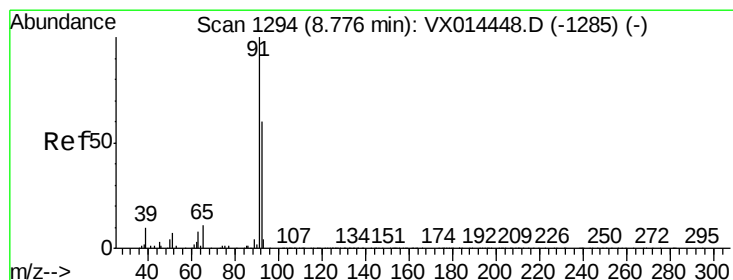
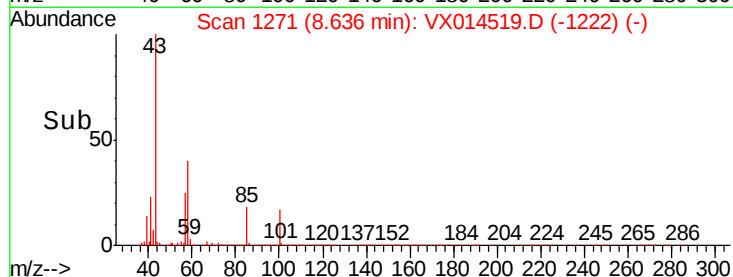
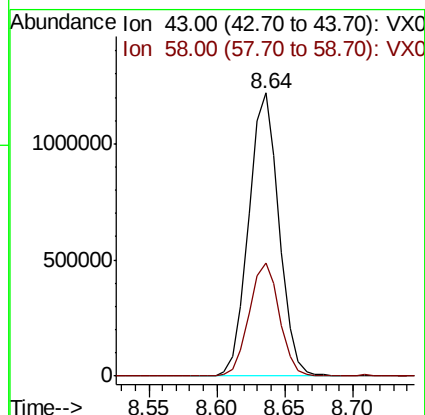
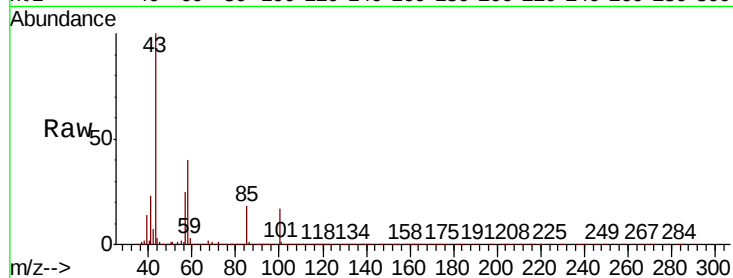




#51
4-Methyl-2-Pentanone
Concen: 256.644 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

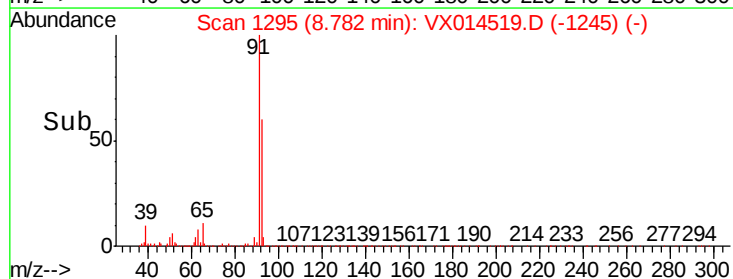
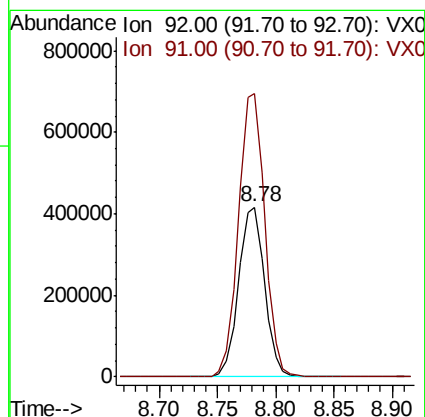
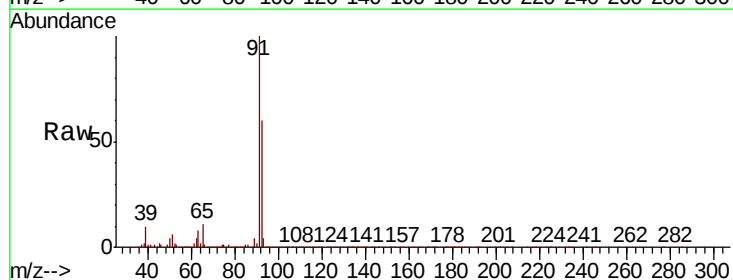
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1902985
Ion Ratio Lower Upper
43 100
58 40.0 32.4 48.6



#52
Toluene
Concen: 49.251 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 92 Resp: 648896
Ion Ratio Lower Upper
92 100
91 169.0 135.7 203.5

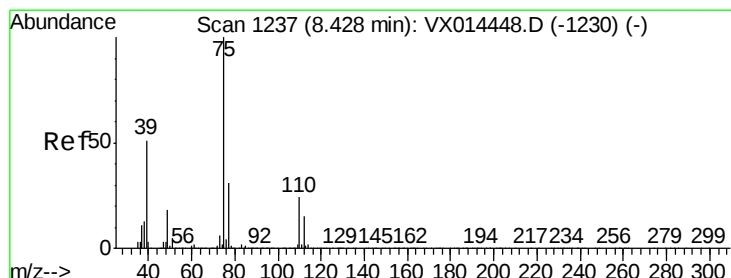
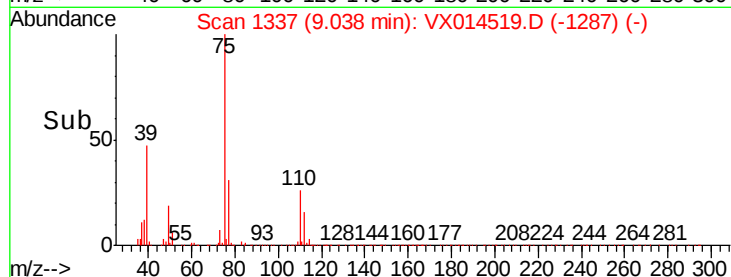
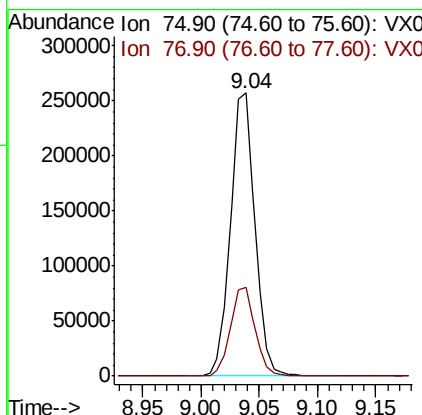
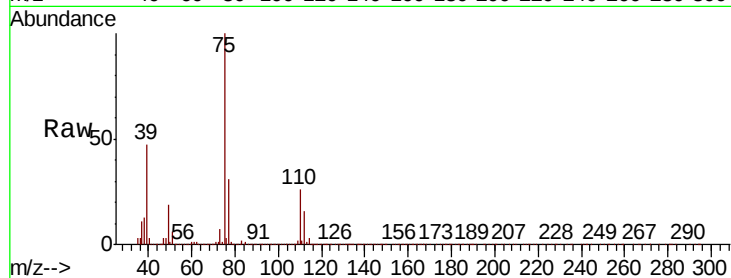




#53
t-1,3-Dichloropropene
Concen: 48.443 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

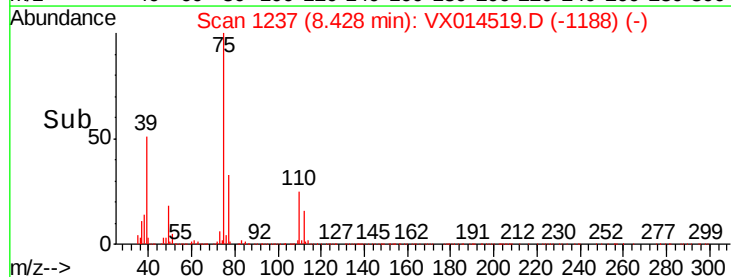
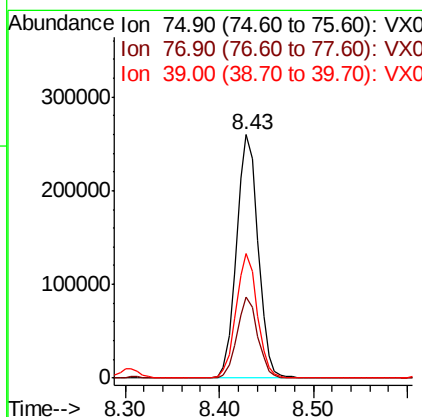
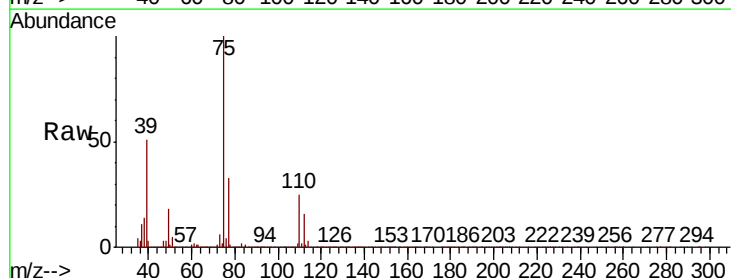
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

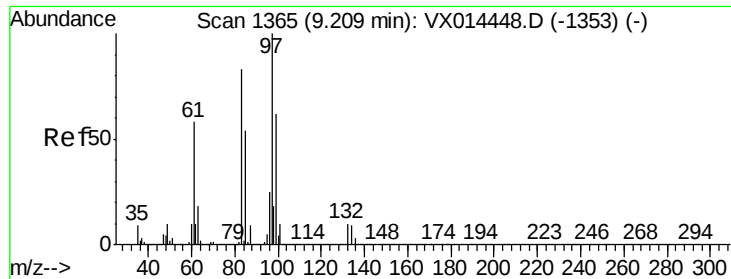
Tot Ion: 75 Resp: 375848
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.532 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 75 Resp: 415132
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.4
39 51.2 40.7 61.1

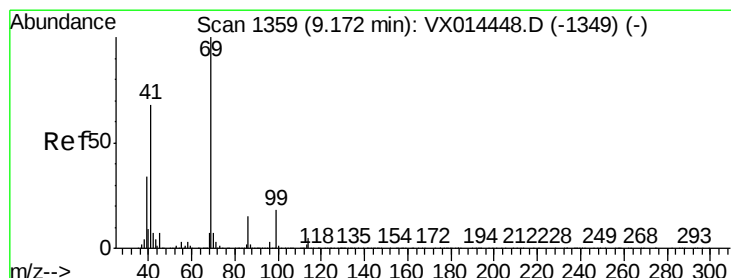
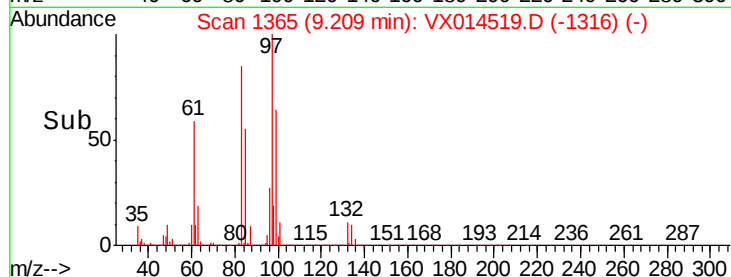
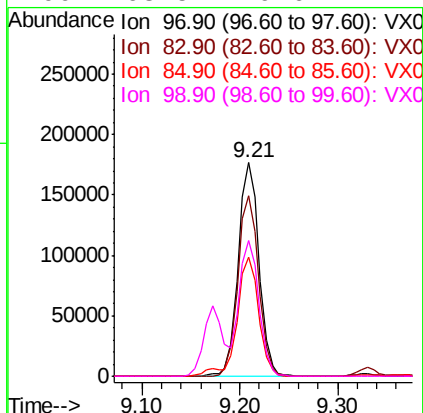
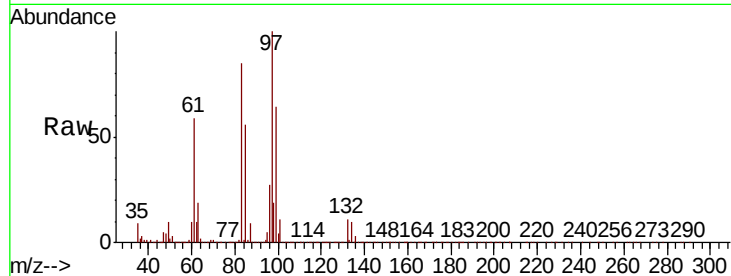




#55
 1,1,2-Trichloroethane
 Concen: 49.107 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

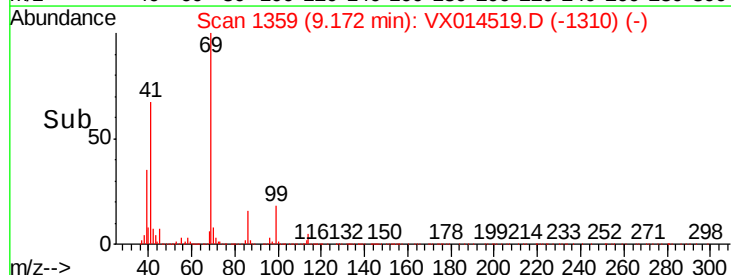
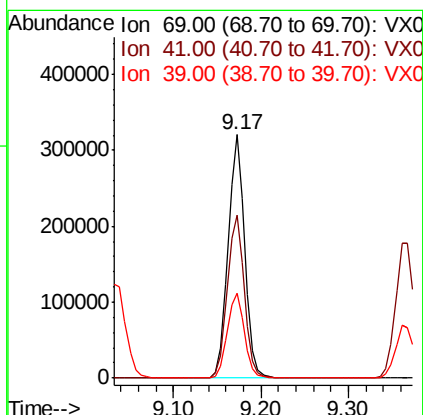
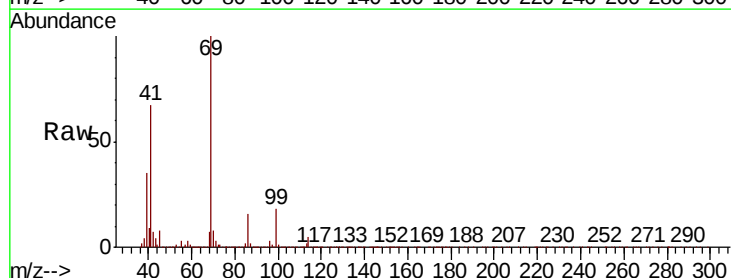
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

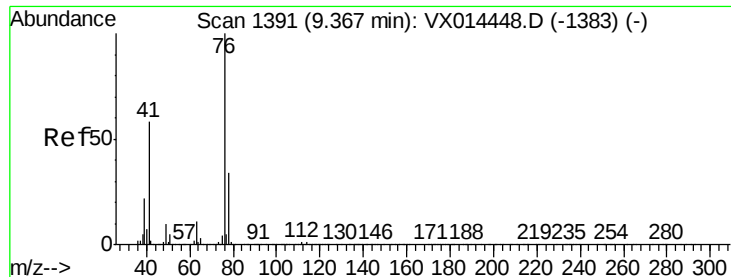
Tot Ion:	97	Resp:	259875
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.4	99.6
85	55.4	43.4	65.2
99	63.5	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 51.973 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

Tgt Ion:	69	Resp:	421373
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.2	81.2
39	35.7	28.2	42.2





#57

1,3-Dichloropropane

Concen: 49.910 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

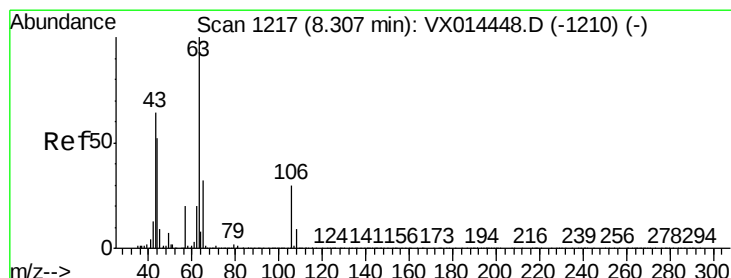
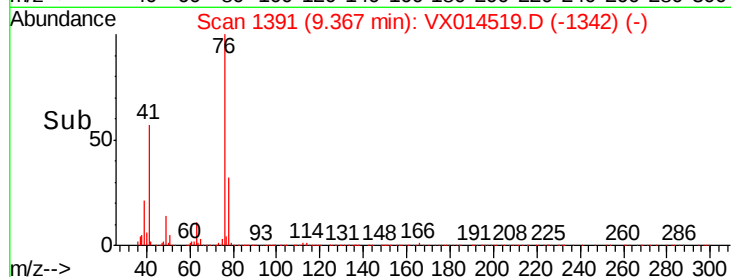
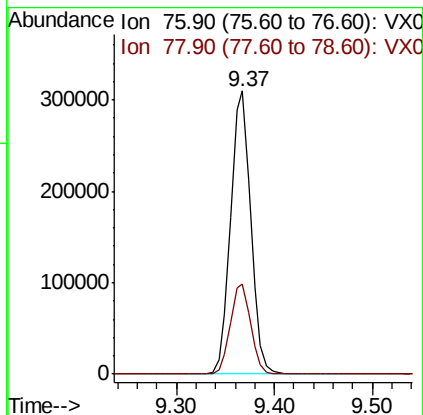
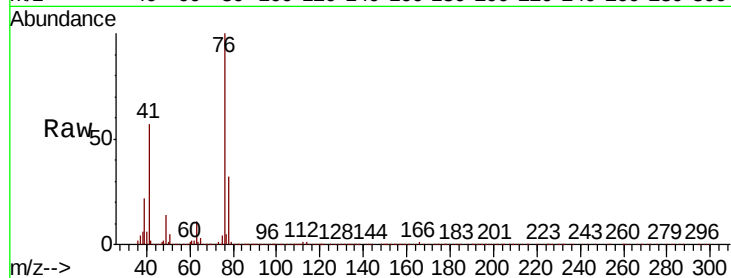
VSTDCCC050EC

Tot Ion: 76 Resp: 441613

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 259.370 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014519.D

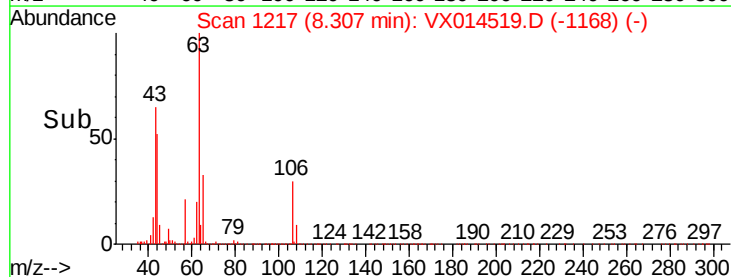
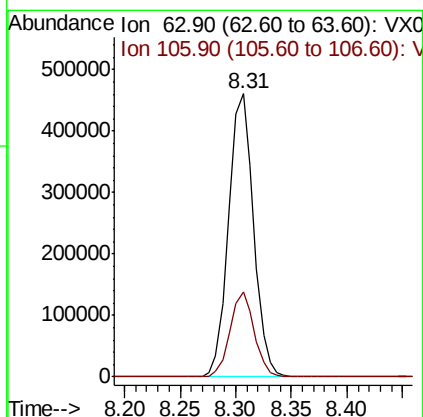
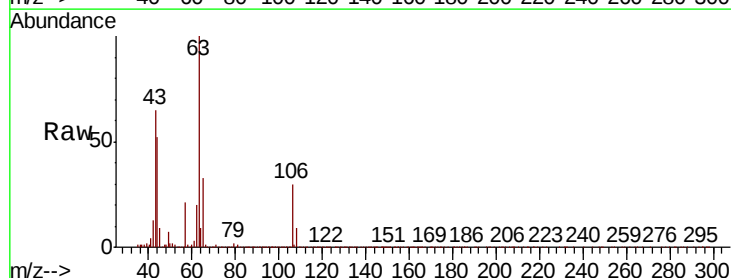
Acq: 09 Jan 2020 23:58

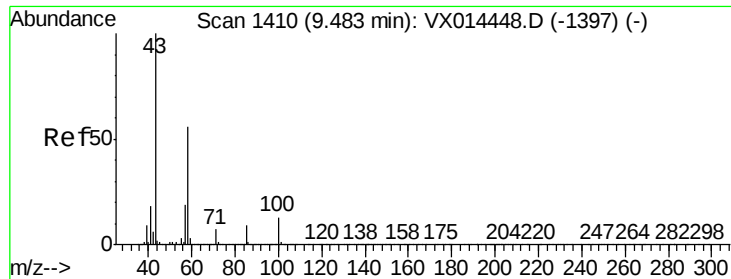
Tgt Ion: 63 Resp: 715466

Ion Ratio Lower Upper

63 100

106 29.2 23.6 35.4

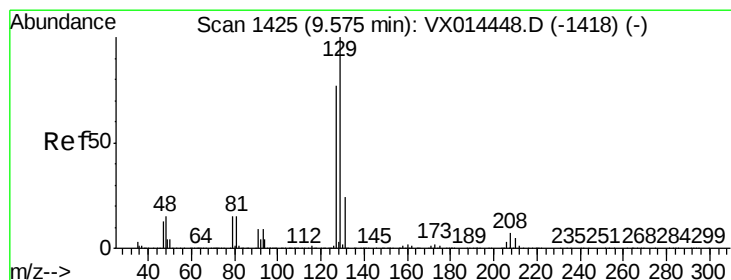
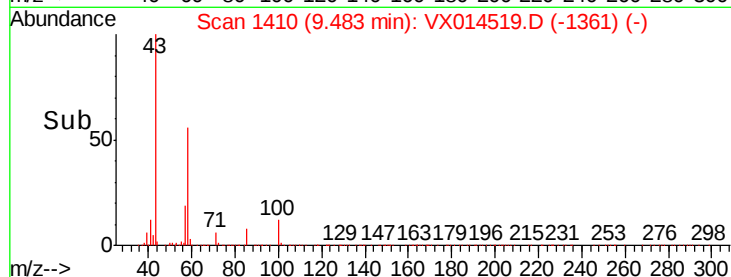
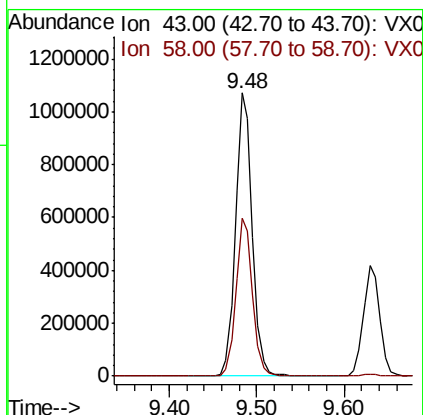
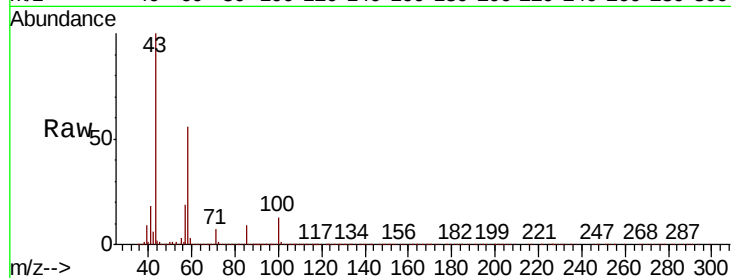




#59
2-Hexanone
Concen: 243.532 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

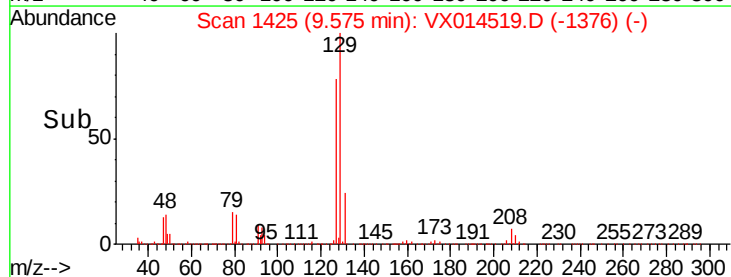
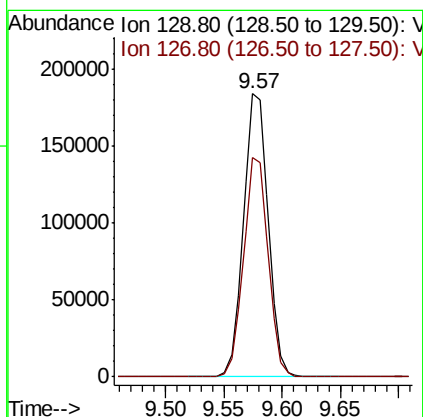
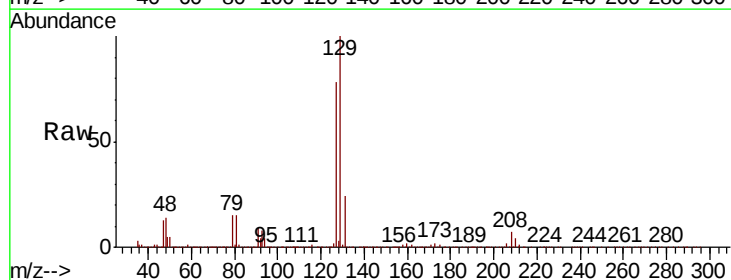
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

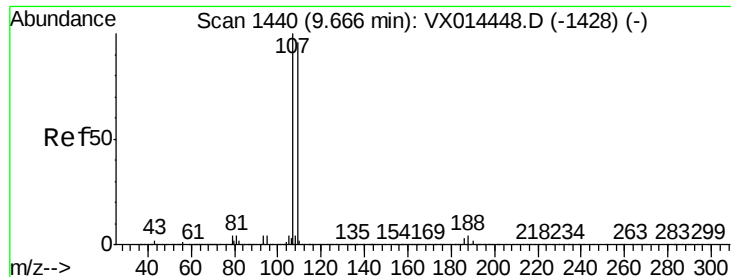
Tot Ion: 43 Resp: 1428796
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.7



#60
Dibromochloromethane
Concen: 51.453 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 129 Resp: 273684
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 48.745 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

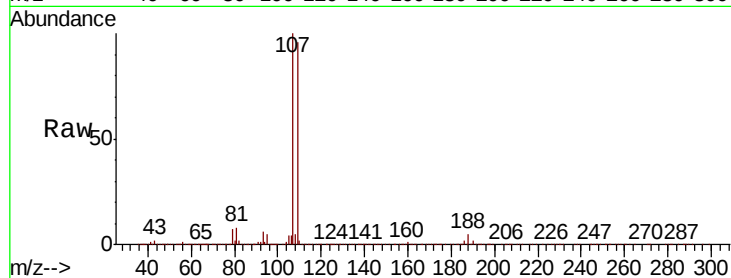
VSTDCCC050EC

Tot Ion: 107 Resp: 273251

Ion Ratio Lower Upper

107 100

109 94.8 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

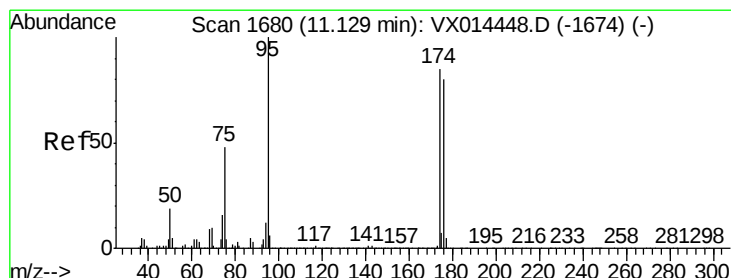
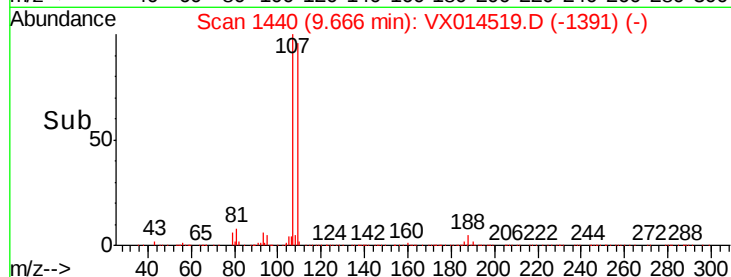
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.866 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

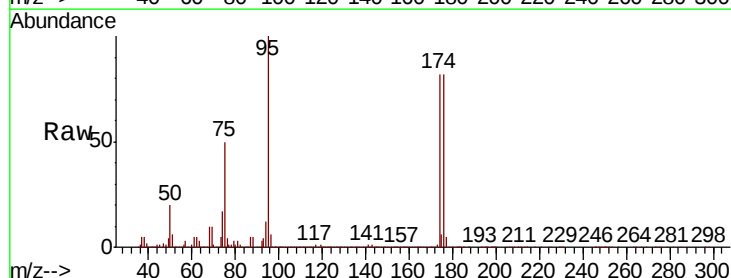
Tgt Ion: 95 Resp: 310757

Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.8

176 88.0 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

11.13

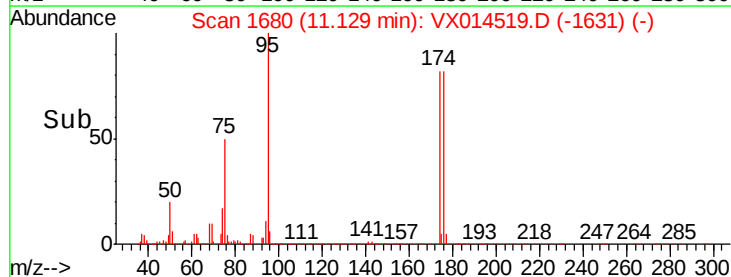
300000

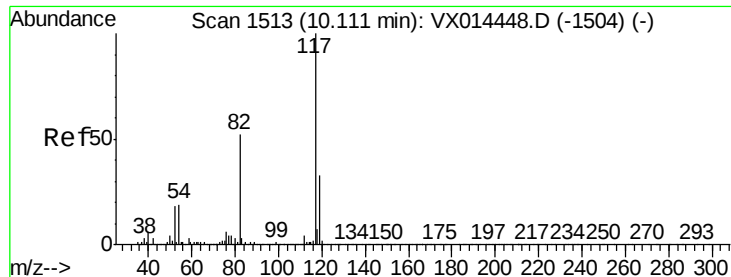
200000

100000

0

Time-->

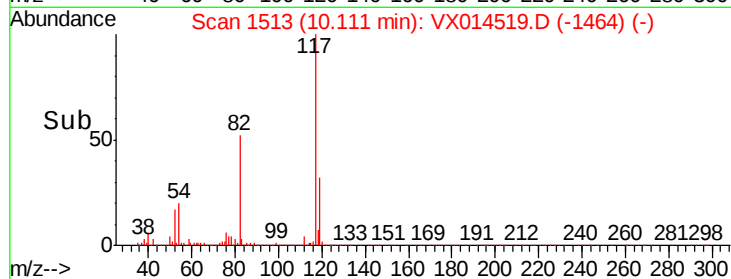
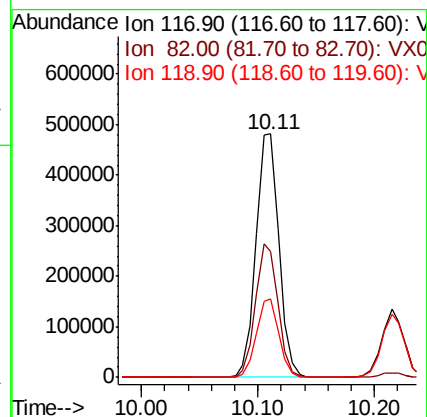
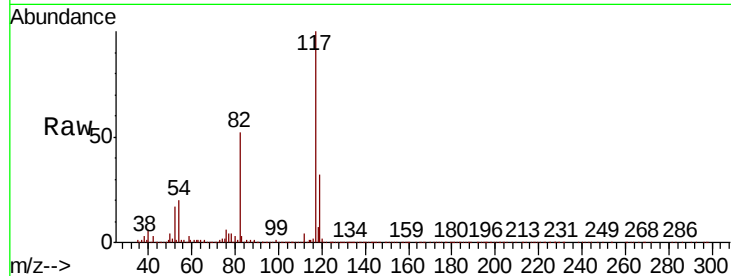




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

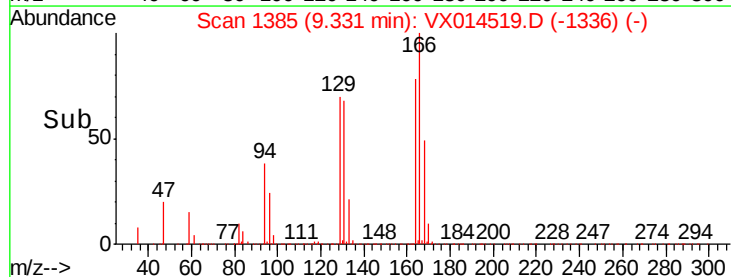
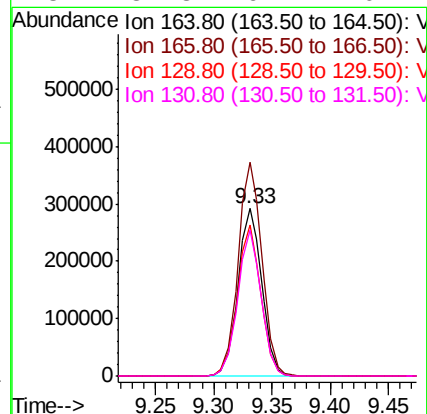
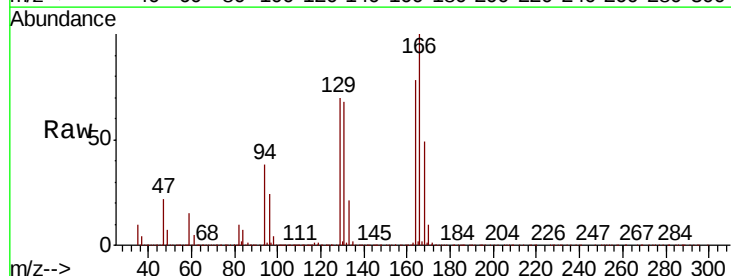
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

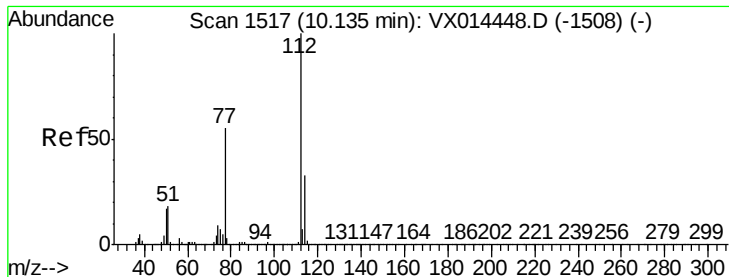
Tot Ion:117 Resp: 662225
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.6
119 31.9 26.2 39.4



#64
Tetrachloroethene
Concen: 62.467 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion:164 Resp: 414592
Ion Ratio Lower Upper
164 100
166 127.6 101.2 151.8
129 89.8 68.3 102.5
131 87.3 67.4 101.2





#65

Chlorobenzene

Concen: 47.954 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

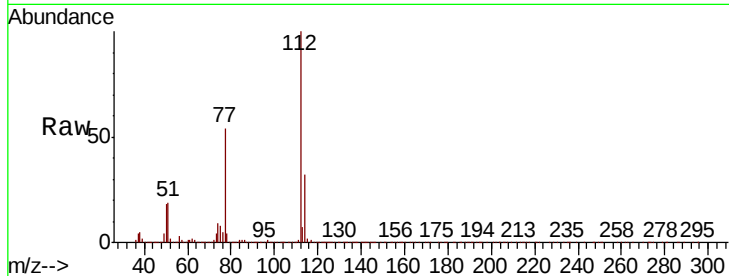
VSTDCCC050EC

Tot Ion:112 Resp: 689162

Ion Ratio Lower Upper

112 100

114 31.7 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

500000

400000

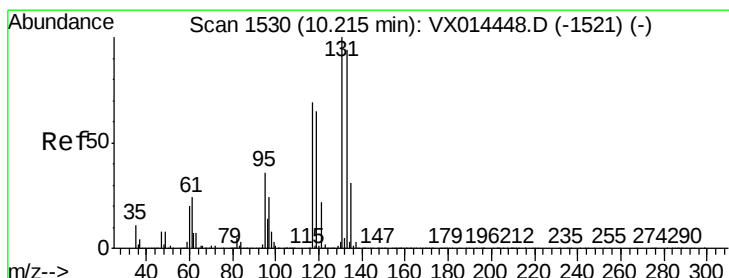
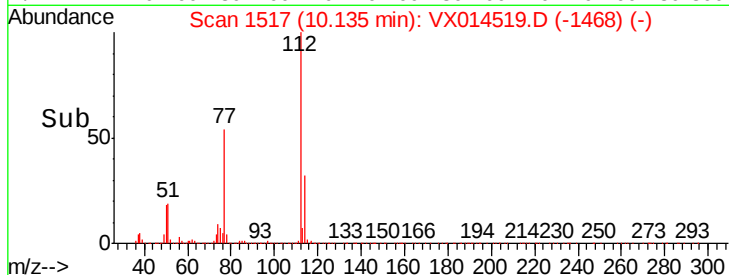
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.342 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

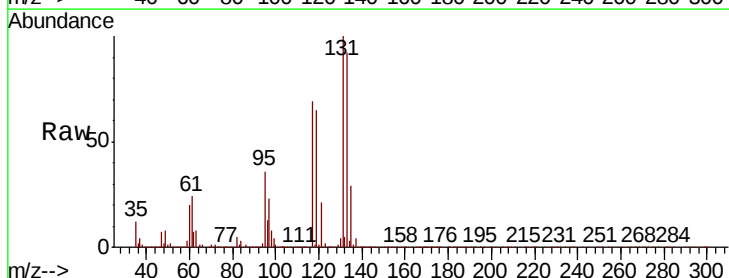
Tgt Ion:131 Resp: 258191

Ion Ratio Lower Upper

131 100

133 93.7 47.3 142.0

119 65.2 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

250000

200000

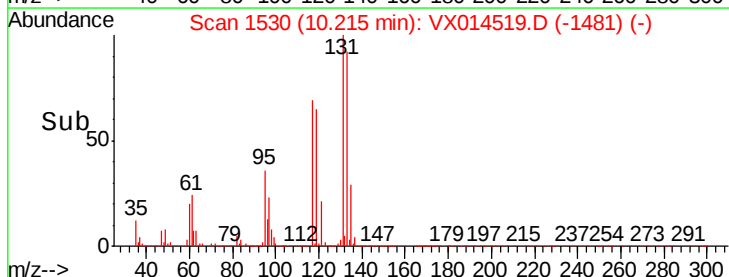
150000

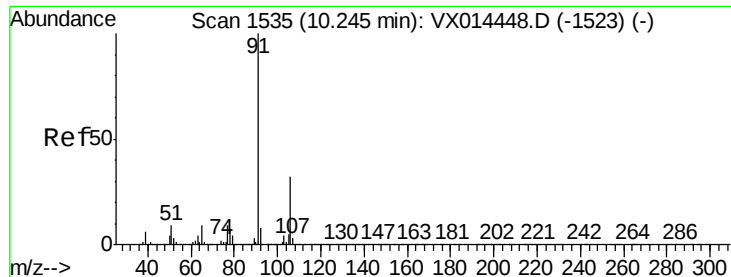
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 49.609 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

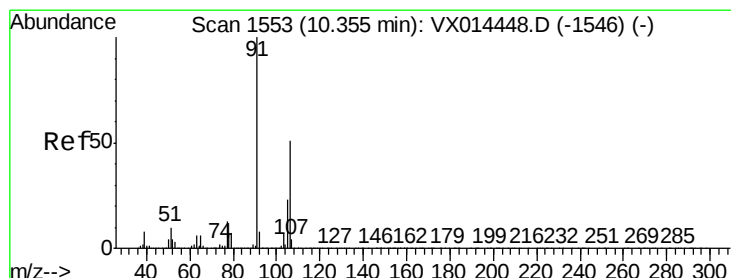
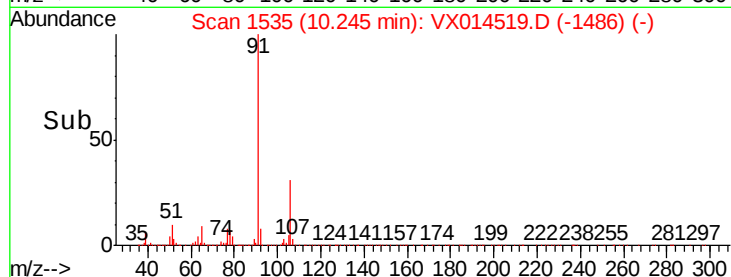
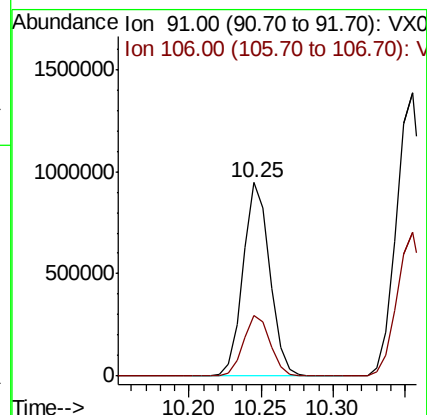
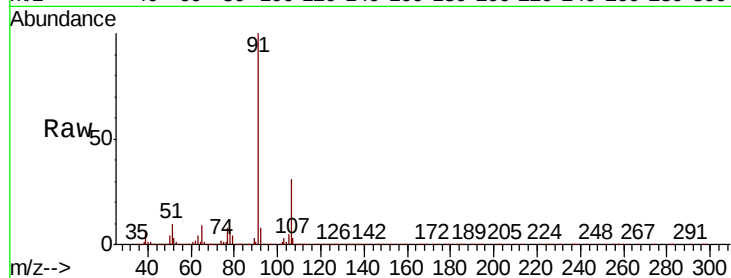
VSTDCCC050EC

Tot Ion: 91 Resp: 1215186

Ion Ratio Lower Upper

91 100

106 31.1 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: VX014519.D

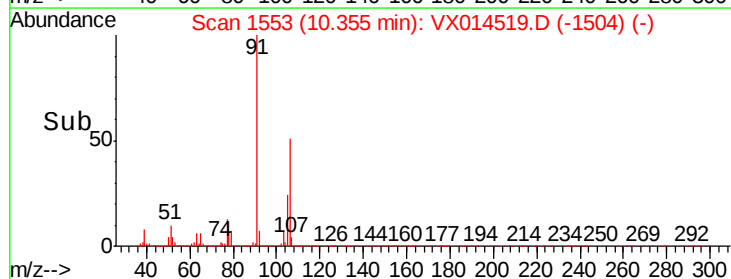
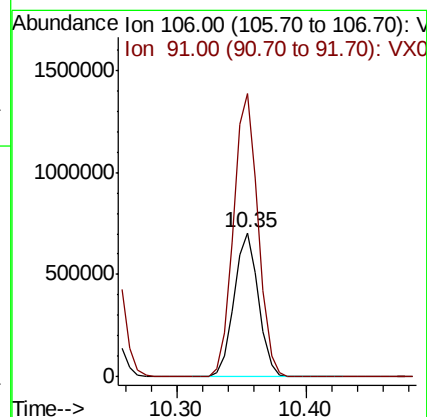
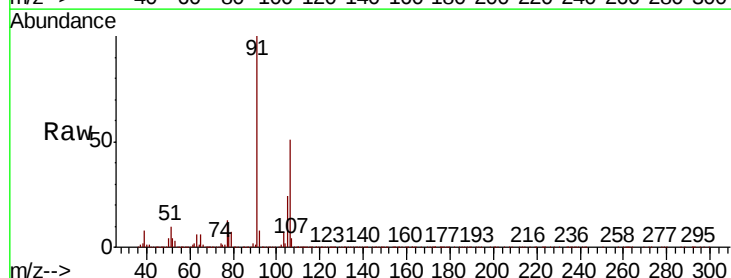
Acq: 09 Jan 2020 23:58

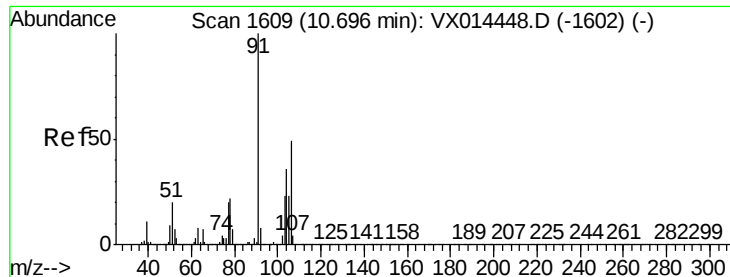
Tgt Ion: 106 Resp: 932990

Ion Ratio Lower Upper

106 100

91 198.8 157.4 236.0

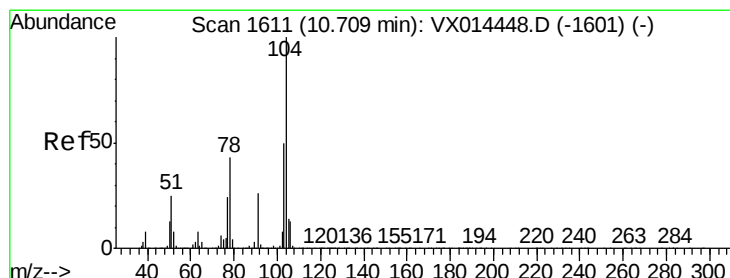
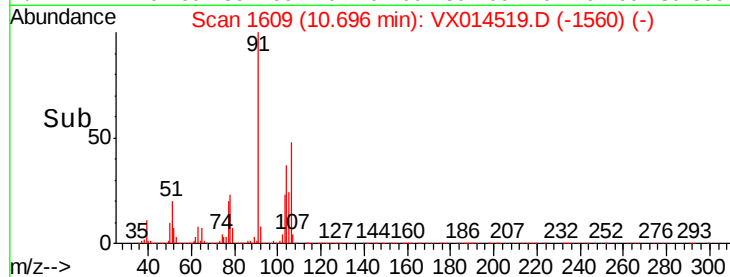
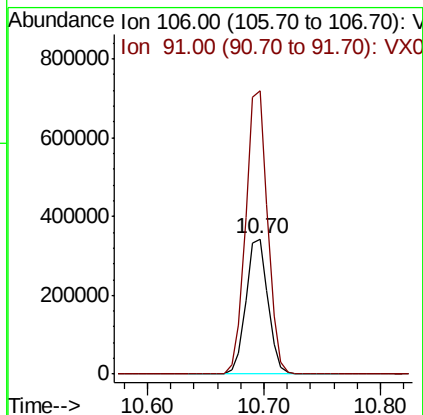
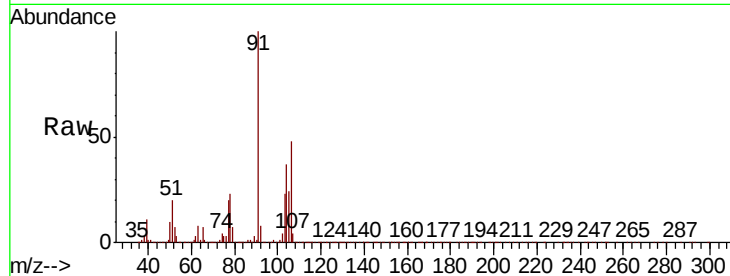




#69
o-Xylene
Concen: 50.358 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

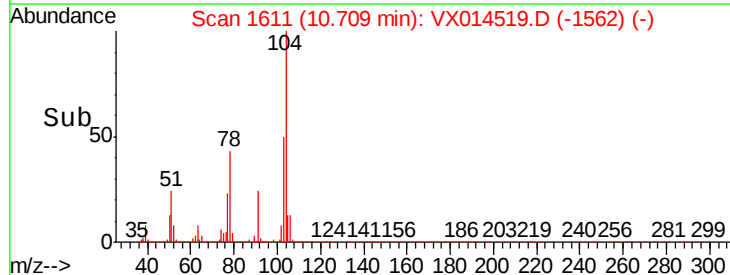
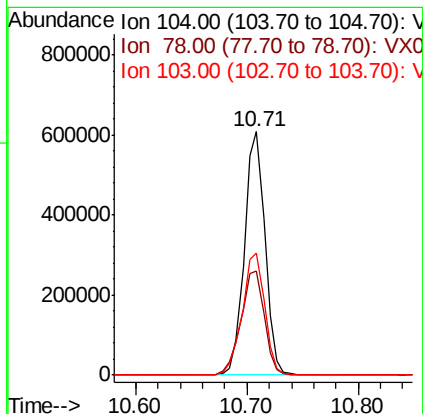
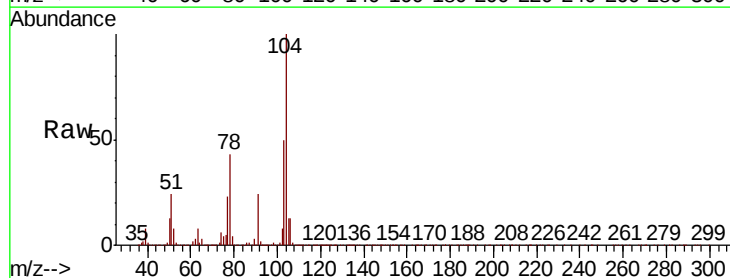
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 454057
Ion Ratio Lower Upper
106 100
91 208.4 105.1 315.1



#70
Styrene
Concen: 50.039 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion:104 Resp: 778620
Ion Ratio Lower Upper
104 100
78 48.8 38.6 58.0
103 54.7 43.7 65.5





#71

Bromoform

Concen: 50.742 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

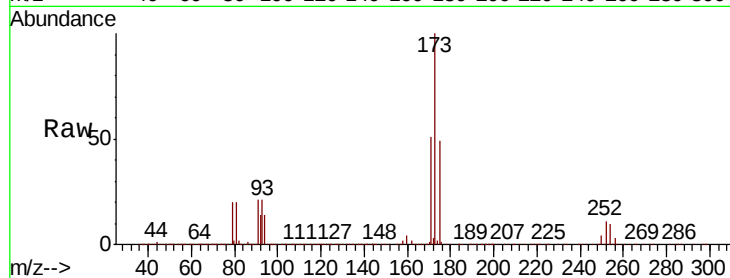
Tot Ion:173 Resp: 212924

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.8

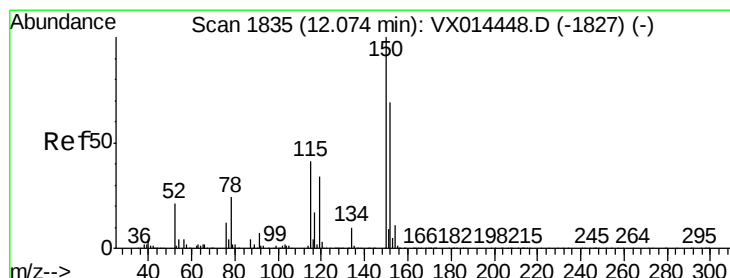
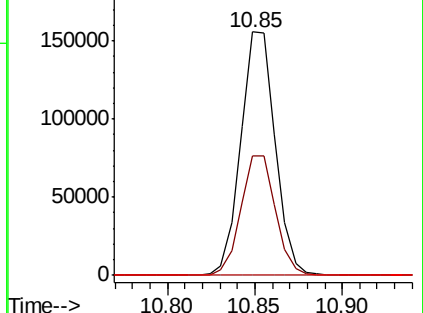
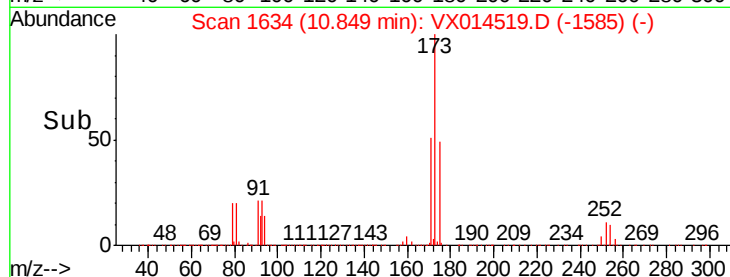
254 0.3 0.2 0.2#



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: VX014519.D

Acq: 09 Jan 2020 23:58

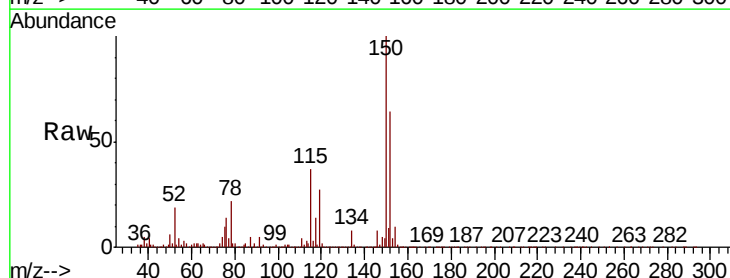
Tgt Ion:152 Resp: 334724

Ion Ratio Lower Upper

152 100

115 77.8 39.5 118.3

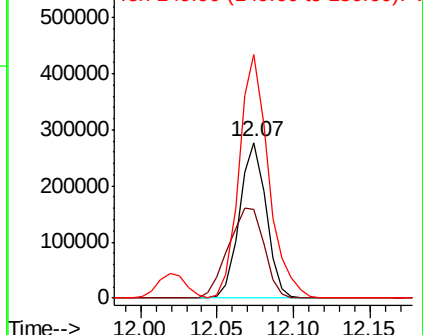
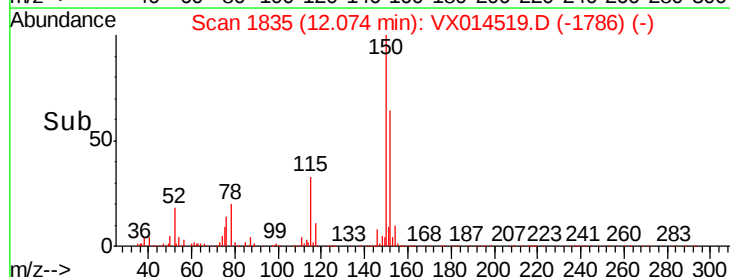
150 172.9 0.0 350.2

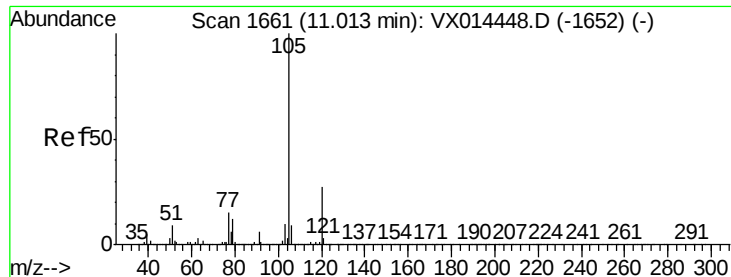


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.873 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

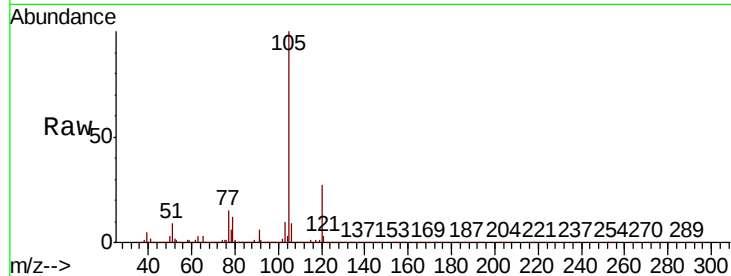
VSTDCCC050EC

Tot Ion:105 Resp: 1195771

Ion Ratio Lower Upper

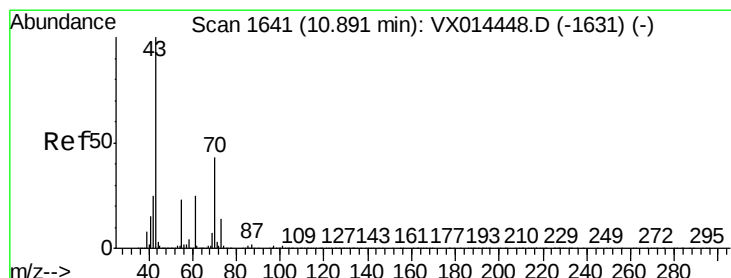
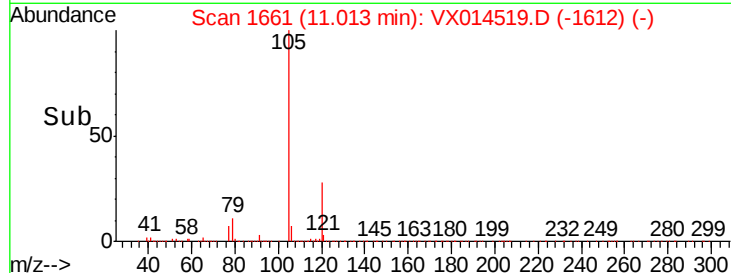
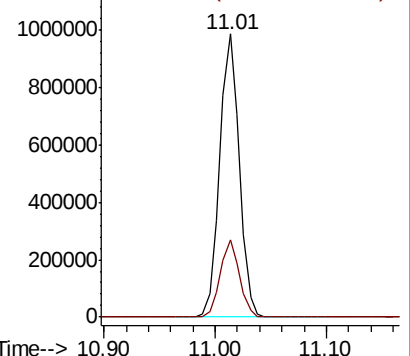
105 100

120 26.8 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: 52.817 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Tgt Ion: 43 Resp: 547710

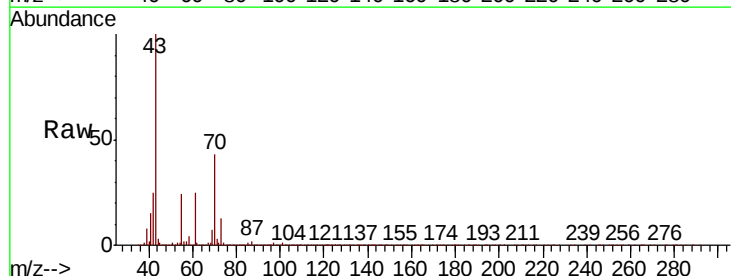
Ion Ratio Lower Upper

43 100

70 43.1 35.1 52.7

55 24.0 19.3 28.9

61 24.7 20.0 30.0

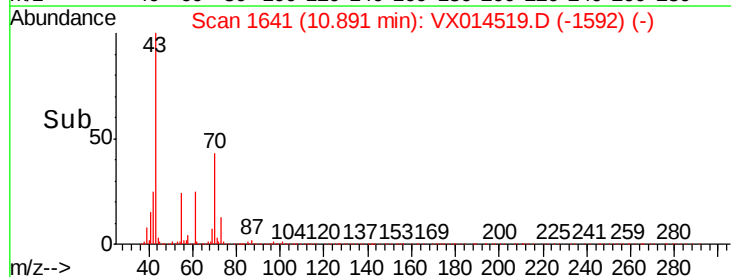
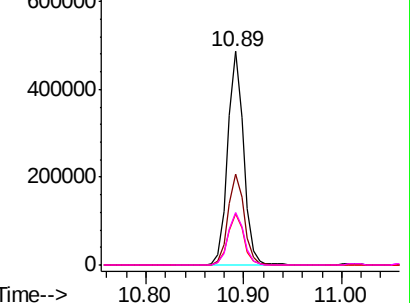


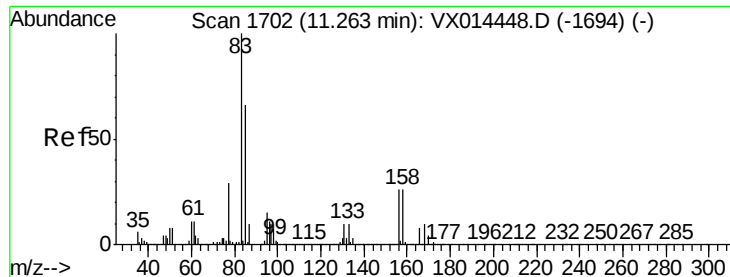
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.551 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

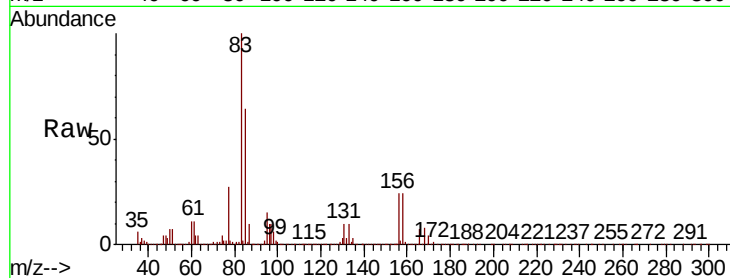
Tot Ion: 83 Resp: 350898

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

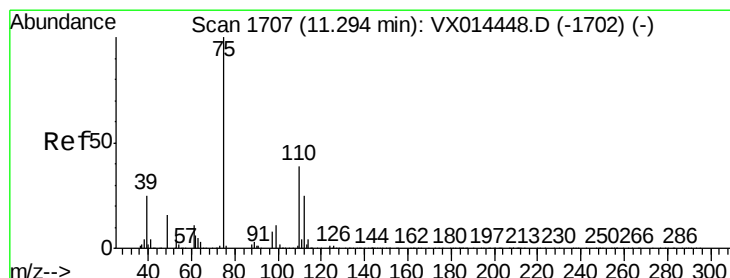
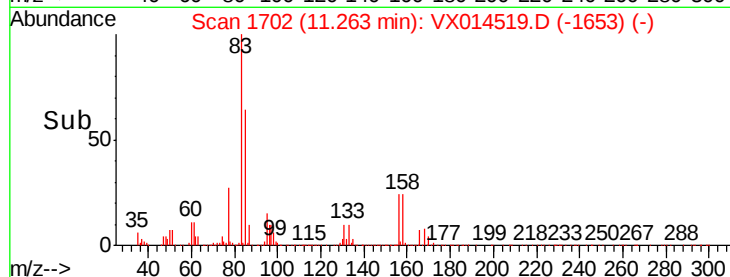
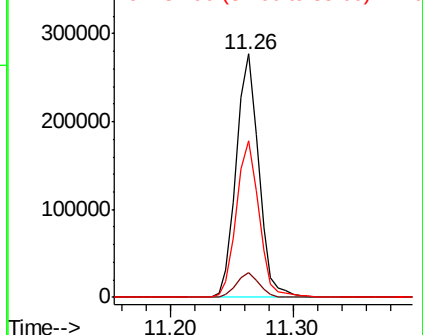
85 64.9 32.5 97.4



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: 65.677 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014519.D

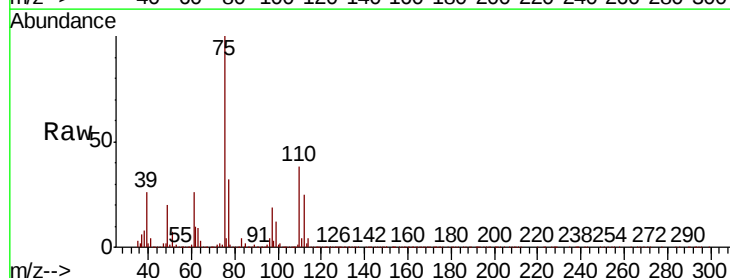
Acq: 09 Jan 2020 23:58

Tgt Ion: 75 Resp: 454846

Ion Ratio Lower Upper

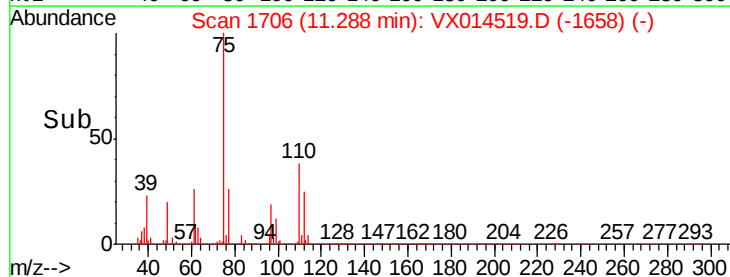
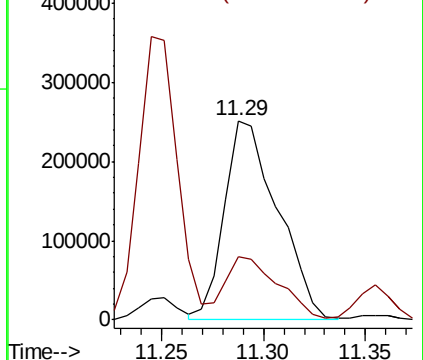
75 100

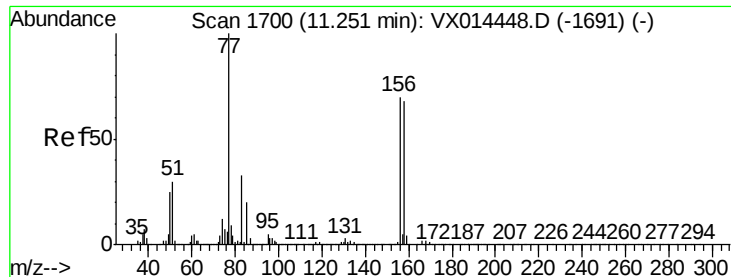
77 30.4 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.297 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

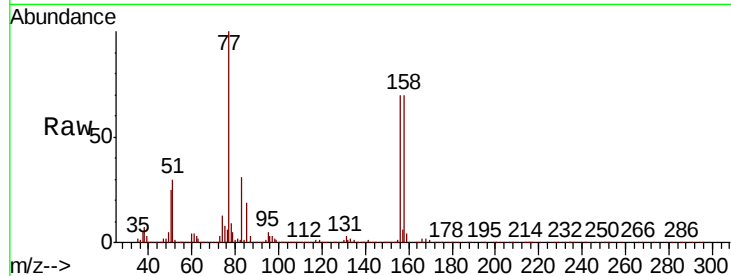
Tot Ion:156 Resp: 314818

Ion Ratio Lower Upper

156 100

77 148.7 75.4 226.3

158 98.2 48.8 146.3

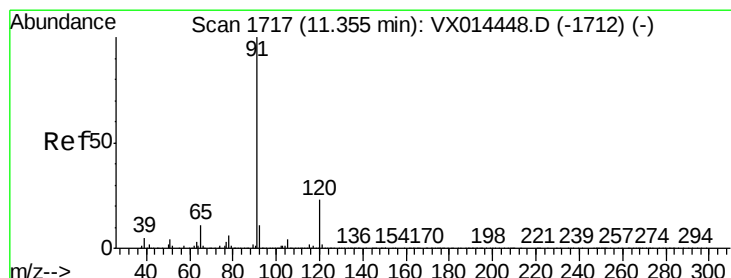
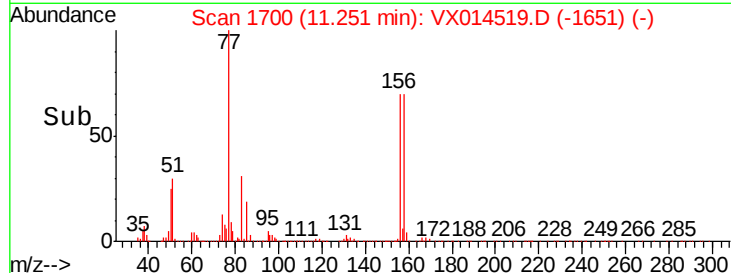
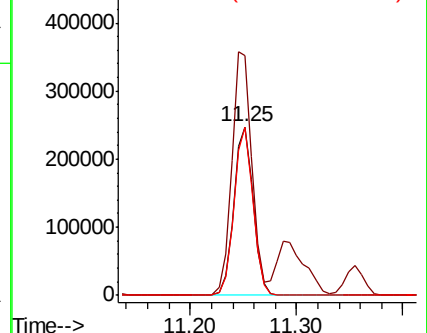


Abundance

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: 50.666 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014519.D

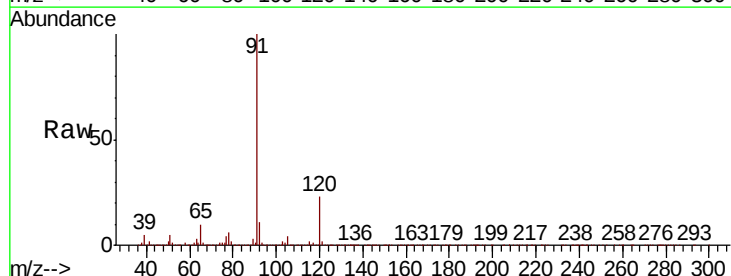
Acq: 09 Jan 2020 23:58

Tgt Ion: 91 Resp: 1363870

Ion Ratio Lower Upper

91 100

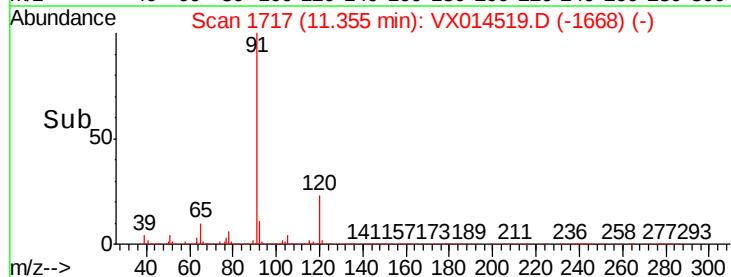
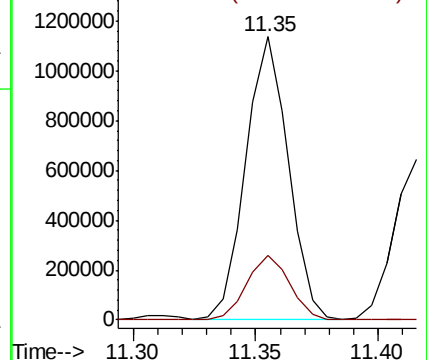
120 23.3 11.9 35.5

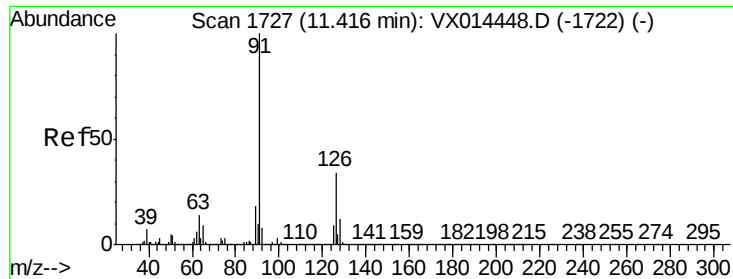


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

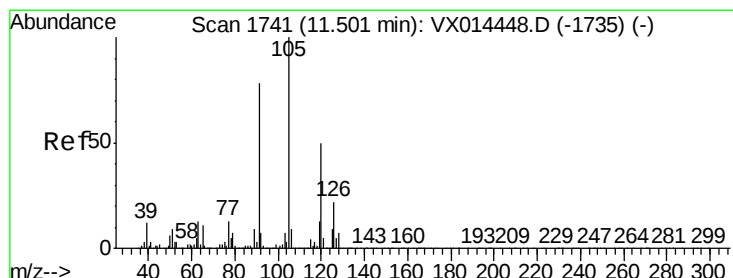
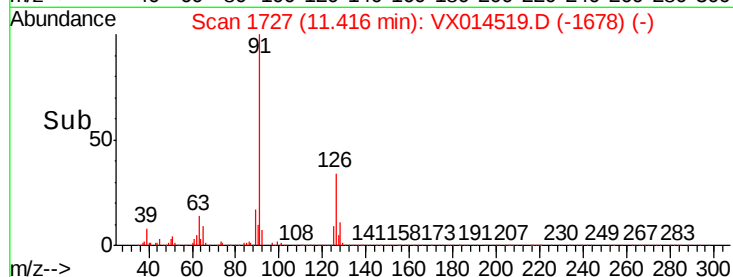
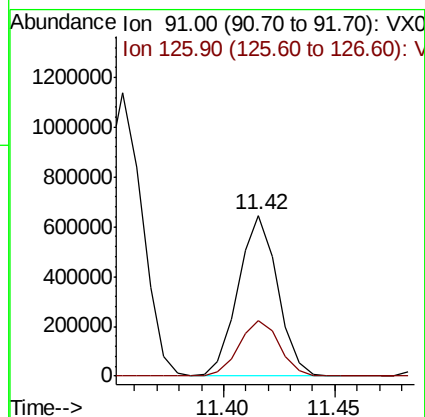
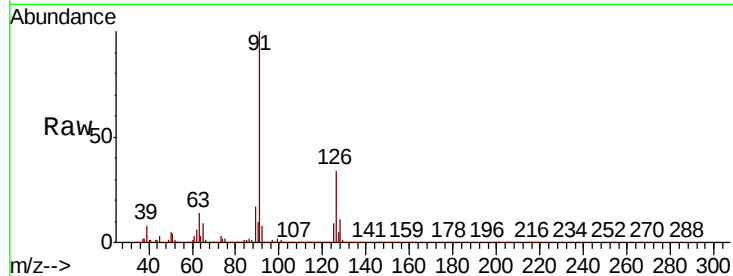




#79
2-Chlorotoluene
Concen: 49.656 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

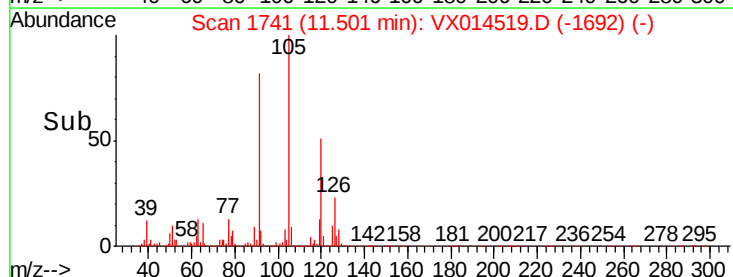
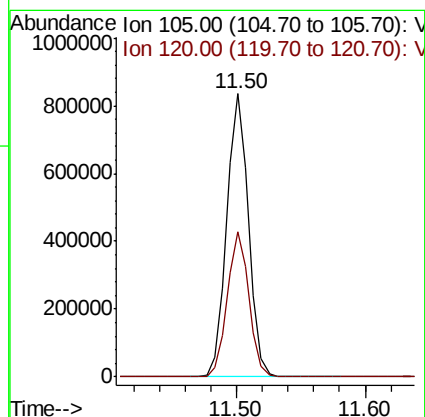
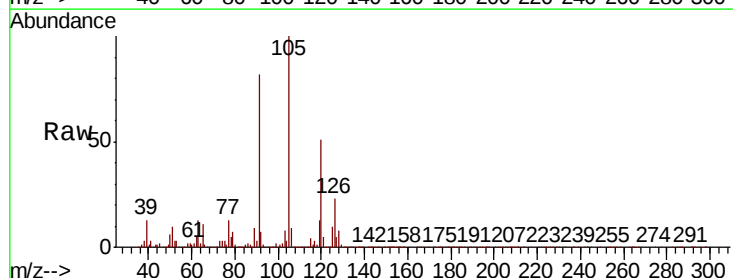
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

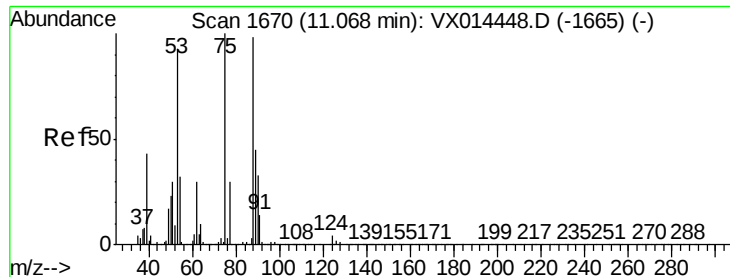
Tot Ion: 91 Resp: 796658
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 50.835 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 105 Resp: 992026
Ion Ratio Lower Upper
105 100
120 50.8 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.926 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

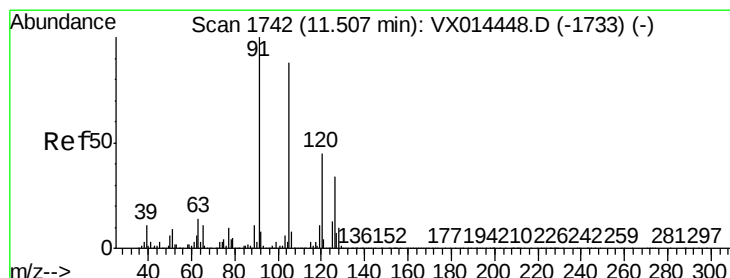
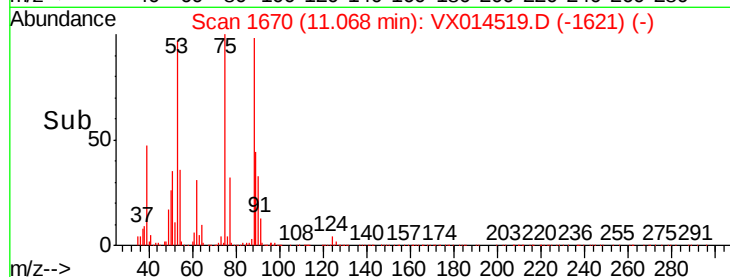
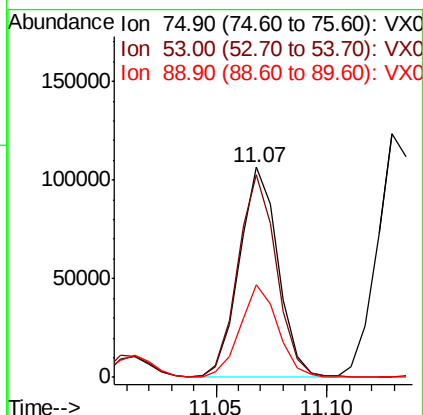
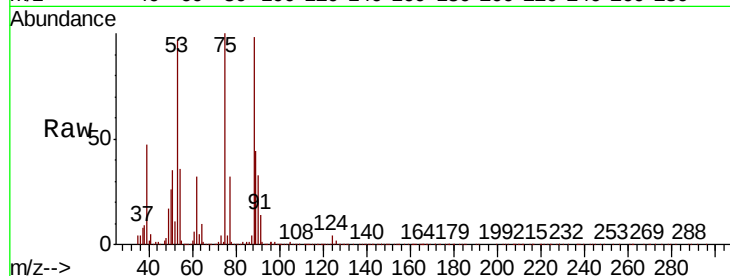
Tot Ion: 75 Resp: 128162

Ion Ratio Lower Upper

75 100

53 96.6 74.8 112.2

89 43.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 48.837 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014519.D

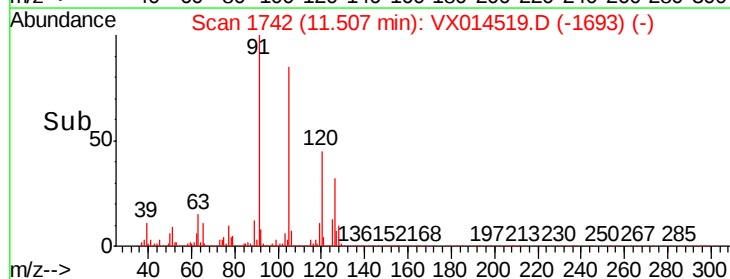
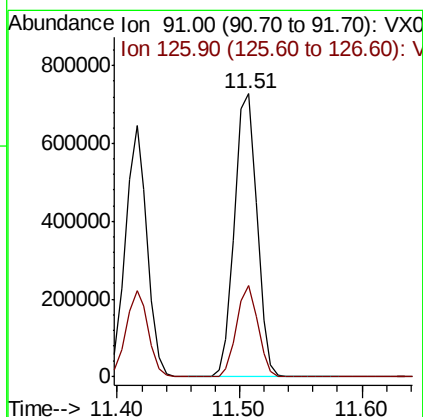
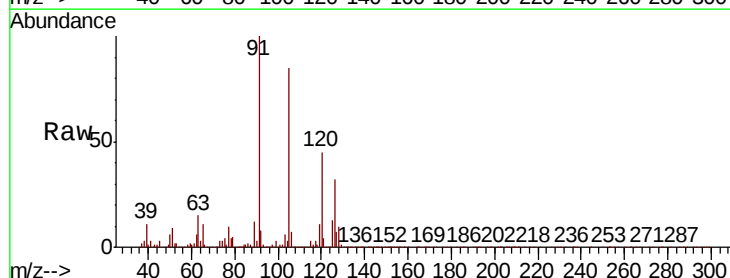
Acq: 09 Jan 2020 23:58

Tgt Ion: 91 Resp: 919698

Ion Ratio Lower Upper

91 100

126 30.9 15.9 47.7





#83

tert-Butylbenzene

Concen: 45.835 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

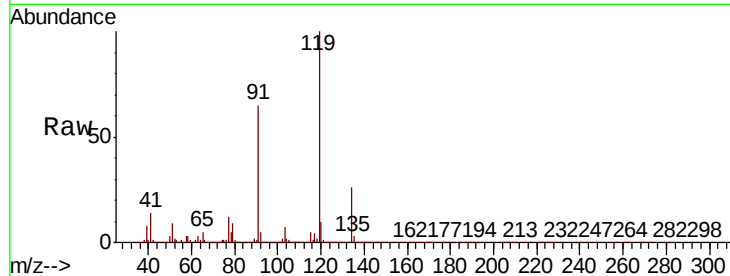
Tot Ion:119 Resp: 845127

Ion Ratio Lower Upper

119 100

91 64.3 29.3 88.0

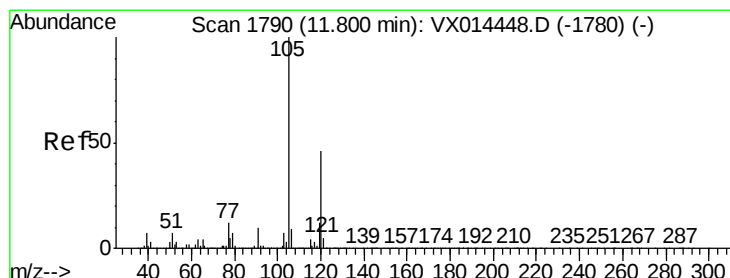
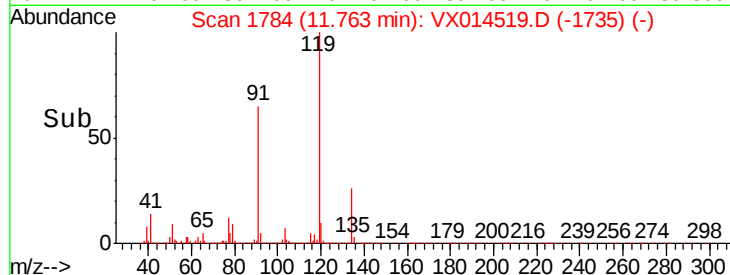
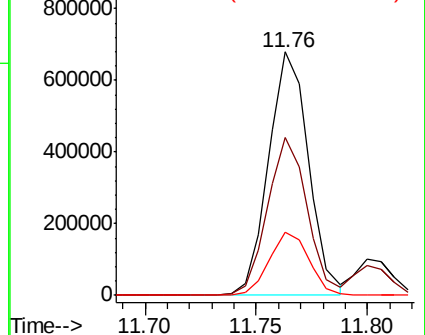
134 26.2 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.109 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014519.D

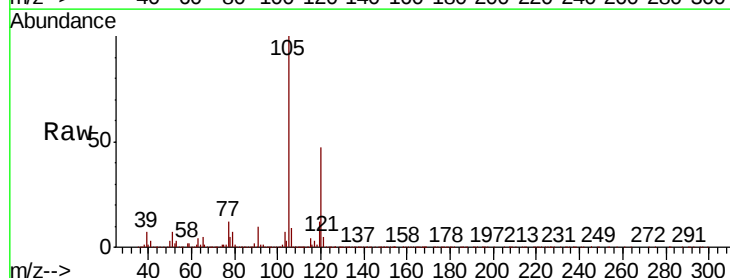
Acq: 09 Jan 2020 23:58

Tgt Ion:105 Resp: 1007805

Ion Ratio Lower Upper

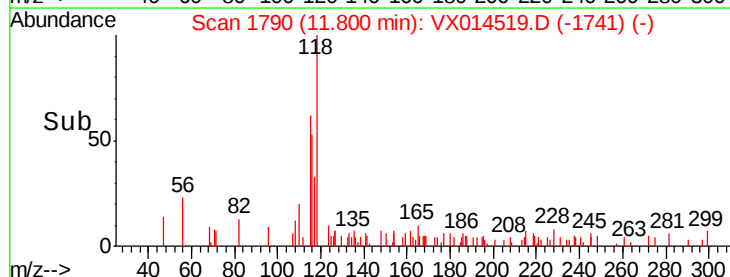
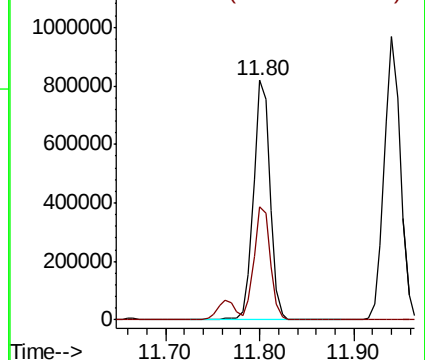
105 100

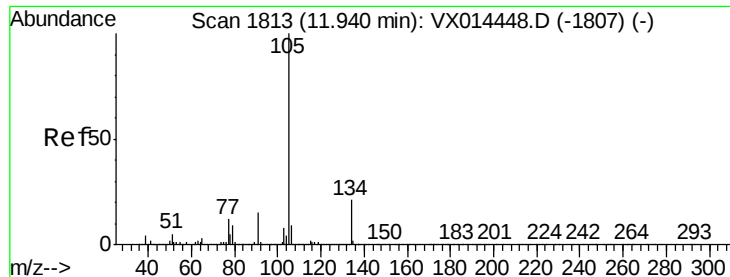
120 46.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.619 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

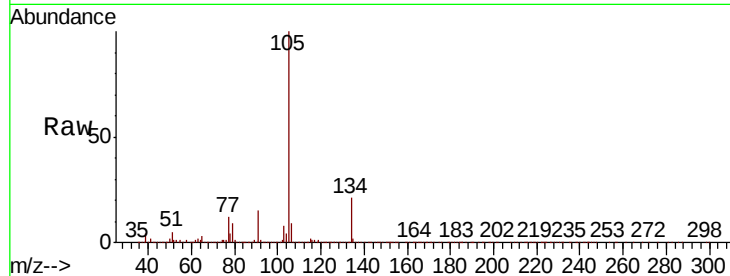
VSTDCCC050EC

Tot Ion:105 Resp: 1160279

Ion Ratio Lower Upper

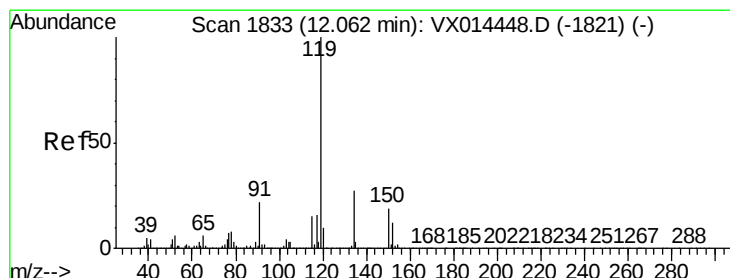
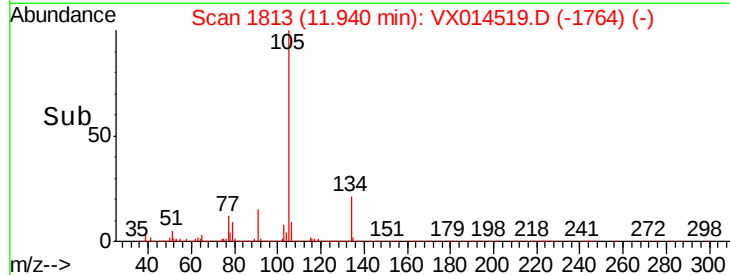
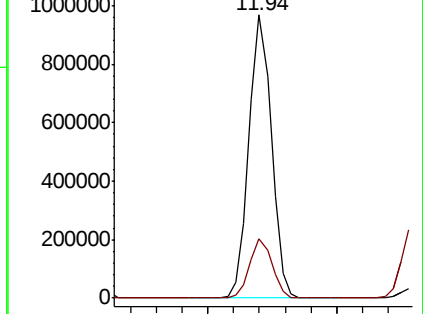
105 100

134 20.7 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: 50.071 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

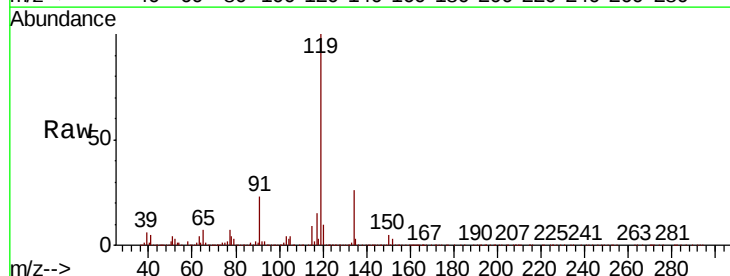
Tgt Ion:119 Resp: 1065041

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

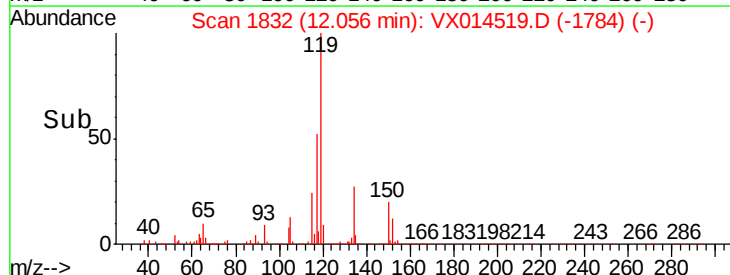
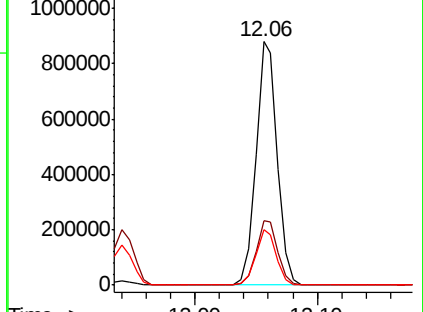
91 22.4 11.1 33.3

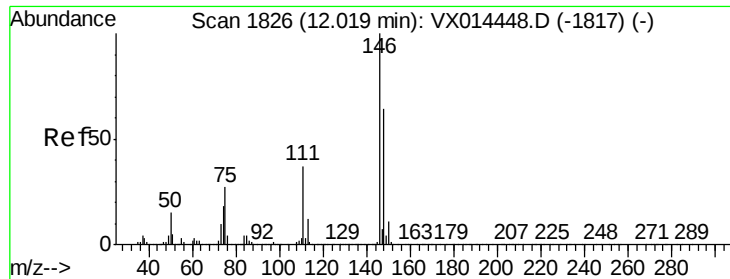


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.204 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

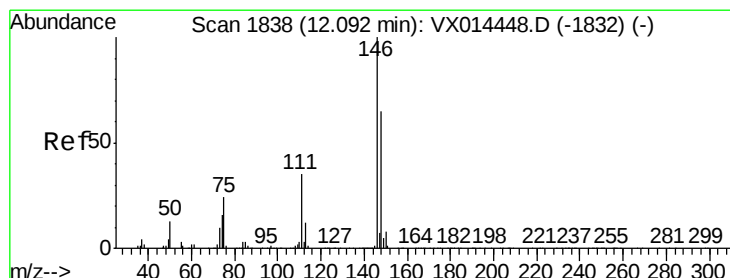
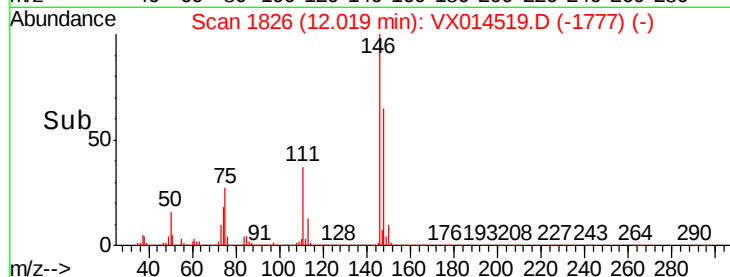
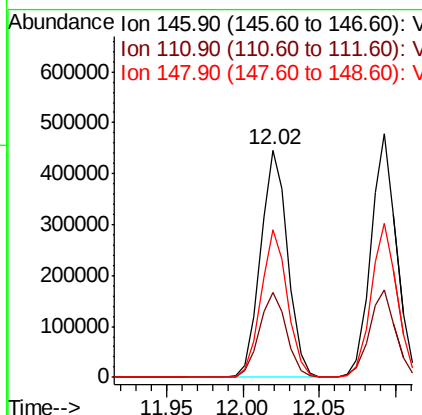
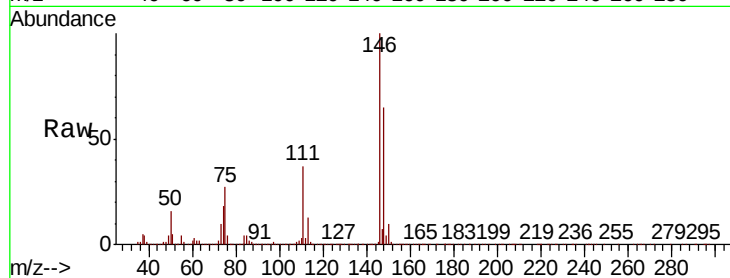
Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 552210

Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.7
148	63.3	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 50.442 ug/l

RT: 12.09 min Scan# 1838

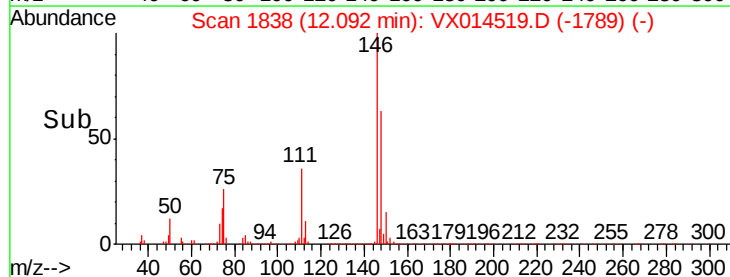
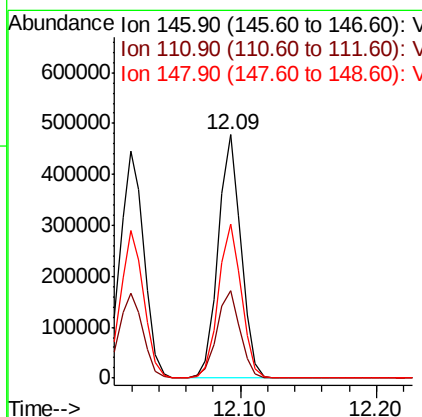
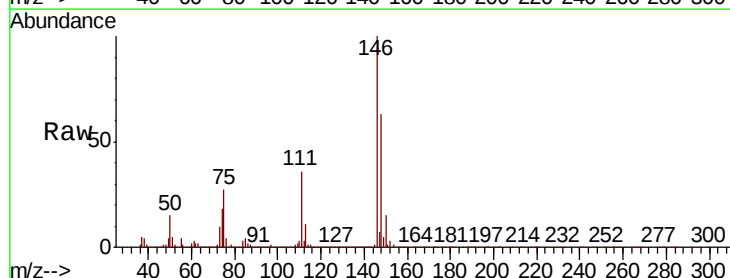
Delta R.T. 0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Tgt Ion:146 Resp: 554311

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	63.9	32.1	96.3

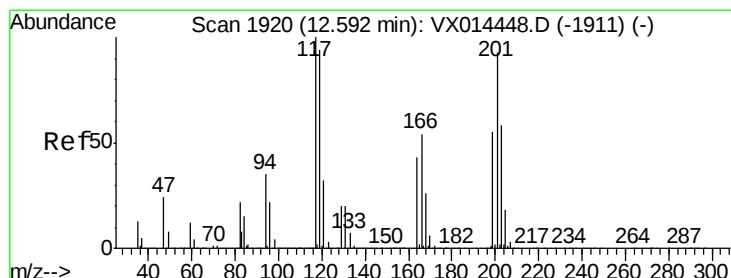
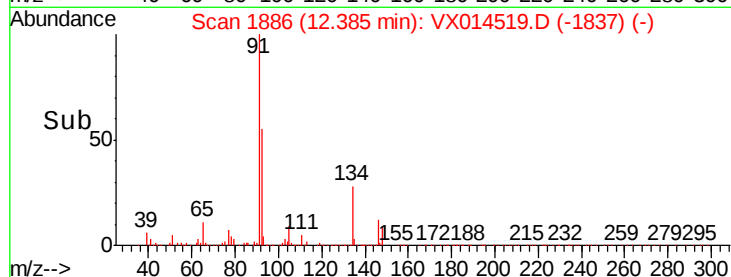
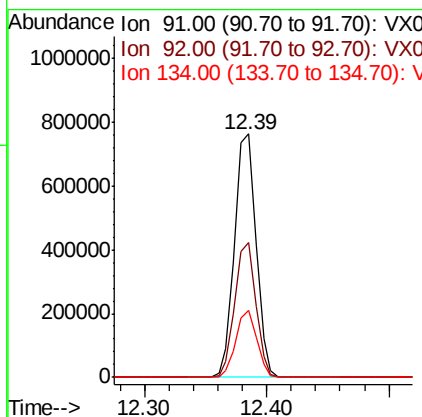
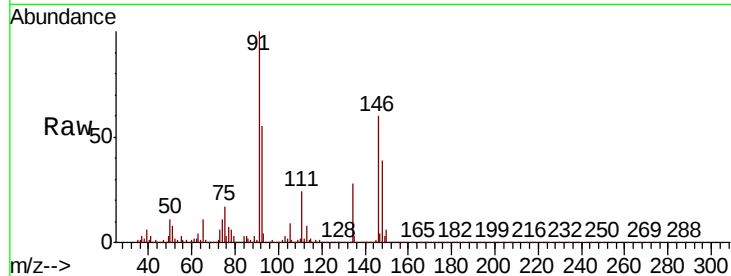




#89
n-Butylbenzene
Concen: 47.524 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

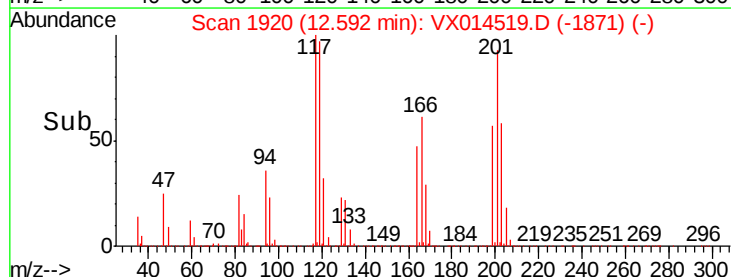
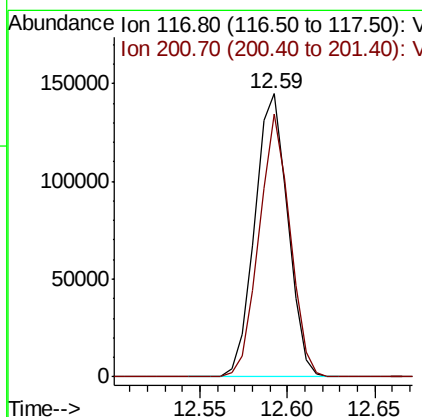
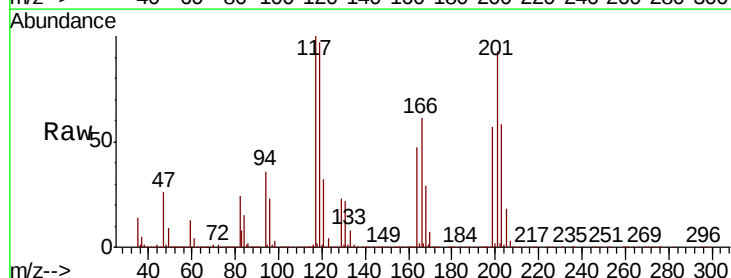
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 924257
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.2
134 26.8 13.9 41.7



#90
Hexachloroethane
Concen: 50.702 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion: 117 Resp: 189434
Ion Ratio Lower Upper
117 100
201 87.4 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 48.887 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

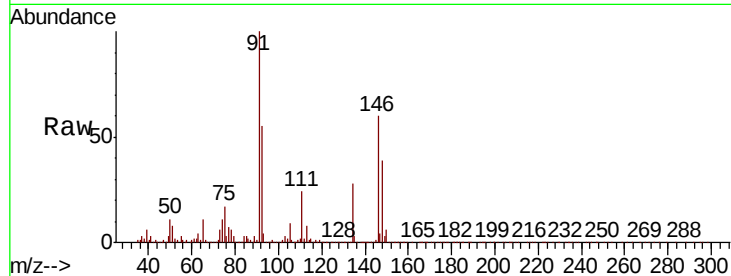
Tot Ion:146 Resp: 560312

Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.4

148 64.1 32.3 96.8

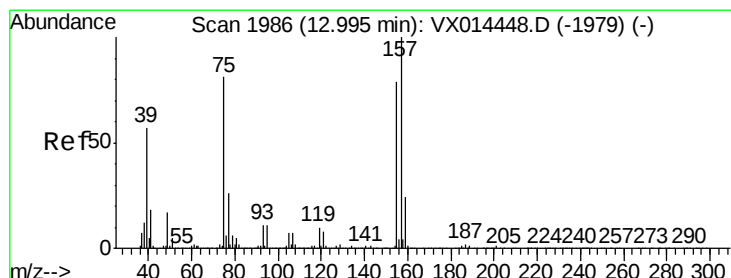
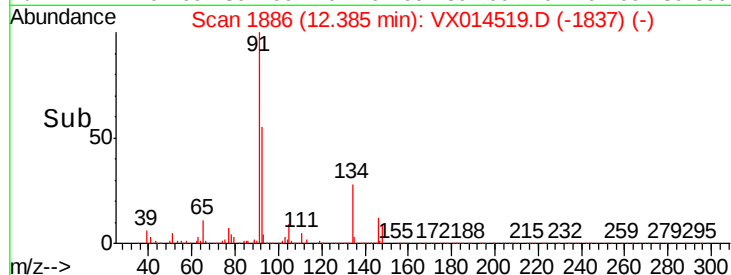
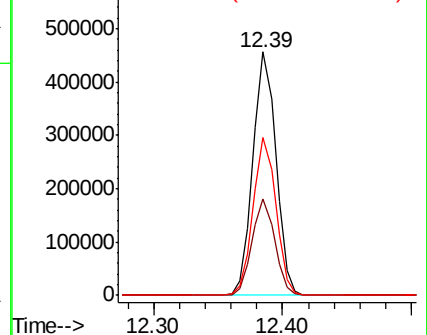


Abundance

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: 50.100 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014519.D

Acq: 09 Jan 2020 23:58

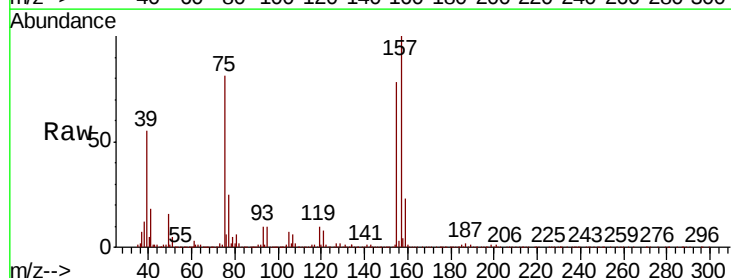
Tgt Ion: 75 Resp: 84948

Ion Ratio Lower Upper

75 100

155 98.6 48.7 146.1

157 125.2 62.0 185.9

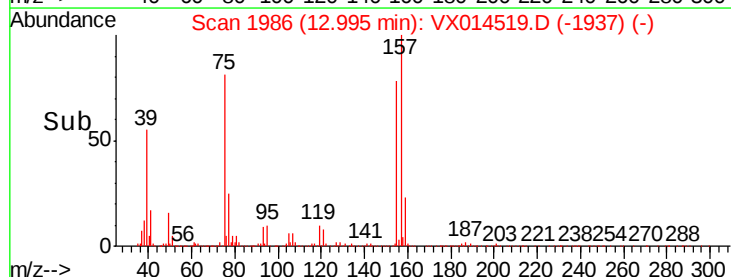
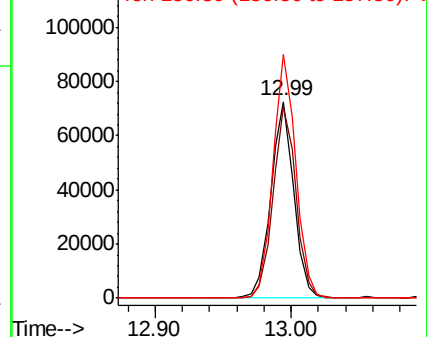


Abundance

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

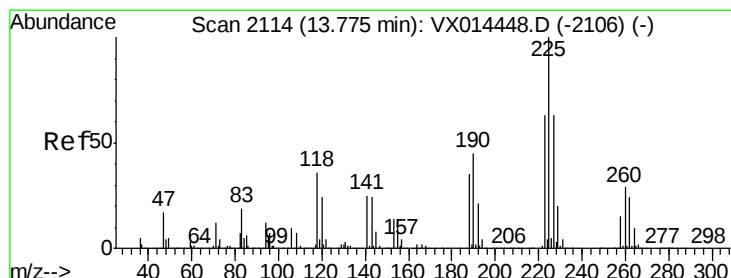
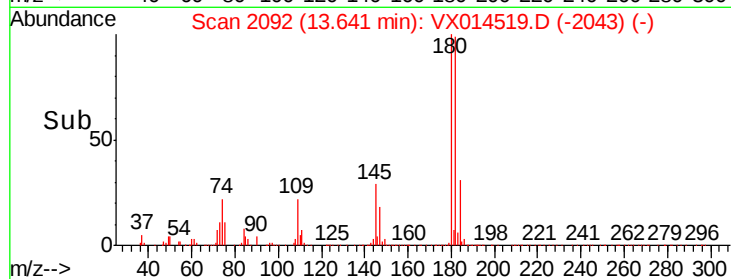
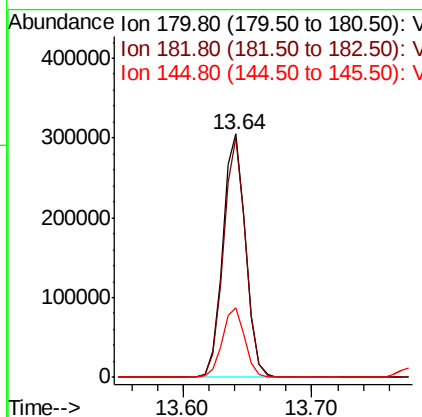
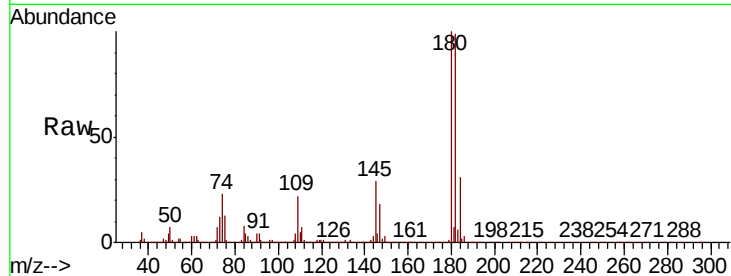




#93
 1,2,4-Trichlorobenzene
 Concen: 47.288 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

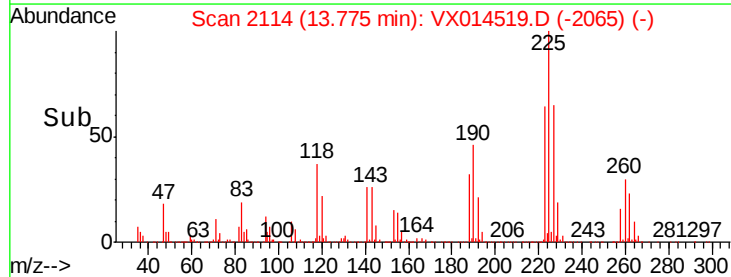
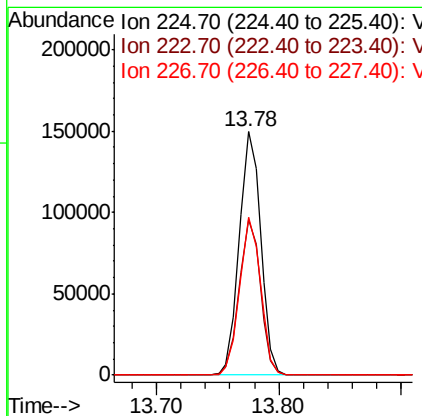
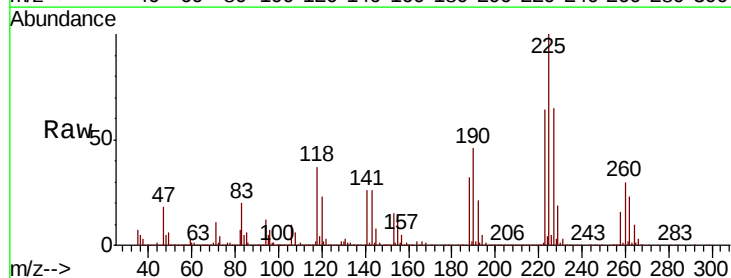
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

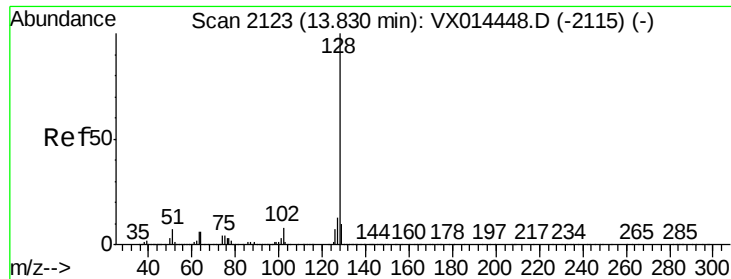
Tot Ion:180 Resp: 380431
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.5 142.5
 145 28.3 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 47.995 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014519.D
 Acq: 09 Jan 2020 23:58

Tgt Ion:225 Resp: 180812
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.2
 227 63.2 31.4 94.2

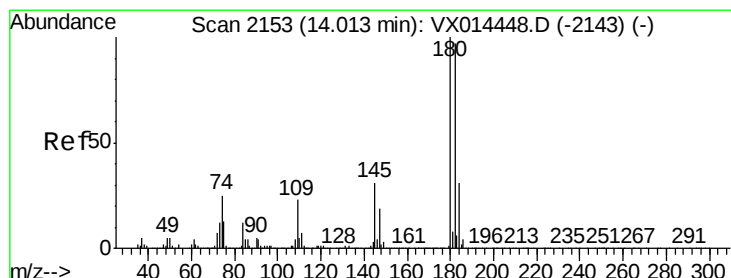
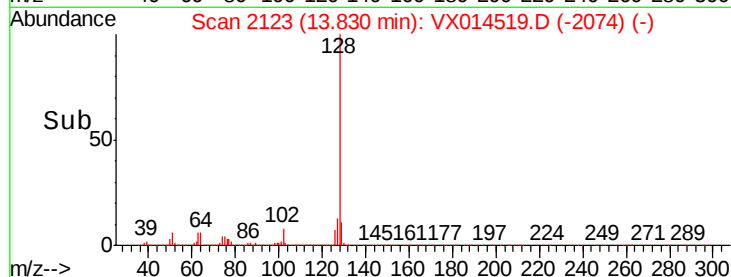
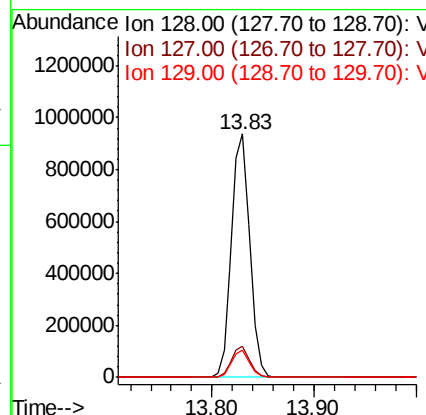
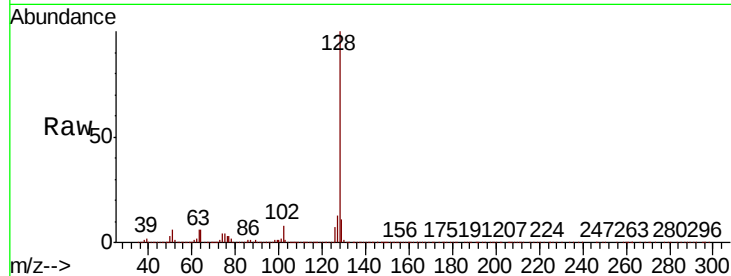




#95
Naphthalene
Concen: 46.397 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1158411
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.840 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014519.D
Acq: 09 Jan 2020 23:58

Tgt Ion:180 Resp: 385624
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.6
145 29.6 14.8 44.3

