

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016964.D
 Acq On : 25 Jun 2020 20:00
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 26 08:19:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	214324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	360947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	332195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169712	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	151460	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
35) Dibromofluoromethane	5.47	113	112057	55.35	ug/l	0.00
Spiked Amount			Recovery	=	110.70%	
50) Toluene-d8	8.70	98	423612	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	162202	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	97746	43.138	ug/l	100
3) Chloromethane	1.31	50	132522	53.984	ug/l	100
4) Vinyl Chloride	1.39	62	132855	44.092	ug/l	100
5) Bromomethane	1.62	94	97689	78.250	ug/l	100
6) Chloroethane	1.71	64	86918	47.299	ug/l	100
7) Trichlorofluoromethane	1.92	101	223973	59.517	ug/l	100
8) Diethyl Ether	2.17	74	79264	46.240	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	117203	50.690	ug/l	100
10) Methyl Iodide	2.49	142	147831	58.317	ug/l	100
11) Tert butyl alcohol	3.01	59	148724	231.359	ug/l	100
12) 1,1-Dichloroethene	2.36	96	118805	49.332	ug/l	100
13) Acrolein	2.27	56	113162	271.431	ug/l	100
14) Allyl chloride	2.71	41	220770	51.314	ug/l	100
15) Acrylonitrile	3.12	53	347055	246.637	ug/l	100
16) Acetone	2.42	43	306996	266.732	ug/l	100
17) Carbon Disulfide	2.55	76	359723	48.743	ug/l	100
18) Methyl Acetate	2.75	43	148955	44.436	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	416878	48.459	ug/l	100
20) Methylene Chloride	2.83	84	135050	48.452	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	129439	48.245	ug/l	100
22) Diisopropyl ether	3.82	45	438593	51.610	ug/l	100
23) Vinyl Acetate	3.79	43	1964349	279.649	ug/l	100
24) 1,1-Dichloroethane	3.67	63	238414	49.461	ug/l	100
25) 2-Butanone	4.64	43	482417	260.387	ug/l	100
26) 2,2-Dichloropropane	4.55	77	195279	46.443	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	141267	46.689	ug/l	100
28) Bromochloromethane	4.98	49	103559	48.544	ug/l	100
29) Tetrahydrofuran	5.09	42	323562	263.867	ug/l	100
30) Chloroform	5.18	83	240683	50.377	ug/l	100
31) Cyclohexane	5.55	56	208503	46.706	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	219884	50.961	ug/l	100
36) 1,1-Dichloropropene	5.77	75	180766	52.123	ug/l	100
37) Ethyl Acetate	4.80	43	197069	55.795	ug/l	100
38) Carbon Tetrachloride	5.75	117	194372	59.629	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	202857	48.905	ug/l	100
40) Benzene	6.12	78	518492	51.390	ug/l	100
41) Methacrylonitrile	5.01	41	105028	52.807	ug/l	100
42) 1,2-Dichloroethane	6.17	62	204480	56.614	ug/l	100
43) Isopropyl Acetate	6.42	43	327341	56.472	ug/l	100
44) Trichloroethene	7.19	130	136283	44.844	ug/l	100
45) 1,2-Dichloropropane	7.49	63	135836	52.414	ug/l	100
46) Dibromomethane	7.64	93	92273	53.122	ug/l	100
47) Bromodichloromethane	7.88	83	195370	54.906	ug/l	100
48) Methyl methacrylate	7.74	41	157049	55.160	ug/l	100
49) 1,4-Dioxane	7.71	88	62113	998.552	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	964269	283.974	ug/l	100
52) Toluene	8.77	92	326900	51.198	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	214354	50.845	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	225060	51.060	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	128797	50.469	ug/l	100
56) Ethyl methacrylate	9.16	69	206051	50.415	ug/l	100
57) 1,3-Dichloropropane	9.35	76	224281	51.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	526835	259.178	ug/l	100
59) 2-Hexanone	9.47	43	729512	283.324	ug/l	100
60) Dibromochloromethane	9.57	129	150480	58.049	ug/l	100
61) 1,2-Dibromoethane	9.65	107	140659	53.017	ug/l	100
64) Tetrachloroethene	9.32	164	116839	37.289	ug/l	100
65) Chlorobenzene	10.12	112	344063	52.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	132130	55.719	ug/l	100
67) Ethyl Benzene	10.23	91	630880	51.759	ug/l	100
68) m/p-Xylenes	10.34	106	473990	105.861	ug/l	100
69) o-Xylene	10.68	106	224396	51.543	ug/l	100
70) Styrene	10.70	104	391006	52.186	ug/l	100
71) Bromoform	10.84	173	110087	66.351	ug/l #	100
73) Isopropylbenzene	11.00	105	610559	48.899	ug/l	100
74) N-amyl acetate	10.88	43	295999	53.641	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	195384	65.013	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	240372	66.022	ug/l	86
77) Bromobenzene	11.24	156	149334	51.799	ug/l	100
78) n-propylbenzene	11.34	91	720050	48.778	ug/l	100
79) 2-Chlorotoluene	11.40	91	424262	48.786	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	512682	48.382	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	71739	45.492	ug/l	100
82) 4-Chlorotoluene	11.49	91	505699	48.671	ug/l	100
83) tert-Butylbenzene	11.76	119	493871	53.986	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	524783	48.210	ug/l	100
85) sec-Butylbenzene	11.93	105	592185	48.508	ug/l	100
86) p-Isopropyltoluene	12.05	119	537616	48.237	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	272115	51.331	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	276952	50.811	ug/l	100
89) n-Butylbenzene	12.37	91	498274	47.655	ug/l	100
90) Hexachloroethane	12.58	117	106531	58.736	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	254579	50.023	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44032	48.615	ug/l	100

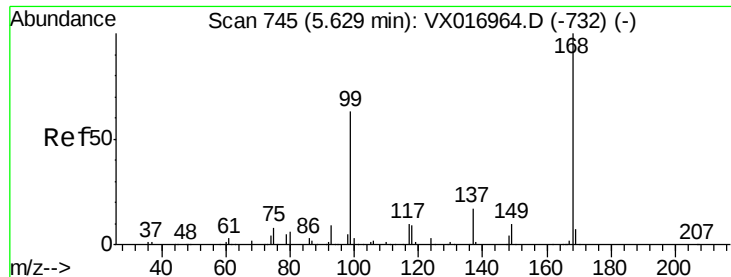
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	168842	51.130	ug/l	100
94) Hexachlorobutadiene	13.76	225	60180	51.594	ug/l	100
95) Naphthalene	13.82	128	569544	48.222	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	160416	51.168	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

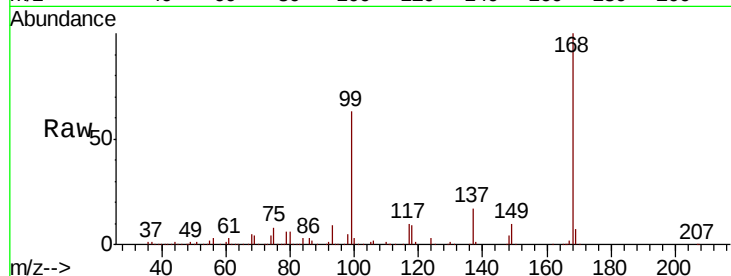
VSTDICCC050

Tot Ion:168 Resp: 214324

Ion Ratio Lower Upper

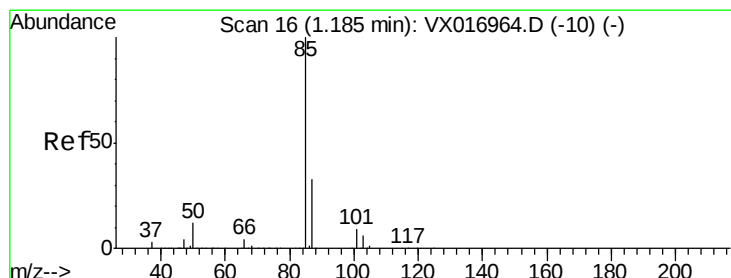
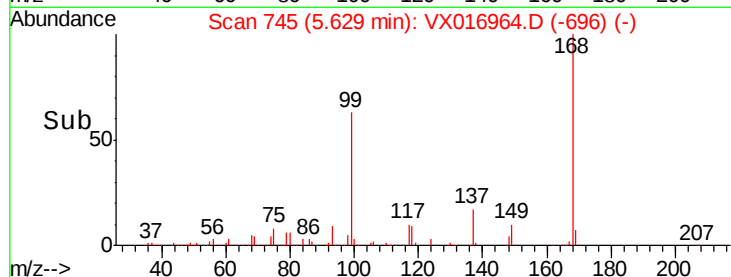
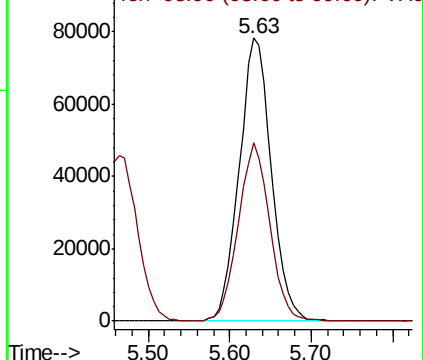
168 100

99 62.7 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.138 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016964.D

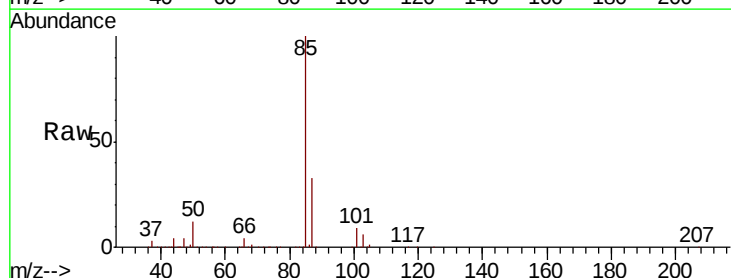
Acq: 25 Jun 2020 20:00

Tgt Ion: 85 Resp: 97746

Ion Ratio Lower Upper

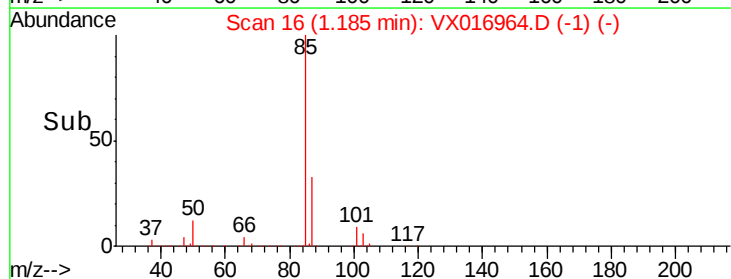
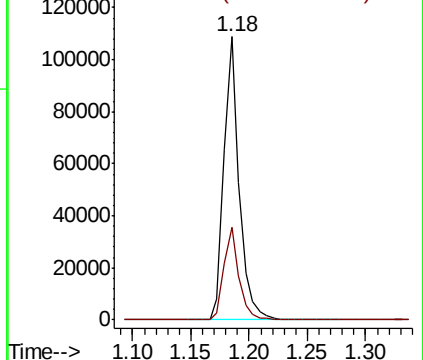
85 100

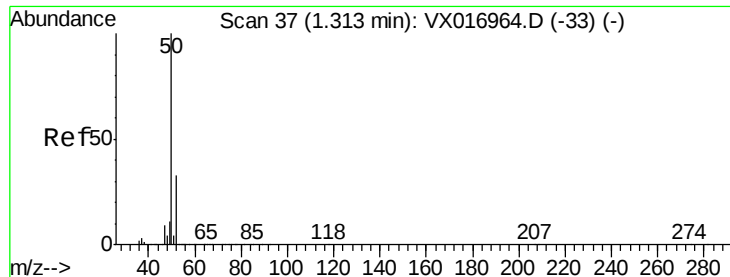
87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.984 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

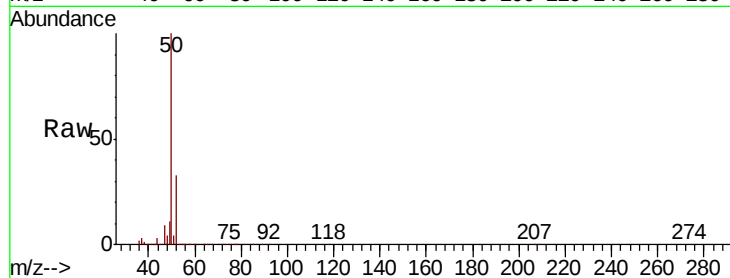
VSTDICCC050

Tot Ion: 50 Resp: 132522

Ion Ratio Lower Upper

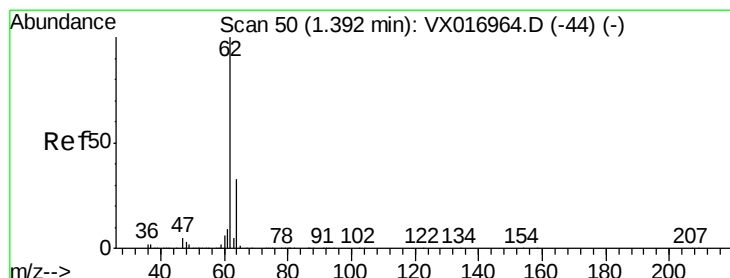
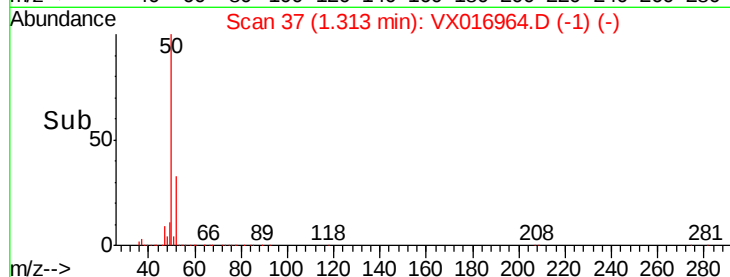
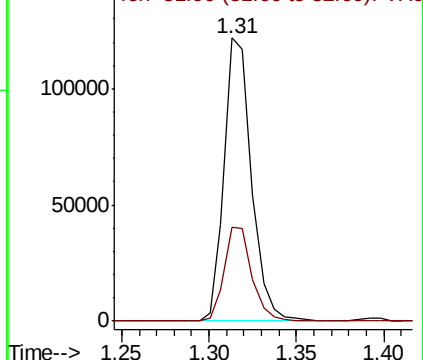
50 100

52 33.3 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.092 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016964.D

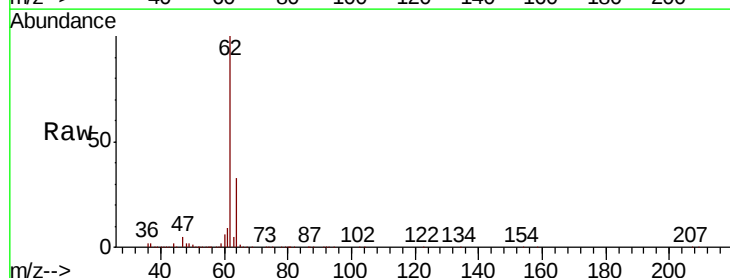
Acq: 25 Jun 2020 20:00

Tgt Ion: 62 Resp: 132855

Ion Ratio Lower Upper

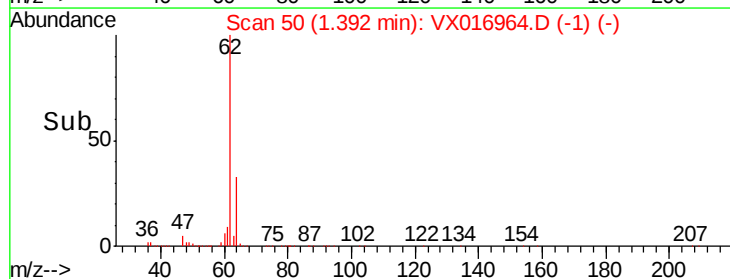
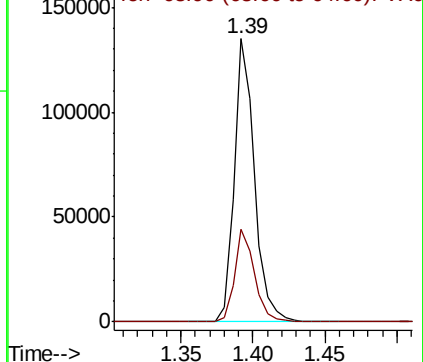
62 100

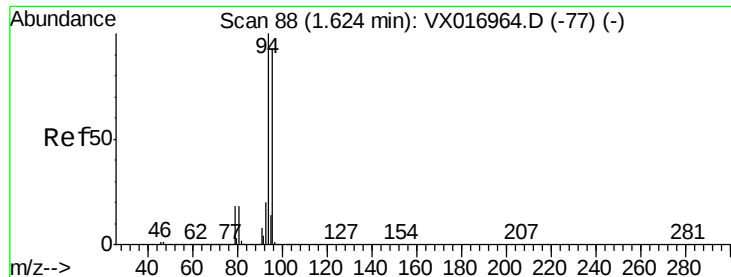
64 32.9 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 78.250 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

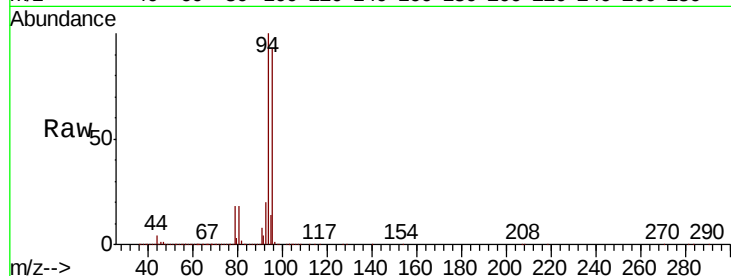
VSTDICCC050

Tot Ion: 94 Resp: 97689

Ion Ratio Lower Upper

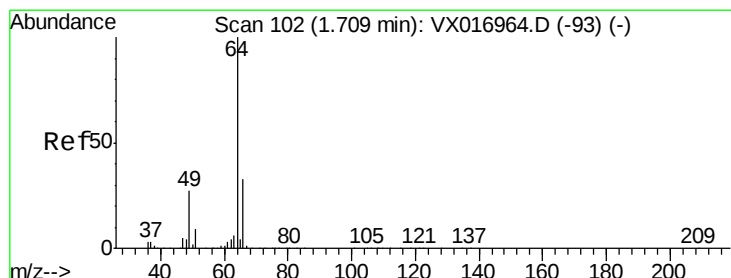
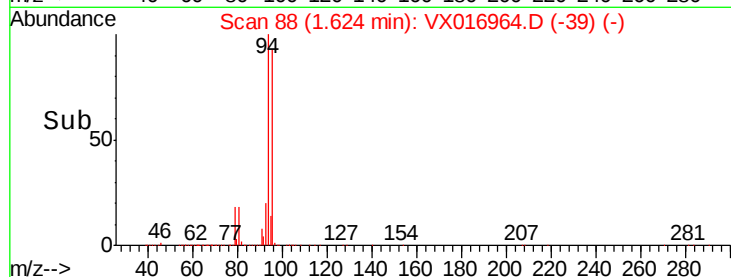
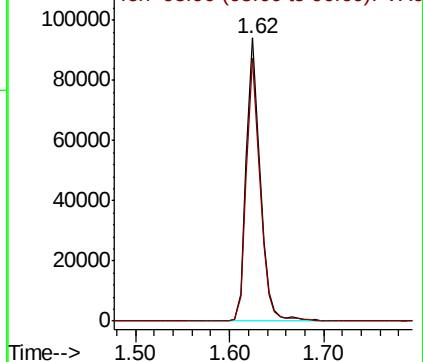
94 100

96 92.7 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.299 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016964.D

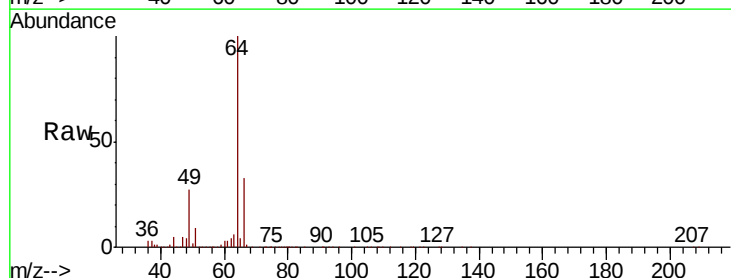
Acq: 25 Jun 2020 20:00

Tgt Ion: 64 Resp: 86918

Ion Ratio Lower Upper

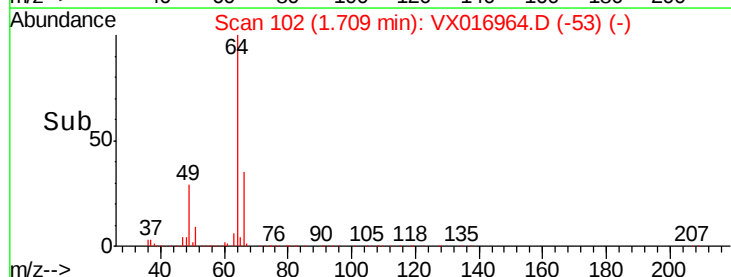
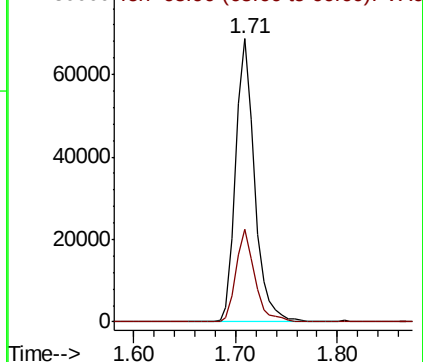
64 100

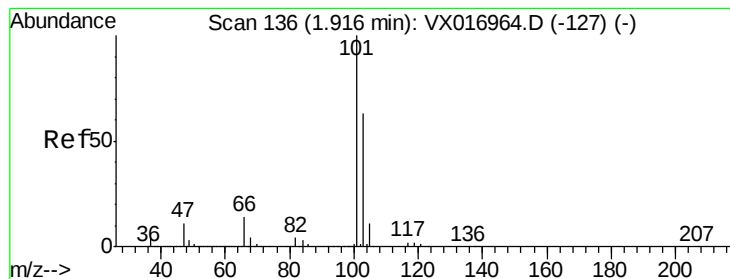
66 32.7 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



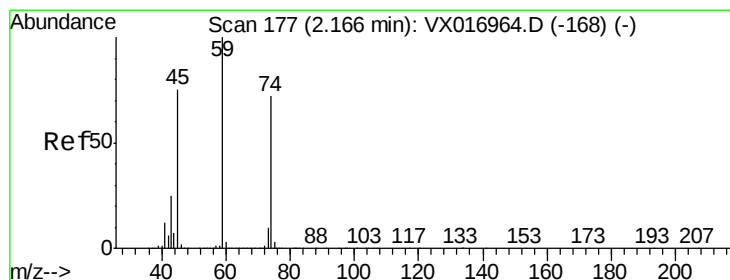
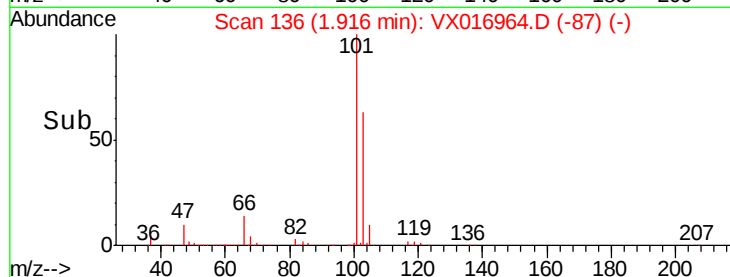
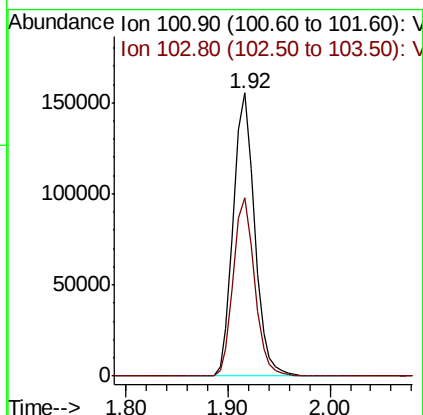
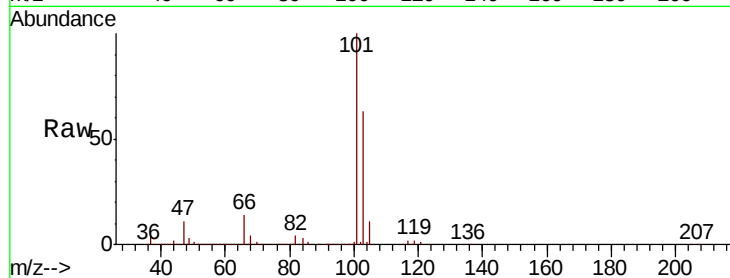


#7

Trichlorofluoromethane
 Concen: 59.517 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

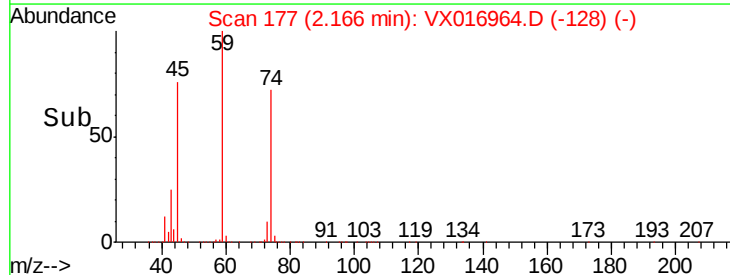
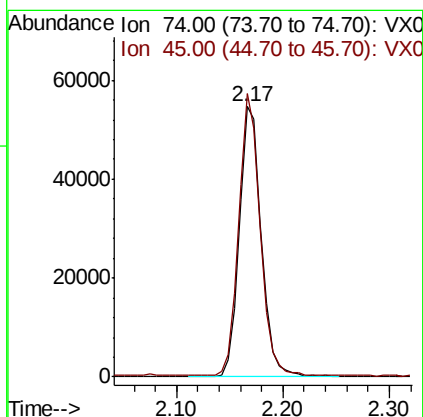
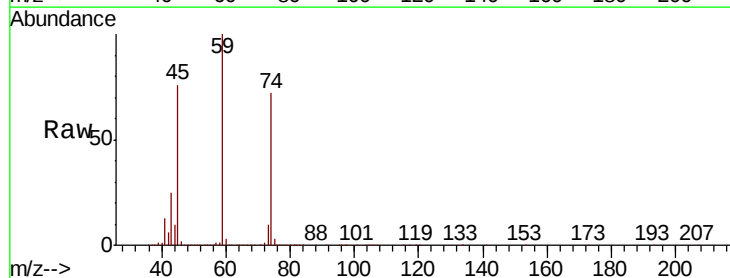
Tot Ion:101 Resp: 223973
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.2 75.4

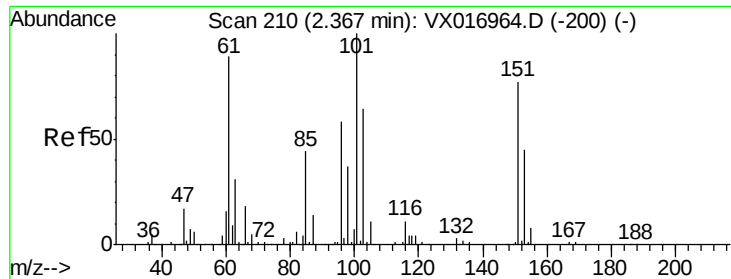


#8

Diethyl Ether
 Concen: 46.240 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion: 74 Resp: 79264
 Ion Ratio Lower Upper
 74 100
 45 101.0 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.690 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

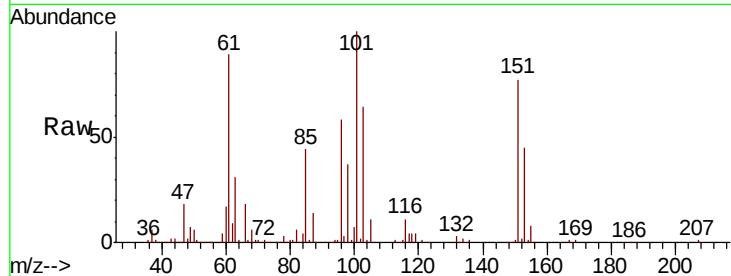
Tot Ion:101 Resp: 117203

Ion Ratio Lower Upper

101 100

85 46.0 36.8 55.2

151 74.7 59.8 89.6

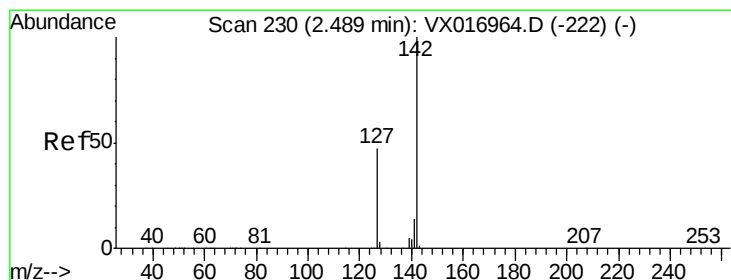
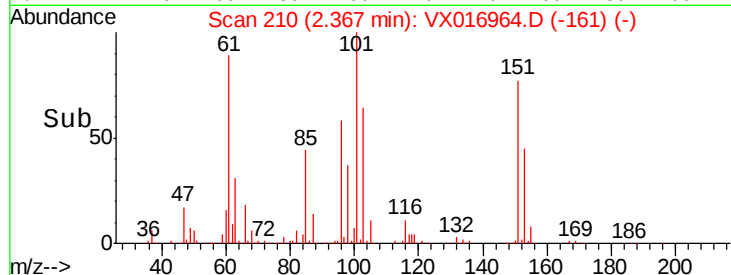
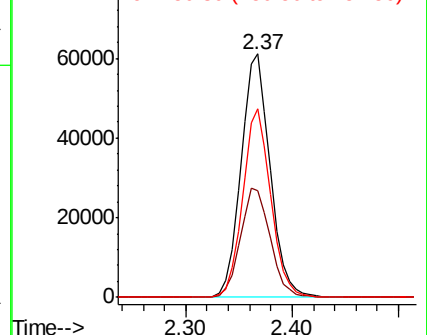


Abundance

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: 58.317 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

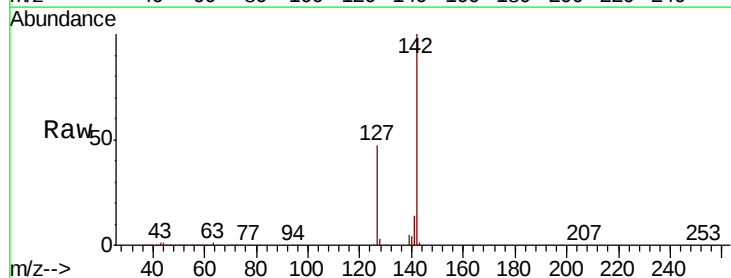
Tgt Ion:142 Resp: 147831

Ion Ratio Lower Upper

142 100

127 46.7 37.4 56.0

141 14.6 11.7 17.5

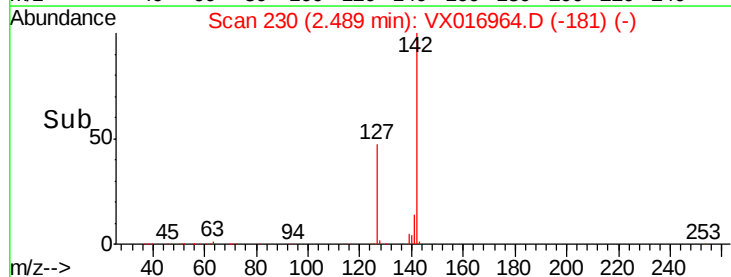
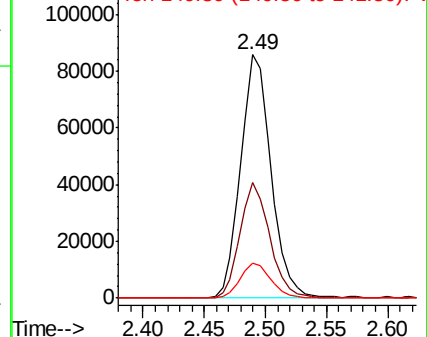


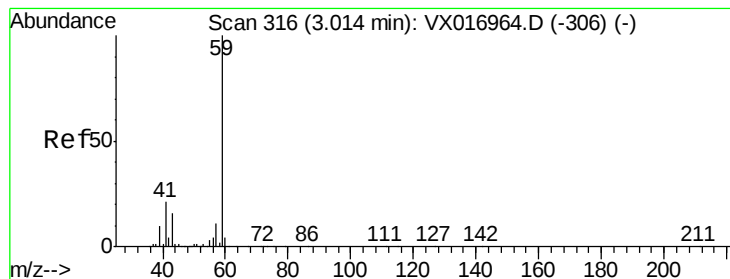
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 231.359 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

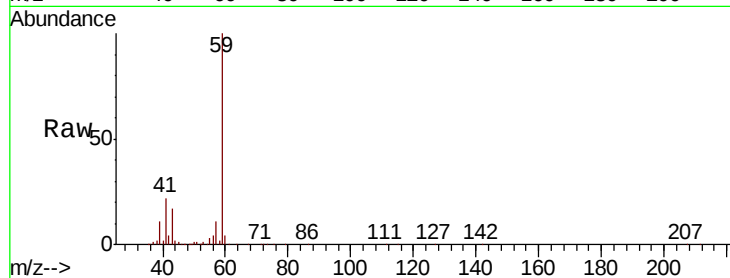
VSTDICCC050

Tot Ion: 59 Resp: 148724

Ion Ratio Lower Upper

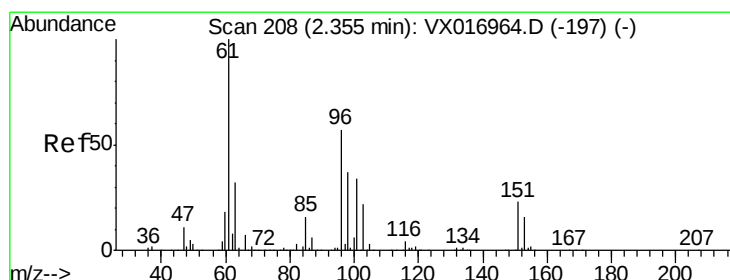
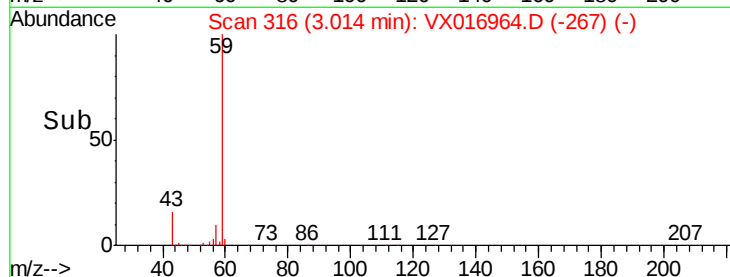
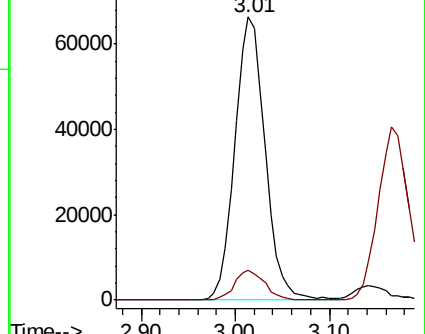
59 100

57 10.6 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 49.332 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

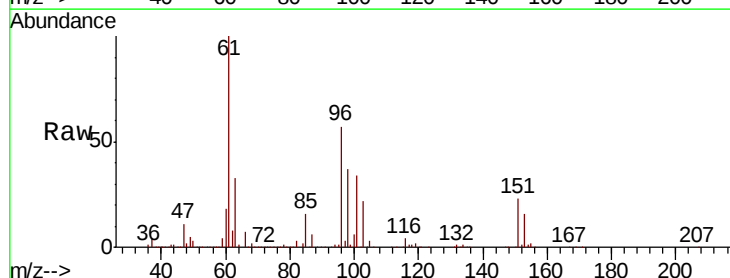
Tgt Ion: 96 Resp: 118805

Ion Ratio Lower Upper

96 100

61 174.6 139.7 209.5

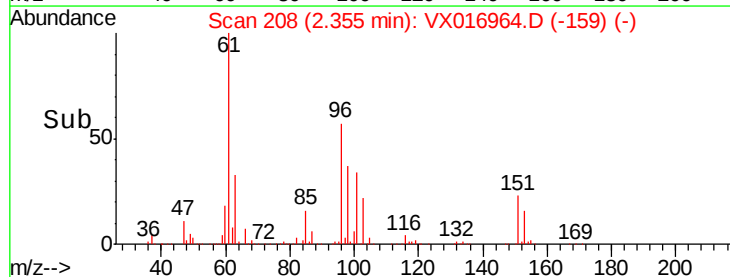
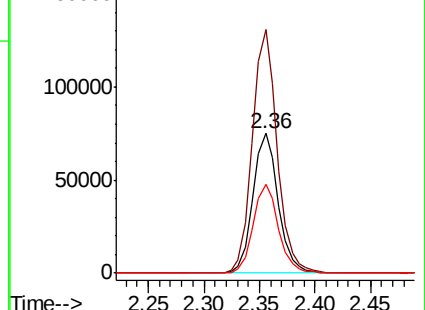
98 63.8 51.0 76.6

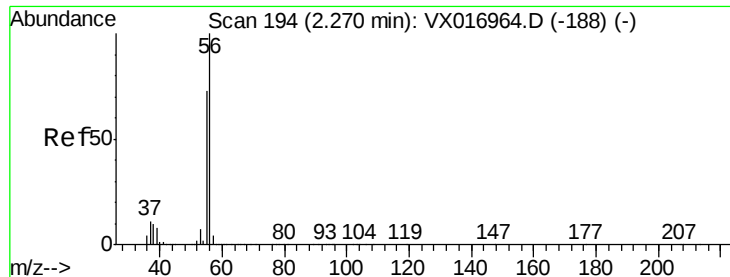


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

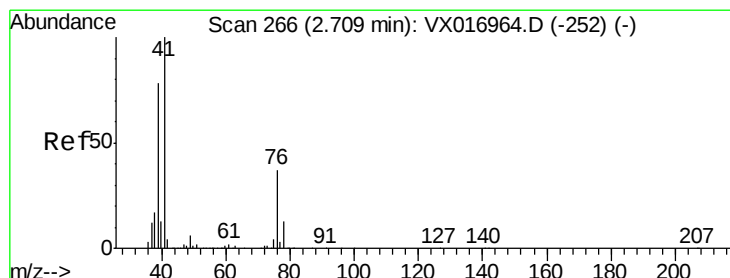
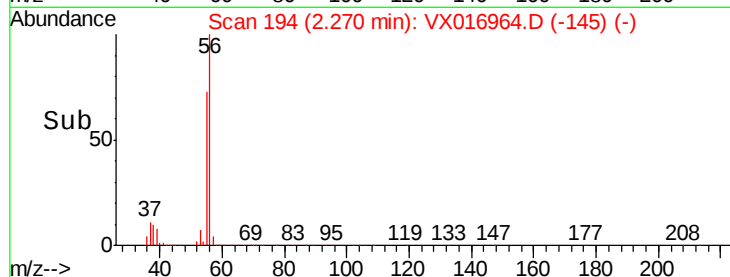
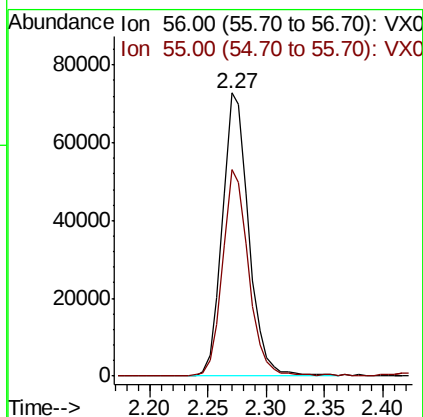
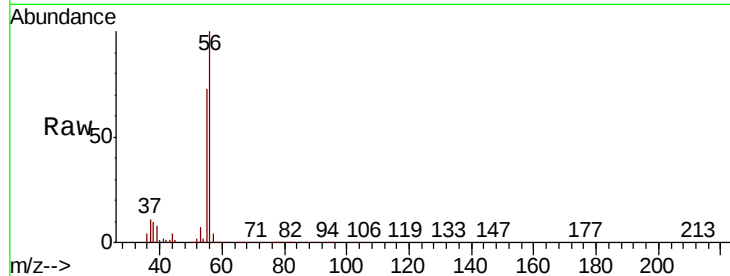




#13
Acrolein
Concen: 271.431 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

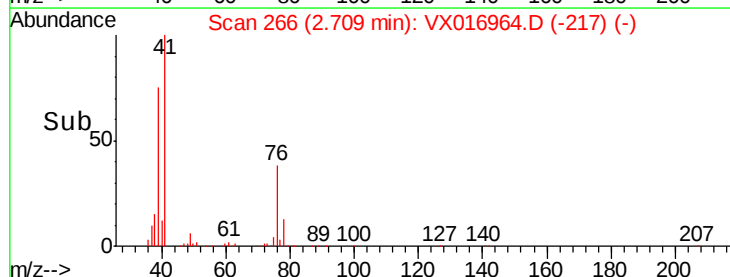
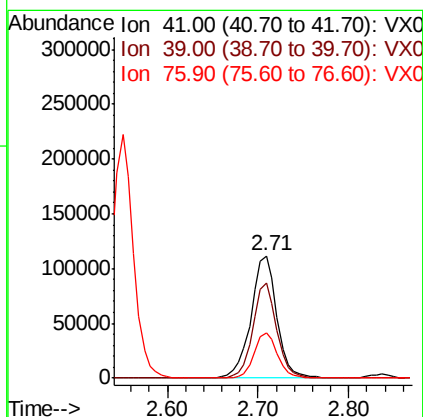
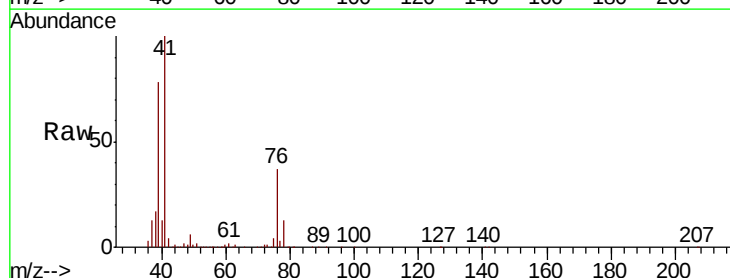
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

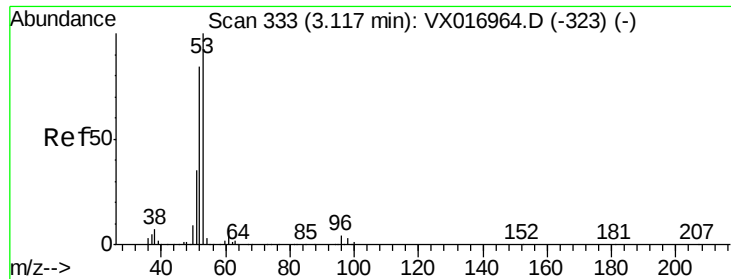
Tot Ion: 56 Resp: 113162
Ion Ratio Lower Upper
56 100
55 71.9 57.5 86.3



#14
Allyl chloride
Concen: 51.314 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion: 41 Resp: 220770
Ion Ratio Lower Upper
41 100
39 70.5 56.4 84.6
76 33.1 26.5 39.7

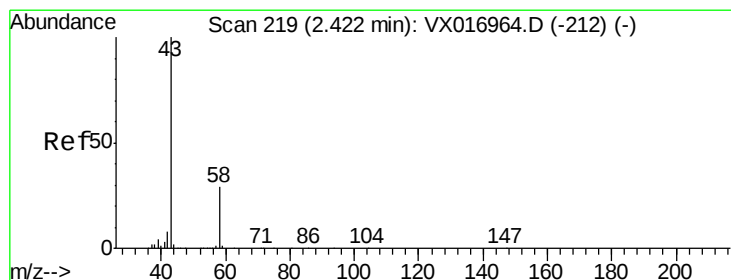
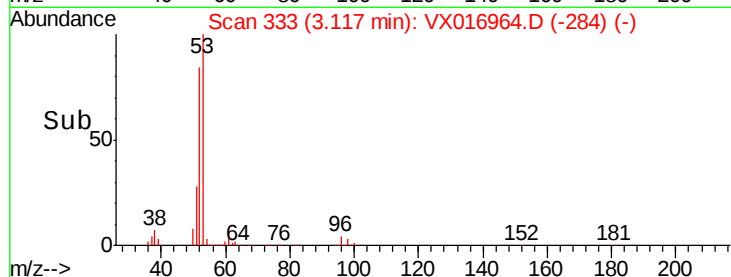
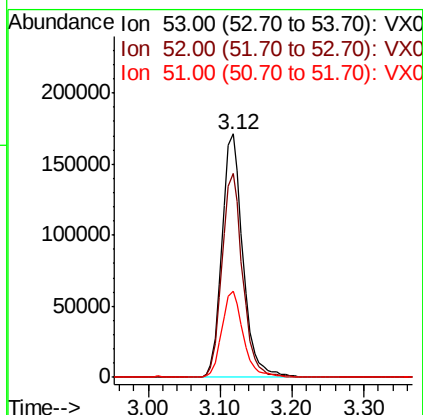
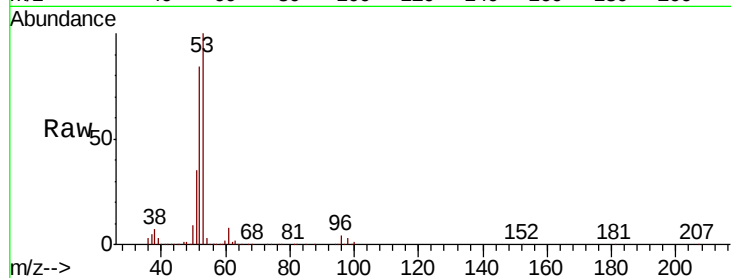




#15
 Acrylonitrile
 Concen: 246.637 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

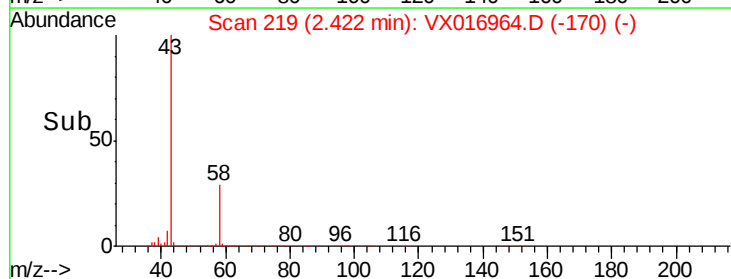
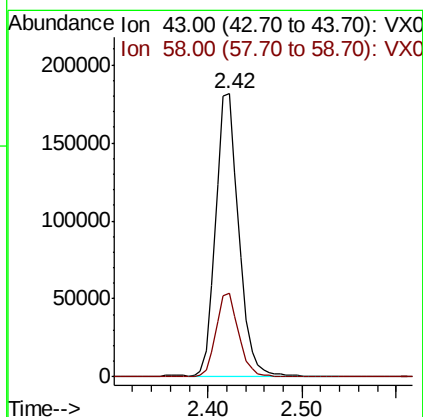
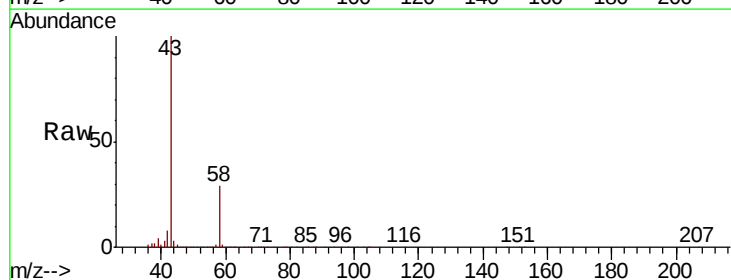
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

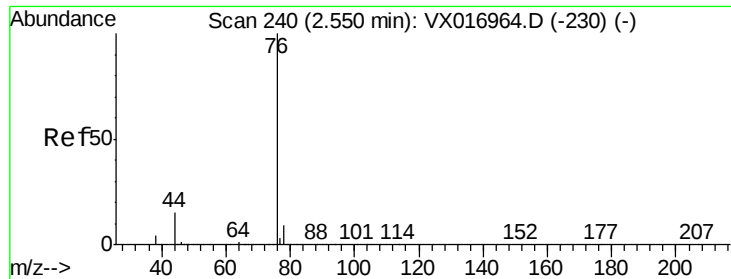
Tot Ion	53	Resp	347055
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.3	99.5
51	36.3	29.0	43.6



#16
 Acetone
 Concen: 266.732 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion	43	Resp	306996
Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.5	35.3

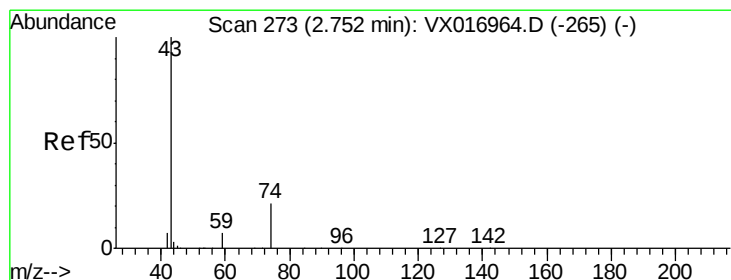
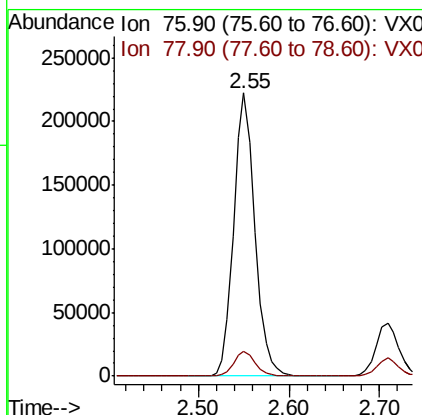
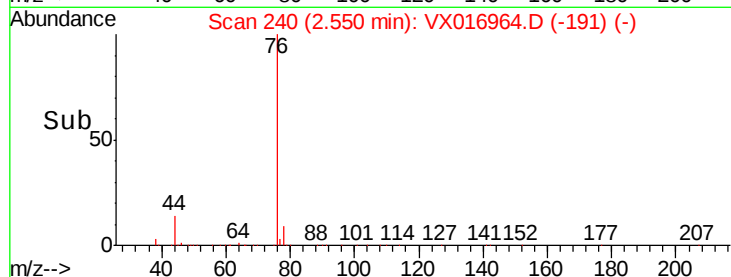
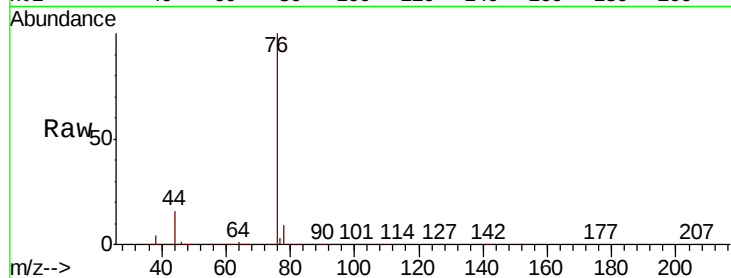




#17
Carbon Disulfide
Concen: 48.743 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

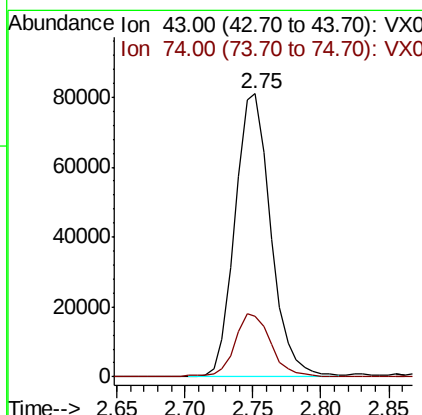
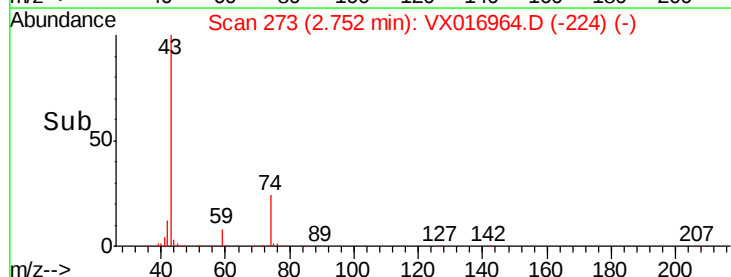
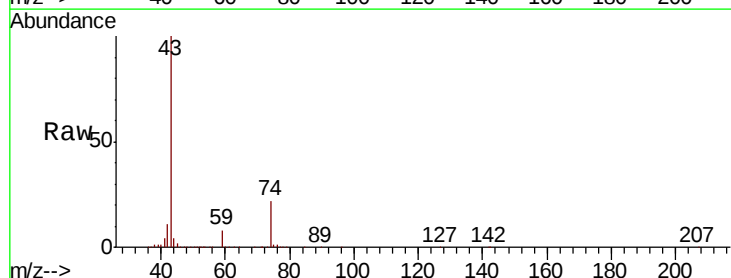
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

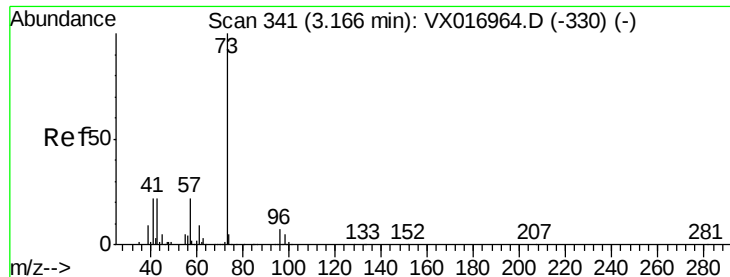
Tot Ion: 76 Resp: 359723
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 44.436 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion: 43 Resp: 148955
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5



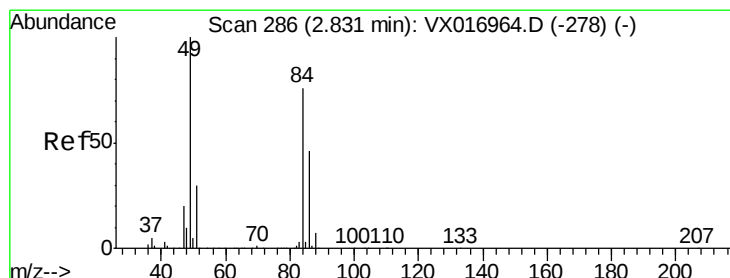
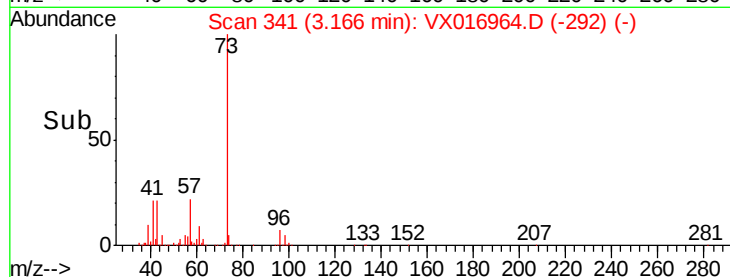
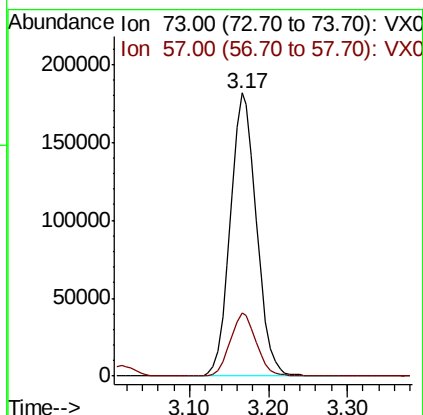
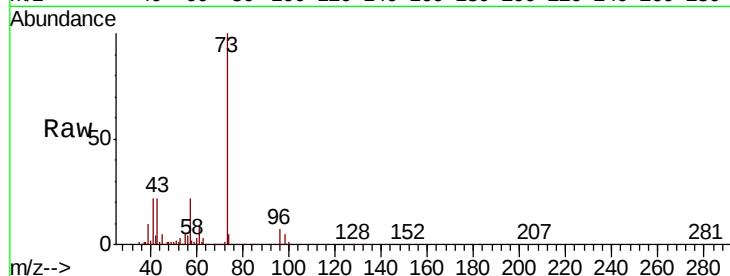


#19

Methyl tert-butyl Ether
 Concen: 48.459 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

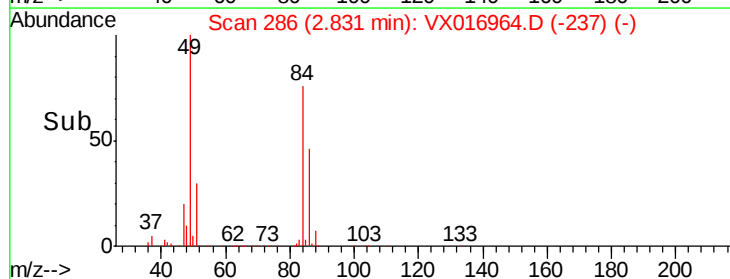
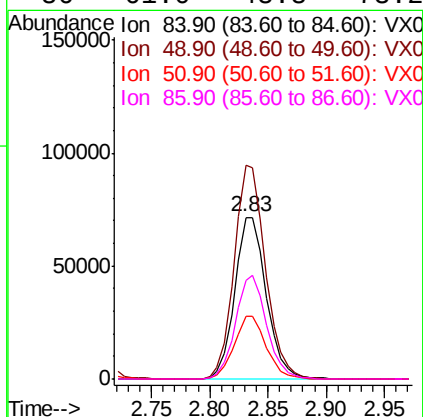
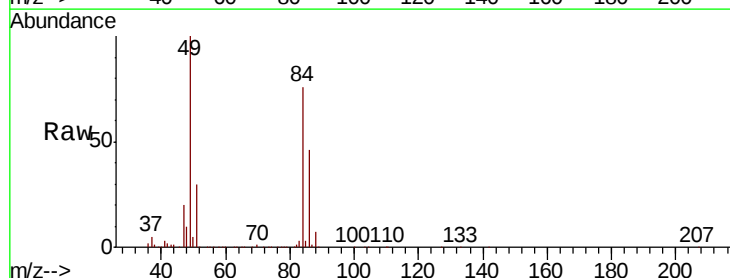
Tot Ion: 73 Resp: 416878
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.8 26.8

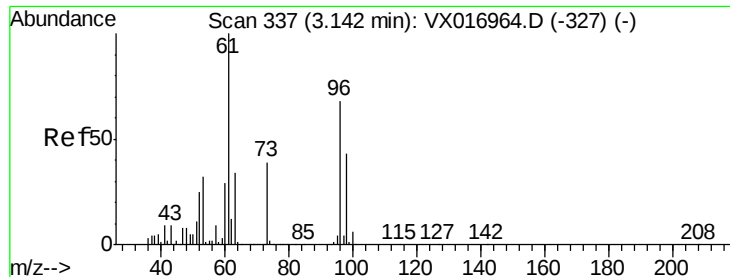


#20

Methylene Chloride
 Concen: 48.452 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion: 84 Resp: 135050
 Ion Ratio Lower Upper
 84 100
 49 132.0 105.6 158.4
 51 39.0 31.2 46.8
 86 61.0 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 48.245 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

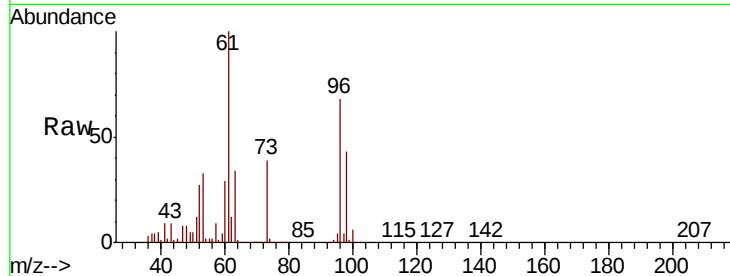
Tot Ion: 96 Resp: 129439

Ion Ratio Lower Upper

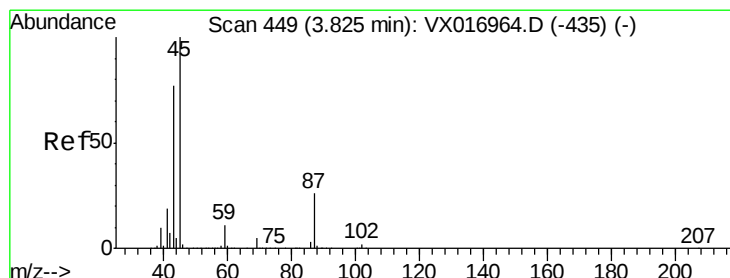
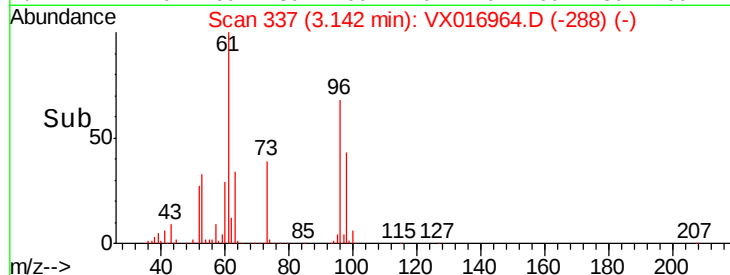
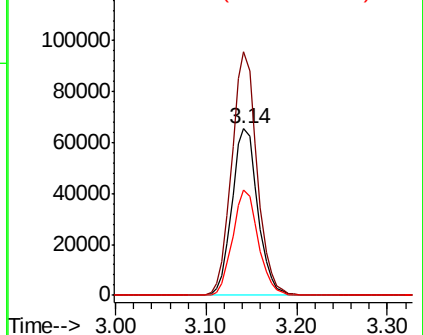
96 100

61 145.9 116.7 175.1

98 63.4 50.7 76.1



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: 51.610 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Tgt Ion: 45 Resp: 438593

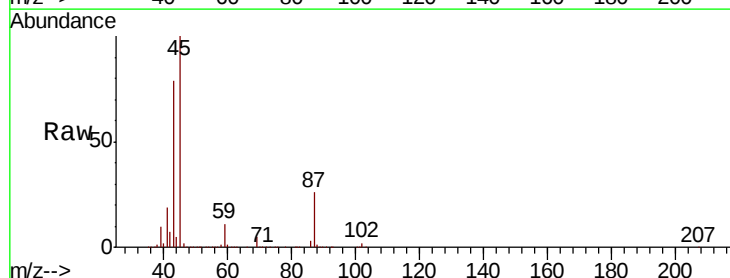
Ion Ratio Lower Upper

45 100

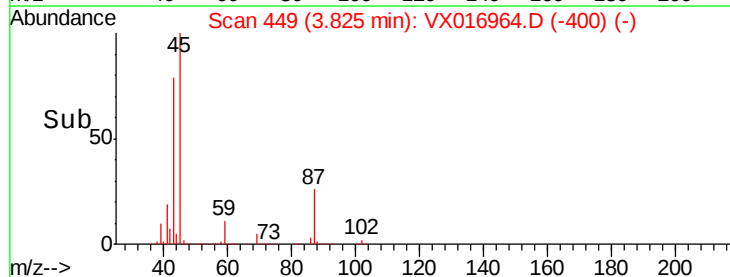
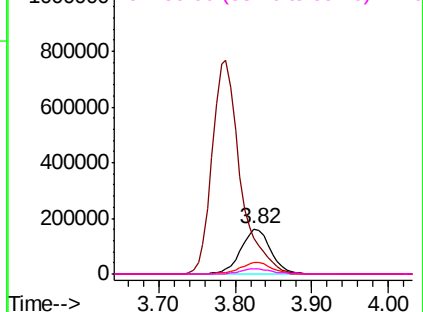
43 78.4 62.7 94.1

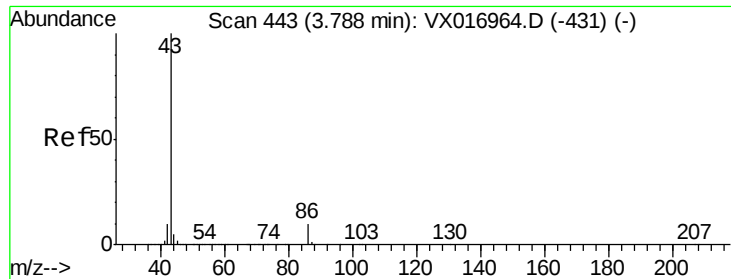
87 26.2 21.0 31.4

59 11.3 9.0 13.6



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

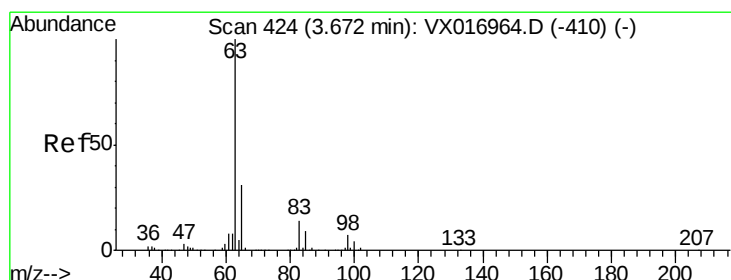
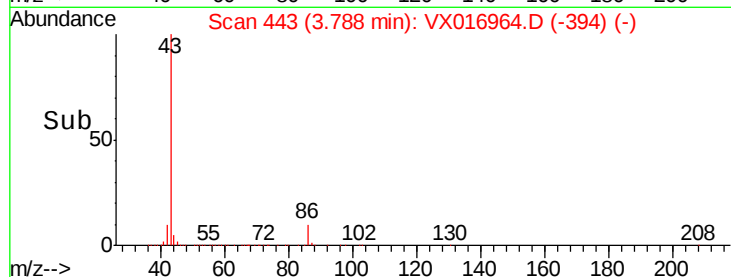
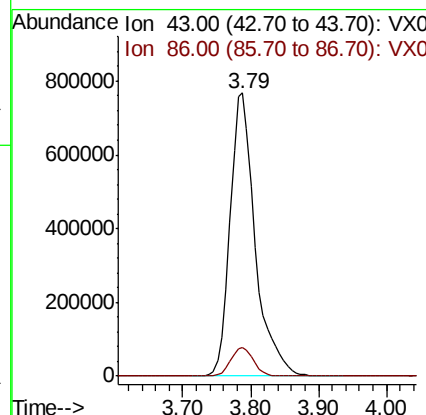
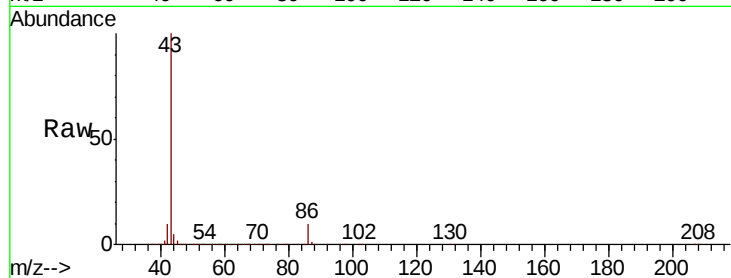




#23
 Vinyl Acetate
 Concen: 279.649 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

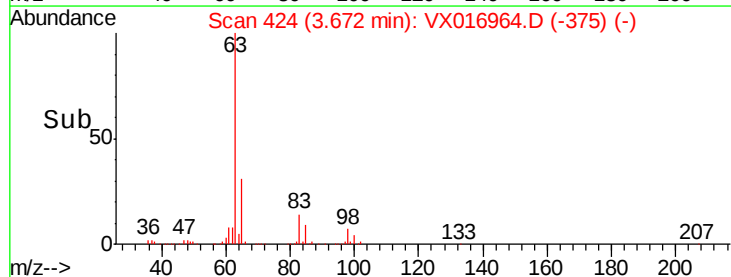
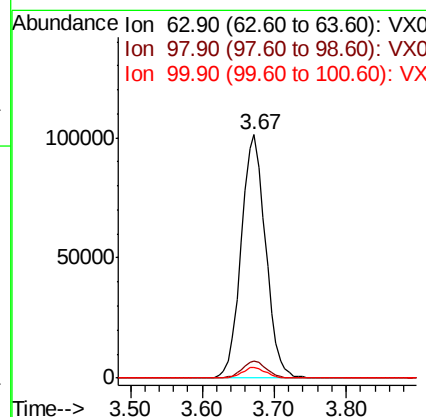
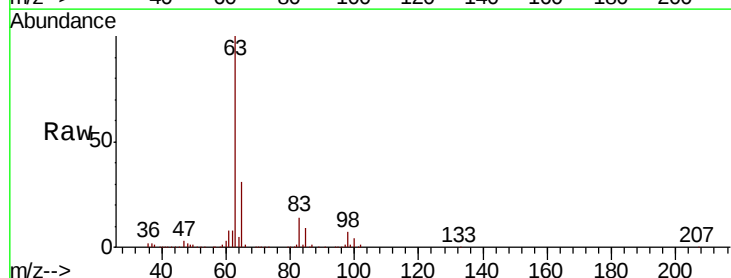
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

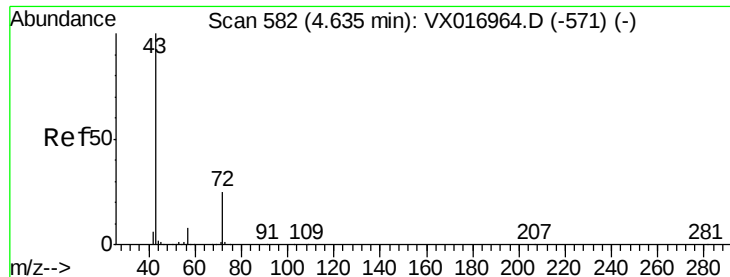
Tot Ion: 43 Resp: 1964349
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 49.461 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion: 63 Resp: 238414
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.2 2.1 6.3

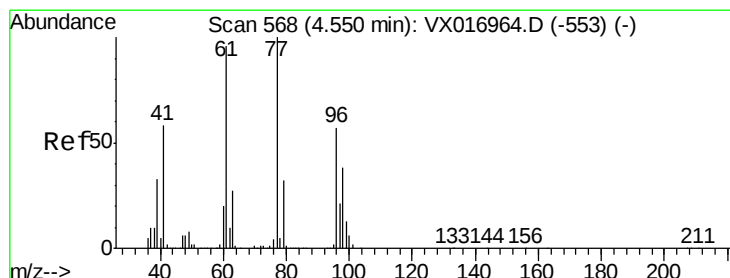
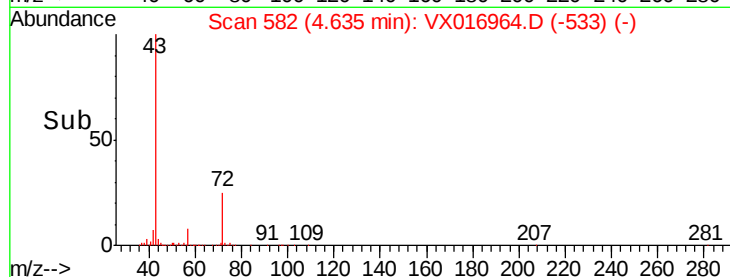
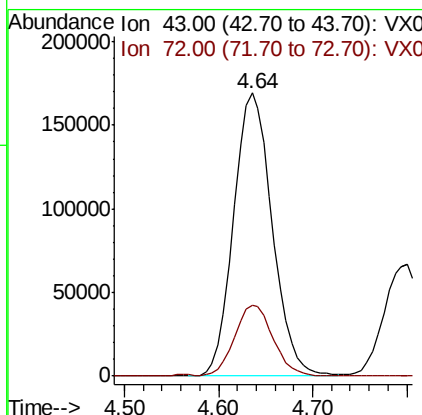
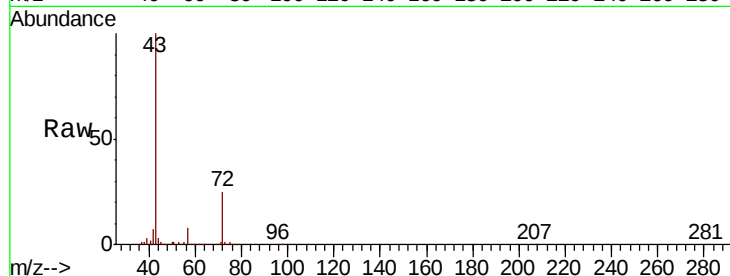




#25
2-Butanone
Concen: 260.387 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

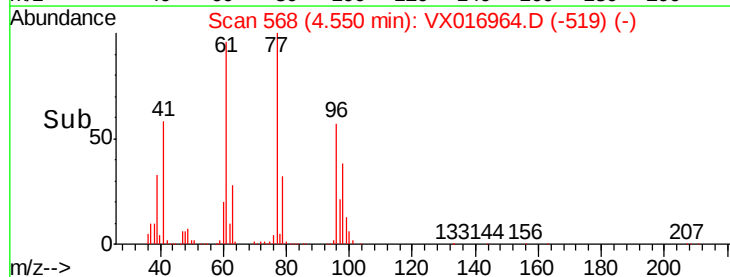
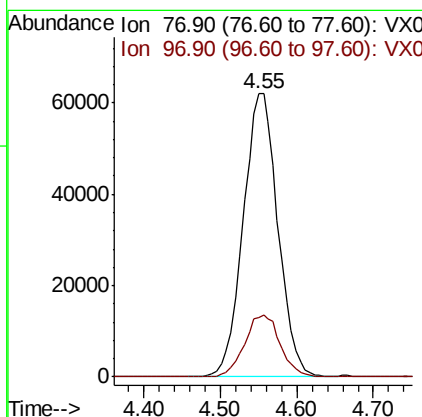
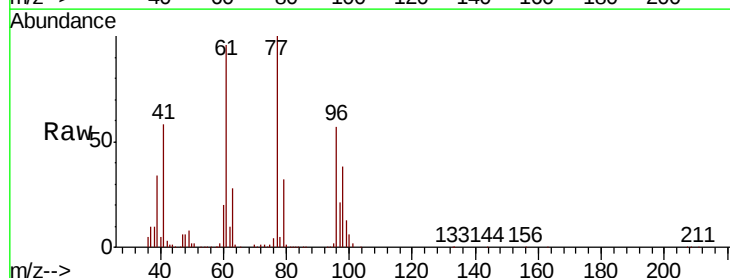
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

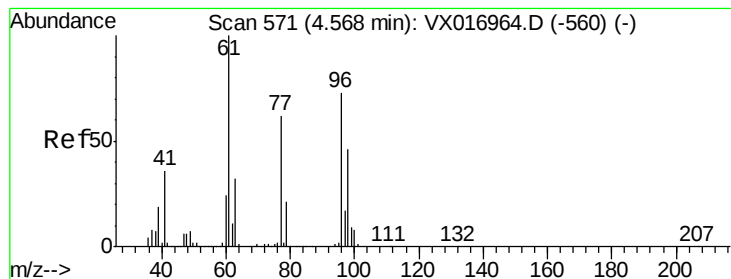
Tot Ion: 43 Resp: 482417
Ion Ratio Lower Upper
43 100
72 25.0 20.0 30.0



#26
2,2-Dichloropropane
Concen: 46.443 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion: 77 Resp: 195279
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 46.689 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

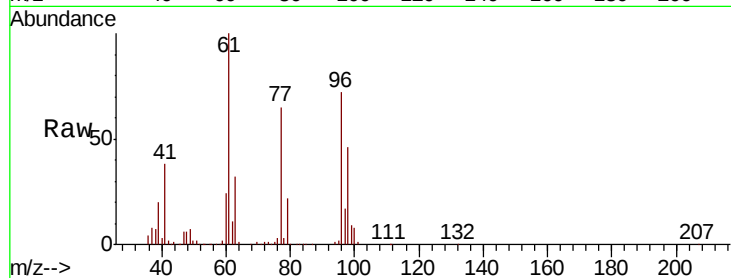
Tot Ion: 96 Resp: 141267

Ion Ratio Lower Upper

96 100

61 153.6 0.0 307.2

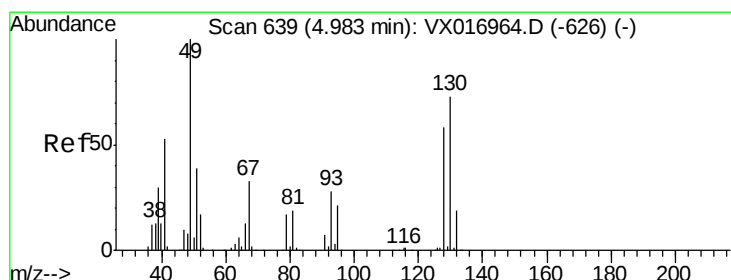
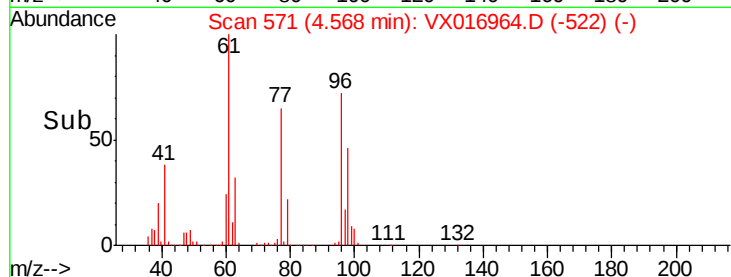
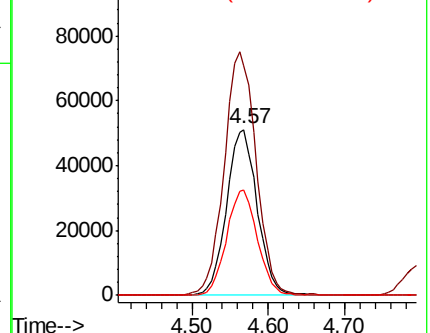
98 64.2 0.0 128.4



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: 48.544 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

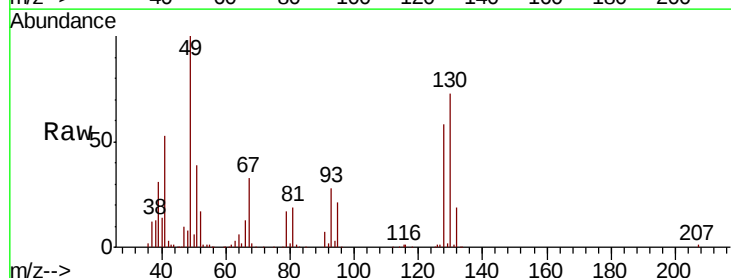
Tgt Ion: 49 Resp: 103559

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

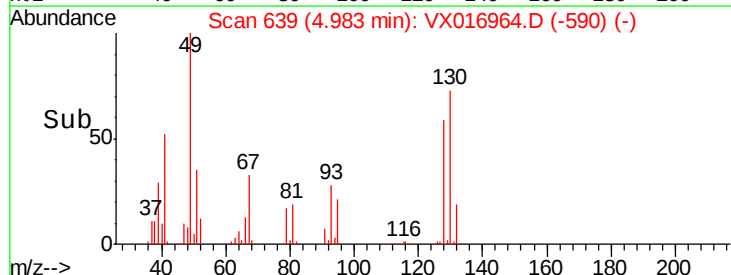
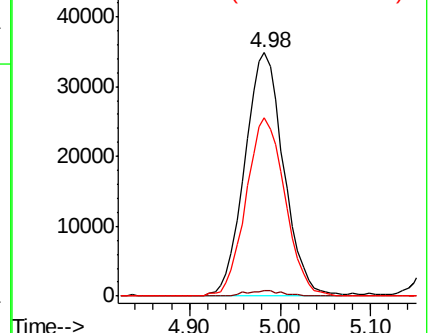
130 73.4 58.7 88.1

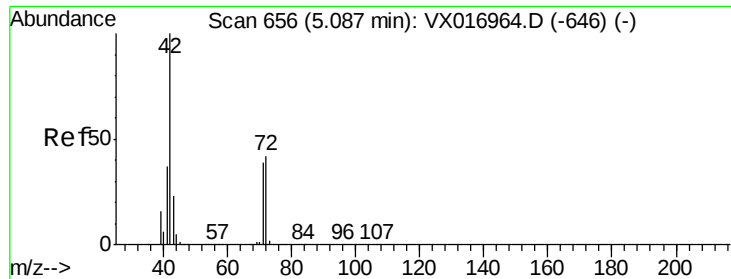


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

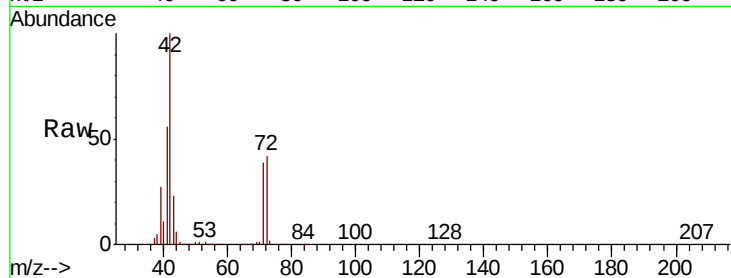




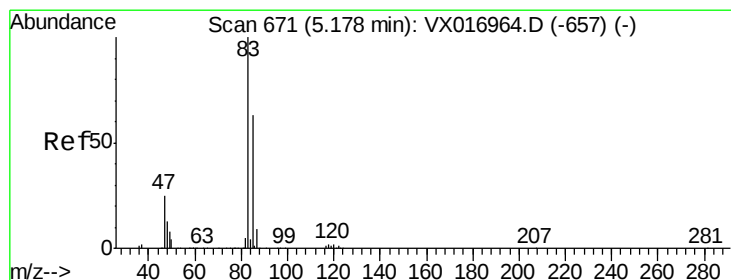
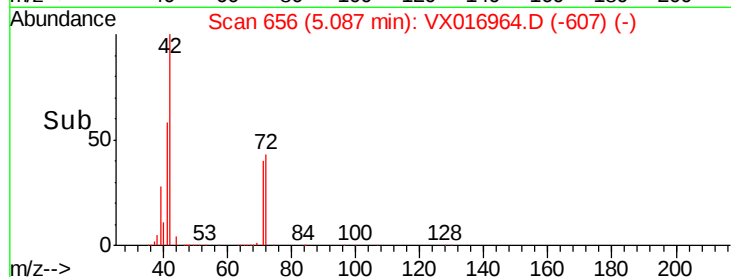
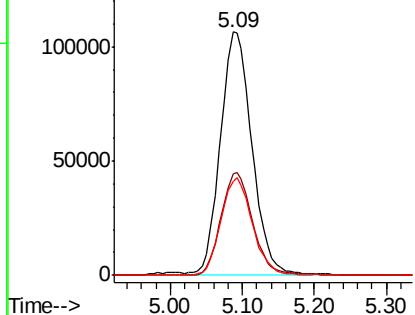
#29
Tetrahydrofuran
Concen: 263.867 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 42 Resp: 323562
Ion Ratio Lower Upper
42 100
72 42.6 34.1 51.1
71 40.1 32.1 48.1

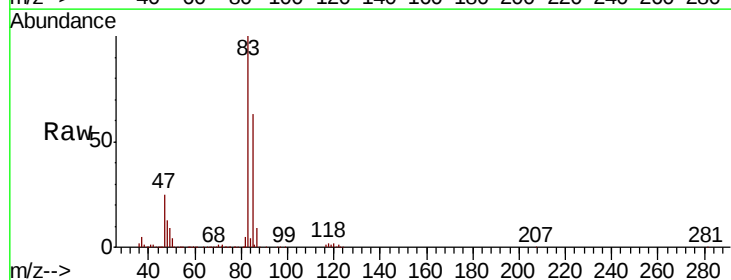


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

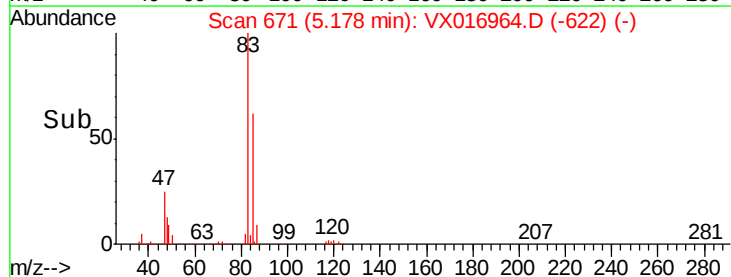
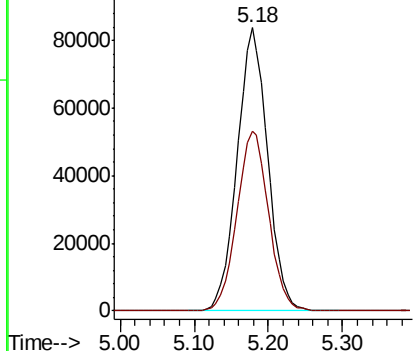


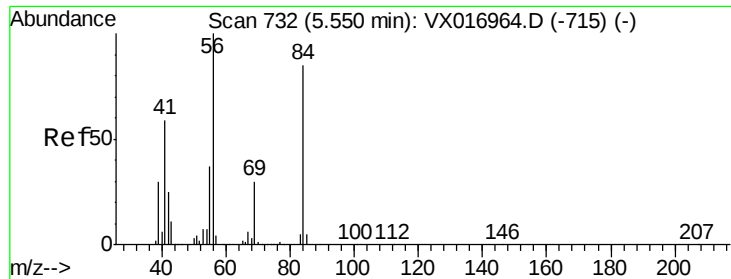
#30
Chloroform
Concen: 50.377 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion: 83 Resp: 240683
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

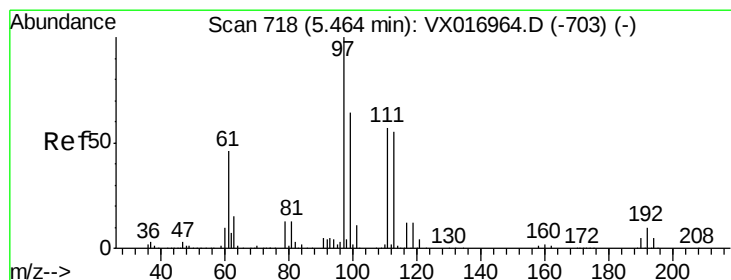
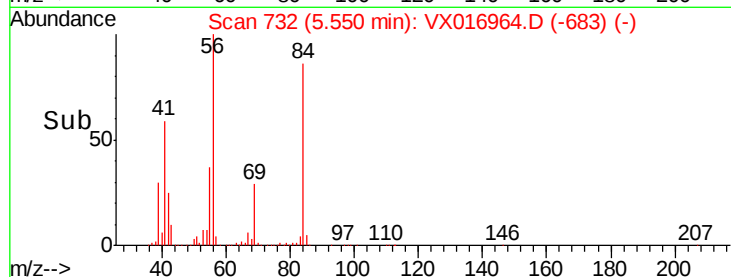
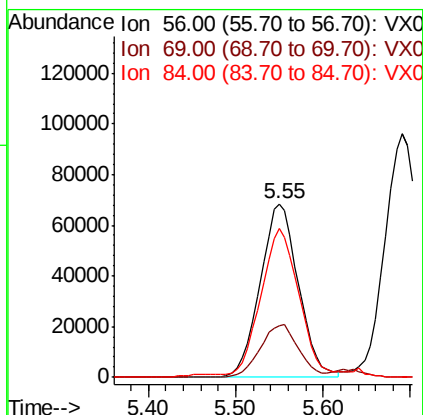
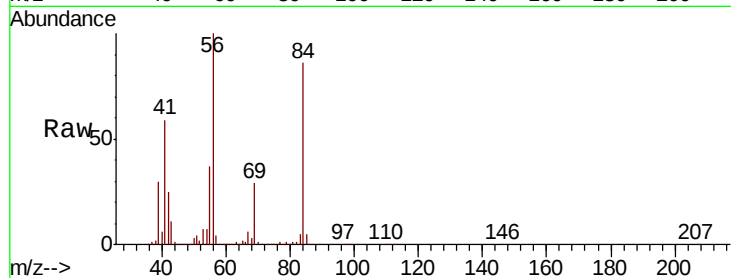




#31
Cyclohexane
Concen: 46.706 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

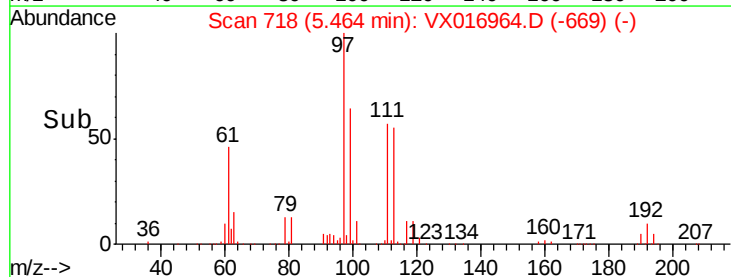
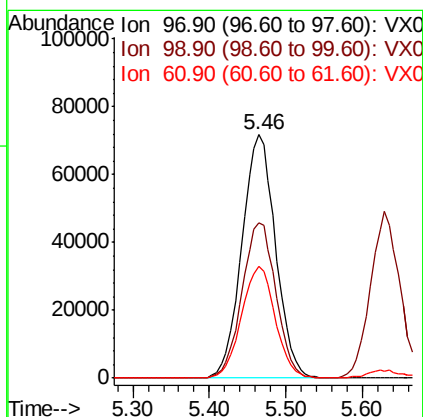
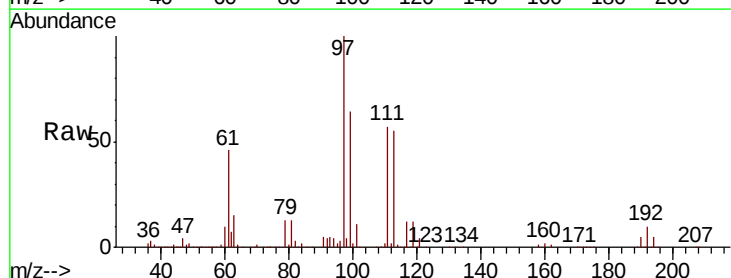
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

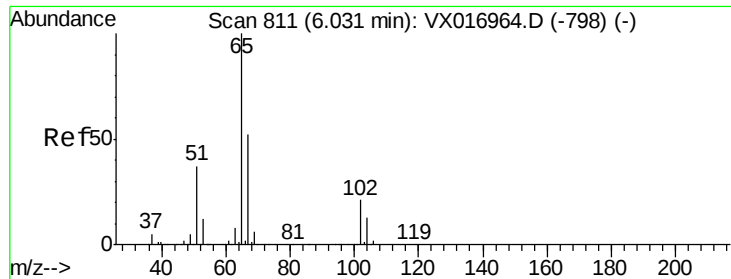
Tot Ion: 56 Resp: 208503
Ion Ratio Lower Upper
56 100
69 29.5 23.6 35.4
84 84.8 67.8 101.8



#32
1,1,1-Trichloroethane
Concen: 50.961 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion: 97 Resp: 219884
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 46.2 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 49.499 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

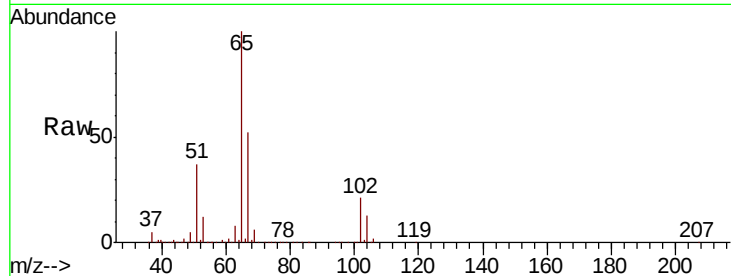
VSTDICCC050

Tot Ion: 65 Resp: 151460

Ion Ratio Lower Upper

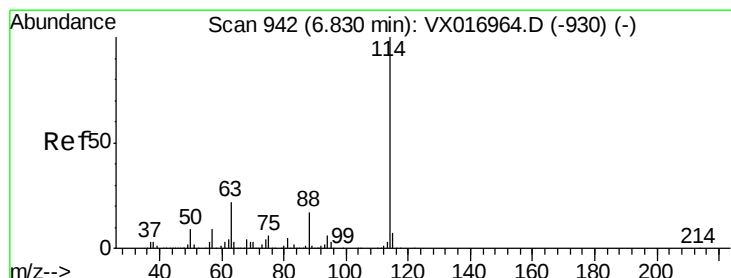
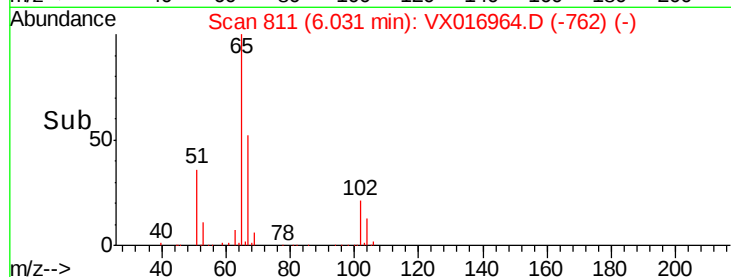
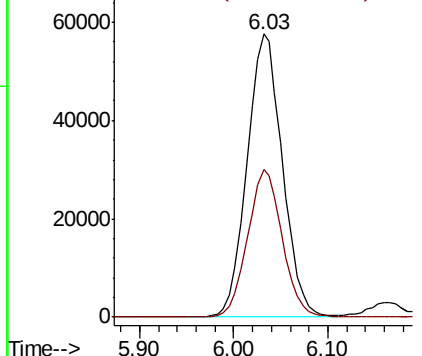
65 100

67 51.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

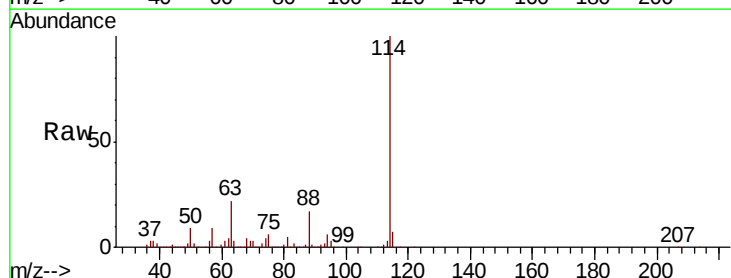
Tgt Ion: 114 Resp: 360947

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.4

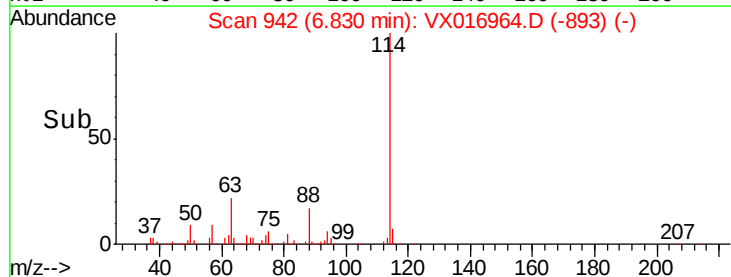
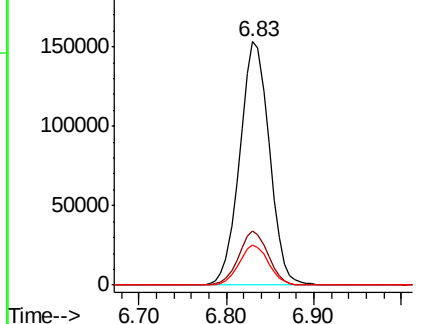
88 16.6 0.0 33.2

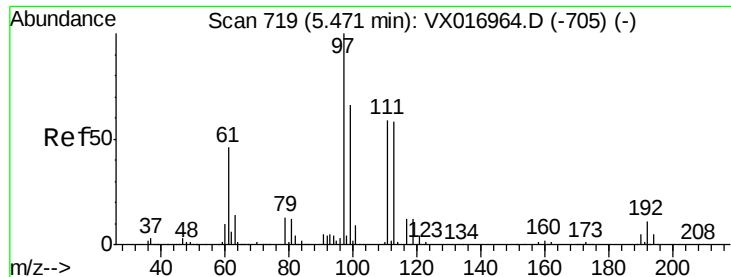


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

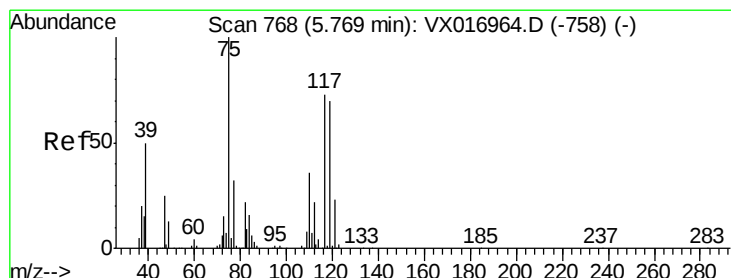
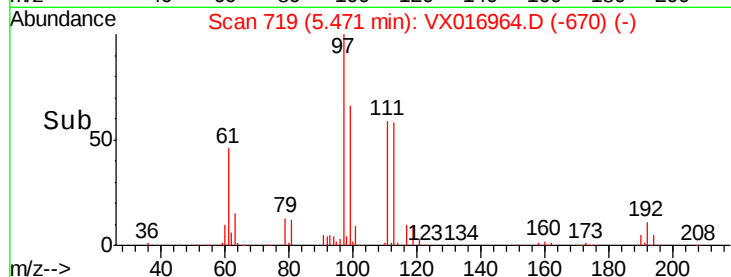
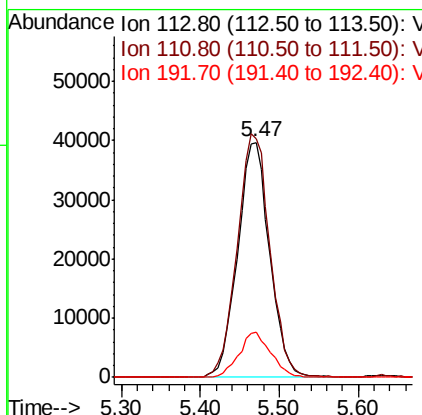
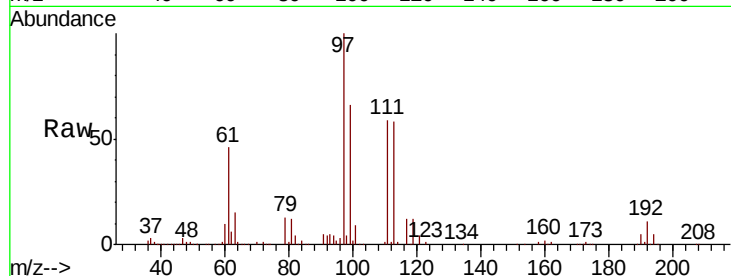




#35
 Dibromofluoromethane
 Concen: 55.354 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

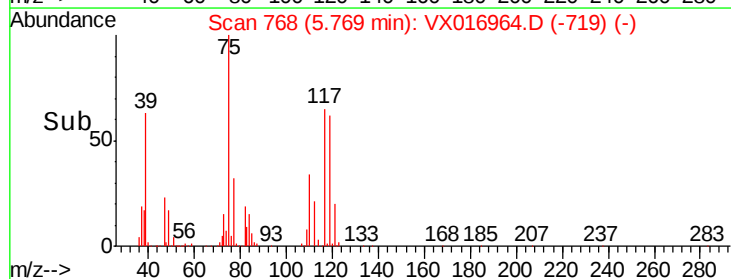
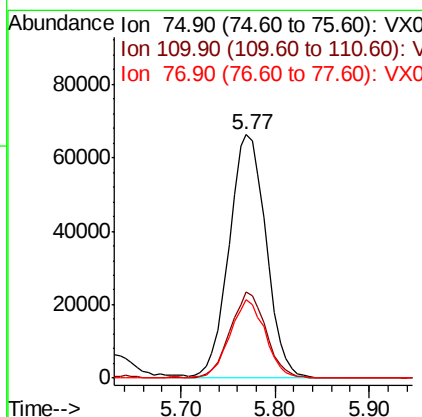
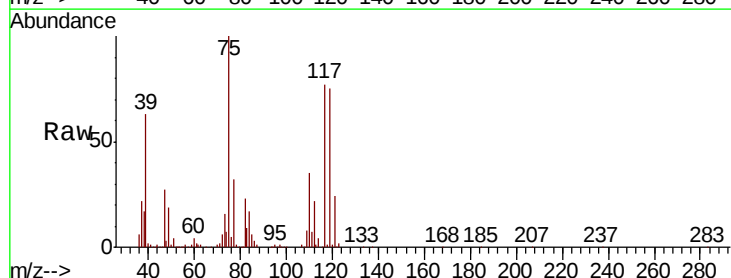
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

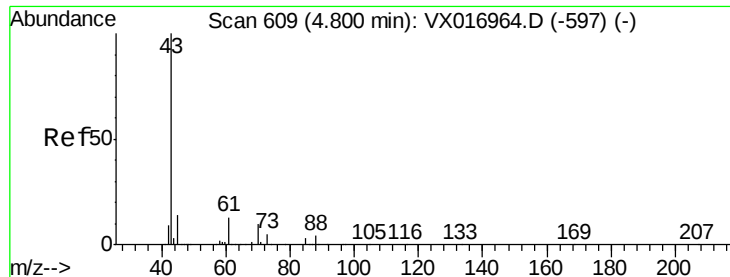
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.4	84.3	126.5
192	19.0	15.2	22.8



#36
 1,1-Dichloropropene
 Concen: 52.123 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.2	51.6
77	30.9	24.7	37.1

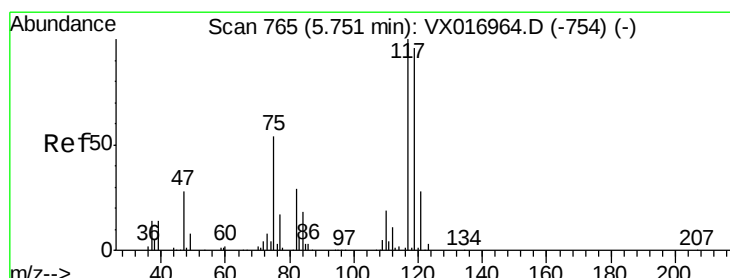
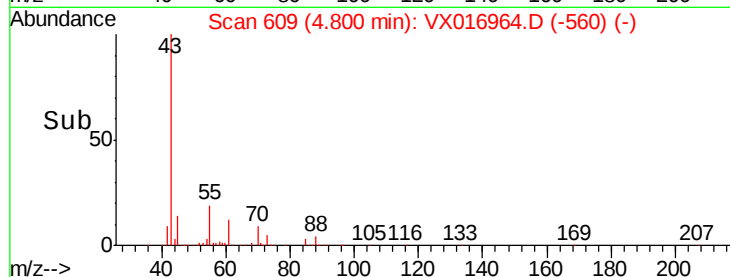
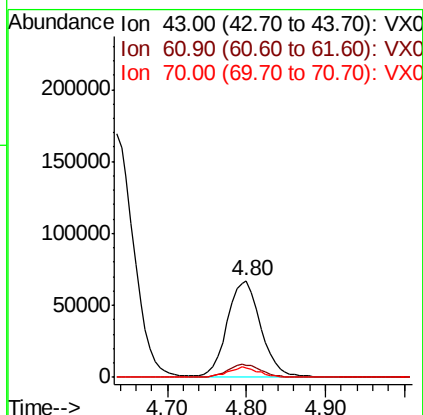
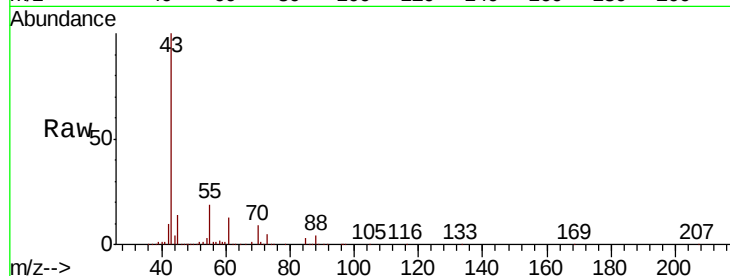




#37
Ethyl Acetate
Concen: 55.795 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

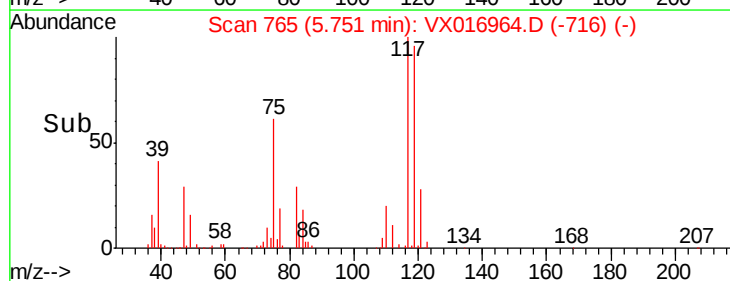
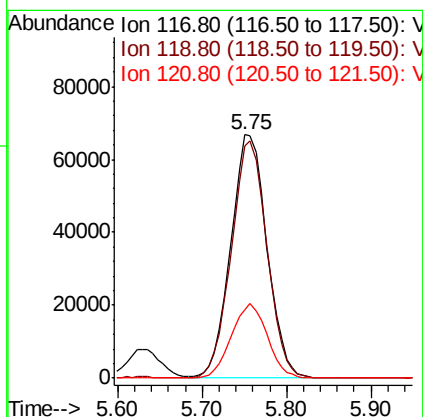
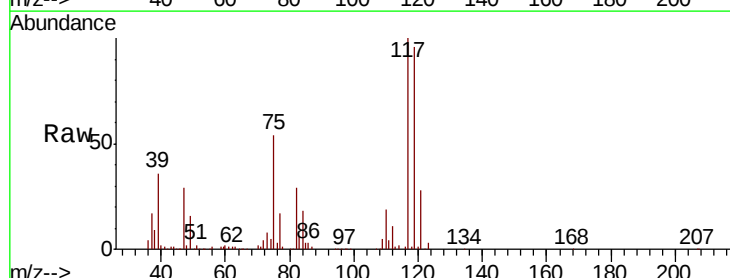
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

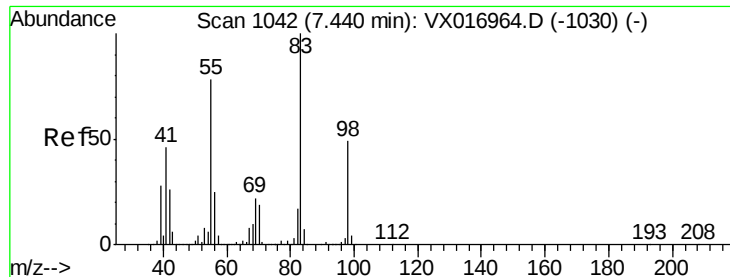
Tot Ion: 43 Resp: 197069
Ion Ratio Lower Upper
43 100
61 13.5 10.8 16.2
70 10.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 59.629 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion: 117 Resp: 194372
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
121 28.1 22.5 33.7

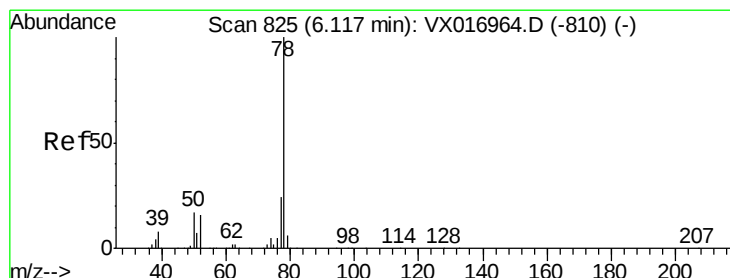
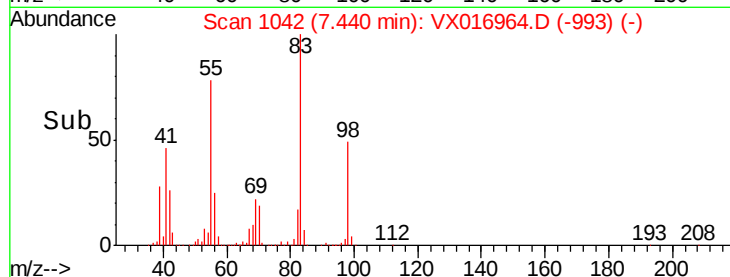
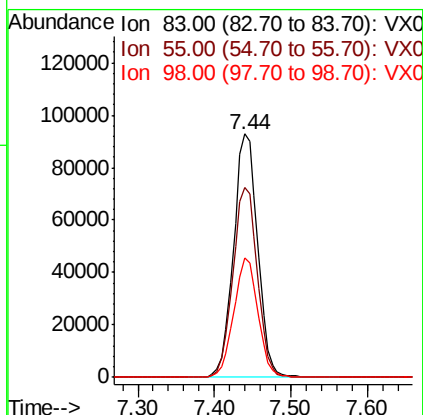
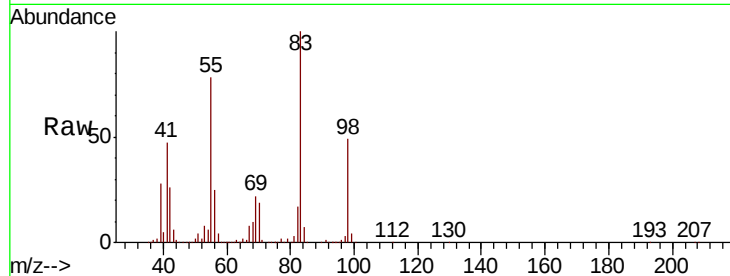




#39
Methvlcvclohexane
Concen: 48.905 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

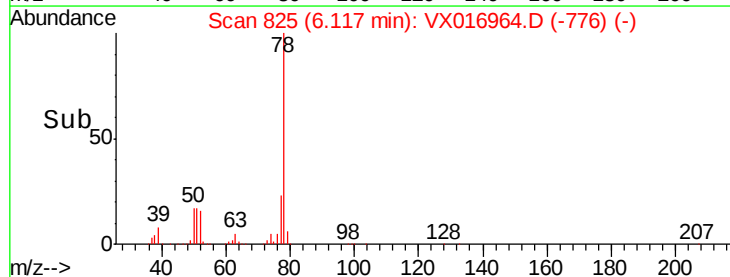
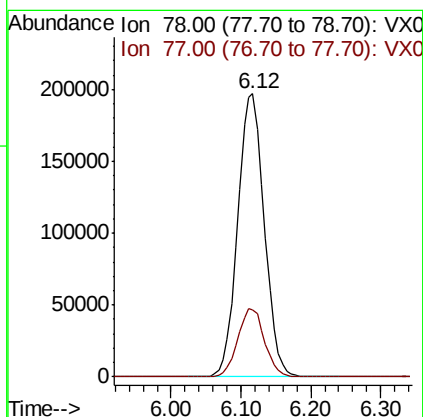
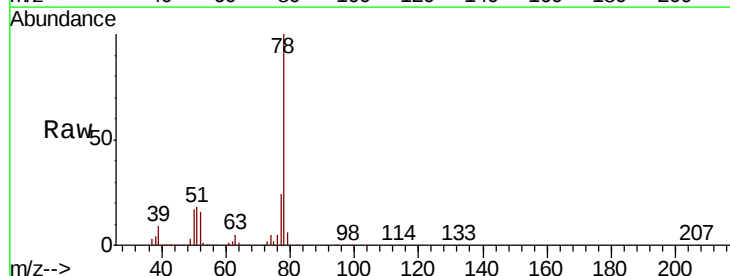
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

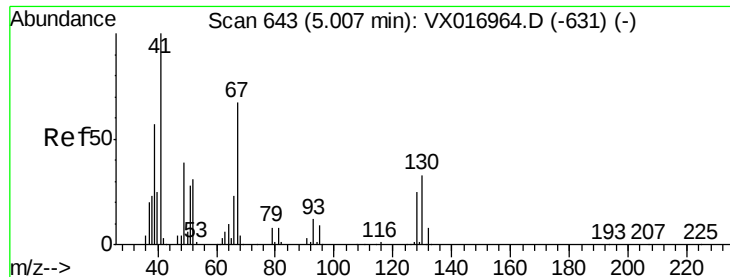
Tot Ion	83.00	Resp	202857
Ion	Ratio	Lower	Upper
83	100		
55	78.0	62.4	93.6
98	49.2	39.4	59.0



#40
Benzene
Concen: 51.390 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	78	Resp	518492
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3

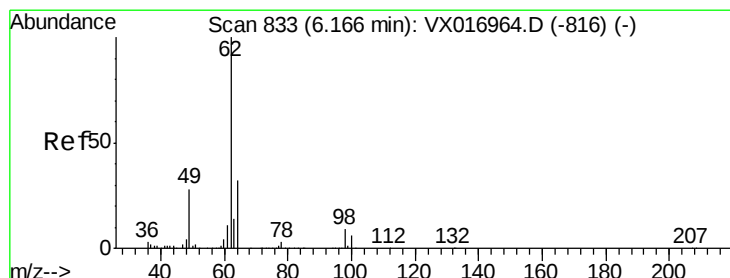
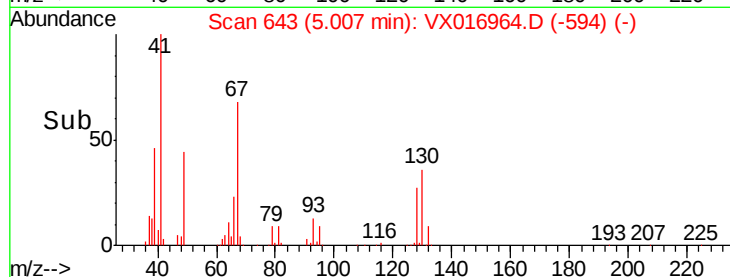
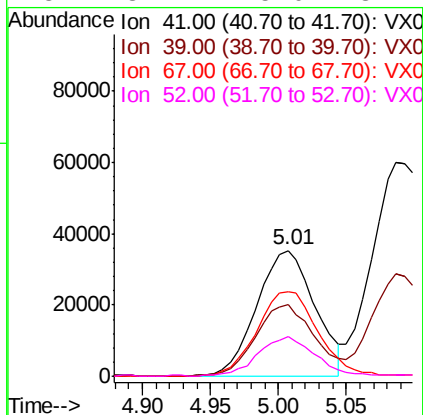
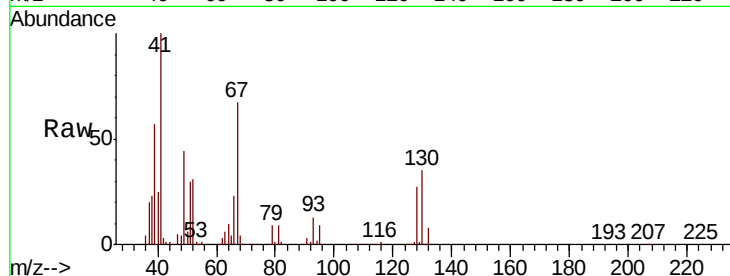




#41
Methacrylonitrile
Concen: 52.807 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

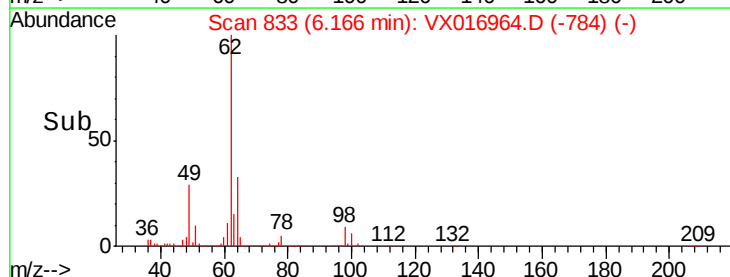
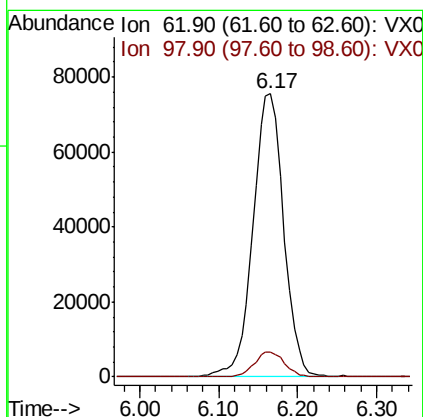
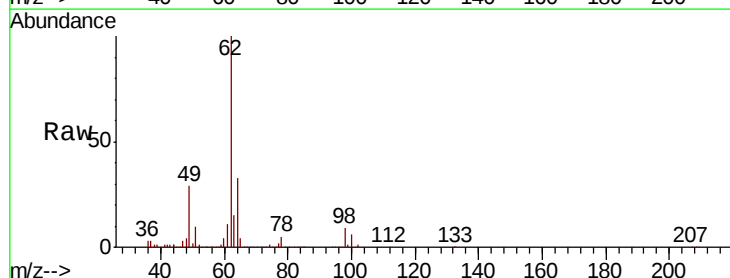
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

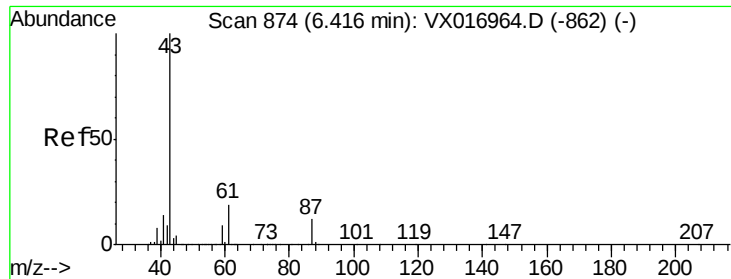
Tot Ion:	41	Resp:	105028
Ion	Ratio	Lower	Upper
41	100		
39	58.3	46.6	70.0
67	71.3	57.0	85.6
52	31.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 56.614 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion:	62	Resp:	204480
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2

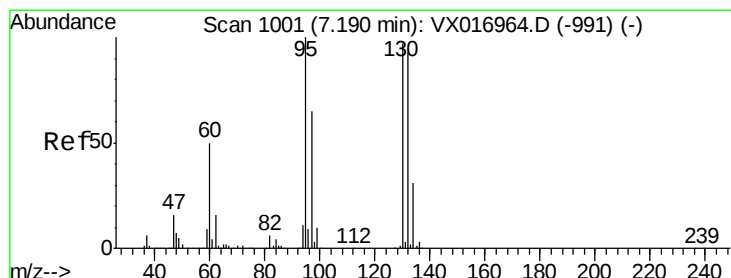
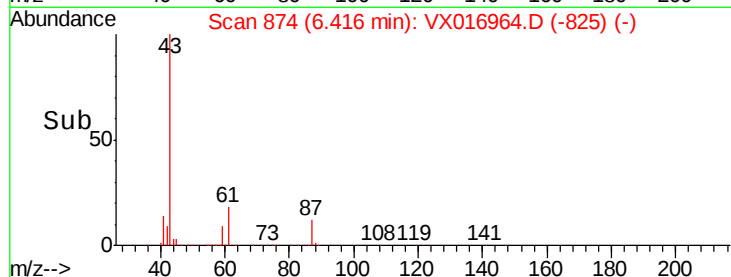
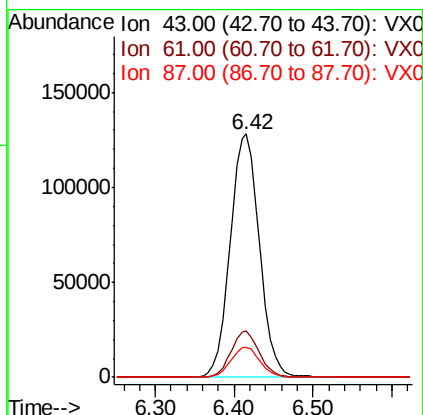
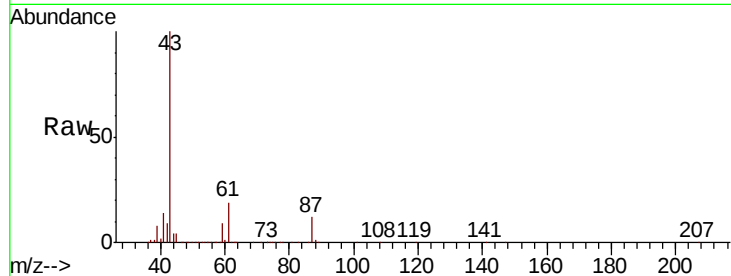




#43
Isopropyl Acetate
Concen: 56.472 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

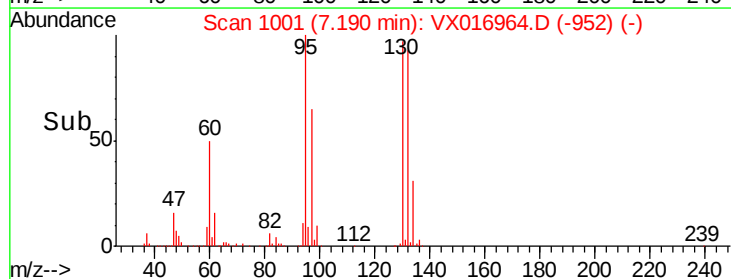
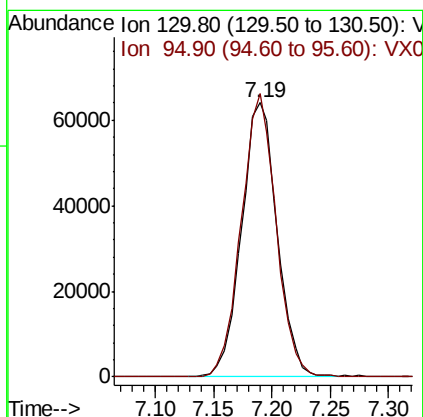
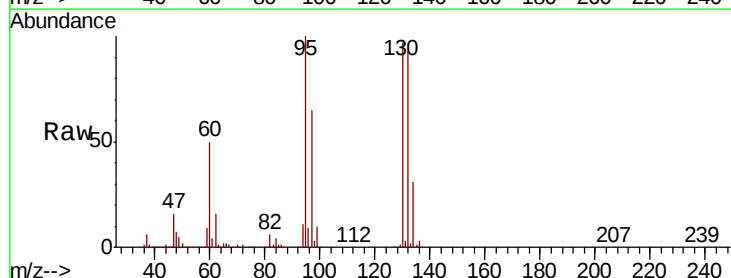
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

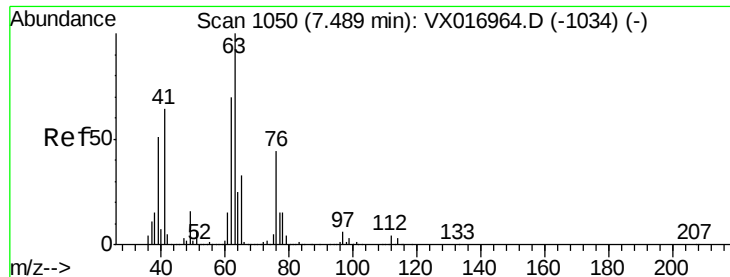
Tot Ion: 43 Resp: 327341
Ion Ratio Lower Upper
43 100
61 18.8 15.0 22.6
87 12.5 10.0 15.0



#44
Trichloroethene
Concen: 44.844 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion:130 Resp: 136283
Ion Ratio Lower Upper
130 100
95 103.3 0.0 206.6

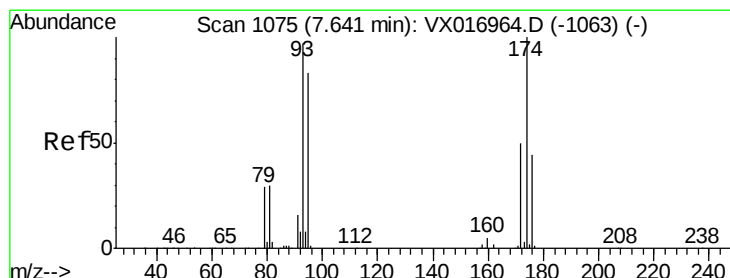
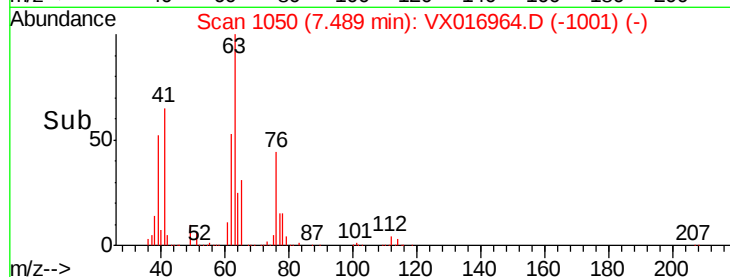
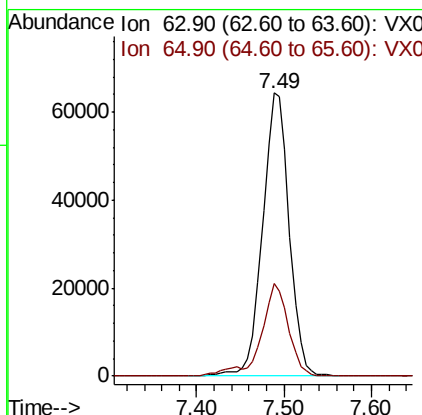
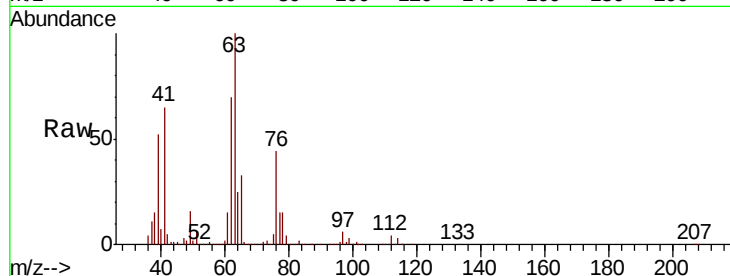




#45
 1,2-Dichloropropane
 Concen: 52.414 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

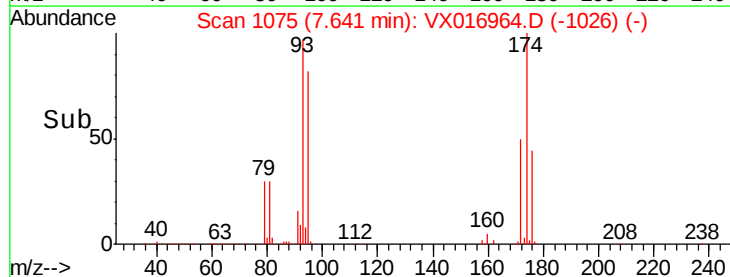
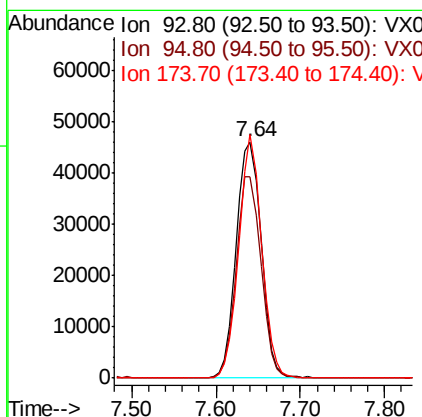
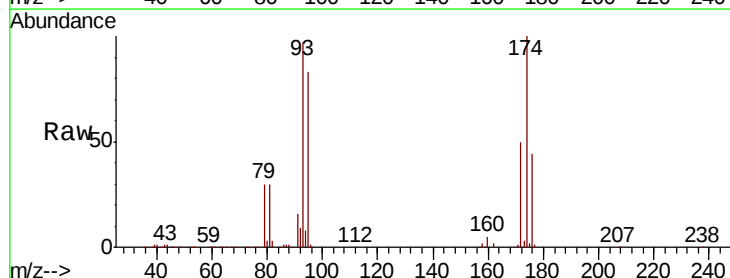
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

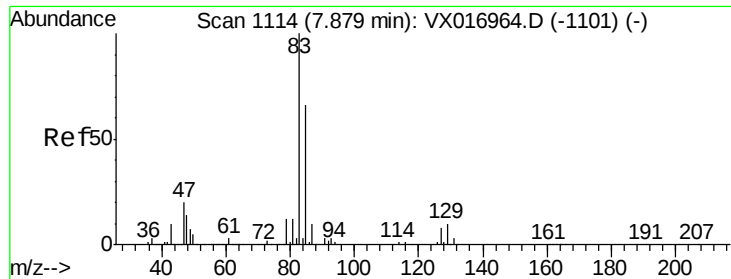
Tot Ion: 63 Resp: 135836
 Ion Ratio Lower Upper
 63 100
 65 32.6 26.1 39.1



#46
 Dibromomethane
 Concen: 53.122 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion: 93 Resp: 92273
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.5 101.3
 174 93.7 75.0 112.4





#47

Bromodichloromethane

Concen: 54.906 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

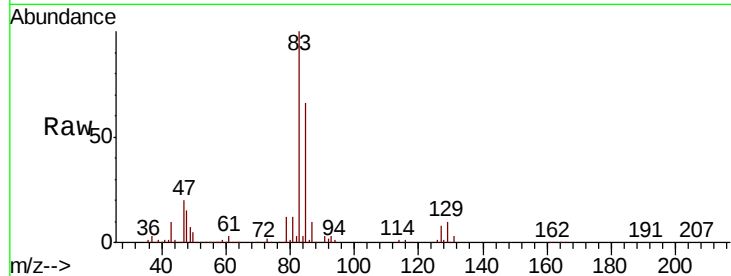
Tot Ion: 83 Resp: 195370

Ion Ratio Lower Upper

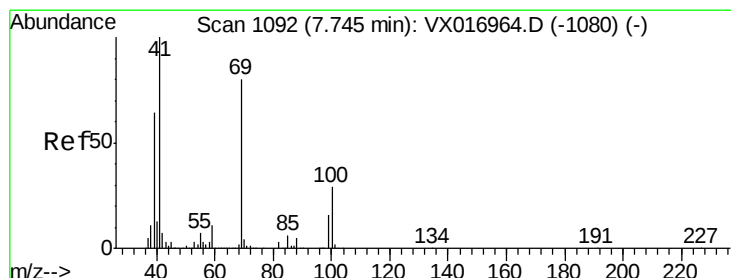
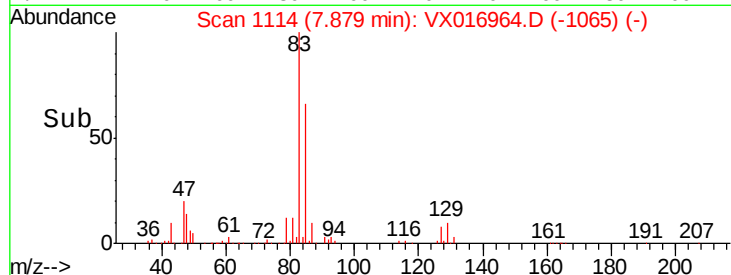
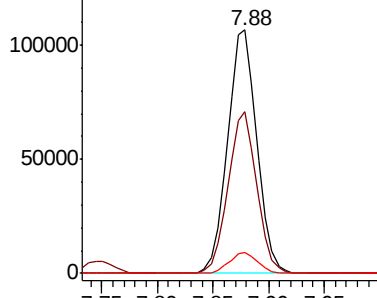
83 100

85 66.4 53.1 79.7

127 8.5 6.8 10.2



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: 55.160 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

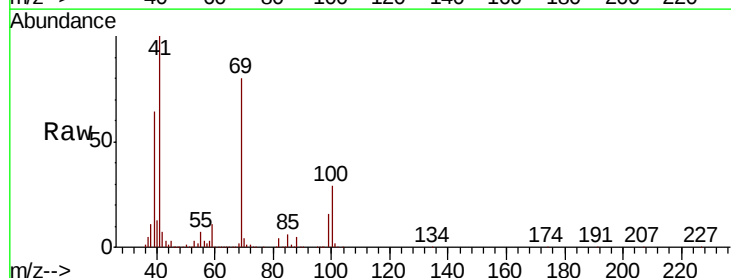
Tgt Ion: 41 Resp: 157049

Ion Ratio Lower Upper

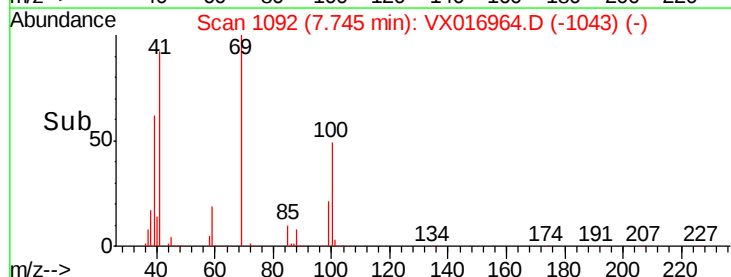
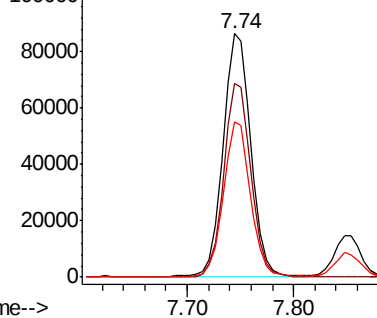
41 100

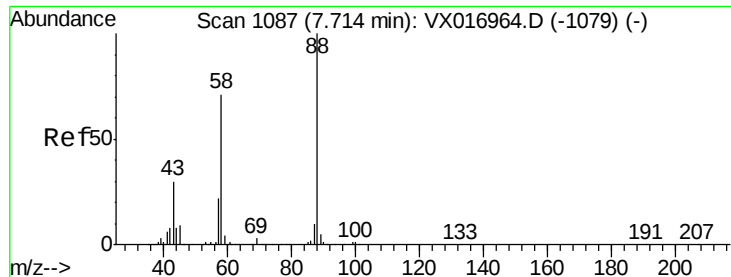
69 78.4 62.7 94.1

39 62.0 49.6 74.4



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: 998.552 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

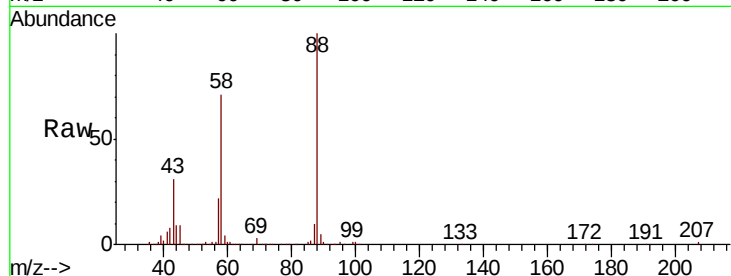
Tot Ion: 88 Resp: 62113

Ion Ratio Lower Upper

88 100

43 35.1 28.1 42.1

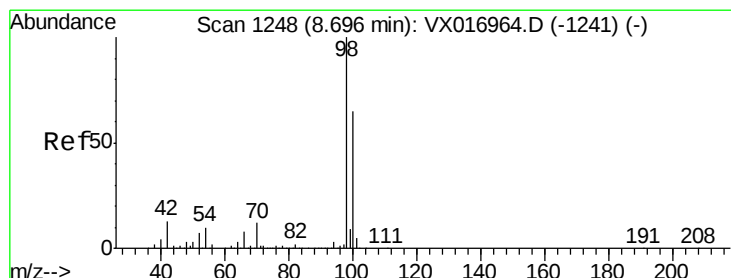
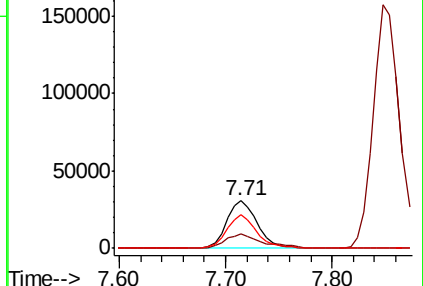
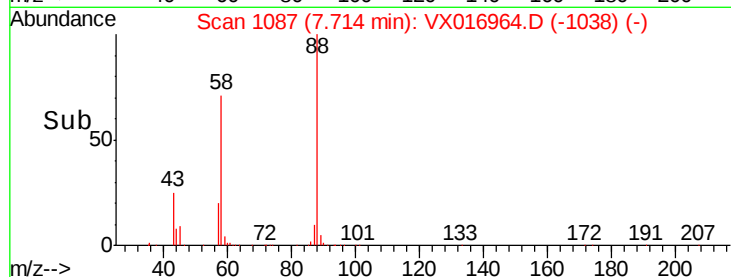
58 70.1 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.313 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016964.D

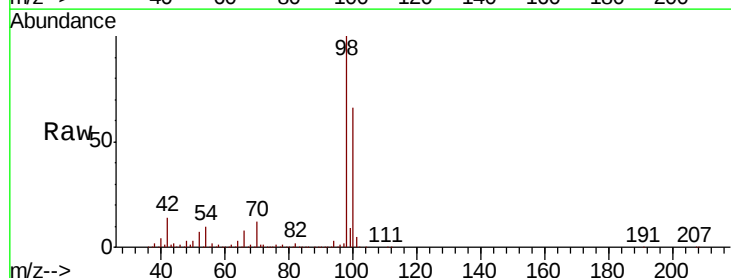
Acq: 25 Jun 2020 20:00

Tgt Ion: 98 Resp: 423612

Ion Ratio Lower Upper

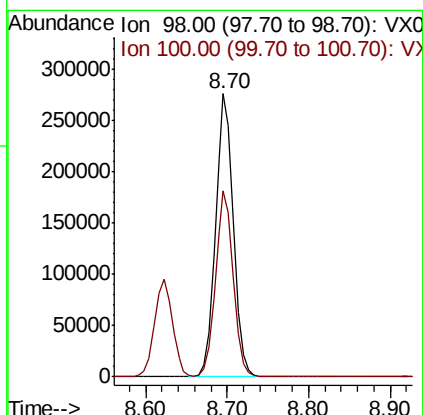
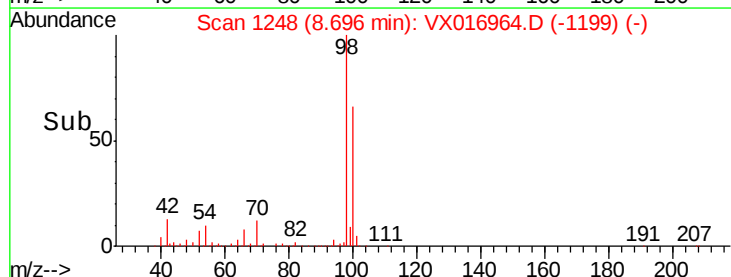
98 100

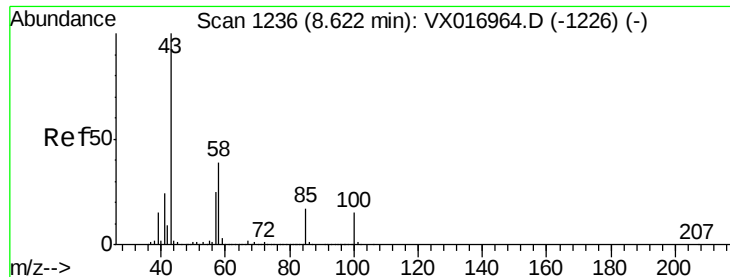
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 283.974 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

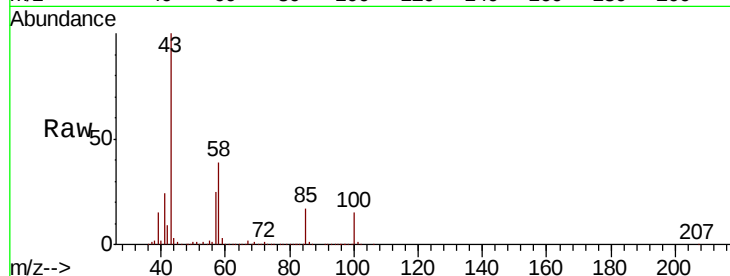
VSTDICCC050

Tot Ion: 43 Resp: 964269

Ion Ratio Lower Upper

43 100

58 38.0 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

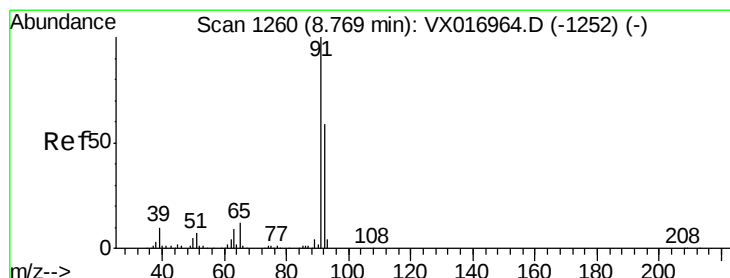
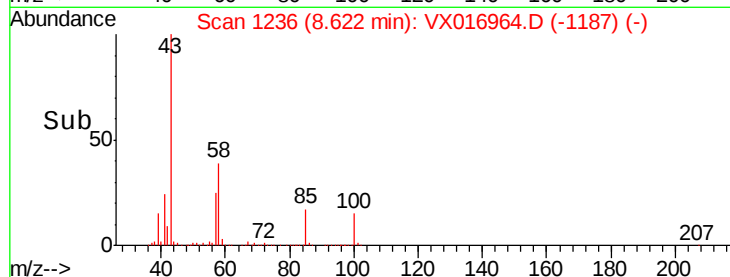
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.198 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016964.D

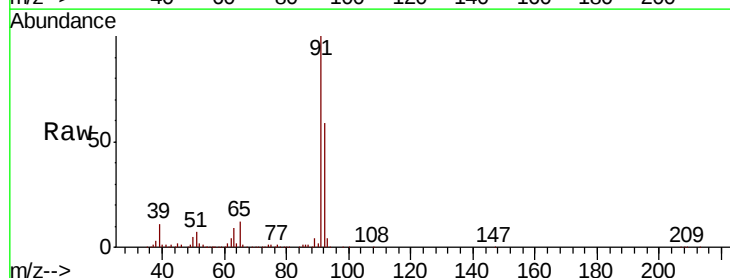
Acq: 25 Jun 2020 20:00

Tgt Ion: 92 Resp: 326900

Ion Ratio Lower Upper

92 100

91 170.9 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

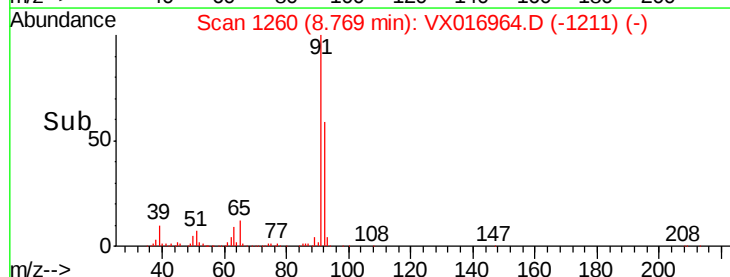
300000

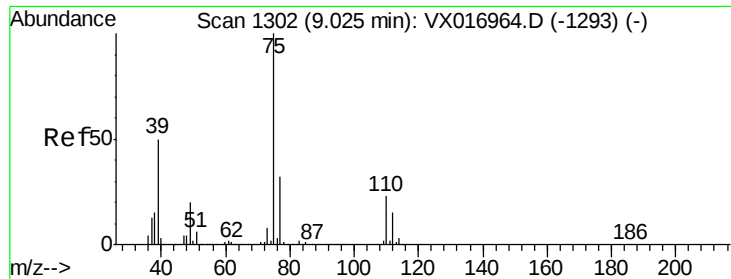
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.845 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

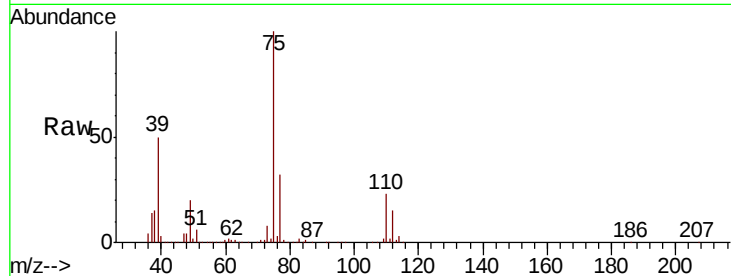
VSTDICCC050

Tot Ion: 75 Resp: 214354

Ion Ratio Lower Upper

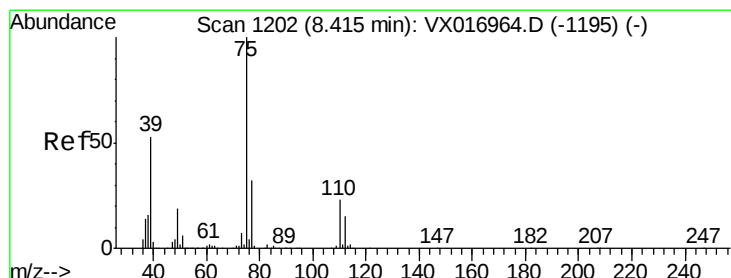
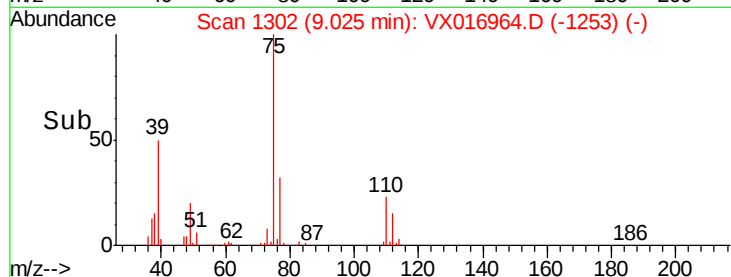
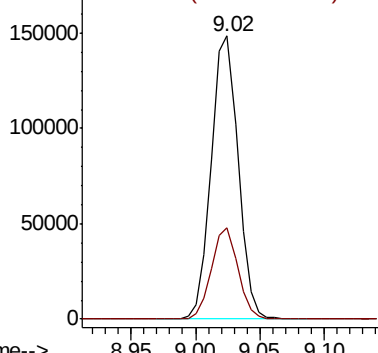
75 100

77 32.2 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.060 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

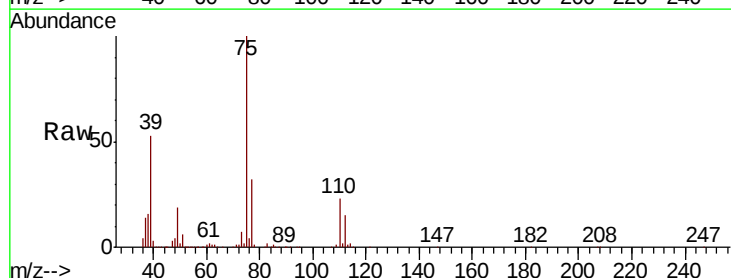
Tgt Ion: 75 Resp: 225060

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

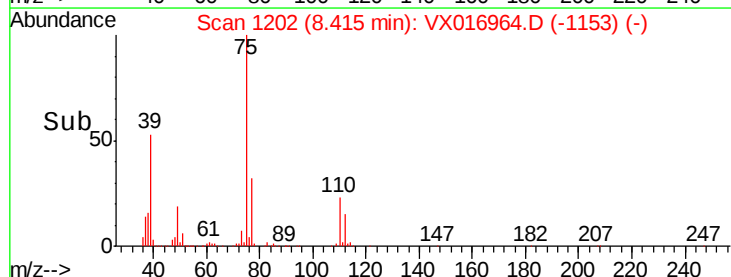
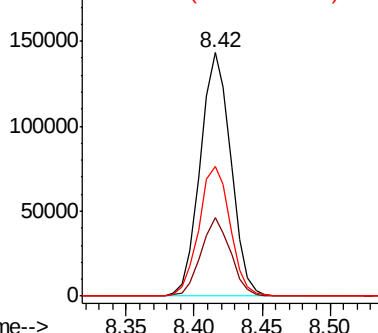
39 53.4 42.7 64.1

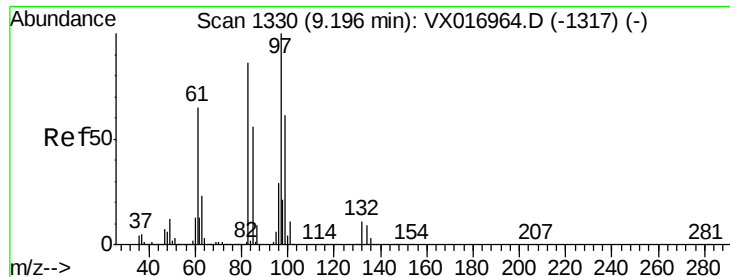


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

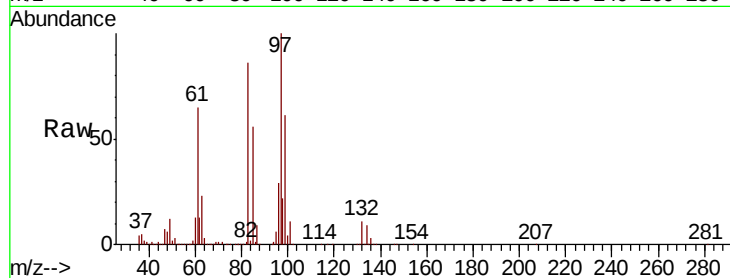




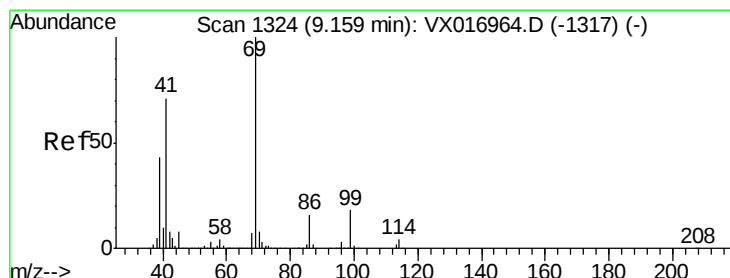
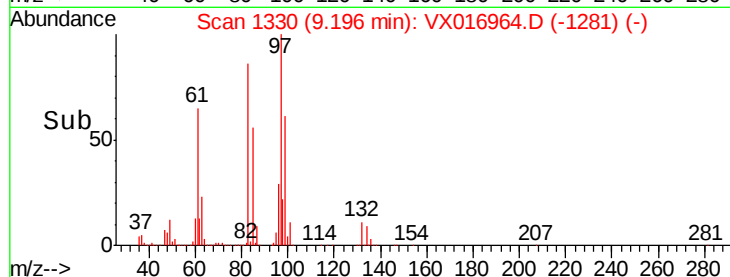
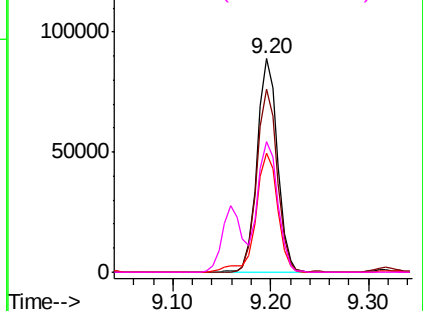
#55
 1,1,2-Trichloroethane
 Concen: 50.469 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	128797
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.6	103.0
85	55.6	44.5	66.7
99	61.2	49.0	73.4

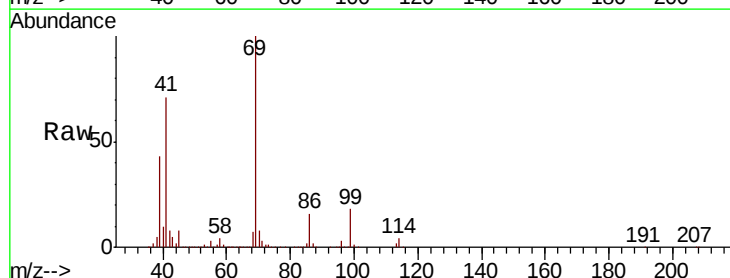


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

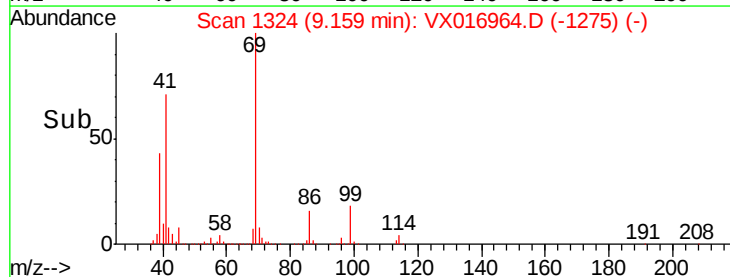
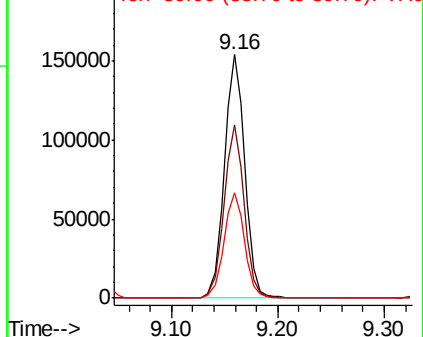


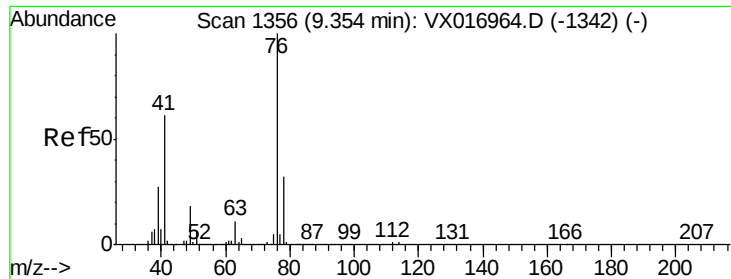
#56
 Ethyl methacrylate
 Concen: 50.415 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion:	69	Resp:	206051
Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.9	83.9
39	43.2	34.6	51.8



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





#57

1,3-Dichloropropane

Concen: 51.377 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

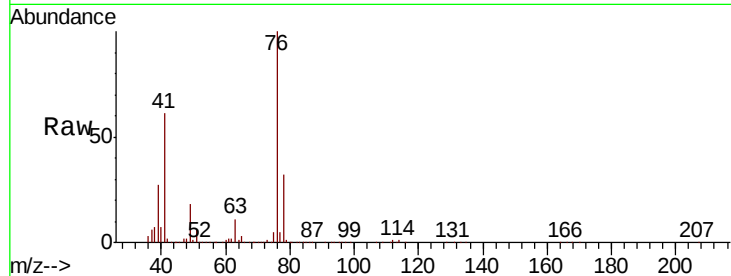
VSTDICCC050

Tot Ion: 76 Resp: 224281

Ion Ratio Lower Upper

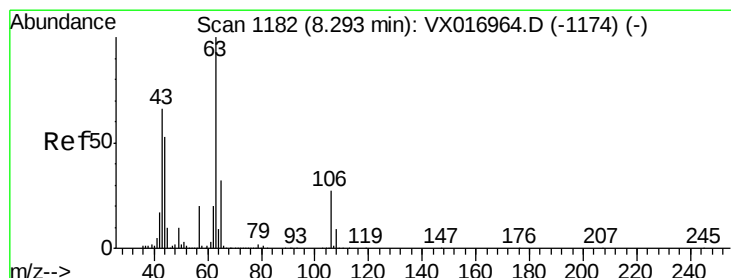
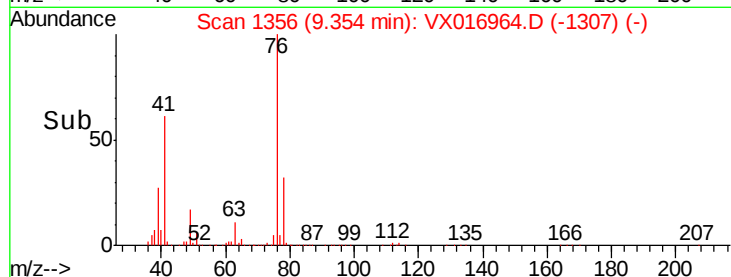
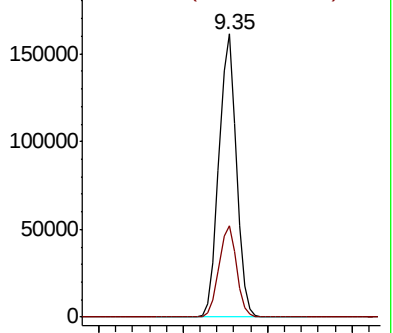
76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 259.178 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016964.D

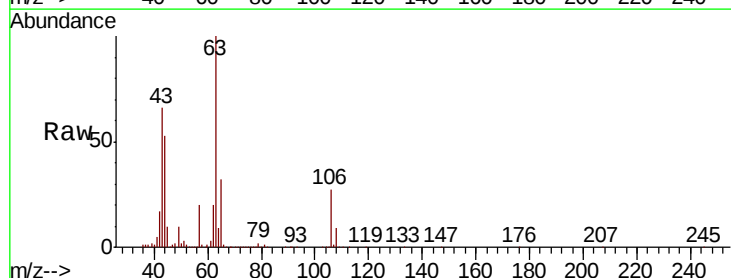
Acq: 25 Jun 2020 20:00

Tgt Ion: 63 Resp: 526835

Ion Ratio Lower Upper

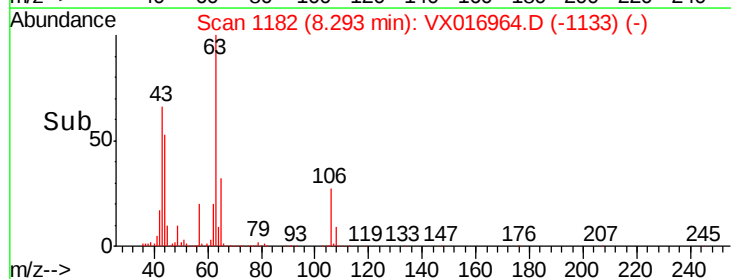
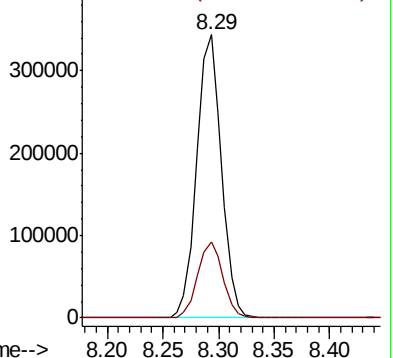
63 100

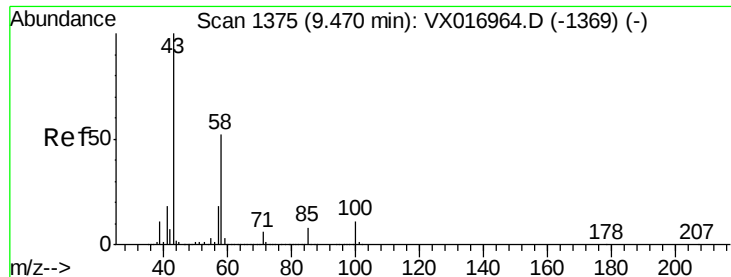
106 27.6 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

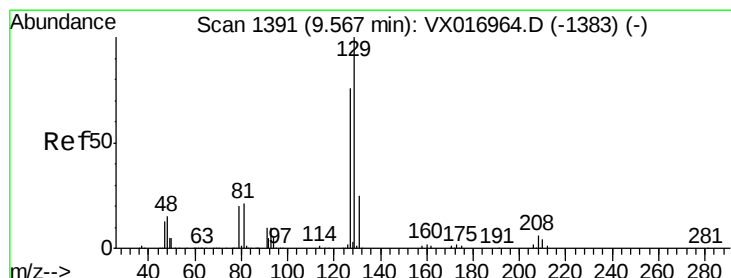
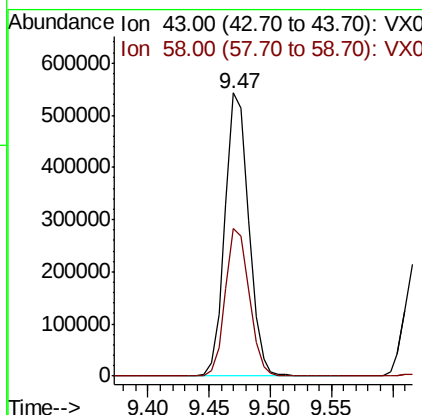
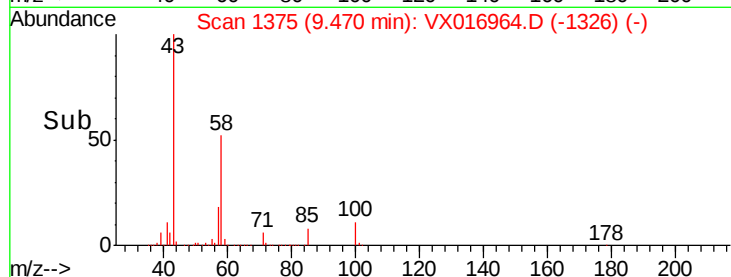
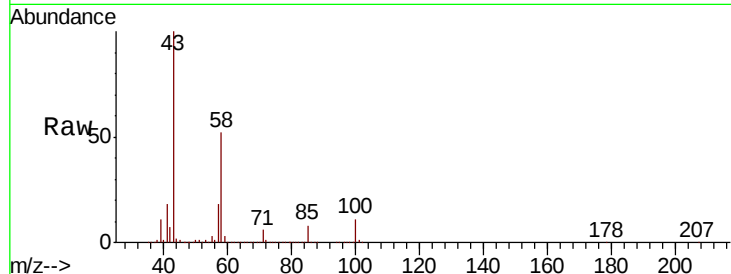




#59
2-Hexanone
Concen: 283.324 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

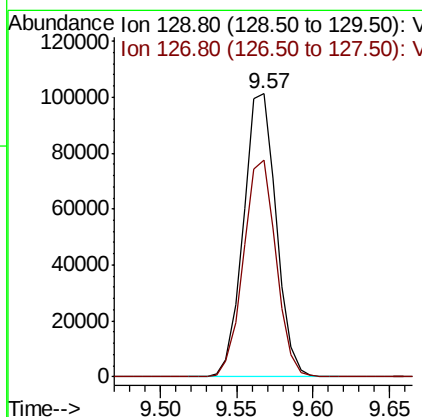
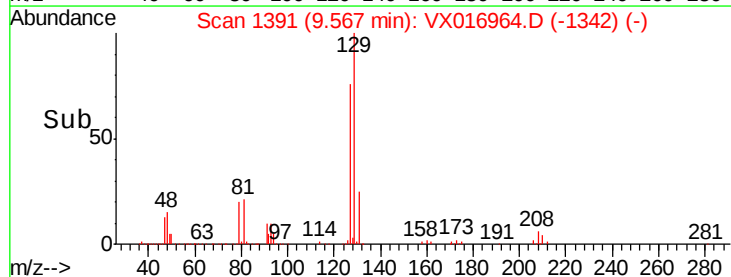
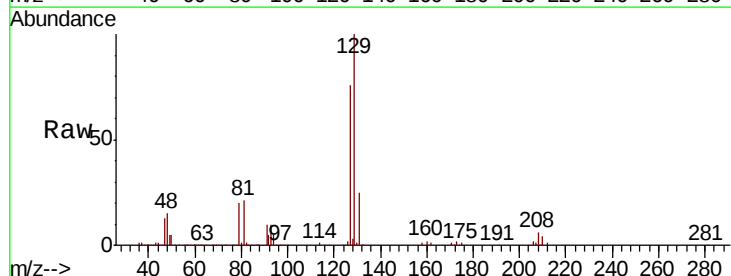
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

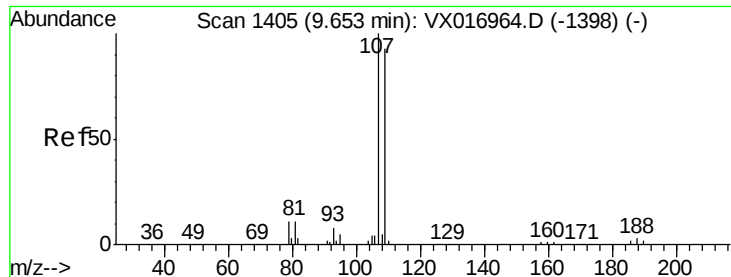
Tot Ion: 43 Resp: 729512
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9



#60
Dibromochloromethane
Concen: 58.049 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion: 129 Resp: 150480
Ion Ratio Lower Upper
129 100
127 76.0 38.0 114.0

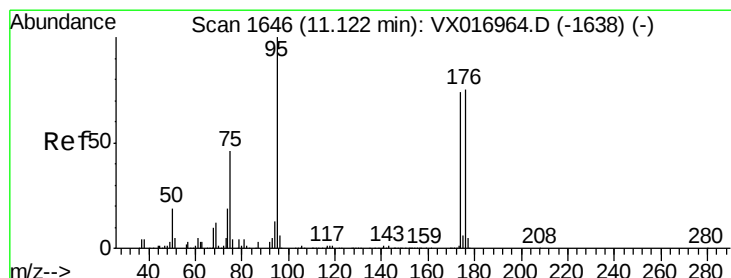
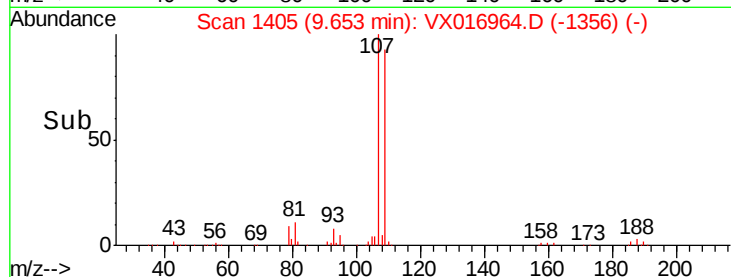
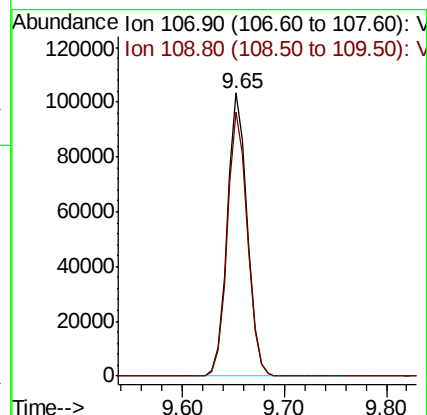
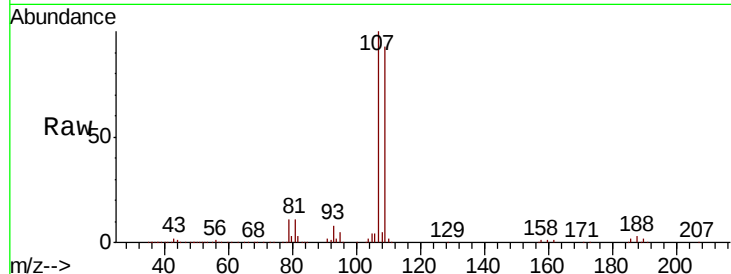




#61
 1,2-Dibromoethane
 Concen: 53.017 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

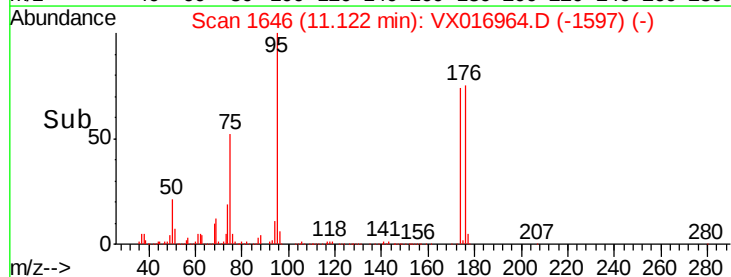
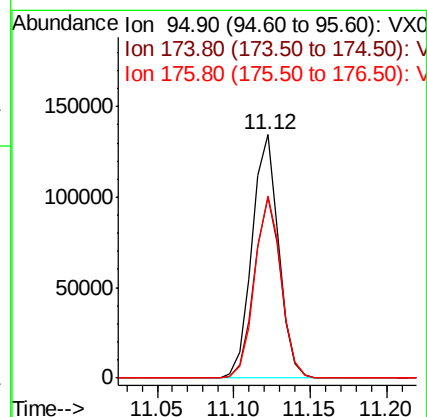
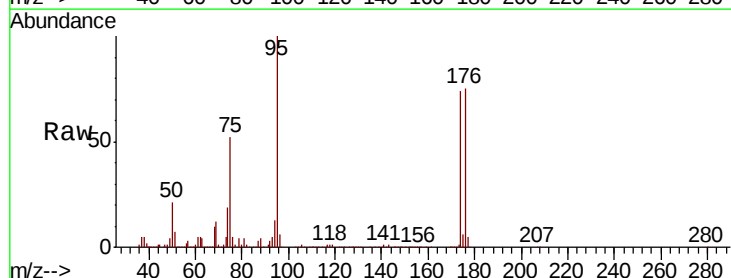
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

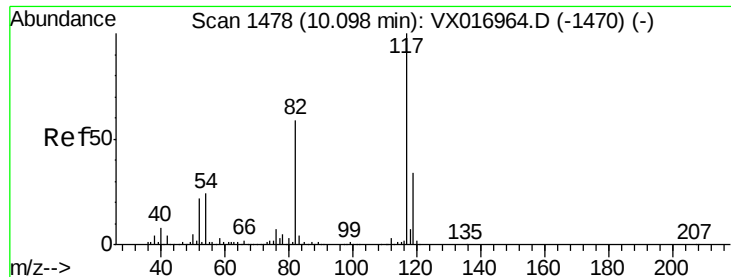
Tot Ion: 107 Resp: 140659
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.782 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion: 95 Resp: 162202
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 149.6
 176 74.1 0.0 148.2

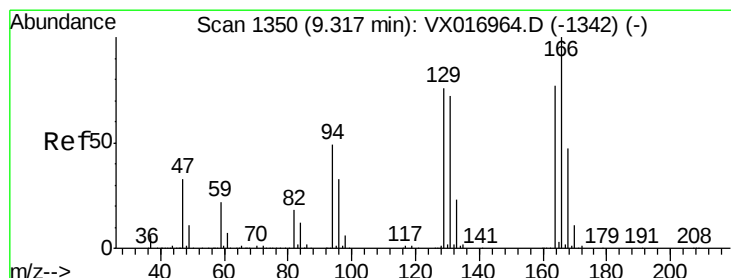
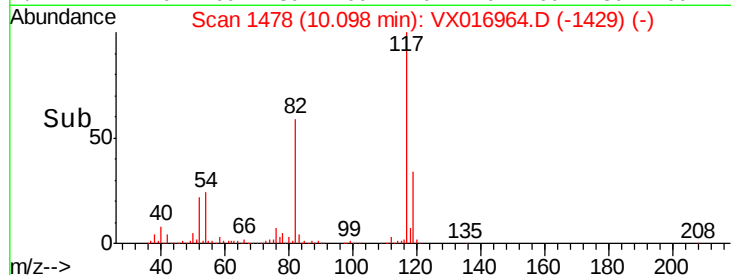
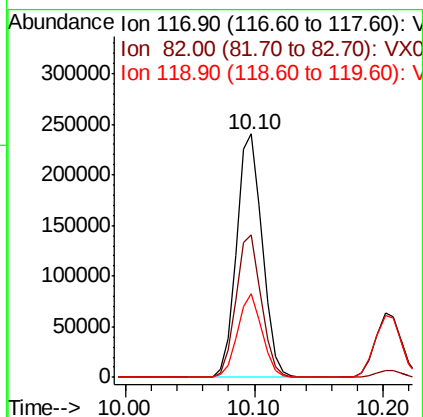
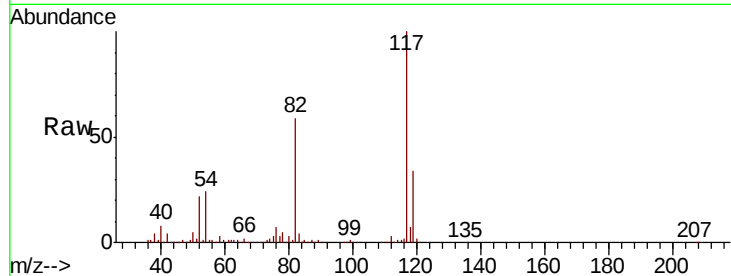




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

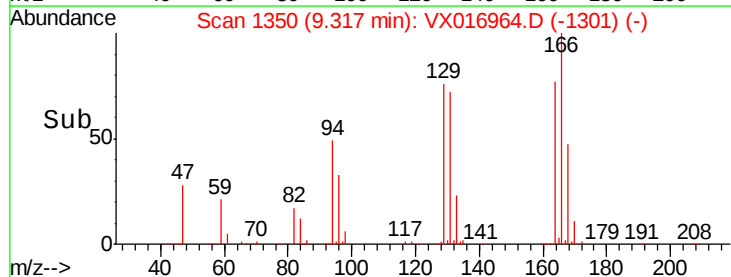
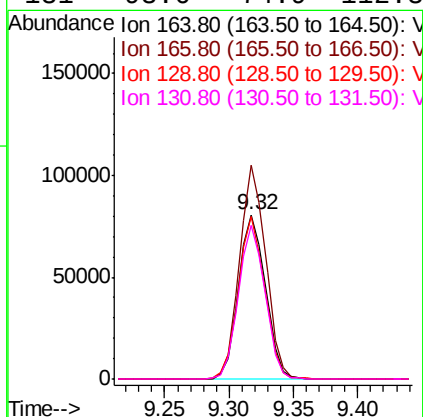
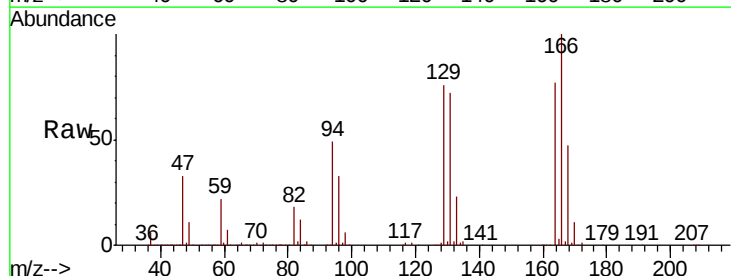
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

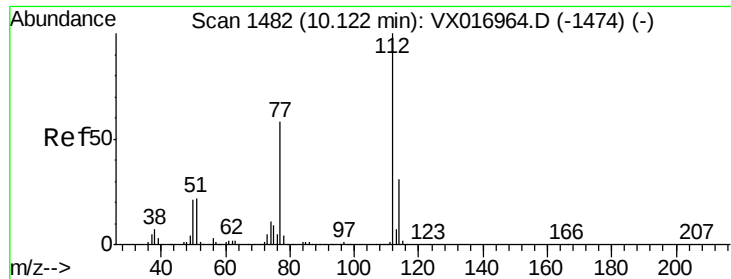
Tot Ion:117 Resp: 332195
Ion Ratio Lower Upper
117 100
82 58.5 46.8 70.2
119 34.1 27.3 40.9



#64
Tetrachloroethene
Concen: 37.289 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion:164 Resp: 116839
Ion Ratio Lower Upper
164 100
166 130.3 104.2 156.4
129 99.1 79.3 118.9
131 93.6 74.9 112.3

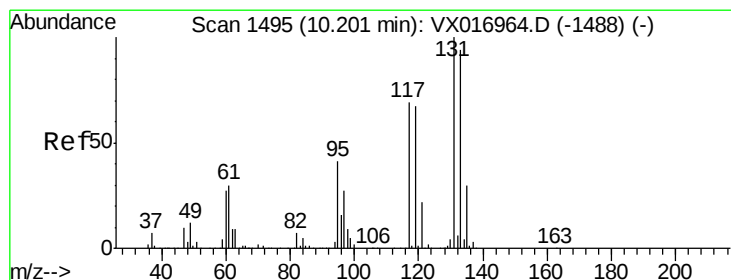
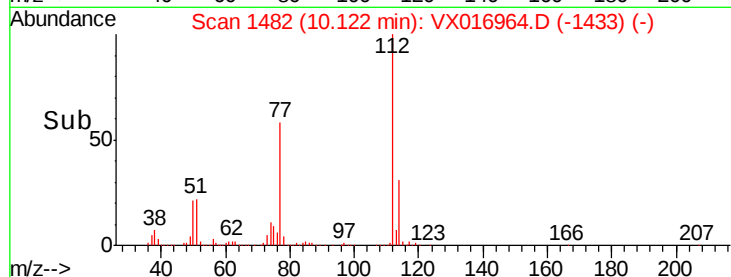
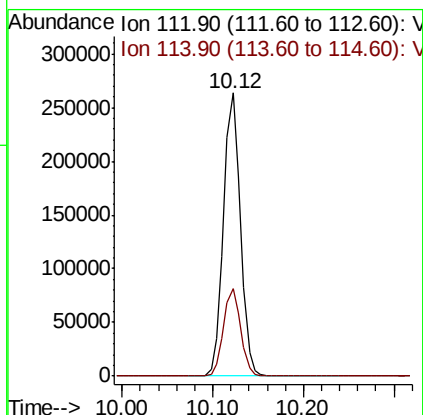
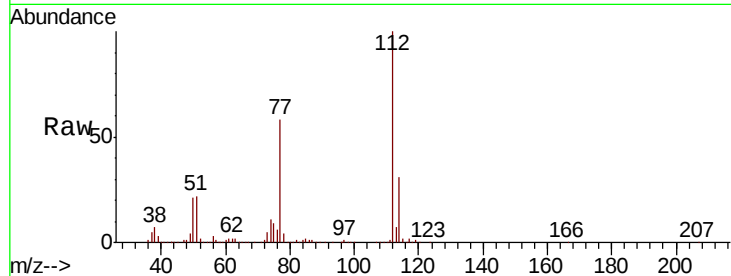




#65
Chlorobenzene
Concen: 52.015 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

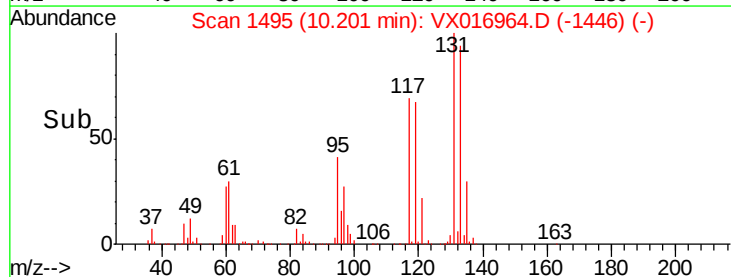
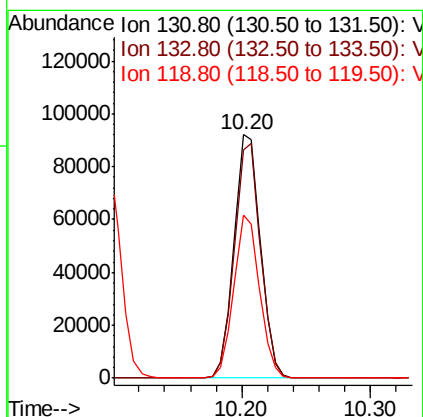
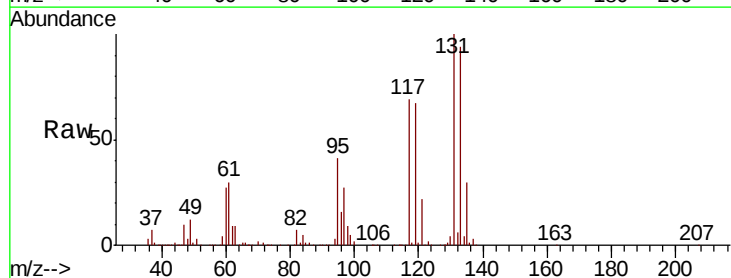
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

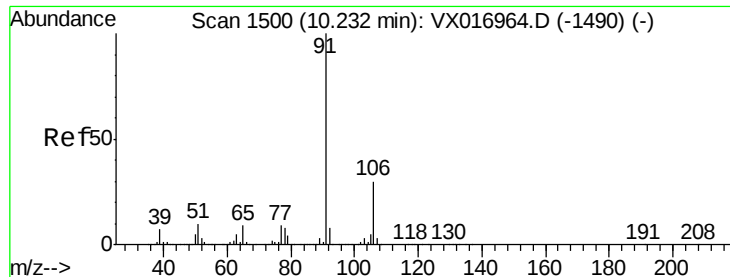
Tot Ion:112 Resp: 344063
Ion Ratio Lower Upper
112 100
114 31.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 55.719 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion:131 Resp: 132130
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 65.6 32.8 98.4





#67

Ethyl Benzene

Concen: 51.759 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

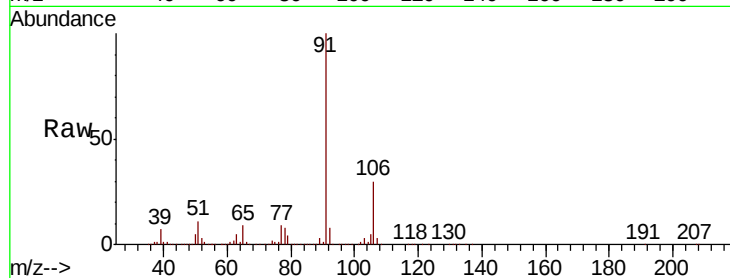
VSTDICCC050

Tot Ion: 91 Resp: 630880

Ion Ratio Lower Upper

91 100

106 30.1 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX016964.D (-1490) (-)

Ion 106.00 (105.70 to 106.70): VX016964.D (-1490) (-)

800000

600000

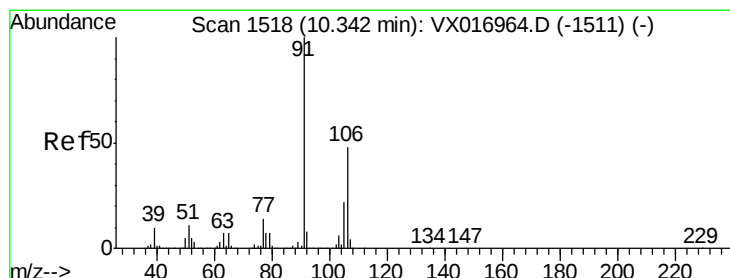
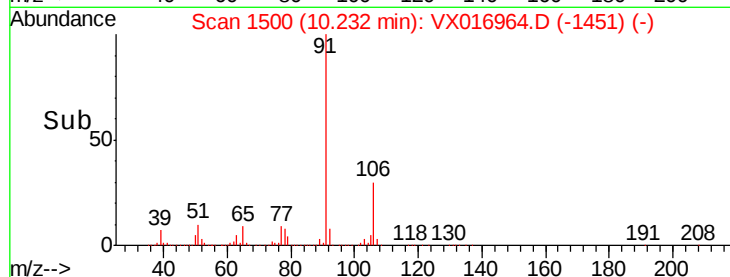
400000

200000

0

10.20 10.23 10.30

Time-->



#68

m/p-Xylenes

Concen: 105.861 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016964.D

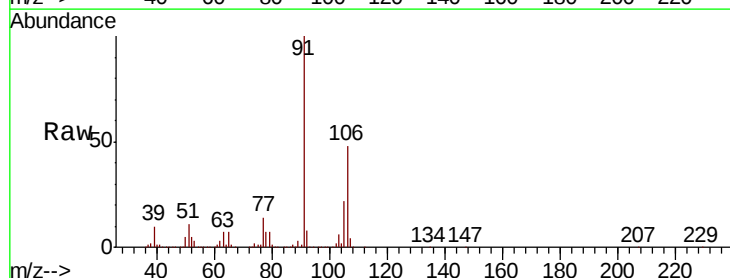
Acq: 25 Jun 2020 20:00

Tgt Ion: 106 Resp: 473990

Ion Ratio Lower Upper

106 100

91 205.1 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): VX016964.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX016964.D (-1511) (-)

800000

600000

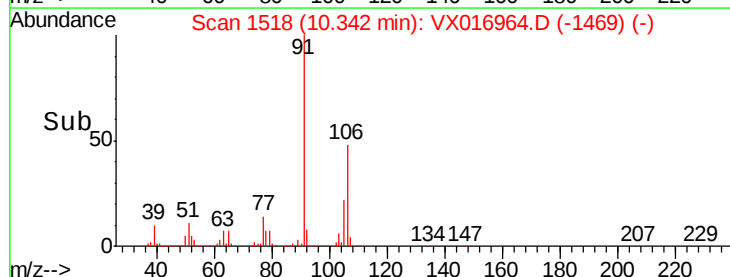
400000

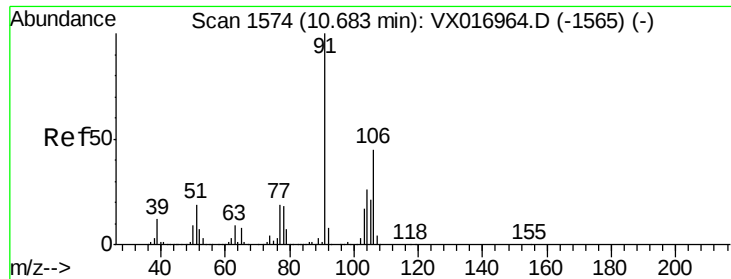
200000

0

10.30 10.34 10.40

Time-->

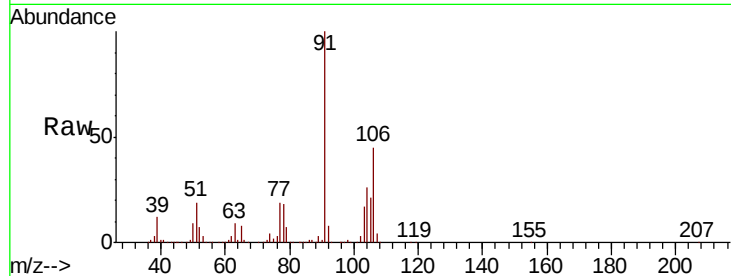




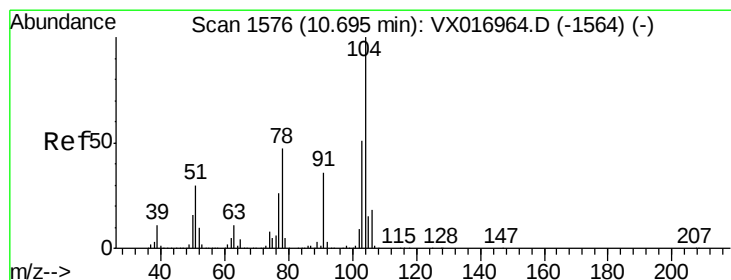
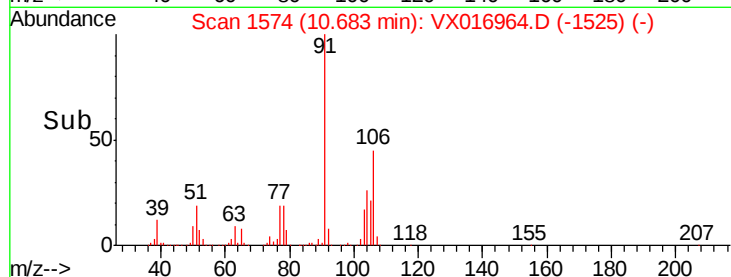
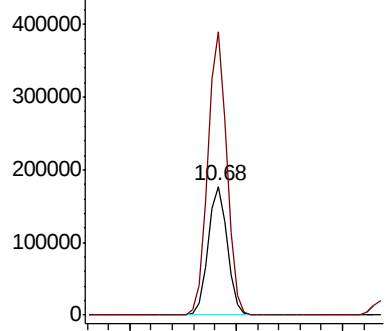
#69
o-Xylene
Concen: 51.543 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 224396
Ion Ratio Lower Upper
106 100
91 218.1 109.1 327.2

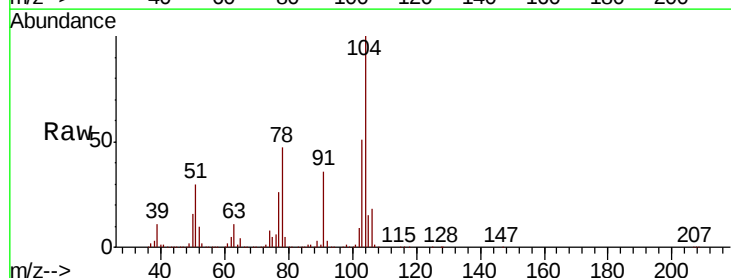


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

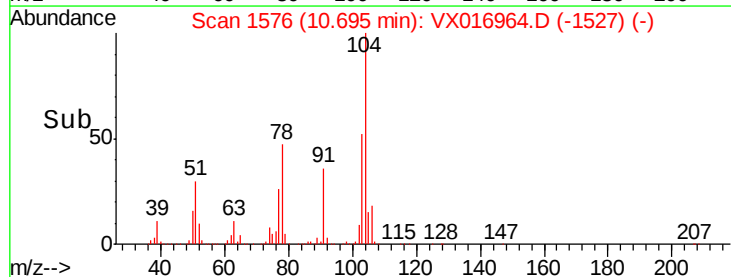
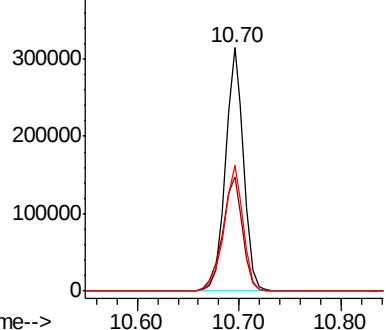


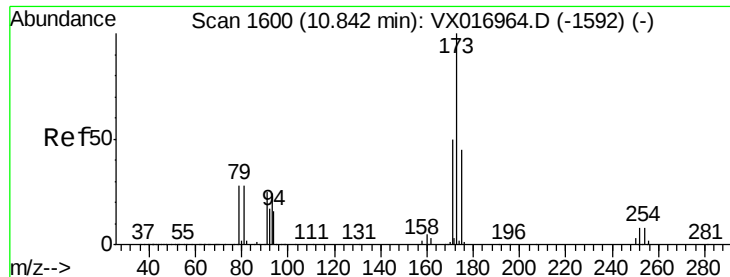
#70
Styrene
Concen: 52.186 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion:104 Resp: 391006
Ion Ratio Lower Upper
104 100
78 52.4 41.9 62.9
103 54.9 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

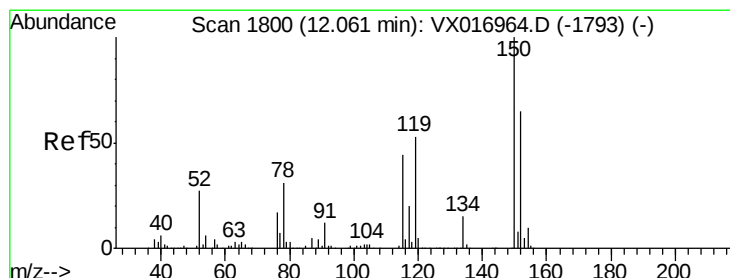
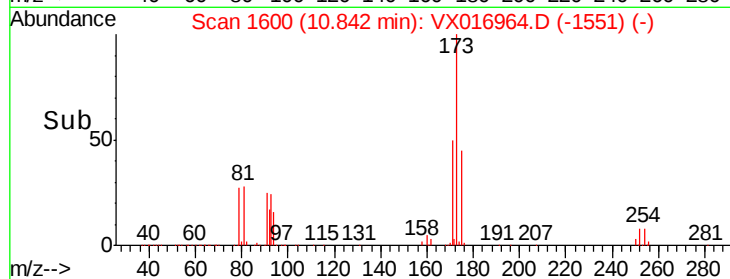
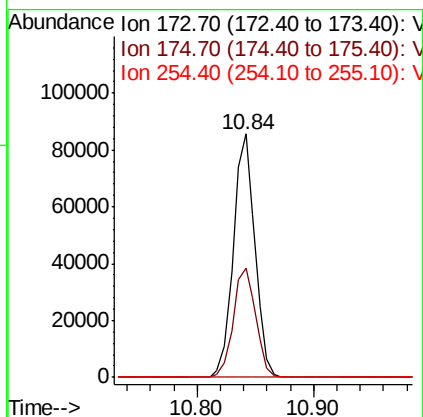
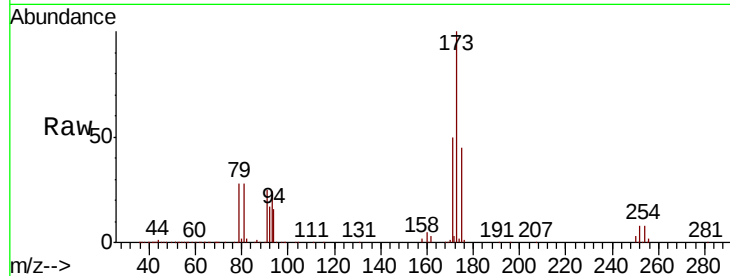




#71
Bromoform
Concen: 66.351 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

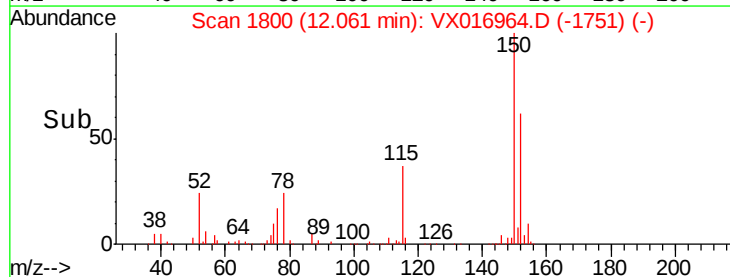
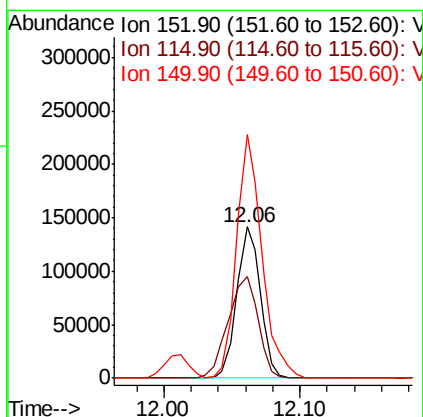
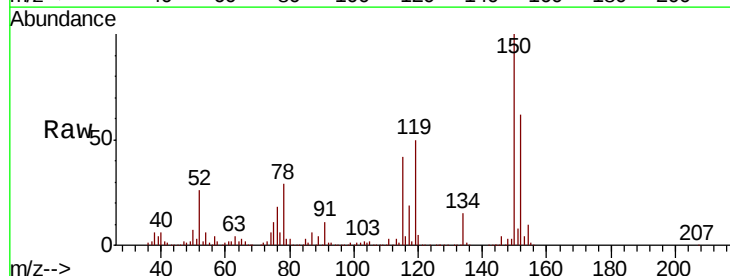
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

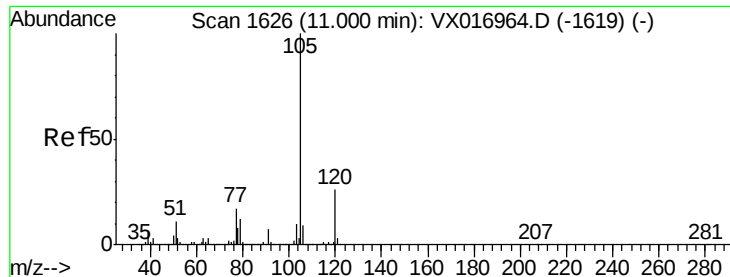
Tot Ion:173 Resp: 110087
Ion Ratio Lower Upper
173 100
175 46.8 23.4 70.2
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion:152 Resp: 169712
Ion Ratio Lower Upper
152 100
115 85.6 42.8 128.4
150 173.9 0.0 347.8





#73

Isopropylbenzene

Concen: 48.899 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampled :

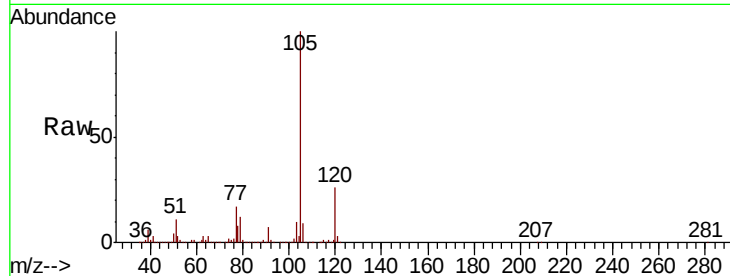
VSTDICCC050

Tot Ion:105 Resp: 610559

Ion Ratio Lower Upper

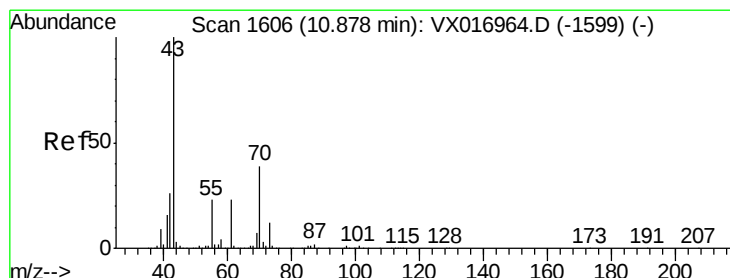
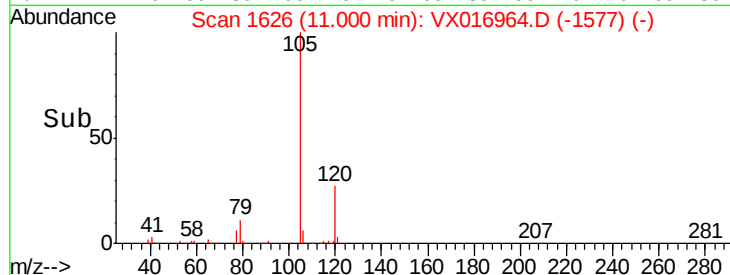
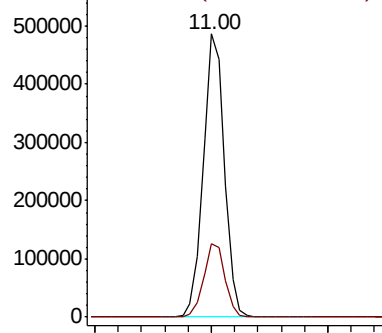
105 100

120 26.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.641 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Tgt Ion: 43 Resp: 295999

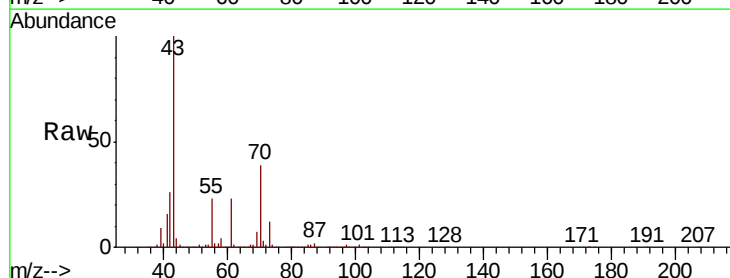
Ion Ratio Lower Upper

43 100

70 40.1 32.1 48.1

55 23.3 18.6 28.0

61 23.5 18.8 28.2

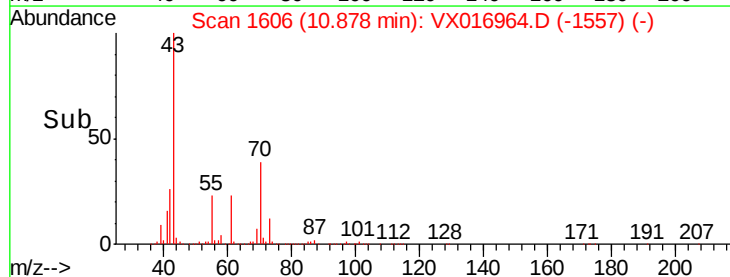
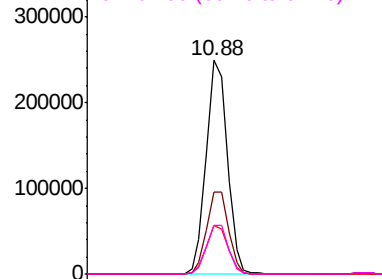


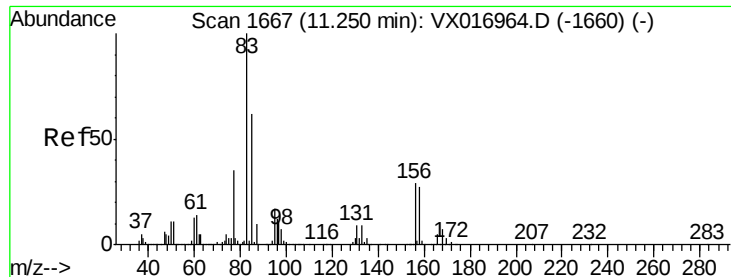
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 65.013 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

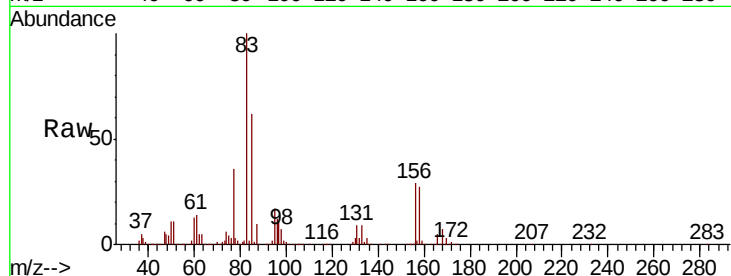
Tot Ion: 83 Resp: 195384

Ion Ratio Lower Upper

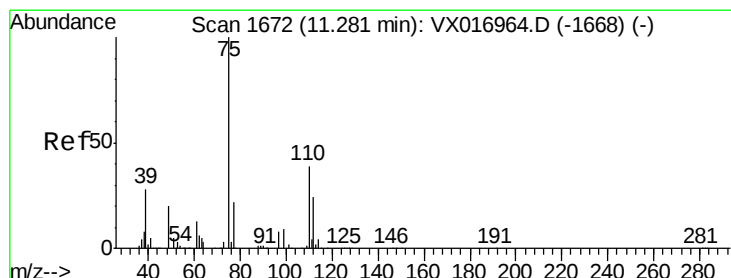
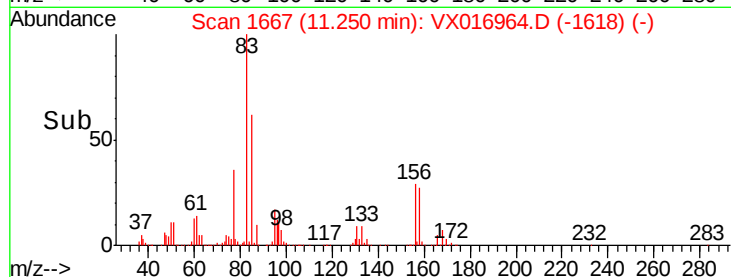
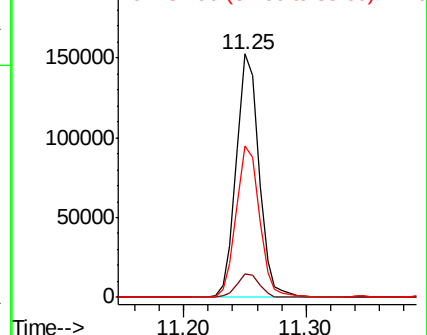
83 100

131 9.8 4.9 14.7

85 64.1 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 66.022 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016964.D

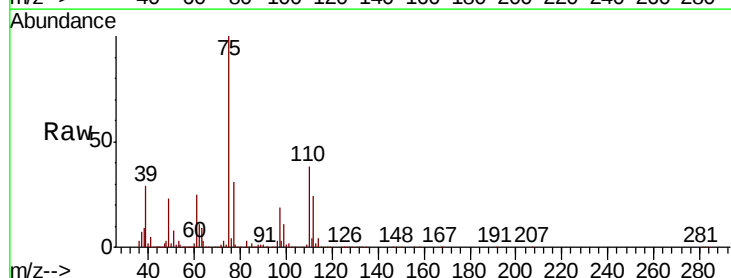
Acq: 25 Jun 2020 20:00

Tgt Ion: 75 Resp: 240372

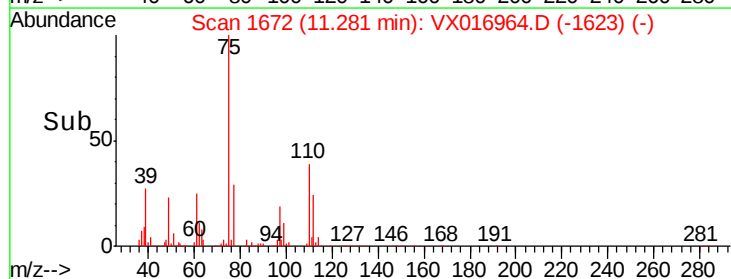
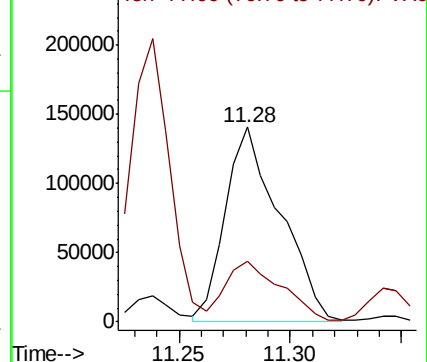
Ion Ratio Lower Upper

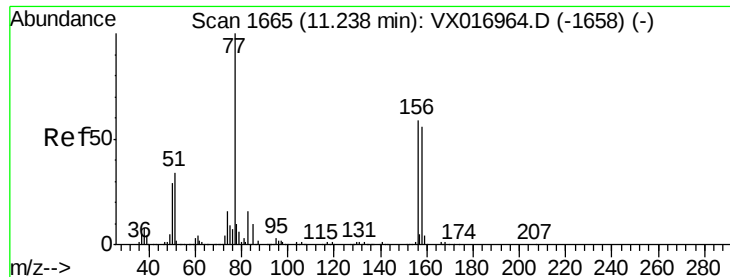
75 100

77 31.9 20.3 61.0



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





#77

Bromobenzene

Concen: 51.799 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

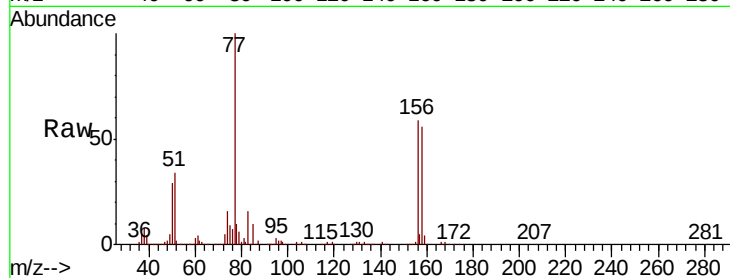
Tot Ion:156 Resp: 149334

Ion Ratio Lower Upper

156 100

77 170.4 85.2 255.6

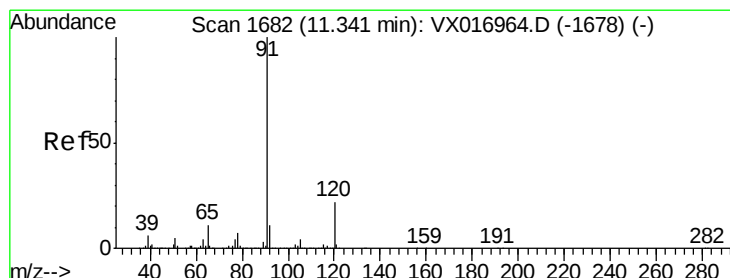
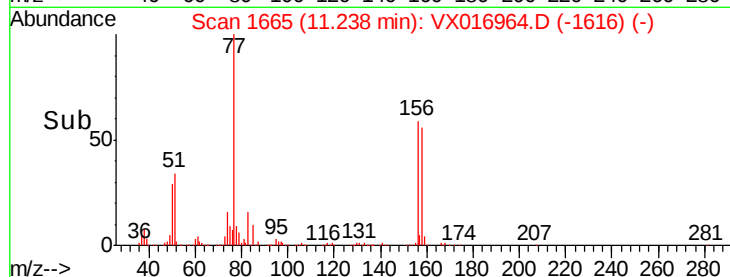
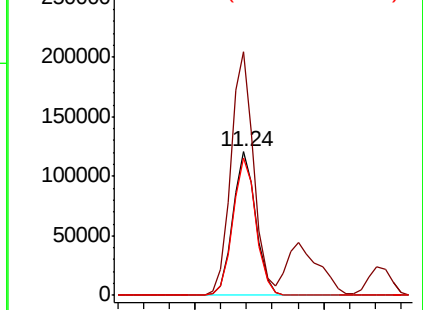
158 96.6 48.3 144.9



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: 48.778 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016964.D

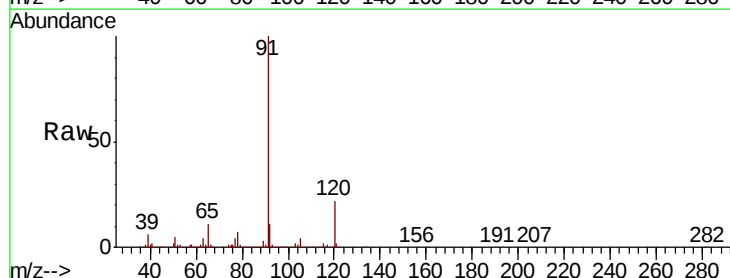
Acq: 25 Jun 2020 20:00

Tgt Ion: 91 Resp: 720050

Ion Ratio Lower Upper

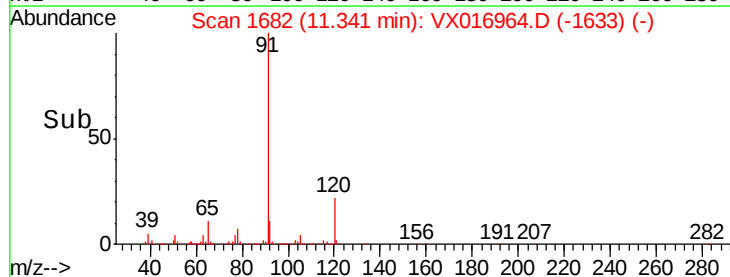
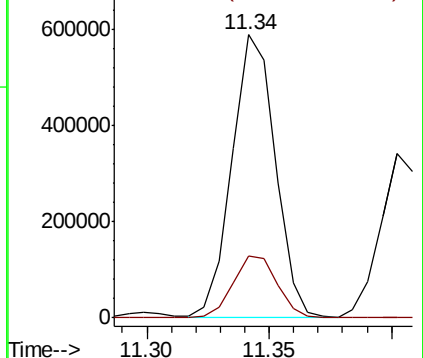
91 100

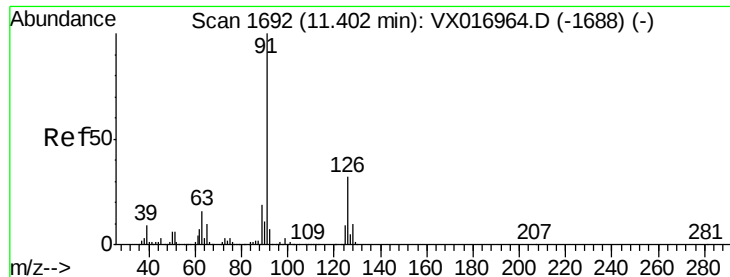
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

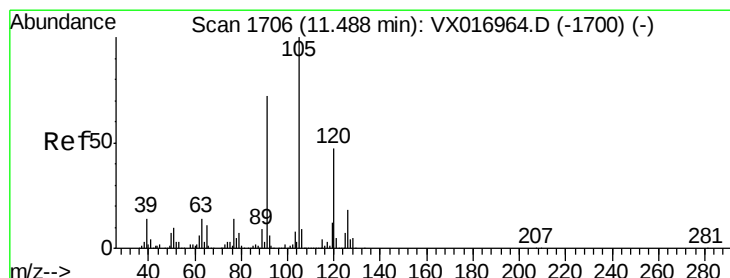
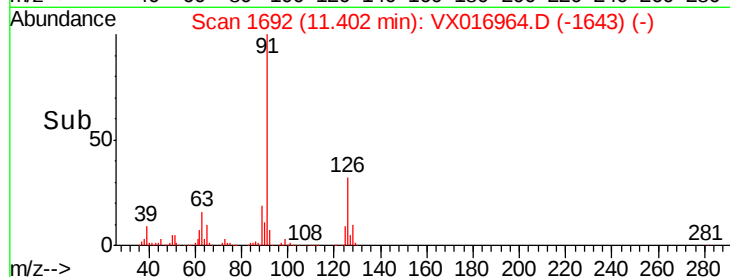
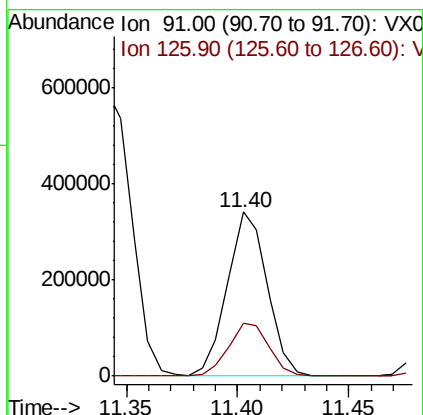
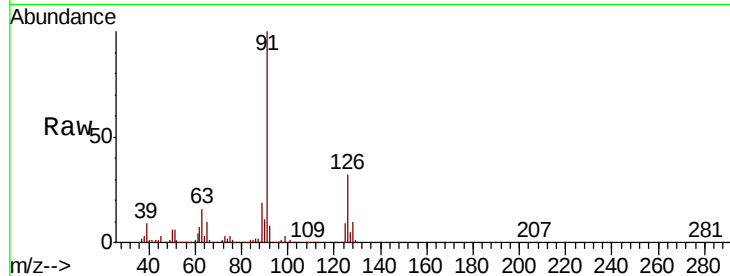




#79
2-Chlorotoluene
Concen: 48.786 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

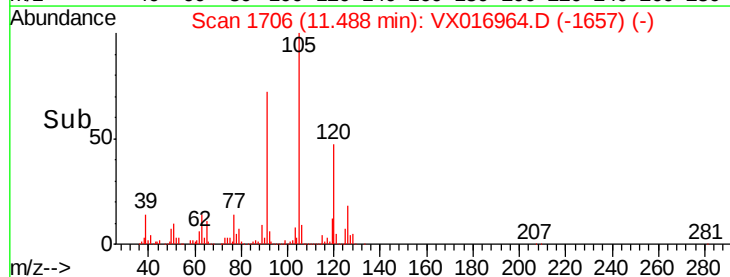
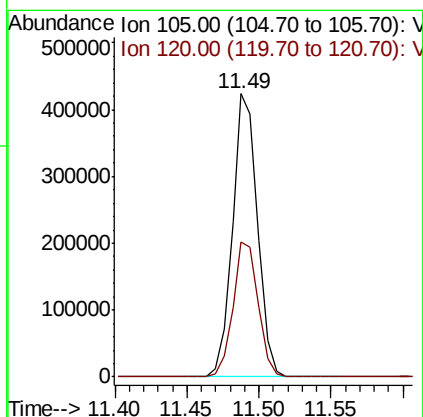
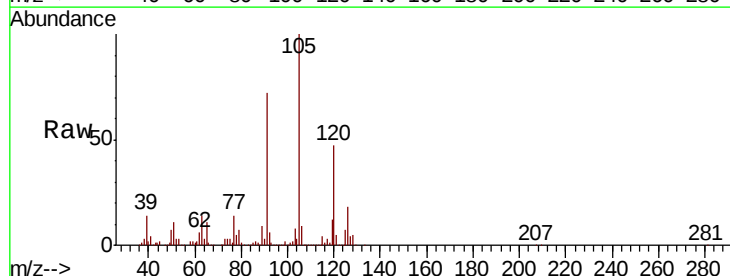
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

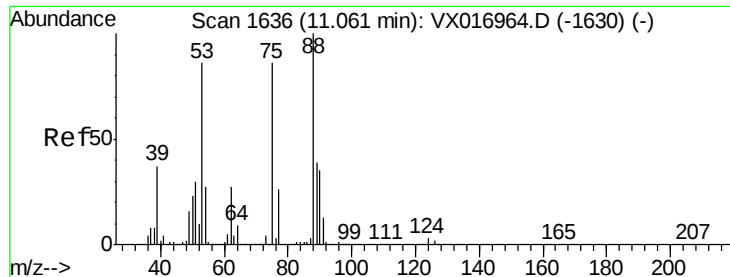
Tot Ion: 91 Resp: 424262
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 48.382 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion: 105 Resp: 512682
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 45.492 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

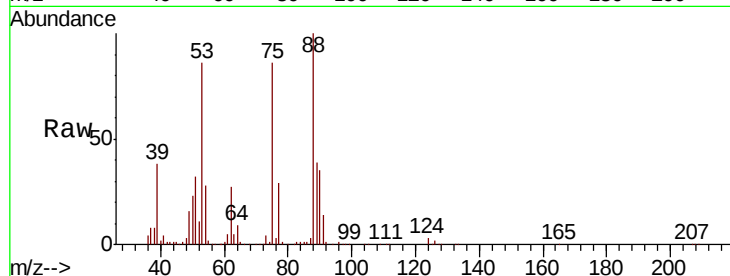
Tot Ion: 75 Resp: 71739

Ion Ratio Lower Upper

75 100

53 102.4 81.9 122.9

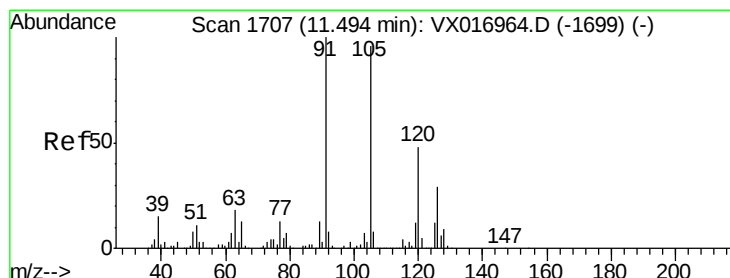
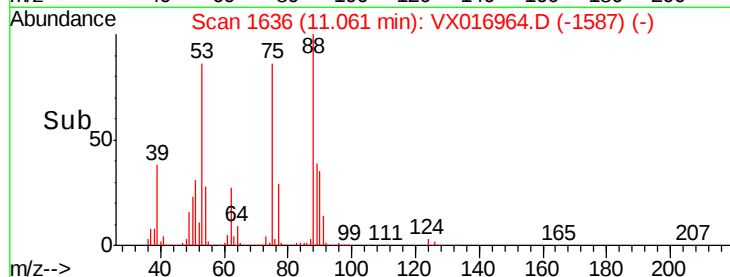
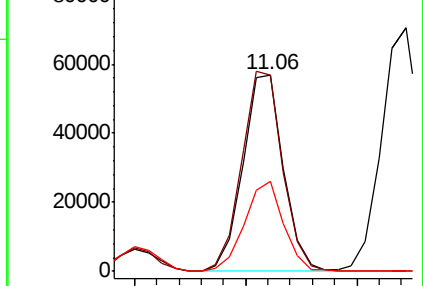
89 44.4 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.671 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016964.D

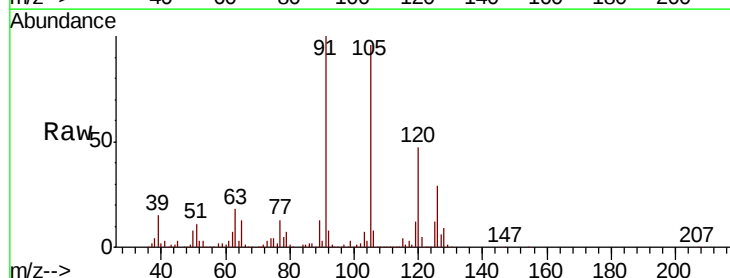
Acq: 25 Jun 2020 20:00

Tgt Ion: 91 Resp: 505699

Ion Ratio Lower Upper

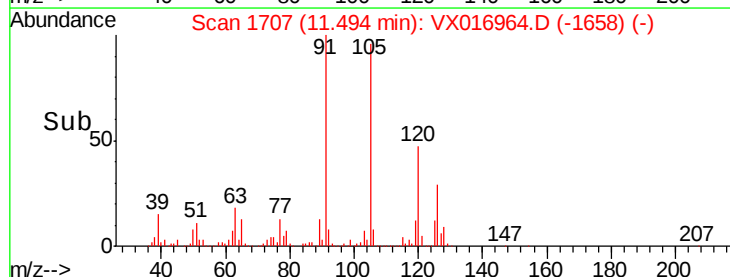
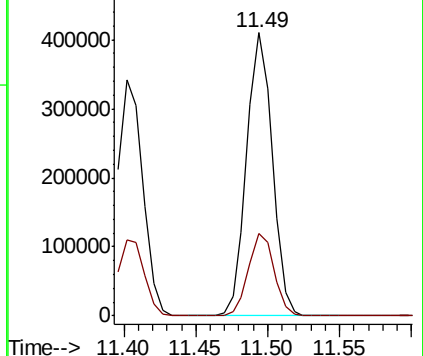
91 100

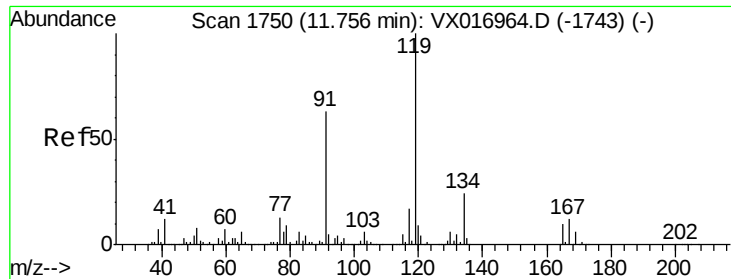
126 29.3 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

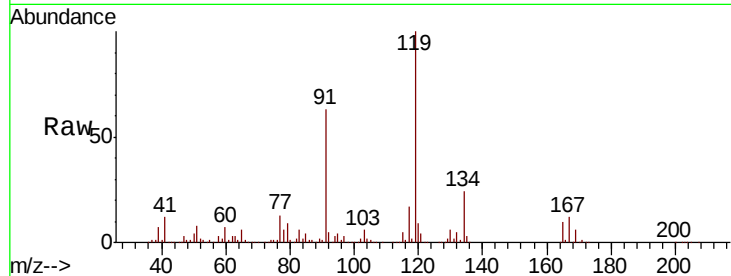




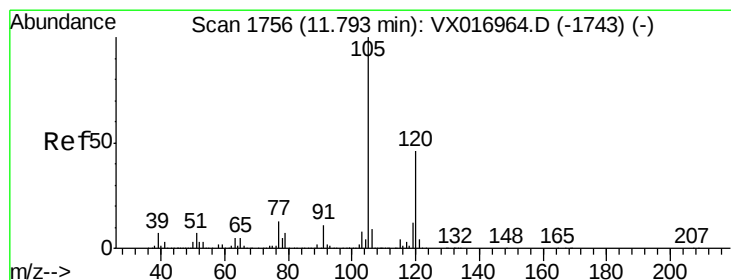
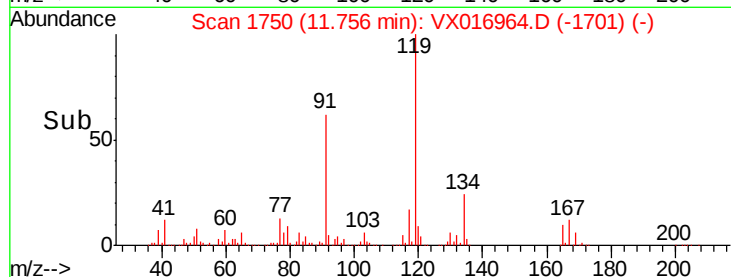
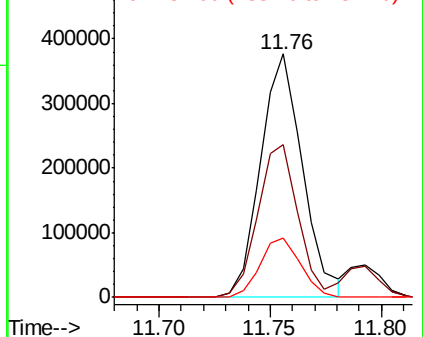
#83
tert-Butylbenzene
Concen: 53.986 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:119 Resp: 493871
Ion Ratio Lower Upper
119 100
91 60.0 30.0 90.0
134 23.5 11.8 35.3

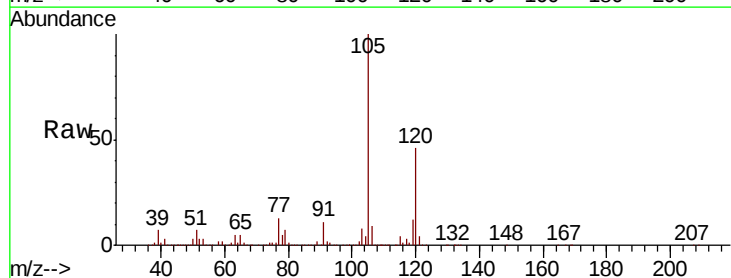


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

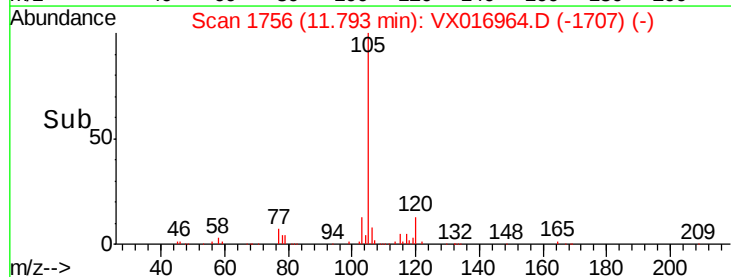
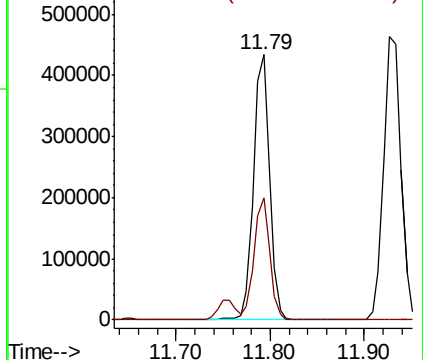


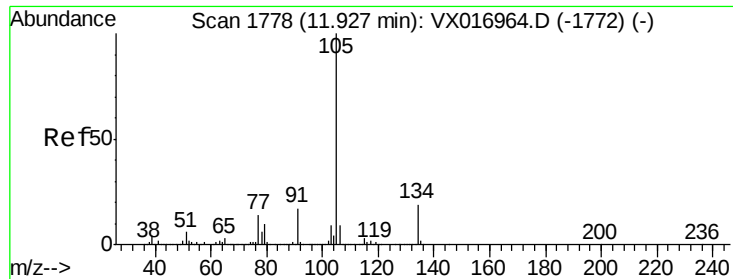
#84
1,2,4-Trimethylbenzene
Concen: 48.210 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion:105 Resp: 524783
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.508 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

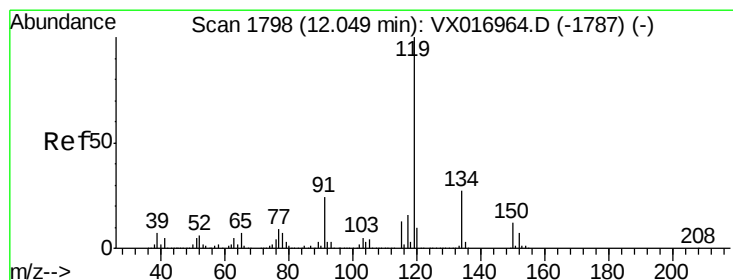
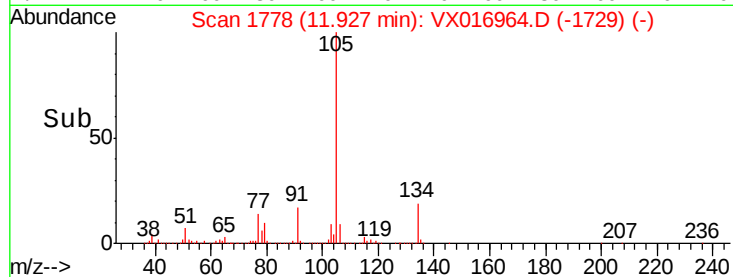
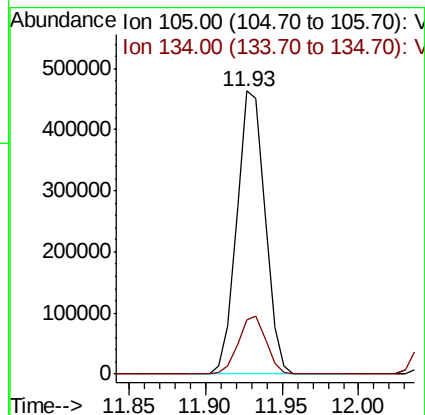
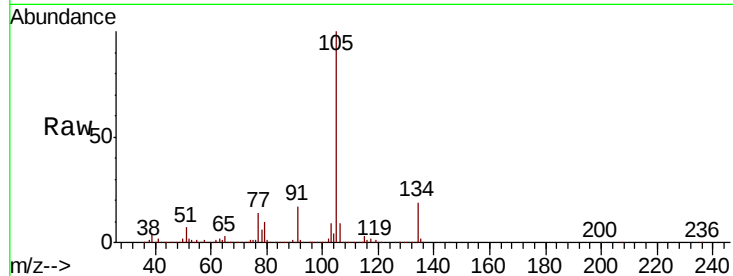
VSTDICCC050

Tot Ion:105 Resp: 592185

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.237 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

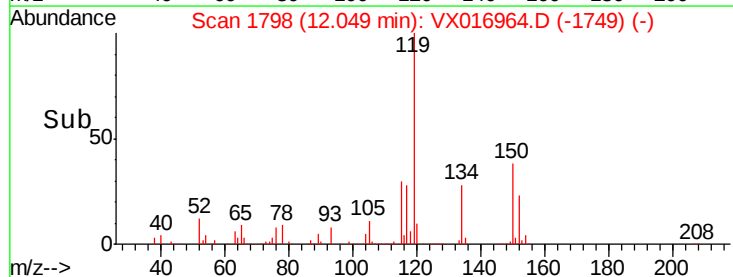
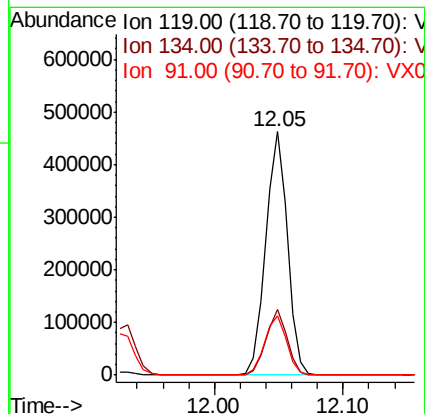
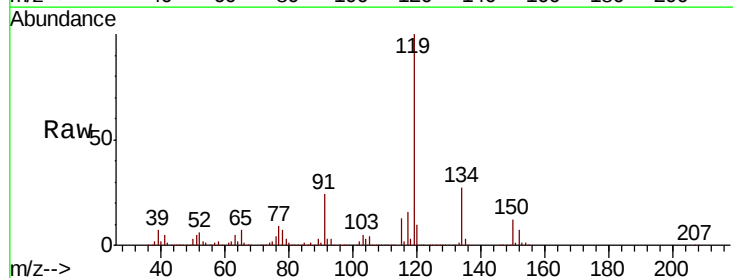
Tgt Ion:119 Resp: 537616

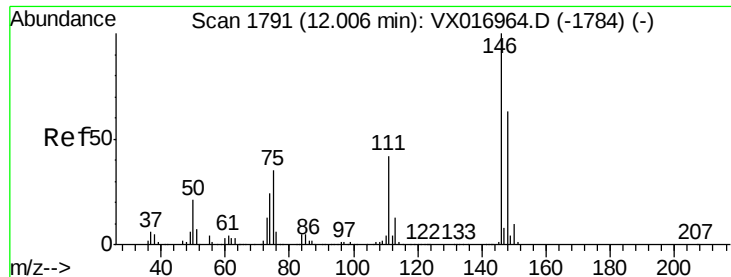
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.331 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

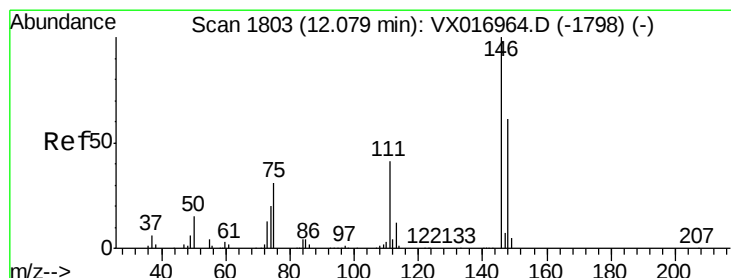
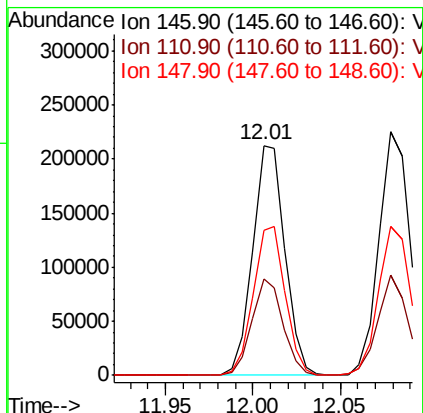
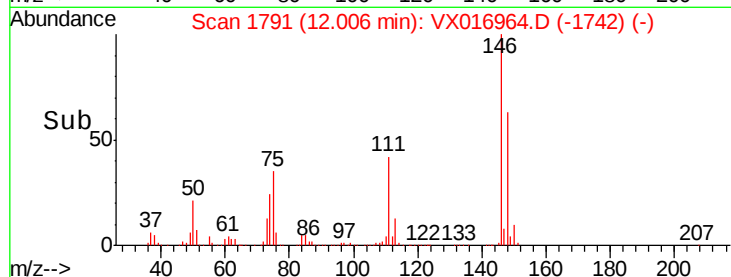
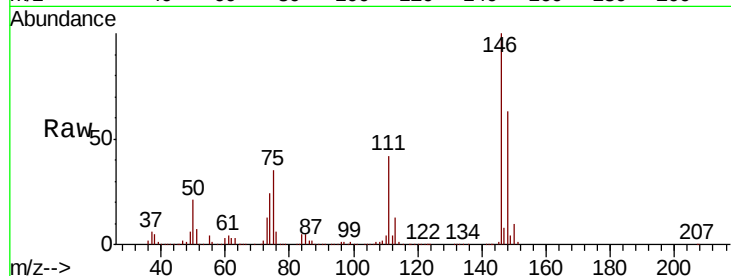
Tot Ion:146 Resp: 272115

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

148 64.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 50.811 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

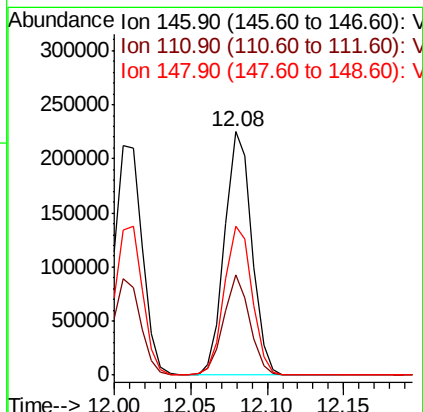
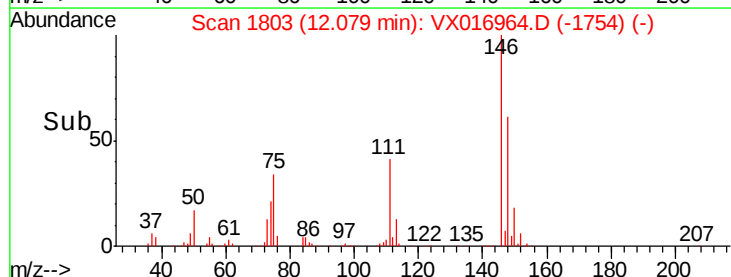
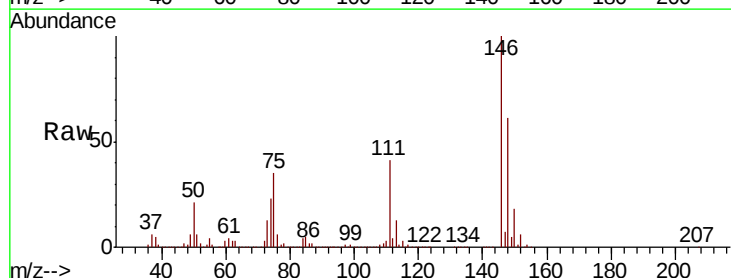
Tgt Ion:146 Resp: 276952

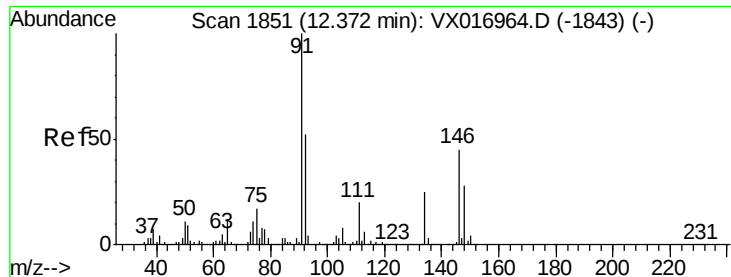
Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 62.6 31.3 93.9

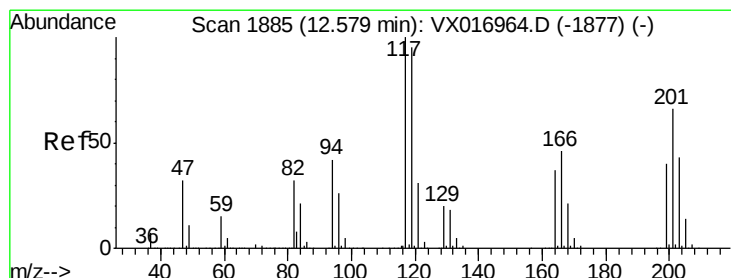
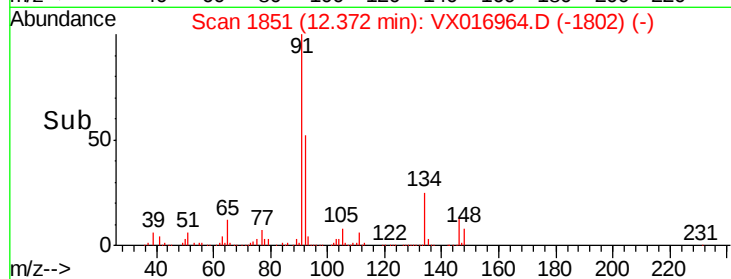
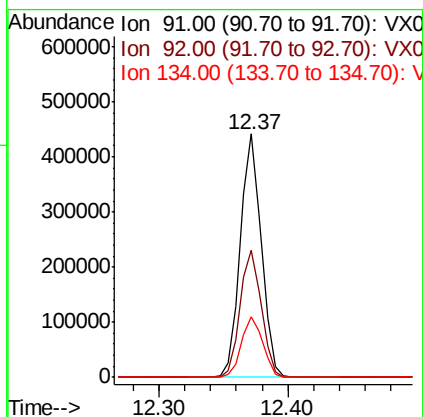
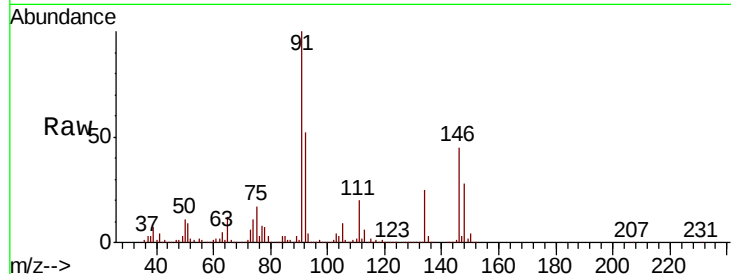




#89
n-Butylbenzene
Concen: 47.655 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

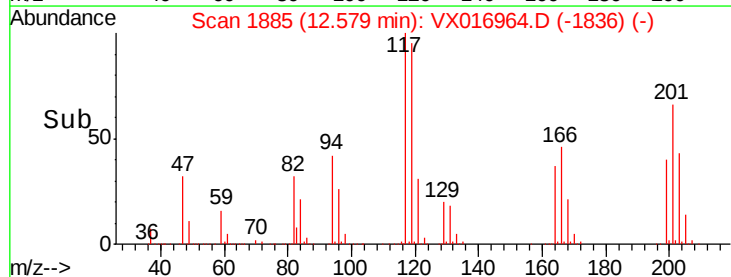
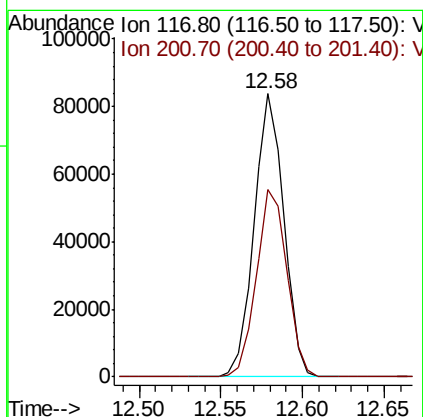
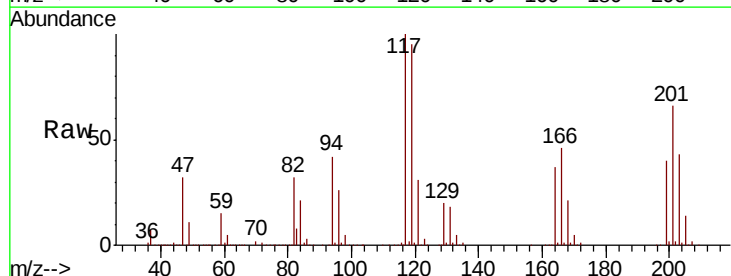
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

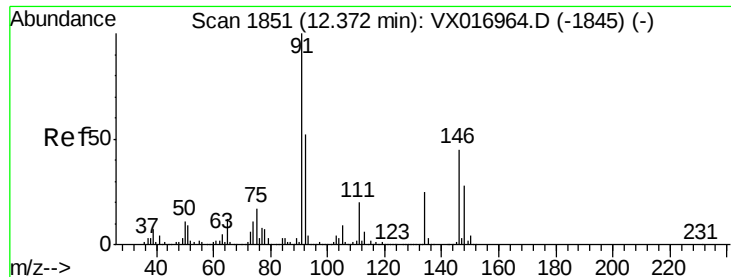
Tot Ion: 91 Resp: 498274
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 25.2 12.6 37.8



#90
Hexachloroethane
Concen: 58.736 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion: 117 Resp: 106531
Ion Ratio Lower Upper
117 100
201 68.0 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 50.023 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

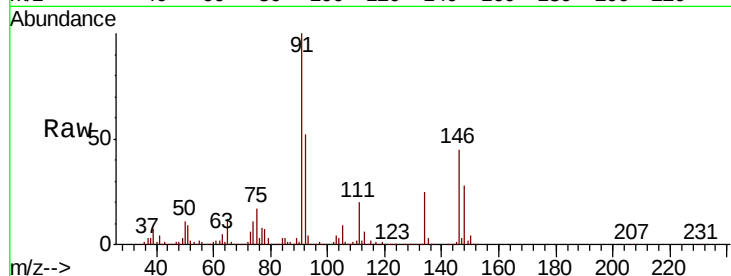
Tot Ion:146 Resp: 254579

Ion Ratio Lower Upper

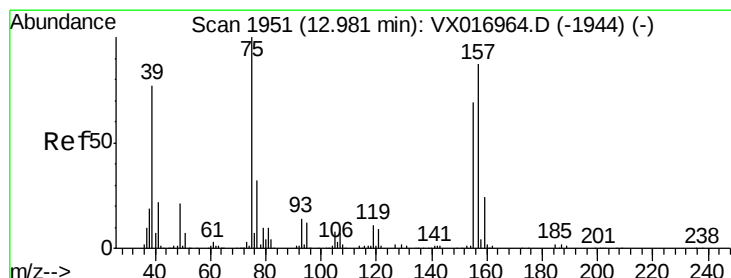
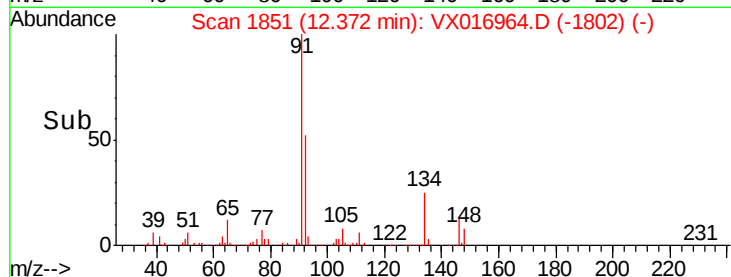
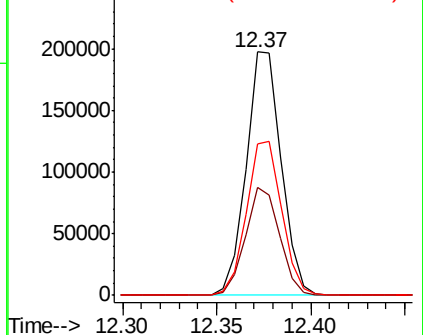
146 100

111 43.1 21.6 64.6

148 63.8 31.9 95.7



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: 48.615 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

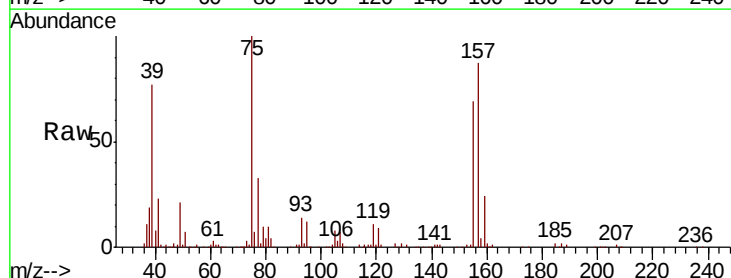
Tgt Ion: 75 Resp: 44032

Ion Ratio Lower Upper

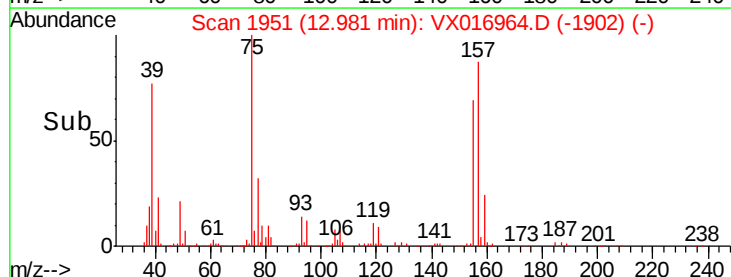
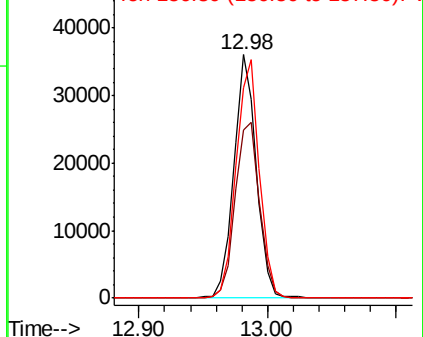
75 100

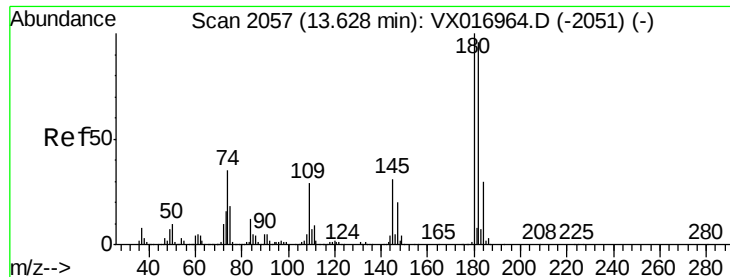
155 78.0 39.0 117.0

157 100.1 50.0 150.1



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

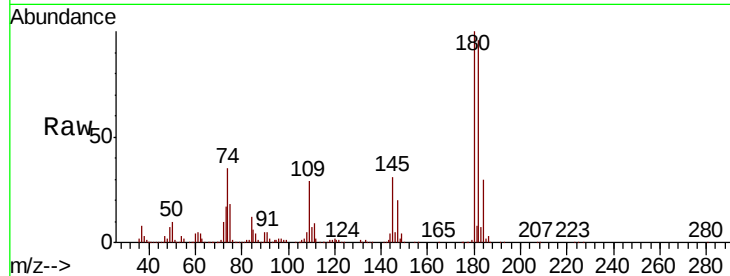




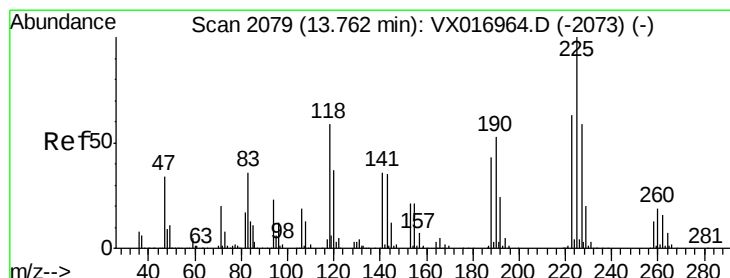
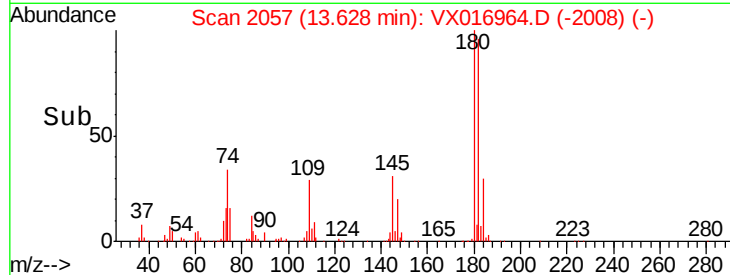
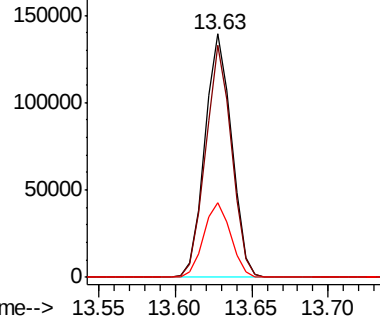
#93
 1,2,4-Trichlorobenzene
 Concen: 51.130 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 168842
 Ion Ratio Lower Upper
 180 100
 182 92.7 46.4 139.1
 145 31.0 15.5 46.5

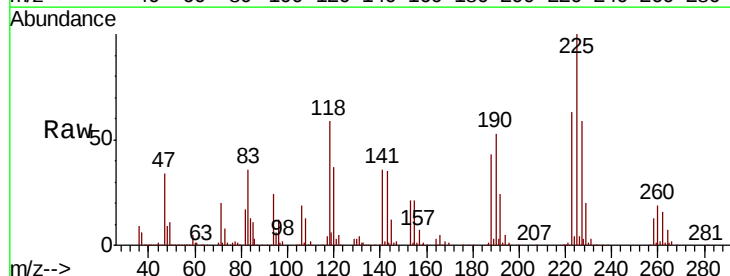


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

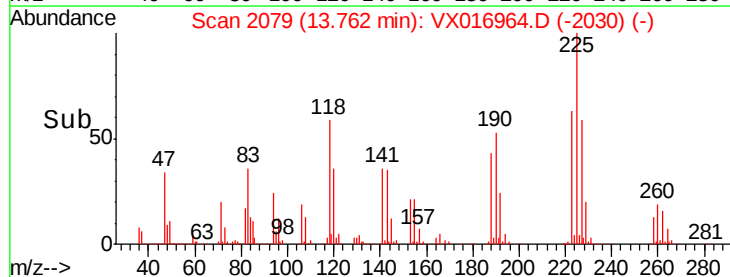
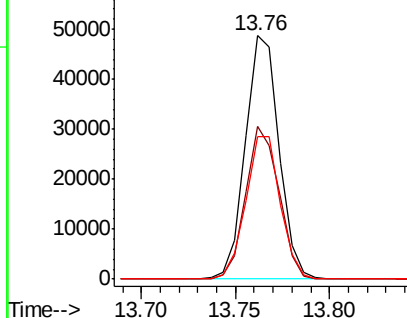


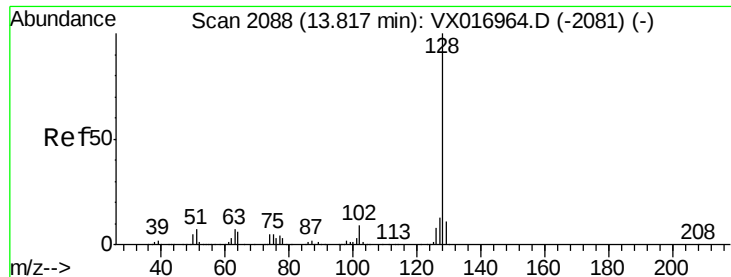
#94
 Hexachlorobutadiene
 Concen: 51.594 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion:225 Resp: 60180
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.2
 227 60.6 30.3 90.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

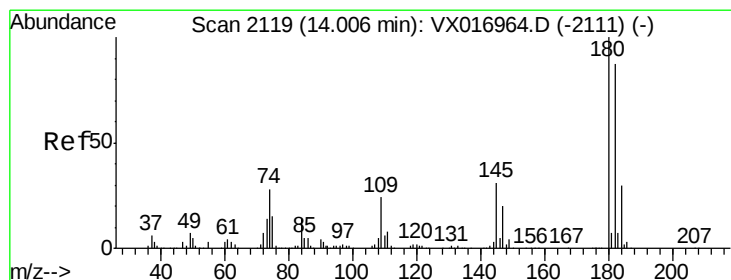
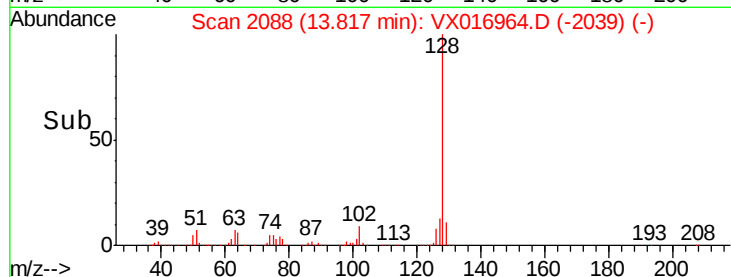
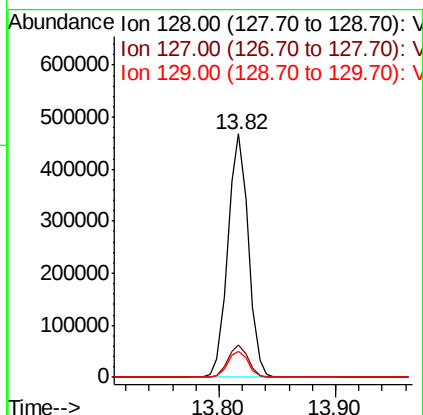
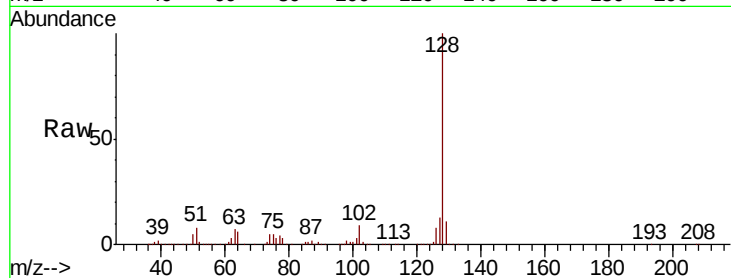




#95
Naphthalene
Concen: 48.222 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 569544
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.168 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion:180 Resp: 160416
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 33.7 16.9 50.6

