

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016995.D
 Acq On : 26 Jun 2020 19:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 04:29:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	266767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	451093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187026	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	5.47	113	148225	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.70	98	547470	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.12	95	213826	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	150499	59.195	ug/l	100
3) Chloromethane	1.31	50	175180	53.600	ug/l	97
4) Vinyl Chloride	1.39	62	164485	49.138	ug/l	100
5) Bromomethane	1.62	94	82854	35.389	ug/l	97
6) Chloroethane	1.71	64	99261	43.692	ug/l	96
7) Trichlorofluoromethane	1.92	101	233757	42.809	ug/l	96
8) Diethyl Ether	2.17	74	87157	41.436	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	142972	48.916	ug/l	97
10) Methyl Iodide	2.49	142	159023	43.754	ug/l	99
11) Tert butyl alcohol	3.01	59	179614	236.166	ug/l	100
12) 1,1-Dichloroethene	2.36	96	145217	49.111	ug/l	93
13) Acrolein	2.27	56	150245	266.533	ug/l	97
14) Allyl chloride	2.71	41	272757	49.542	ug/l	93
15) Acrylonitrile	3.12	53	432944	245.179	ug/l	99
16) Acetone	2.42	43	362668	230.306	ug/l	96
17) Carbon Disulfide	2.55	76	433691	46.255	ug/l	99
18) Methyl Acetate	2.75	43	185949	48.538	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	497679	48.154	ug/l	100
20) Methylene Chloride	2.84	84	165316	46.182	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	160290	47.979	ug/l	96
22) Diisopropyl ether	3.82	45	531336	49.227	ug/l	99
23) Vinyl Acetate	3.79	43	2338429	247.549	ug/l	99
24) 1,1-Dichloroethane	3.67	63	288987	47.730	ug/l	99
25) 2-Butanone	4.64	43	601957	250.813	ug/l	100
26) 2,2-Dichloropropane	4.56	77	204971	41.851	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	183989	49.838	ug/l	94
28) Bromochloromethane	4.98	49	127433	45.041	ug/l	97
29) Tetrahydrofuran	5.09	42	401645	254.569	ug/l	99
30) Chloroform	5.18	83	297757	48.966	ug/l	98
31) Cyclohexane	5.55	56	252733	49.969	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	266703	48.957	ug/l	98
36) 1,1-Dichloropropene	5.77	75	219791	49.208	ug/l	99
37) Ethyl Acetate	4.80	43	242867	50.595	ug/l	99
38) Carbon Tetrachloride	5.76	117	239743	50.716	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	245537	50.800	ug/l	99
40) Benzene	6.11	78	647074	50.305	ug/l	99
41) Methacrylonitrile	5.00	41	132301	49.461	ug/l	98
42) 1,2-Dichloroethane	6.16	62	241590	47.804	ug/l	99
43) Isopropyl Acetate	6.42	43	385976	47.797	ug/l	98
44) Trichloroethene	7.19	130	214368	62.605	ug/l	92
45) 1,2-Dichloropropane	7.49	63	166903	48.536	ug/l	99
46) Dibromomethane	7.64	93	114632	49.070	ug/l	97
47) Bromodichloromethane	7.88	83	238588	48.829	ug/l	97
48) Methyl methacrylate	7.74	41	193441	51.298	ug/l	96
49) 1,4-Dioxane	7.71	88	82051	1046.058	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1202930	260.280	ug/l	100
52) Toluene	8.76	92	400043	50.459	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	254939	48.723	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	274380	49.883	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	164678	50.551	ug/l	98
56) Ethyl methacrylate	9.16	69	251414	51.495	ug/l	95
57) 1,3-Dichloropropane	9.35	76	278521	49.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	651678	258.354	ug/l	97
59) 2-Hexanone	9.47	43	897822	258.232	ug/l	99
60) Dibromochloromethane	9.57	129	188503	50.761	ug/l	98
61) 1,2-Dibromoethane	9.65	107	173929	50.005	ug/l	98
64) Tetrachloroethene	9.32	164	154066	53.342	ug/l	98
65) Chlorobenzene	10.12	112	437102	50.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	166695	51.405	ug/l	99
67) Ethyl Benzene	10.24	91	767898	50.134	ug/l	96
68) m/p-Xylenes	10.34	106	587637	103.268	ug/l	98
69) o-Xylene	10.68	106	278473	51.295	ug/l	97
70) Styrene	10.70	104	483230	52.253	ug/l	99
71) Bromoform	10.84	173	138724	53.803	ug/l #	99
73) Isopropylbenzene	11.00	105	753879	49.579	ug/l	99
74) N-amyl acetate	10.88	43	343154	47.856	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	238087	46.528	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	293410	63.308	ug/l	85
77) Bromobenzene	11.24	156	191723	48.632	ug/l	95
78) n-propylbenzene	11.34	91	867259	48.323	ug/l	99
79) 2-Chlorotoluene	11.40	91	523825	48.537	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	636959	50.399	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	81298	44.535	ug/l	97
82) 4-Chlorotoluene	11.49	91	620661	48.863	ug/l	100
83) tert-Butylbenzene	11.76	119	612982	49.799	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	654649	51.209	ug/l	100
85) sec-Butylbenzene	11.93	105	721527	50.275	ug/l	100
86) p-Isopropyltoluene	12.05	119	657763	50.162	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	346917	49.028	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	347483	48.104	ug/l	98
89) n-Butylbenzene	12.37	91	587242	47.578	ug/l	99
90) Hexachloroethane	12.58	117	133036	48.940	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	332018	49.493	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55109	47.065	ug/l	95

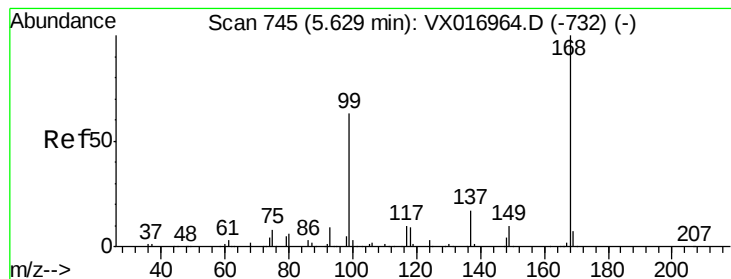
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	211601	48.407	ug/l	98
94) Hexachlorobutadiene	13.76	225	72119	45.921	ug/l	92
95) Naphthalene	13.82	128	737192	51.318	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	210638	50.244	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

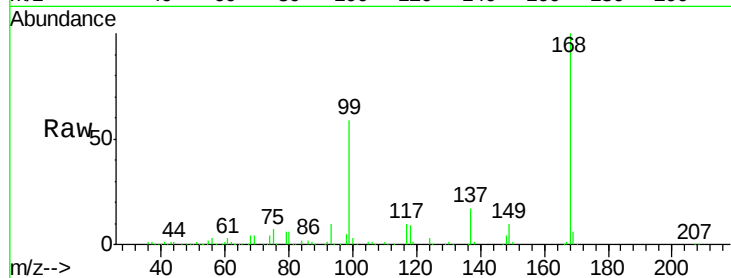
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 266767

Ion Ratio Lower Upper

168 100

99 58.9 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

60000

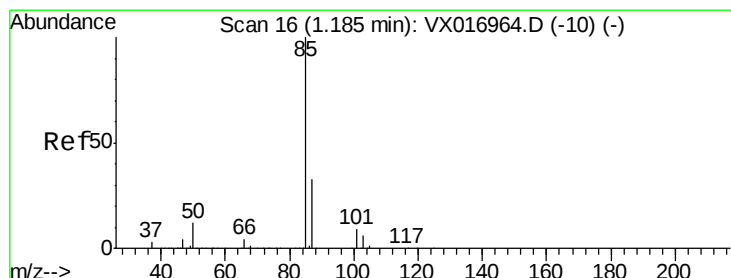
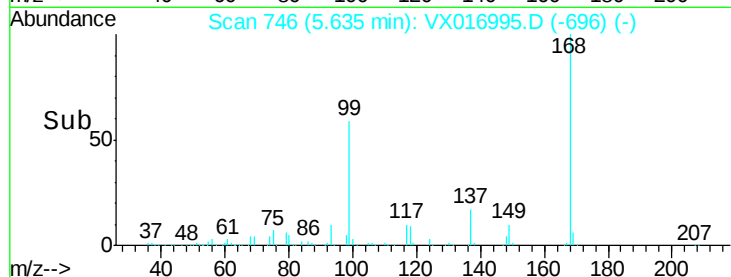
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 59.195 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016995.D

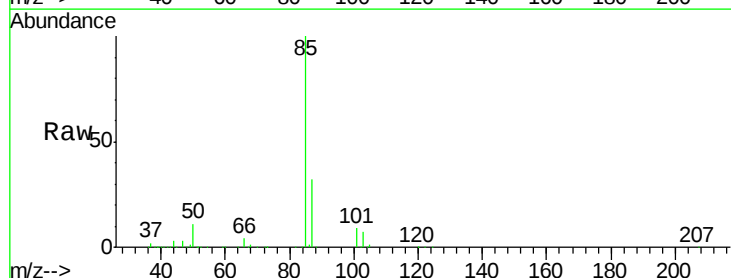
Acq: 26 Jun 2020 19:39

Tgt Ion: 85 Resp: 150499

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

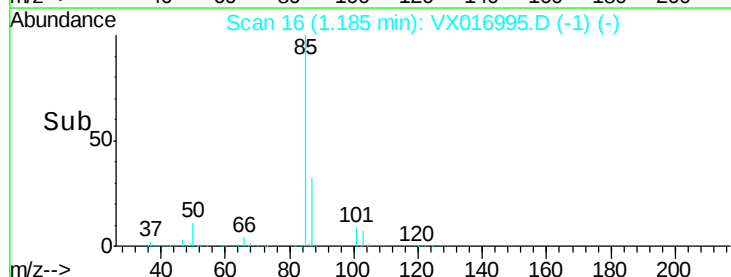
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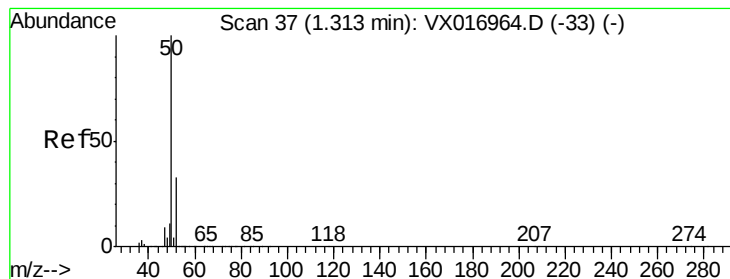
50000

0

Time-->

1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 53.600 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

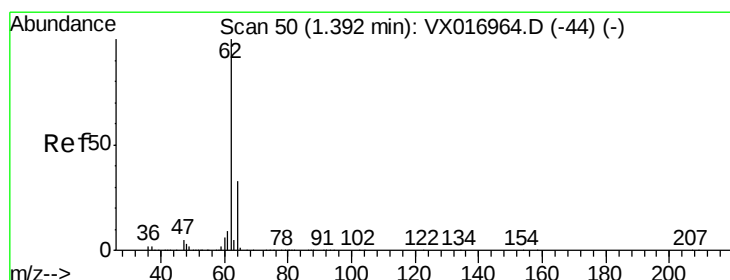
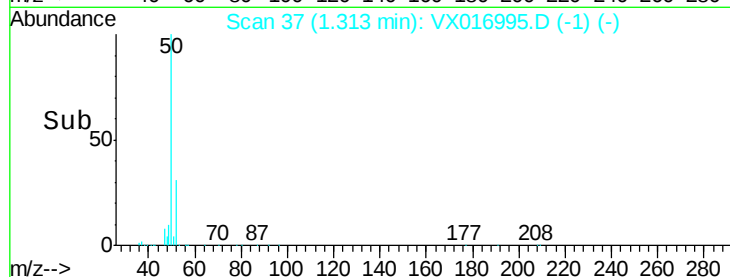
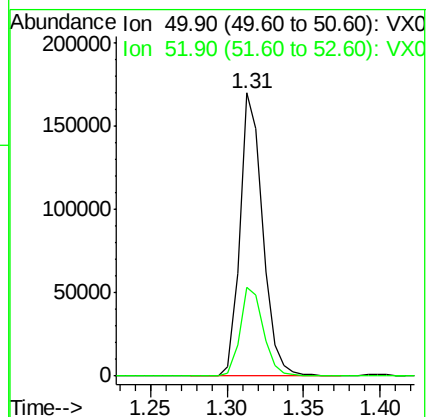
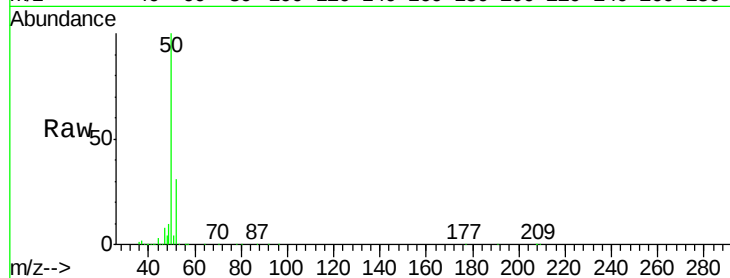
ClientSampleId :

Tot Ion: 50 Resp: 175180

Ion Ratio Lower Upper

50 100

52 31.3 26.6 40.0



#4

Vinyl Chloride

Concen: 49.138 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016995.D

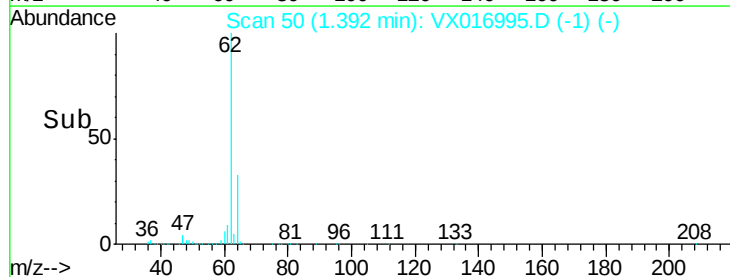
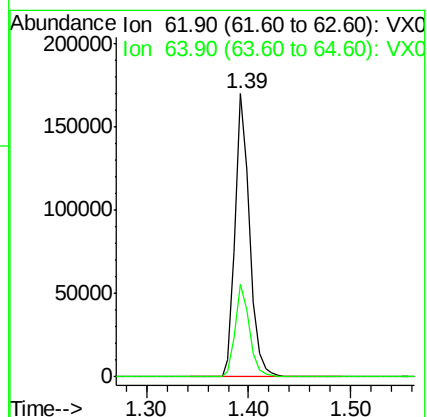
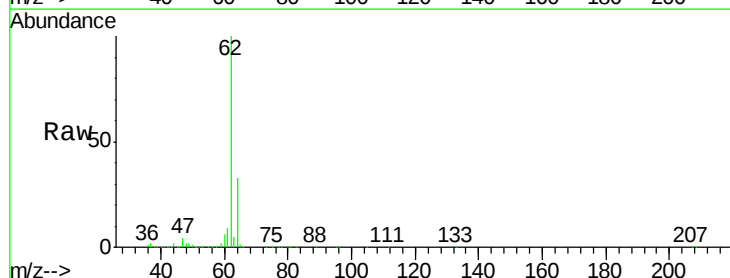
Acq: 26 Jun 2020 19:39

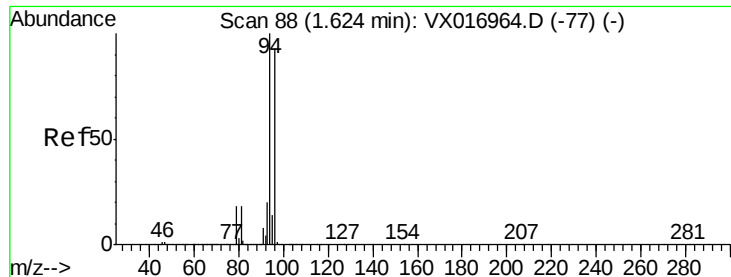
Tgt Ion: 62 Resp: 164485

Ion Ratio Lower Upper

62 100

64 32.8 26.3 39.5





#5

Bromomethane

Concen: 35.389 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

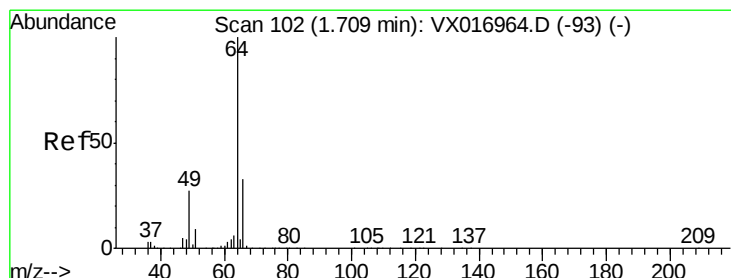
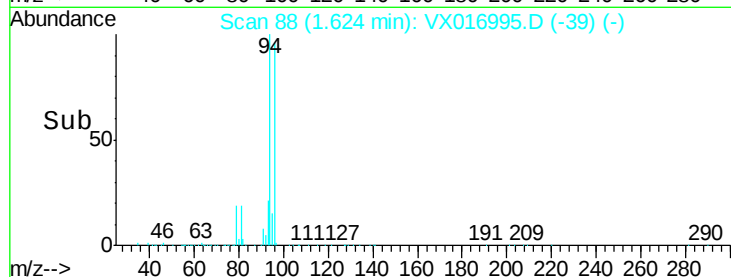
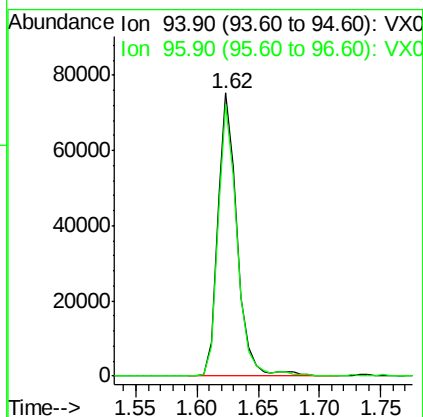
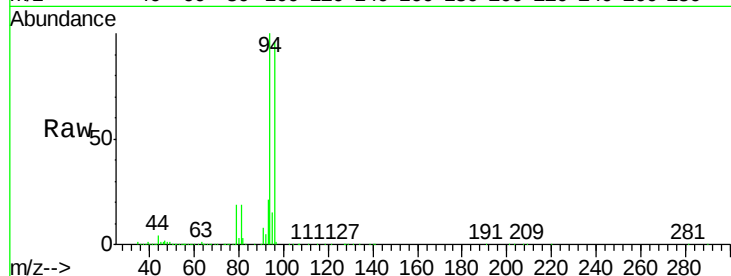
ClientSampleId :

Tot Ion: 94 Resp: 82854

Ion Ratio Lower Upper

94 100

96 95.8 74.2 111.2



#6

Chloroethane

Concen: 43.692 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016995.D

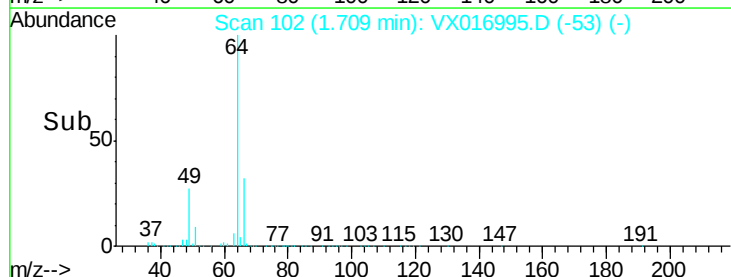
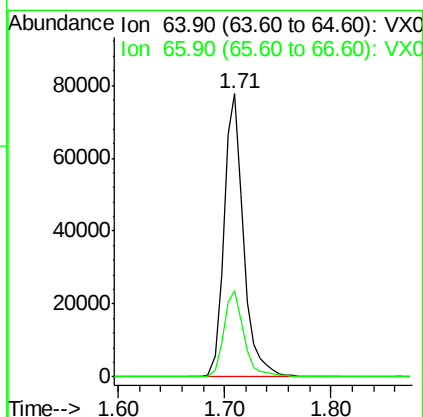
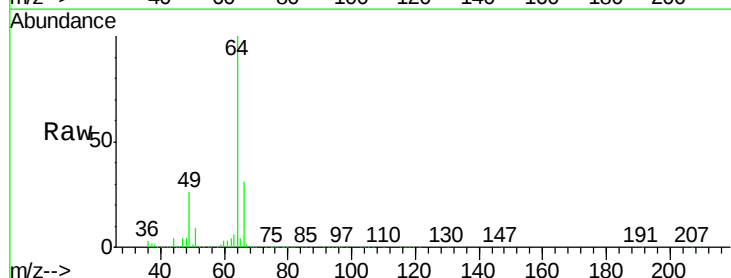
Acq: 26 Jun 2020 19:39

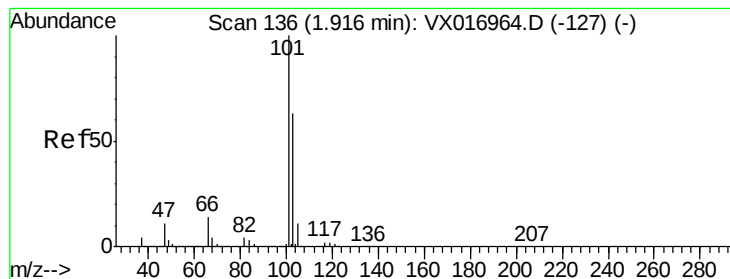
Tgt Ion: 64 Resp: 99261

Ion Ratio Lower Upper

64 100

66 30.5 26.2 39.2



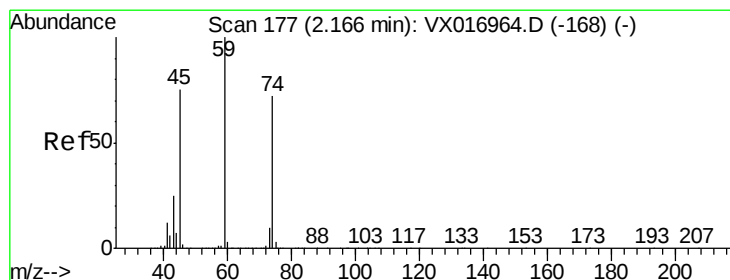
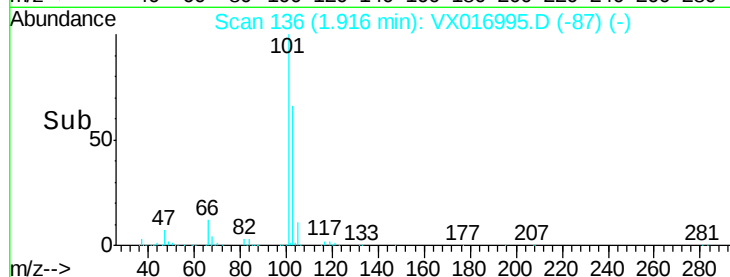
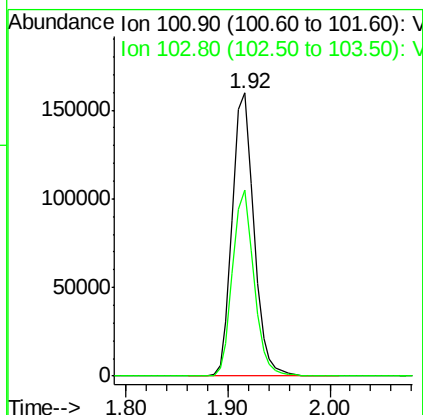
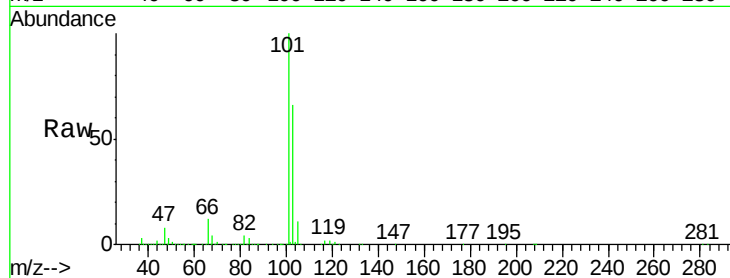


#7

Trichlorofluoromethane
Concen: 42.809 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

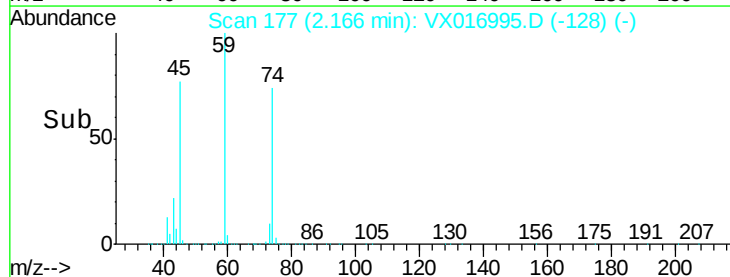
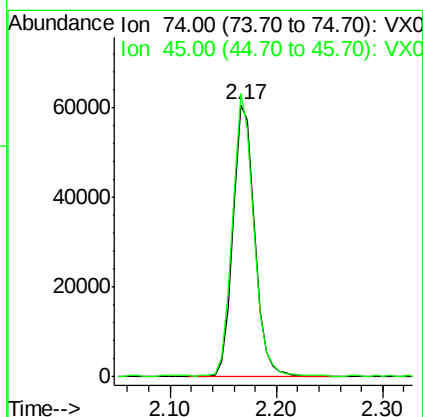
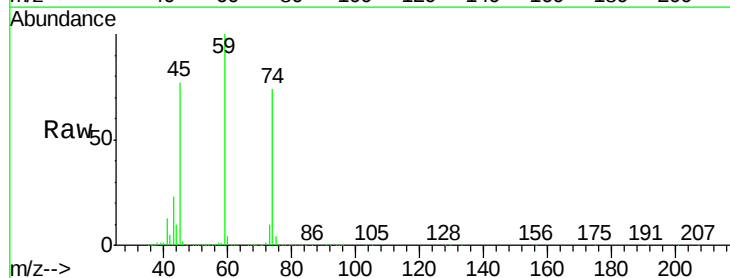
Tot Ion:101 Resp: 233757
Ion Ratio Lower Upper
101 100
103 66.0 50.2 75.4

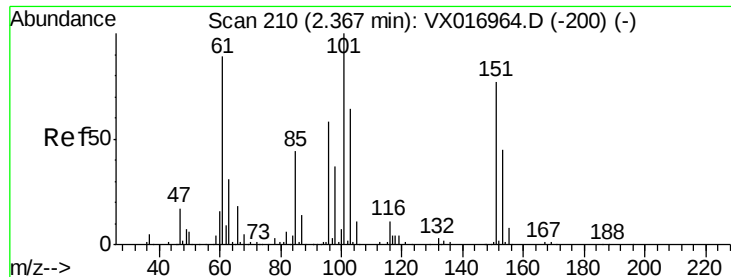


#8

Diethyl Ether
Concen: 41.436 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion: 74 Resp: 87157
Ion Ratio Lower Upper
74 100
45 101.0 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.916 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

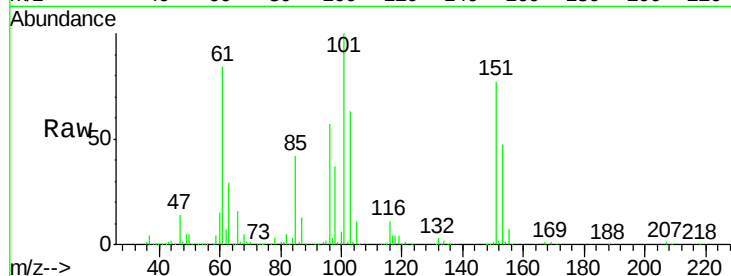
Tot Ion:101 Resp: 142972

Ion Ratio Lower Upper

101 100

85 42.9 36.8 55.2

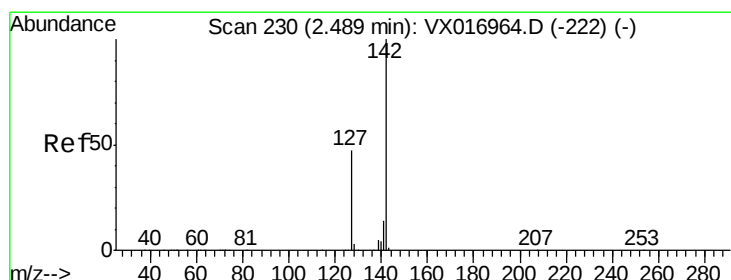
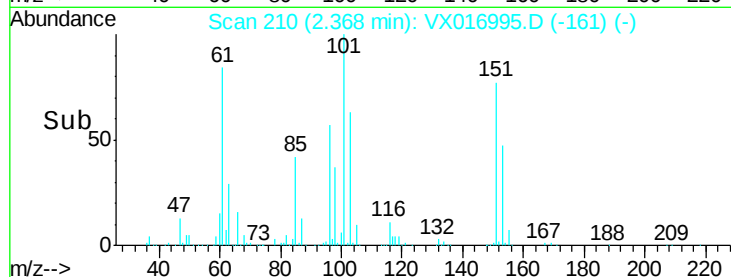
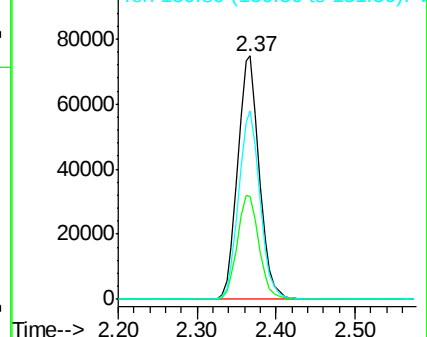
151 76.7 59.8 89.6



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: 43.754 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

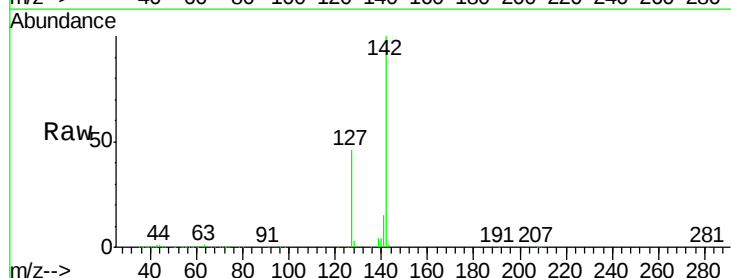
Tgt Ion:142 Resp: 159023

Ion Ratio Lower Upper

142 100

127 46.1 37.4 56.0

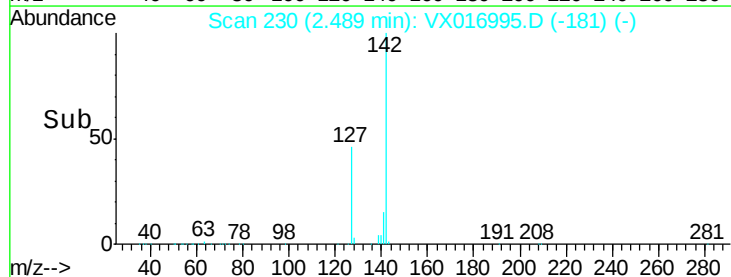
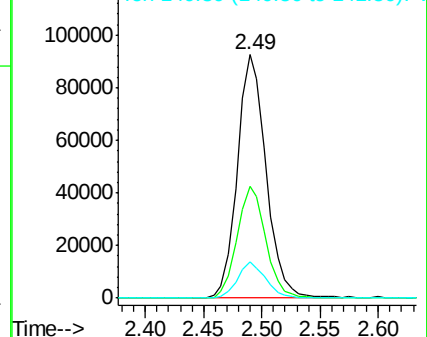
141 14.4 11.7 17.5

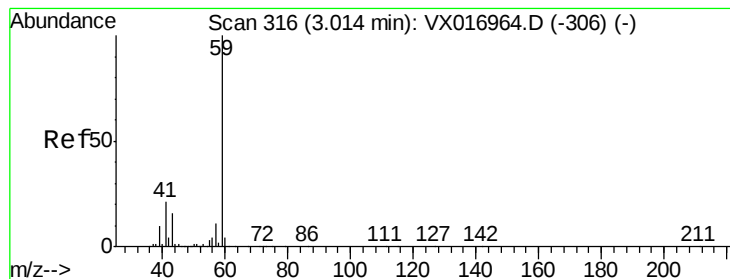


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



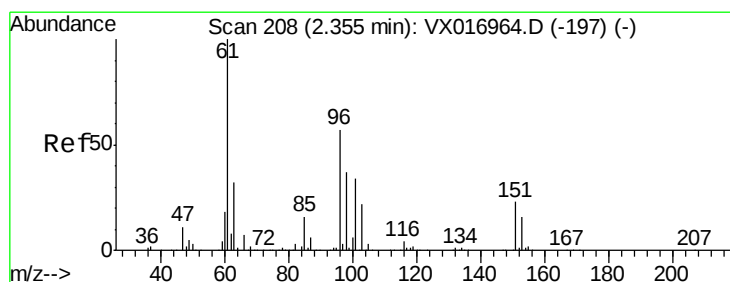
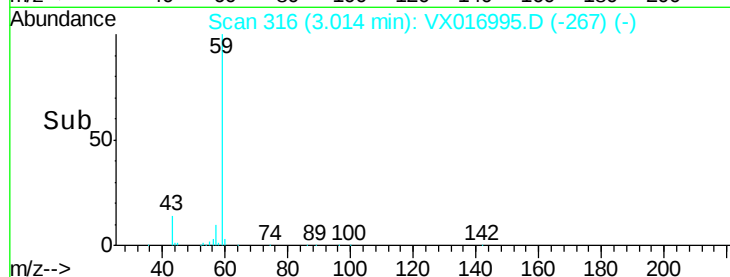
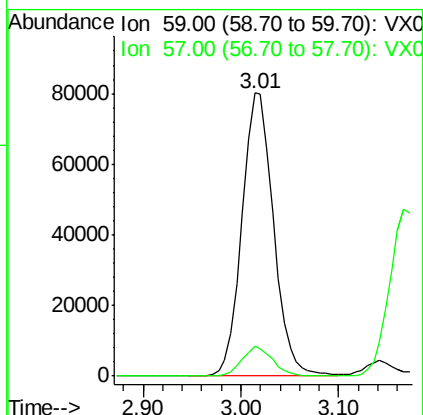
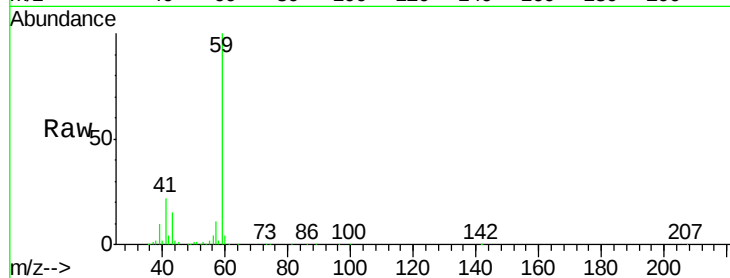


#11

Tert butyl alcohol
Concen: 236.166 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampled :

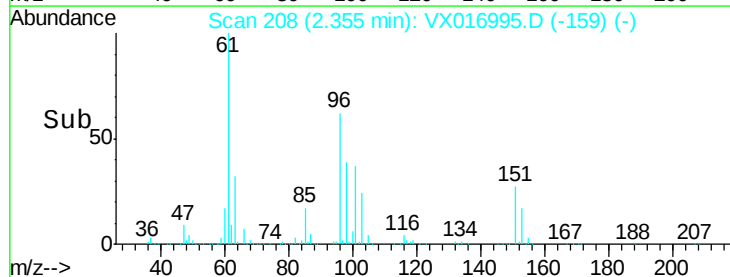
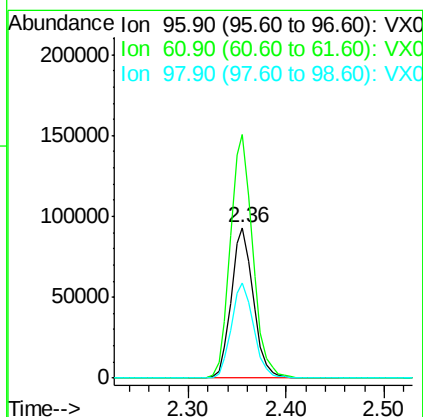
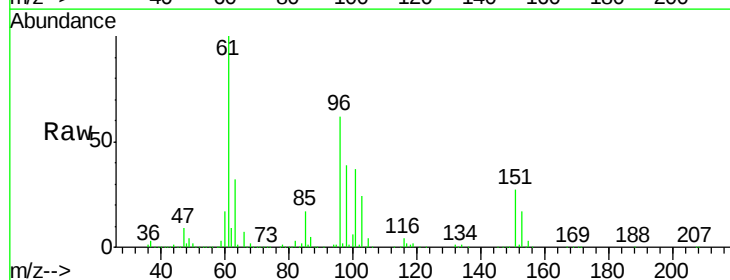
Tot Ion: 59 Resp: 179614
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

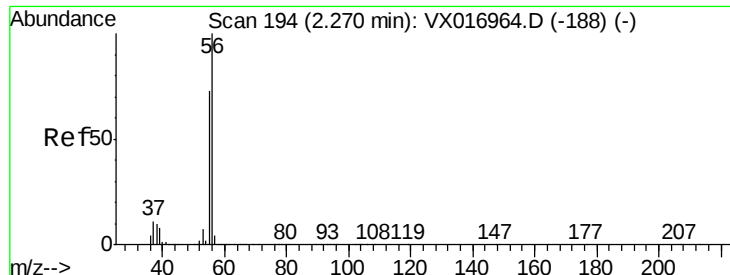


#12

1,1-Dichloroethene
Concen: 49.111 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion: 96 Resp: 145217
Ion Ratio Lower Upper
96 100
61 162.1 139.7 209.5
98 63.7 51.0 76.6





#13

Acrolein

Concen: 266.533 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

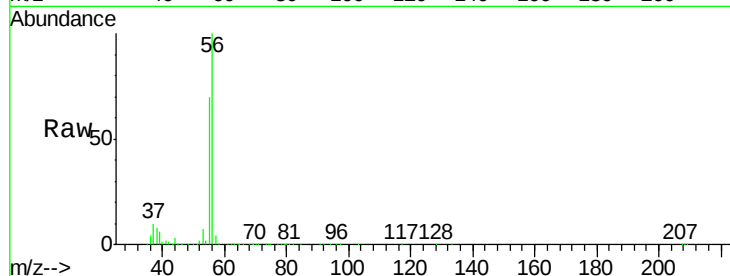
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 150245

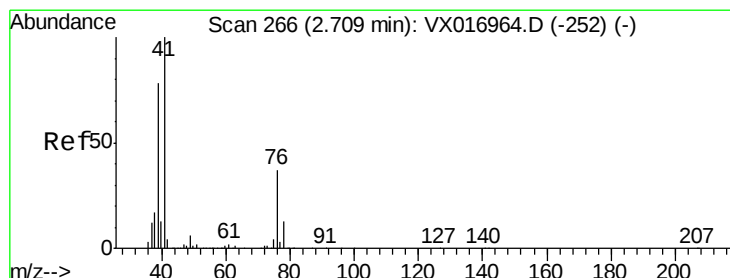
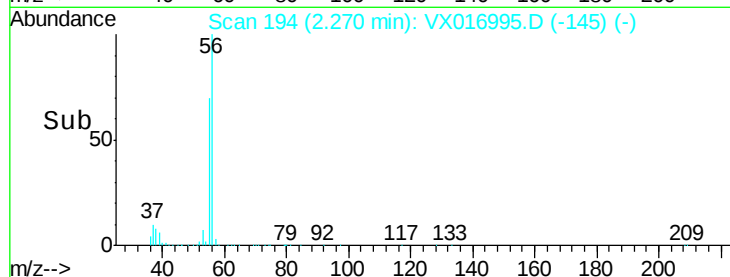
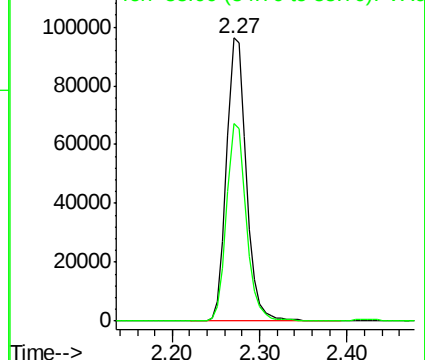
Ion Ratio Lower Upper

56 100

55 69.4 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.542 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

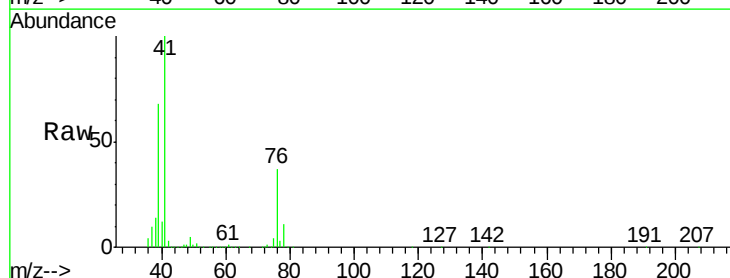
Tgt Ion: 41 Resp: 272757

Ion Ratio Lower Upper

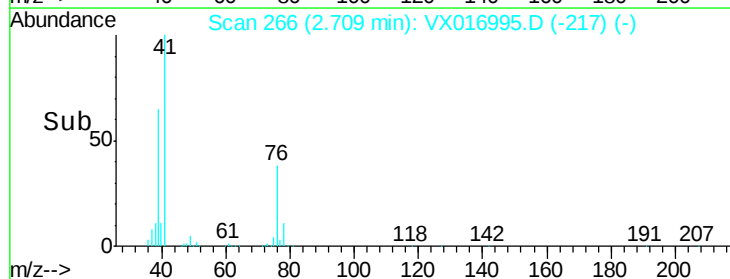
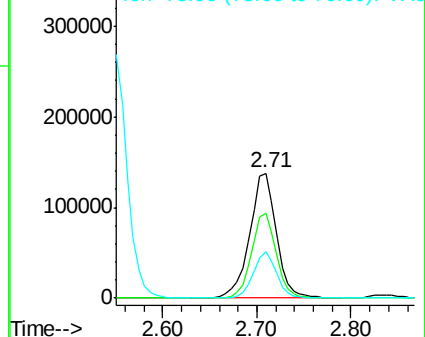
41 100

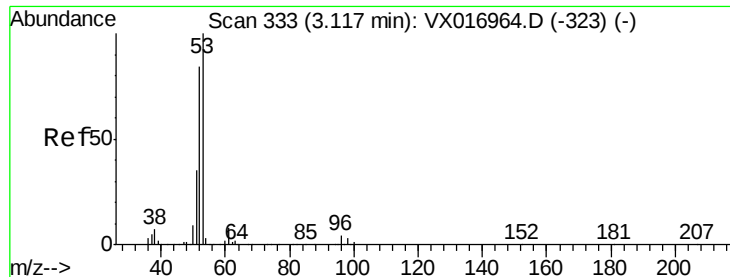
39 62.6 56.4 84.6

76 32.0 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 245.179 ug/l

RT: 3.12 min Scan# 333

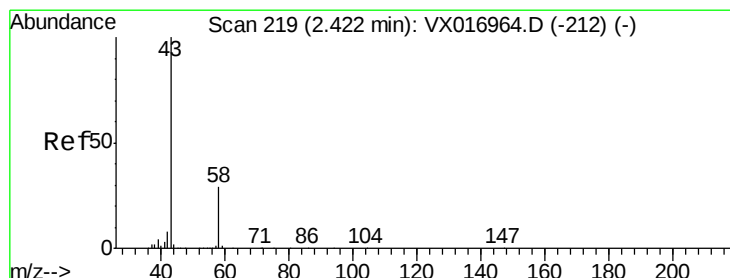
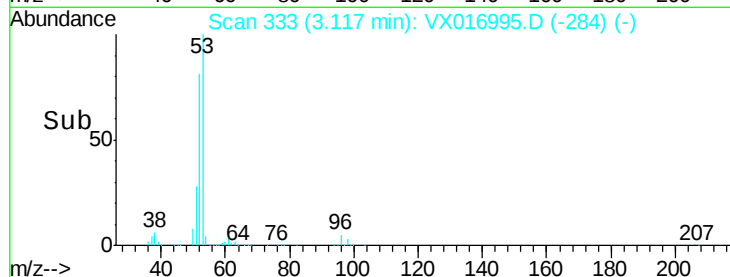
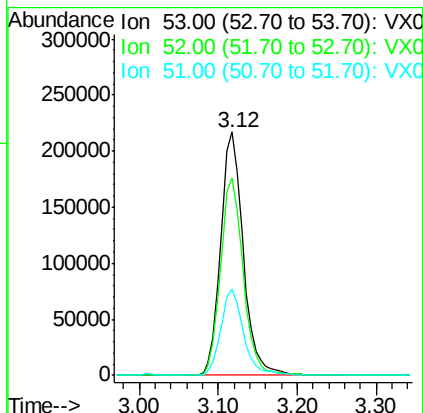
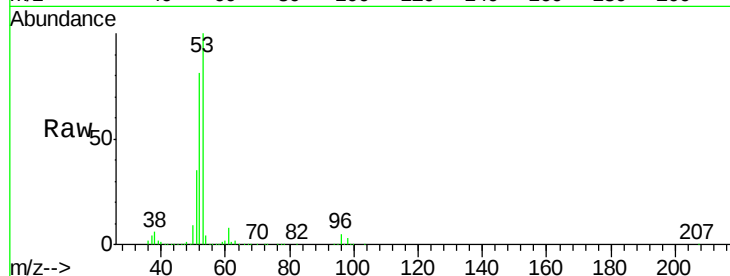
Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	432944
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.3	99.5
51	35.8	29.0	43.6



#16

Acetone

Concen: 230.306 ug/l

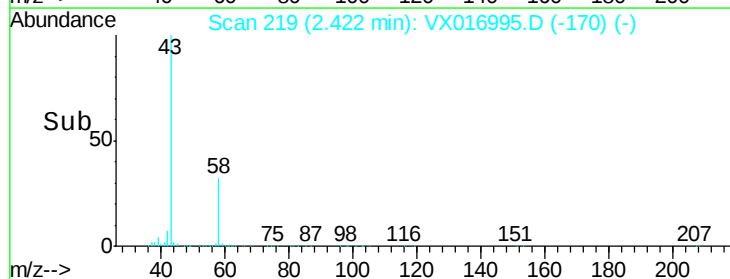
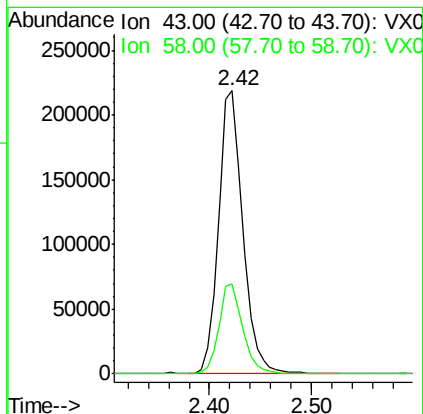
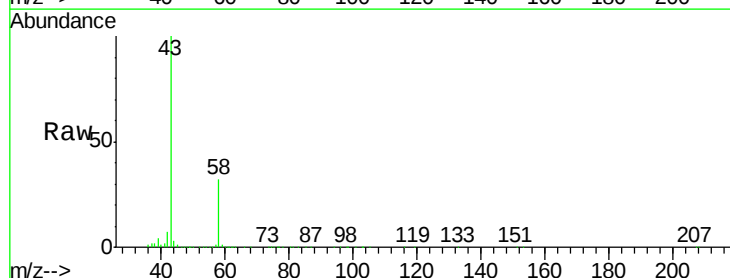
RT: 2.42 min Scan# 219

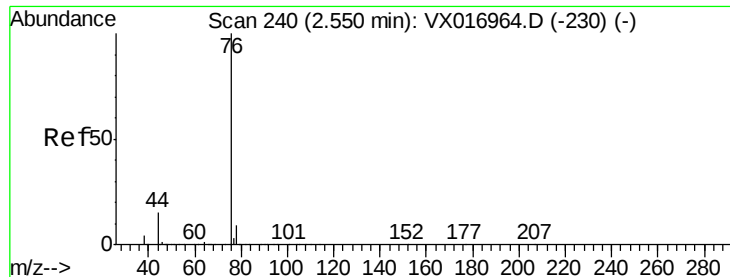
Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion:	43	Resp:	362668
Ion	Ratio	Lower	Upper
43	100		
58	31.8	23.5	35.3





#17

Carbon Disulfide

Concen: 46.255 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

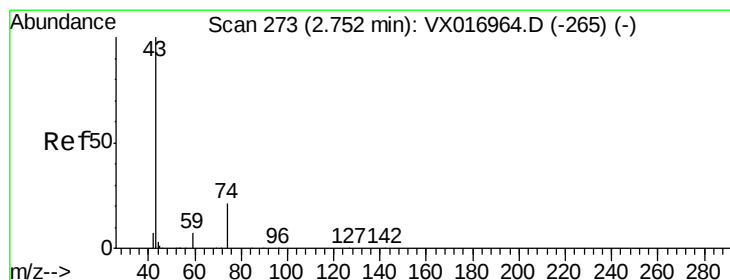
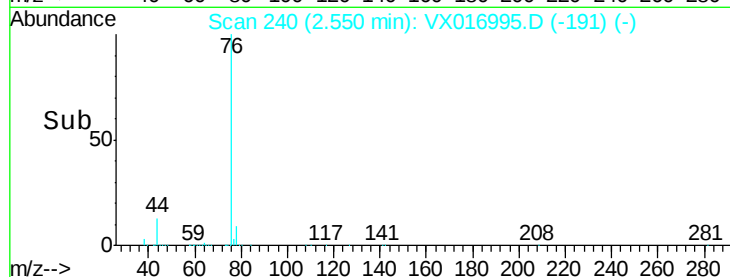
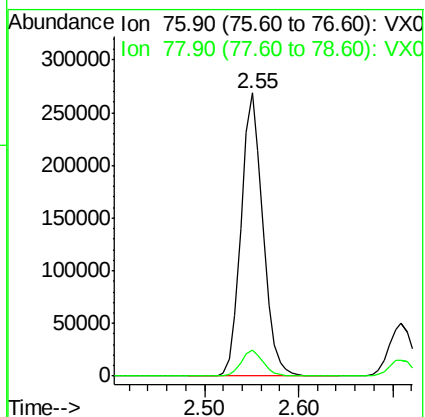
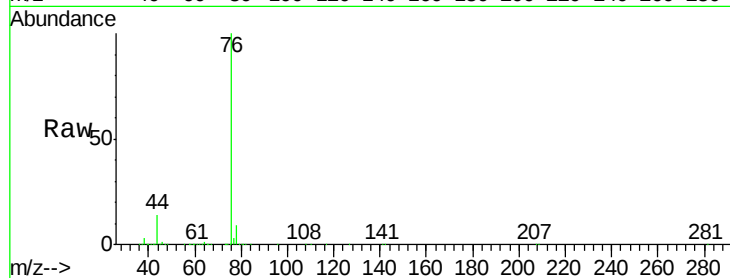
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 433691

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 48.538 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016995.D

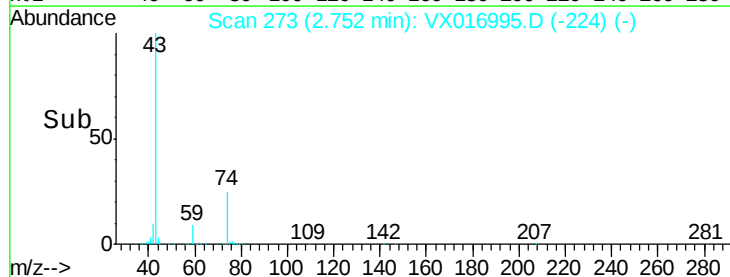
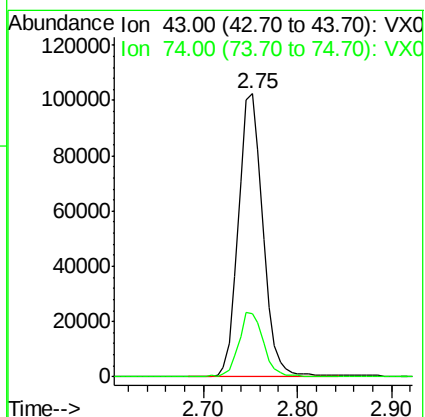
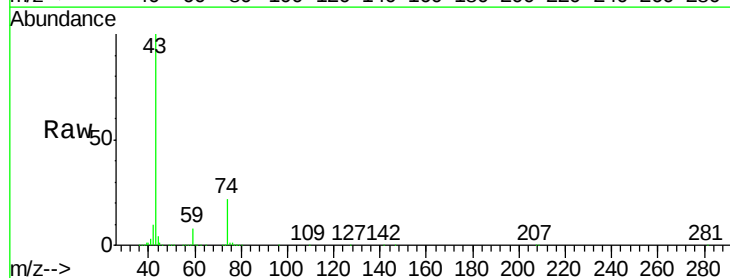
Acq: 26 Jun 2020 19:39

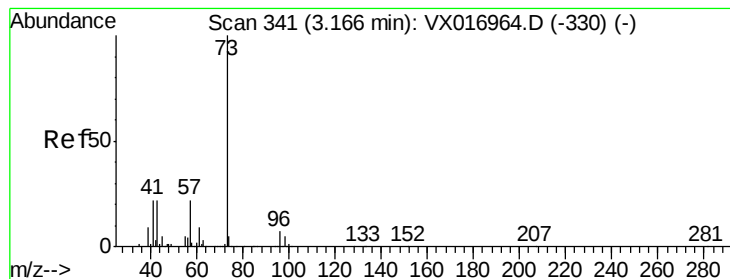
Tgt Ion: 43 Resp: 185949

Ion Ratio Lower Upper

43 100

74 23.2 18.3 27.5



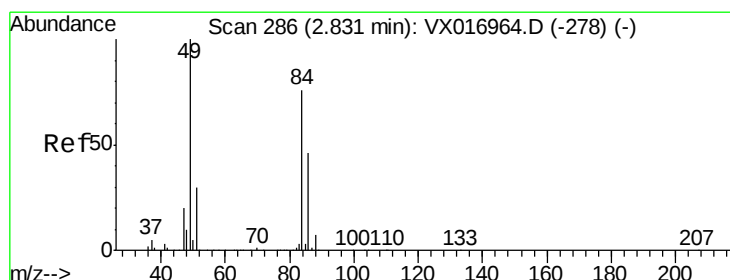
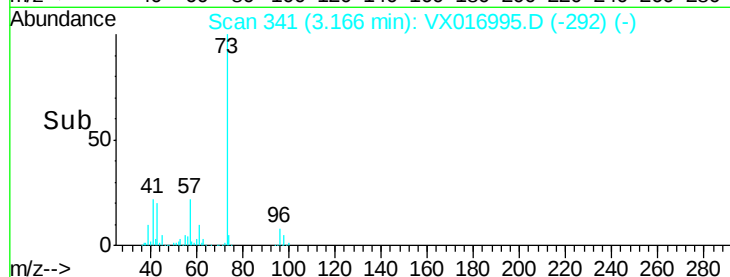
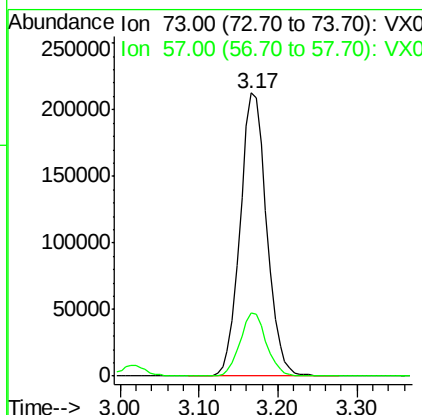
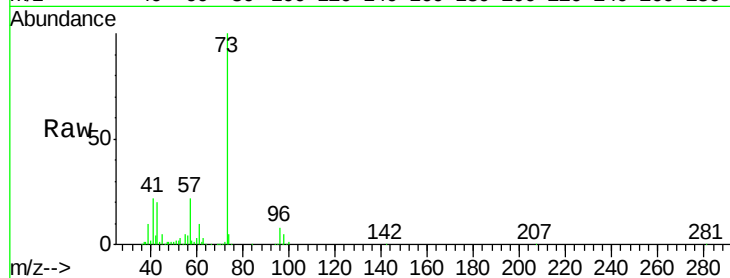


#19

Methvl tert-butvl Ether
Concen: 48.154 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

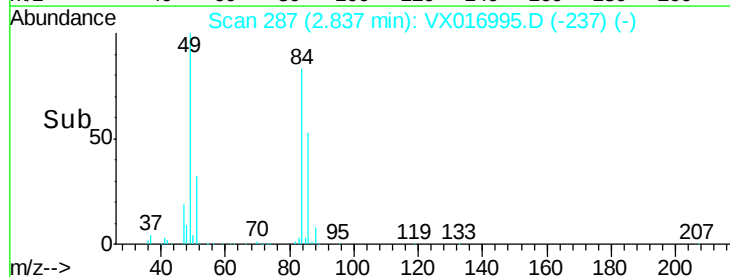
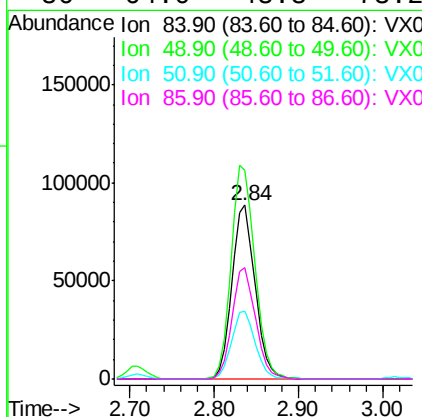
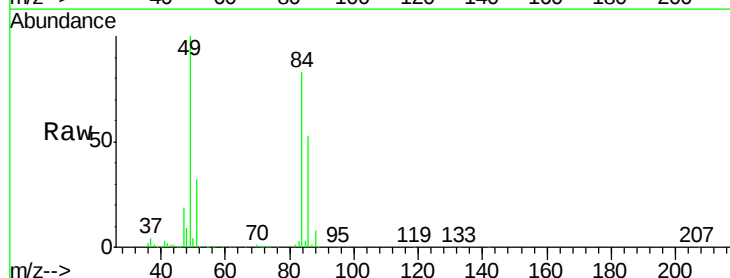
Tot Ion: 73 Resp: 497679
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8

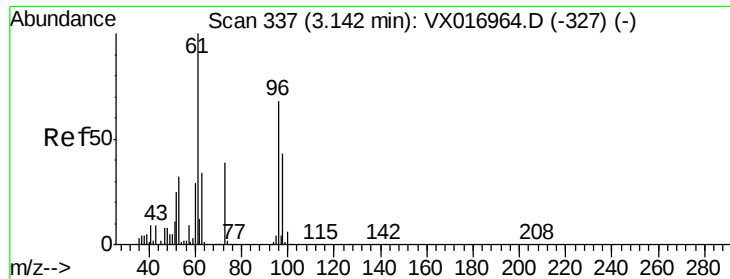


#20

Methylene Chloride
Concen: 46.182 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion: 84 Resp: 165316
Ion Ratio Lower Upper
84 100
49 120.1 105.6 158.4
51 38.9 31.2 46.8
86 64.0 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 47.979 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

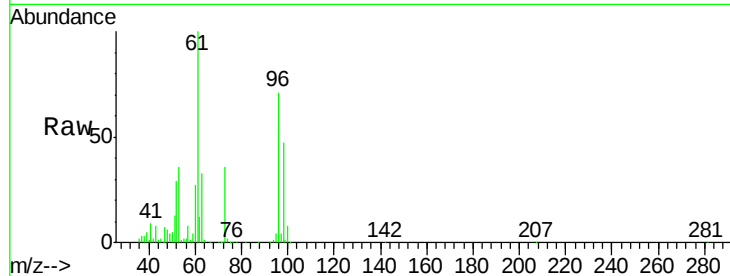
Tot Ion: 96 Resp: 160290

Ion Ratio Lower Upper

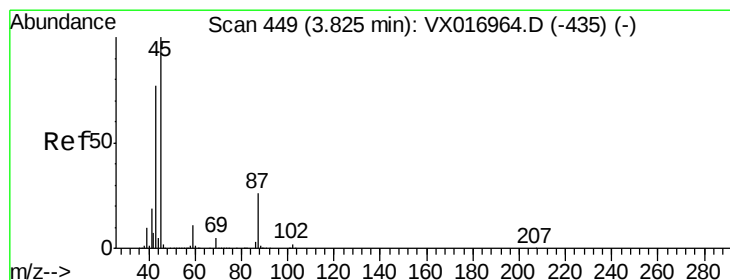
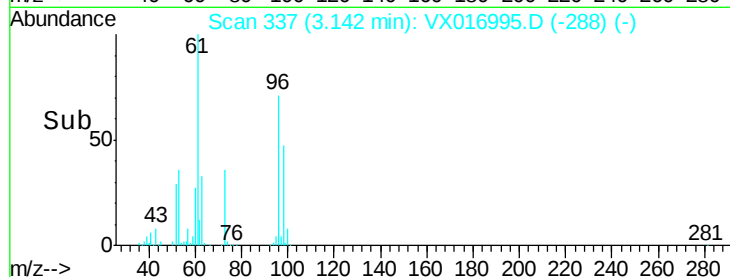
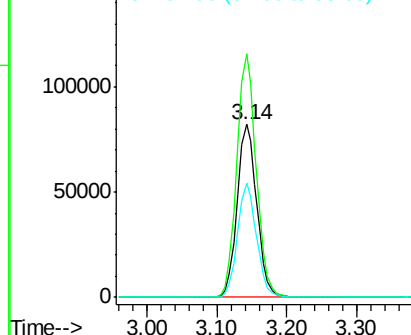
96 100

61 140.7 116.7 175.1

98 65.9 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: 49.227 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion: 45 Resp: 531336

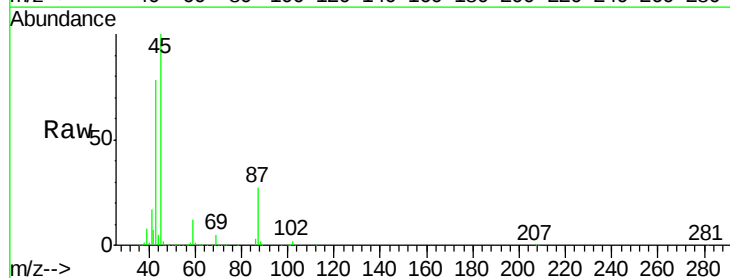
Ion Ratio Lower Upper

45 100

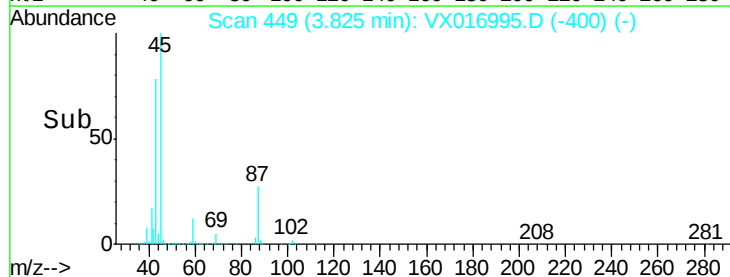
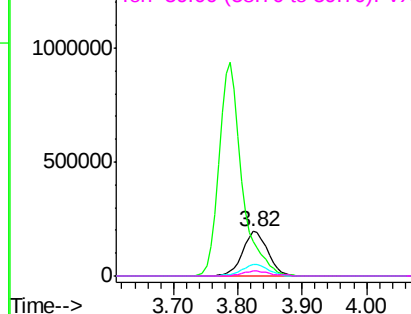
43 77.7 62.7 94.1

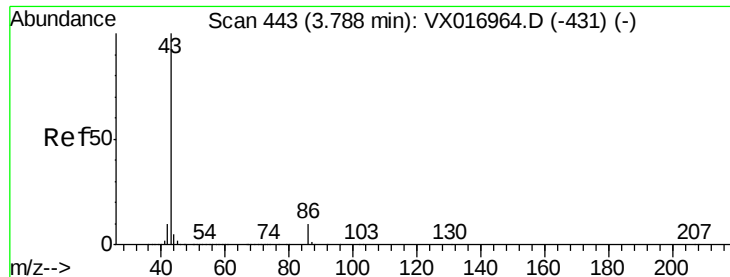
87 27.0 21.0 31.4

59 11.8 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: 247.549 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

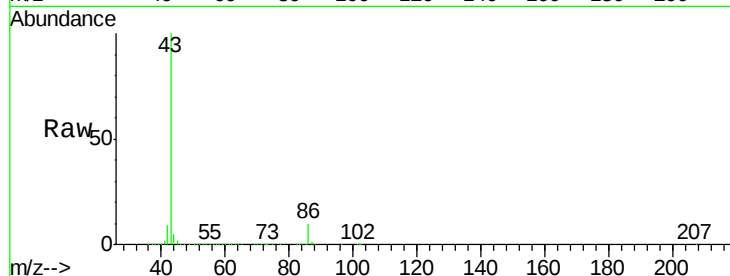
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2338429

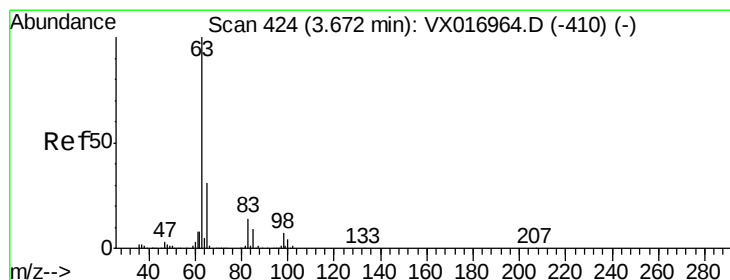
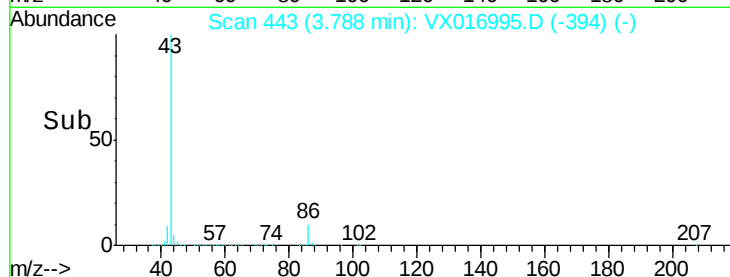
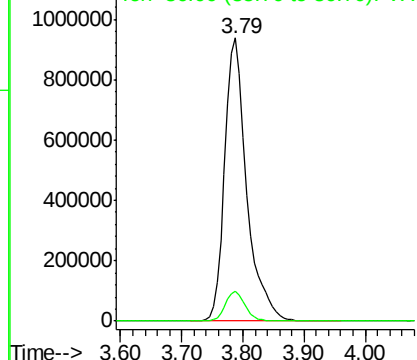
Ion Ratio Lower Upper

43 100

86 10.5 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.730 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

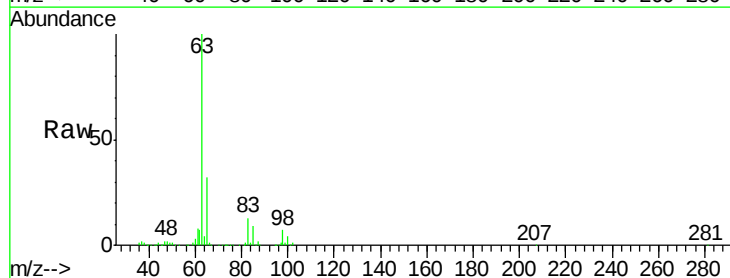
Tgt Ion: 63 Resp: 288987

Ion Ratio Lower Upper

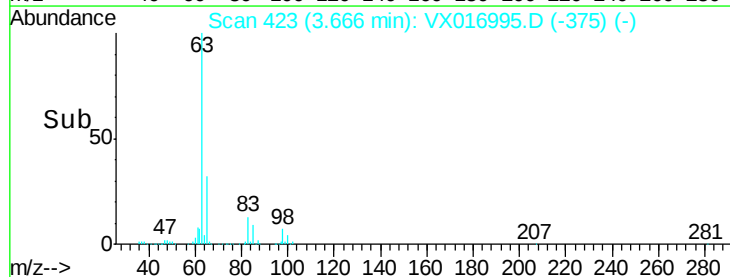
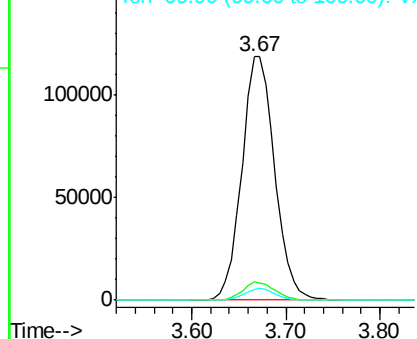
63 100

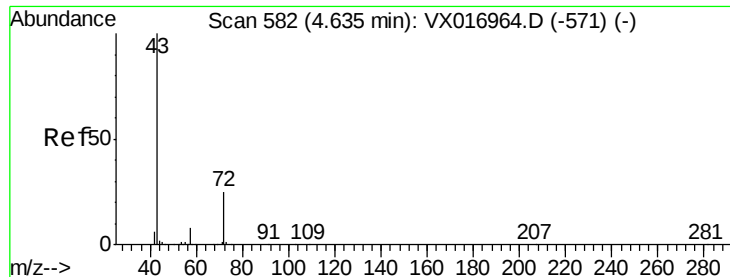
98 7.5 3.6 10.8

100 4.4 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.813 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

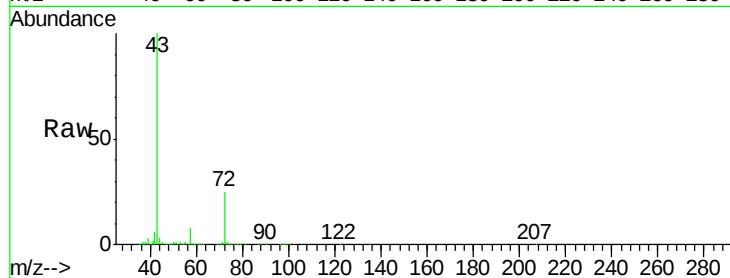
ClientSampleId :

Tot Ion: 43 Resp: 601957

Ion Ratio Lower Upper

43 100

72 25.0 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

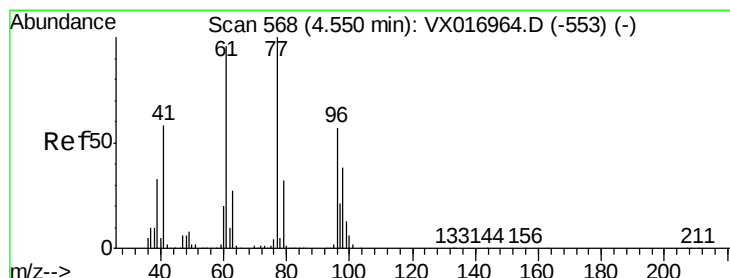
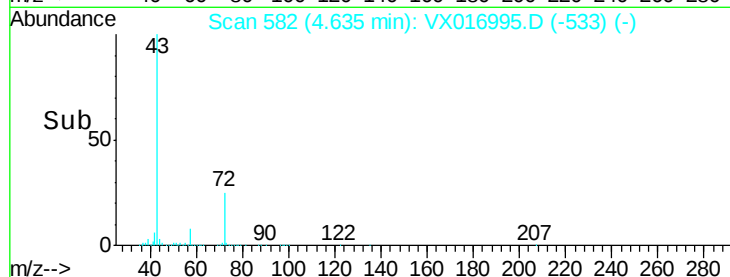
0

4.64

4.60

4.70

Time-->



#26

2,2-Dichloropropane

Concen: 41.851 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016995.D

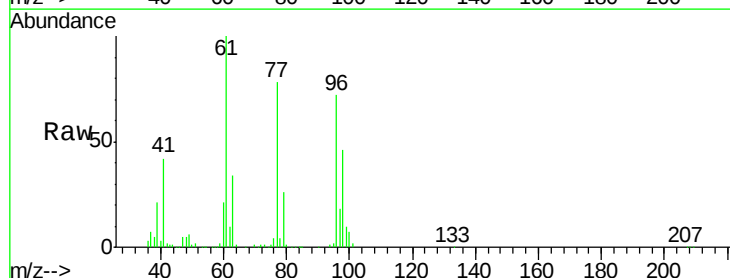
Acq: 26 Jun 2020 19:39

Tgt Ion: 77 Resp: 204971

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

20000

0

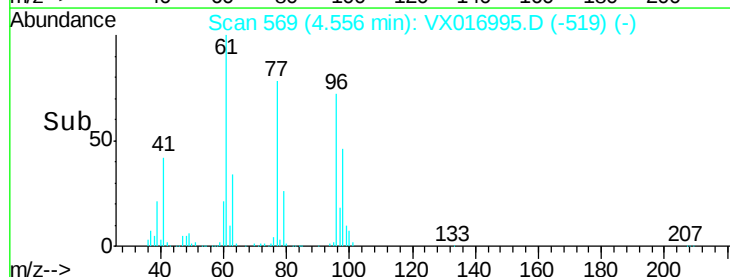
4.56

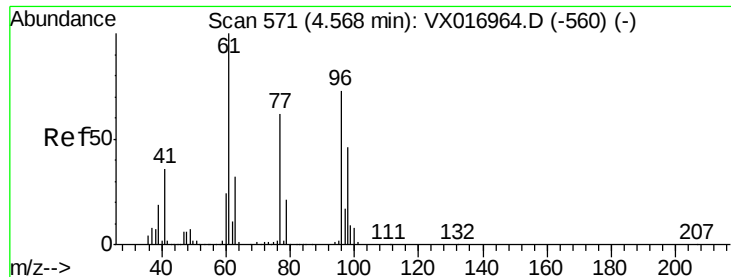
4.40

4.60

4.70

Time-->



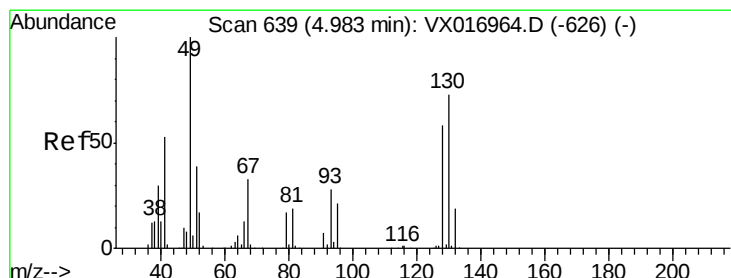
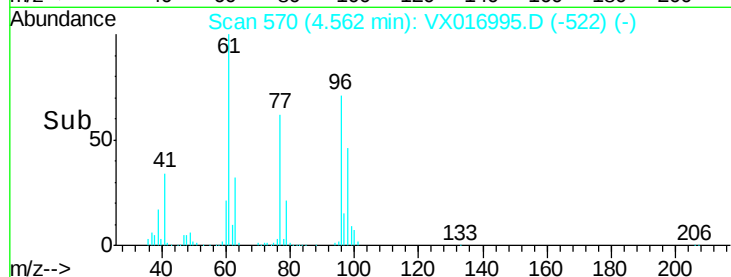
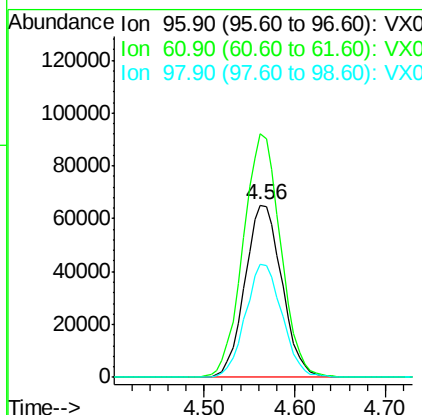
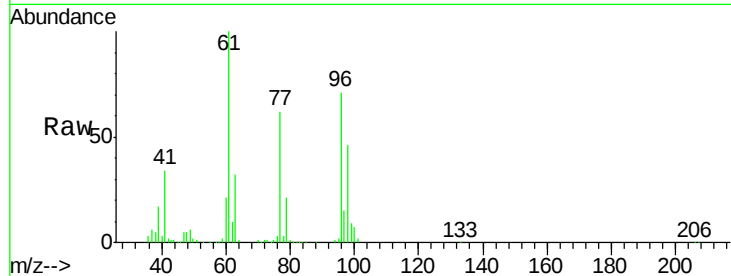


#27

cis-1,2-Dichloroethene
Concen: 49.838 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

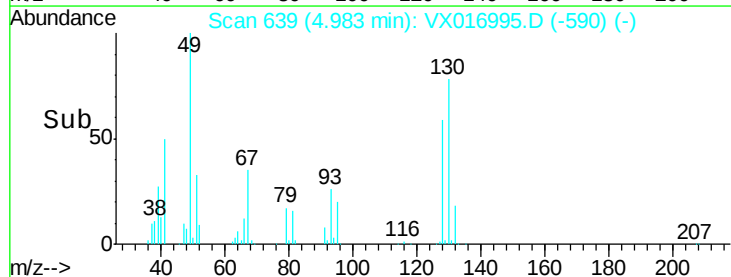
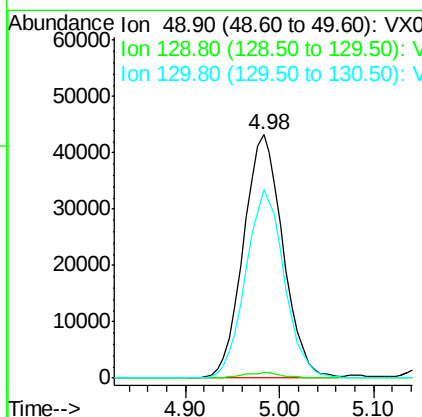
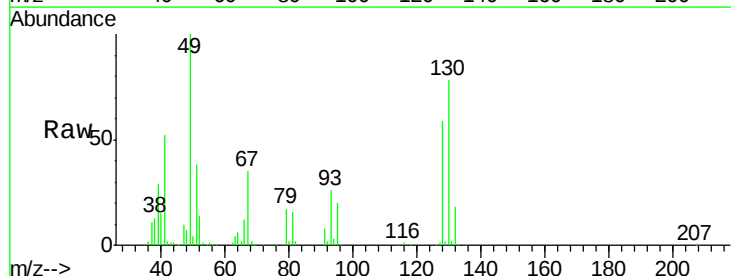
Tot Ion	96	Resp	183989
Ion Ratio	Lower	Upper	
96	100		
61	143.4	0.0	307.2
98	65.3	0.0	128.4

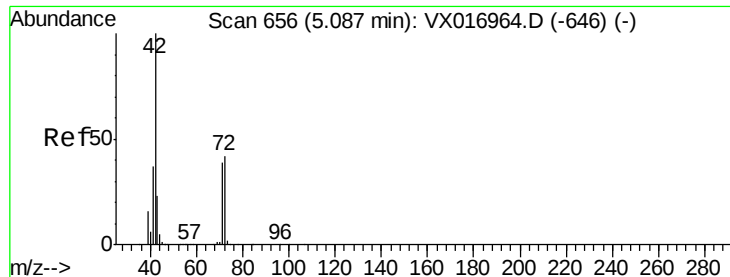


#28

Bromochloromethane
Concen: 45.041 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	49	Resp	127433
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	4.4
130	75.7	58.7	88.1

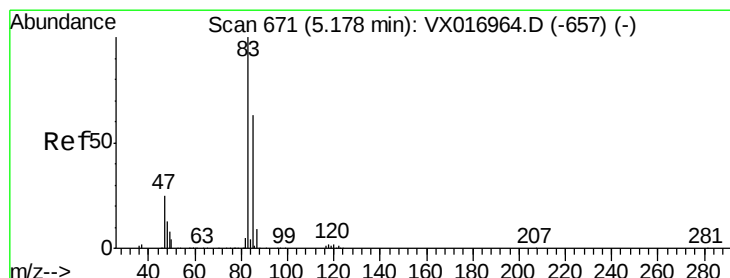
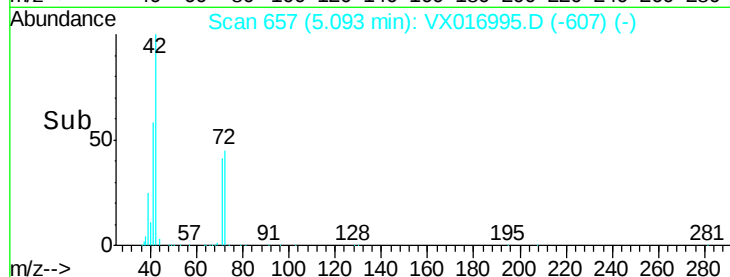
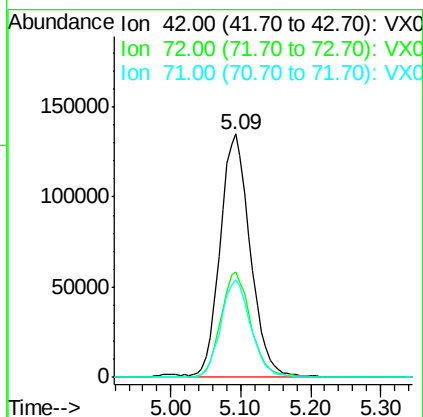
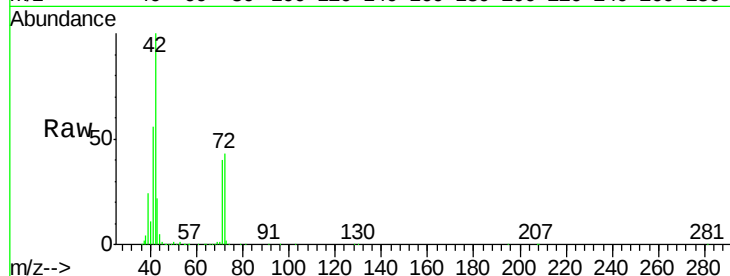




#29
Tetrahydrofuran
Concen: 254.569 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

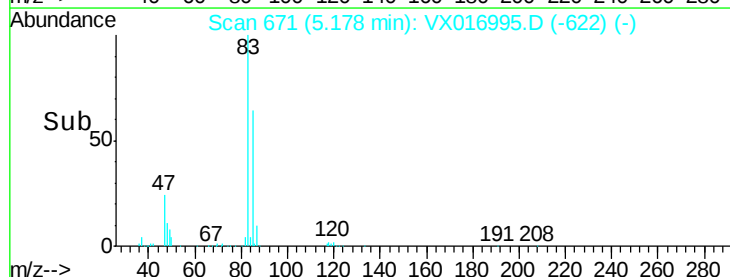
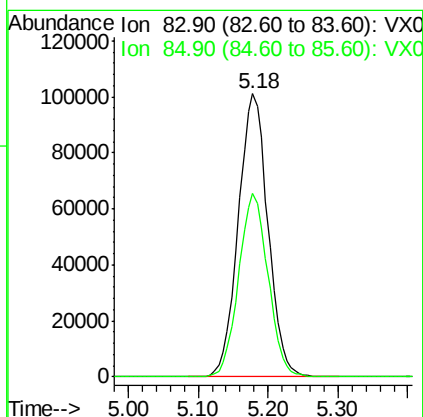
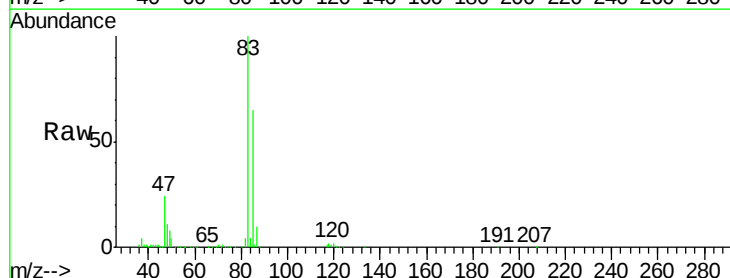
Instrument :
MSVOA_X
ClientSampleId :

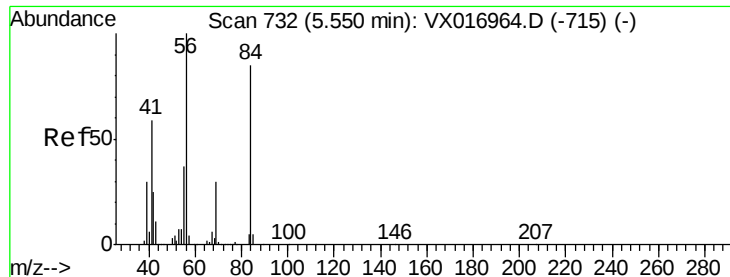
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.1	51.1
71	39.9	32.1	48.1



#30
Chloroform
Concen: 48.966 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.7	76.1

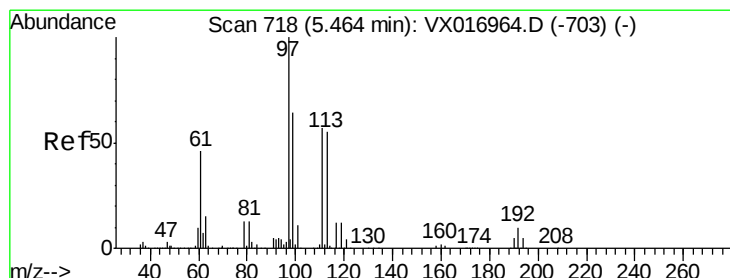
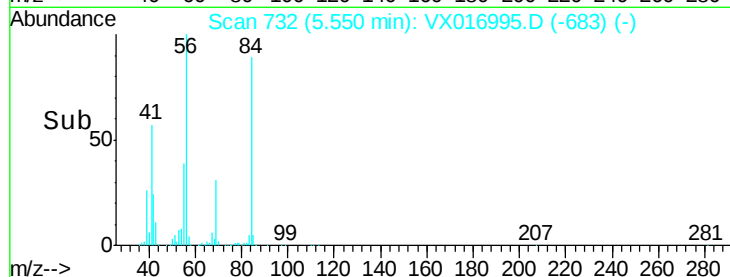
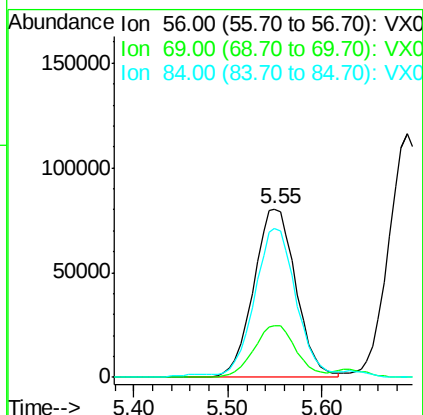
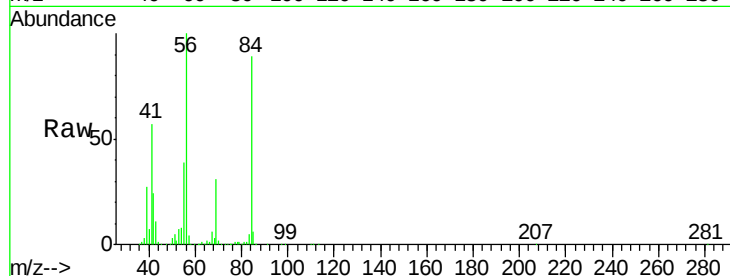




#31
Cyclohexane
Concen: 49.969 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

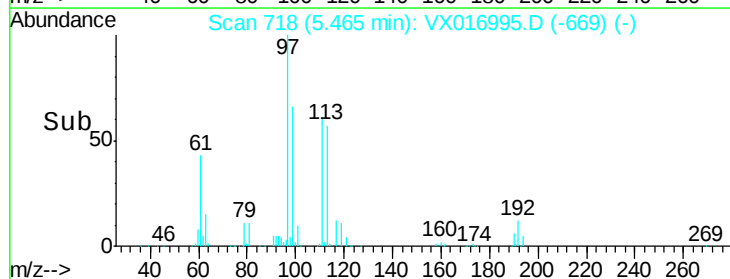
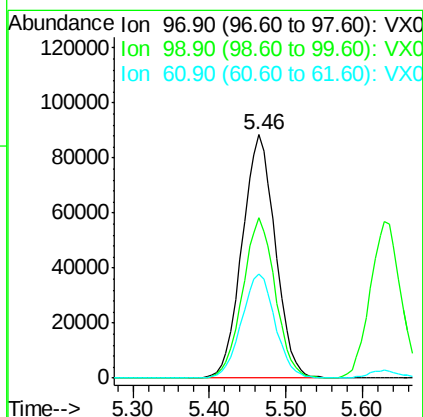
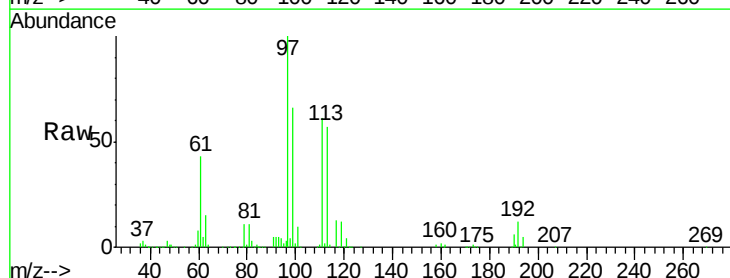
Instrument :
MSVOA_X
ClientSampleId :

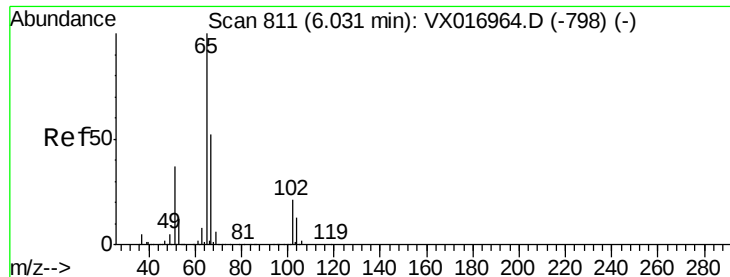
Tot Ion: 56 Resp: 252733
Ion Ratio Lower Upper
56 100
69 30.6 23.6 35.4
84 86.8 67.8 101.8



#32
1,1,1-Trichloroethane
Concen: 48.957 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion: 97 Resp: 266703
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 43.4 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 46.426 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

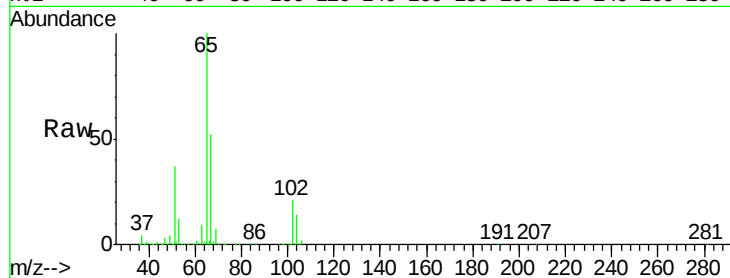
ClientSampleId :

Tot Ion: 65 Resp: 187026

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

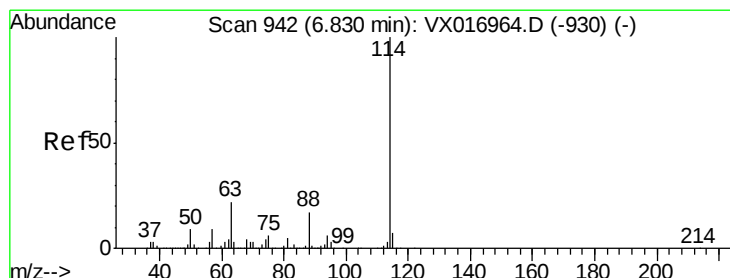
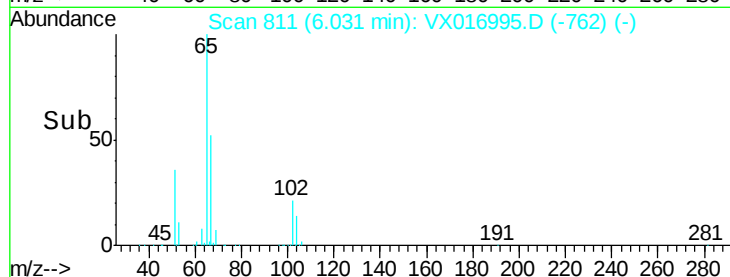
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

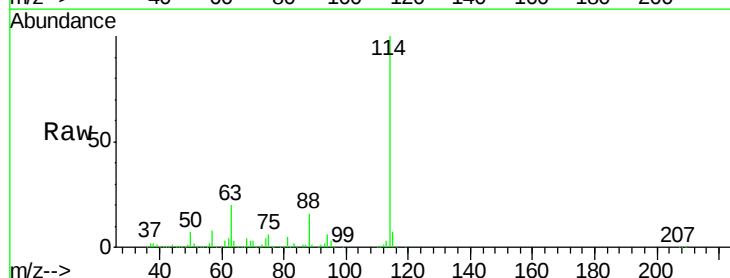
Tgt Ion: 114 Resp: 451093

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

88 16.0 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

250000

200000

150000

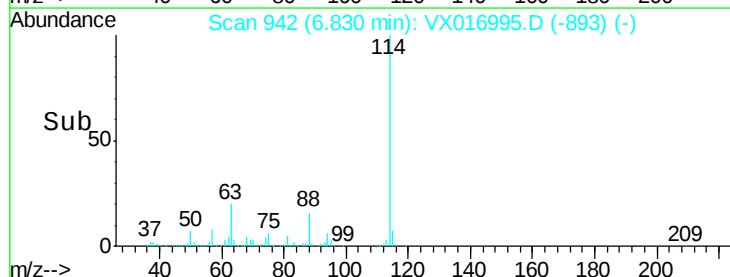
100000

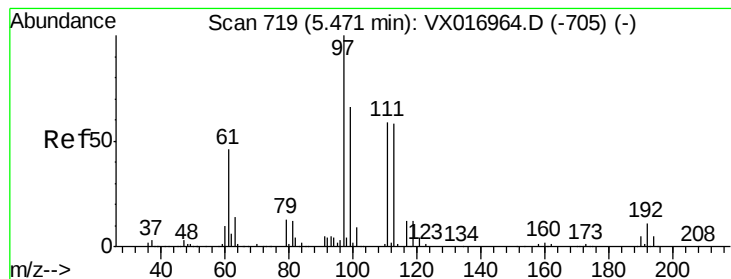
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.750 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

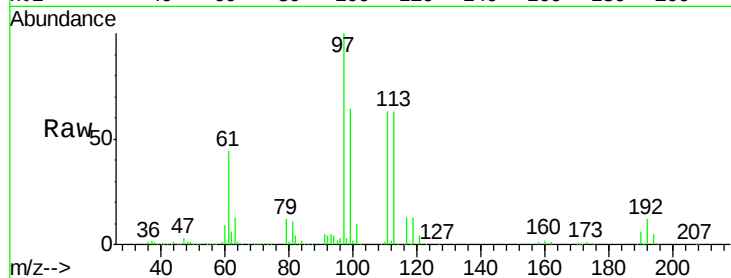
Tot Ion:113 Resp: 148225

Ion Ratio Lower Upper

113 100

111 103.4 84.3 126.5

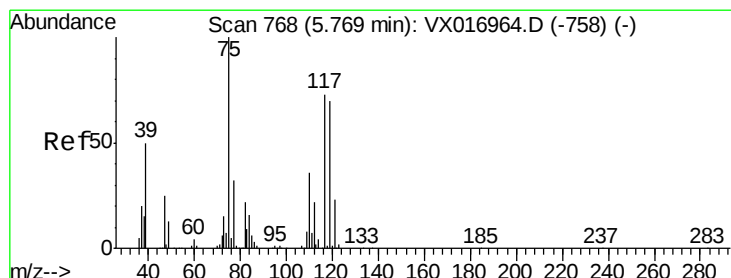
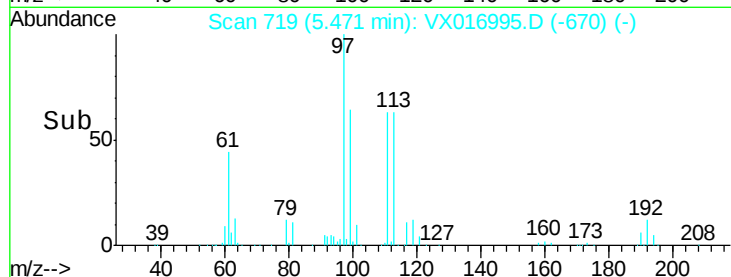
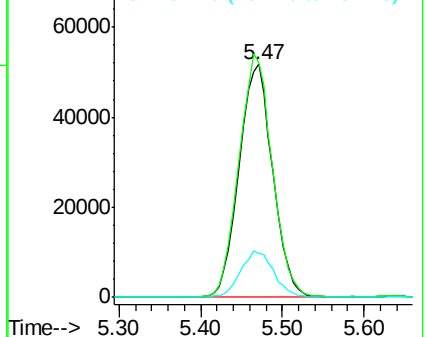
192 19.5 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.208 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

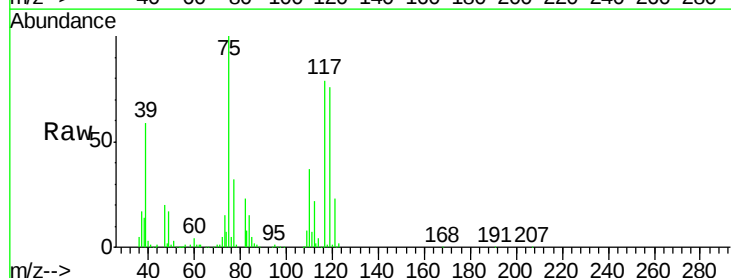
Tgt Ion: 75 Resp: 219791

Ion Ratio Lower Upper

75 100

110 35.6 17.2 51.6

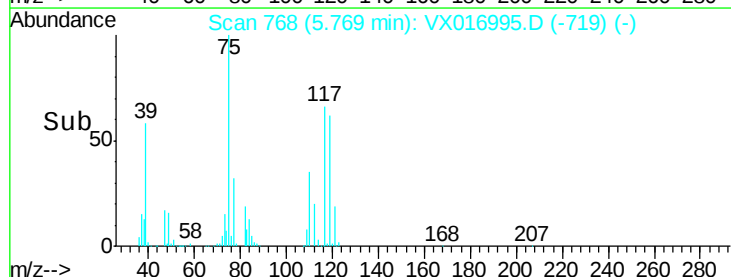
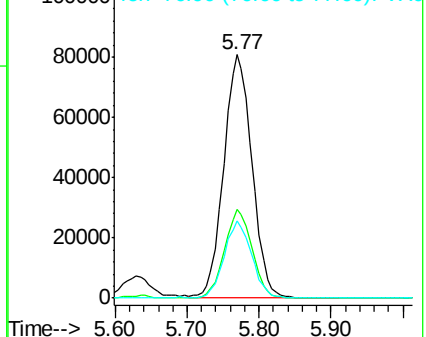
77 30.9 24.7 37.1

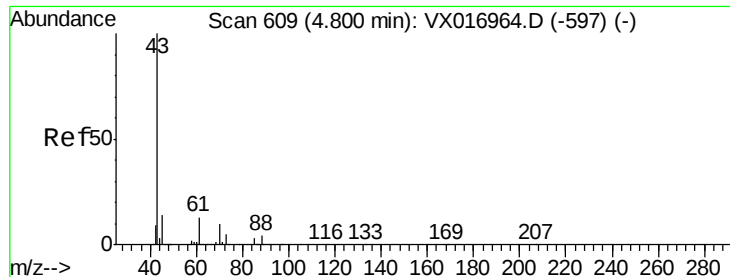


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

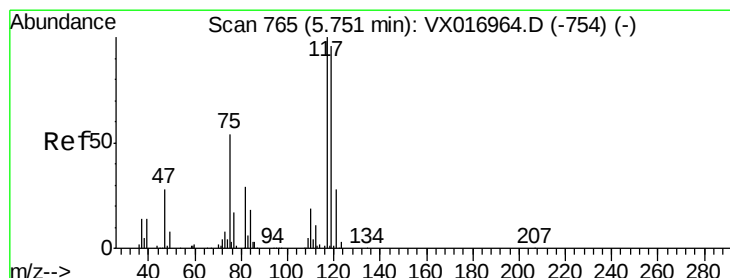
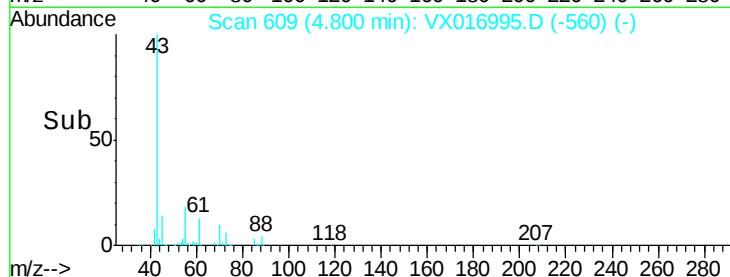
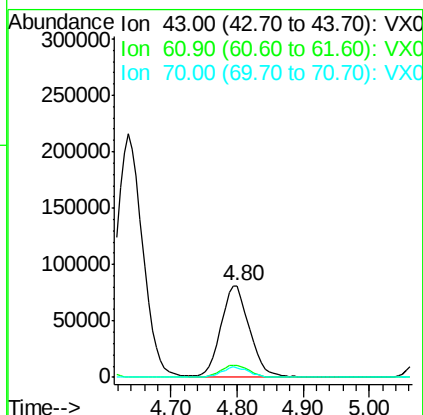
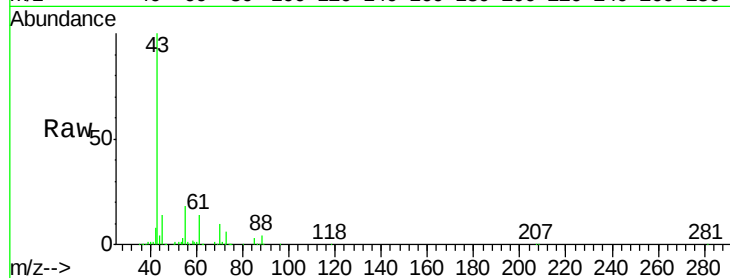




#37
Ethyl Acetate
Concen: 50.595 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

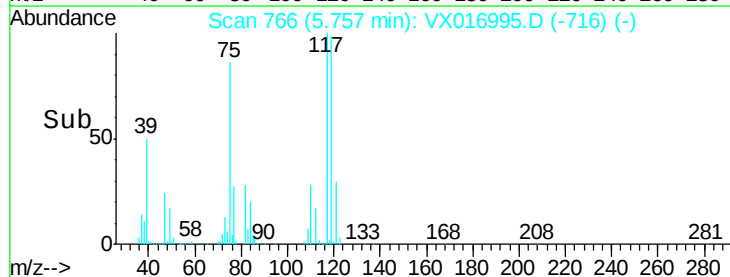
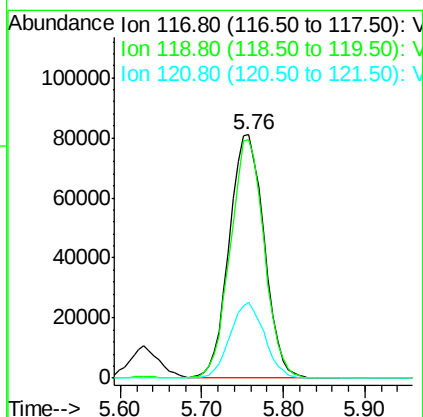
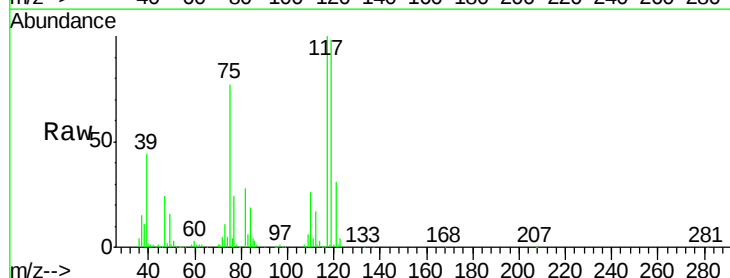
Instrument :
MSVOA_X
ClientSampled :

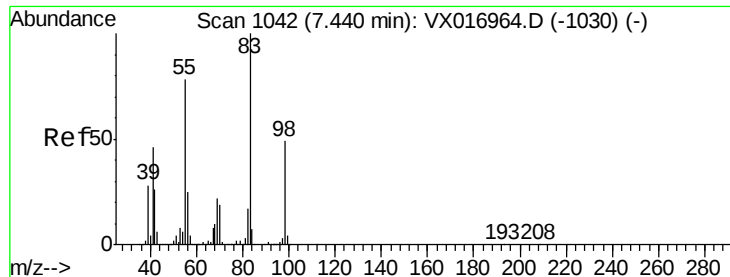
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	10.8	8.0	12.0



#38
Carbon Tetrachloride
Concen: 50.716 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.6	114.8
121	31.2	22.5	33.7

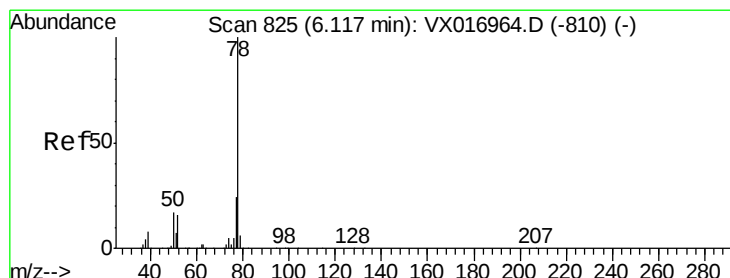
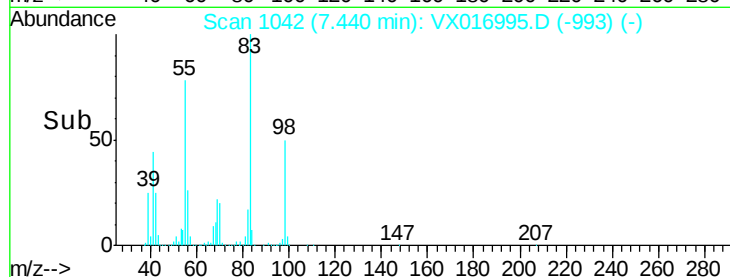
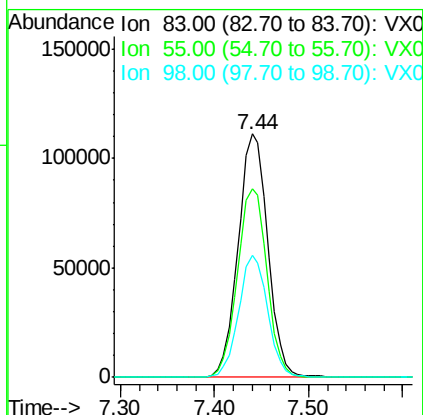
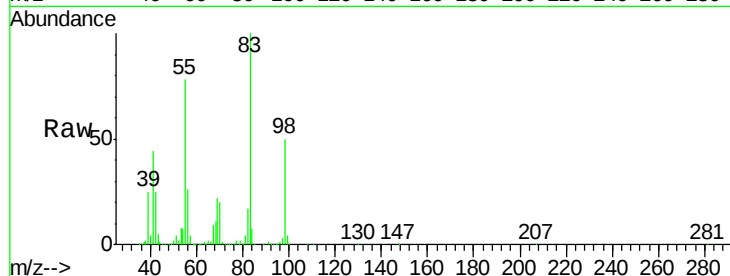




#39
Methvlcvclohexane
Concen: 50.800 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

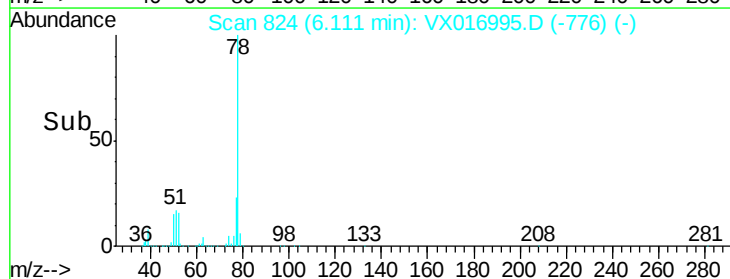
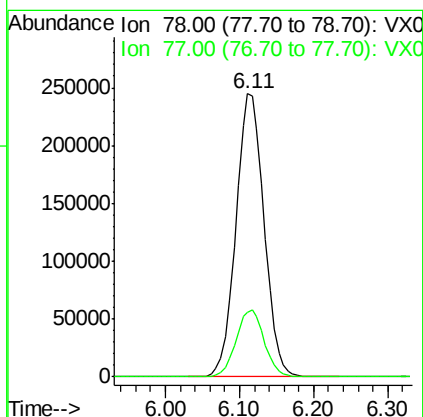
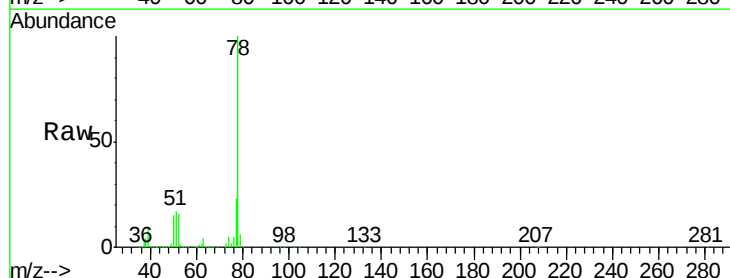
Instrument :
MSVOA_X
ClientSampled :

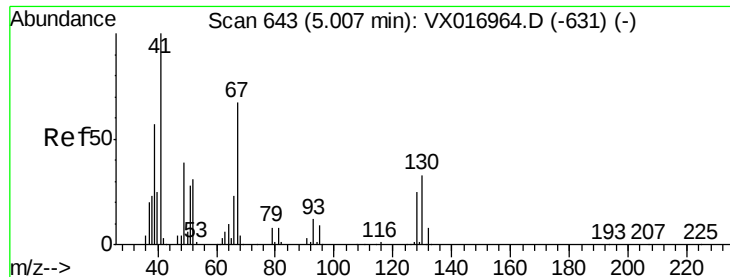
Tot Ion: 83 Resp: 245537
Ion Ratio Lower Upper
83 100
55 77.5 62.4 93.6
98 50.3 39.4 59.0



#40
Benzene
Concen: 50.305 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion: 78 Resp: 647074
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3

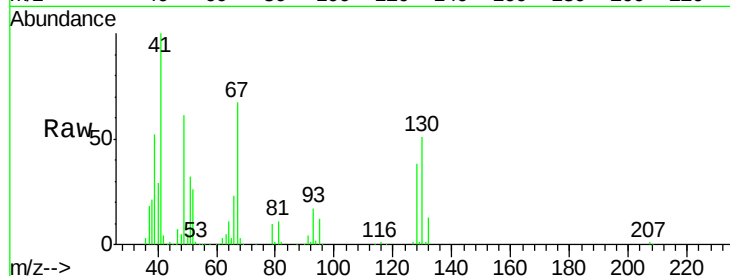




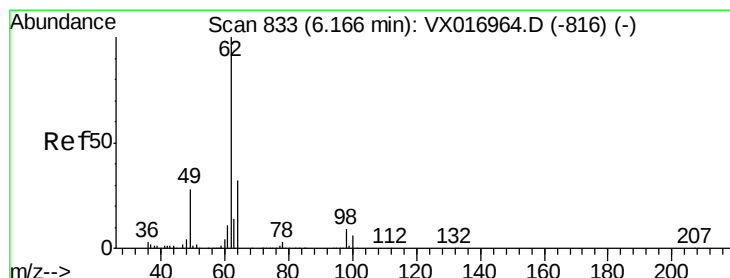
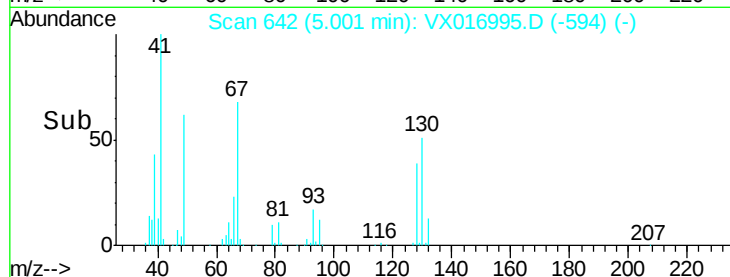
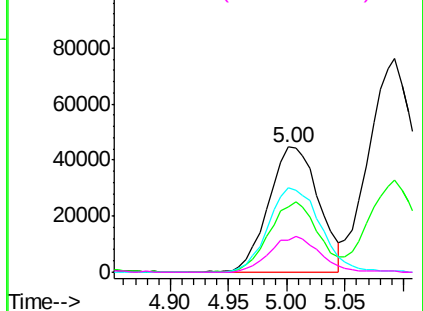
#41
Methacrylonitrile
Concen: 49.461 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	132301
Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.6	70.0
67	71.2	57.0	85.6
52	28.4	25.0	37.4

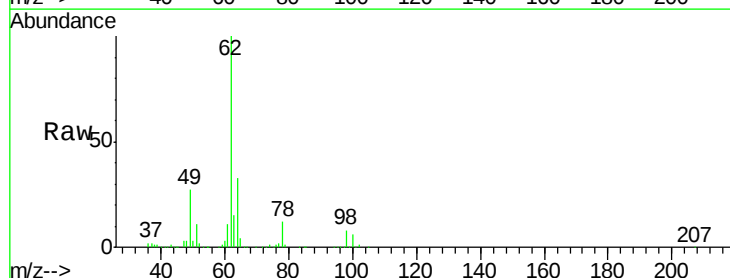


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

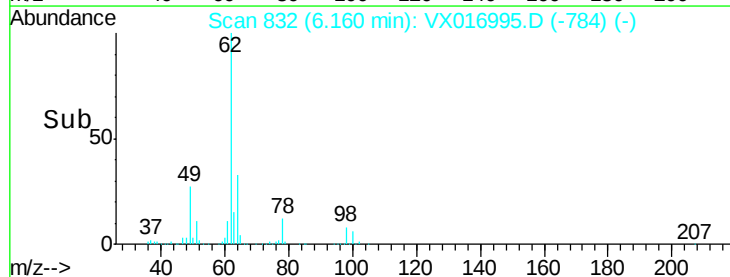
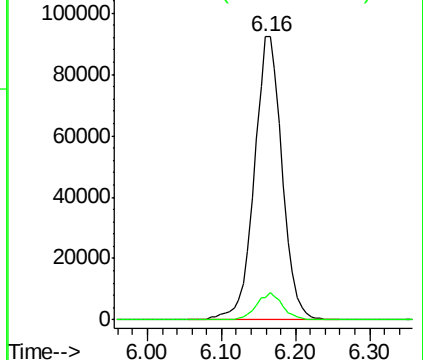


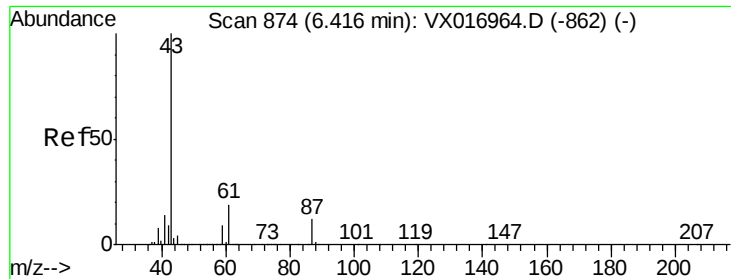
#42
1,2-Dichloroethane
Concen: 47.804 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion:	62	Resp:	241590
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.2



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



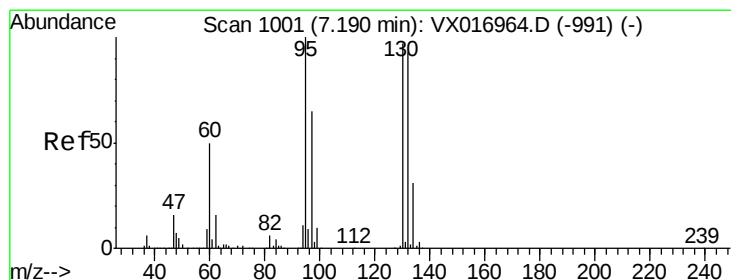
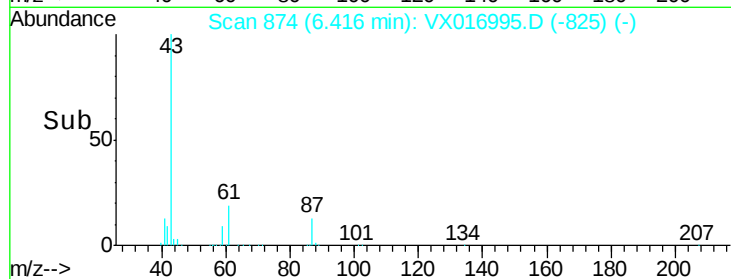
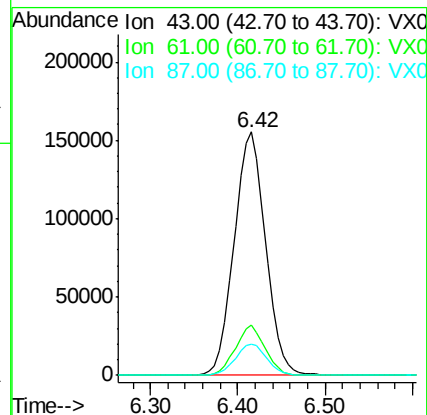
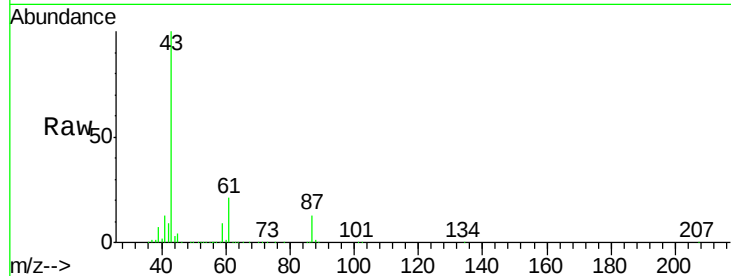


#43

Isopropyl Acetate
 Concen: 47.797 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :

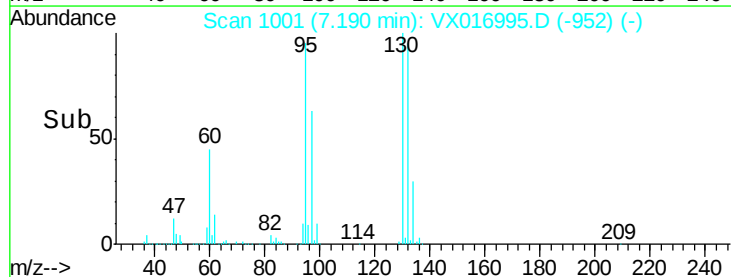
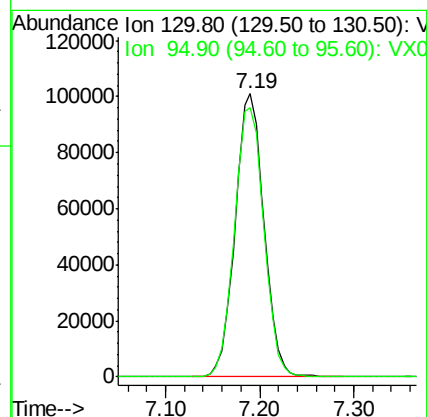
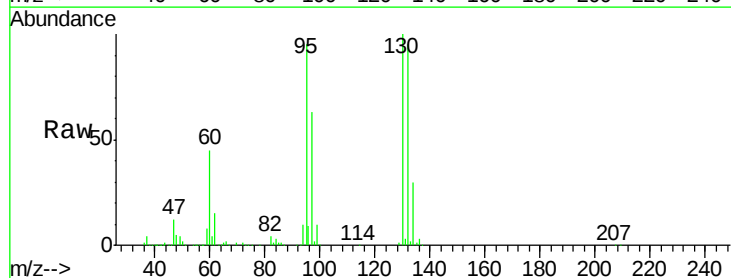
Tot Ion	43	Resp	385976
Ion Ratio	Lower	Upper	
43	100		
61	19.6	15.0	22.6
87	13.0	10.0	15.0

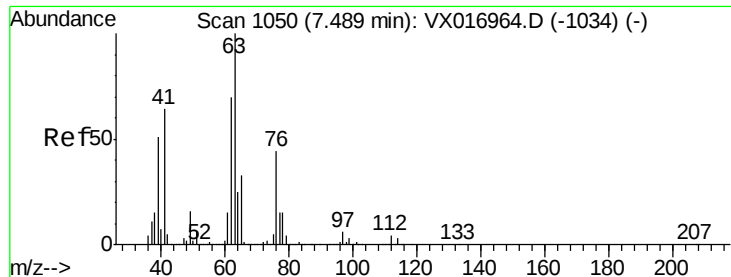


#44

Trichloroethene
 Concen: 62.605 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion	130	Resp	214368
Ion Ratio	Lower	Upper	
130	100		
95	95.0	0.0	206.6





#45

1,2-Dichloropropane

Concen: 48.536 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

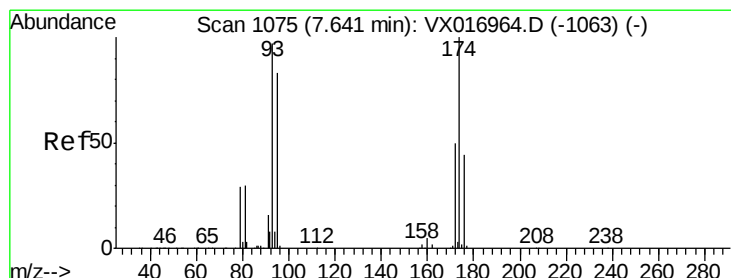
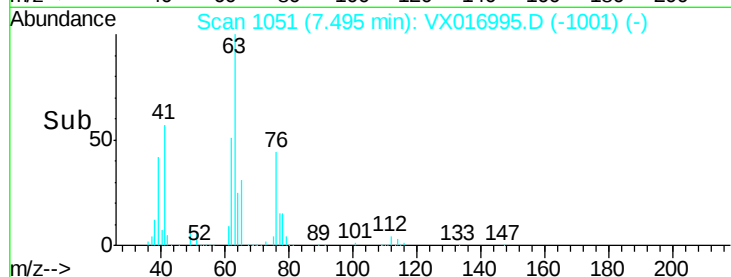
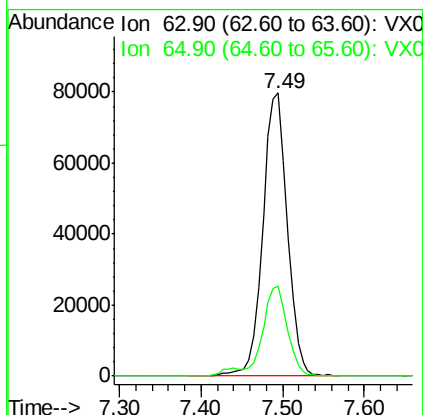
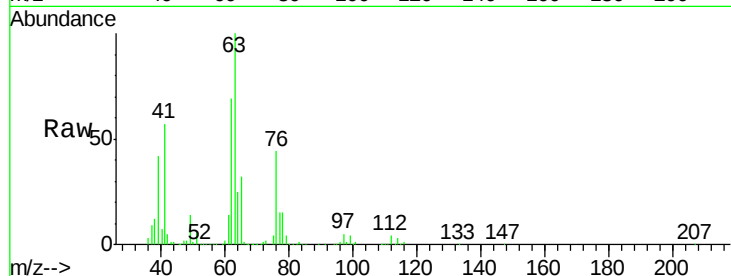
ClientSampleId :

Tot Ion: 63 Resp: 166903

Ion Ratio Lower Upper

63 100

65 31.9 26.1 39.1



#46

Dibromomethane

Concen: 49.070 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

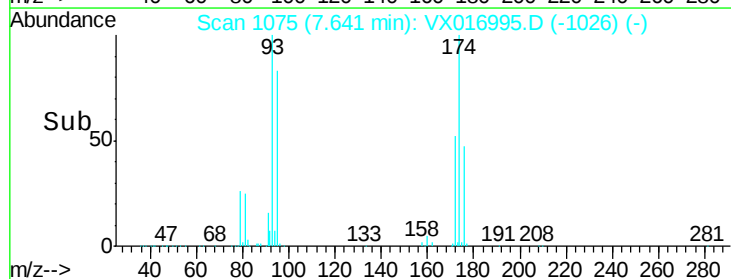
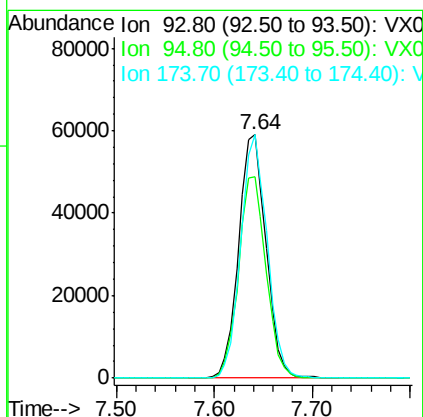
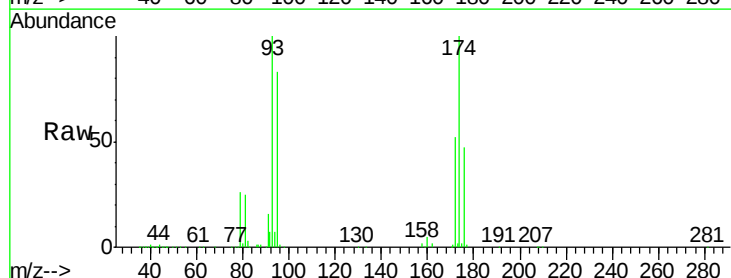
Tgt Ion: 93 Resp: 114632

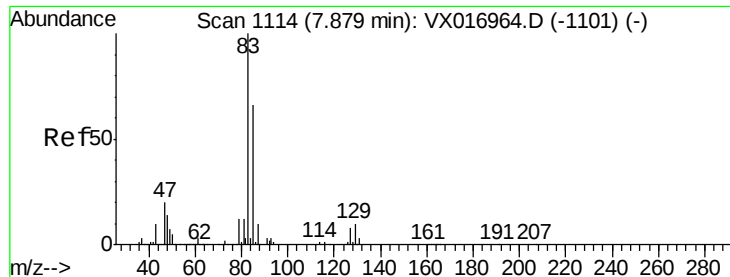
Ion Ratio Lower Upper

93 100

95 82.9 67.5 101.3

174 96.9 75.0 112.4





#47

Bromodichloromethane

Concen: 48.829 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

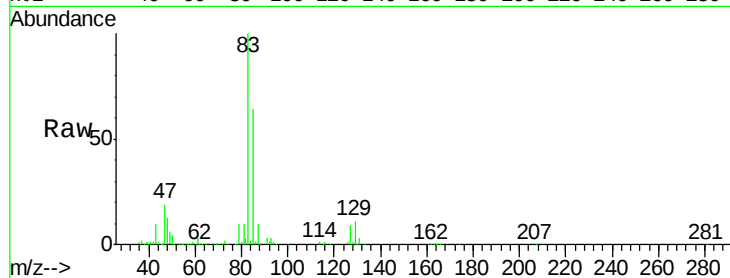
Tot Ion: 83 Resp: 238588

Ion Ratio Lower Upper

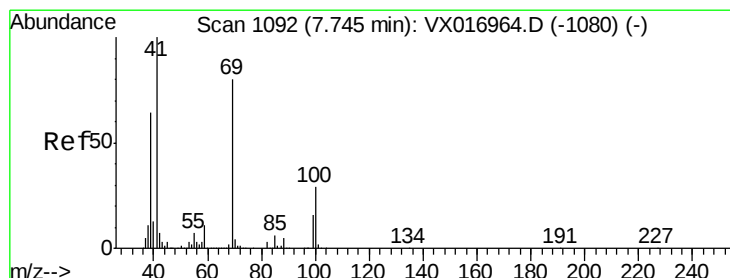
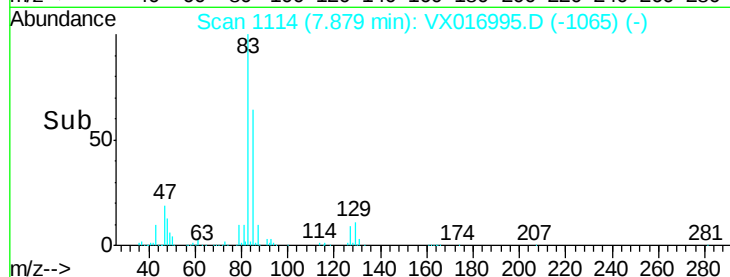
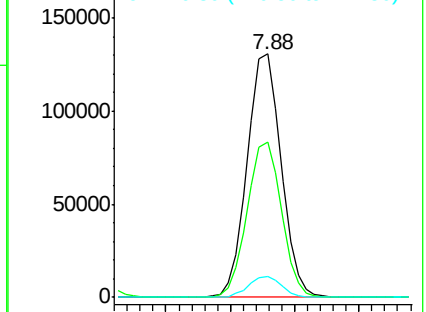
83 100

85 63.9 53.1 79.7

127 8.7 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: 51.298 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

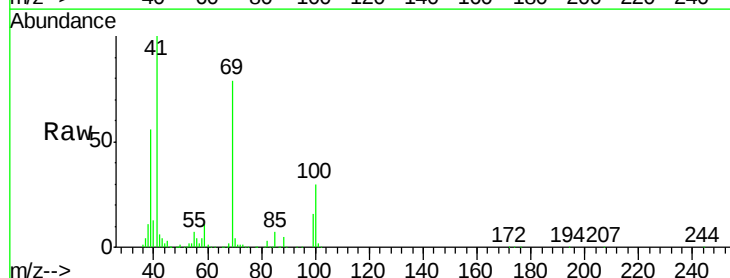
Tgt Ion: 41 Resp: 193441

Ion Ratio Lower Upper

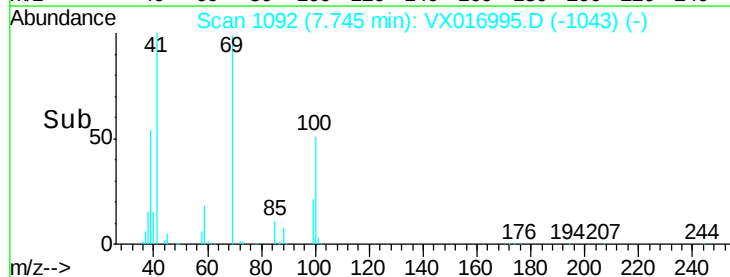
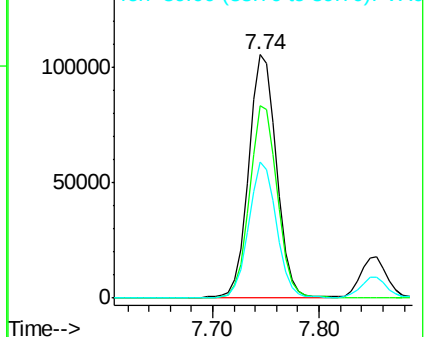
41 100

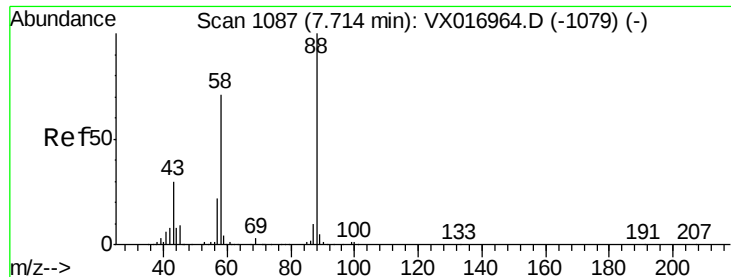
69 79.4 62.7 94.1

39 55.8 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: 1046.058 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

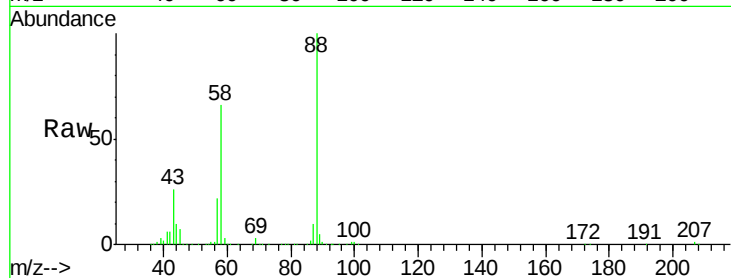
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 88 Resp: 82051

Ion	Ratio	Lower	Upper
88	100		
43	32.3	28.1	42.1
58	72.0	56.1	84.1

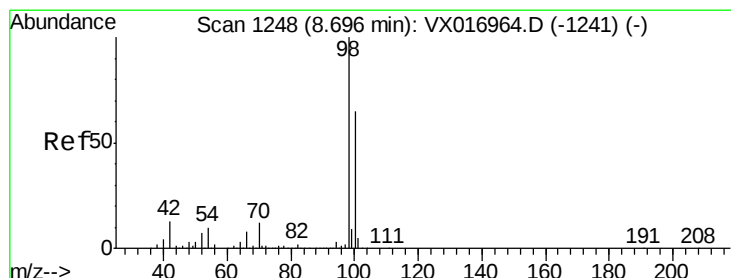
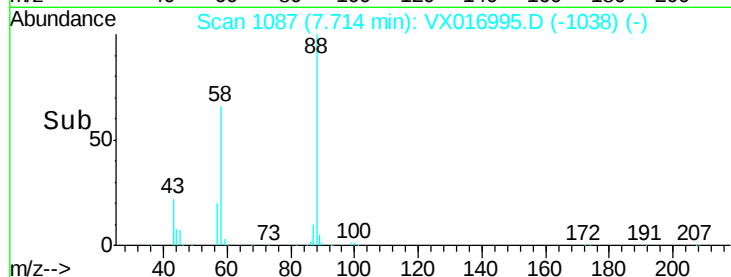
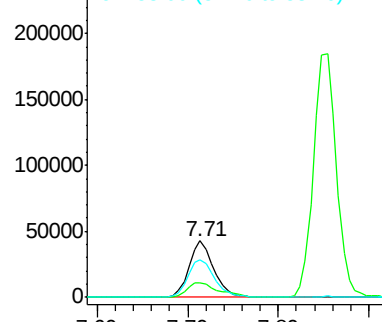


Abundance

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: 50.130 ug/l

RT: 8.70 min Scan# 1248

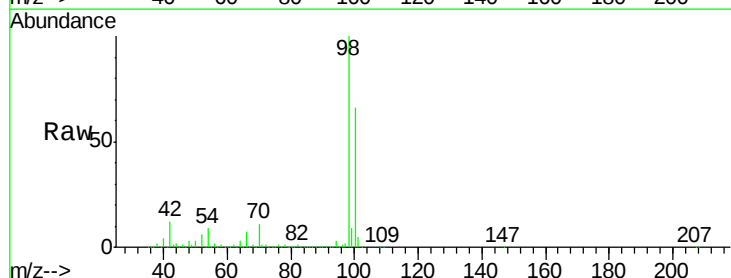
Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion: 98 Resp: 547470

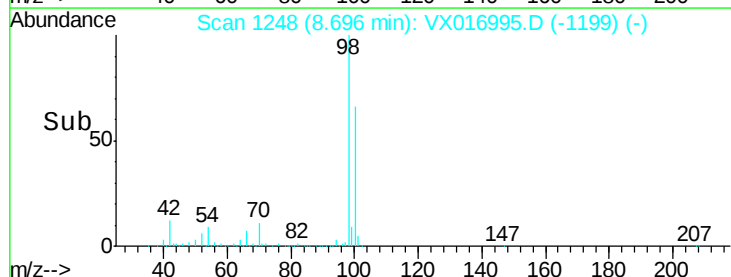
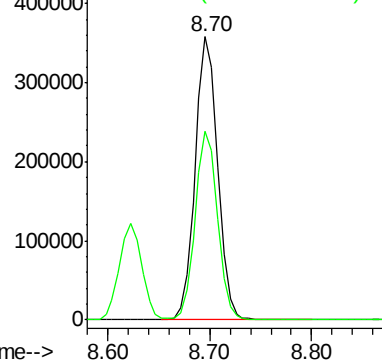
Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.2	78.2

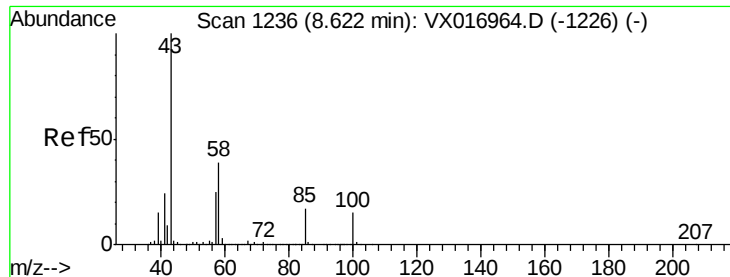


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

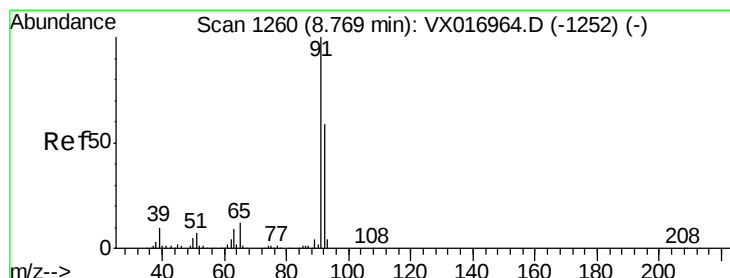
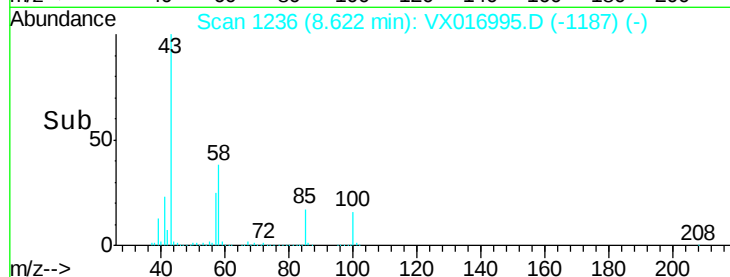
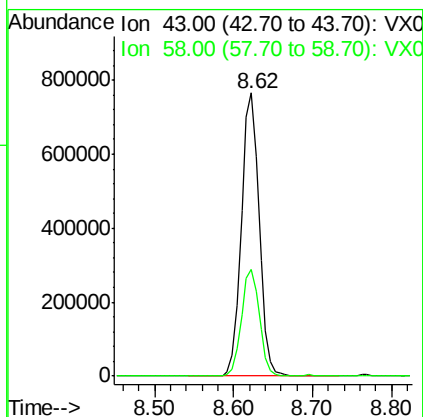
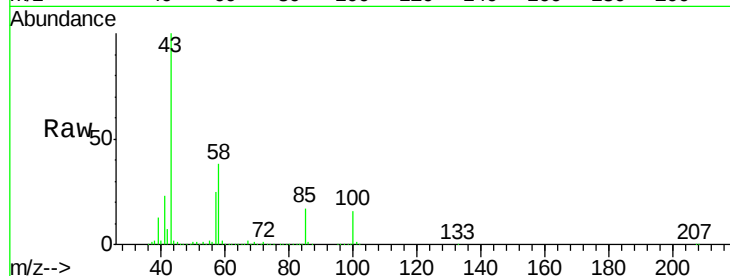




#51
4-Methyl-2-Pentanone
Concen: 260.280 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

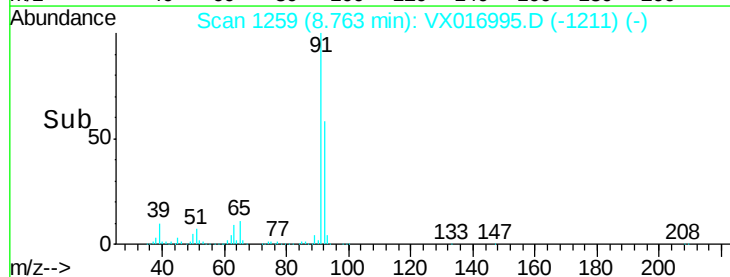
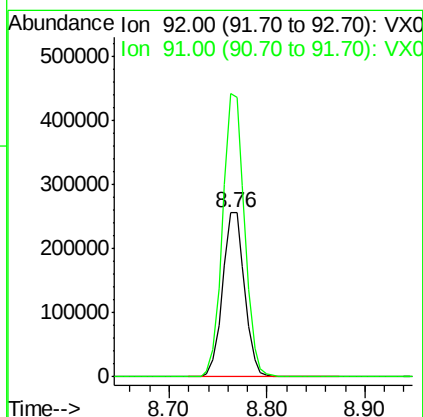
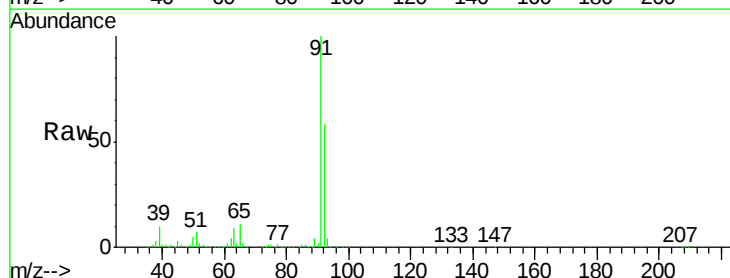
Instrument :
MSVOA_X
ClientSampled :

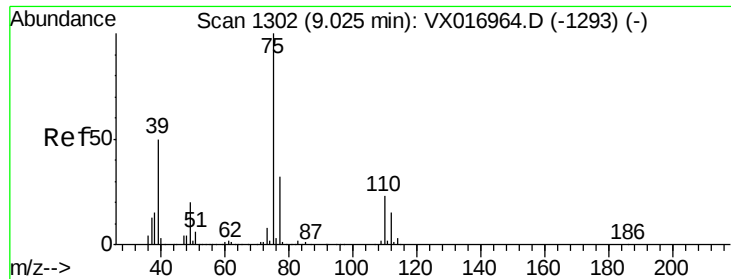
Tot Ion: 43 Resp: 1202930
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6



#52
Toluene
Concen: 50.459 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion: 92 Resp: 400043
Ion Ratio Lower Upper
92 100
91 171.8 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 48.723 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

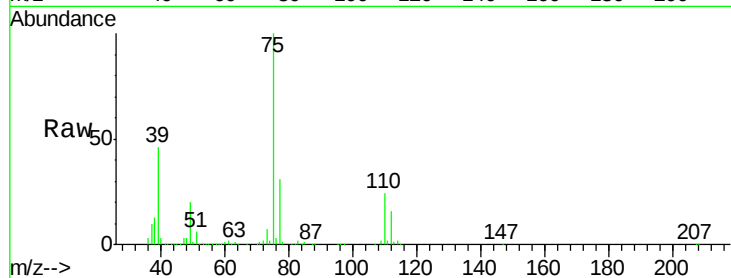
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 254939

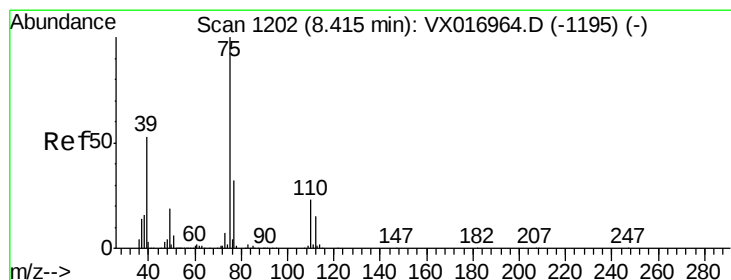
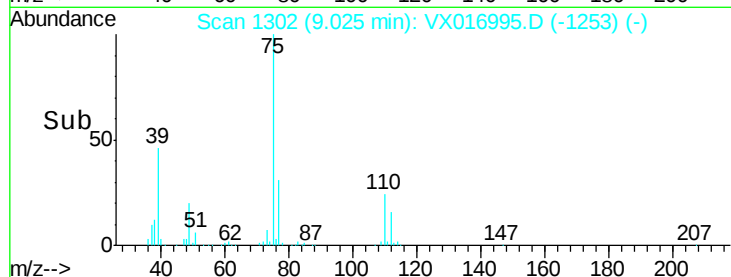
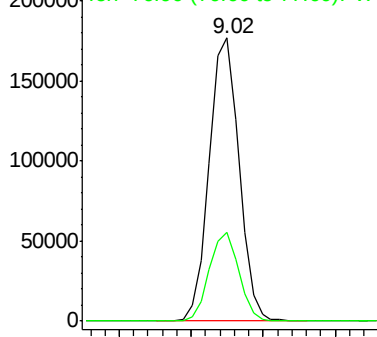
Ion Ratio Lower Upper

75 100

77 31.3 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: 49.883 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

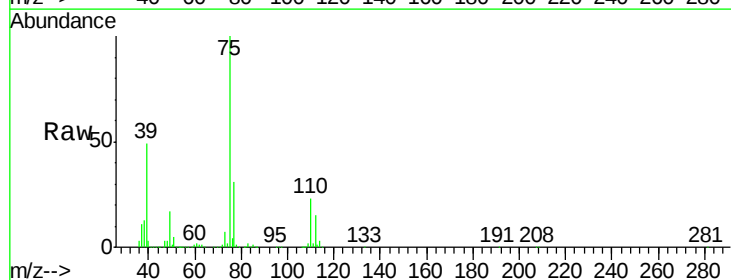
Tgt Ion: 75 Resp: 274380

Ion Ratio Lower Upper

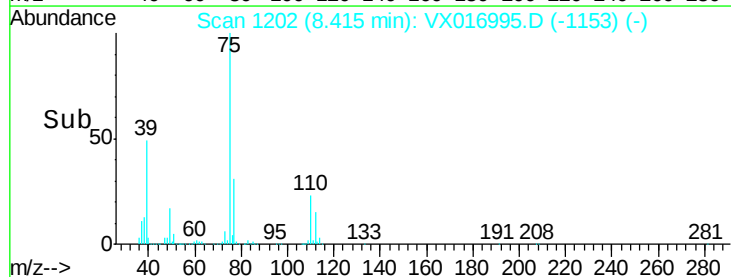
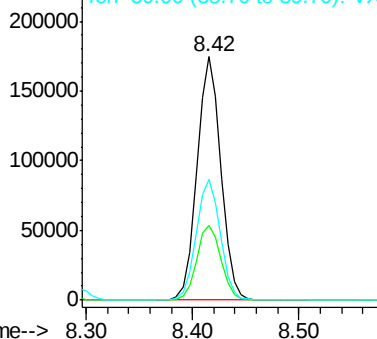
75 100

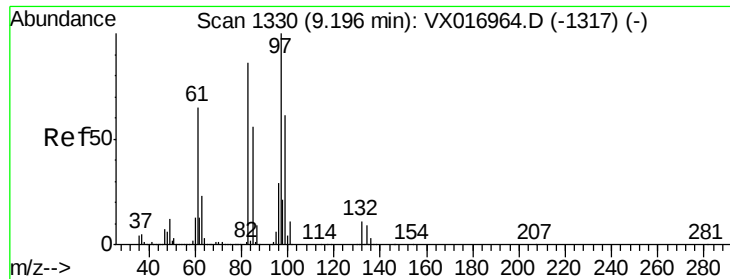
77 30.8 25.7 38.5

39 49.3 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

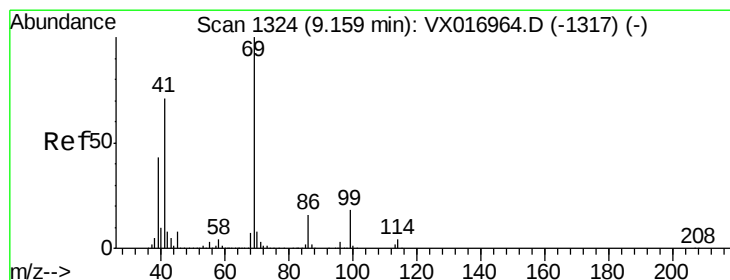
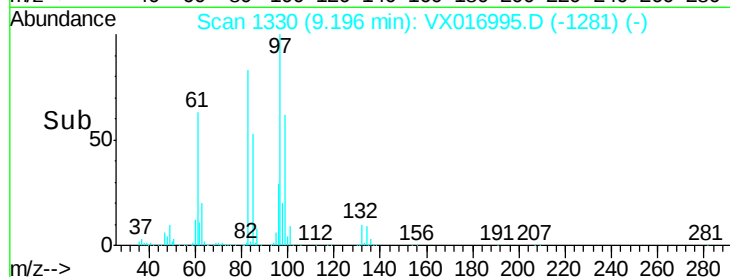
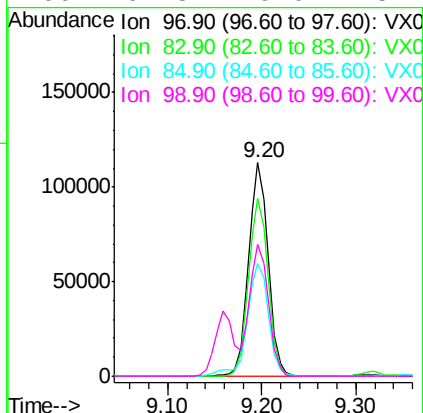
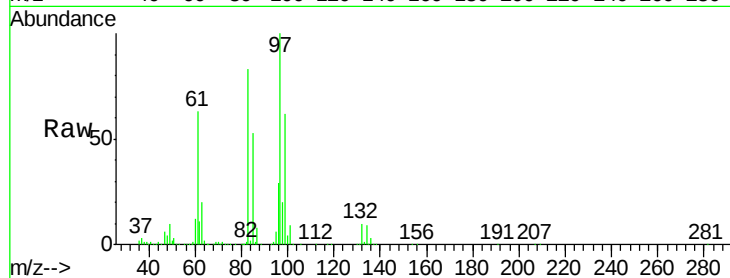




#55
 1,1,2-Trichloroethane
 Concen: 50.551 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

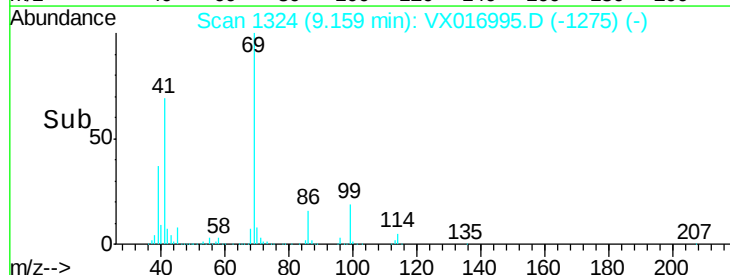
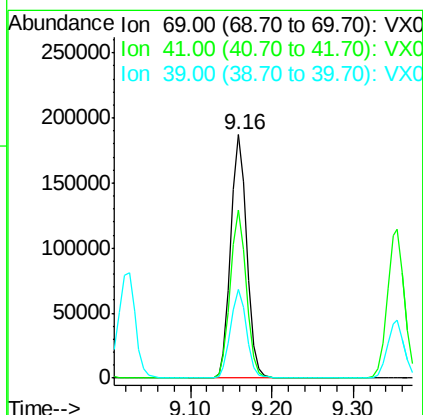
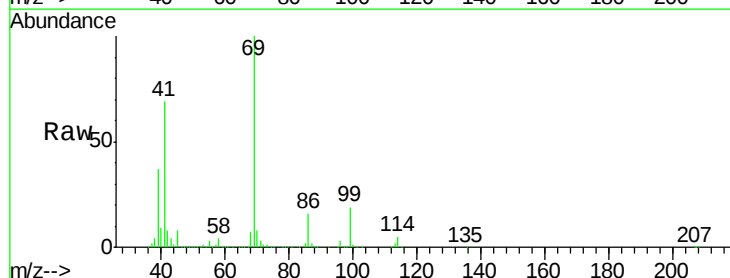
Instrument :
 MSVOA_X
 ClientSampleId :

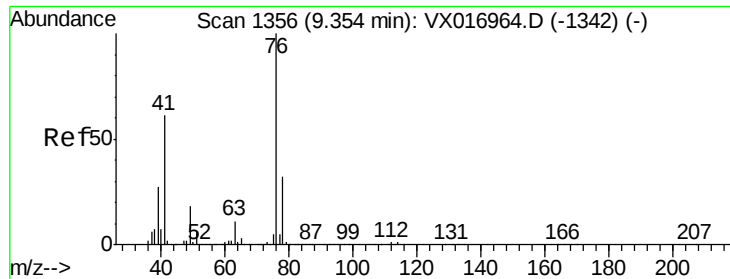
Tot Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.6	103.0
85	53.0	44.5	66.7
99	61.8	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 51.495 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.9	83.9
39	36.6	34.6	51.8

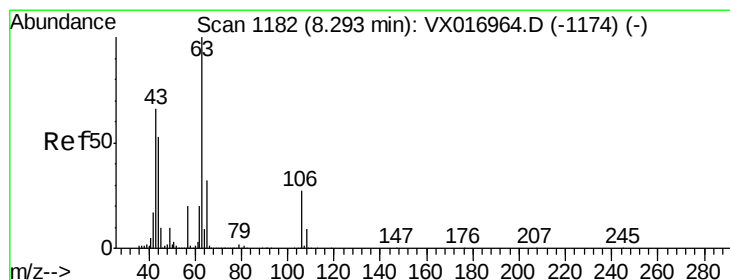
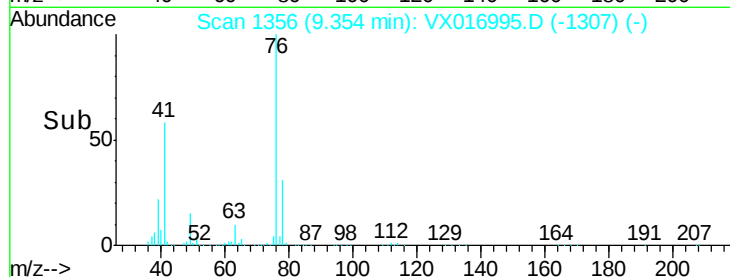
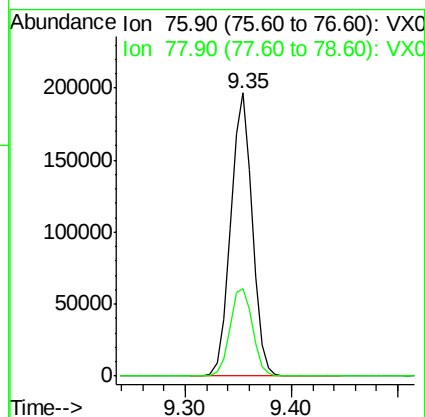
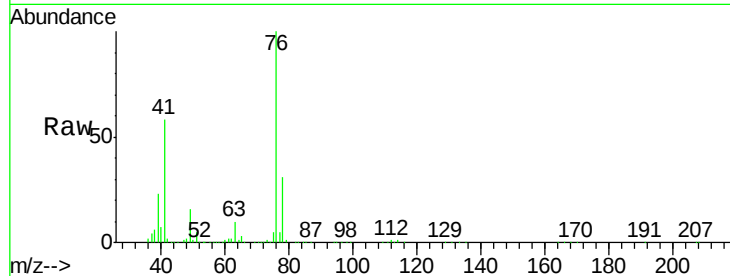




#57
 1,3-Dichloropropane
 Concen: 49.943 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

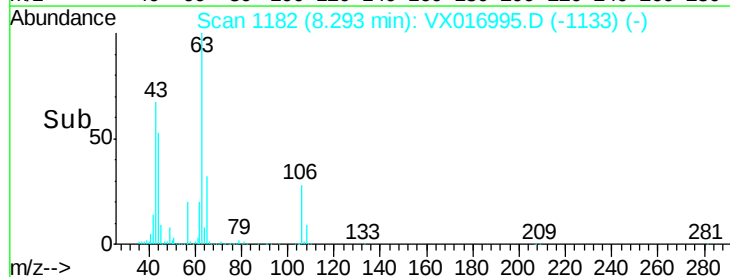
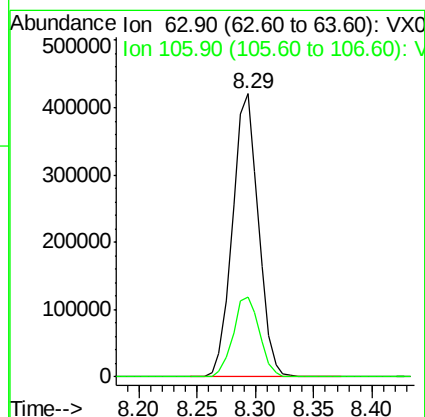
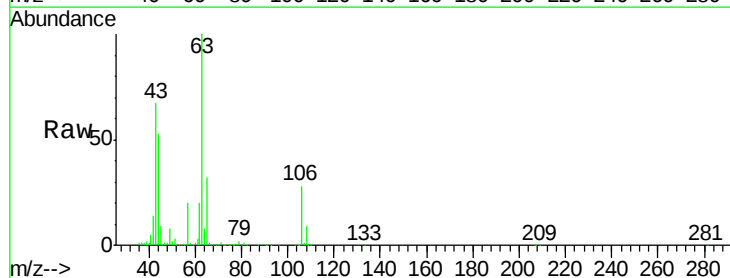
Instrument :
 MSVOA_X
 ClientSampleId :

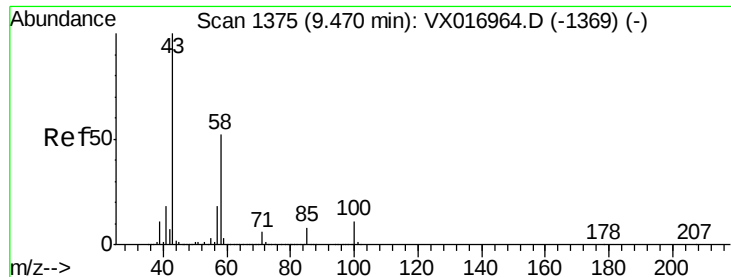
Tot Ion: 76 Resp: 278521
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.354 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion: 63 Resp: 651678
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.1 33.1

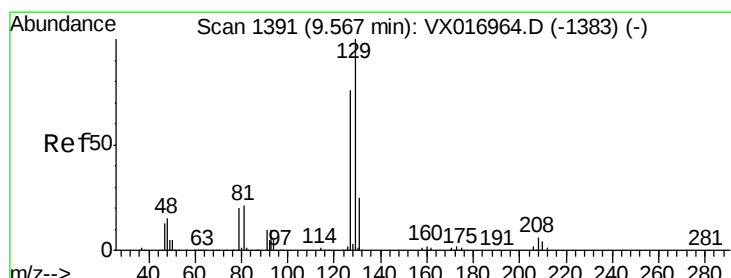
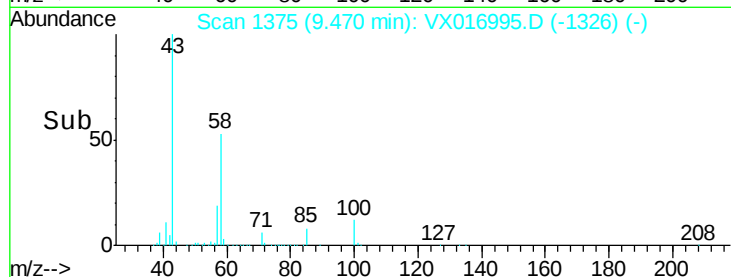
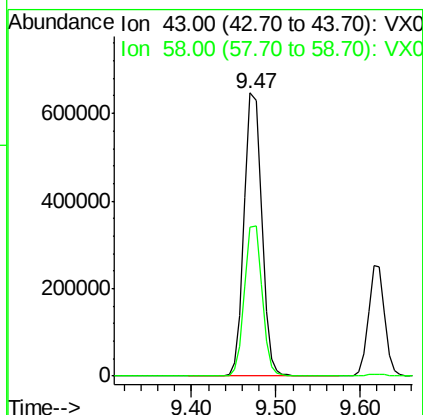
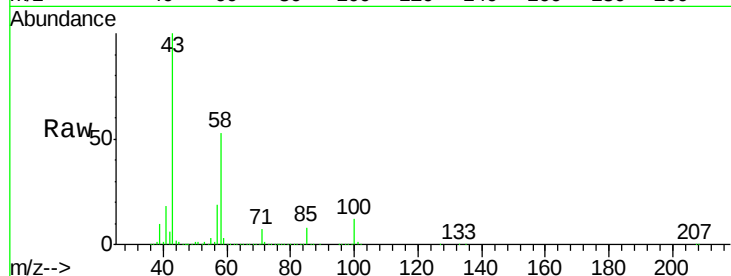




#59
2-Hexanone
Concen: 258.232 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

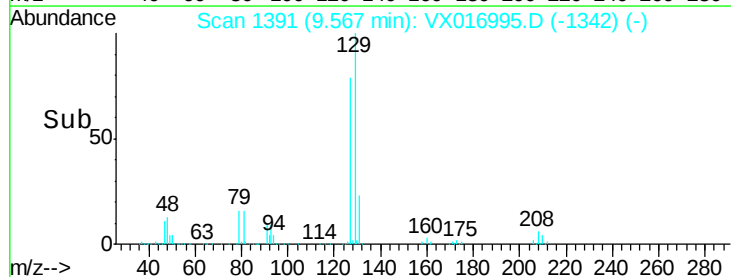
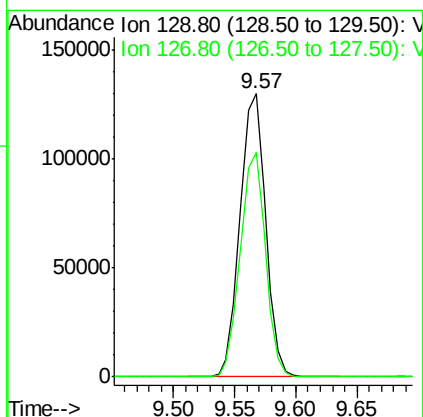
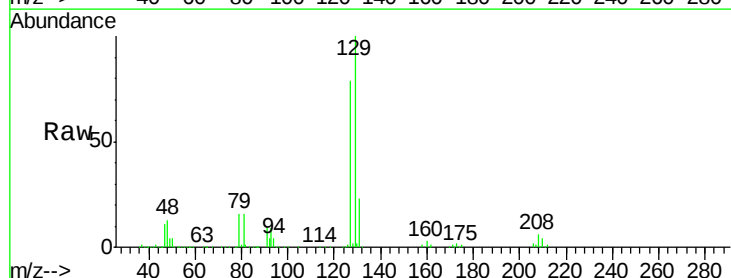
Instrument :
MSVOA_X
ClientSampleId :

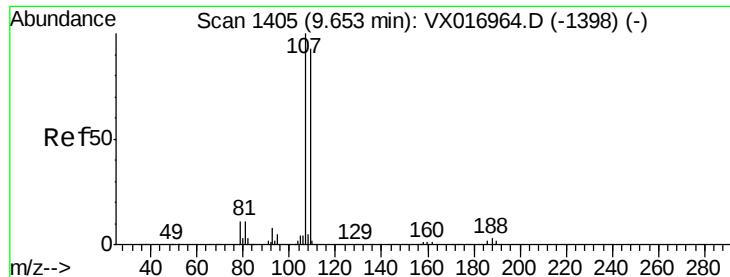
Tot Ion: 43 Resp: 897822
Ion Ratio Lower Upper
43 100
58 53.1 26.3 78.9



#60
Dibromochloromethane
Concen: 50.761 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion: 129 Resp: 188503
Ion Ratio Lower Upper
129 100
127 78.1 38.0 114.0

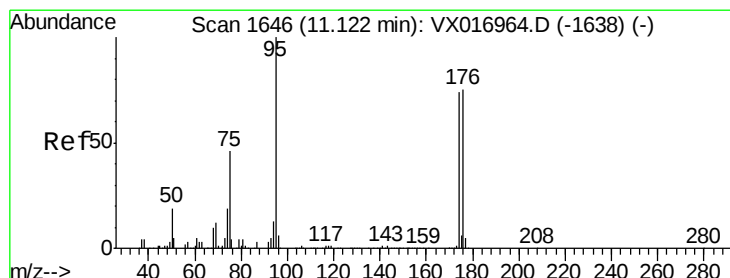
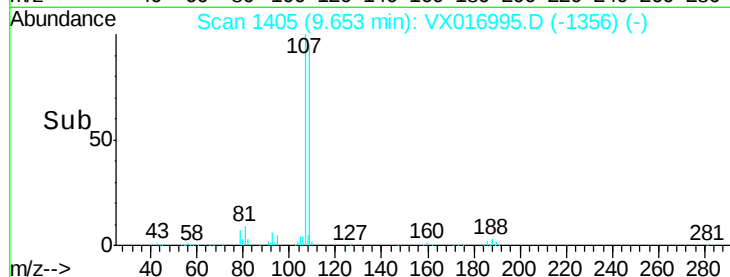
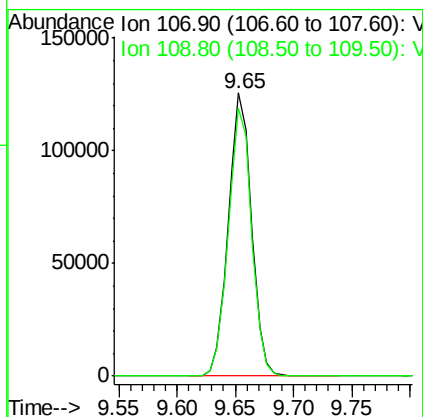
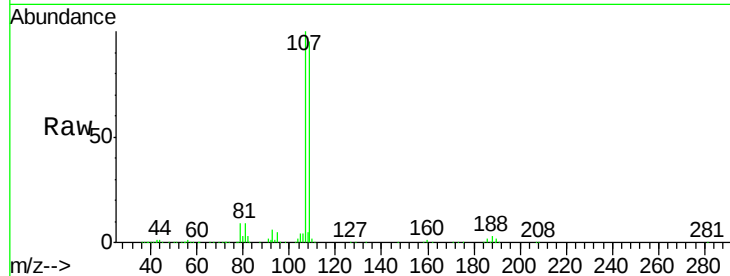




#61
 1,2-Dibromoethane
 Concen: 50.005 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

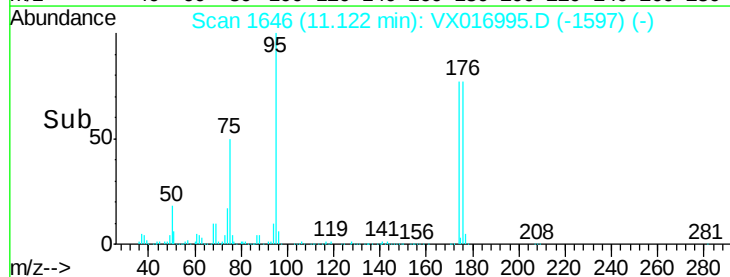
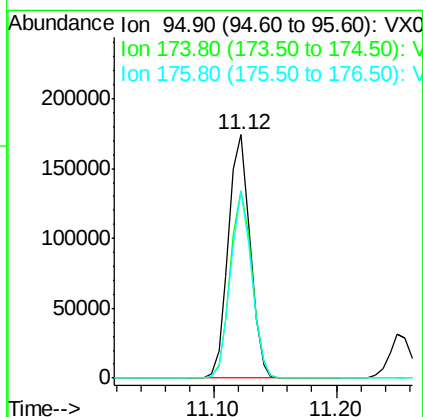
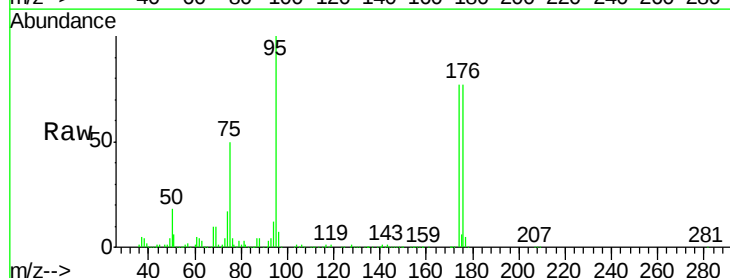
Instrument :
 MSVOA_X
 ClientSampled :

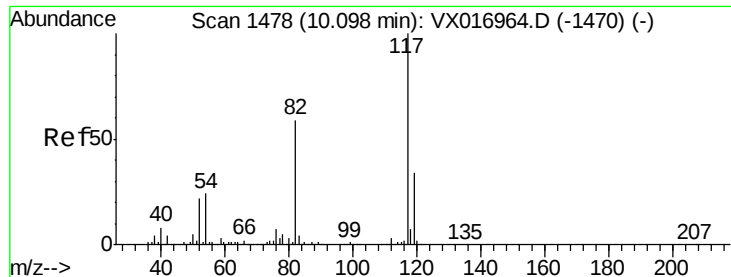
Tot Ion:107 Resp: 173929
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.633 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion: 95 Resp: 213826
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 149.6
 176 74.5 0.0 148.2

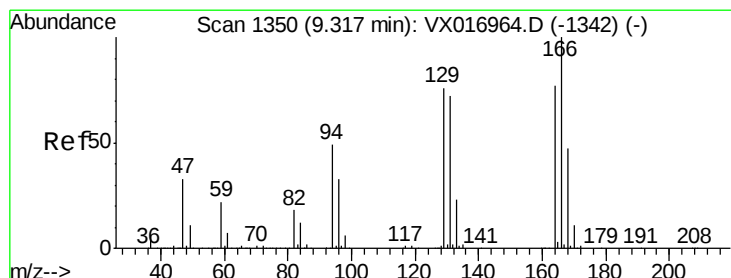
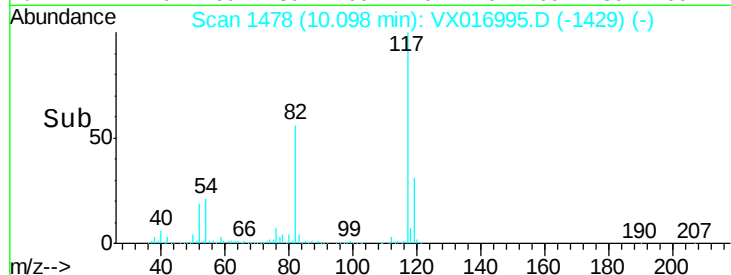
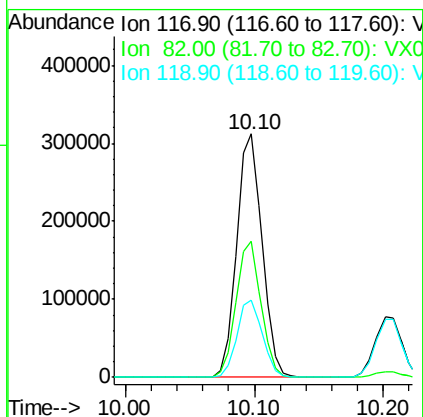
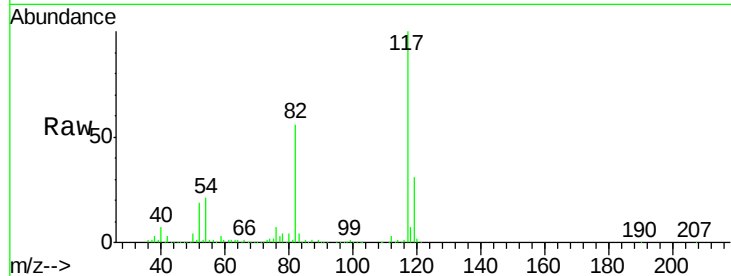




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

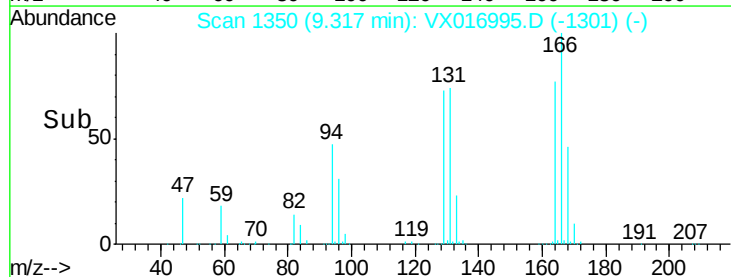
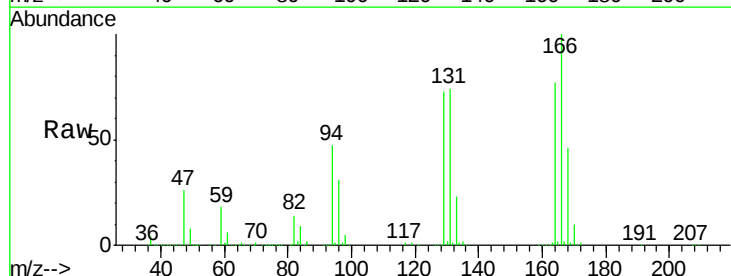
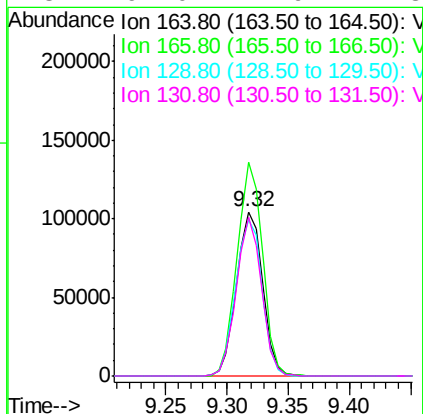
Instrument :
MSVOA_X
ClientSampleId :

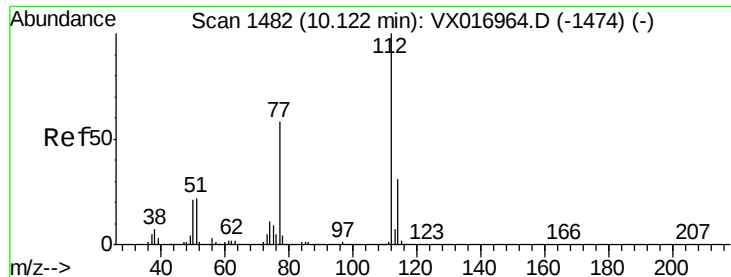
Tot Ion:117 Resp: 426676
Ion Ratio Lower Upper
117 100
82 55.9 46.8 70.2
119 31.5 27.3 40.9



#64
Tetrachloroethene
Concen: 53.342 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion:164 Resp: 154066
Ion Ratio Lower Upper
164 100
166 130.3 104.2 156.4
129 95.0 79.3 118.9
131 97.0 74.9 112.3

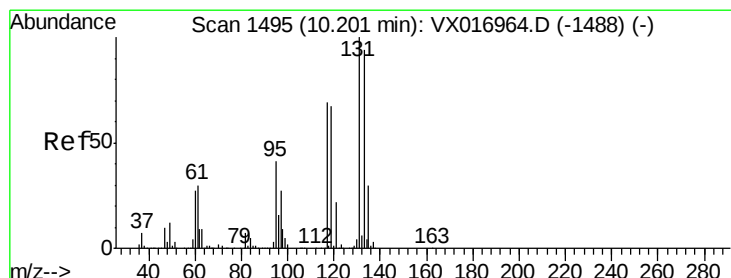
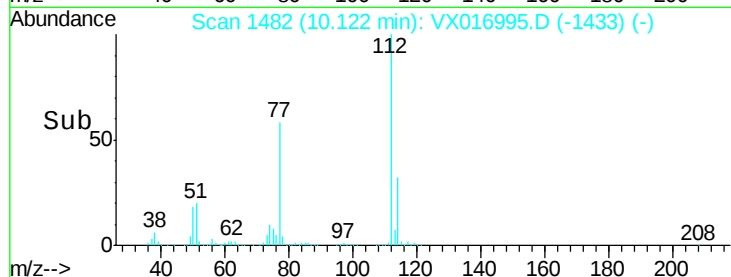
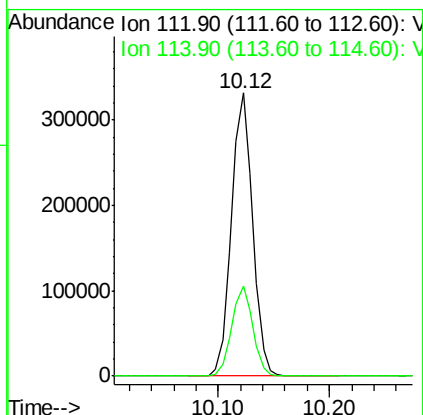
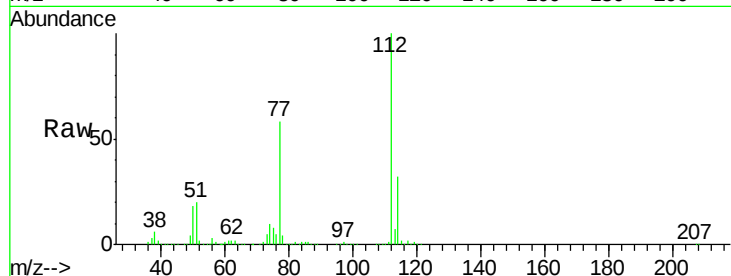




#65
Chlorobenzene
Concen: 50.095 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

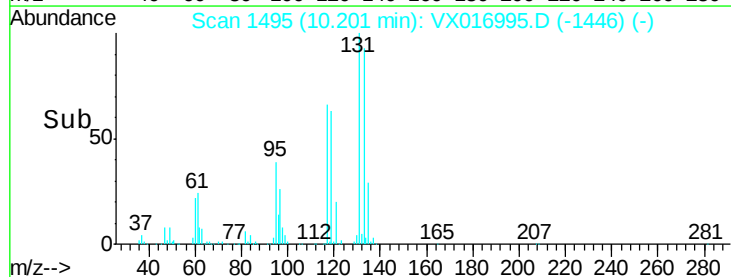
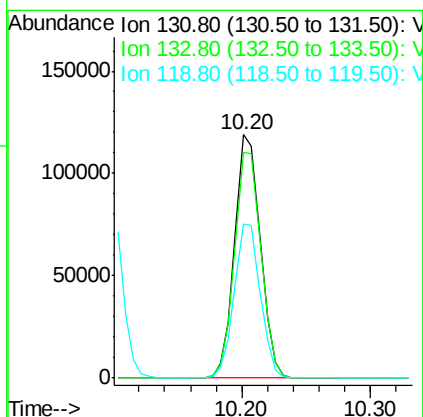
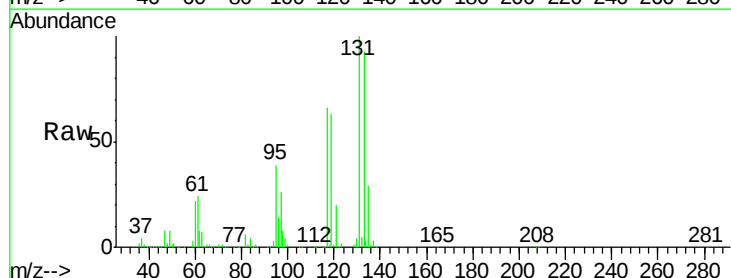
Instrument :
MSVOA_X
ClientSampleId :

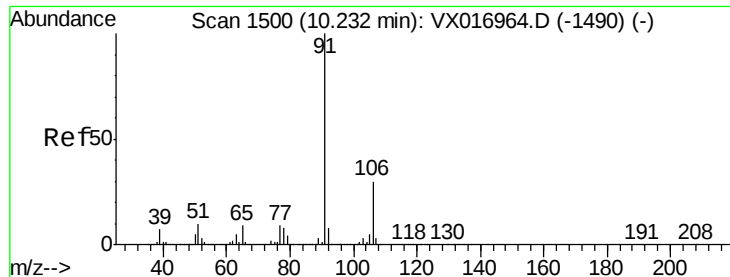
Tot Ion:112 Resp: 437102
Ion Ratio Lower Upper
112 100
114 31.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.405 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion:131 Resp: 166695
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 64.3 32.8 98.4





#67

Ethyl Benzene

Concen: 50.134 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

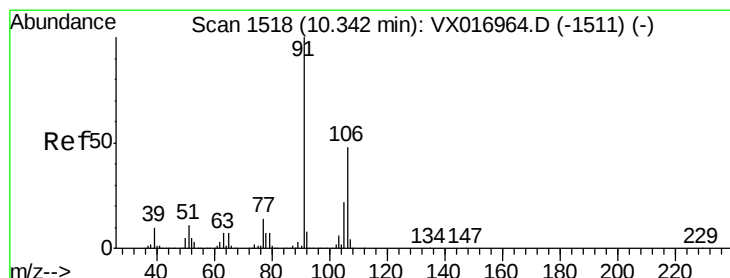
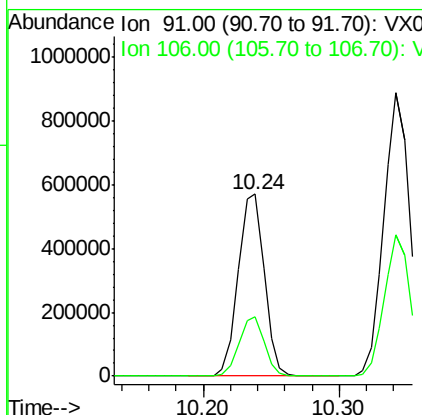
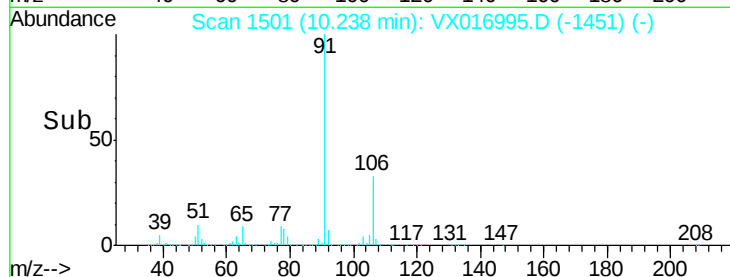
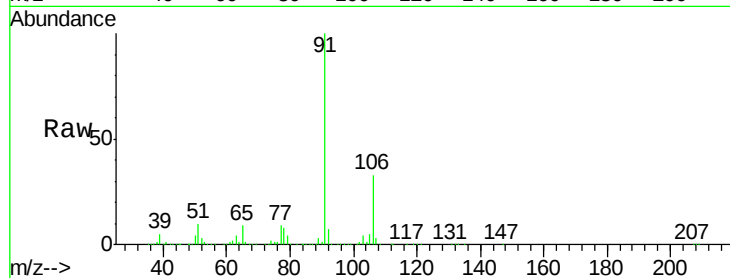
ClientSampleId :

Tot Ion: 91 Resp: 767898

Ion Ratio Lower Upper

91 100

106 32.5 24.1 36.1



#68

m/p-Xylenes

Concen: 103.268 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016995.D

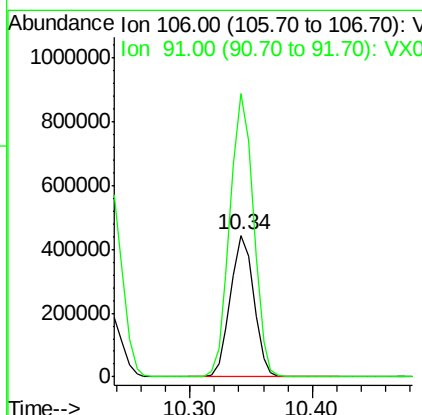
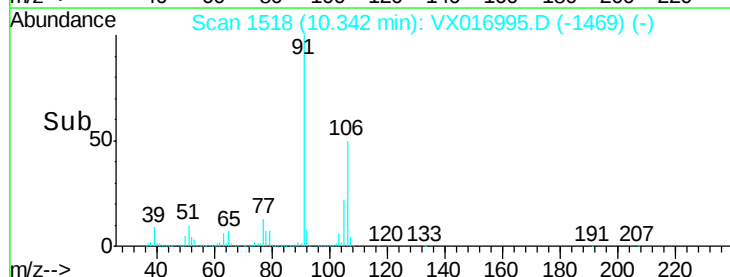
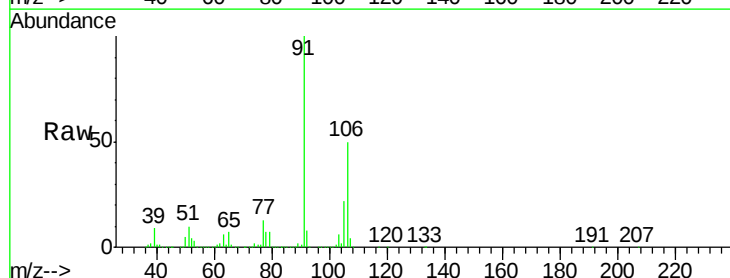
Acq: 26 Jun 2020 19:39

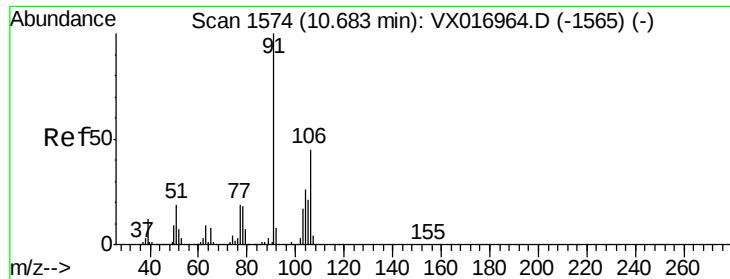
Tgt Ion: 106 Resp: 587637

Ion Ratio Lower Upper

106 100

91 201.5 164.1 246.1

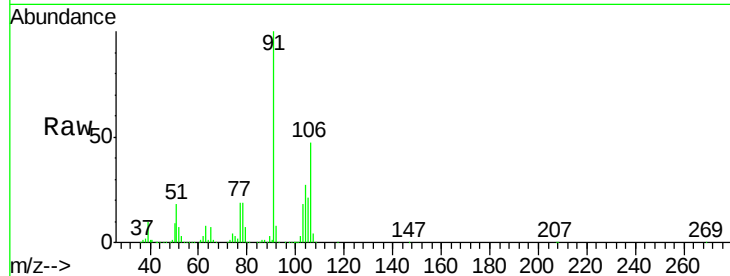




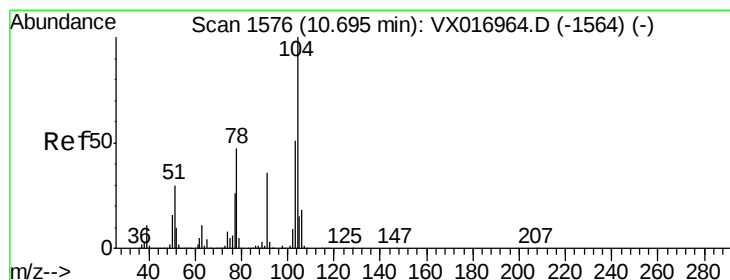
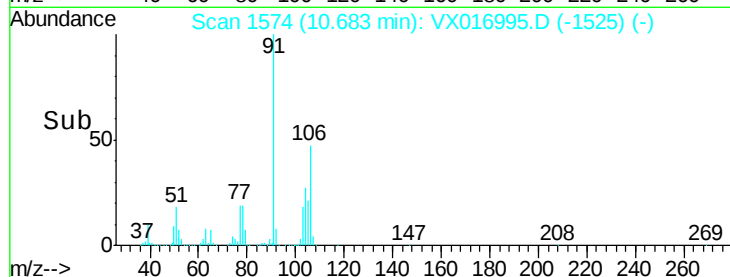
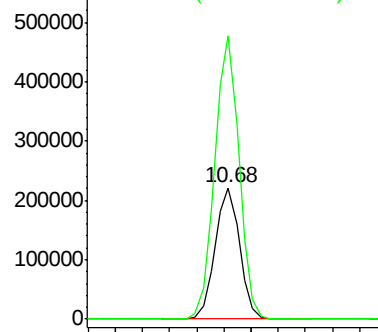
#69
o-Xylene
Concen: 51.295 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 278473
Ion Ratio Lower Upper
106 100
91 213.6 109.1 327.2

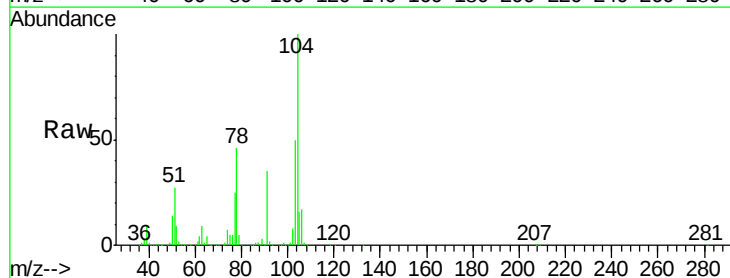


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

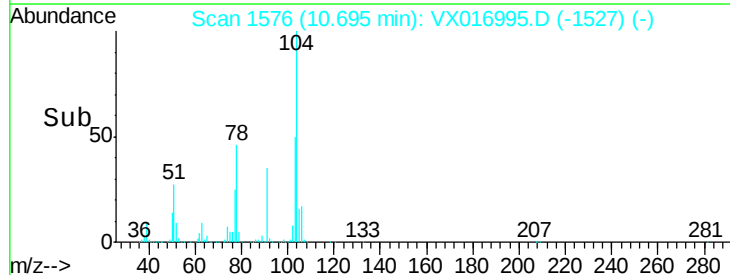
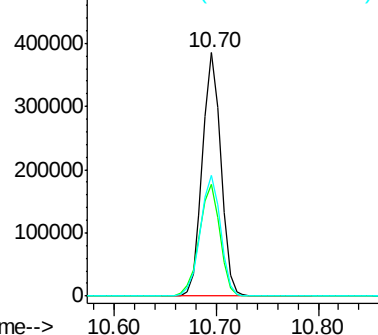


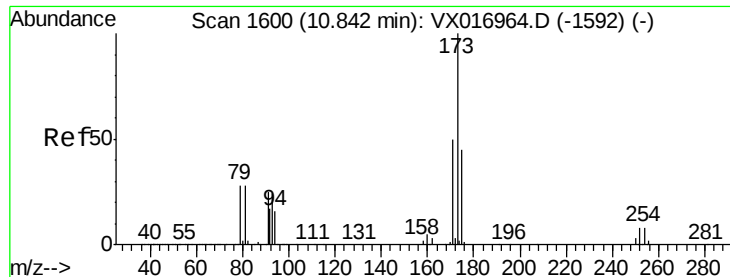
#70
Styrene
Concen: 52.253 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion:104 Resp: 483230
Ion Ratio Lower Upper
104 100
78 51.4 41.9 62.9
103 54.3 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: 53.803 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

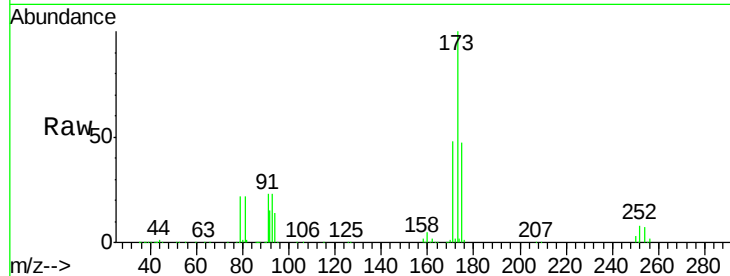
Tot Ion:173 Resp: 138724

Ion Ratio Lower Upper

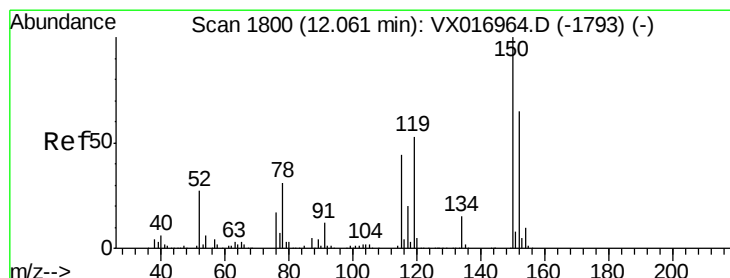
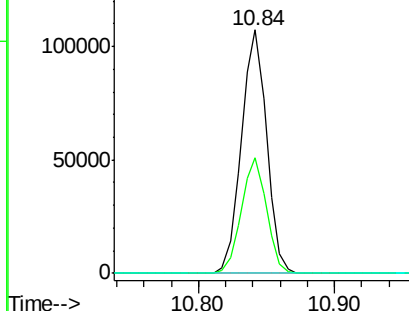
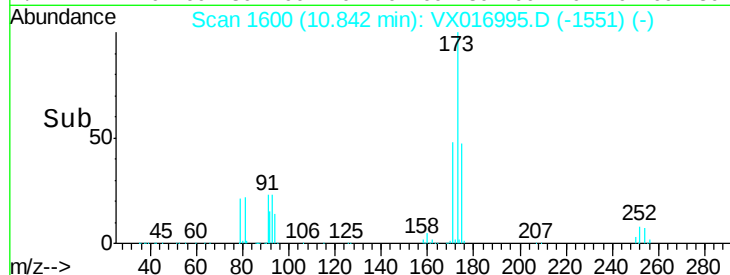
173 100

175 47.2 23.4 70.2

254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

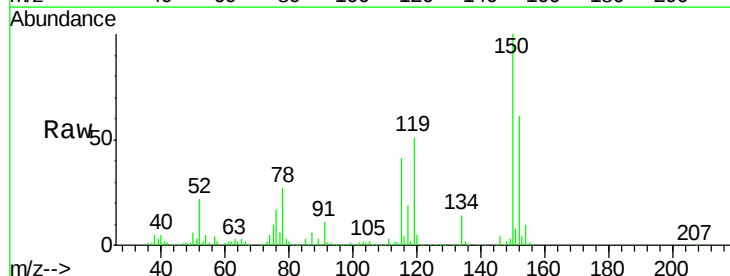
Tgt Ion:152 Resp: 220844

Ion Ratio Lower Upper

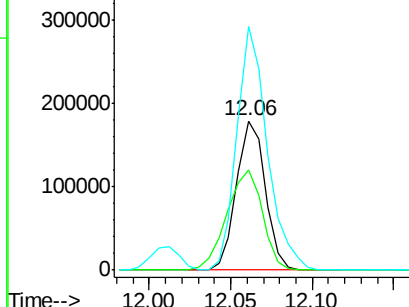
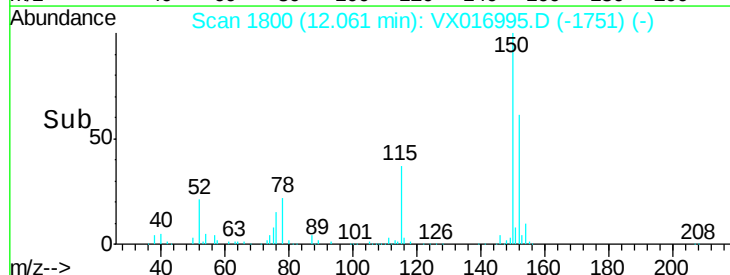
152 100

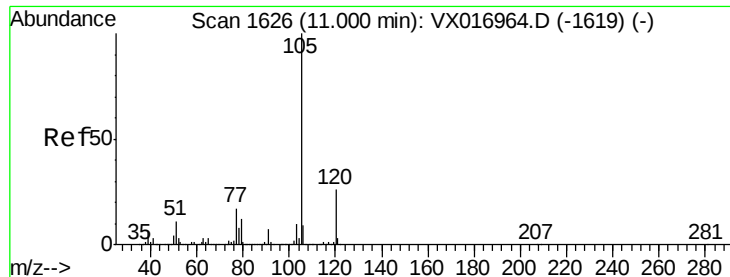
115 83.3 42.8 128.4

150 173.2 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.579 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

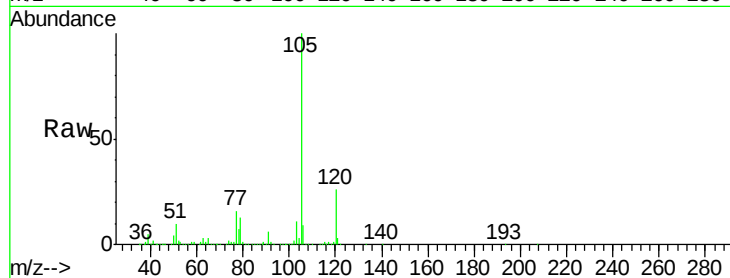
ClientSampleId :

Tot Ion:105 Resp: 753879

Ion Ratio Lower Upper

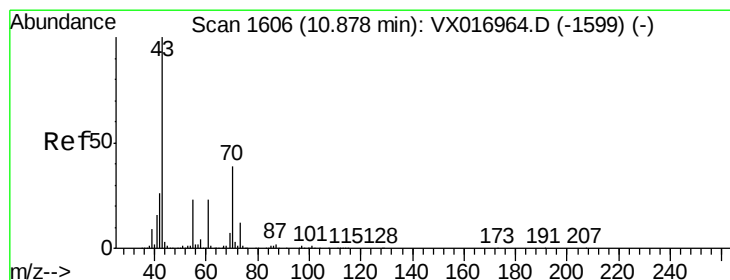
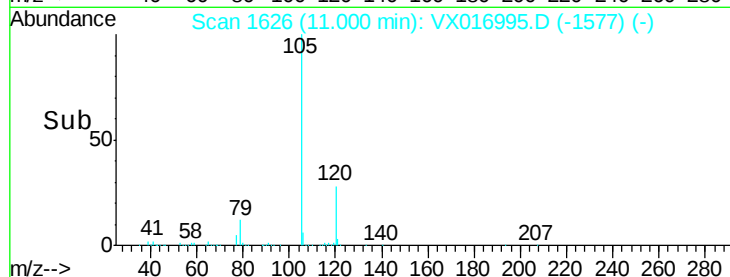
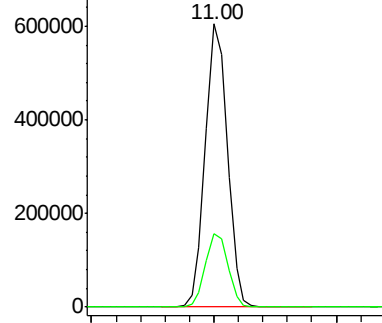
105 100

120 26.6 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: 47.856 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion: 43 Resp: 343154

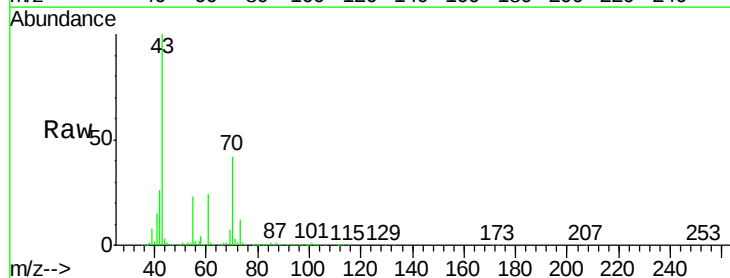
Ion Ratio Lower Upper

43 100

70 41.7 32.1 48.1

55 24.0 18.6 28.0

61 24.3 18.8 28.2

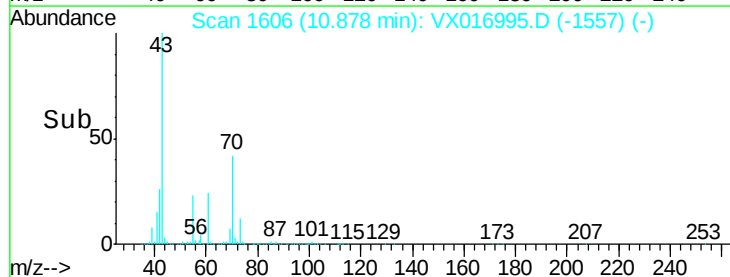
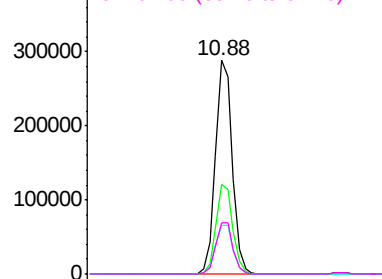


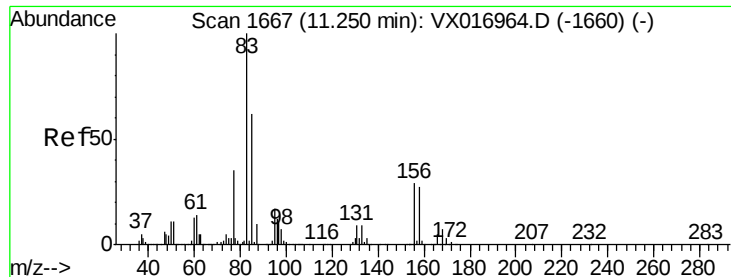
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.528 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

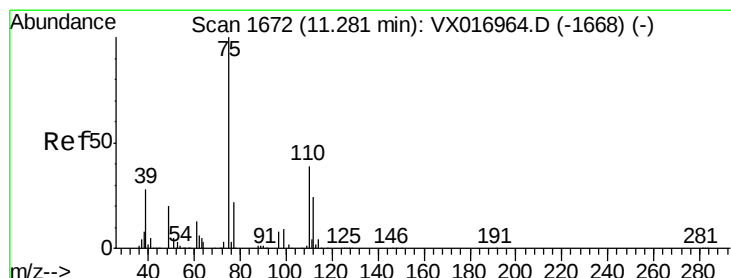
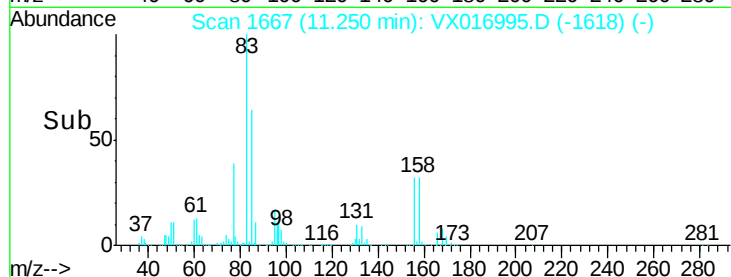
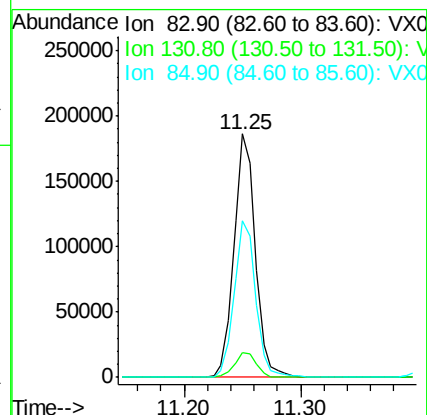
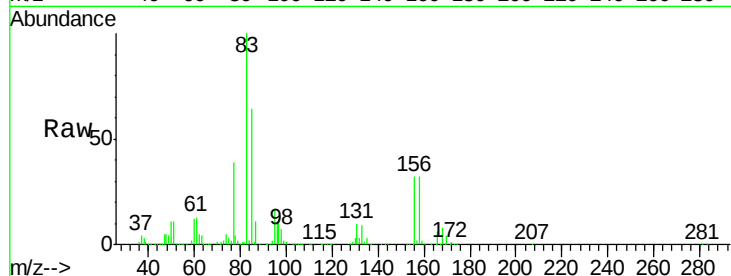
Tot Ion: 83 Resp: 238087

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.7

85 65.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 63.308 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016995.D

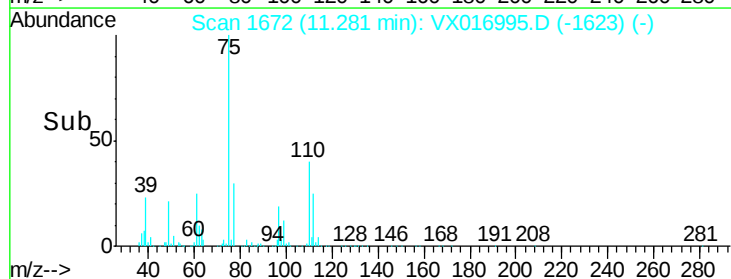
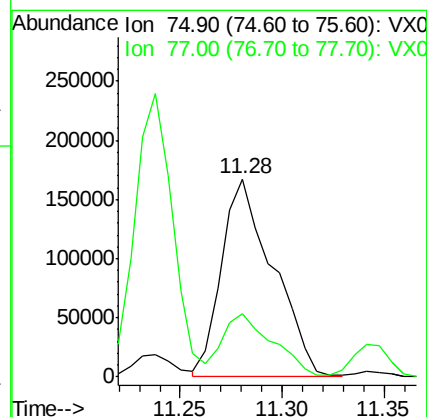
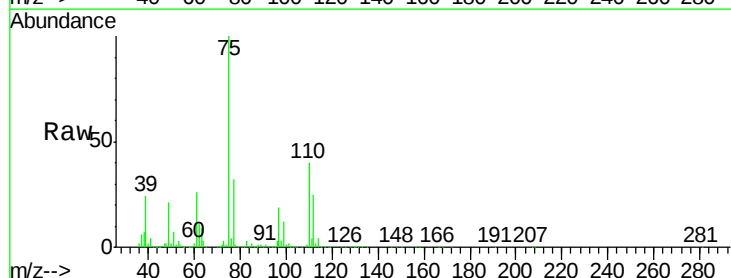
Acq: 26 Jun 2020 19:39

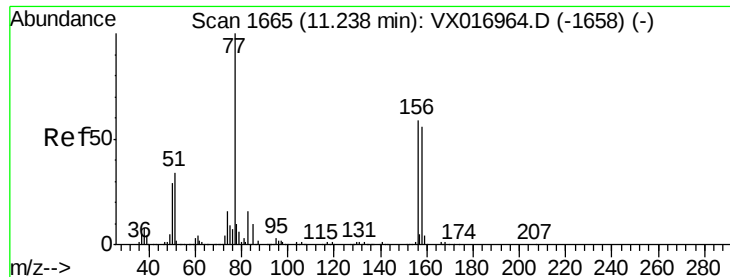
Tgt Ion: 75 Resp: 293410

Ion Ratio Lower Upper

75 100

77 31.3 20.3 61.0





#77

Bromobenzene

Concen: 48.632 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

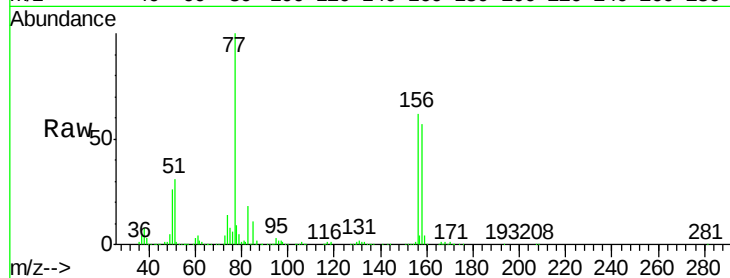
Tot Ion:156 Resp: 191723

Ion Ratio Lower Upper

156 100

77 161.6 85.2 255.6

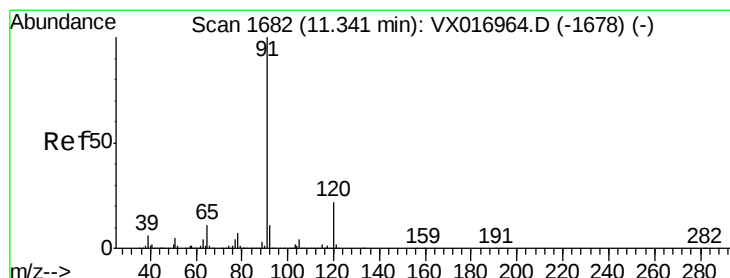
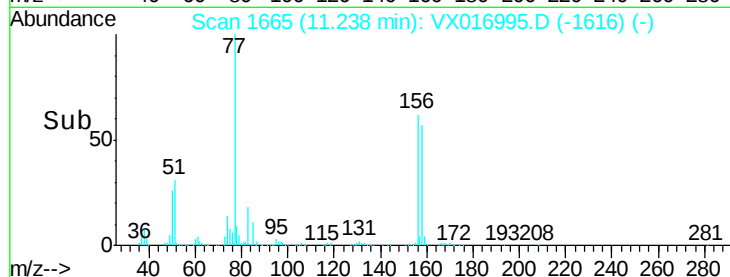
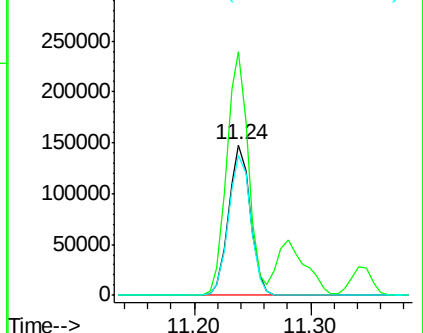
158 95.3 48.3 144.9



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: 48.323 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016995.D

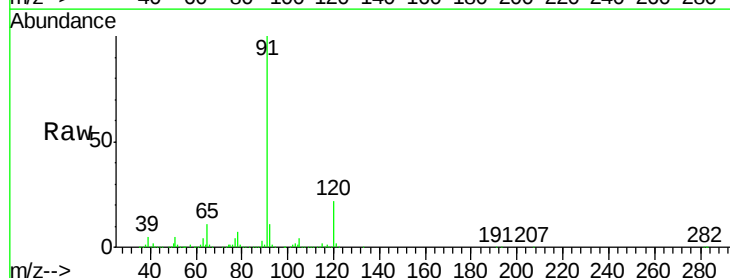
Acq: 26 Jun 2020 19:39

Tgt Ion: 91 Resp: 867259

Ion Ratio Lower Upper

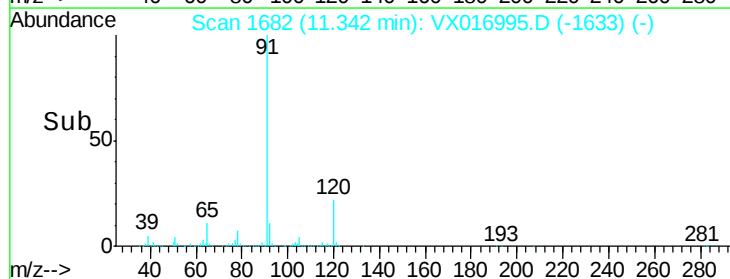
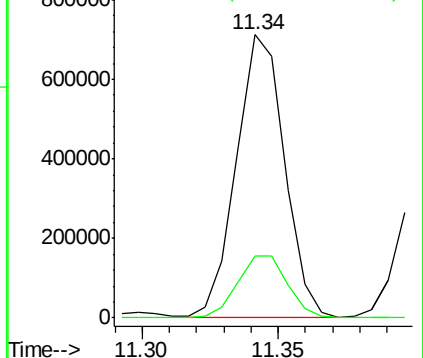
91 100

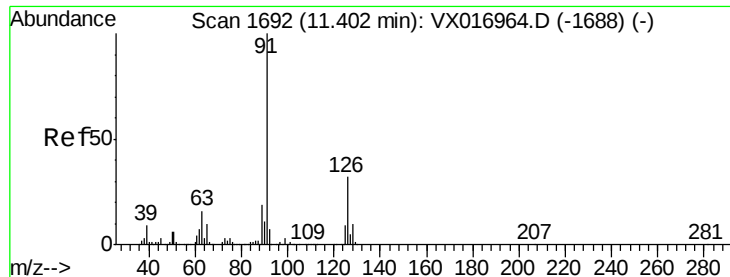
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

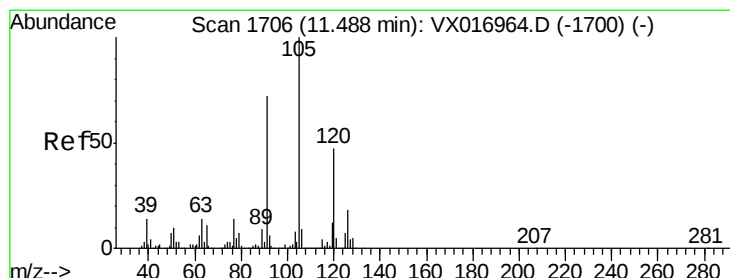
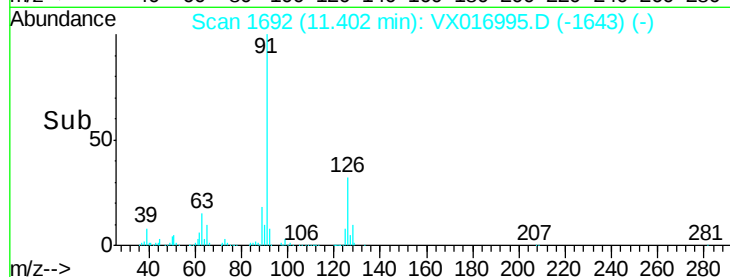
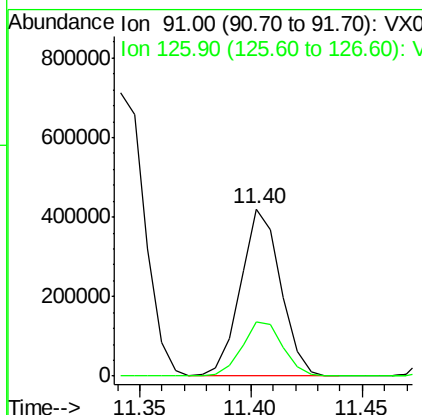
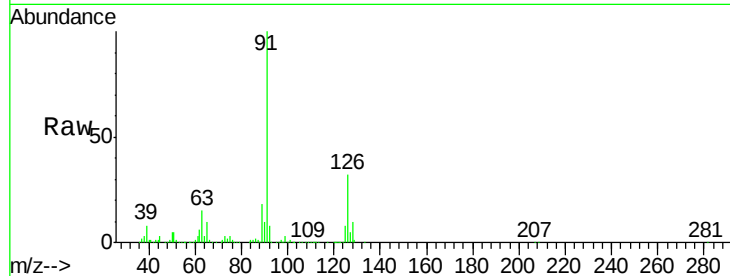




#79
 2-Chlorotoluene
 Concen: 48.537 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

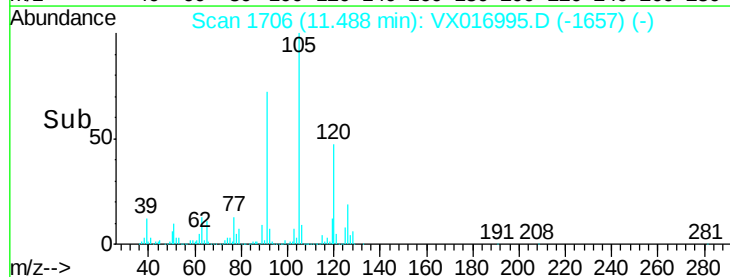
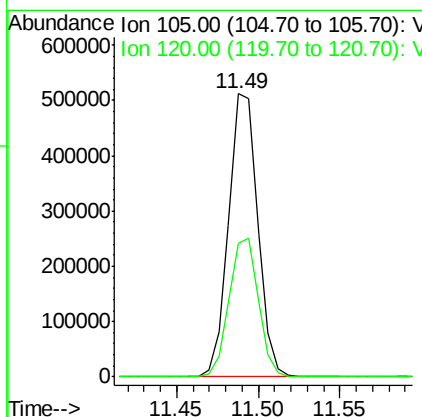
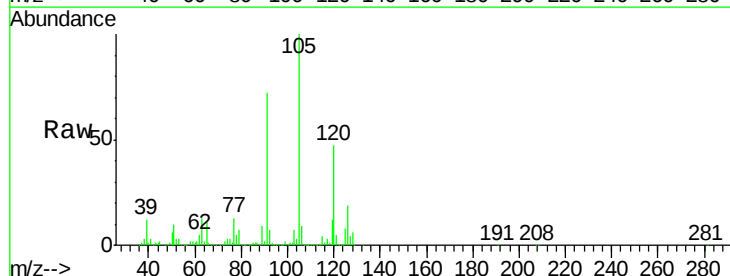
Instrument :
 MSVOA_X
 ClientSampleId :

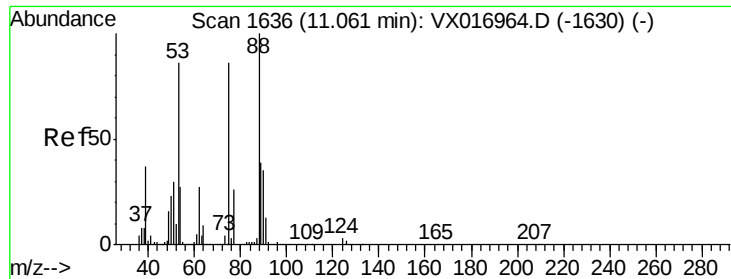
Tot Ion: 91 Resp: 523825
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.399 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion: 105 Resp: 636959
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.2 72.6

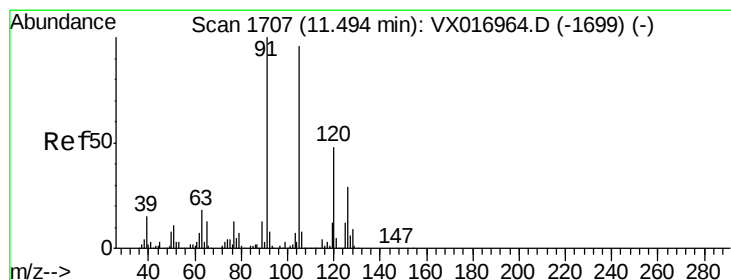
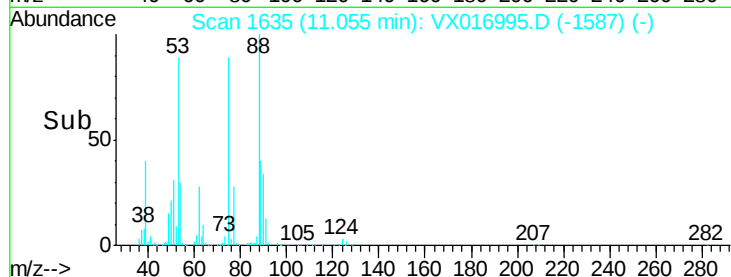
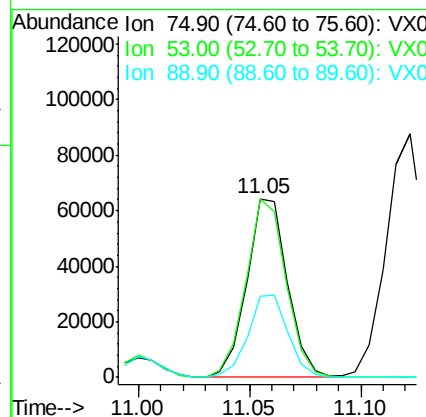
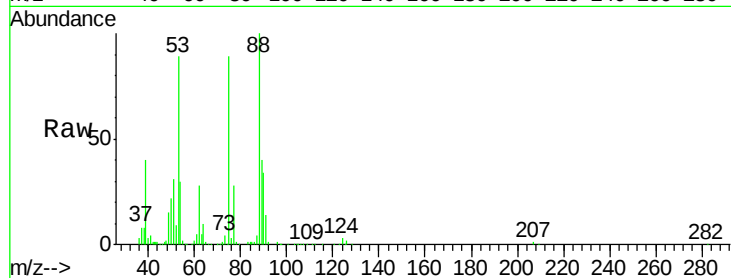




#81
trans-1,4-Dichloro-2-butene
Concen: 44.535 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

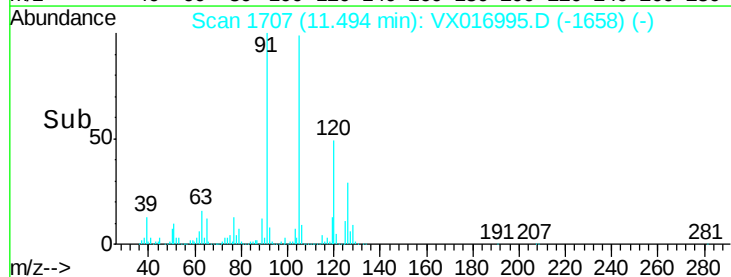
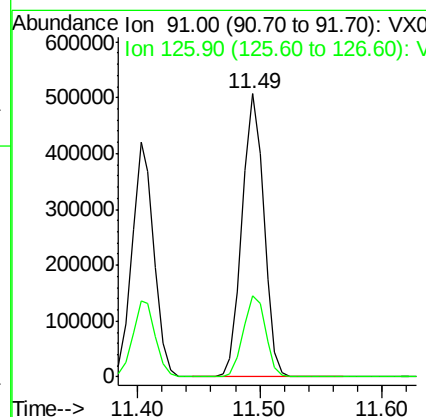
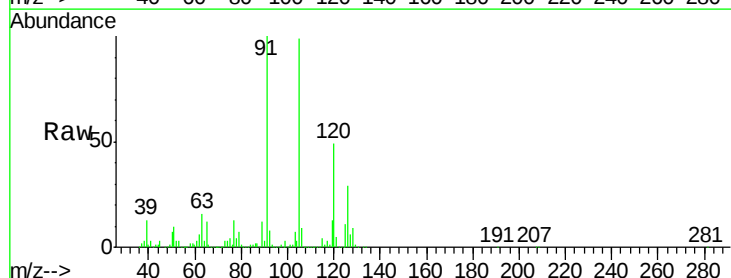
Instrument :
MSVOA_X
ClientSampleId :

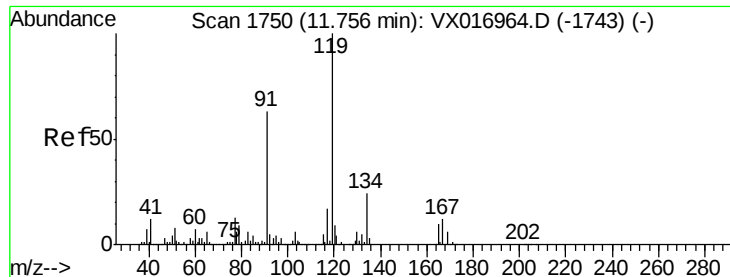
Tot Ion: 75 Resp: 81298
Ion Ratio Lower Upper
75 100
53 98.9 81.9 122.9
89 45.9 35.5 53.3



#82
4-Chlorotoluene
Concen: 48.863 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion: 91 Resp: 620661
Ion Ratio Lower Upper
91 100
126 29.4 14.6 44.0

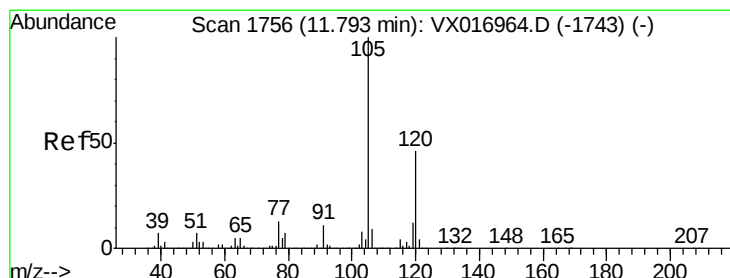
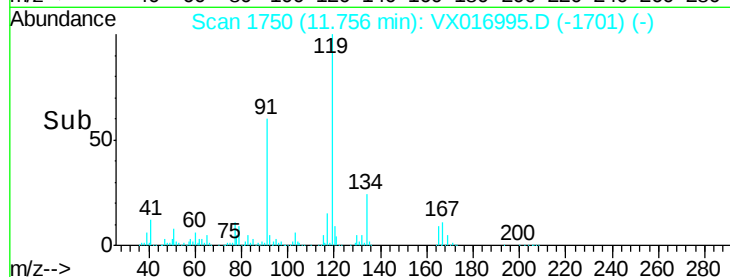
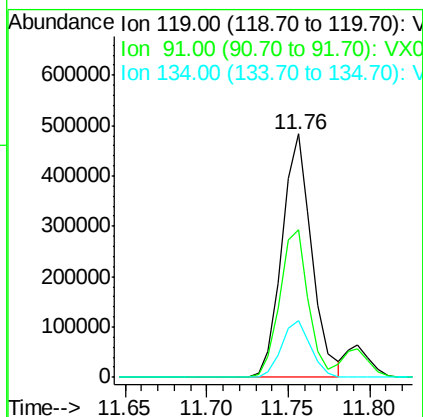
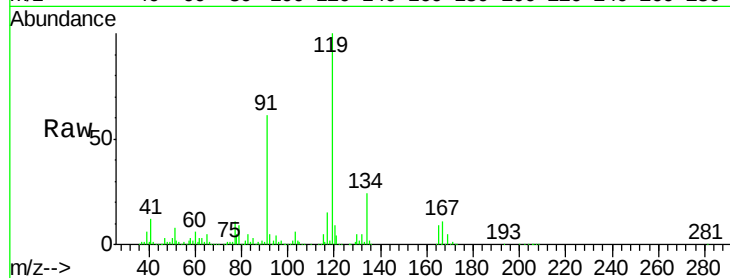




#83
tert-Butylbenzene
Concen: 49.799 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

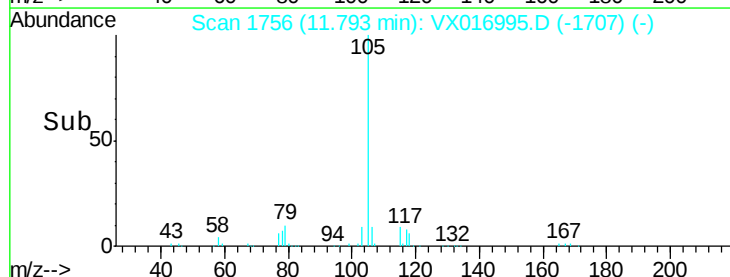
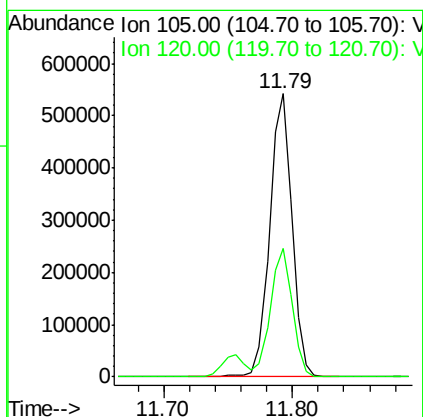
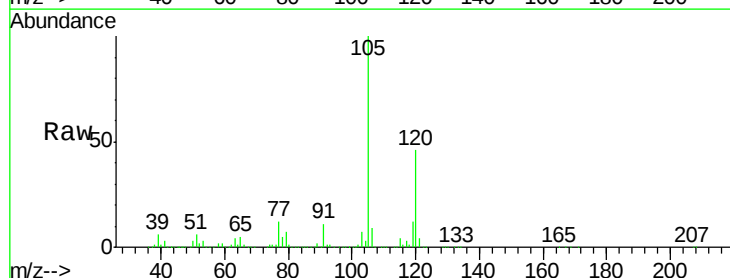
Instrument :
MSVOA_X
ClientSampleId :

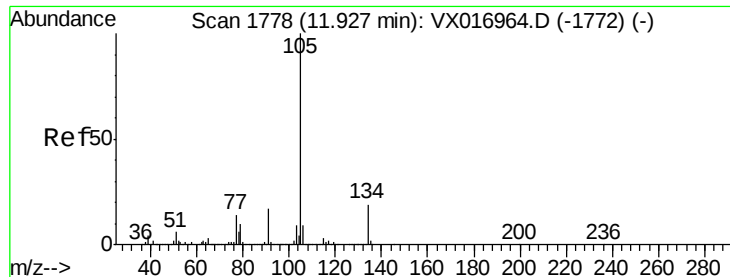
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	30.0	90.0
134	23.0	11.8	35.3



#84
1,2,4-Trimethylbenzene
Concen: 51.209 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.3

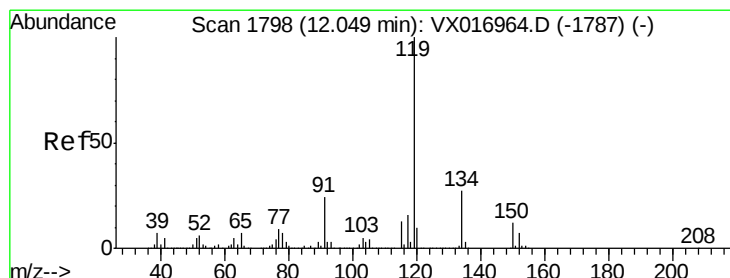
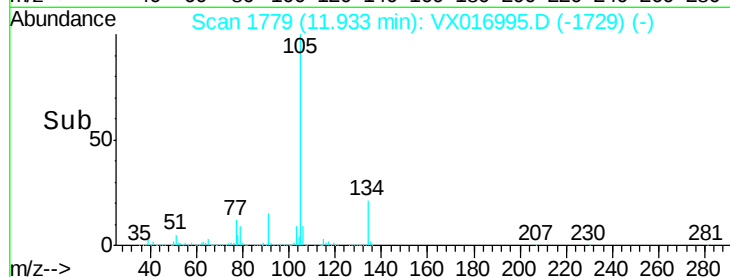
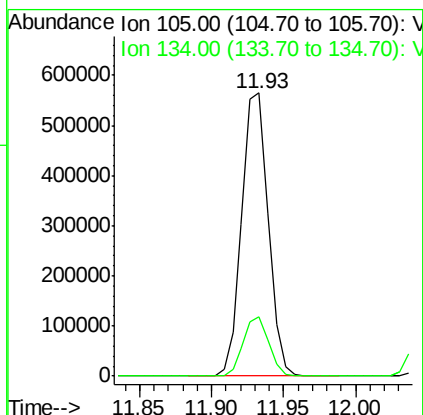
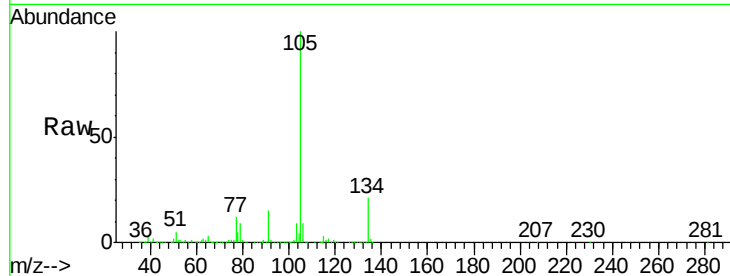




#85
 sec-Butylbenzene
 Concen: 50.275 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

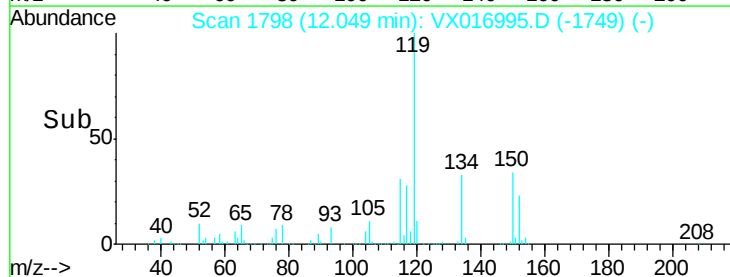
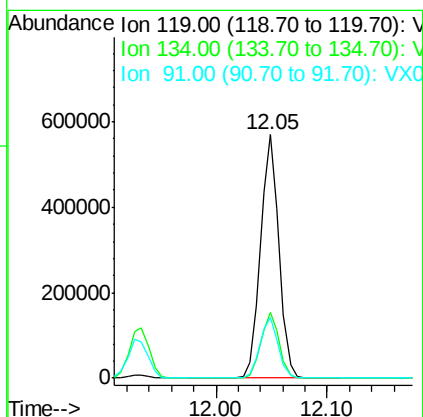
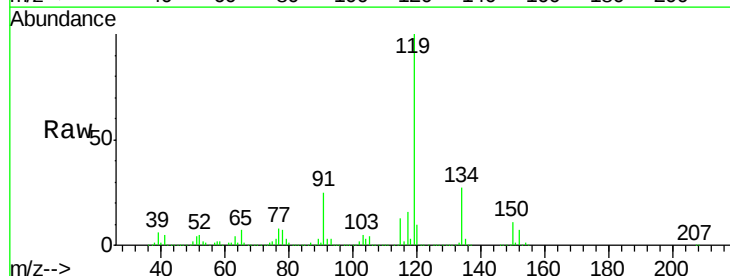
Instrument :
 MSVOA_X
 ClientSampleId :

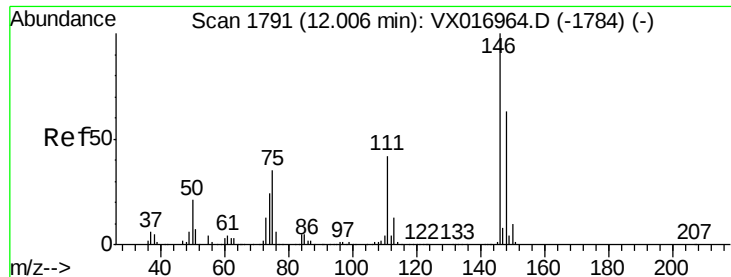
Tot Ion:105 Resp: 721527
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.162 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion:119 Resp: 657763
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.028 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

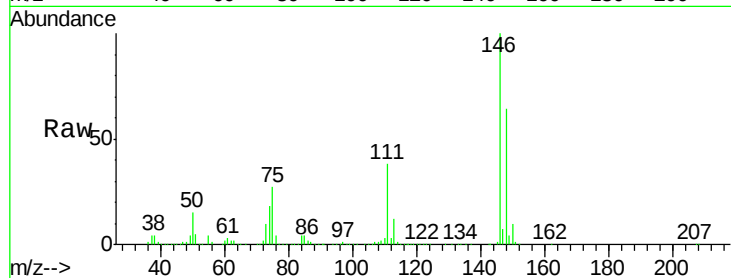
Tot Ion:146 Resp: 346917

Ion Ratio Lower Upper

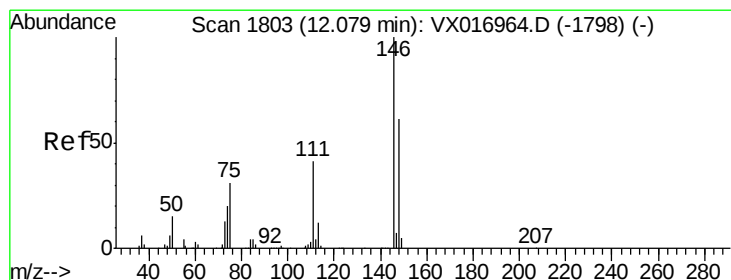
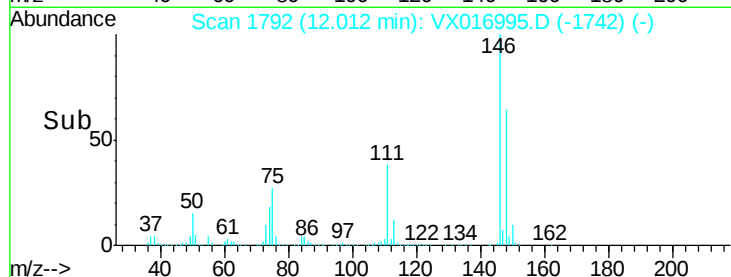
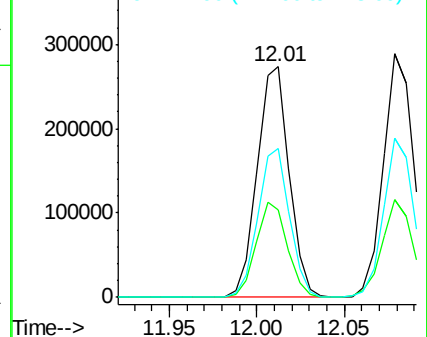
146 100

111 40.5 20.3 60.9

148 64.1 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 48.104 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

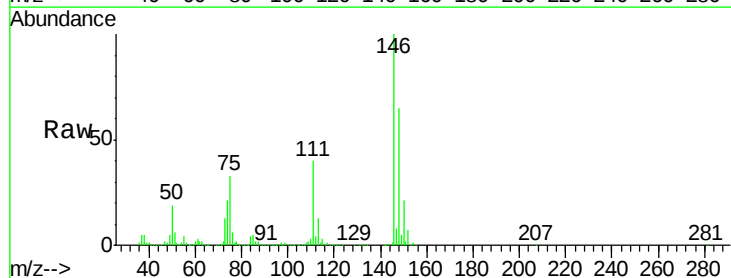
Tgt Ion:146 Resp: 347483

Ion Ratio Lower Upper

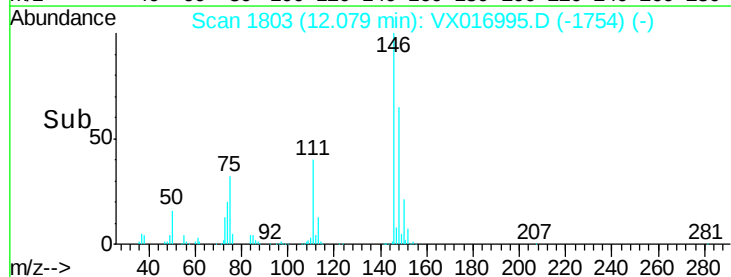
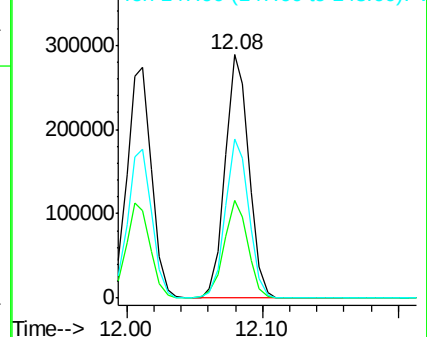
146 100

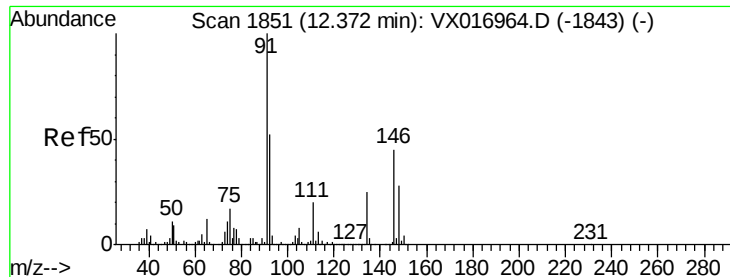
111 40.1 19.9 59.7

148 64.7 31.3 93.9



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





#89

n-Butylbenzene

Concen: 47.578 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

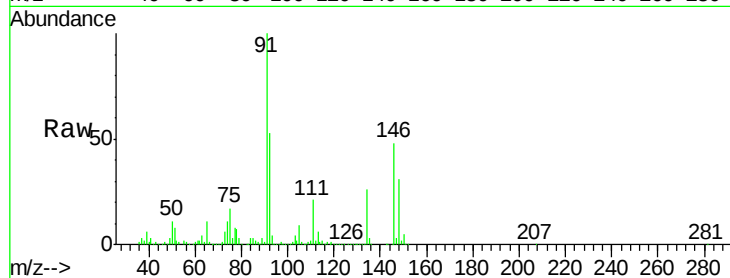
Tot Ion: 91 Resp: 587242

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.7

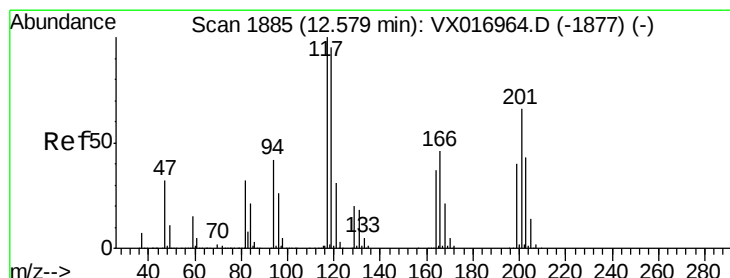
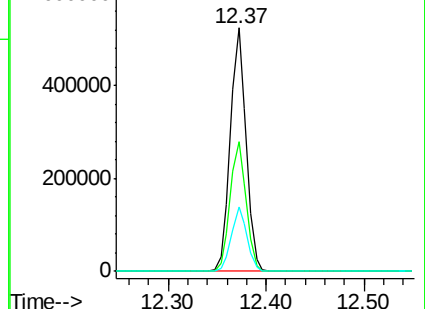
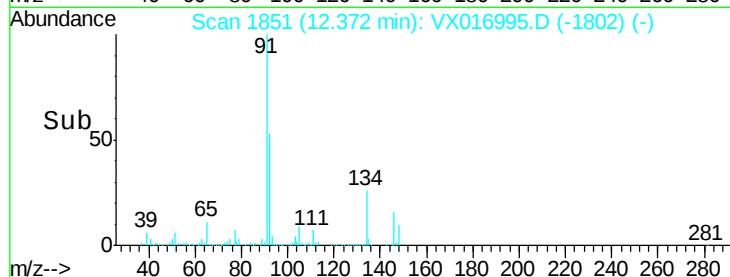
134 26.1 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX016995.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016995.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016995.D (-1802) (-)



#90

Hexachloroethane

Concen: 48.940 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016995.D

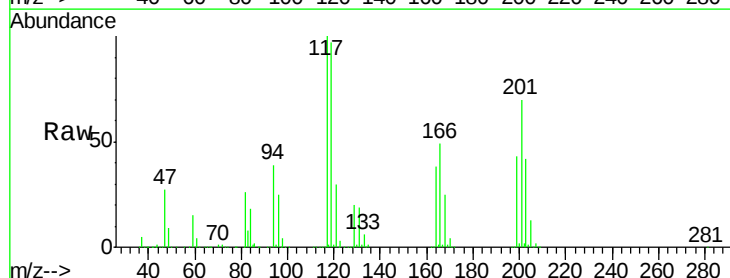
Acq: 26 Jun 2020 19:39

Tgt Ion: 117 Resp: 133036

Ion Ratio Lower Upper

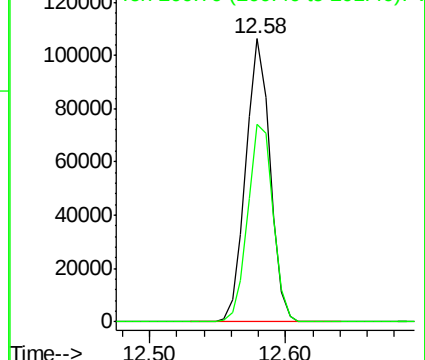
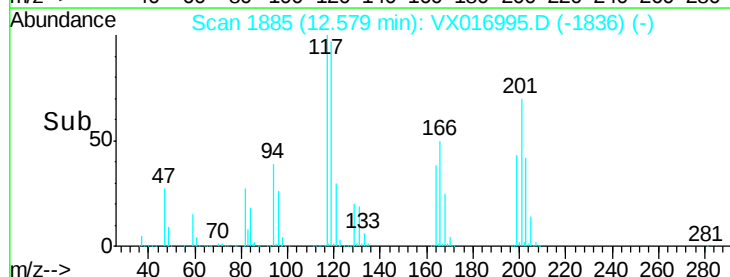
117 100

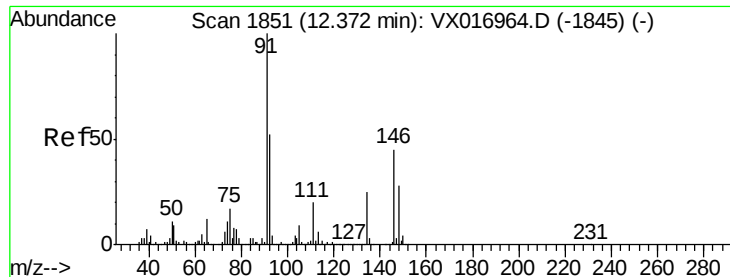
201 72.6 34.0 102.0



Abundance Ion 116.80 (116.50 to 117.50): VX016995.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016995.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 49.493 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

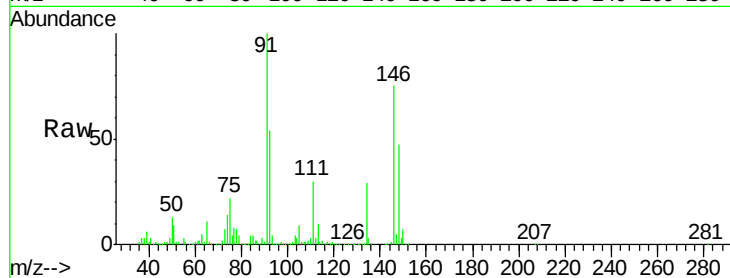
Tot Ion:146 Resp: 332018

Ion Ratio Lower Upper

146 100

111 42.5 21.6 64.6

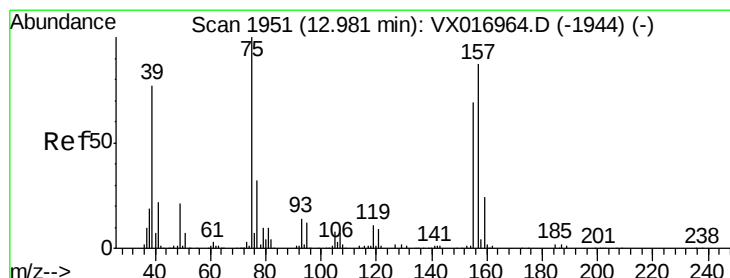
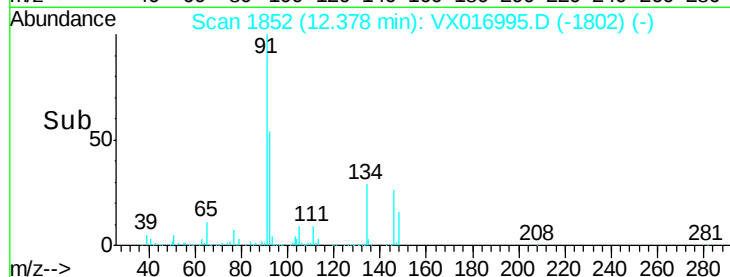
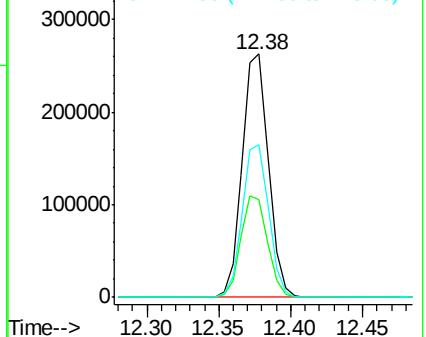
148 63.2 31.9 95.7



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: 47.065 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

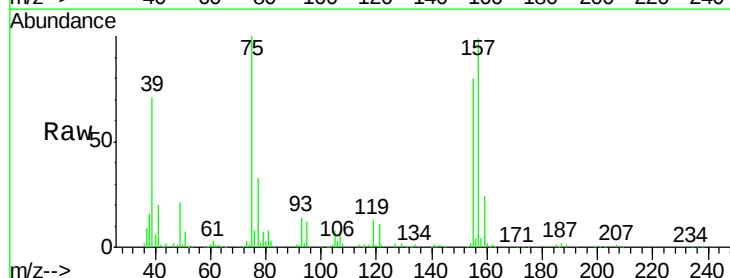
Tgt Ion: 75 Resp: 55109

Ion Ratio Lower Upper

75 100

155 83.1 39.0 117.0

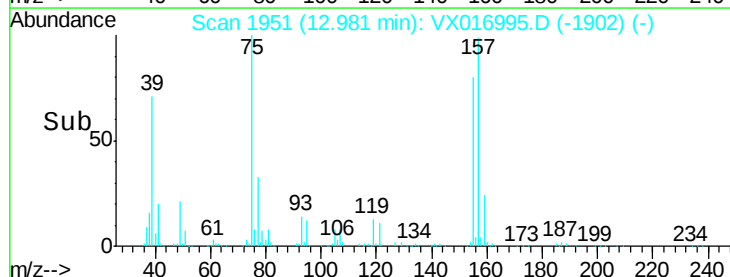
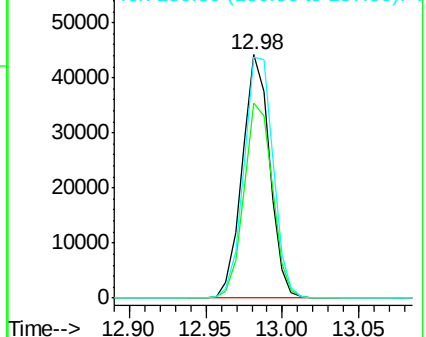
157 105.0 50.0 150.1

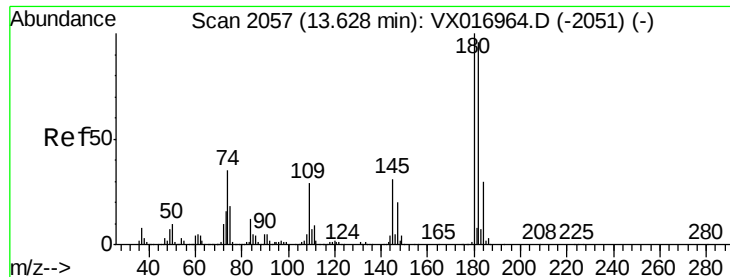


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

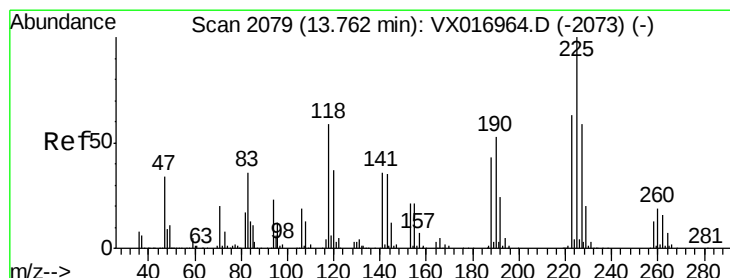
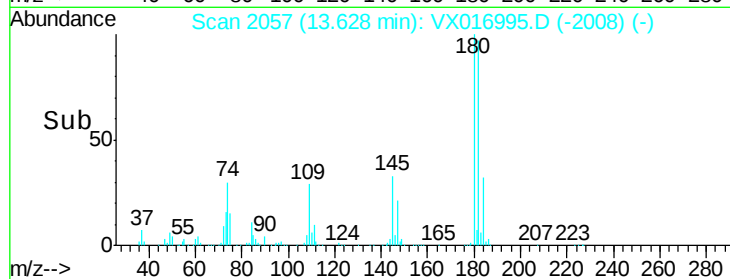
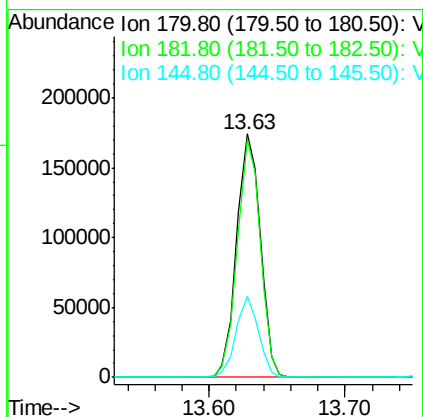
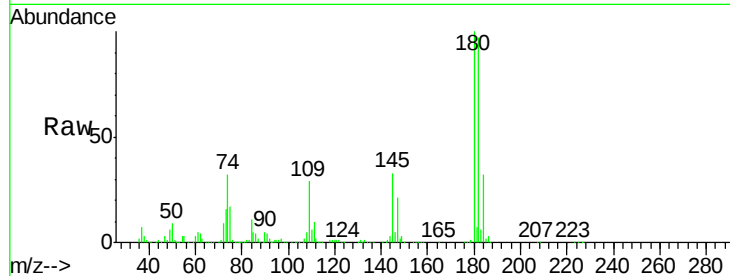




#93
 1,2,4-Trichlorobenzene
 Concen: 48.407 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

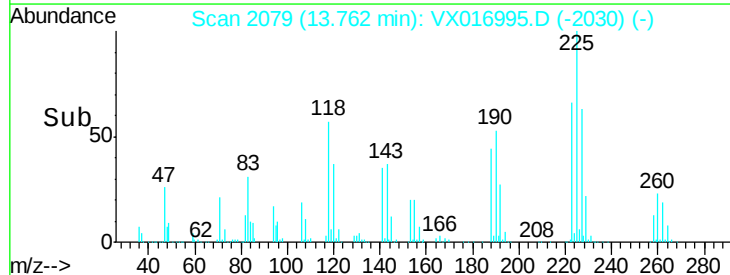
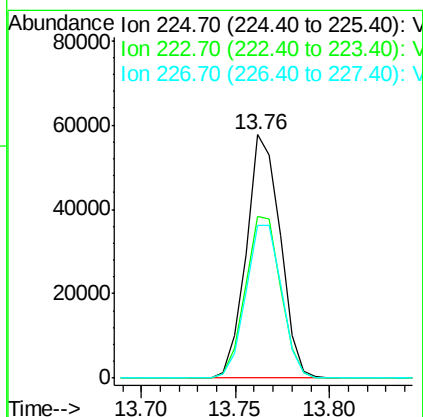
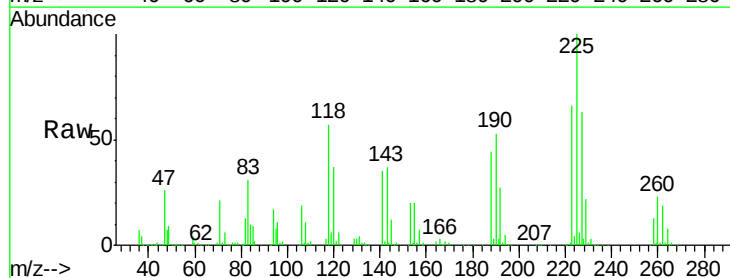
Instrument :
 MSVOA_X
 ClientSampleId :

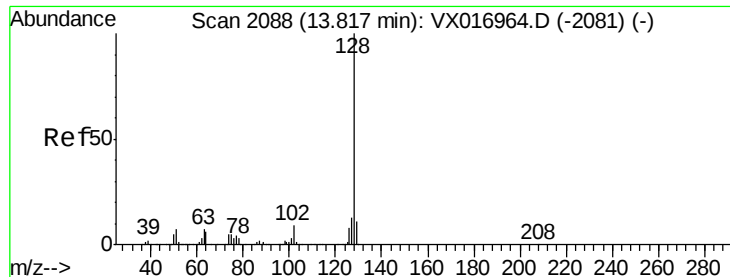
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.4	139.1
145	31.5	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 45.921 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.0	31.1	93.2
227	66.3	30.3	90.9





#95

Naphthalene

Concen: 51.318 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

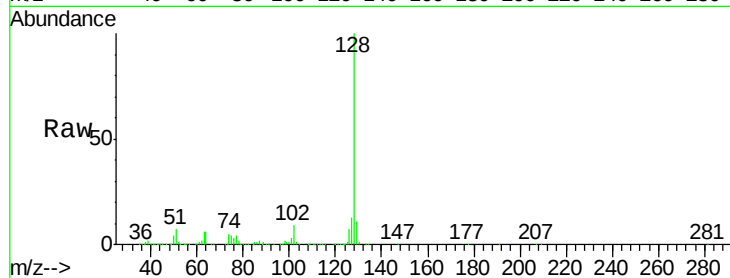
Tot Ion:128 Resp: 737192

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

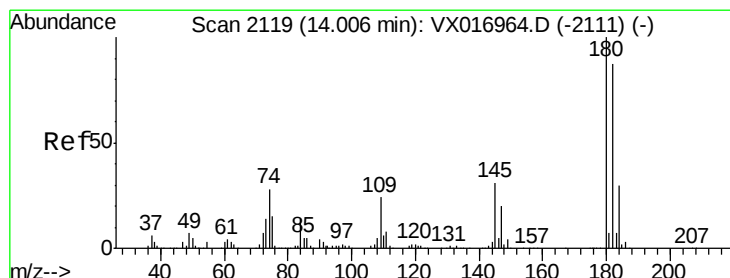
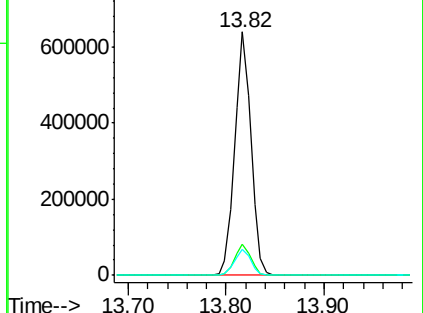
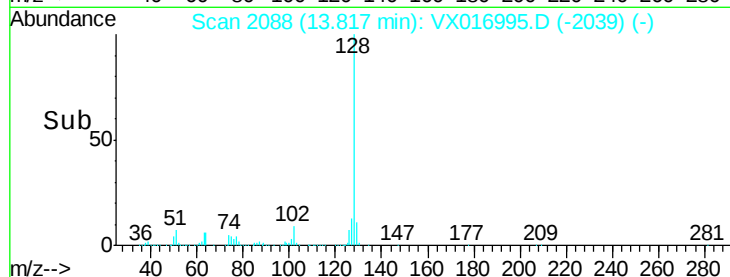
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.244 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

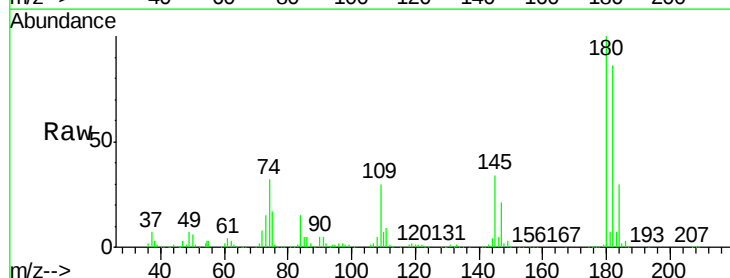
Tgt Ion:180 Resp: 210638

Ion Ratio Lower Upper

180 100

182 92.6 47.8 143.3

145 34.0 16.9 50.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

