

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
 Data File : VX016299.D
 Acq On : 18 May 2020 15:25
 Operator : JC/SP
 Sample : VX0518WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 00:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	316853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	498948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231002	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	179754	43.11	ug/l	0.00
Spiked Amount			Recovery	=	86.22%	
35) Dibromofluoromethane	5.46	113	145082	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	
50) Toluene-d8	8.70	98	559687	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	
62) 4-Bromofluorobenzene	11.12	95	217415	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	55121	16.435	ug/l	98
3) Chloromethane	1.31	50	58252	14.956	ug/l	98
4) Vinyl Chloride	1.39	62	65932	15.866	ug/l	99
5) Bromomethane	1.63	94	39385	18.800	ug/l	99
6) Chloroethane	1.71	64	42325	16.740	ug/l	98
7) Trichlorofluoromethane	1.92	101	91374	16.749	ug/l	98
8) Diethyl Ether	2.17	74	40282	17.524	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54783	17.405	ug/l	99
10) Methyl Iodide	2.49	142	41714	9.867	ug/l	99
11) Tert butyl alcohol	3.01	59	87223	82.727	ug/l	99
12) 1,1-Dichloroethene	2.36	96	54833	16.648	ug/l	99
13) Acrolein	2.27	56	39532	59.917	ug/l	100
14) Allyl chloride	2.70	41	99044	16.400	ug/l	96
15) Acrylonitrile	3.11	53	190593	87.138	ug/l	98
16) Acetone	2.42	43	152870	82.172	ug/l	95
17) Carbon Disulfide	2.55	76	152548	15.279	ug/l	99
18) Methyl Acetate	2.75	43	84733	18.524	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	208784	18.388	ug/l	99
20) Methylene Chloride	2.83	84	64918	16.927	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	60507	16.485	ug/l	97
22) Diisopropyl ether	3.82	45	197262	17.314	ug/l	92
23) Vinyl Acetate	3.78	43	859823	85.779	ug/l	98
24) 1,1-Dichloroethane	3.67	63	110360	17.316	ug/l	99
25) 2-Butanone	4.63	43	255289	85.158	ug/l	100
26) 2,2-Dichloropropane	4.55	77	97498	16.751	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	71437	17.803	ug/l	96
28) Bromochloromethane	4.98	49	51126	17.592	ug/l	95
29) Tetrahydrofuran	5.09	42	165701	83.419	ug/l	96
30) Chloroform	5.17	83	111646	17.594	ug/l	96
31) Cyclohexane	5.55	56	91569	15.809	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	98790	17.127	ug/l	98
36) 1,1-Dichloropropene	5.77	75	84666	17.238	ug/l	99
37) Ethyl Acetate	4.79	43	100038	17.574	ug/l	98
38) Carbon Tetrachloride	5.76	117	86696	17.367	ug/l	93

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Quant Time: May 19 00:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83435	14.106	ug/l	99
40) Benzene	6.11	78	253339	17.629	ug/l	99
41) Methacrylonitrile	5.00	41	52478	17.070	ug/l	97
42) 1,2-Dichloroethane	6.16	62	88407	17.078	ug/l	98
43) Isopropyl Acetate	6.41	43	158546	17.456	ug/l	98
44) Trichloroethene	7.19	130	87156	17.071	ug/l	95
45) 1,2-Dichloropropane	7.49	63	66346	18.246	ug/l	100
46) Dibromomethane	7.64	93	43537	17.618	ug/l	97
47) Bromodichloromethane	7.87	83	90508	17.984	ug/l	99
48) Methyl methacrylate	7.74	41	74616	17.337	ug/l	95
49) 1,4-Dioxane	7.71	88	33733	326.812	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	501133	90.164	ug/l	99
52) Toluene	8.76	92	164045	18.314	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	105587	17.596	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	112382	17.930	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	66384	18.837	ug/l	99
56) Ethyl methacrylate	9.16	69	105911	18.411	ug/l	95
57) 1,3-Dichloropropane	9.35	76	115363	18.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	262479	85.707	ug/l	99
59) 2-Hexanone	9.47	43	380700	87.220	ug/l	97
60) Dibromochloromethane	9.57	129	72752	18.744	ug/l	99
61) 1,2-Dibromoethane	9.65	107	70742	18.532	ug/l	99
64) Tetrachloroethene	9.32	164	99676	17.873	ug/l	97
65) Chlorobenzene	10.12	112	174007	18.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	67054	19.072	ug/l	99
67) Ethyl Benzene	10.23	91	305367	17.992	ug/l	100
68) m/p-Xylenes	10.34	106	232562	36.574	ug/l	99
69) o-Xylene	10.68	106	111551	18.250	ug/l	99
70) Styrene	10.70	104	188079	18.138	ug/l	99
71) Bromoform	10.84	173	55163	19.258	ug/l #	100
73) Isopropylbenzene	11.00	105	288261	17.157	ug/l	100
74) N-amyl acetate	10.88	43	132789	16.944	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	66499	22.444	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	124122	23.678	ug/l	85
77) Bromobenzene	11.24	156	78136	18.017	ug/l	96
78) n-propylbenzene	11.34	91	325988	16.678	ug/l	100
79) 2-Chlorotoluene	11.40	91	199782	17.316	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	237325	16.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38004	17.277	ug/l	97
82) 4-Chlorotoluene	11.49	91	236868	17.385	ug/l	99
83) tert-Butylbenzene	11.76	119	195993	16.031	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	241827	16.861	ug/l	100
85) sec-Butylbenzene	11.93	105	244552	14.815	ug/l	100
86) p-Isopropyltoluene	12.05	119	229595	14.981	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	136212	17.492	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	138171	17.482	ug/l	98
89) n-Butylbenzene	12.37	91	190073	13.576	ug/l	100
90) Hexachloroethane	12.58	117	37952	14.419	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	132002	17.605	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22565	16.333	ug/l	94

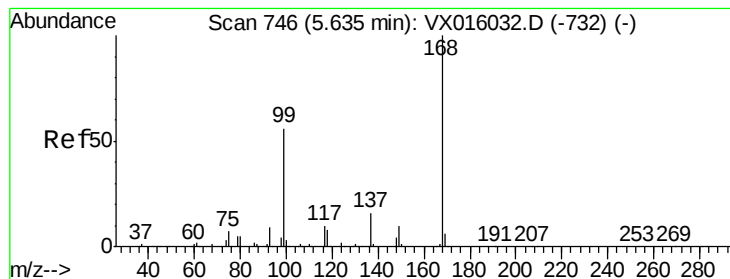
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	87977	15.848	ug/l	98
94) Hexachlorobutadiene	13.77	225	33068	14.213	ug/l	98
95) Naphthalene	13.82	128	311881	17.351	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	85169	15.699	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

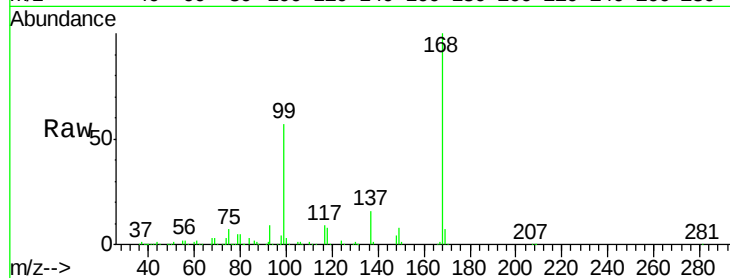
ClientSampleId :

Tot Ion:168 Resp: 316853

Ion Ratio Lower Upper

168 100

99 57.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

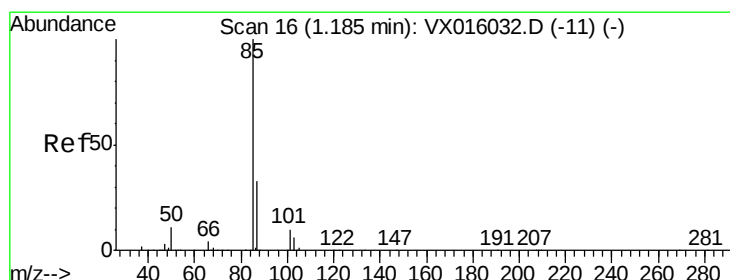
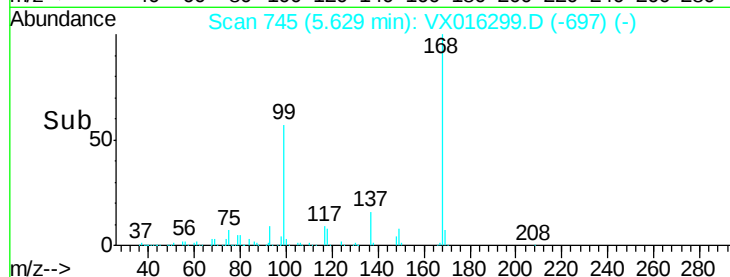
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.435 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016299.D

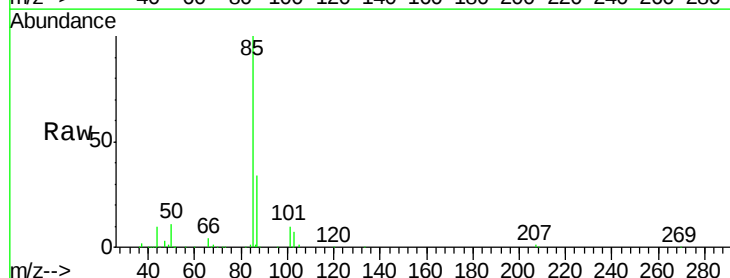
Acq: 18 May 2020 15:25

Tgt Ion: 85 Resp: 55121

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

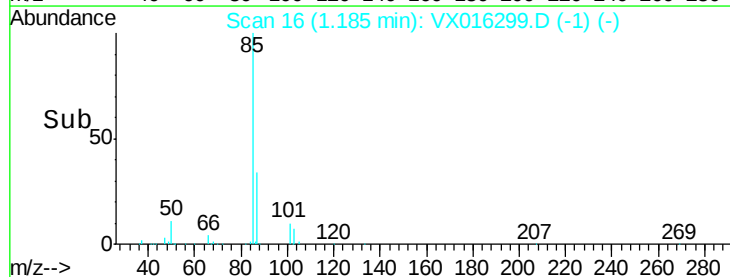
40000

20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 14.956 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

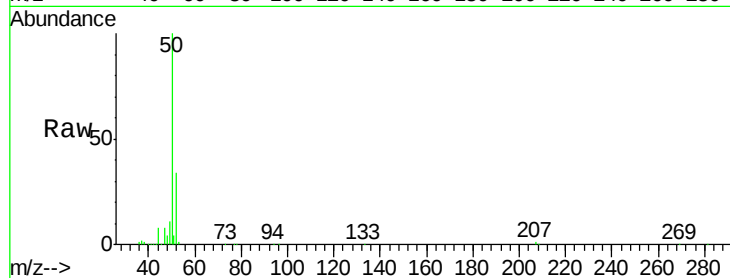
ClientSampleId :

Tot Ion: 50 Resp: 58252

Ion Ratio Lower Upper

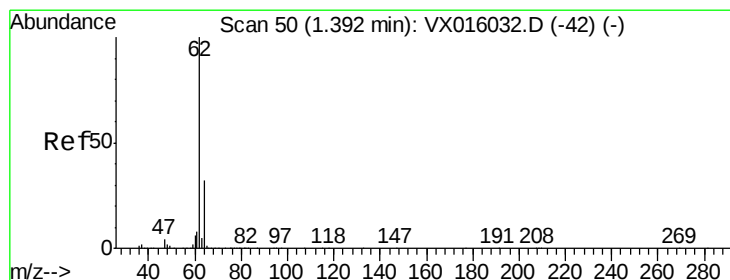
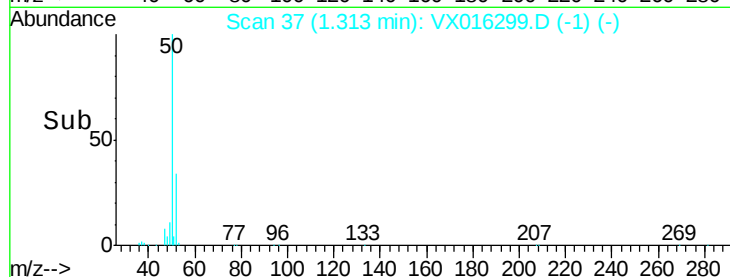
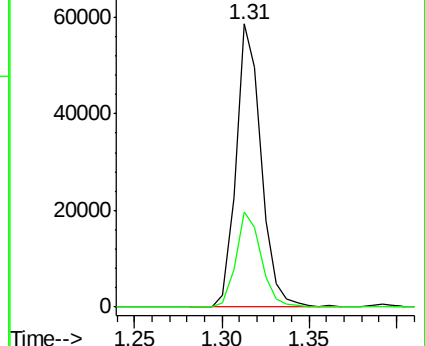
50 100

52 33.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.866 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016299.D

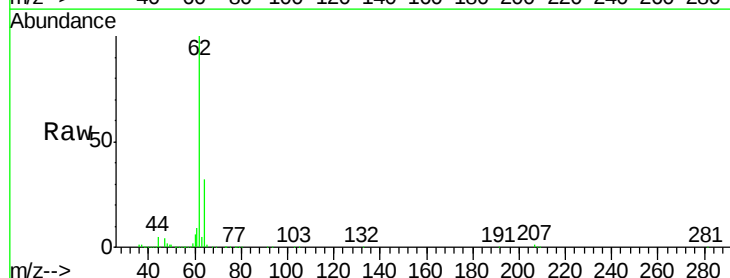
Acq: 18 May 2020 15:25

Tgt Ion: 62 Resp: 65932

Ion Ratio Lower Upper

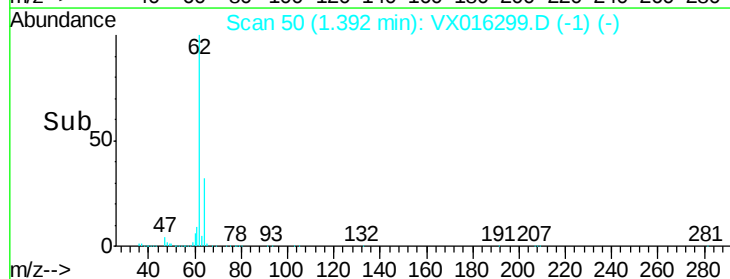
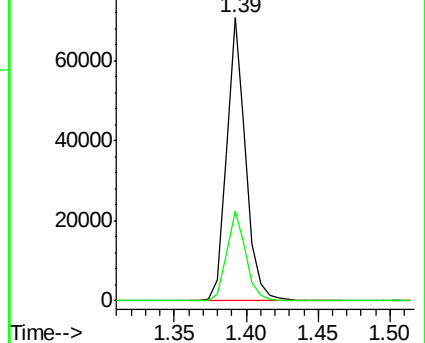
62 100

64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.800 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

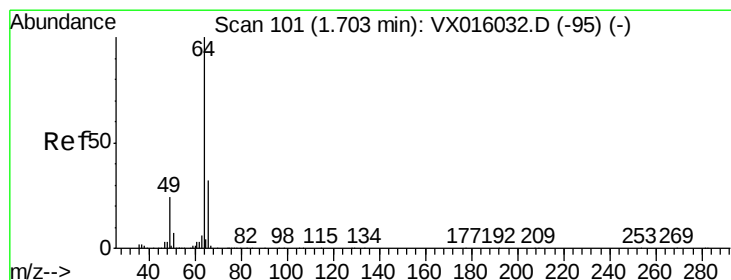
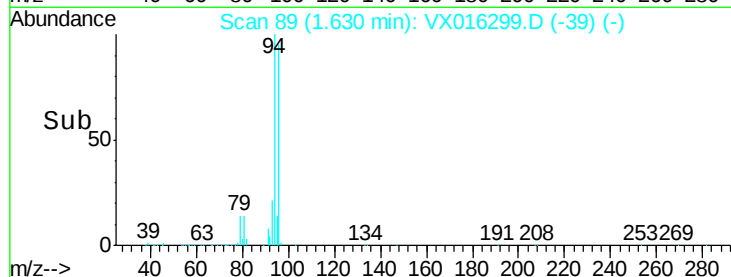
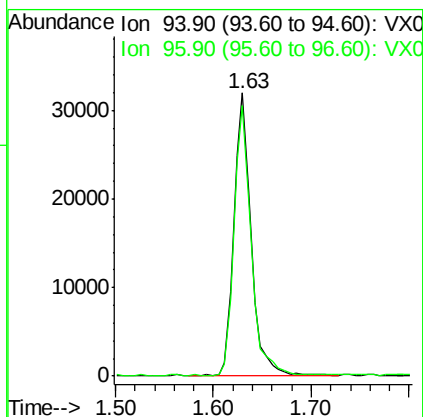
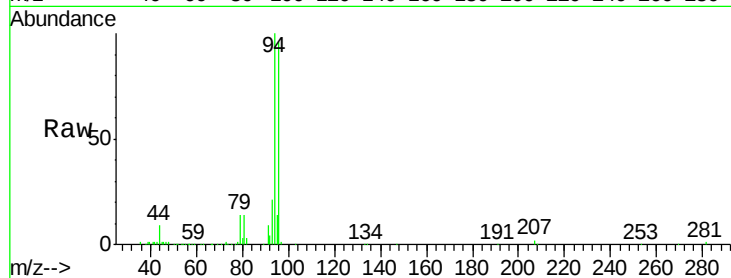
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 39385

Ion Ratio Lower Upper

94 100

96 95.4 76.9 115.3



#6

Chloroethane

Concen: 16.740 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016299.D

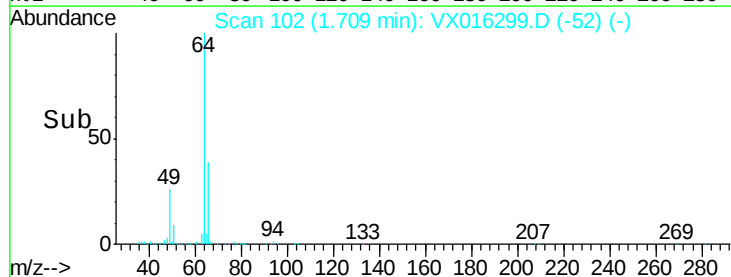
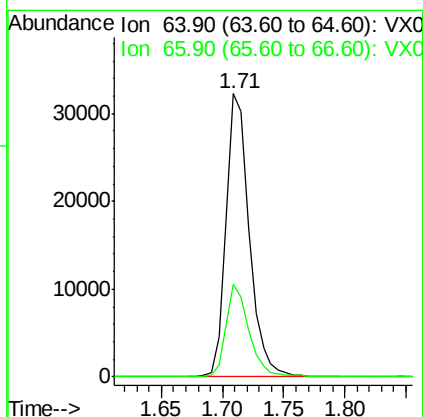
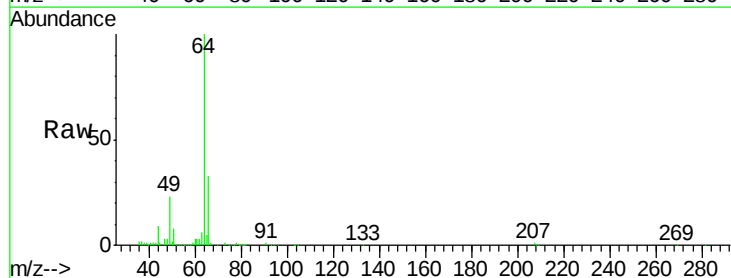
Acq: 18 May 2020 15:25

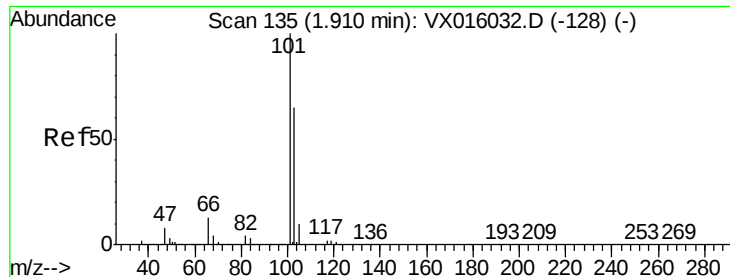
Tgt Ion: 64 Resp: 42325

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8



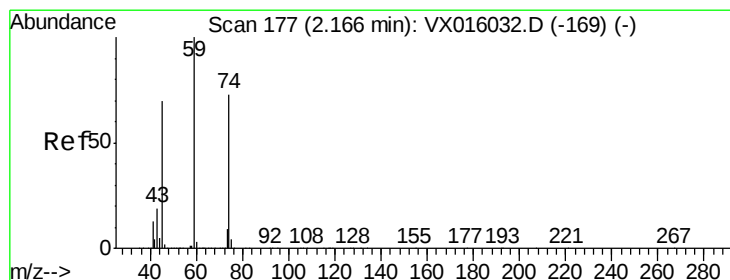
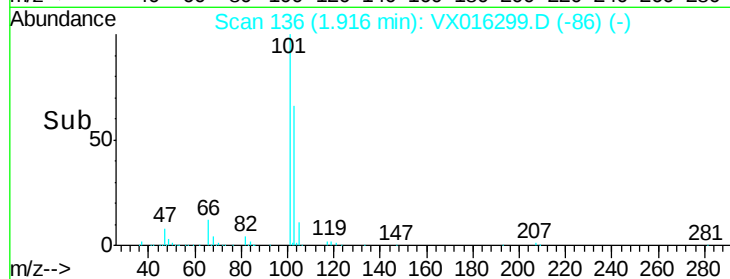
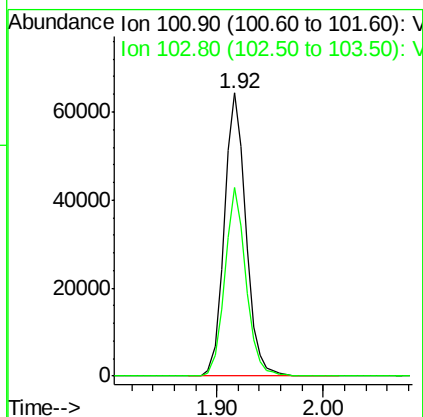
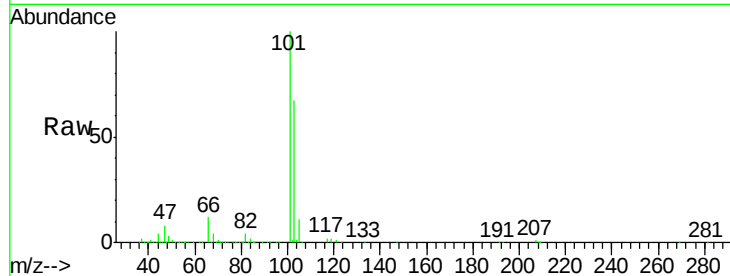


#7

Trichlorofluoromethane
Concen: 16.749 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :

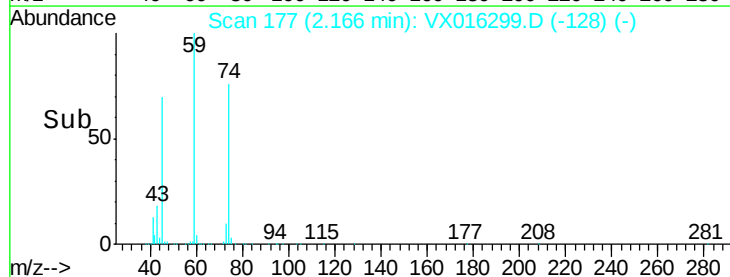
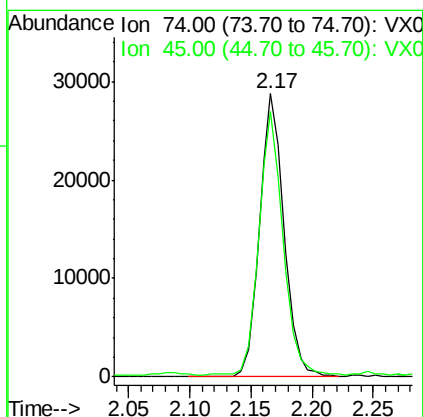
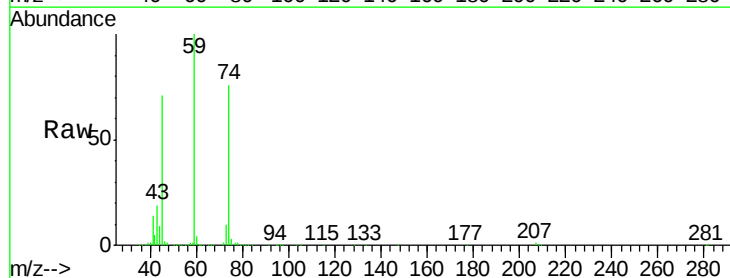
Tot Ion:101 Resp: 91374
Ion Ratio Lower Upper
101 100
103 66.6 51.8 77.6

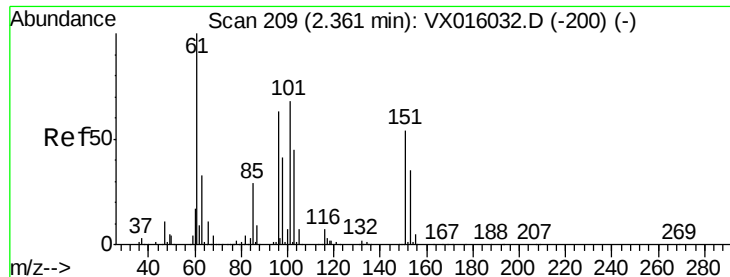


#8

Diethyl Ether
Concen: 17.524 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion: 74 Resp: 40282
Ion Ratio Lower Upper
74 100
45 91.2 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.405 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

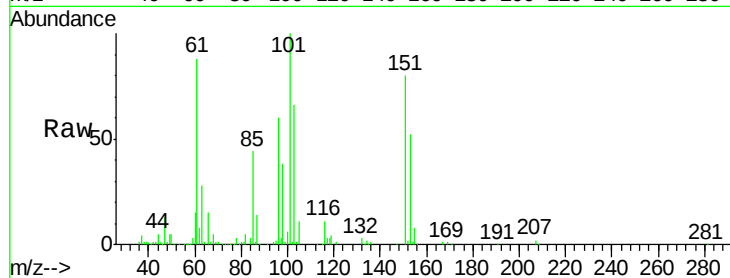
Tot Ion:101 Resp: 54783

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

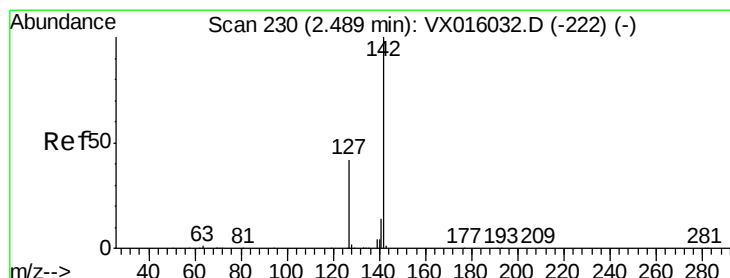
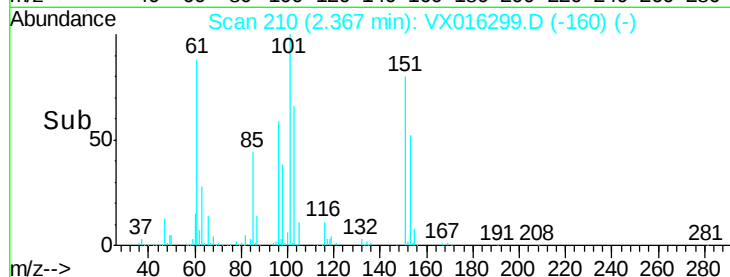
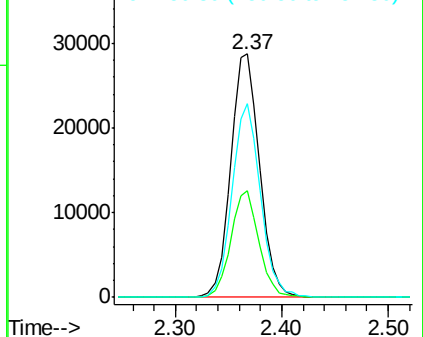
151 78.4 62.1 93.1



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: 9.867 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

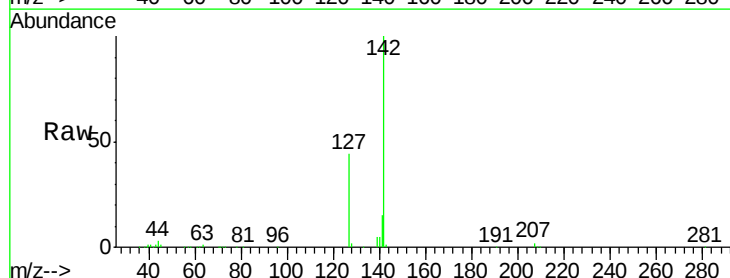
Tgt Ion:142 Resp: 41714

Ion Ratio Lower Upper

142 100

127 43.8 34.6 52.0

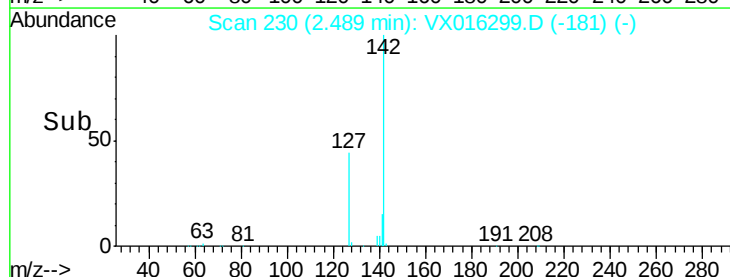
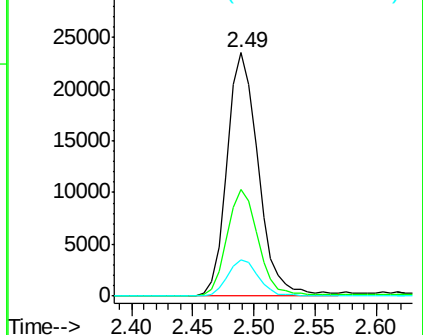
141 14.9 11.3 16.9



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



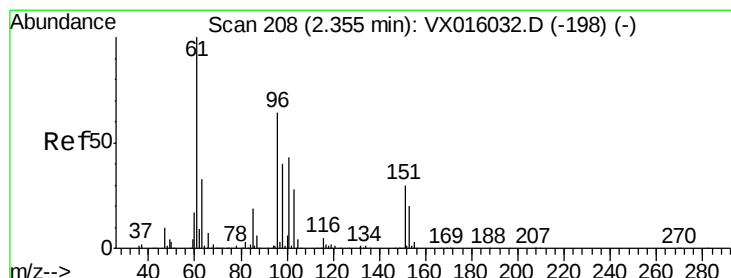
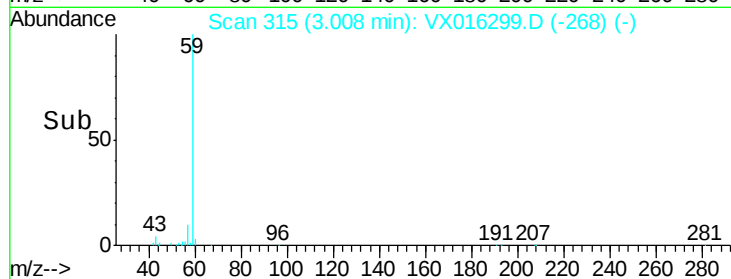
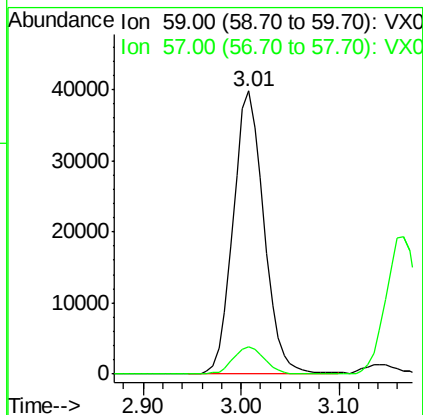
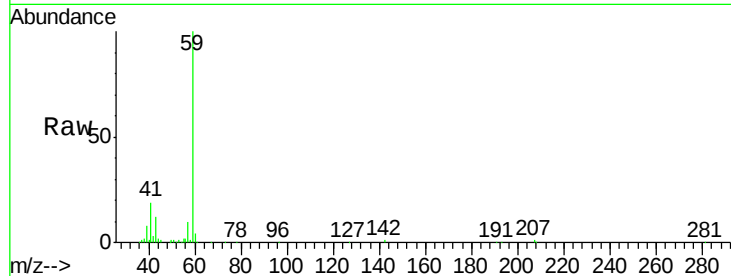


#11

Tert butyl alcohol
Concen: 82.727 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampled :

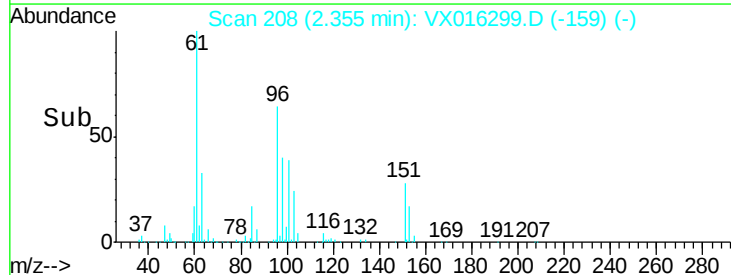
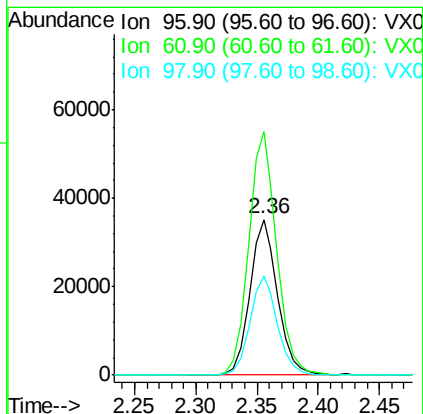
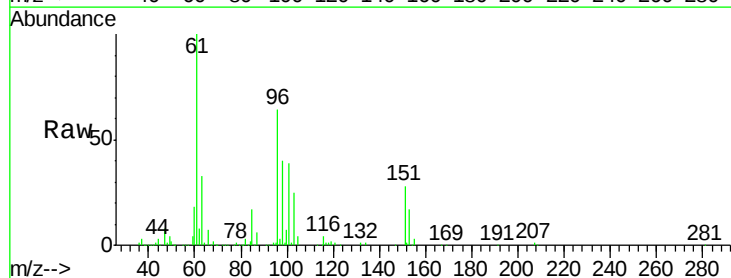
Tot Ion: 59 Resp: 87223
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

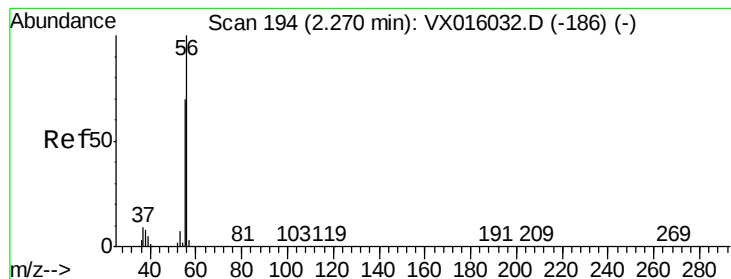


#12

1,1-Dichloroethene
Concen: 16.648 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion: 96 Resp: 54833
Ion Ratio Lower Upper
96 100
61 156.6 124.8 187.2
98 63.3 49.7 74.5





#13

Acrolein

Concen: 59.917 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

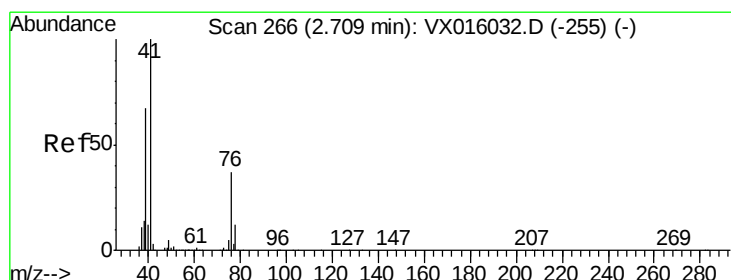
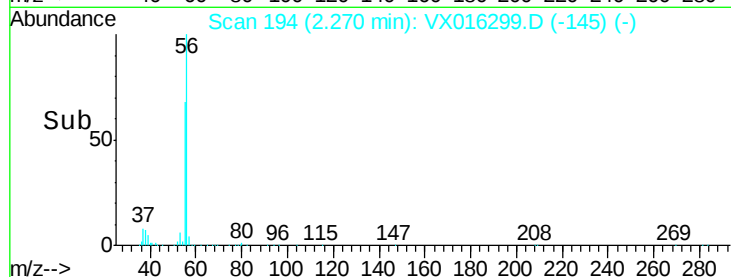
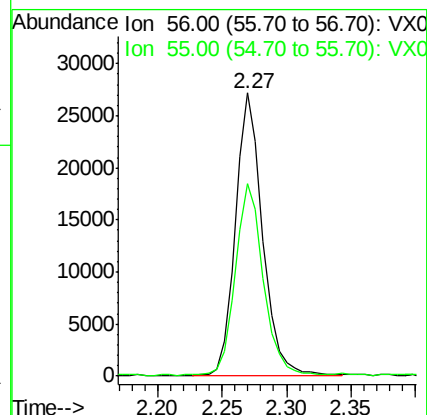
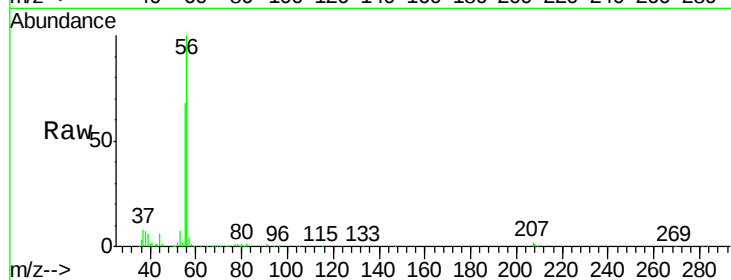
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 39532

Ion Ratio Lower Upper

56 100

55 70.4 56.5 84.7



#14

Allyl chloride

Concen: 16.400 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

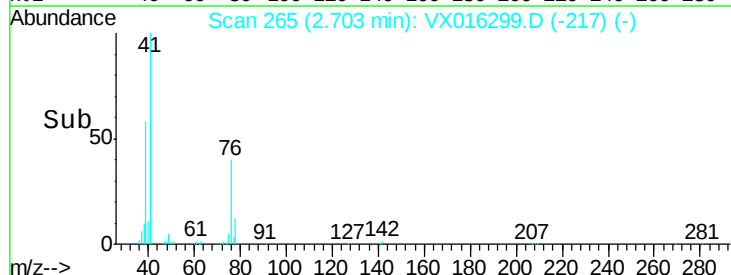
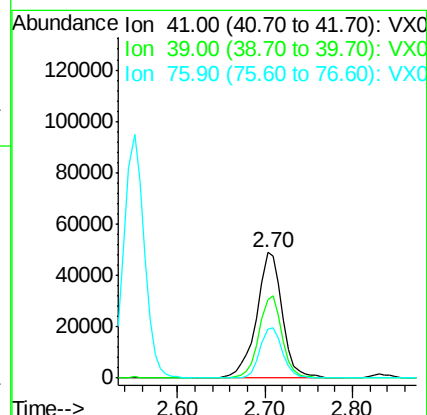
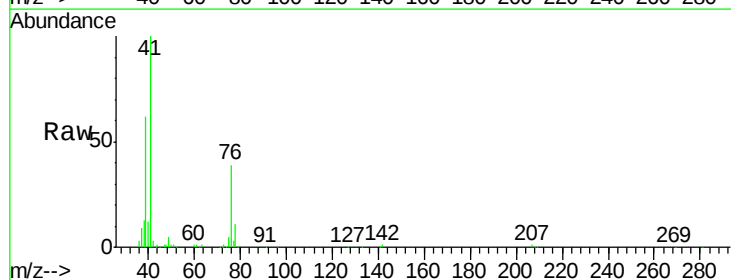
Tgt Ion: 41 Resp: 99044

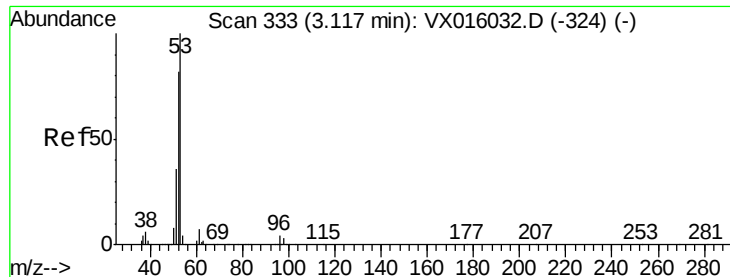
Ion Ratio Lower Upper

41 100

39 59.6 50.5 75.7

76 35.3 26.6 40.0





#15

Acrylonitrile

Concen: 87.138 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

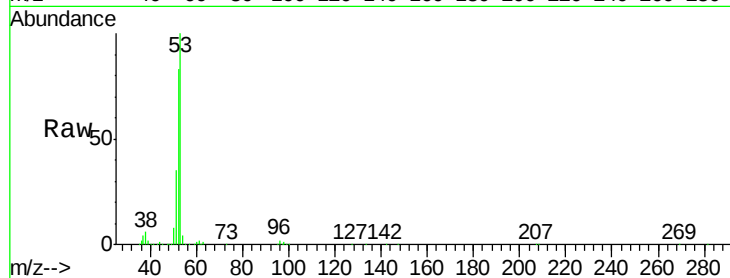
Tot Ion: 53 Resp: 190593

Ion Ratio Lower Upper

53 100

52 80.8 66.1 99.1

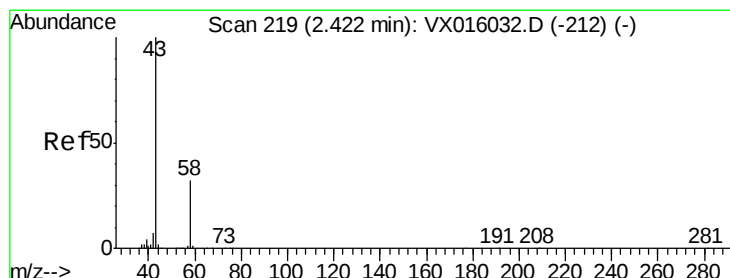
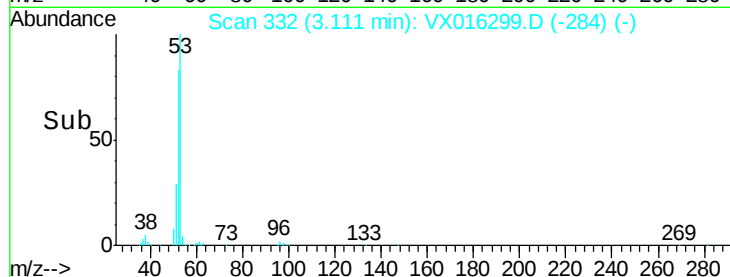
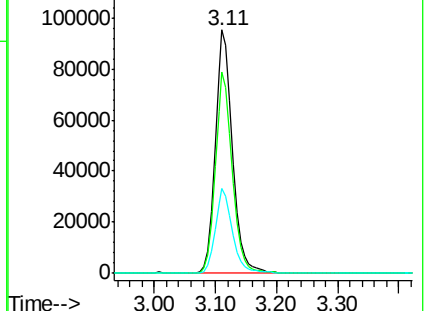
51 35.0 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 82.172 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016299.D

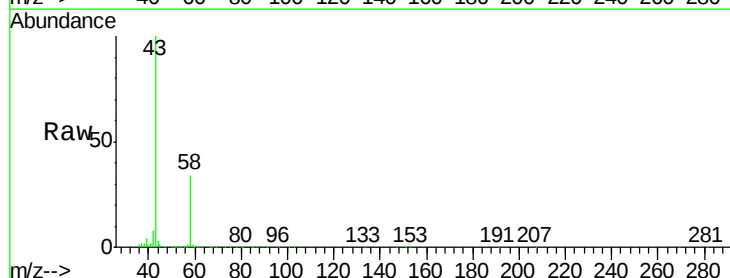
Acq: 18 May 2020 15:25

Tgt Ion: 43 Resp: 152870

Ion Ratio Lower Upper

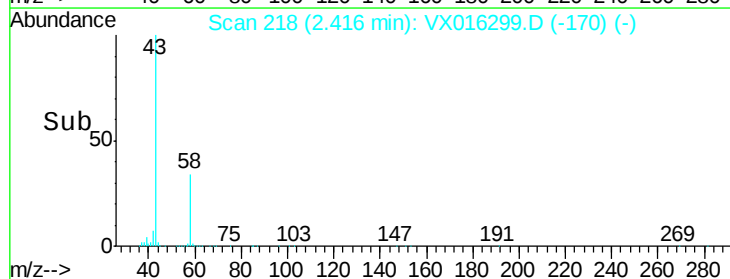
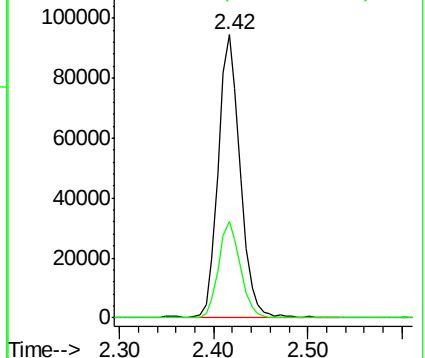
43 100

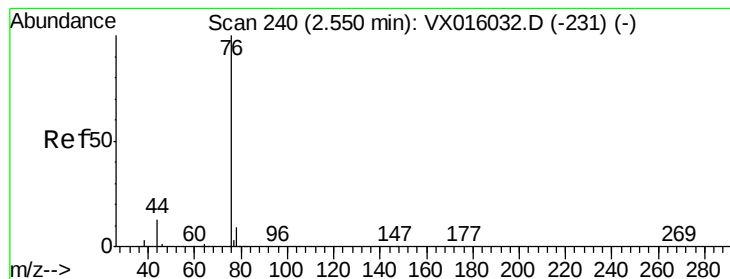
58 34.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.279 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

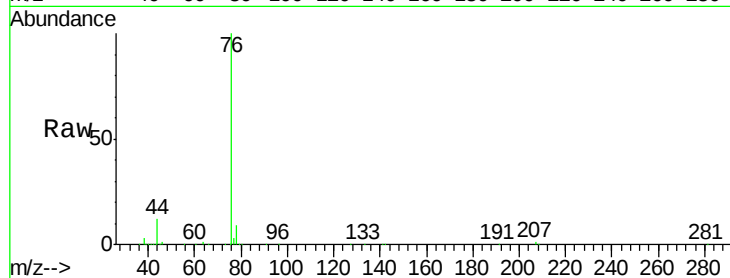
ClientSampled :

Tot Ion: 76 Resp: 152548

Ion Ratio Lower Upper

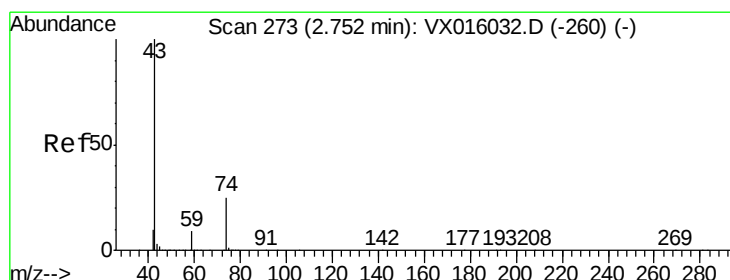
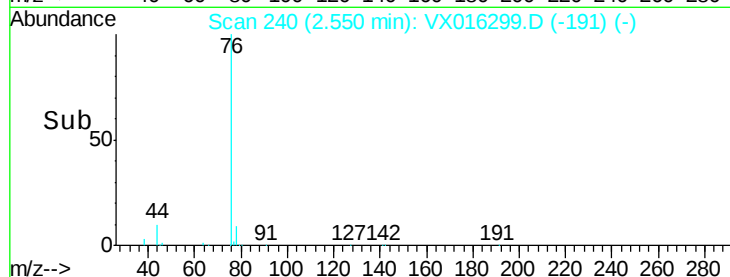
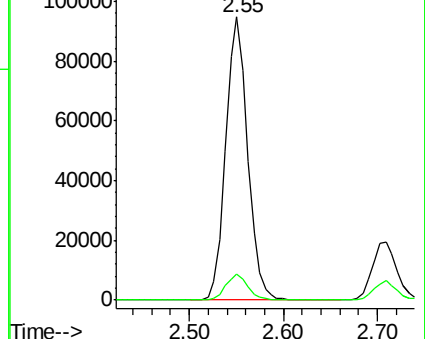
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.524 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016299.D

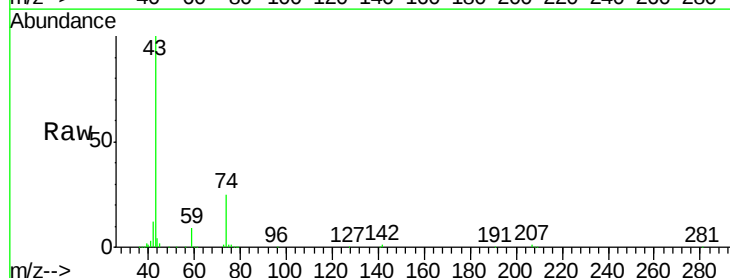
Acq: 18 May 2020 15:25

Tgt Ion: 43 Resp: 84733

Ion Ratio Lower Upper

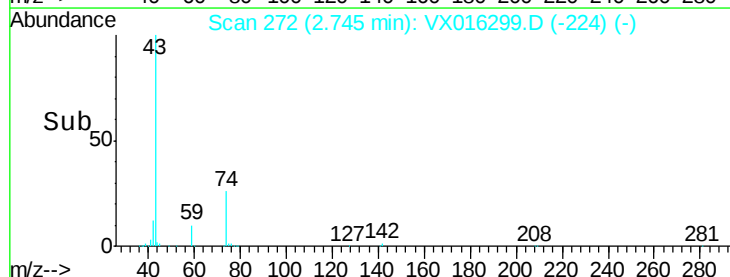
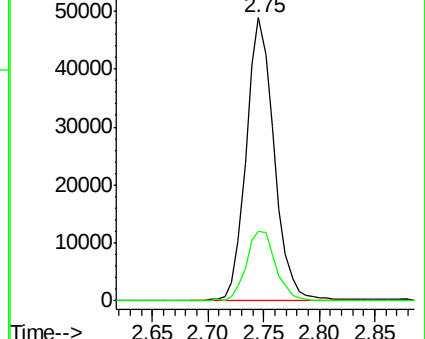
43 100

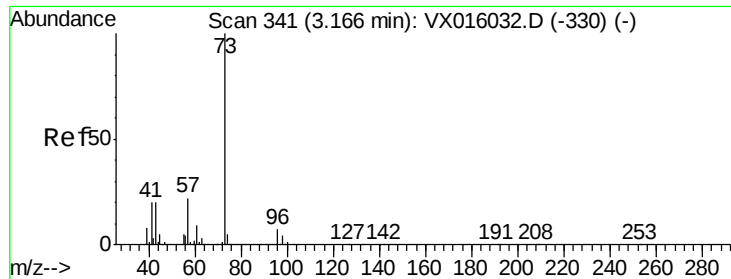
74 26.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



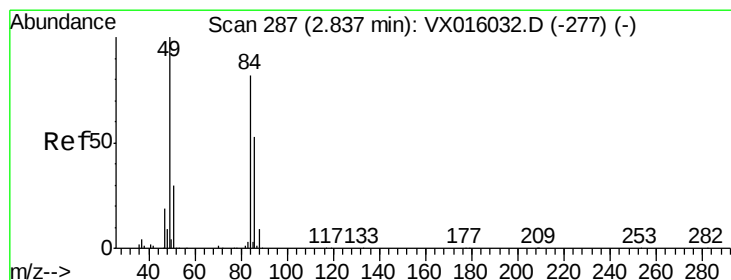
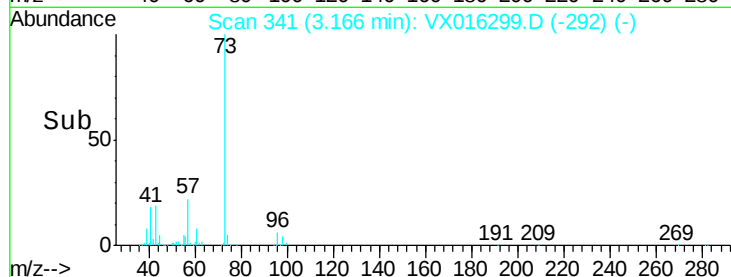
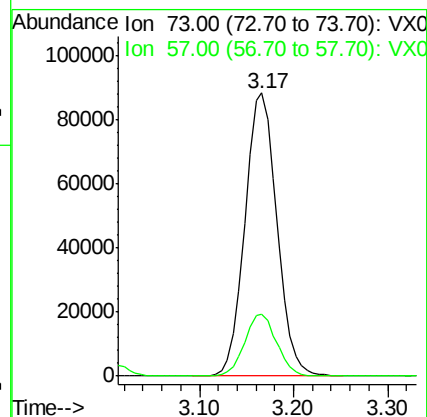
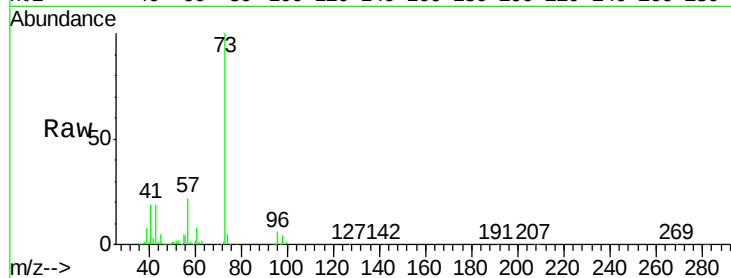


#19

Methyl tert-butyl Ether
 Concen: 18.388 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

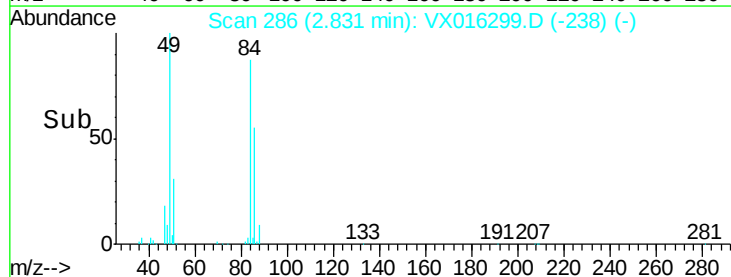
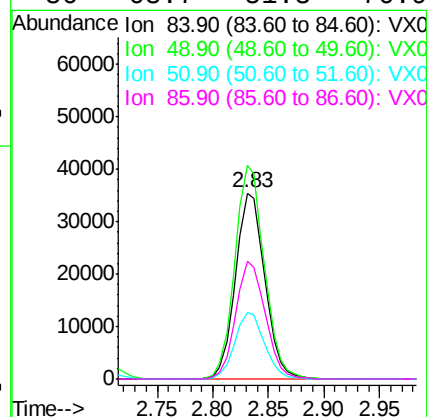
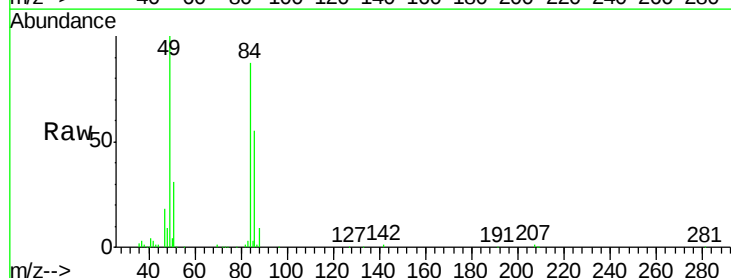
Tot Ion: 73 Resp: 208784
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.6

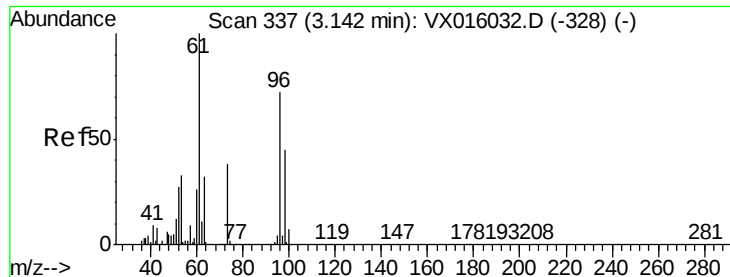


#20

Methylene Chloride
 Concen: 16.927 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion: 84 Resp: 64918
 Ion Ratio Lower Upper
 84 100
 49 115.0 97.3 145.9
 51 35.8 29.3 43.9
 86 63.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 16.485 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampled :

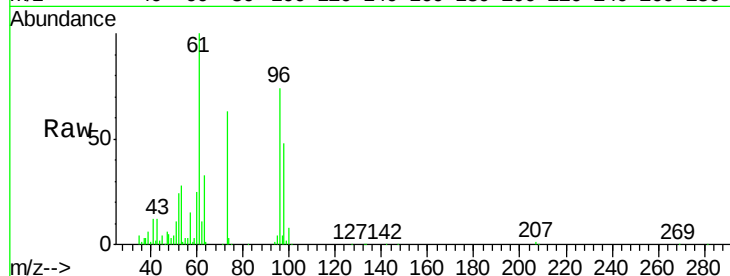
Tot Ion: 96 Resp: 60507

Ion Ratio Lower Upper

96 100

61 135.4 111.2 166.8

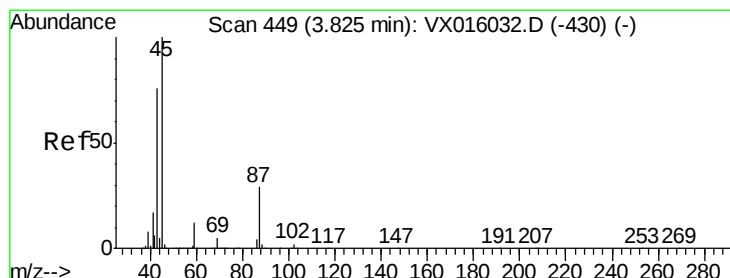
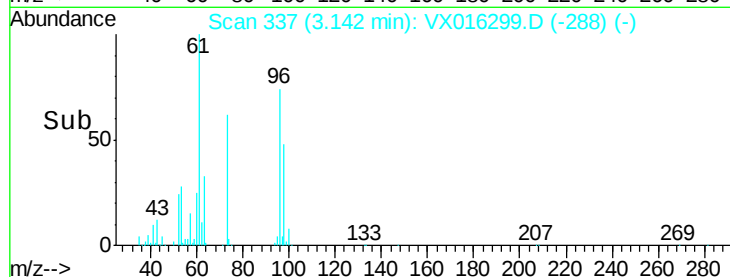
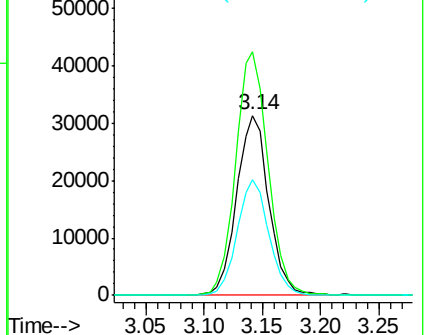
98 64.4 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.314 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion: 45 Resp: 197262

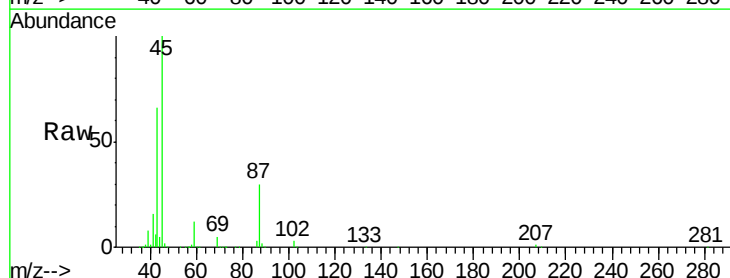
Ion Ratio Lower Upper

45 100

43 66.2 61.1 91.7

87 29.9 23.0 34.6

59 11.6 9.8 14.6

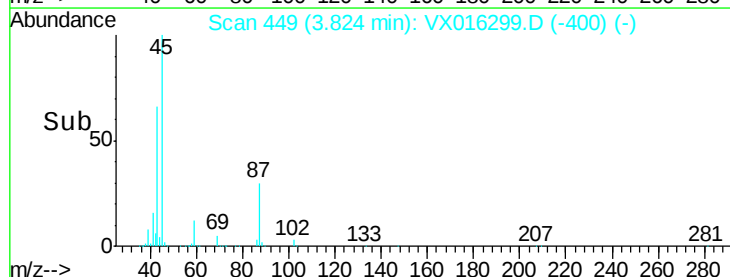
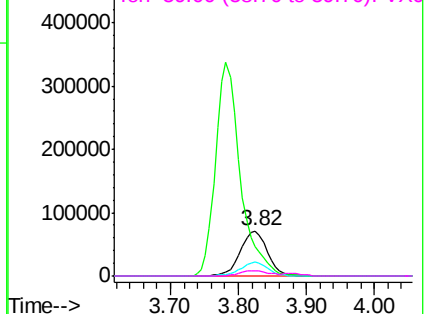


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 85.779 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

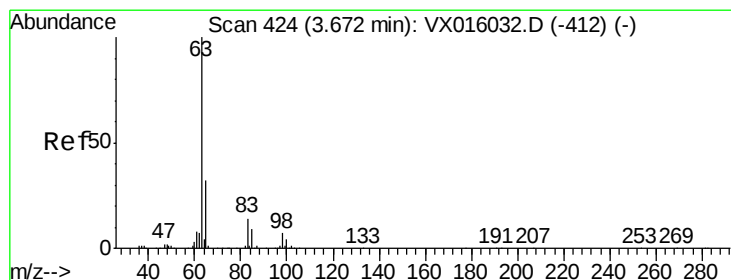
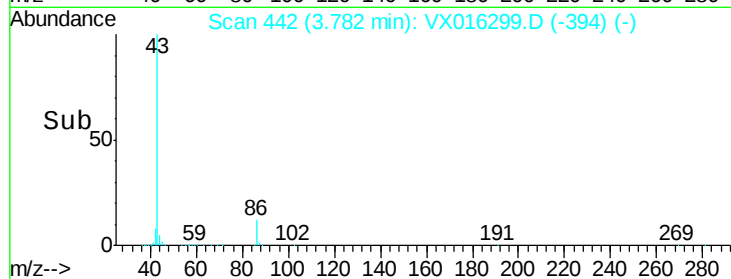
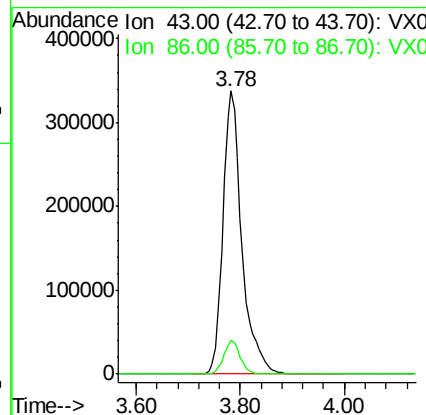
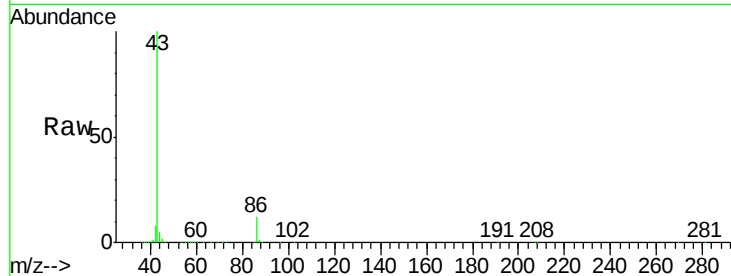
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 859823

Ion Ratio Lower Upper

43 100

86 11.9 9.0 13.4



#24

1,1-Dichloroethane

Concen: 17.316 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

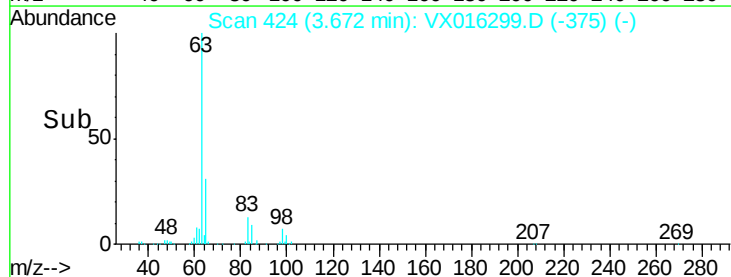
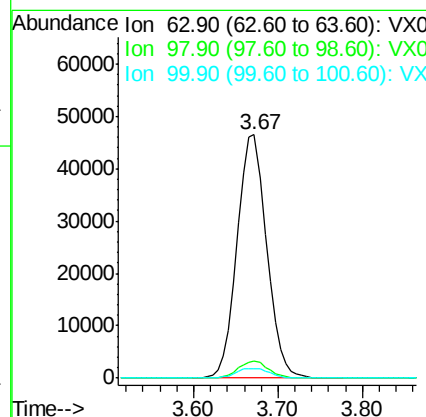
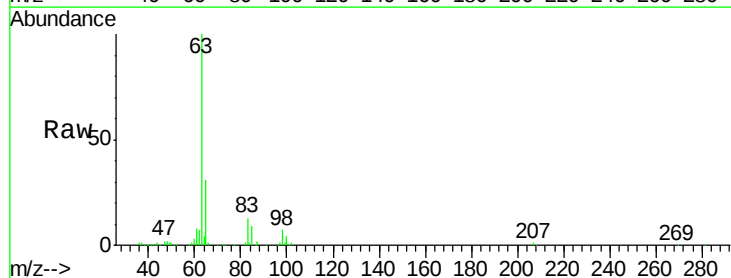
Tgt Ion: 63 Resp: 110360

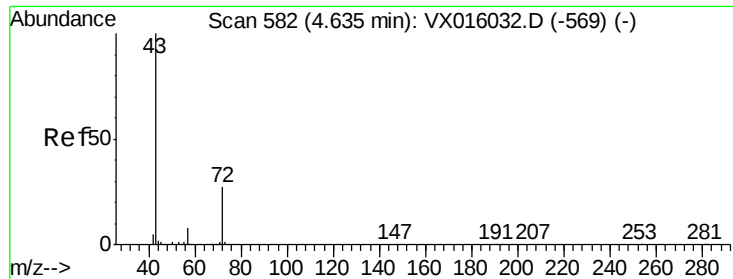
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 85.158 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

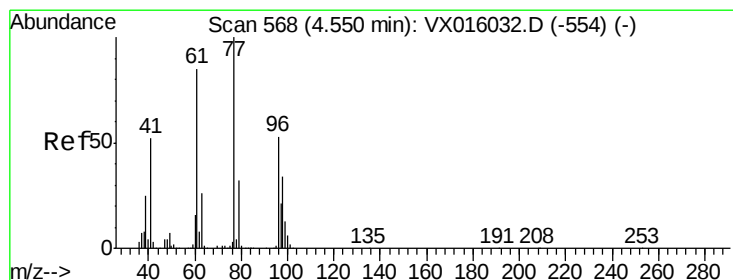
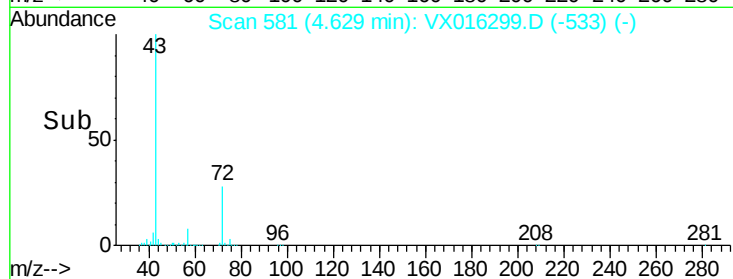
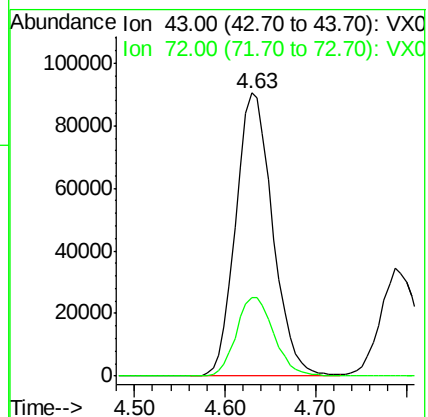
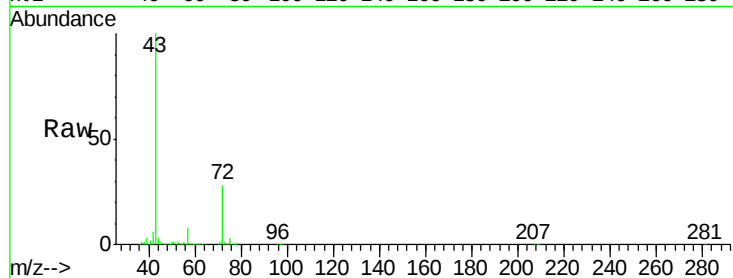
ClientSampled :

Tot Ion: 43 Resp: 255289

Ion Ratio Lower Upper

43 100

72 27.5 21.8 32.8



#26

2,2-Dichloropropane

Concen: 16.751 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016299.D

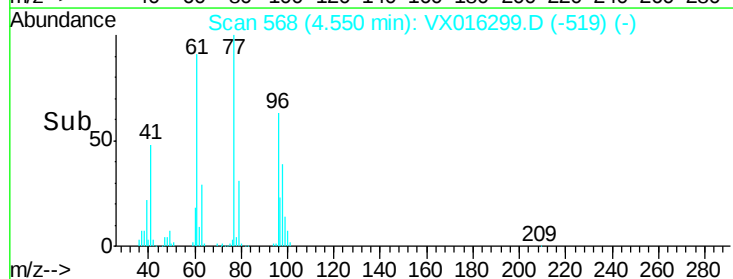
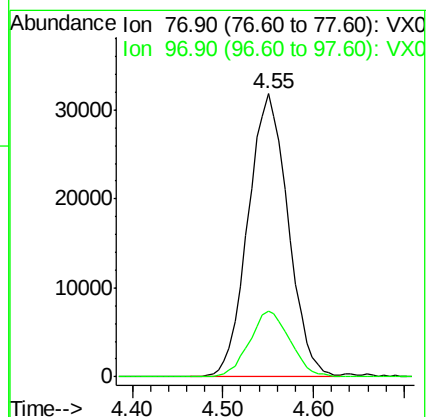
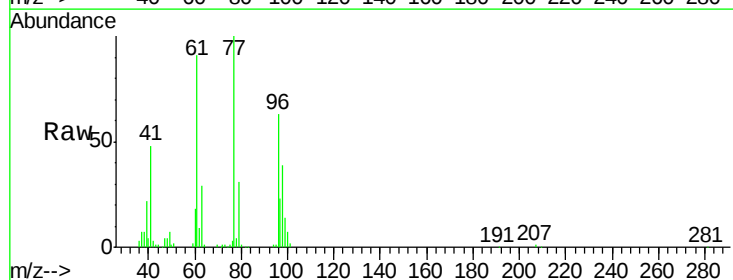
Acq: 18 May 2020 15:25

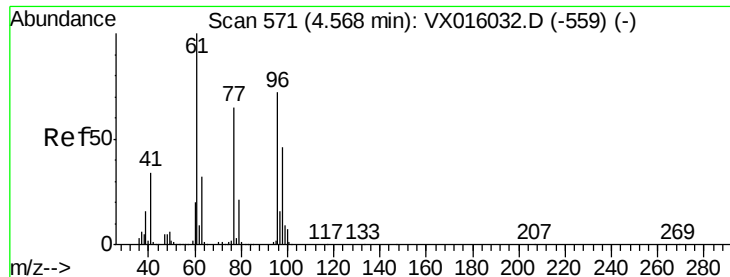
Tgt Ion: 77 Resp: 97498

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.6



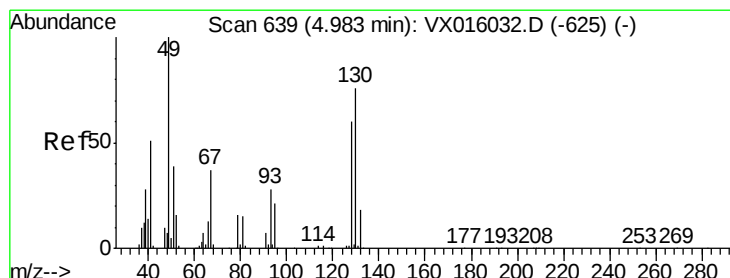
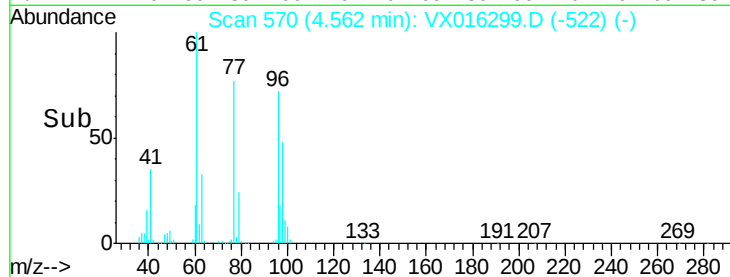
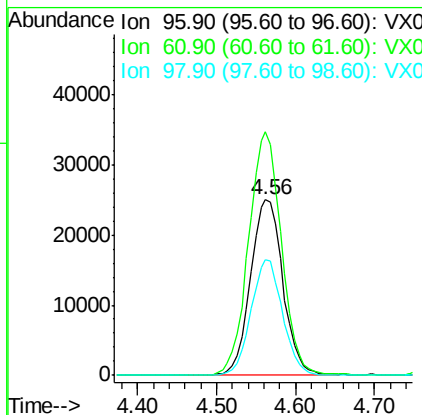
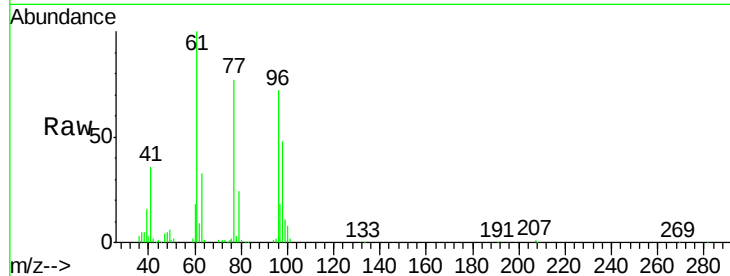


#27

cis-1,2-Dichloroethene
Concen: 17.803 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :

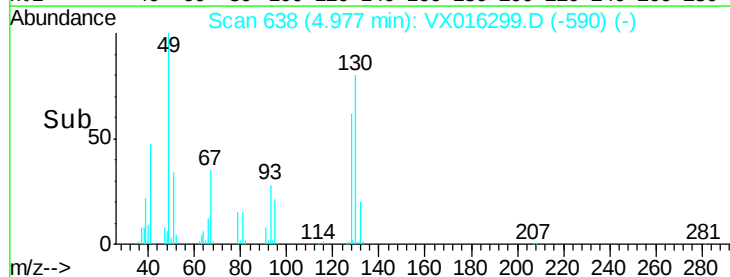
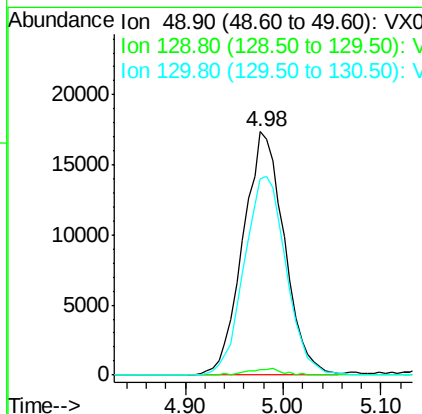
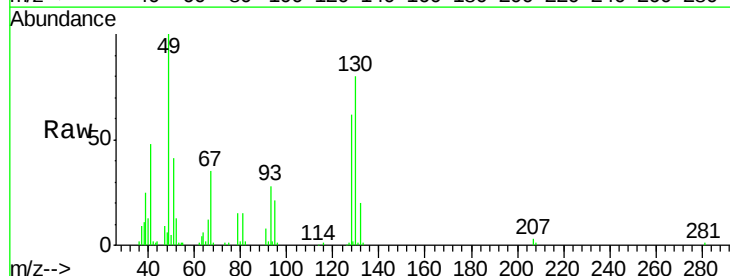
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	296.2
98	64.2	0.0	129.4

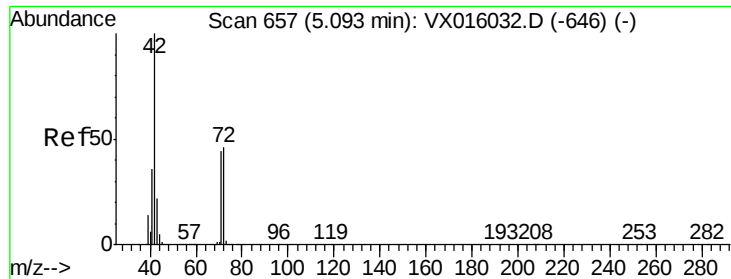


#28

Bromochloromethane
Concen: 17.592 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	82.7	62.4	93.6

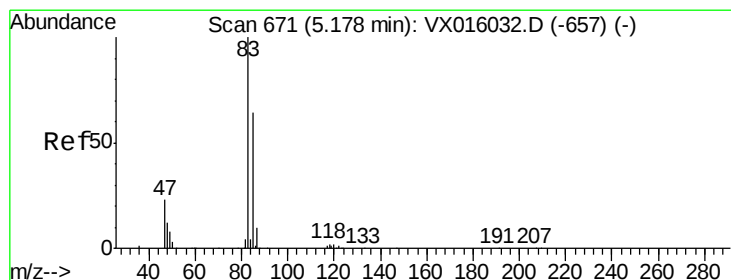
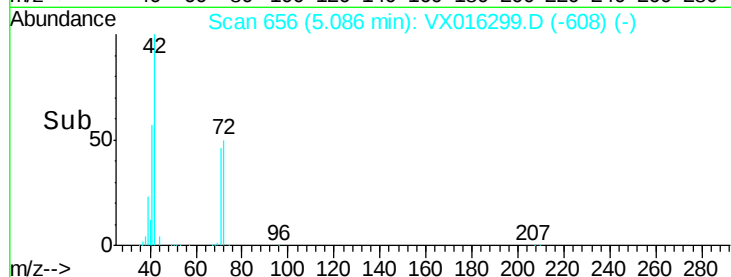
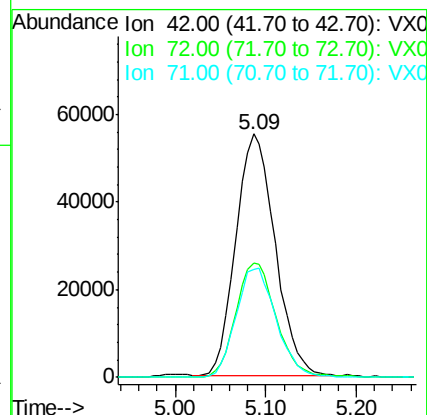
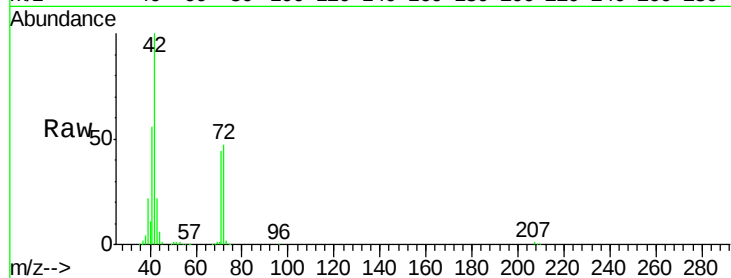




#29
Tetrahydrofuran
Concen: 83.419 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

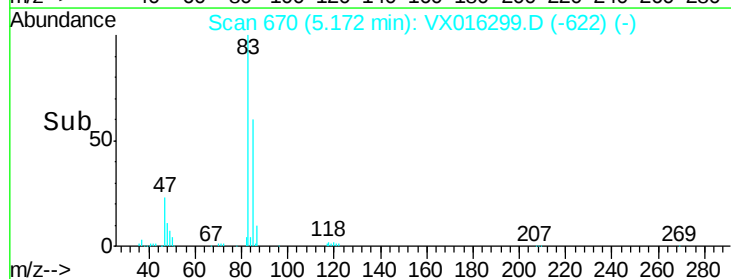
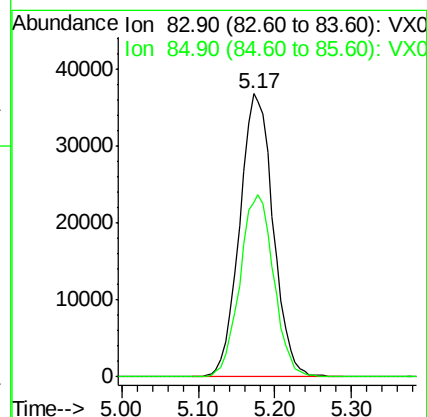
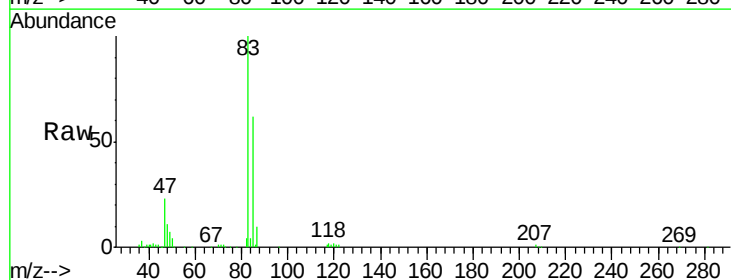
Instrument :
MSVOA_X
ClientSampleId :

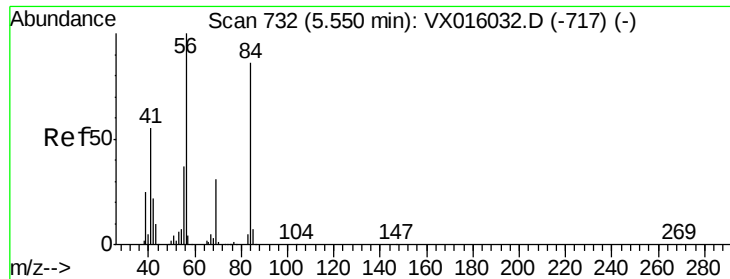
Tot Ion: 42 Resp: 165701
Ion Ratio Lower Upper
42 100
72 49.1 37.1 55.7
71 46.2 34.5 51.7



#30
Chloroform
Concen: 17.594 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion: 83 Resp: 111646
Ion Ratio Lower Upper
83 100
85 61.6 51.6 77.4

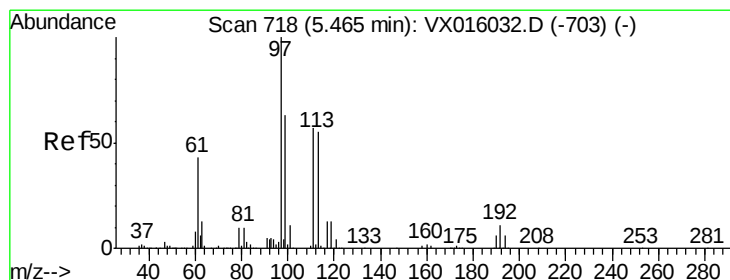
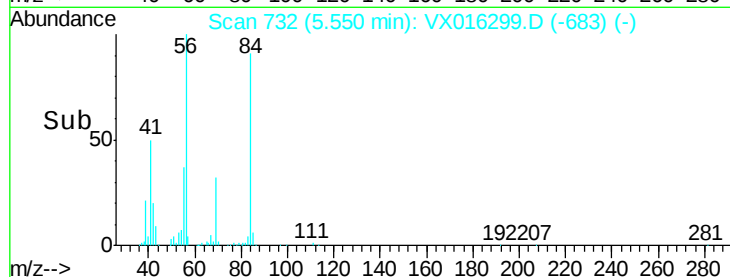
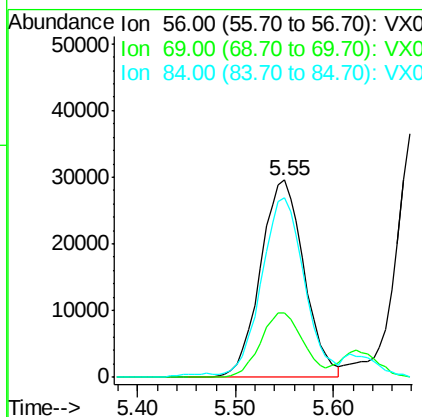
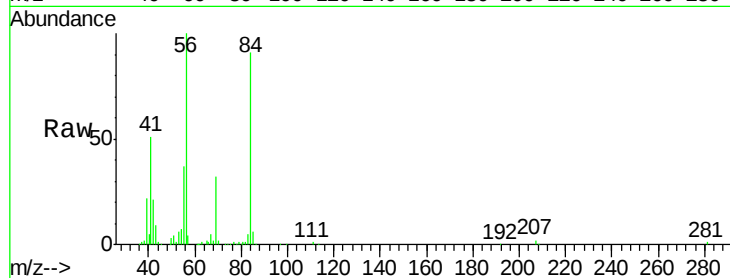




#31
Cyclohexane
Concen: 15.809 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

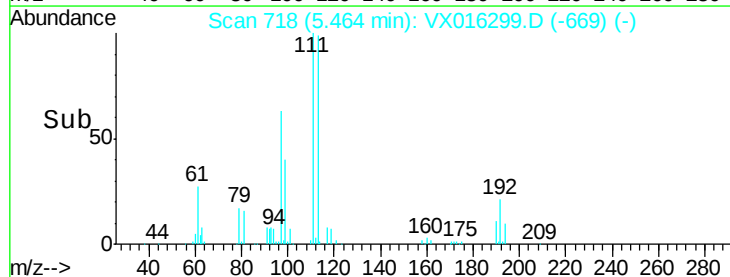
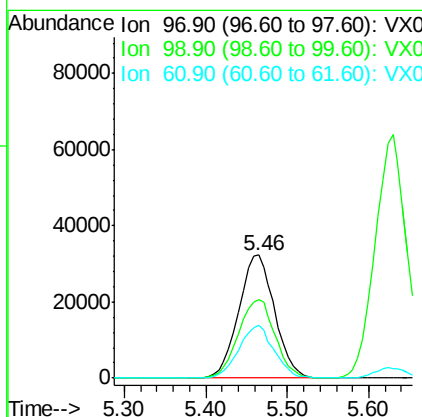
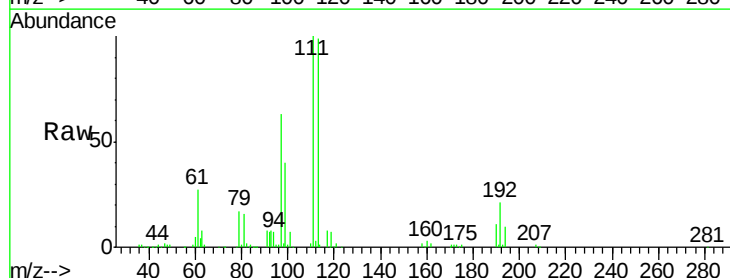
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 91569
Ion Ratio Lower Upper
56 100
69 32.5 25.0 37.6
84 89.2 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.127 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion: 97 Resp: 98790
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 41.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 43.112 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

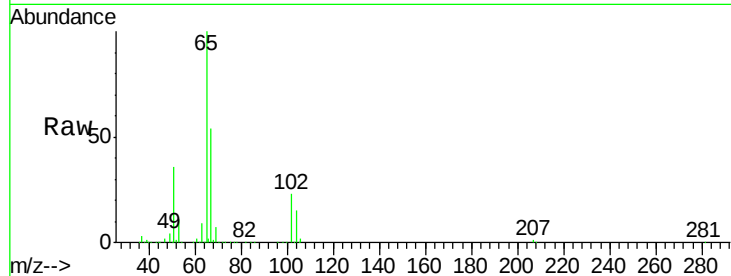
ClientSampleId :

Tot Ion: 65 Resp: 179754

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

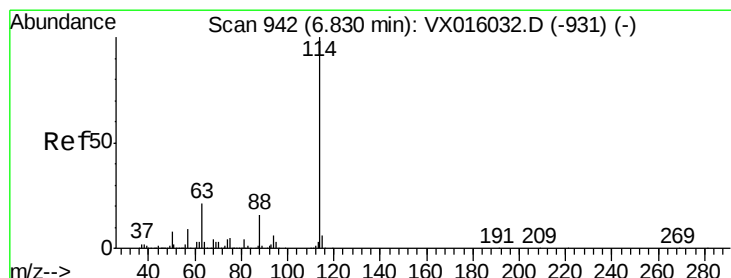
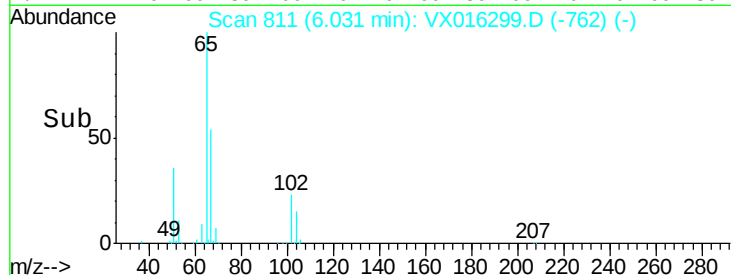
40000

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: VX016299.D

Acq: 18 May 2020 15:25

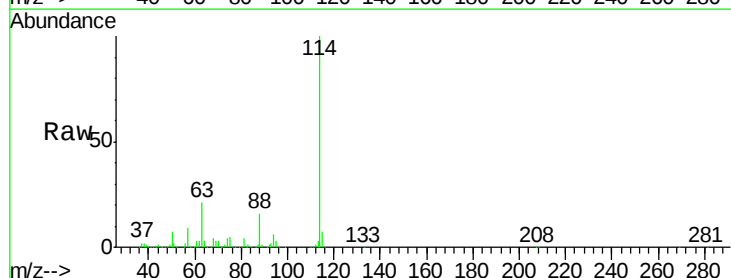
Tgt Ion: 114 Resp: 498948

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 16.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

250000

200000

150000

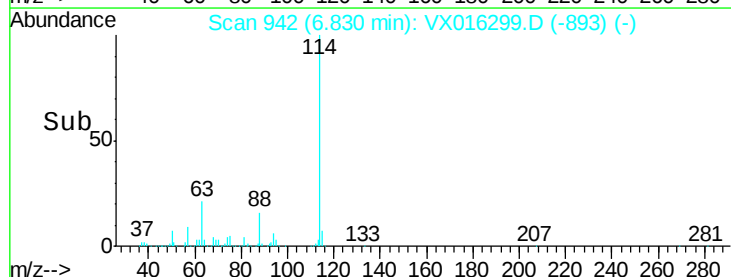
100000

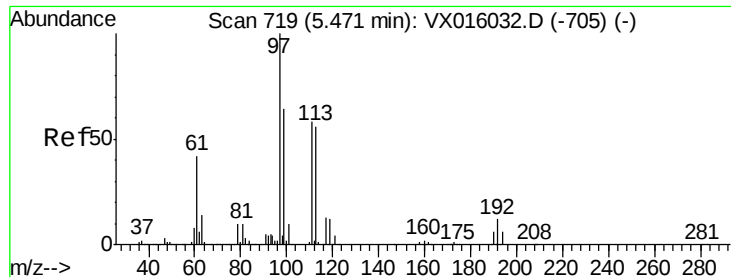
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 45.897 ug/l

RT: 5.46 min Scan# 718

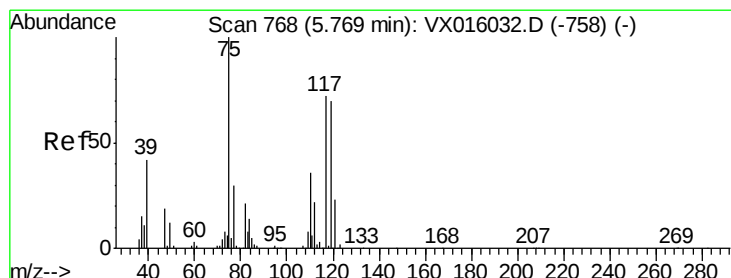
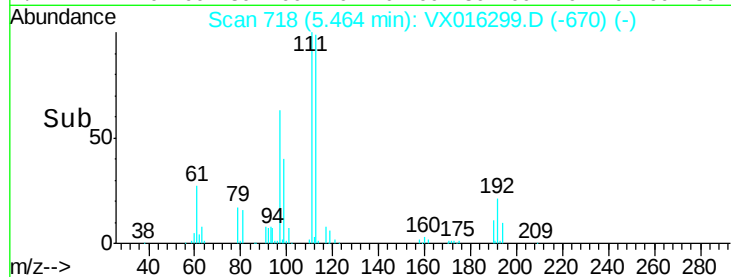
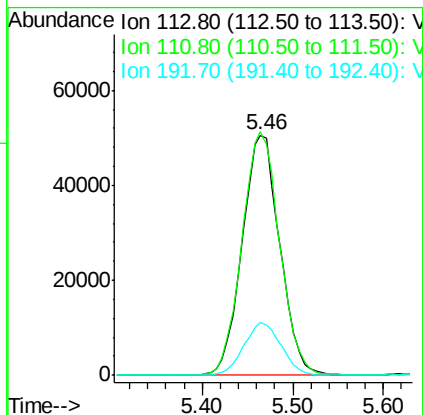
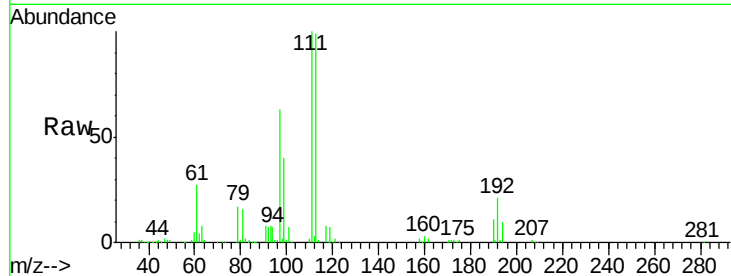
Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 145082
Ion Ratio Lower Upper
113 100
111 101.7 81.6 122.4
192 21.8 17.0 25.4



#36

1,1-Dichloropropene

Concen: 17.238 ug/l

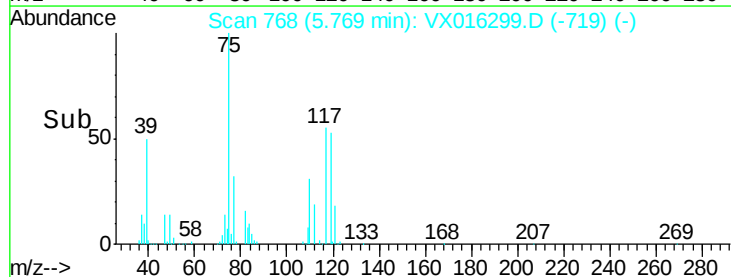
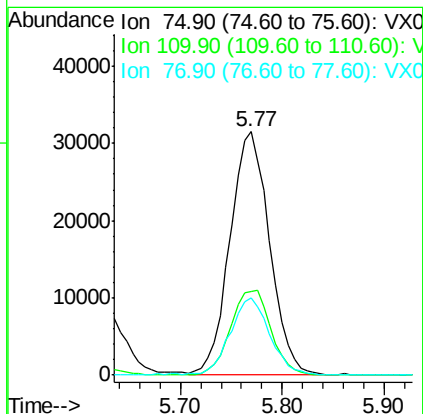
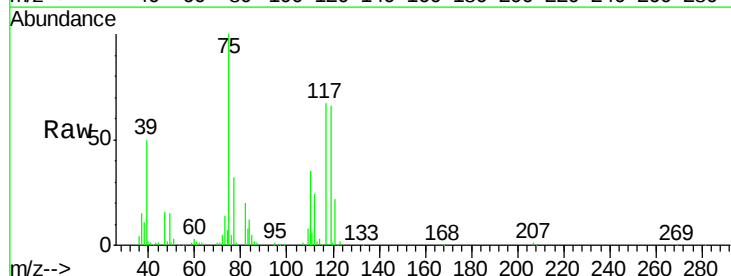
RT: 5.77 min Scan# 768

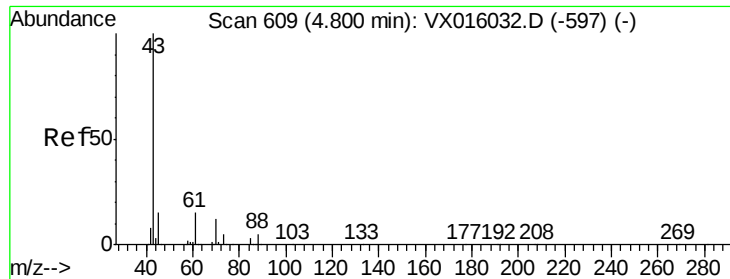
Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion: 75 Resp: 84666
Ion Ratio Lower Upper
75 100
110 35.7 18.1 54.1
77 31.6 25.0 37.6

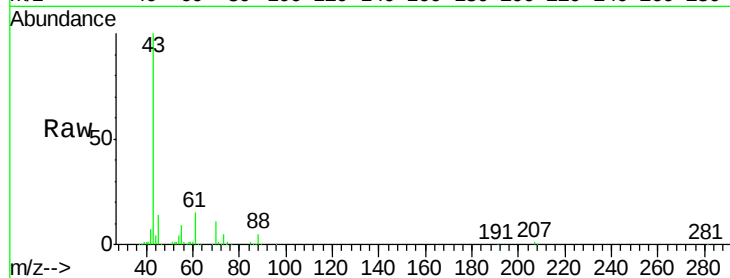




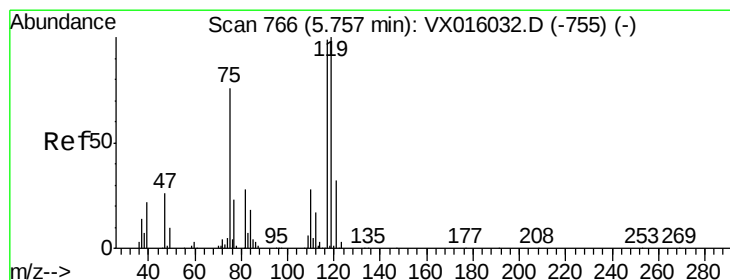
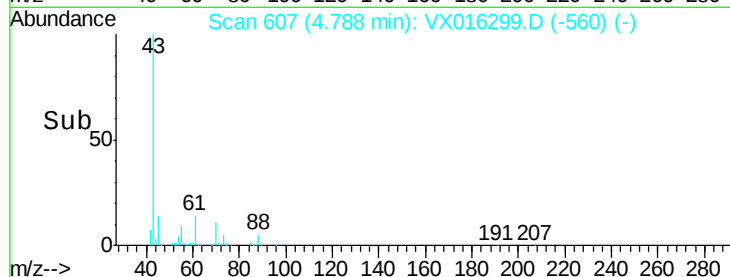
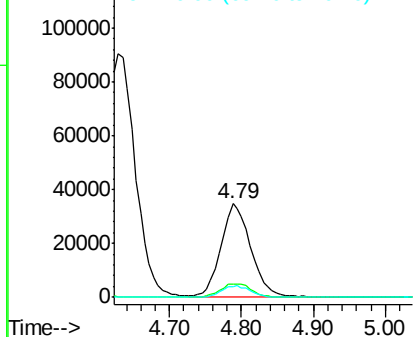
#37
Ethyl Acetate
Concen: 17.574 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.7	17.5
70	12.3	9.3	13.9

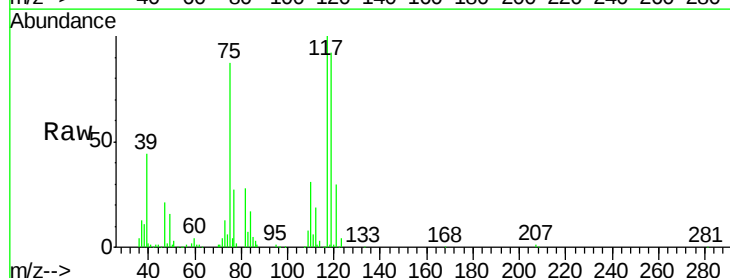


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

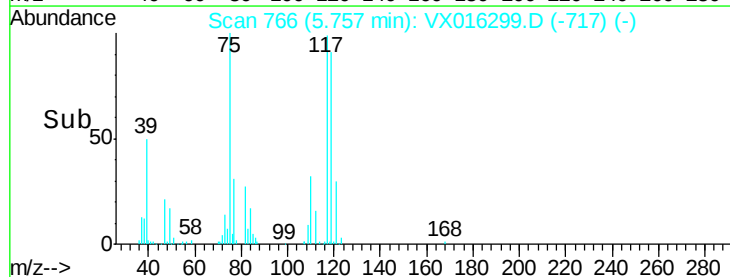
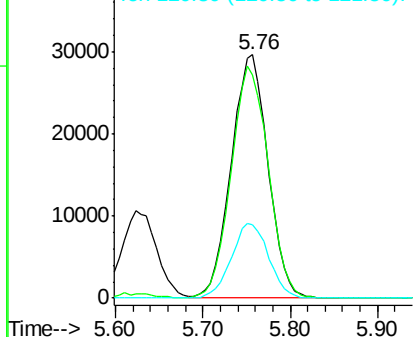


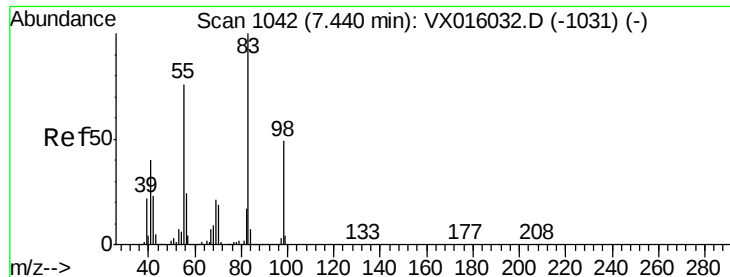
#38
Carbon Tetrachloride
Concen: 17.367 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	80.3	120.5
121	30.2	25.7	38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

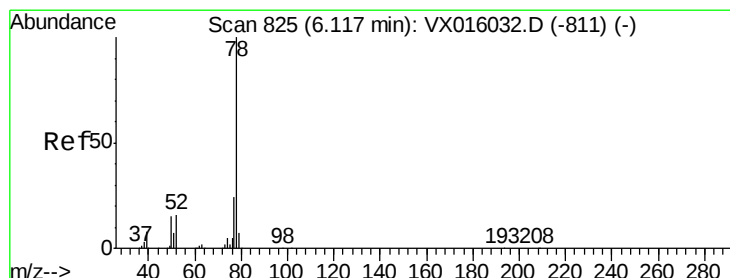
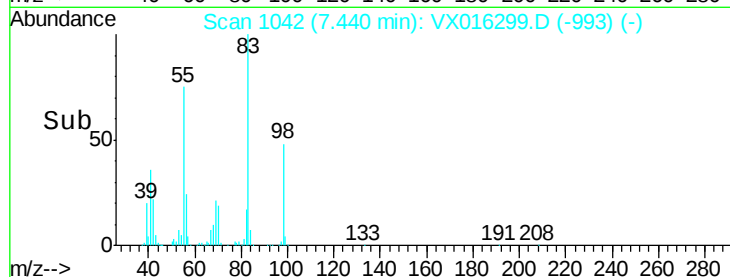
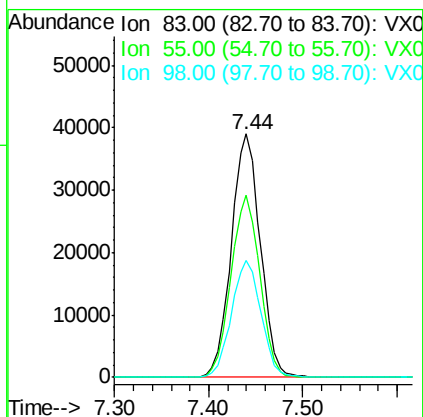
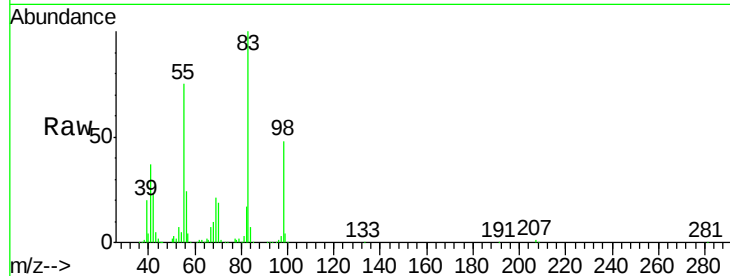




#39
Methvlcvclohexane
Concen: 14.106 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

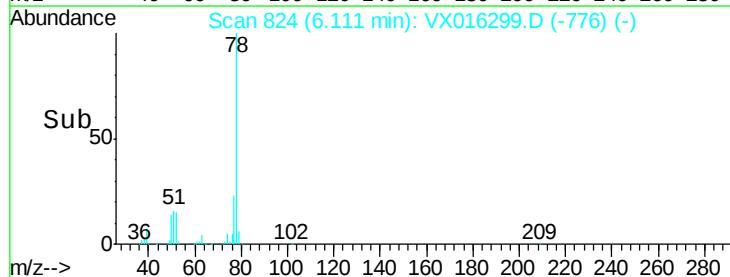
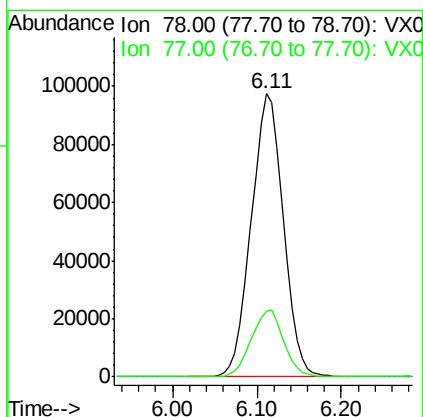
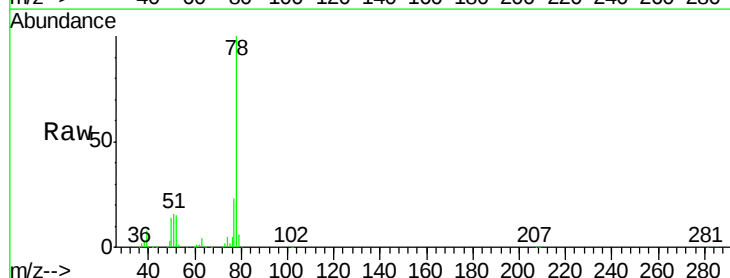
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 83435
Ion Ratio Lower Upper
83 100
55 74.8 61.1 91.7
98 48.3 39.0 58.4



#40
Benzene
Concen: 17.629 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion: 78 Resp: 253339
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4

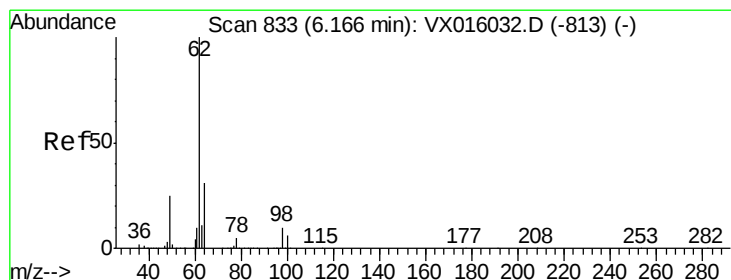
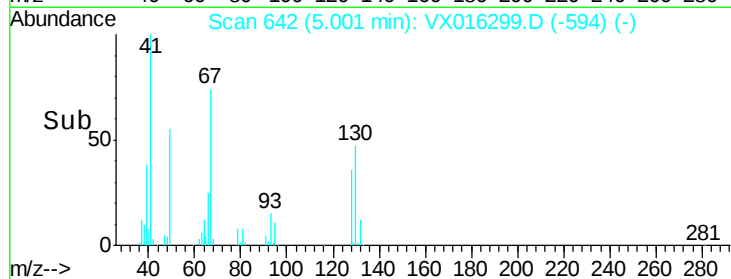
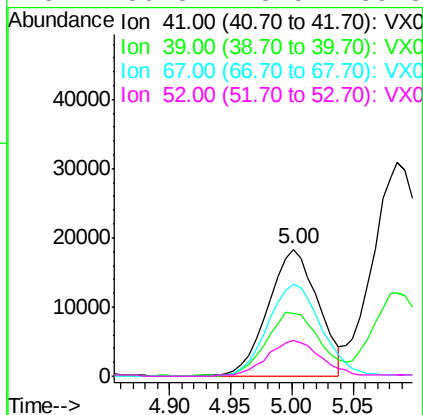
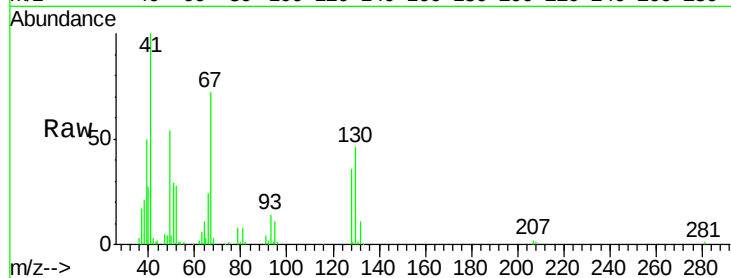




#41
Methacrylonitrile
Concen: 17.070 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

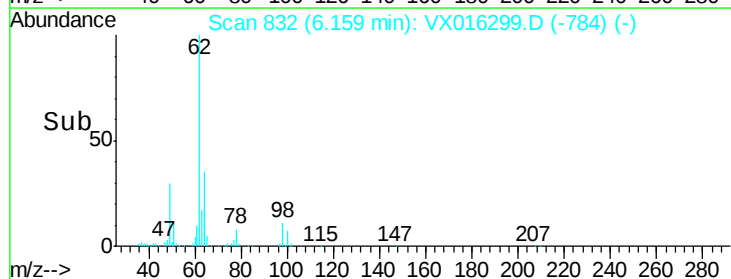
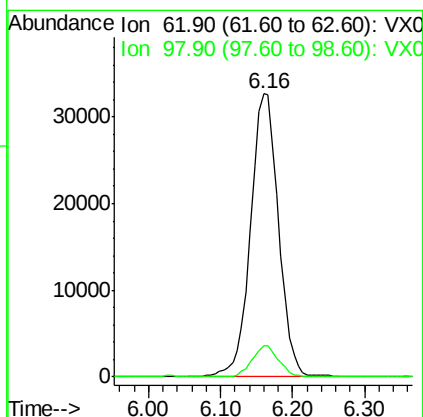
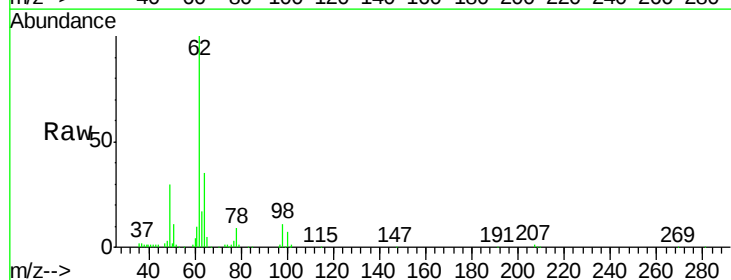
Instrument :
MSVOA_X
ClientSampleId :

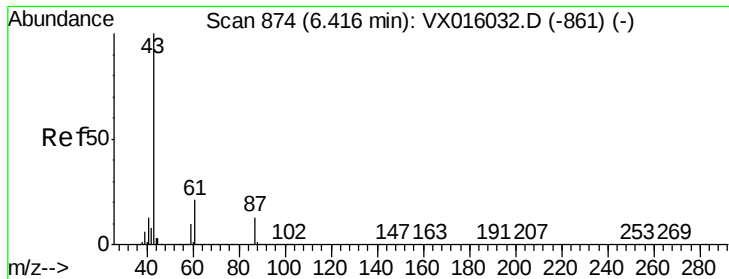
Tot Ion:	41	Resp:	52478
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.2	64.8
67	78.0	59.3	88.9
52	30.8	23.5	35.3



#42
1,2-Dichloroethane
Concen: 17.078 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion:	62	Resp:	88407
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.4



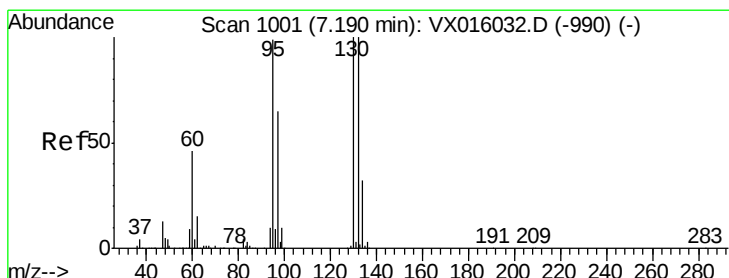
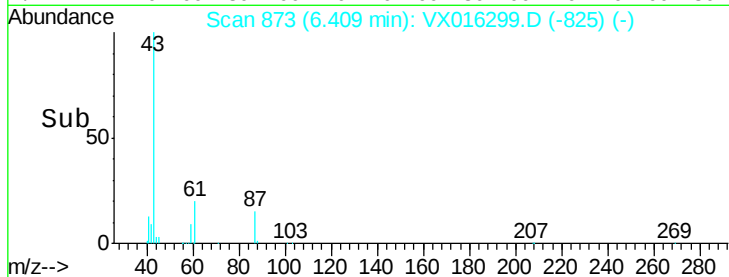
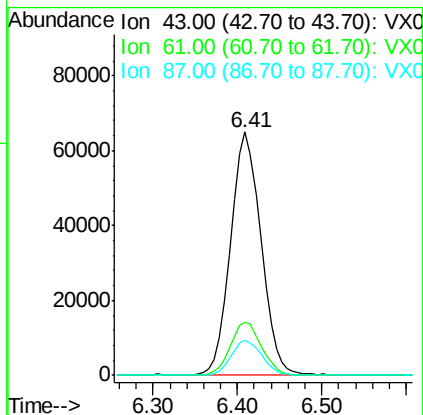
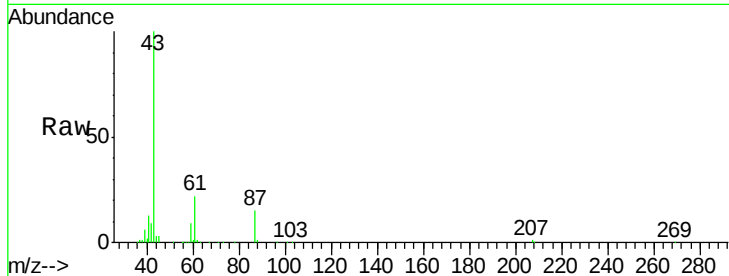


#43

Isopropyl Acetate
 Concen: 17.456 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

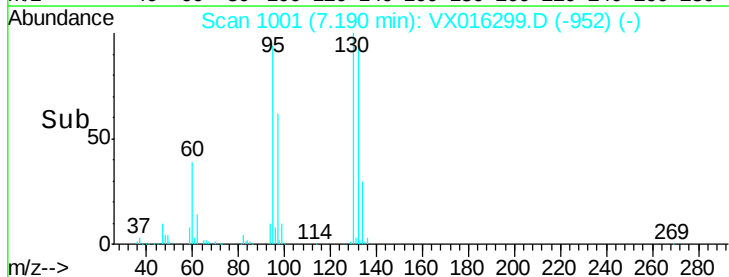
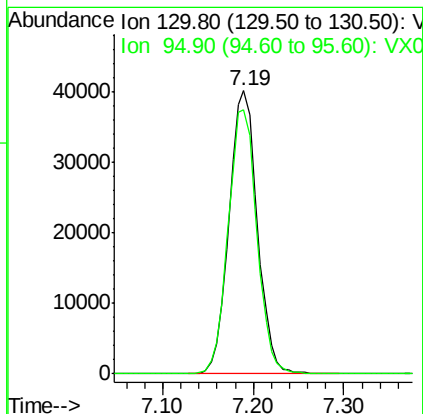
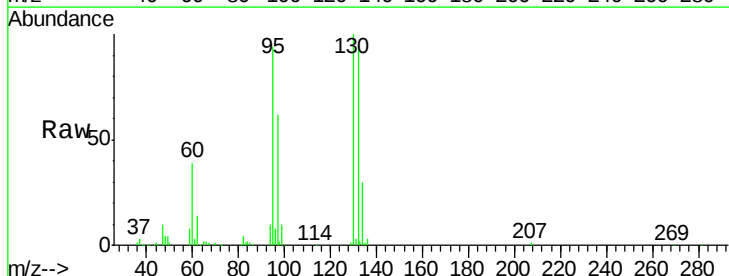
Tot Ion	43	Resp	158546
Ion Ratio	Lower	Upper	
43	100		
61	22.4	17.0	25.4
87	14.7	11.0	16.6



#44

Trichloroethene
 Concen: 17.071 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion	130	Resp	87156
Ion Ratio	Lower	Upper	
130	100		
95	93.6	0.0	197.4





#45

1,2-Dichloropropane

Concen: 18.246 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

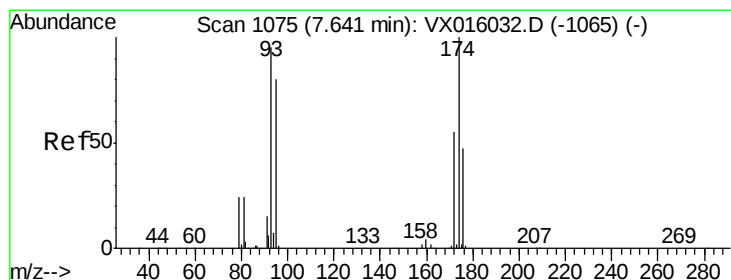
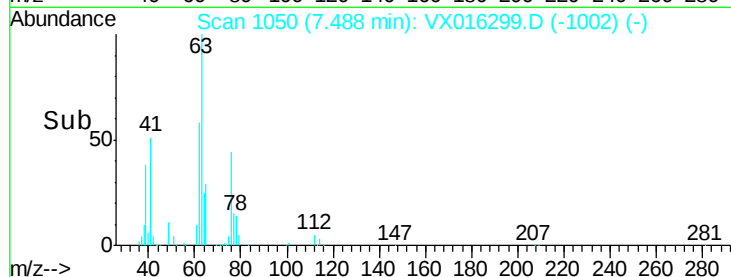
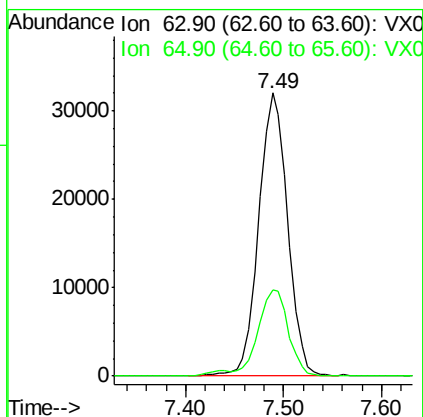
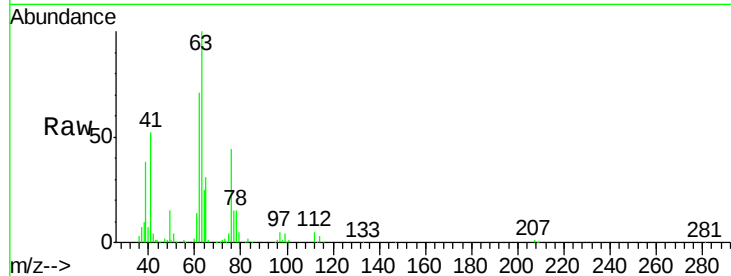
ClientSampleId :

Tot Ion: 63 Resp: 66346

Ion Ratio Lower Upper

63 100

65 30.6 24.4 36.6



#46

Dibromomethane

Concen: 17.618 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

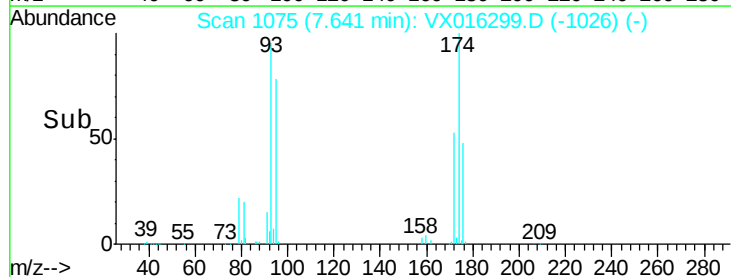
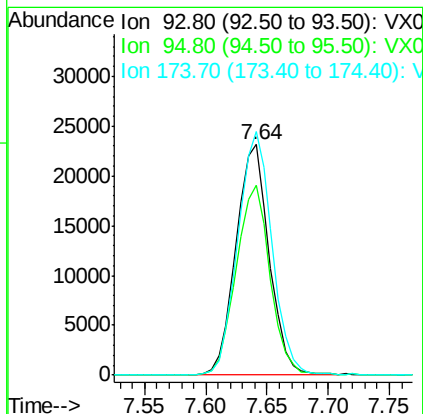
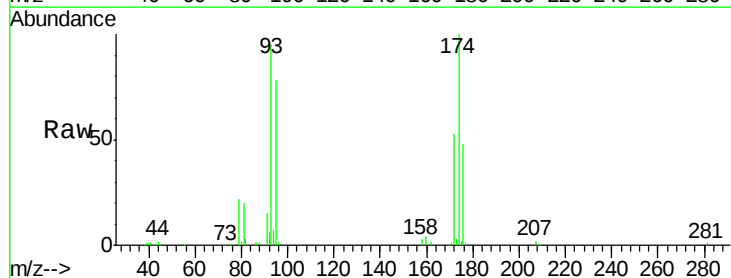
Tgt Ion: 93 Resp: 43537

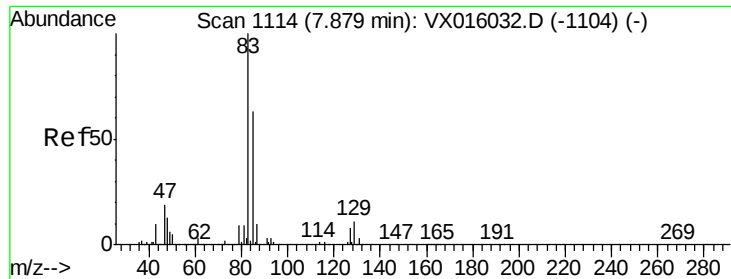
Ion Ratio Lower Upper

93 100

95 84.7 66.6 100.0

174 109.3 84.2 126.4





#47

Bromodichloromethane

Concen: 17.984 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

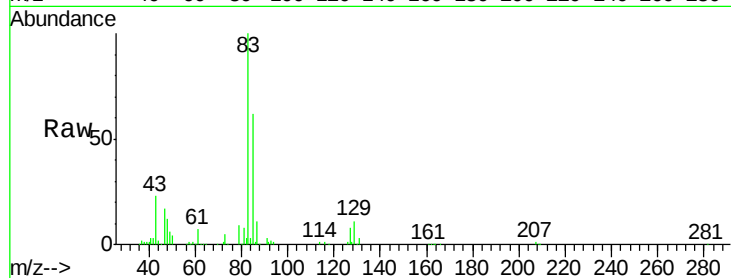
Tot Ion: 83 Resp: 90508

Ion Ratio Lower Upper

83 100

85 62.0 50.5 75.7

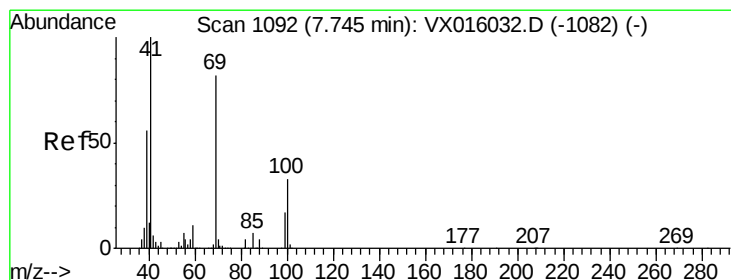
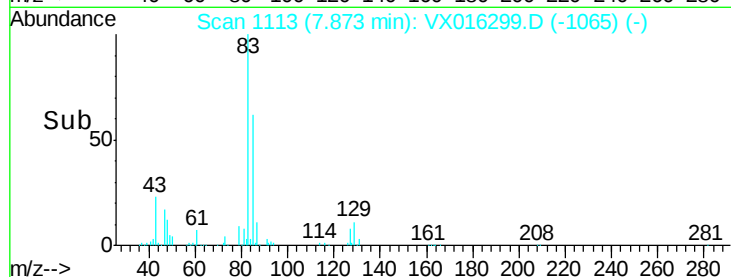
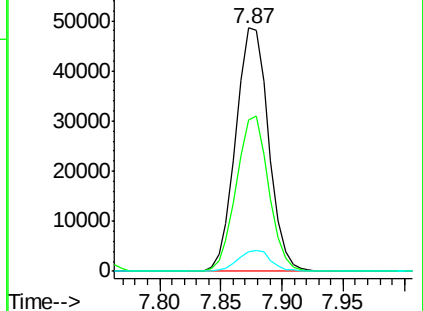
127 8.3 6.7 10.1



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: 17.337 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

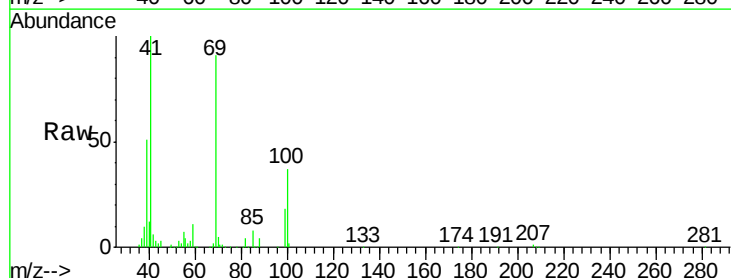
Tgt Ion: 41 Resp: 74616

Ion Ratio Lower Upper

41 100

69 88.8 67.8 101.6

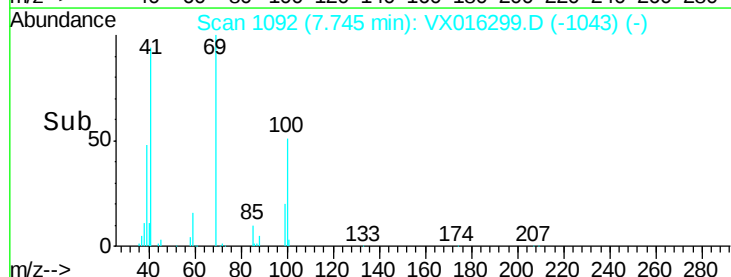
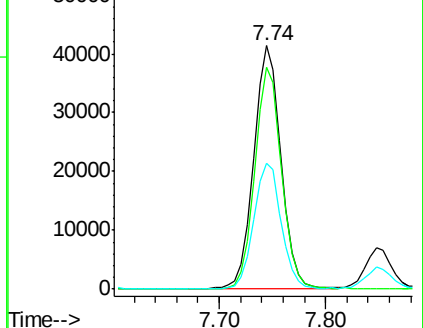
39 51.8 44.6 67.0

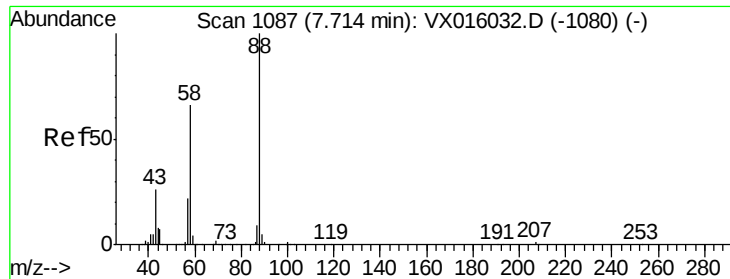


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 326.812 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

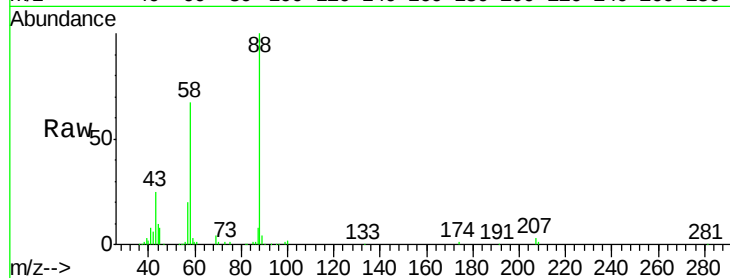
Tot Ion: 88 Resp: 33733

Ion Ratio Lower Upper

88 100

43 30.2 25.3 37.9

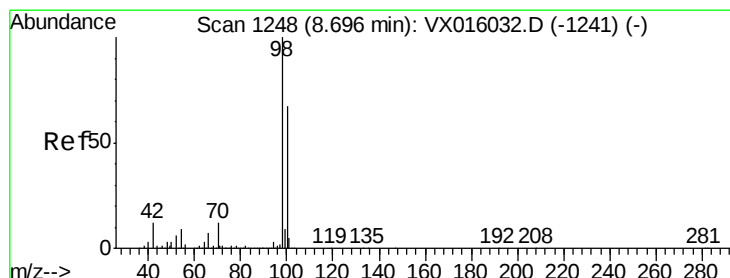
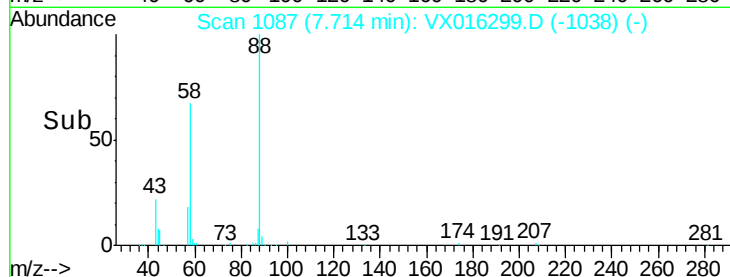
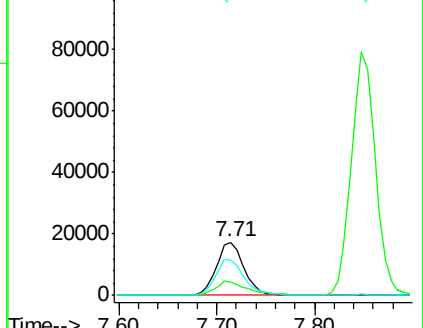
58 70.6 55.9 83.9



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: 45.952 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016299.D

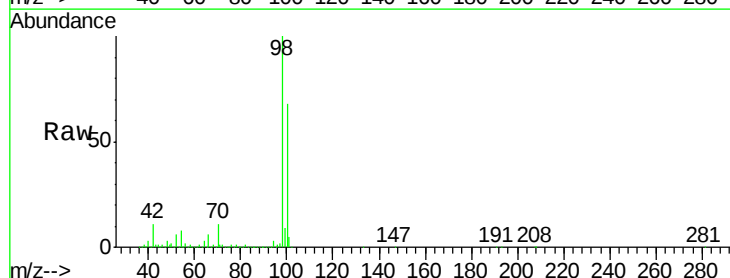
Acq: 18 May 2020 15:25

Tgt Ion: 98 Resp: 559687

Ion Ratio Lower Upper

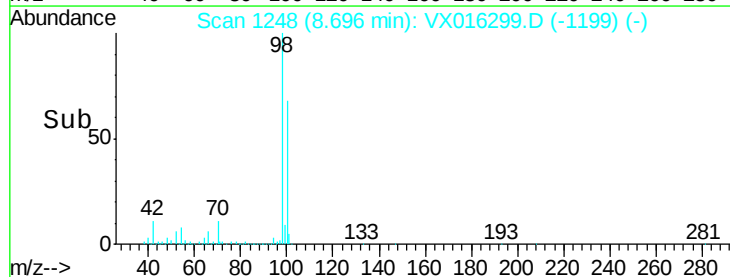
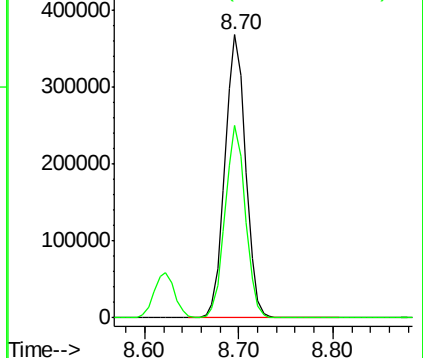
98 100

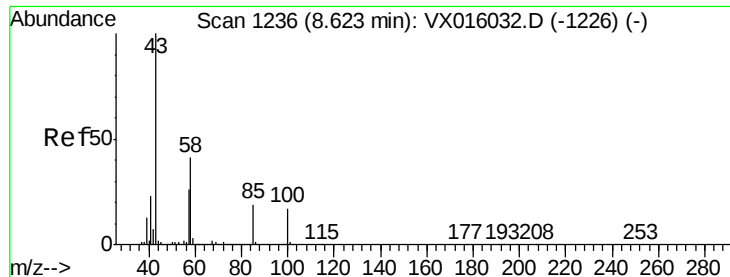
100 66.9 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

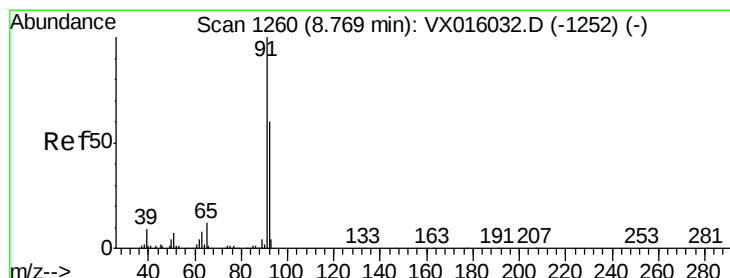
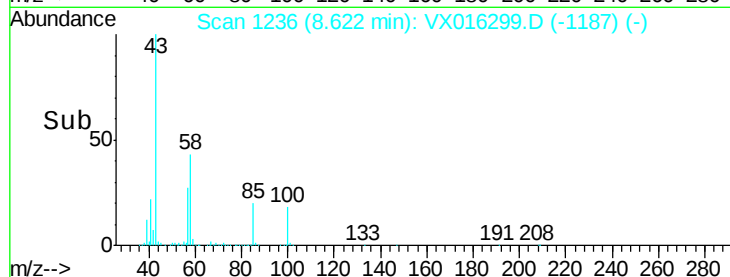
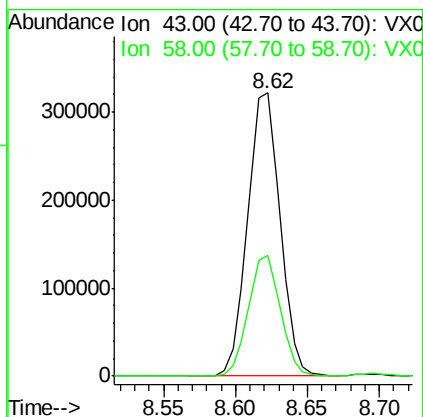
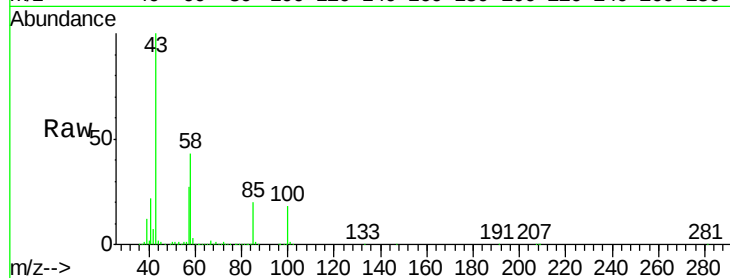




#51
 4-Methyl-2-Pentanone
 Concen: 90.164 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

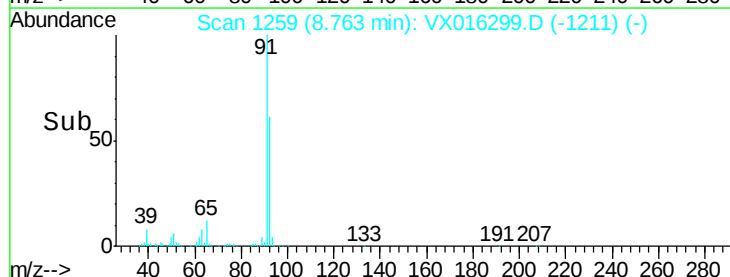
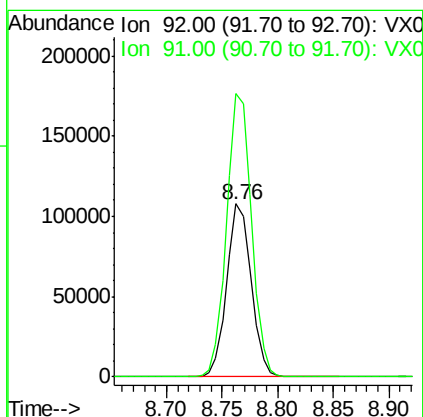
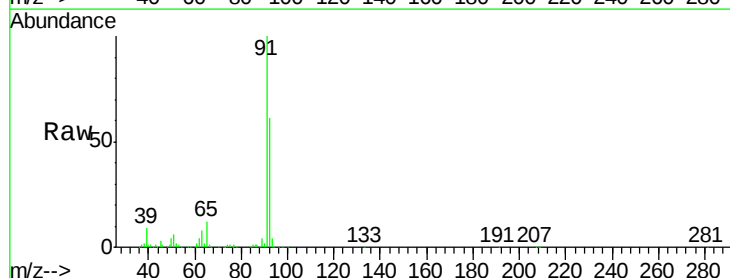
Instrument :
 MSVOA_X
 ClientSampleId :

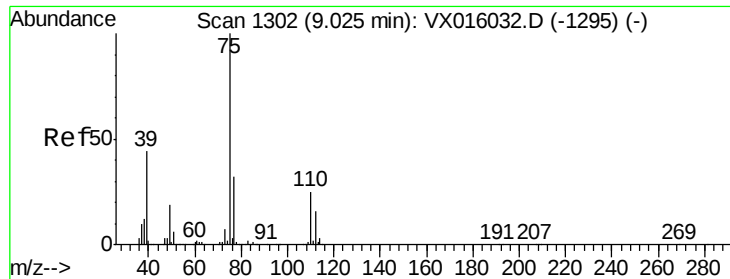
Tot Ion: 43 Resp: 501133
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.0 49.4



#52
 Toluene
 Concen: 18.314 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion: 92 Resp: 164045
 Ion Ratio Lower Upper
 92 100
 91 167.1 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 17.596 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

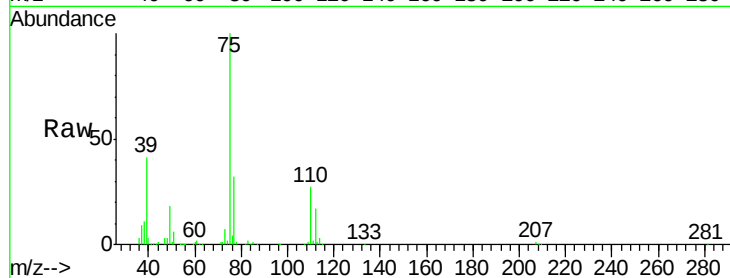
ClientSampleId :

Tot Ion: 75 Resp: 105587

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

80000

60000

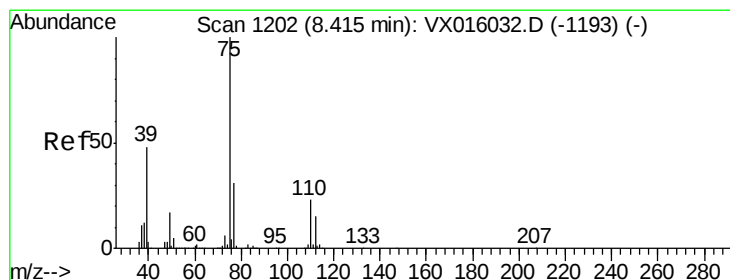
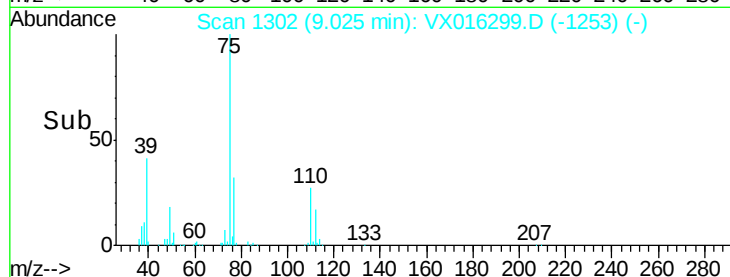
40000

20000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.930 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

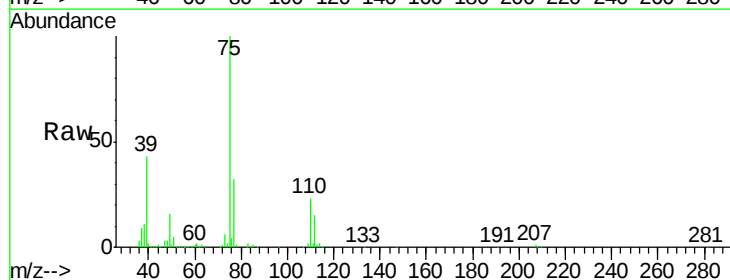
Tgt Ion: 75 Resp: 112382

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

39 42.5 38.7 58.1



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

8.42

100000

80000

60000

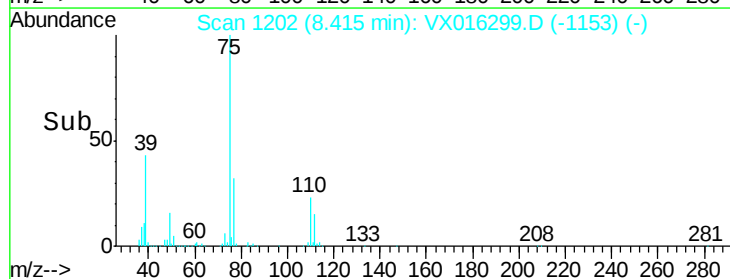
40000

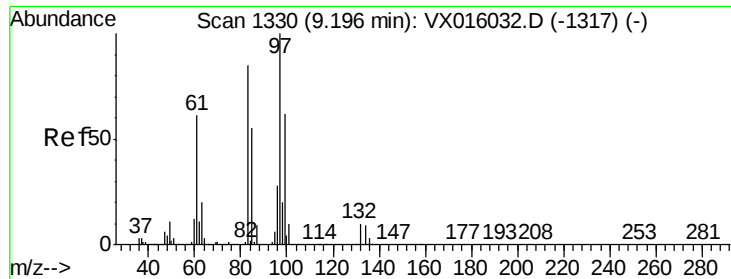
20000

0

8.30 8.40 8.50

Time-->

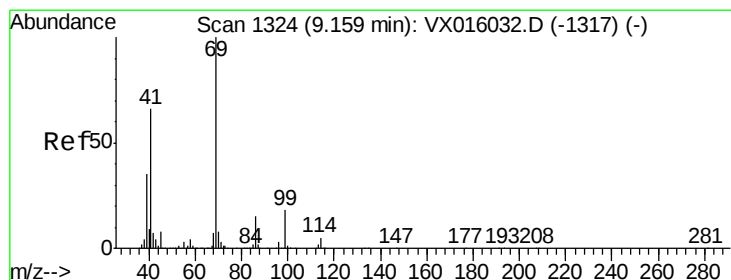
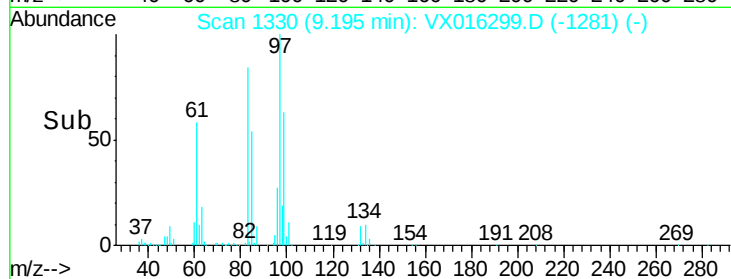
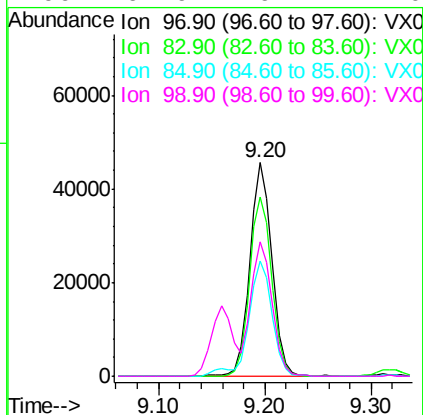
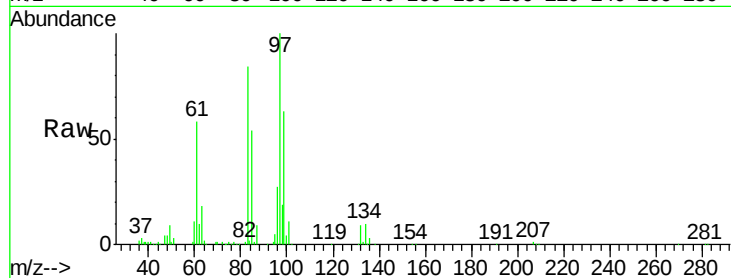




#55
 1,1,2-Trichloroethane
 Concen: 18.837 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

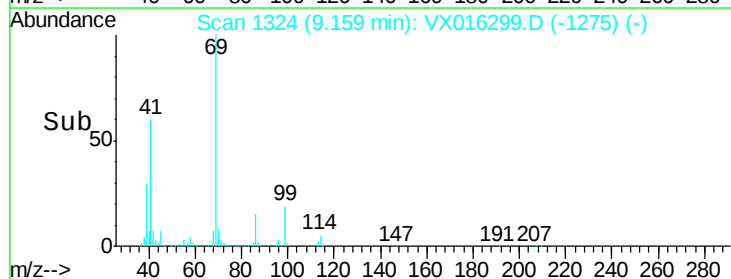
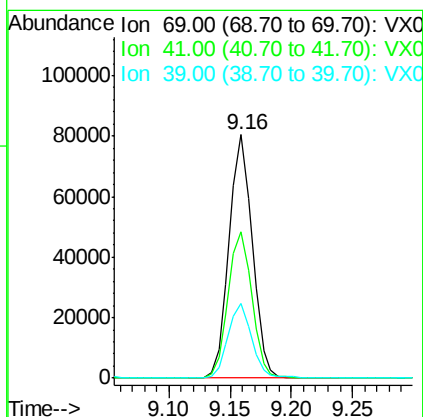
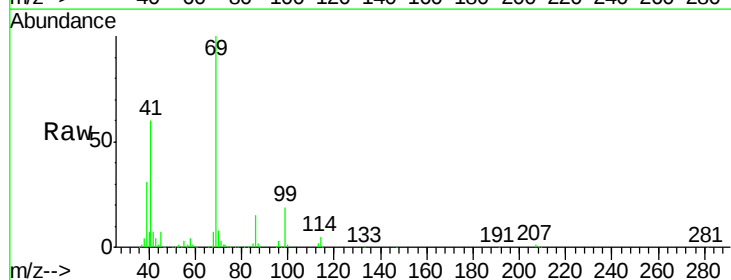
Instrument :
 MSVOA_X
 ClientSampleId :

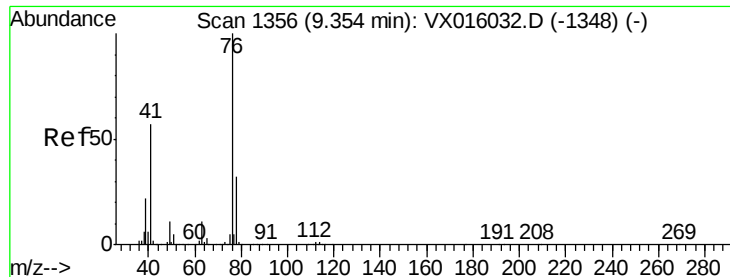
Tot Ion:	97	Resp:	66384
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.8	101.8
85	54.0	43.8	65.8
99	62.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 18.411 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion:	69	Resp:	105911
Ion	Ratio	Lower	Upper
69	100		
41	61.7	52.2	78.4
39	31.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 18.760 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

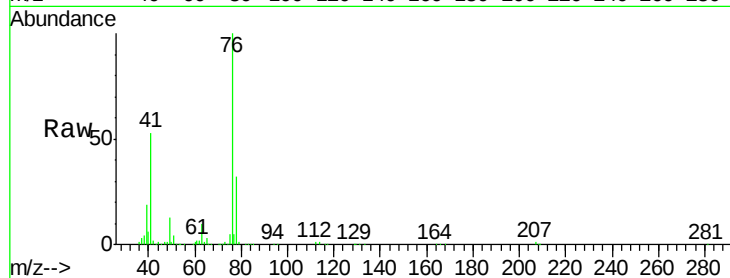
ClientSampleId :

Tot Ion: 76 Resp: 115363

Ion Ratio Lower Upper

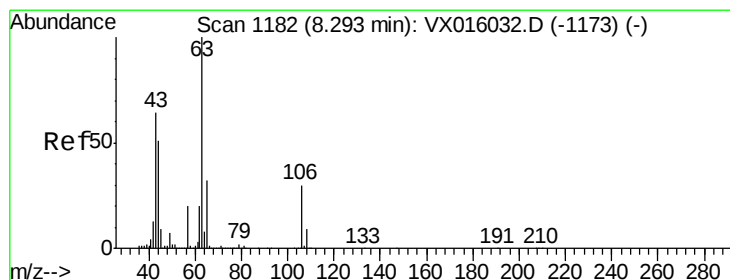
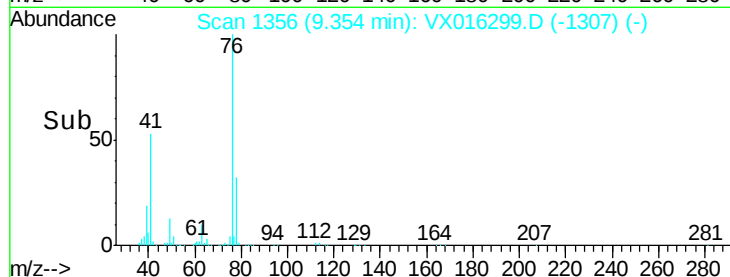
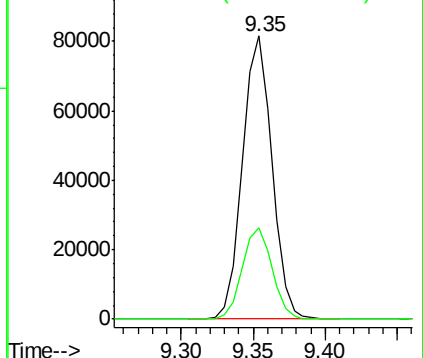
76 100

78 33.0 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 85.707 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016299.D

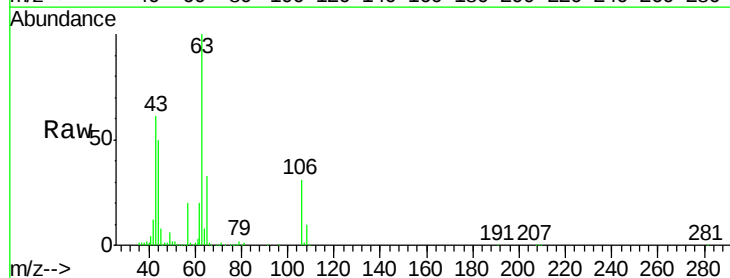
Acq: 18 May 2020 15:25

Tgt Ion: 63 Resp: 262479

Ion Ratio Lower Upper

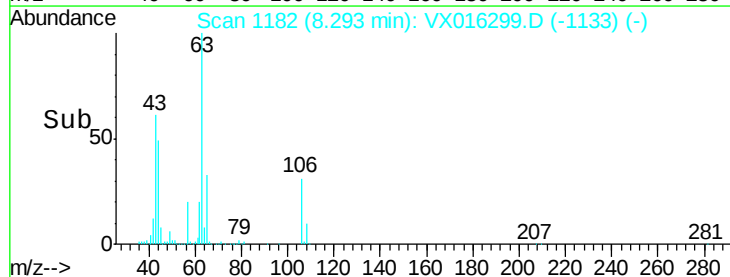
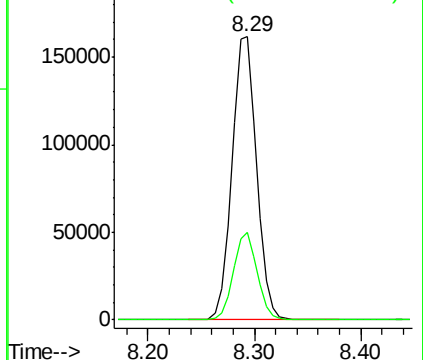
63 100

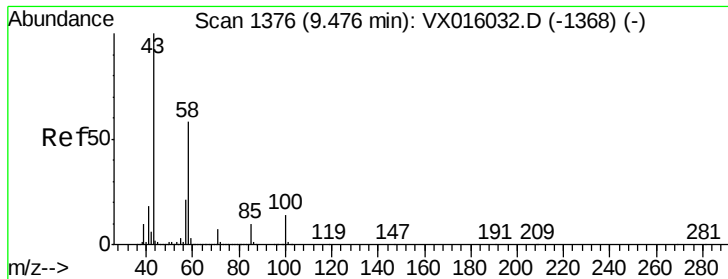
106 29.7 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

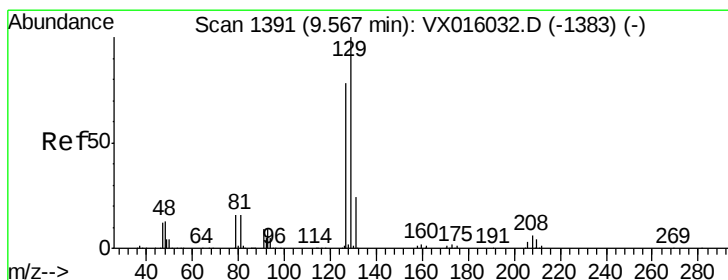
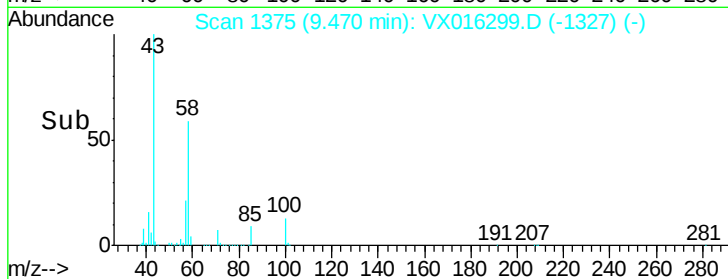
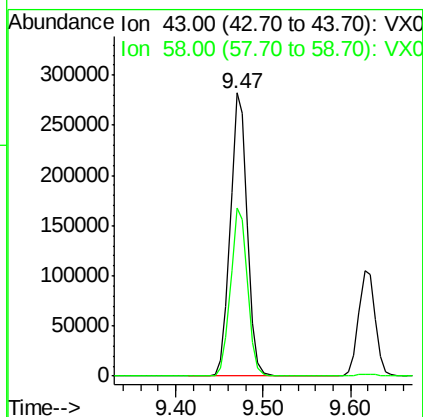
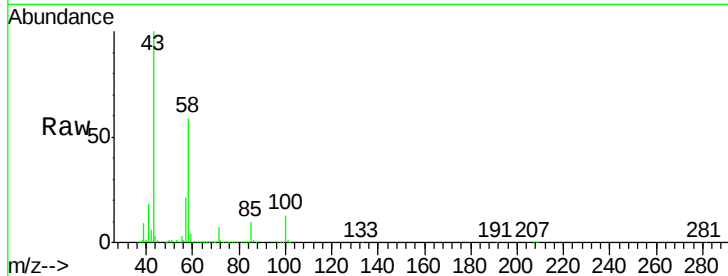




#59
2-Hexanone
Concen: 87.220 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

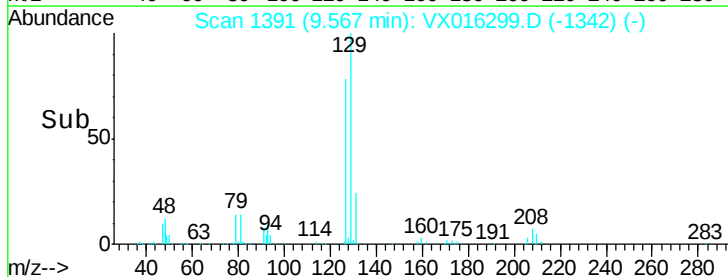
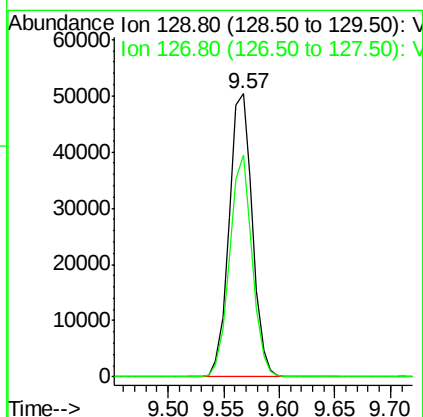
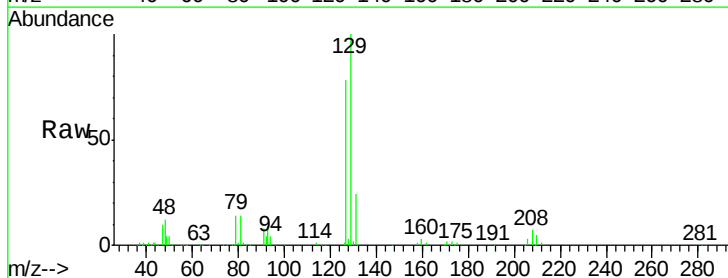
Instrument :
MSVOA_X
ClientSampleId :

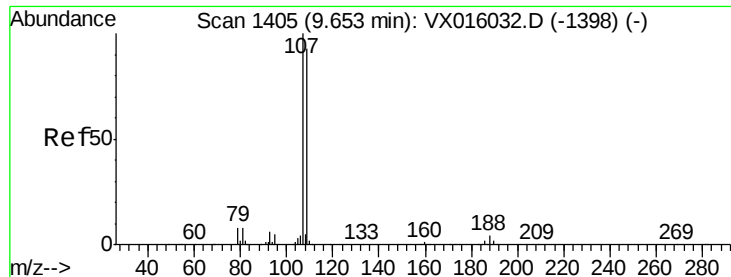
Tot Ion: 43 Resp: 380700
Ion Ratio Lower Upper
43 100
58 59.6 28.6 85.9



#60
Dibromochloromethane
Concen: 18.744 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion: 129 Resp: 72752
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.532 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

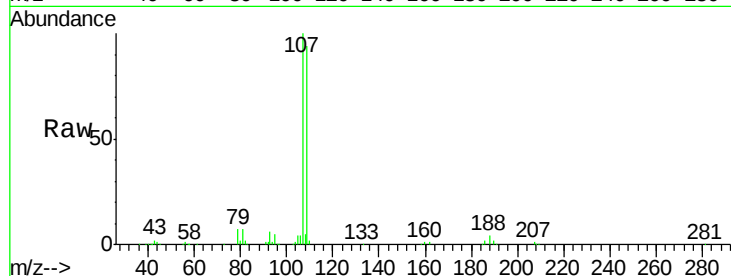
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 107 Resp: 70742

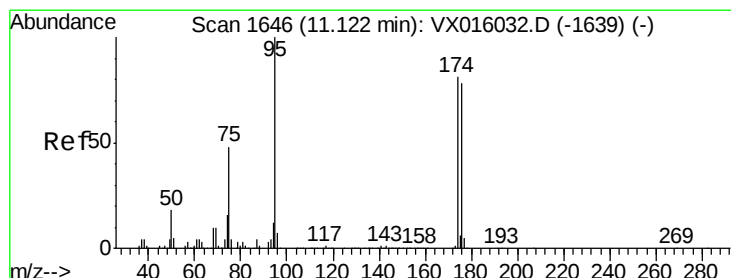
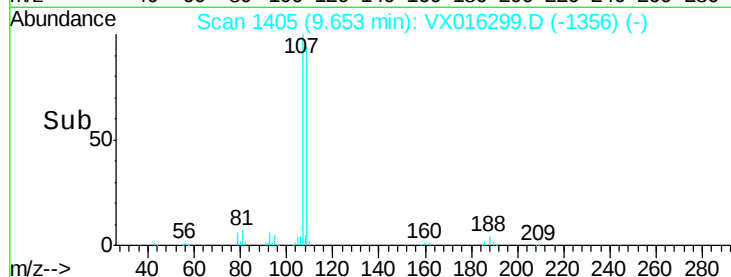
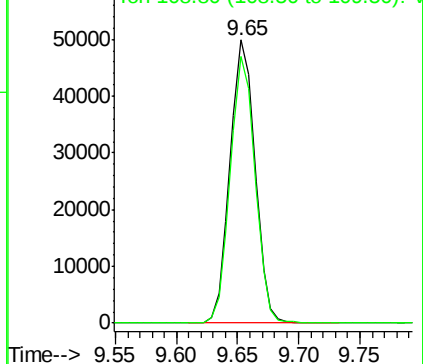
Ion Ratio Lower Upper

107 100

109 93.0 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.932 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

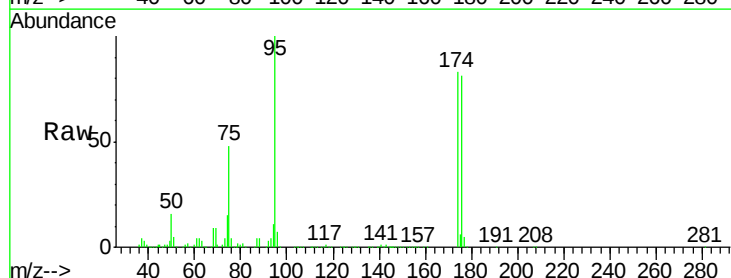
Tgt Ion: 95 Resp: 217415

Ion Ratio Lower Upper

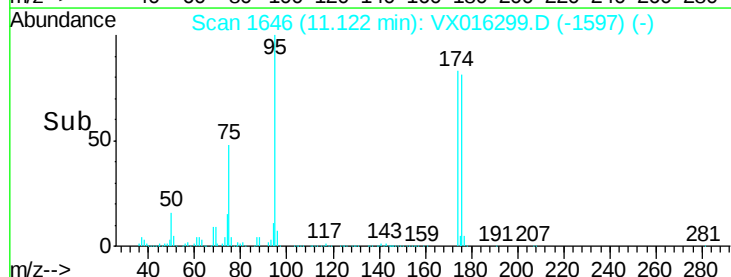
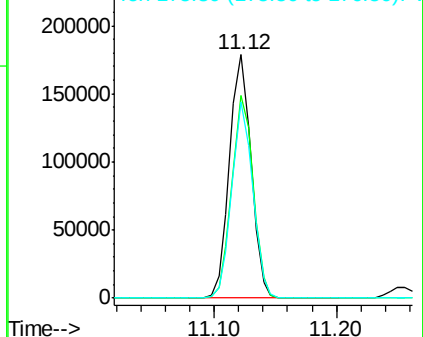
95 100

174 82.6 0.0 159.4

176 78.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

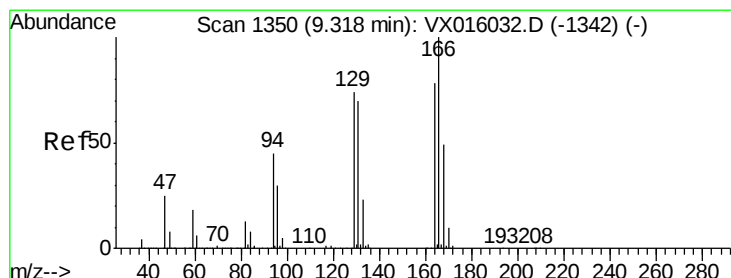
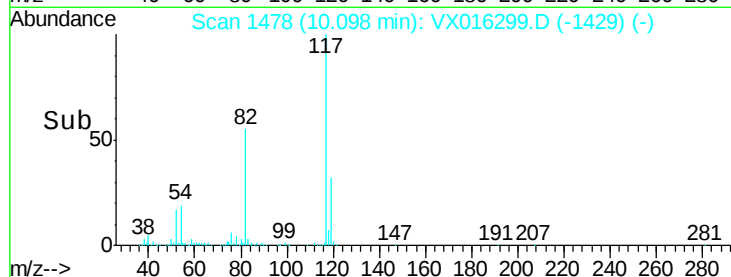
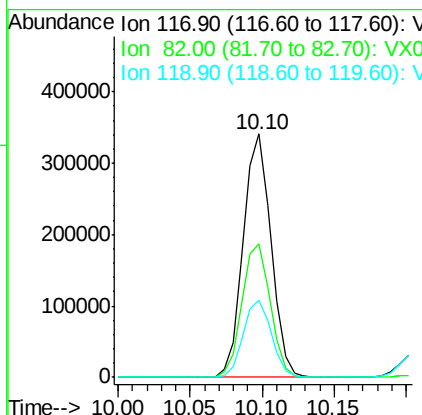
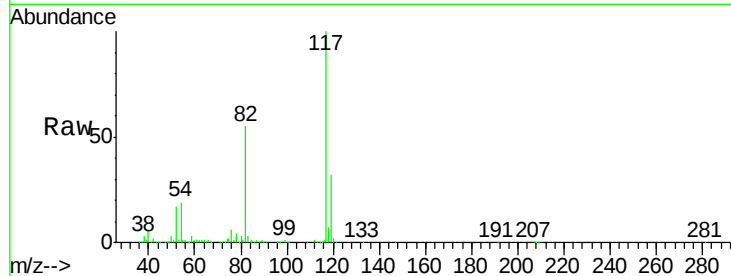




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

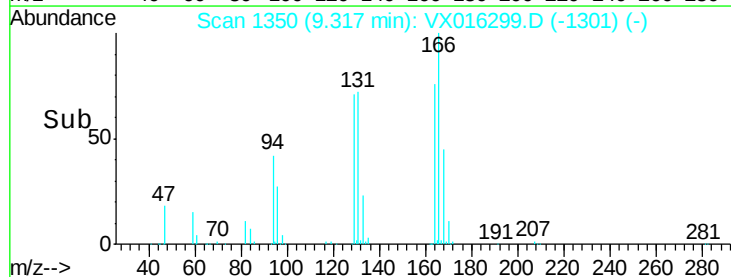
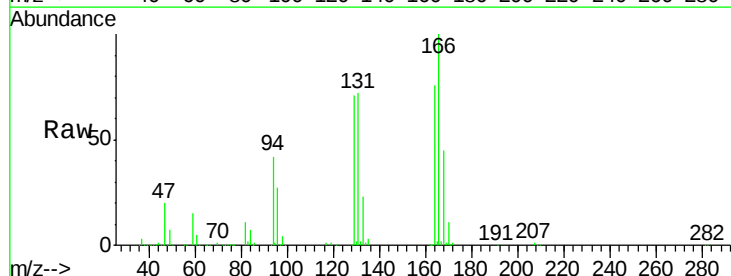
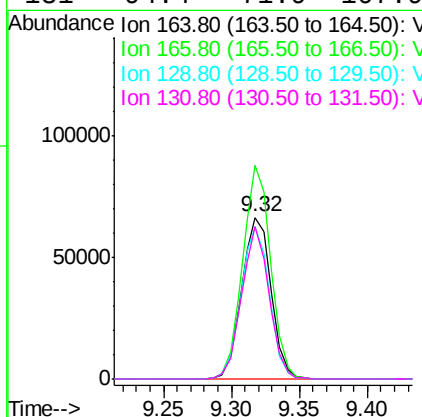
Instrument :
MSVOA_X
ClientSampleId :

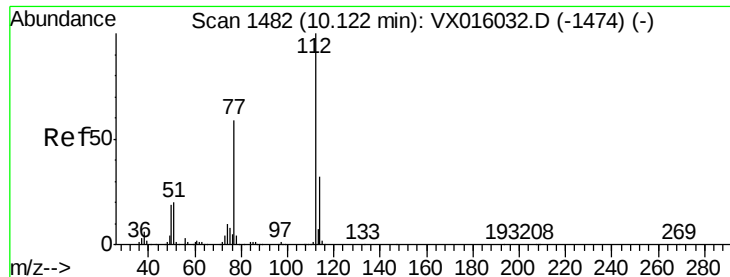
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.4	66.6
119	31.8	25.5	38.3



#64
Tetrachloroethene
Concen: 17.873 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	102.9	154.3
129	94.1	76.1	114.1
131	94.4	71.9	107.9





#65

Chlorobenzene

Concen: 18.293 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

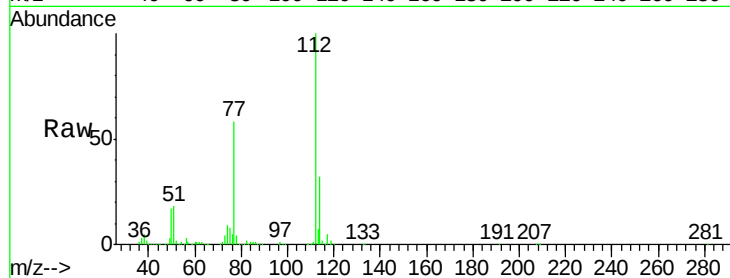
ClientSampled :

Tot Ion:112 Resp: 174007

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

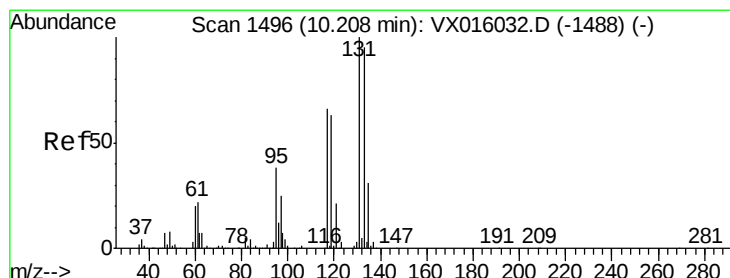
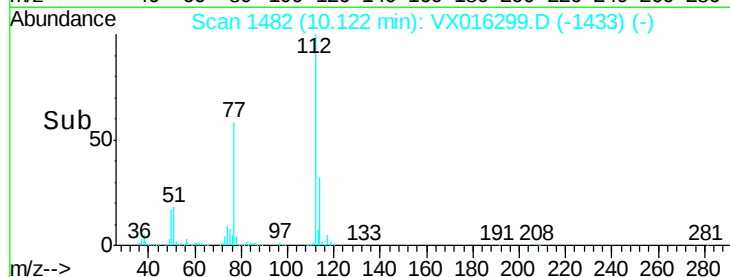
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.072 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

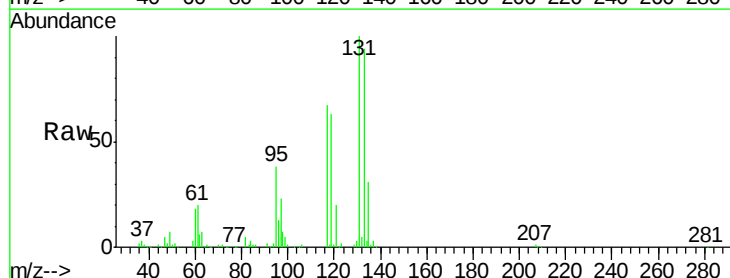
Tgt Ion:131 Resp: 67054

Ion Ratio Lower Upper

131 100

133 95.2 48.3 144.8

119 64.4 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

100000

80000

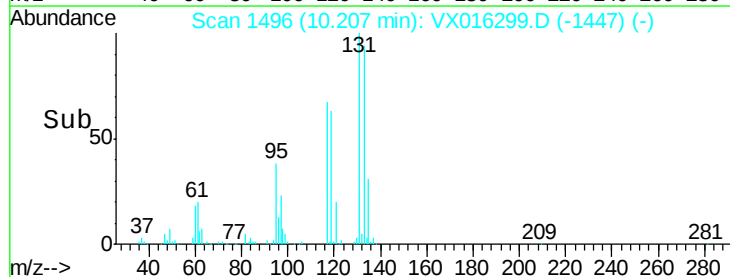
60000

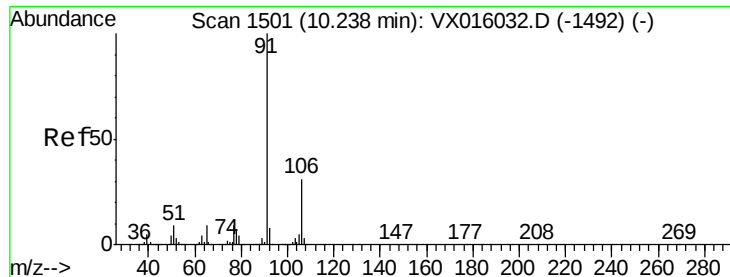
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 17.992 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

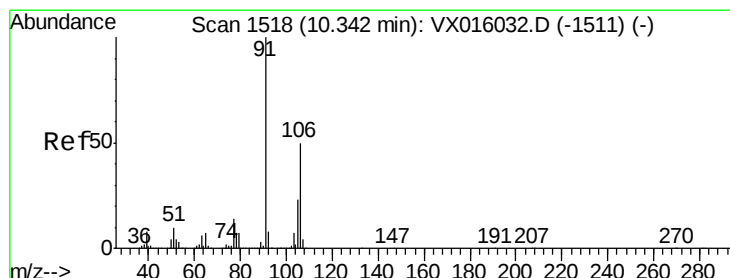
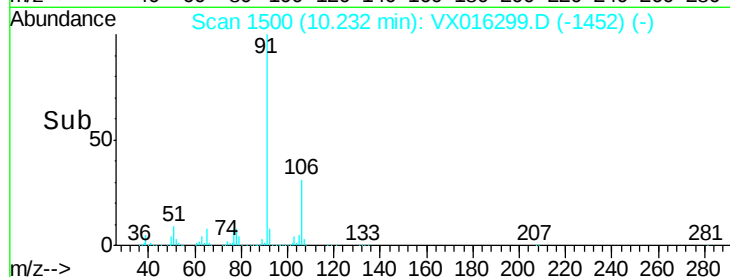
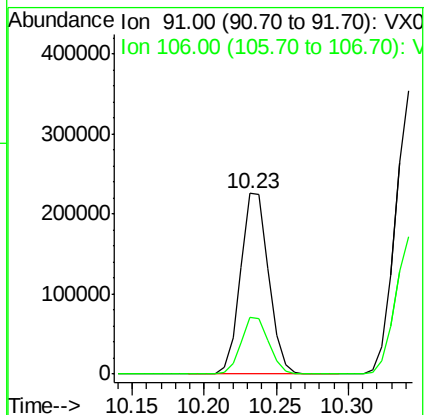
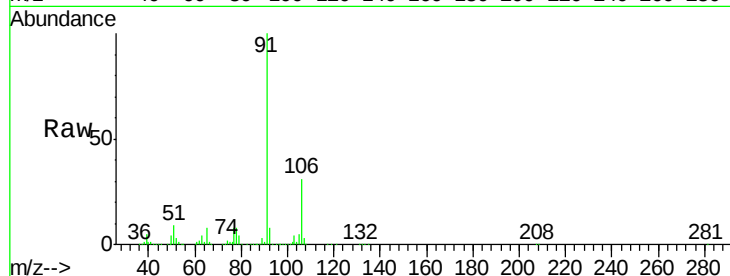
ClientSampleId :

Tot Ion: 91 Resp: 305367

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 36.574 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016299.D

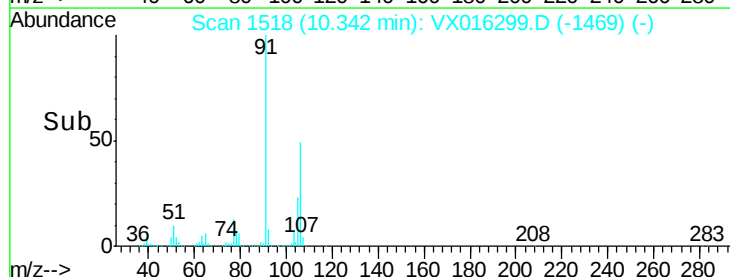
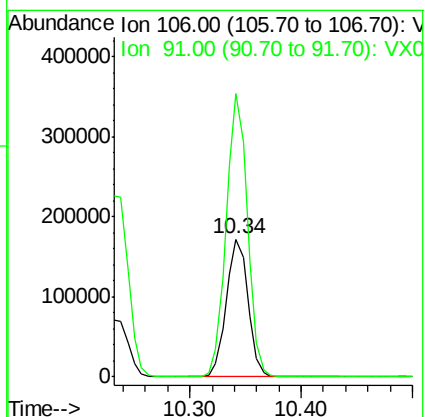
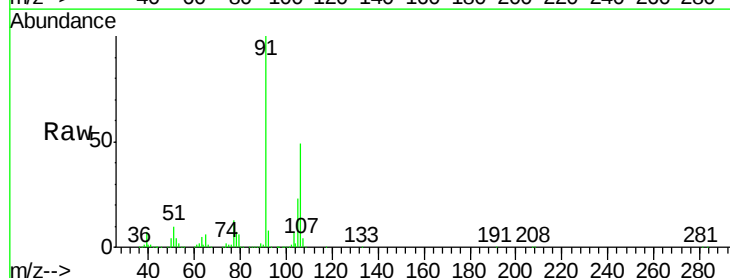
Acq: 18 May 2020 15:25

Tgt Ion: 106 Resp: 232562

Ion Ratio Lower Upper

106 100

91 201.3 161.7 242.5

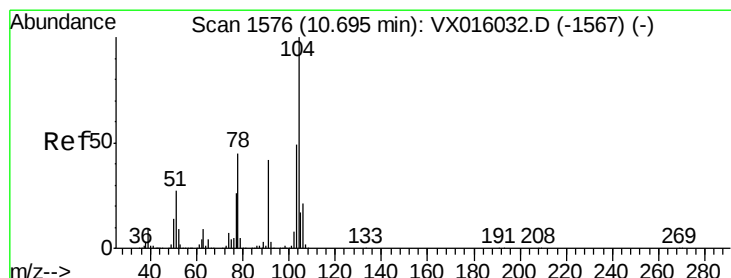
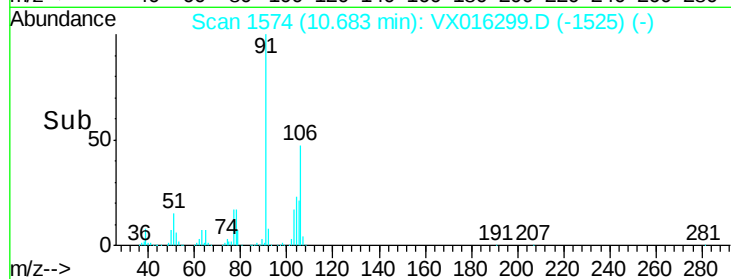
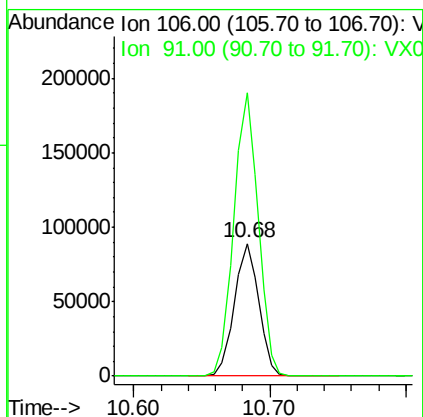
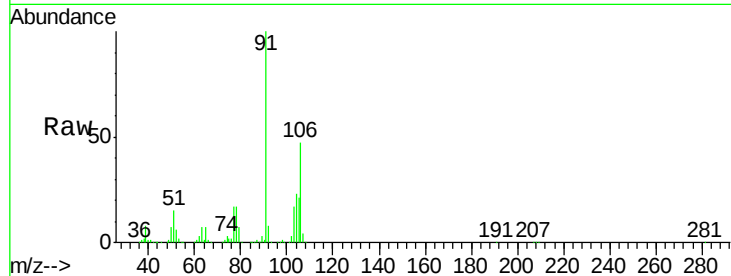




#69
o-Xylene
Concen: 18.250 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

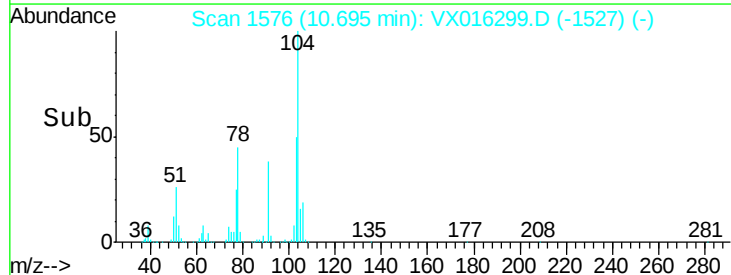
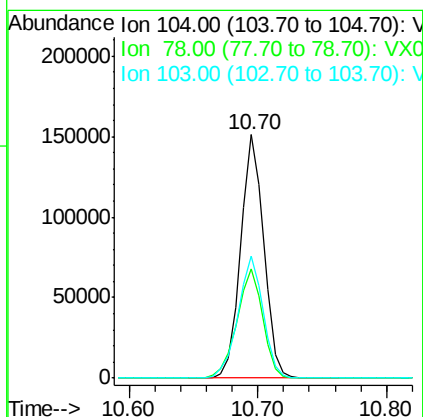
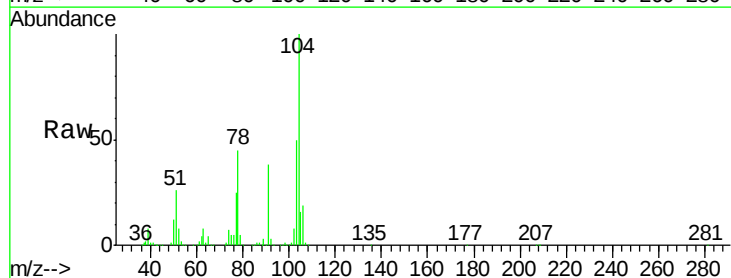
Instrument :
MSVOA_X
ClientSampled :

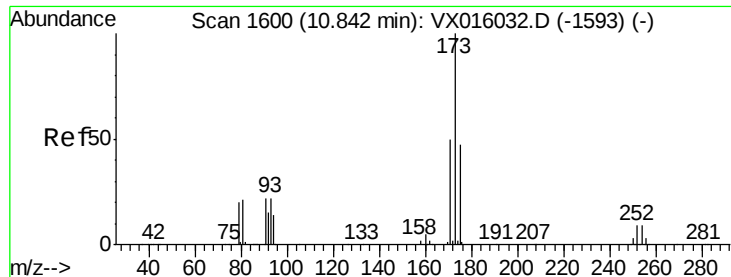
Tot Ion:106 Resp: 111551
Ion Ratio Lower Upper
106 100
91 213.2 107.5 322.6



#70
Styrene
Concen: 18.138 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion:104 Resp: 188079
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 54.5 43.0 64.6





#71

Bromoform

Concen: 19.258 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampled :

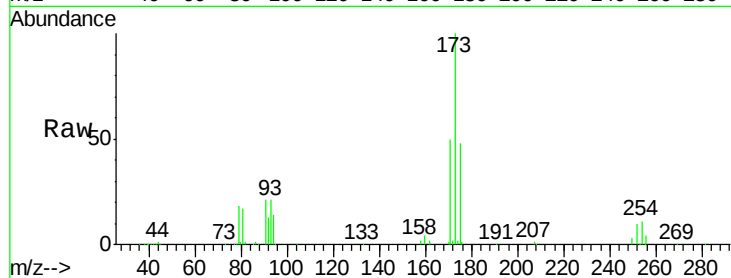
Tot Ion:173 Resp: 55163

Ion Ratio Lower Upper

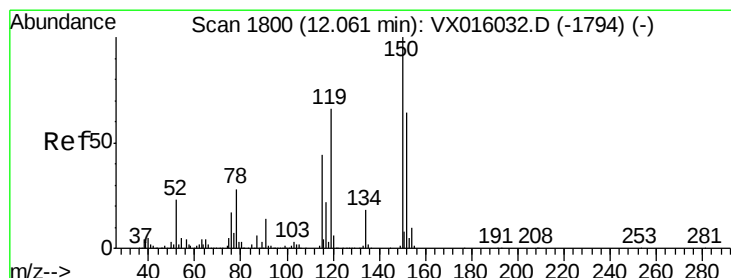
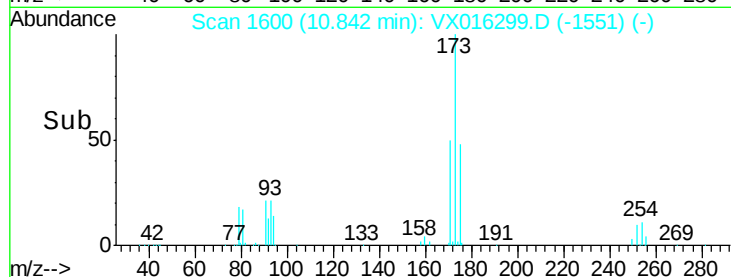
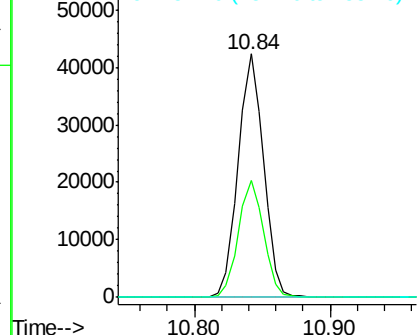
173 100

175 47.8 24.0 72.0

254 0.0 0.1 0.1#



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: VX016299.D

Acq: 18 May 2020 15:25

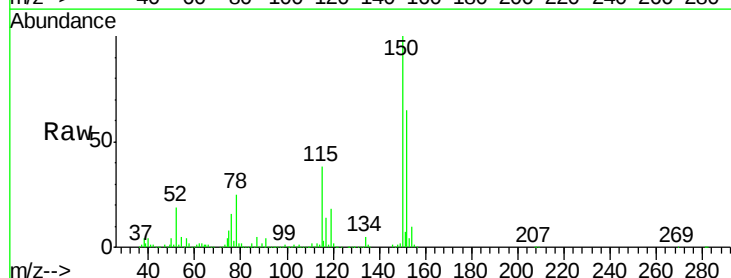
Tgt Ion:152 Resp: 231002

Ion Ratio Lower Upper

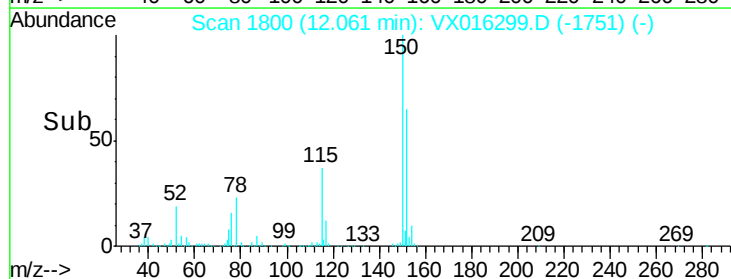
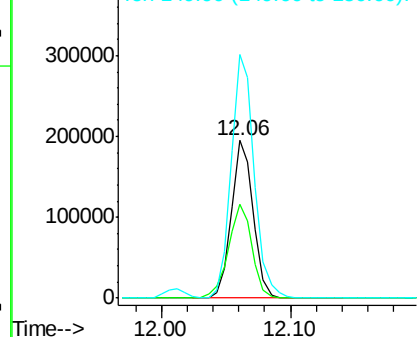
152 100

115 64.3 41.3 124.1

150 163.7 0.0 352.2



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





#73

Isopropylbenzene

Concen: 17.157 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

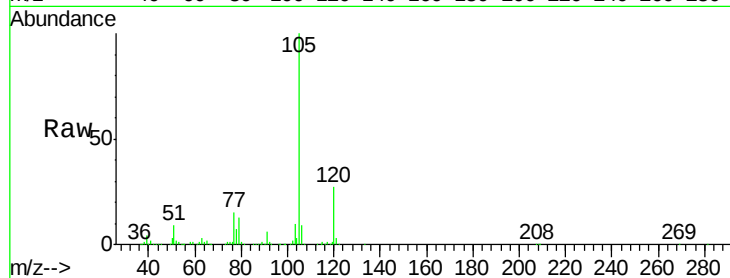
ClientSampleId :

Tot Ion:105 Resp: 288261

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

200000

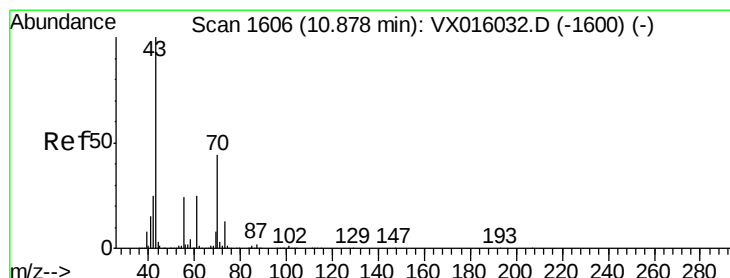
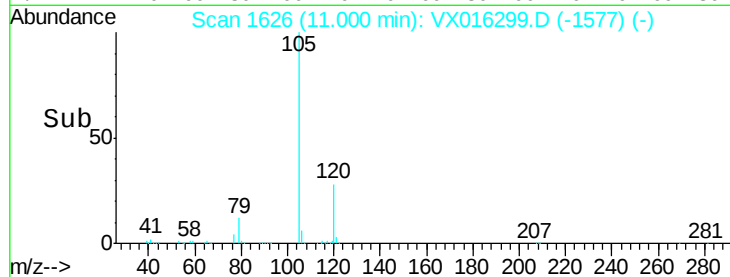
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.944 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Tgt Ion: 43 Resp: 132789

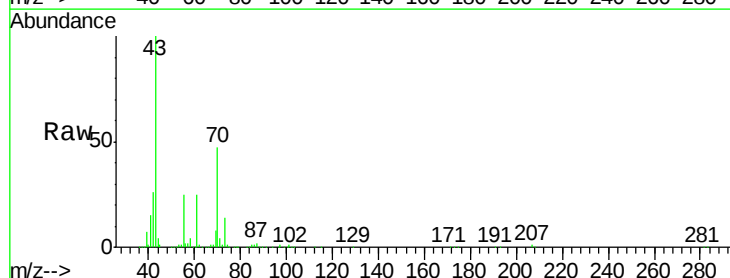
Ion Ratio Lower Upper

43 100

70 47.0 36.5 54.7

55 25.9 19.7 29.5

61 26.5 20.9 31.3



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

10.88

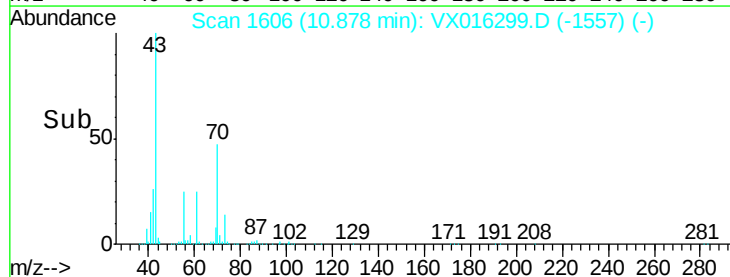
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.444 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

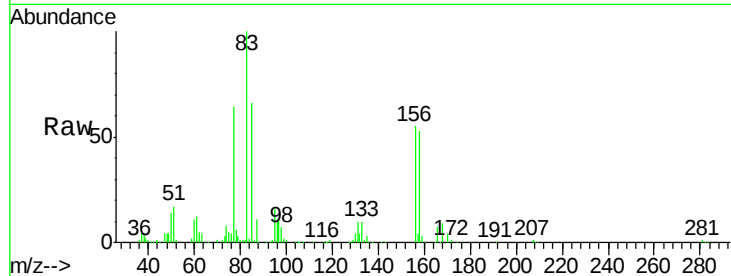
Tot Ion: 83 Resp: 66499

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

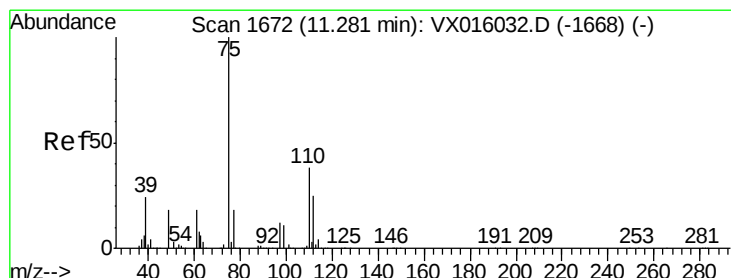
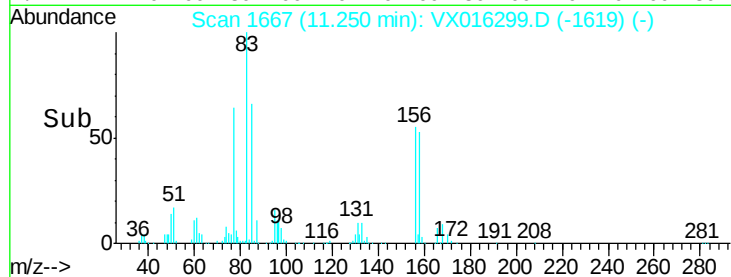
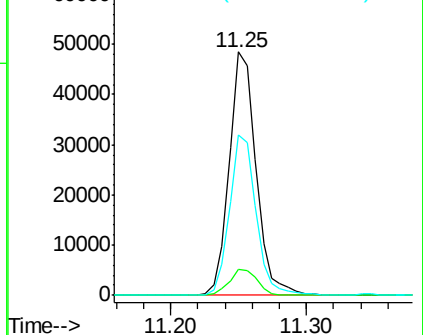
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.678 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016299.D

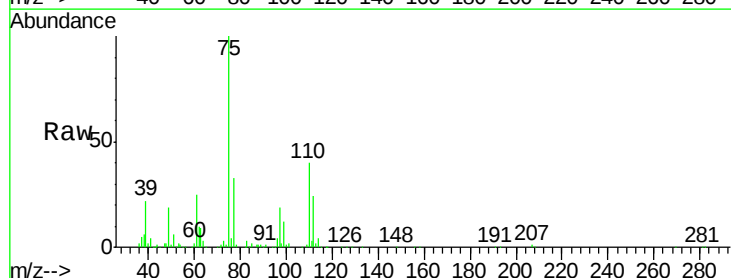
Acq: 18 May 2020 15:25

Tgt Ion: 75 Resp: 124122

Ion Ratio Lower Upper

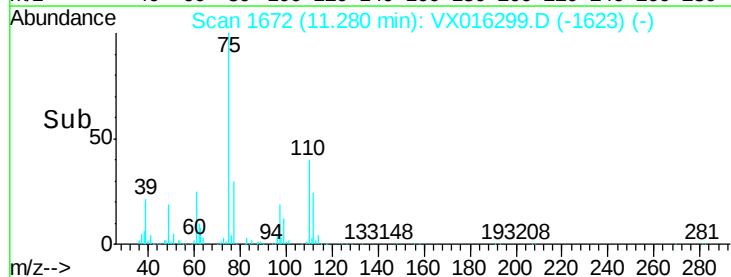
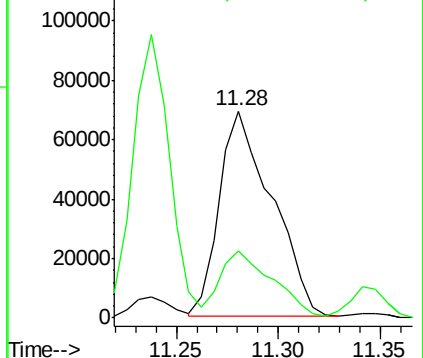
75 100

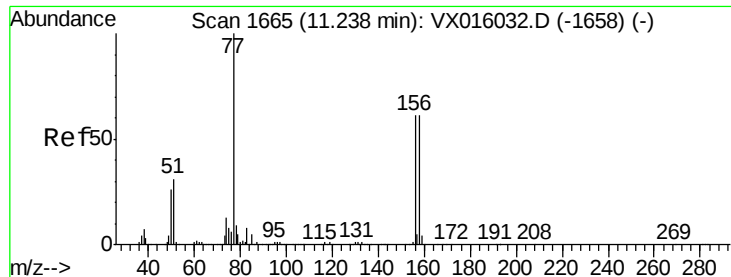
77 32.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.017 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

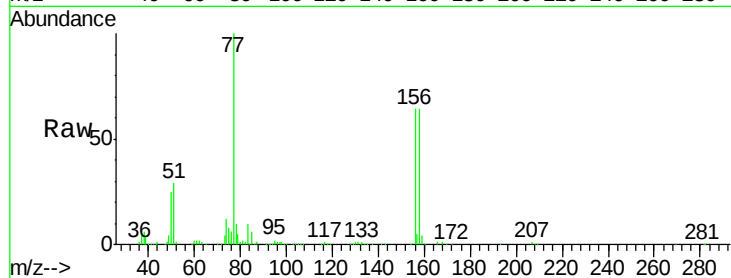
Tot Ion:156 Resp: 78136

Ion Ratio Lower Upper

156 100

77 153.6 80.1 240.3

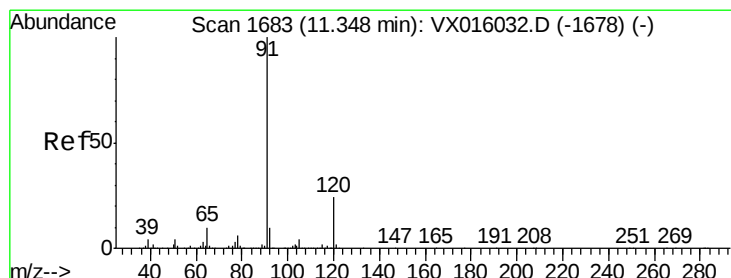
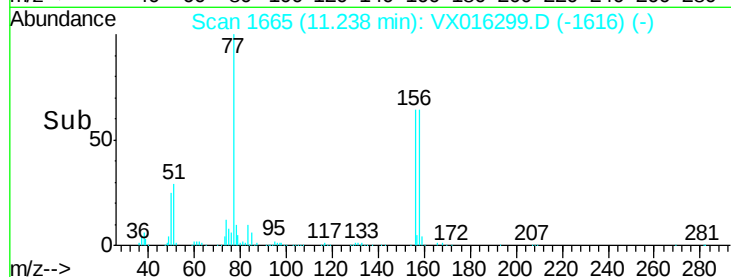
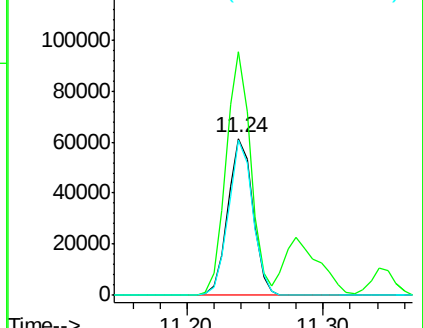
158 97.0 49.4 148.2



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: 16.678 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016299.D

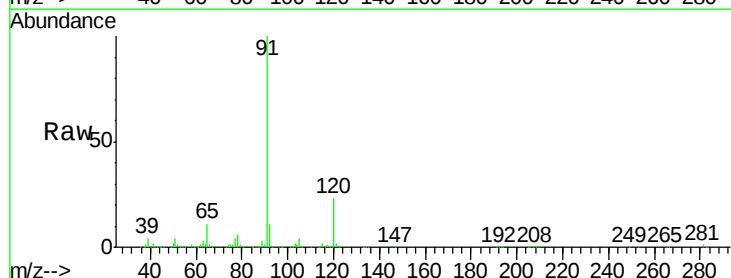
Acq: 18 May 2020 15:25

Tgt Ion: 91 Resp: 325988

Ion Ratio Lower Upper

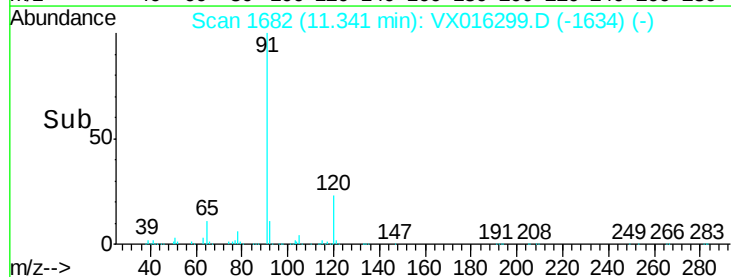
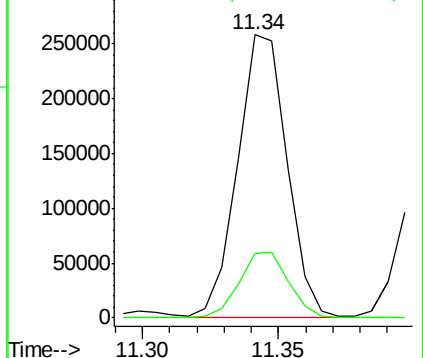
91 100

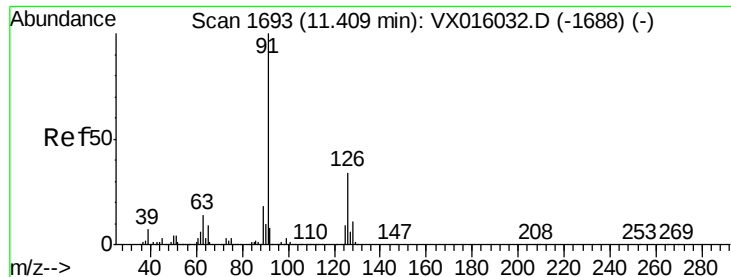
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

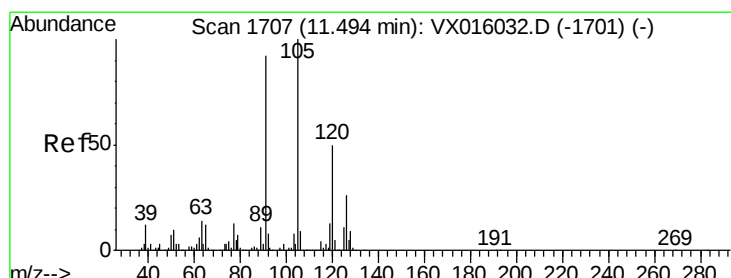
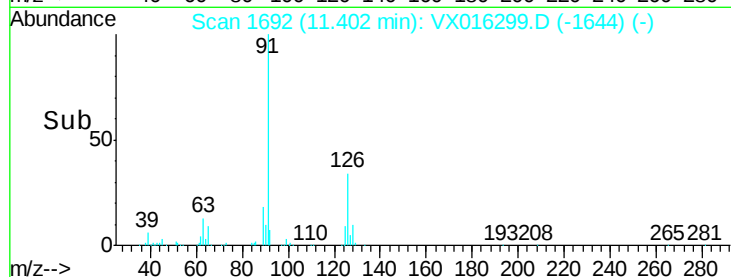
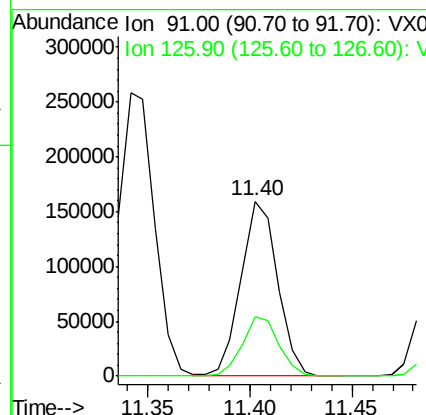
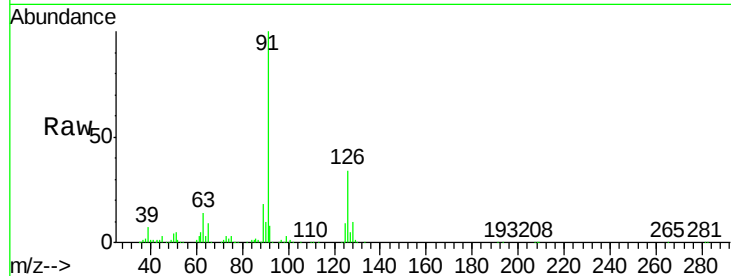




#79
 2-Chlorotoluene
 Concen: 17.316 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

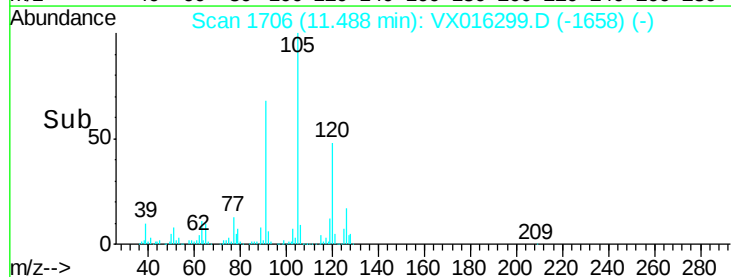
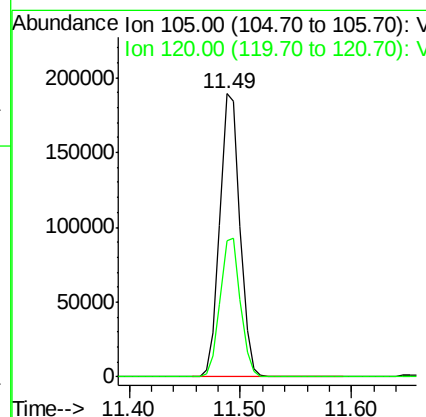
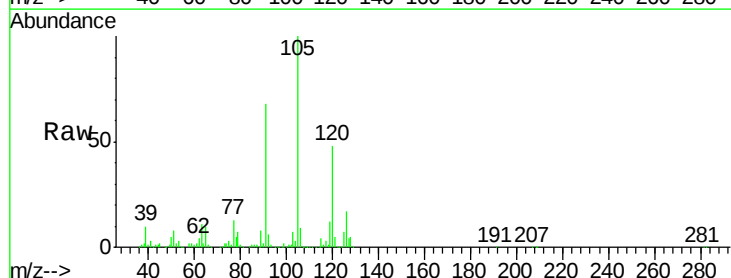
Instrument :
 MSVOA_X
 ClientSampleId :

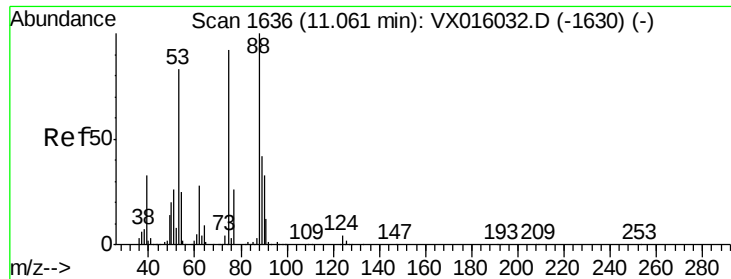
Tot Ion: 91 Resp: 199782
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 16.729 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion: 105 Resp: 237325
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 74.0

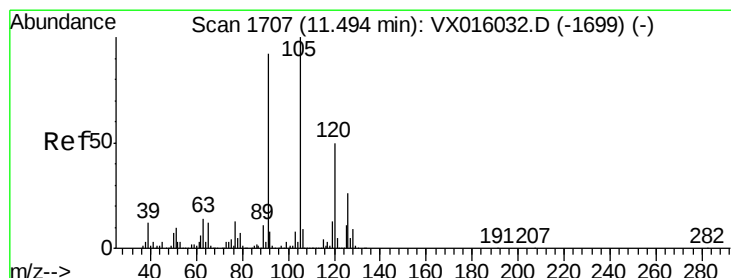
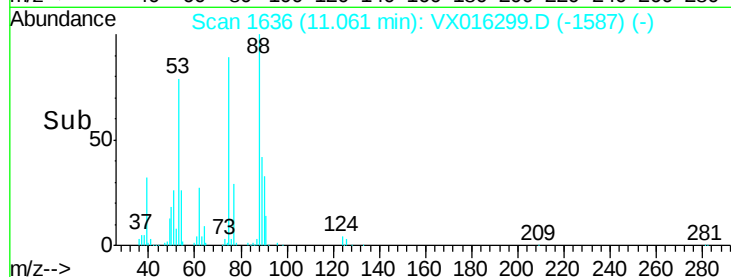
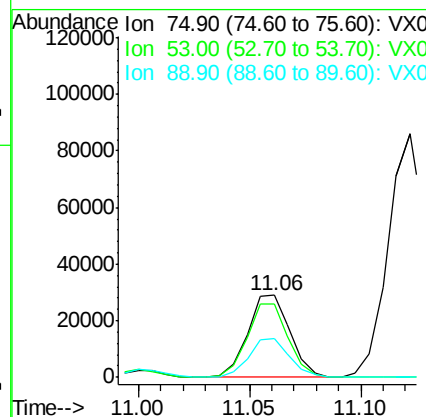
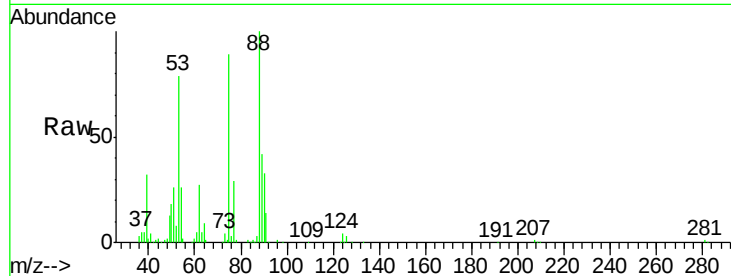




#81
trans-1,4-Dichloro-2-butene
Concen: 17.277 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

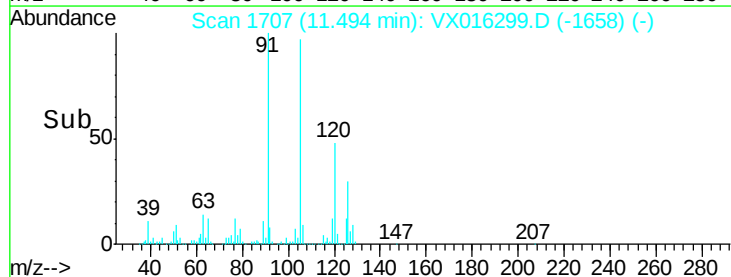
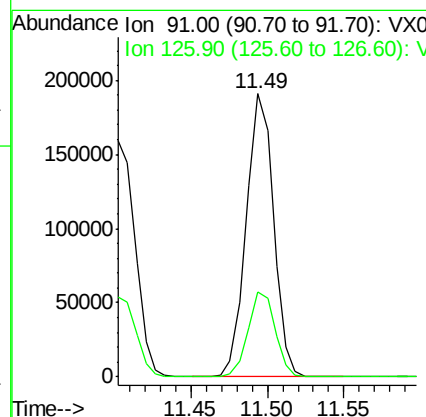
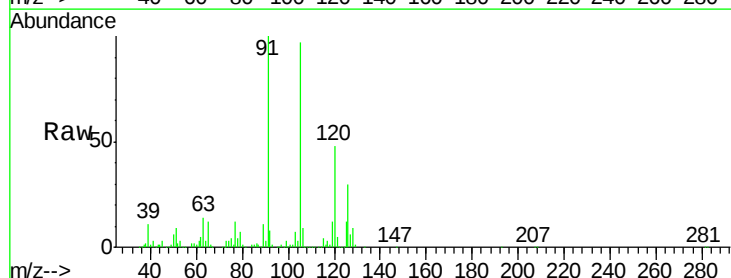
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 38004
Ion Ratio Lower Upper
75 100
53 87.8 73.1 109.7
89 46.7 36.7 55.1



#82
4-Chlorotoluene
Concen: 17.385 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion: 91 Resp: 236868
Ion Ratio Lower Upper
91 100
126 29.9 14.8 44.3





#83

tert-Butylbenzene

Concen: 16.031 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

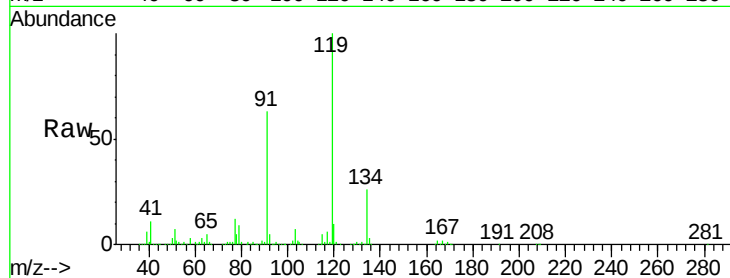
Tot Ion:119 Resp: 195993

Ion Ratio Lower Upper

119 100

91 63.0 32.8 98.4

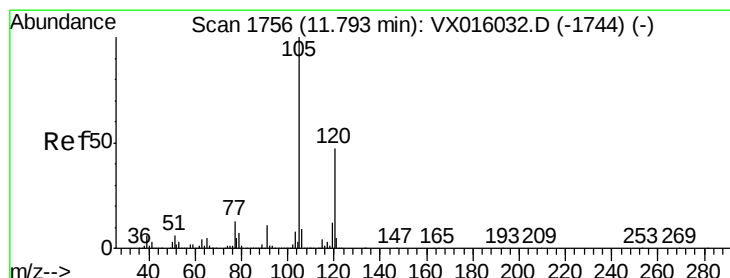
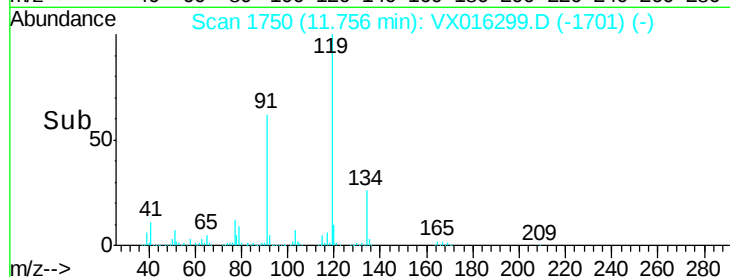
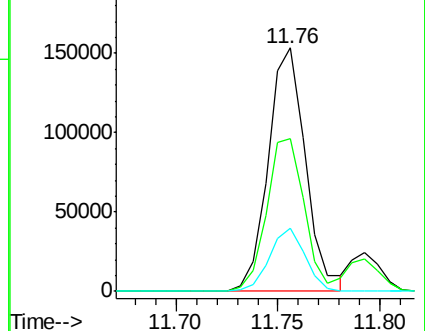
134 24.7 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 16.861 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016299.D

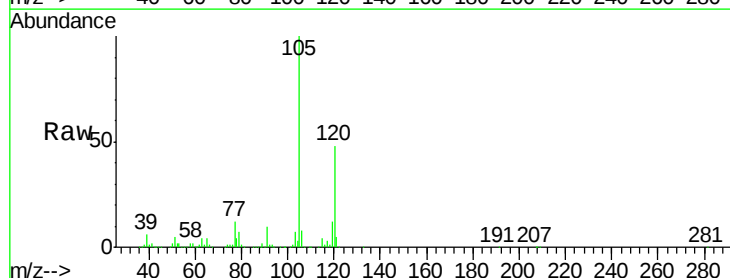
Acq: 18 May 2020 15:25

Tgt Ion:105 Resp: 241827

Ion Ratio Lower Upper

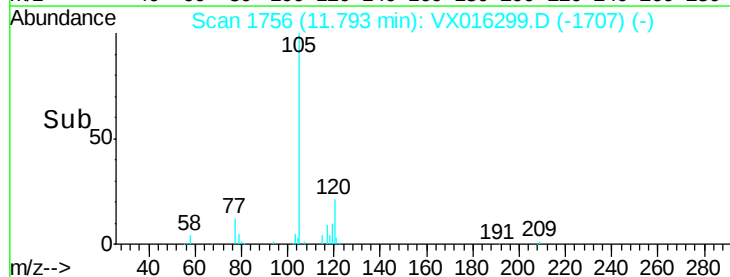
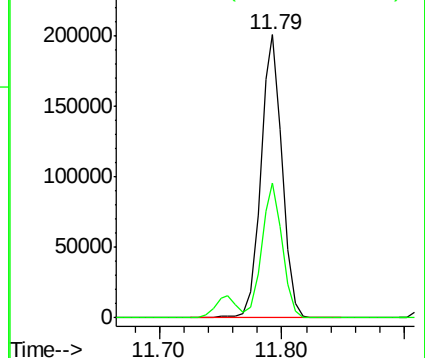
105 100

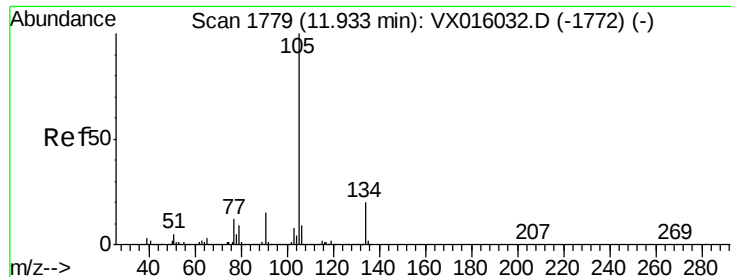
120 46.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 14.815 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

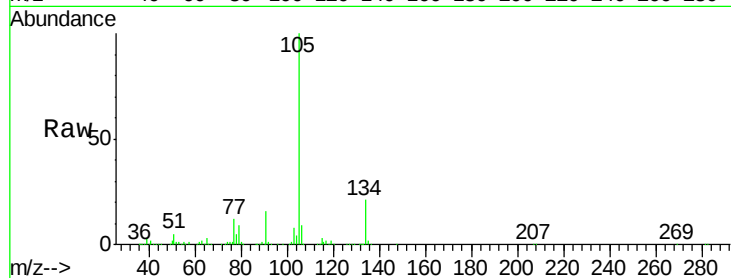
ClientSampleId :

Tot Ion:105 Resp: 244552

Ion Ratio Lower Upper

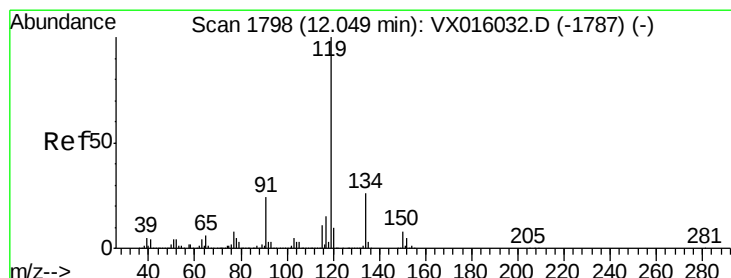
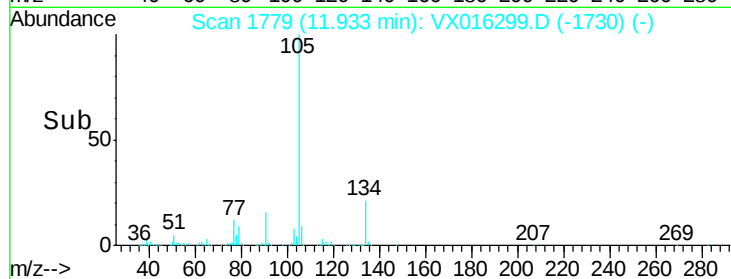
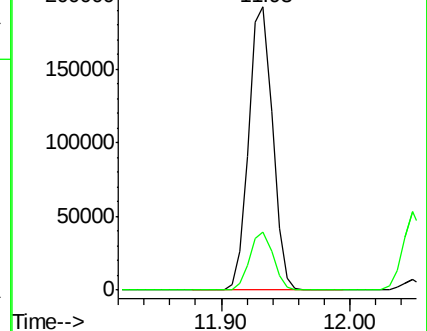
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 14.981 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

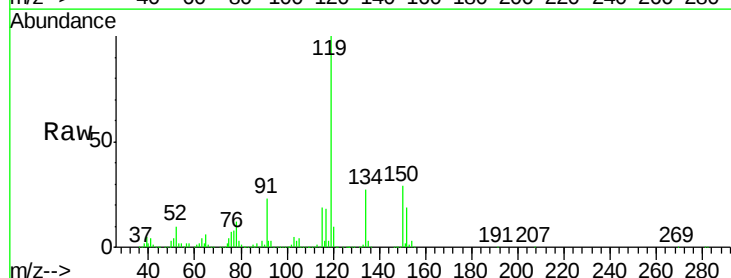
Tgt Ion:119 Resp: 229595

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

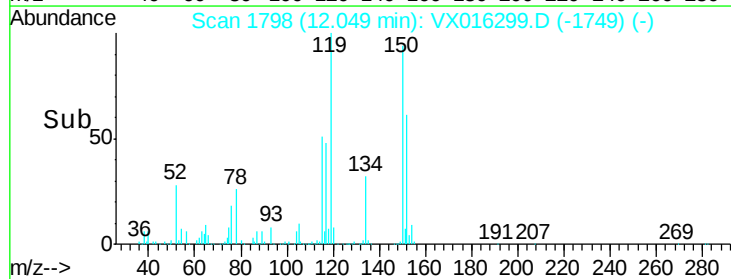
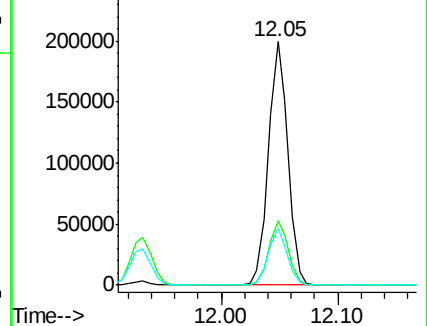
91 23.0 11.8 35.4

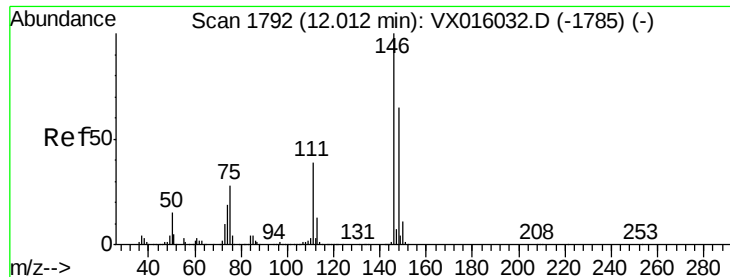


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.492 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

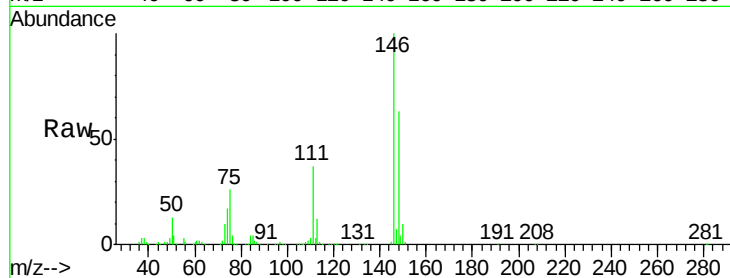
Tot Ion:146 Resp: 136212

Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.6

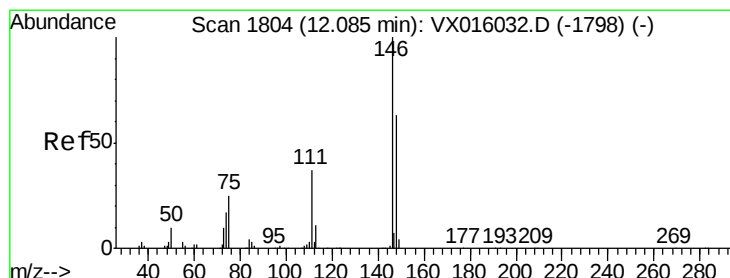
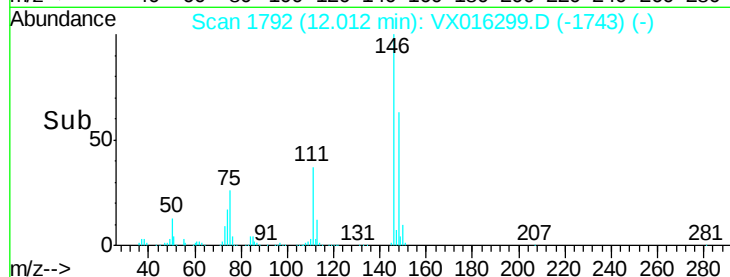
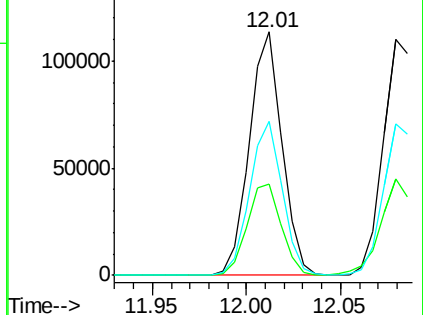
148 63.4 32.1 96.3



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: 17.482 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

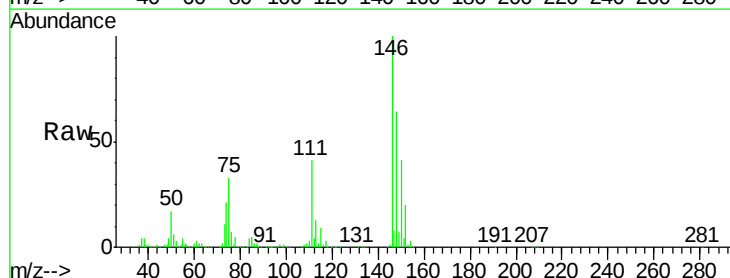
Tgt Ion:146 Resp: 138171

Ion Ratio Lower Upper

146 100

111 40.7 19.6 58.7

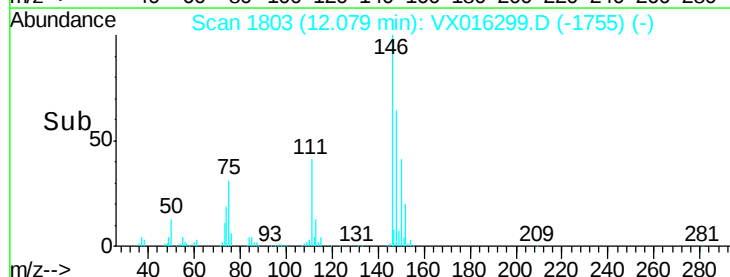
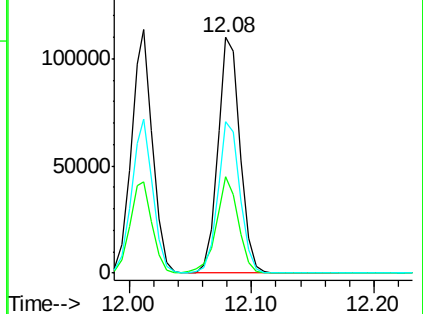
148 64.2 31.8 95.3

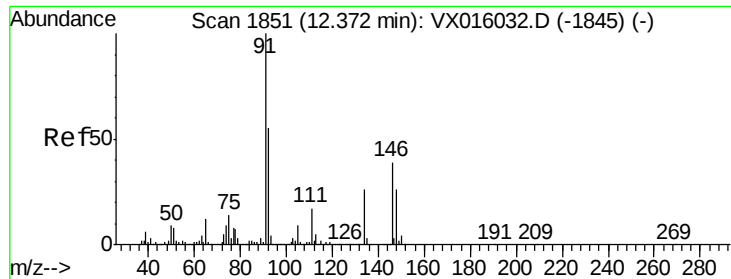


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

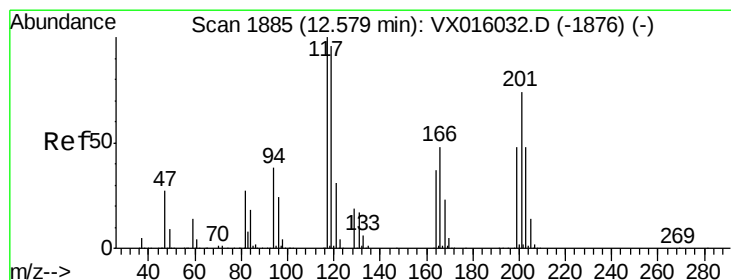
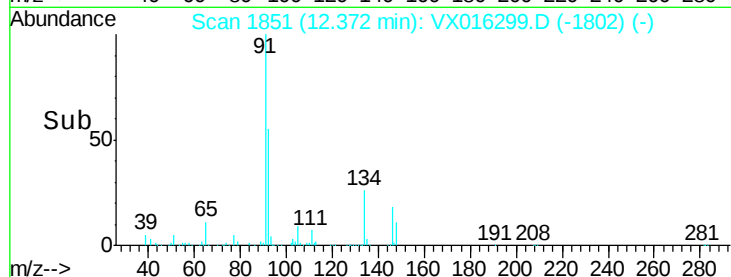
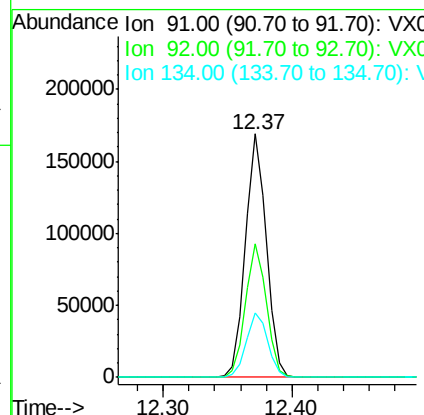
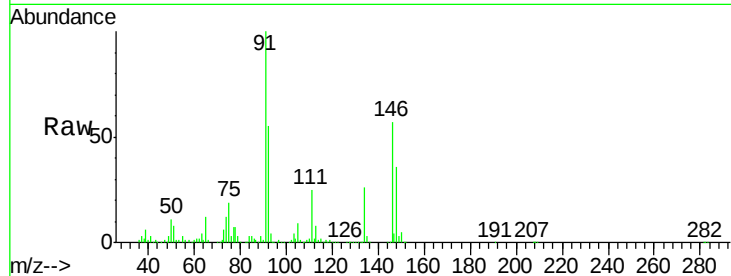




#89
n-Butylbenzene
Concen: 13.576 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

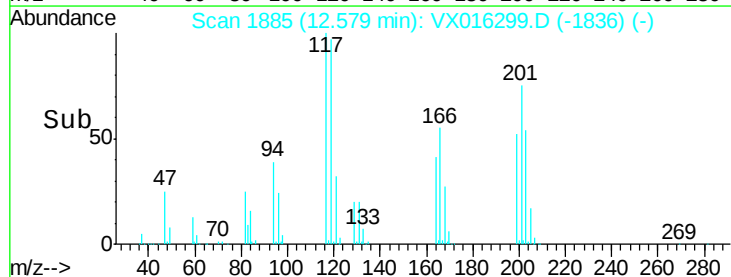
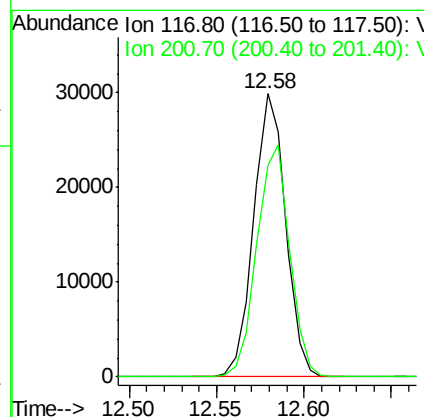
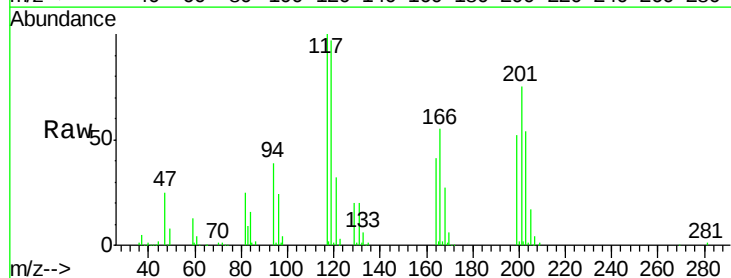
Instrument :
MSVOA_X
ClientSampled :

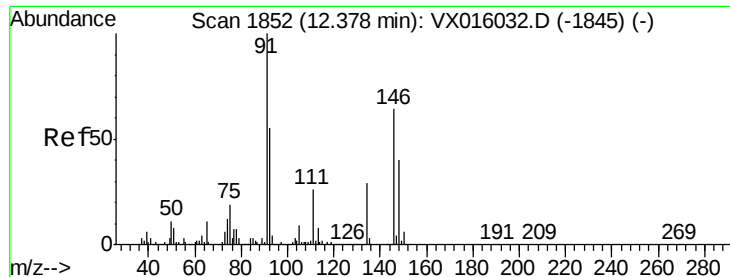
Tot Ion: 91 Resp: 190073
Ion Ratio Lower Upper
91 100
92 55.0 27.6 82.7
134 26.9 13.4 40.1



#90
Hexachloroethane
Concen: 14.419 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016299.D
Acq: 18 May 2020 15:25

Tgt Ion: 117 Resp: 37952
Ion Ratio Lower Upper
117 100
201 84.3 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 17.605 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

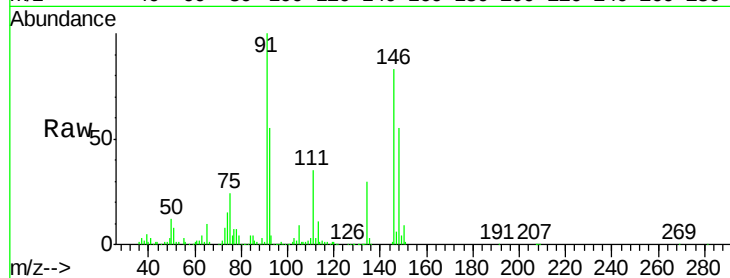
Tot Ion:146 Resp: 132002

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

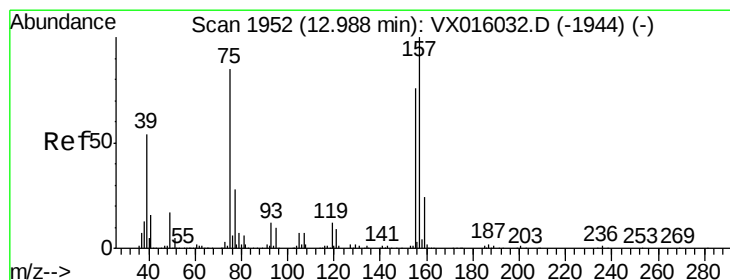
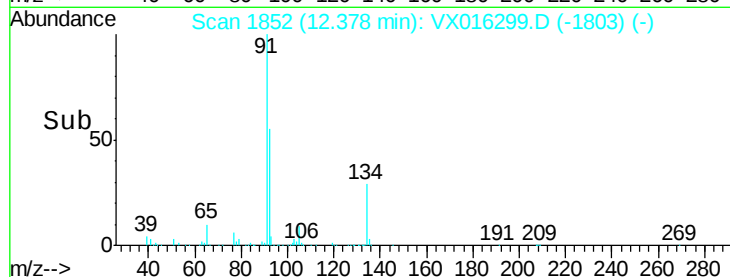
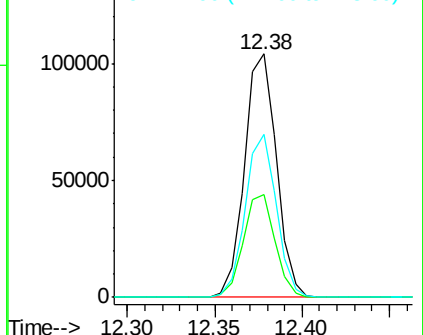
148 65.4 32.4 97.0



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: 16.333 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

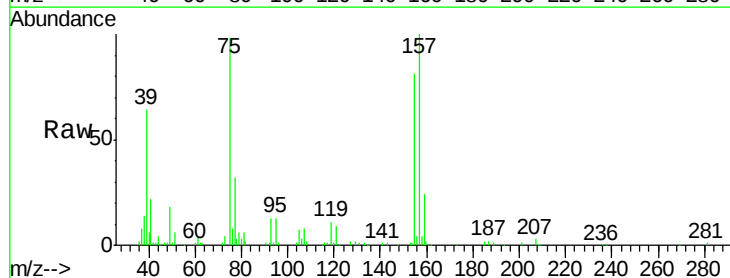
Tgt Ion: 75 Resp: 22565

Ion Ratio Lower Upper

75 100

155 90.5 42.5 127.5

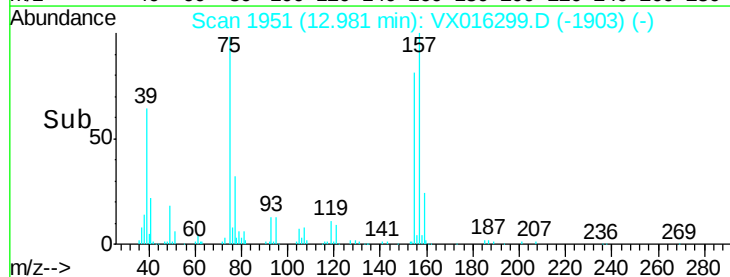
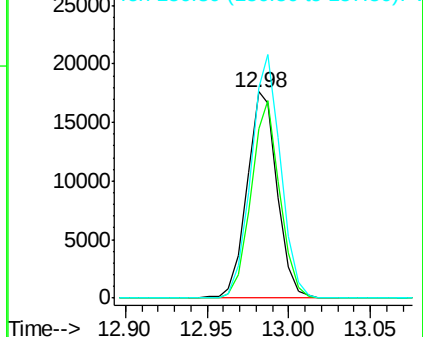
157 116.0 55.3 165.8



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

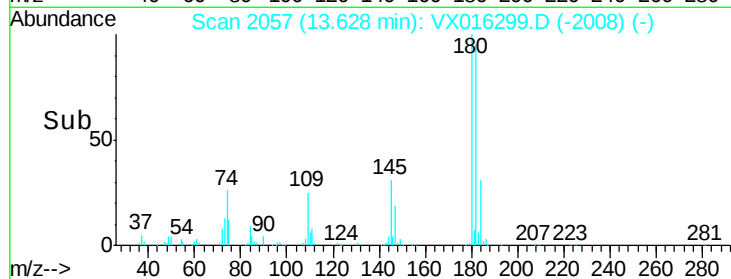
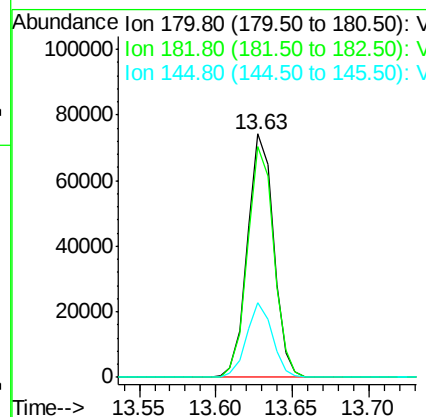
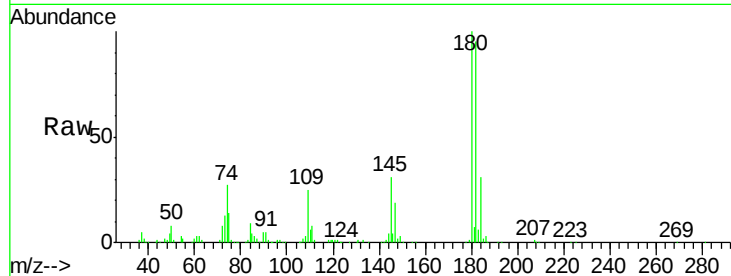




#93
 1,2,4-Trichlorobenzene
 Concen: 15.848 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

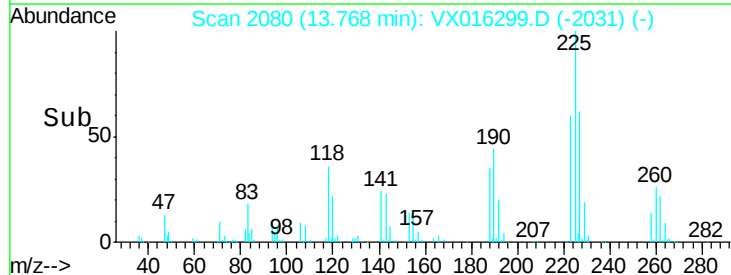
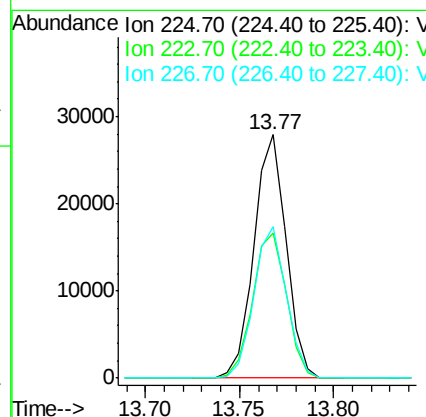
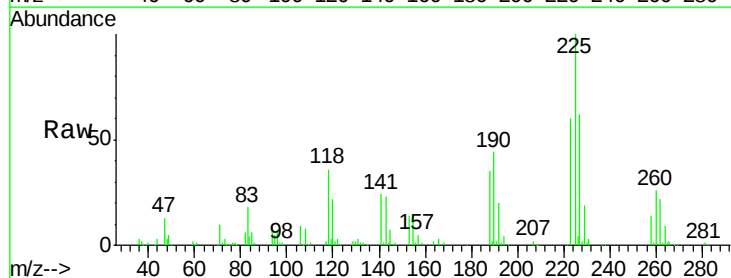
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 87977
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.7 146.1
 145 30.1 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 14.213 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016299.D
 Acq: 18 May 2020 15:25

Tgt Ion:225 Resp: 33068
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.3 96.9
 227 62.6 31.8 95.4





#95

Naphthalene

Concen: 17.351 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

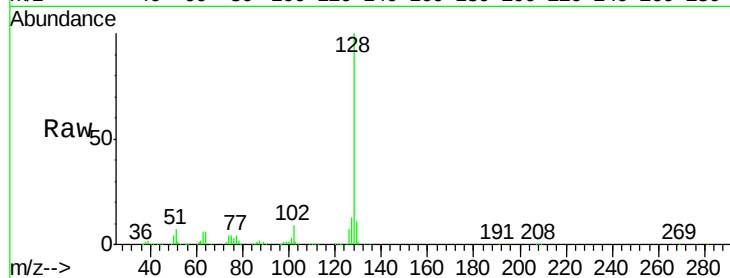
Tot Ion:128 Resp: 311881

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

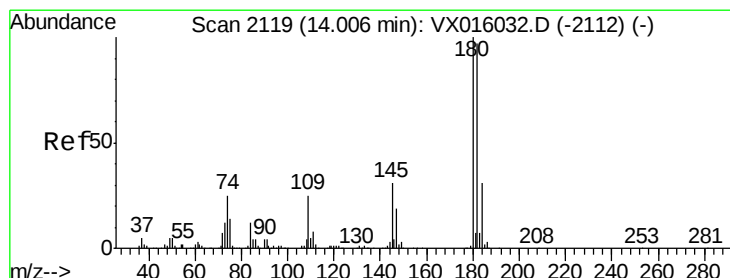
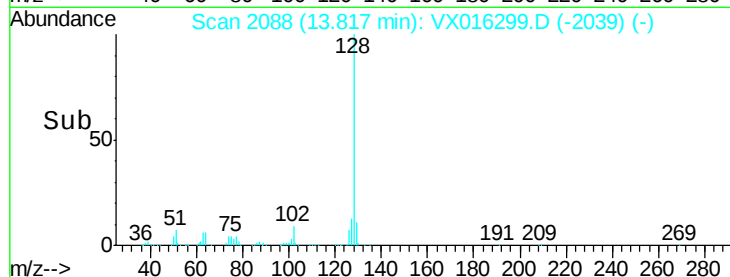
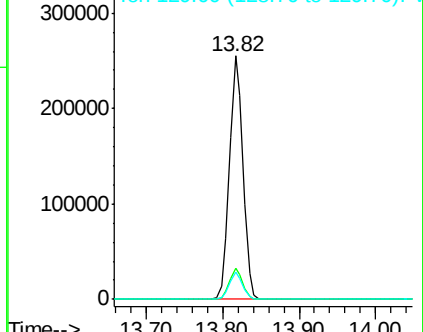
129 11.0 8.7 13.1



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: 15.699 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016299.D

Acq: 18 May 2020 15:25

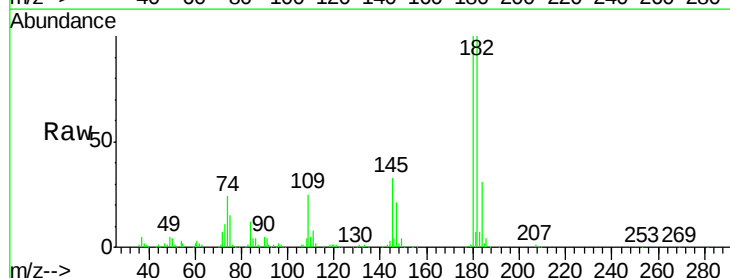
Tgt Ion:180 Resp: 85169

Ion Ratio Lower Upper

180 100

182 95.6 48.4 145.0

145 32.2 16.4 49.1



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

