

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072920\
 Data File : VX017667.D
 Acq On : 29 Jul 2020 11:40
 Operator : JC/SP
 Sample : VX0729WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 30 04:33:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	558653	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	834062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	774551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	423150	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	358210	49.92	ug/l	0.00
Spiked Amount						
			Recovery	=	99.84%	
35) Dibromofluoromethane	5.46	113	277554	49.76	ug/l	0.00
Spiked Amount						
			Recovery	=	99.52%	
50) Toluene-d8	8.70	98	952172	47.32	ug/l	0.00
Spiked Amount						
			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.12	95	390612	48.50	ug/l	0.00
Spiked Amount						
			Recovery	=	97.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	99325	18.523	ug/l	99
3) Chloromethane	1.32	50	111862	16.447	ug/l	100
4) Vinyl Chloride	1.39	62	118476	16.853	ug/l	98
5) Bromomethane	1.63	94	86922	21.253	ug/l	100
6) Chloroethane	1.72	64	70197	17.614	ug/l	100
7) Trichlorofluoromethane	1.92	101	195533	17.684	ug/l	100
8) Diethyl Ether	2.17	74	64623	17.131	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103375	17.036	ug/l	99
10) Methyl Iodide	2.50	142	122116	15.731	ug/l	96
11) Tert butyl alcohol	3.01	59	125078	82.700	ug/l	100
12) 1,1-Dichloroethene	2.36	96	100036	17.336	ug/l	95
13) Acrolein	2.27	56	76499	69.298	ug/l	98
14) Allyl chloride	2.71	41	187491	17.795	ug/l	95
15) Acrylonitrile	3.12	53	276139	84.532	ug/l	98
16) Acetone	2.42	43	251132	79.511	ug/l	99
17) Carbon Disulfide	2.55	76	285302	16.267	ug/l	98
18) Methyl Acetate	2.75	43	131222	17.641	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	348481	17.448	ug/l	100
20) Methylene Chloride	2.84	84	114591	18.453	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	105750	17.107	ug/l	97
22) Diisopropyl ether	3.82	45	350887	18.213	ug/l	92
23) Vinyl Acetate	3.78	43	1528119	88.961	ug/l	99
24) 1,1-Dichloroethane	3.67	63	199624	17.987	ug/l	98
25) 2-Butanone	4.64	43	384943	85.792	ug/l	99
26) 2,2-Dichloropropane	4.55	77	185895	18.713	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	122065	18.180	ug/l	99
28) Bromochloromethane	4.98	49	96985	19.285	ug/l	97
29) Tetrahydrofuran	5.09	42	237141	85.323	ug/l	98
30) Chloroform	5.18	83	211497	18.651	ug/l	98
31) Cyclohexane	5.54	56	163840	18.513	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	197223	18.444	ug/l	100
36) 1,1-Dichloropropene	5.77	75	154186	19.275	ug/l	100
37) Ethyl Acetate	4.79	43	149685	17.102	ug/l	99
38) Carbon Tetrachloride	5.75	117	184131	18.955	ug/l	98

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Instrument :
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Quant Time: Jul 30 04:33:31 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	161395	17.283	ug/l	98
40) Benzene	6.11	78	430755	18.782	ug/l	97
41) Methacrylonitrile	5.00	41	86133	17.169	ug/l	98
42) 1,2-Dichloroethane	6.16	62	176799	18.844	ug/l	99
43) Isopropyl Acetate	6.41	43	252132	17.459	ug/l	100
44) Trichloroethene	7.18	130	127437	19.014	ug/l	97
45) 1,2-Dichloropropane	7.49	63	109310	17.193	ug/l	96
46) Dibromomethane	7.63	93	79434	17.679	ug/l	99
47) Bromodichloromethane	7.87	83	163242	18.057	ug/l	99
48) Methyl methacrylate	7.74	41	118445	16.546	ug/l	99
49) 1,4-Dioxane	7.71	88	47121	343.339	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	721697	83.757	ug/l	99
52) Toluene	8.76	92	266197	18.099	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	179196	17.707	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	184958	17.918	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	110893	18.099	ug/l	96
56) Ethyl methacrylate	9.16	69	160264	17.362	ug/l	99
57) 1,3-Dichloropropane	9.35	76	179581	17.800	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	439435	90.359	ug/l	98
59) 2-Hexanone	9.47	43	558545	86.098	ug/l	99
60) Dibromochloromethane	9.56	129	137756	17.689	ug/l	99
61) 1,2-Dibromoethane	9.65	107	118304	18.136	ug/l	100
64) Tetrachloroethene	9.32	164	127872	18.394	ug/l	97
65) Chlorobenzene	10.12	112	303919	18.128	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	124608	18.416	ug/l	99
67) Ethyl Benzene	10.23	91	520366	18.594	ug/l	96
68) m/p-Xylenes	10.34	106	411097	37.918	ug/l	99
69) o-Xylene	10.68	106	189047	18.130	ug/l	100
70) Styrene	10.70	104	326070	18.379	ug/l	100
71) Bromoform	10.84	173	105405	17.981	ug/l	100
73) Isopropylbenzene	11.00	105	529887	18.254	ug/l	99
74) N-amyl acetate	10.88	43	214570	16.636	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	154762	17.080	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	196498	22.575	ug/l	82
77) Bromobenzene	11.24	156	148328	18.252	ug/l	97
78) n-propylbenzene	11.34	91	610919	18.660	ug/l	98
79) 2-Chlorotoluene	11.40	91	368217	18.156	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	457276	18.450	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	56166	16.259	ug/l	92
82) 4-Chlorotoluene	11.49	91	435338	18.197	ug/l	99
83) tert-Butylbenzene	11.76	119	438927	18.508	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	463817	18.815	ug/l	100
85) sec-Butylbenzene	11.93	105	514214	18.613	ug/l	100
86) p-Isopropyltoluene	12.05	119	493750	18.767	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	257784	18.472	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	265231	18.348	ug/l	98
89) n-Butylbenzene	12.37	91	421545	17.981	ug/l	99
90) Hexachloroethane	12.58	117	92696	17.871	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	249742	18.208	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38164	16.703	ug/l	98

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Quant Time: Jul 30 04:33:31 2020
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

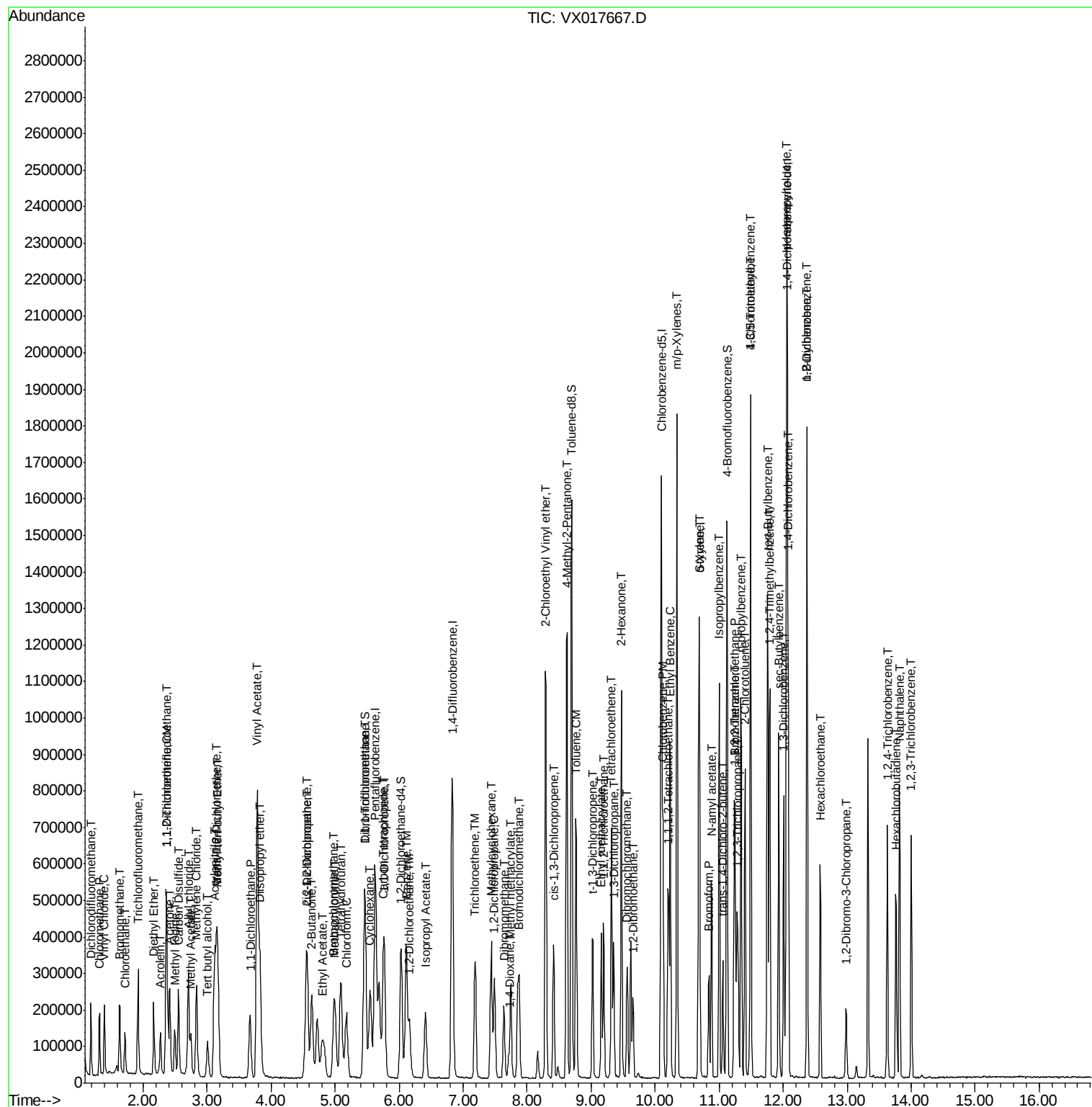
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	166490	17.786	ug/l	99
94) Hexachlorobutadiene	13.77	225	75780	17.586	ug/l	96
95) Naphthalene	13.82	128	484091	17.323	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	163579	17.698	ug/l	99

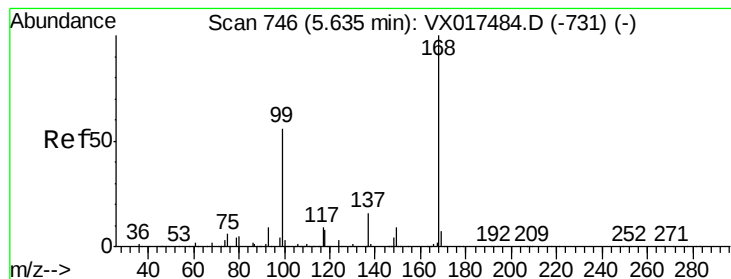
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072920\
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Quant Time: Jul 30 04:33:31 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

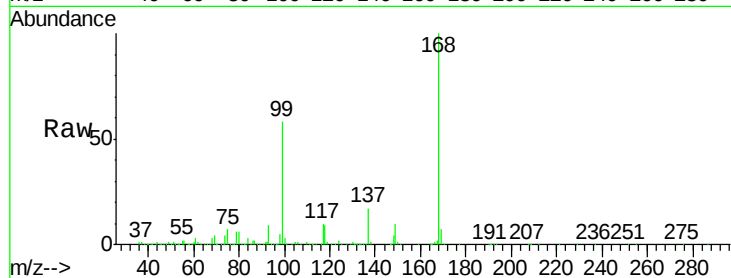
ClientSampleId :

Tot Ion:168 Resp: 558653

Ion Ratio Lower Upper

168 100

99 57.6 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

200000

150000

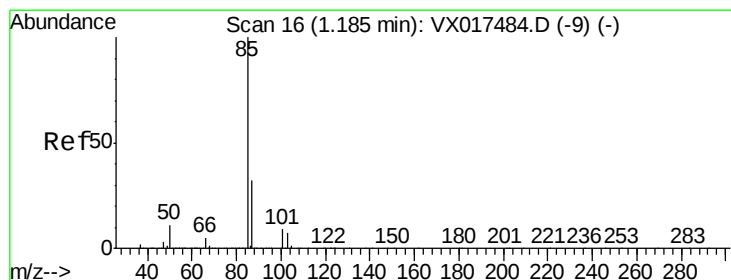
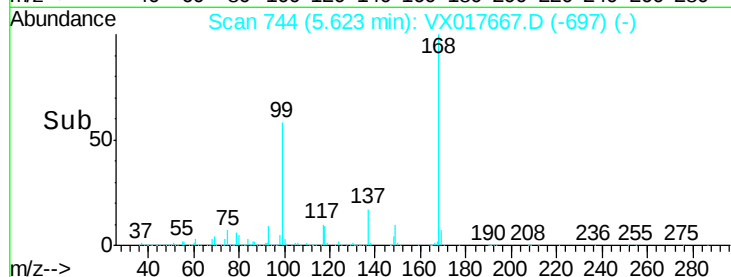
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.523 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017667.D

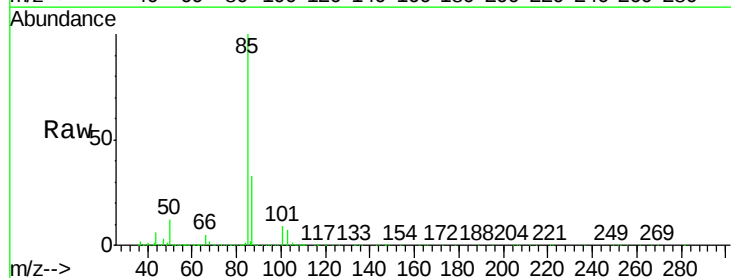
Acq: 29 Jul 2020 11:40

Tgt Ion: 85 Resp: 99325

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

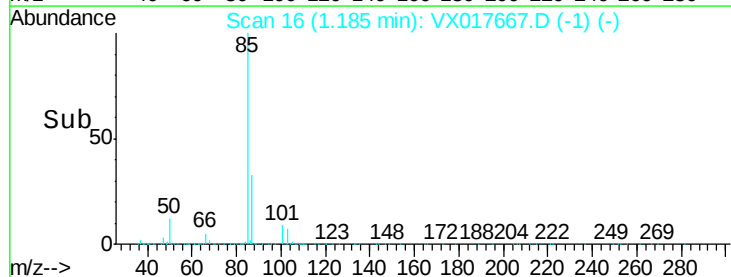
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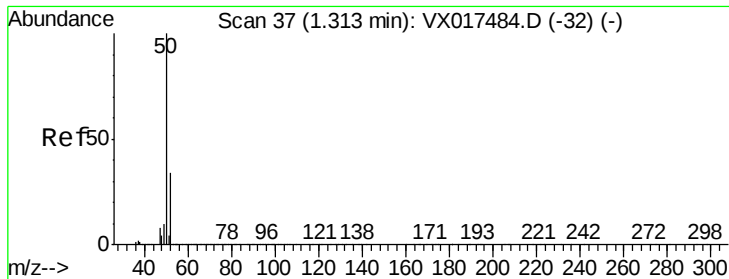
20000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.447 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

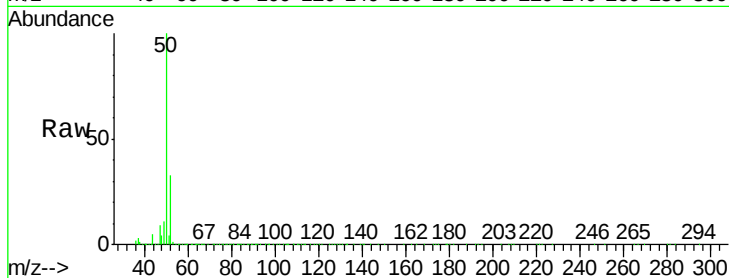
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 111862

Ion Ratio Lower Upper

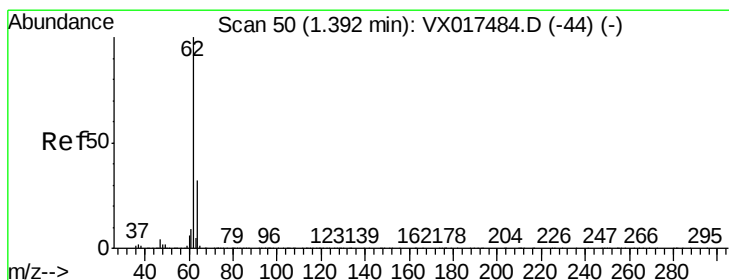
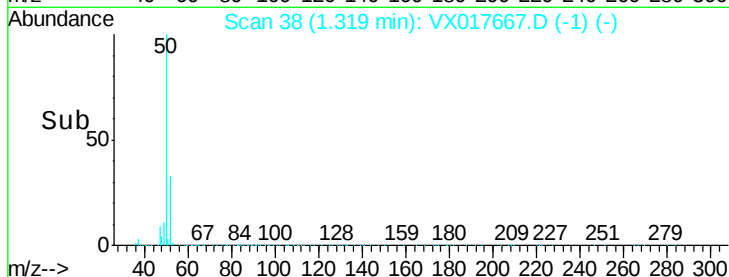
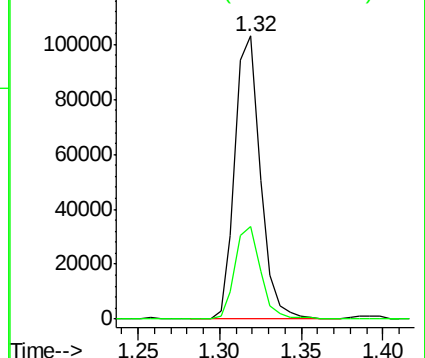
50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.853 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017667.D

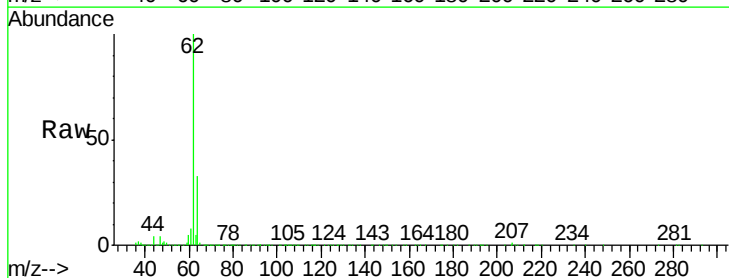
Acq: 29 Jul 2020 11:40

Tgt Ion: 62 Resp: 118476

Ion Ratio Lower Upper

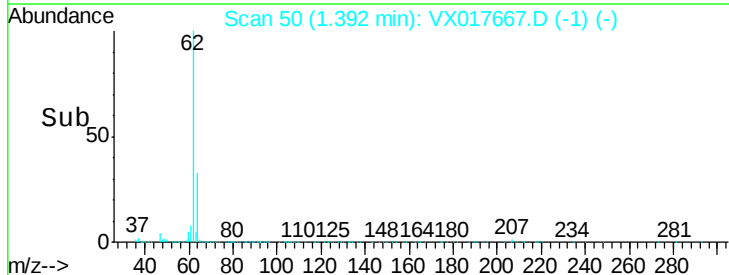
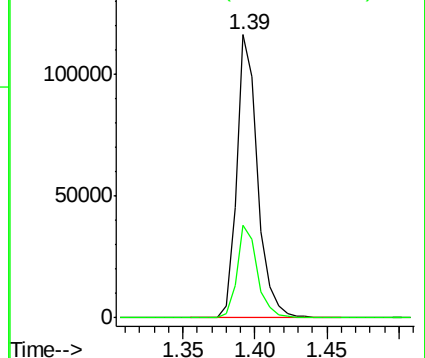
62 100

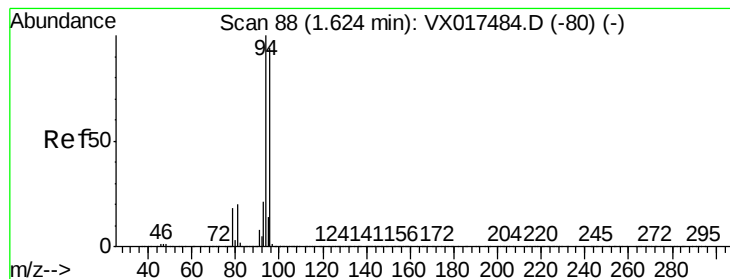
64 32.7 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.253 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

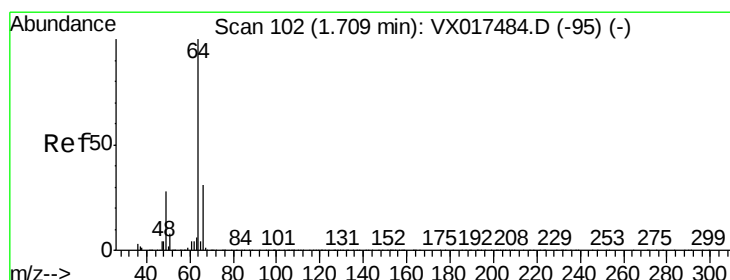
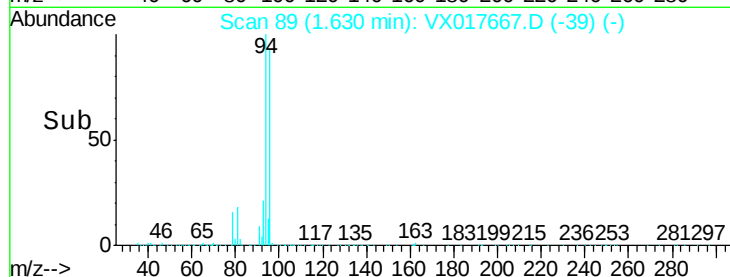
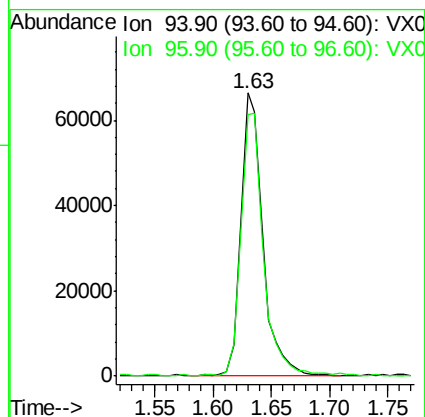
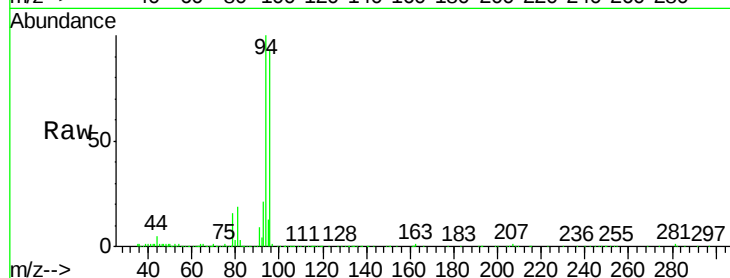
ClientSampleId :

Tot Ion: 94 Resp: 86922

Ion Ratio Lower Upper

94 100

96 92.4 74.1 111.1



#6

Chloroethane

Concen: 17.614 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017667.D

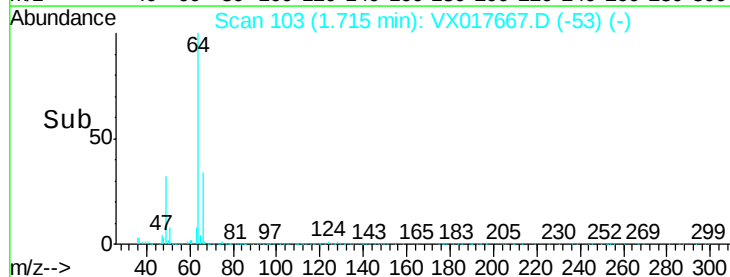
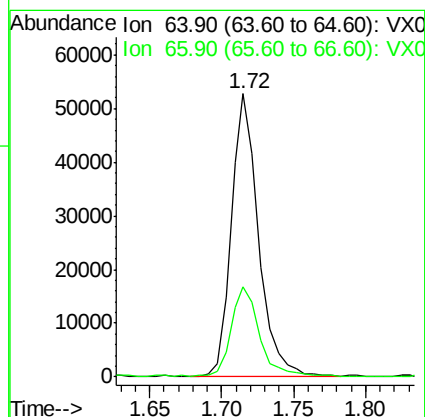
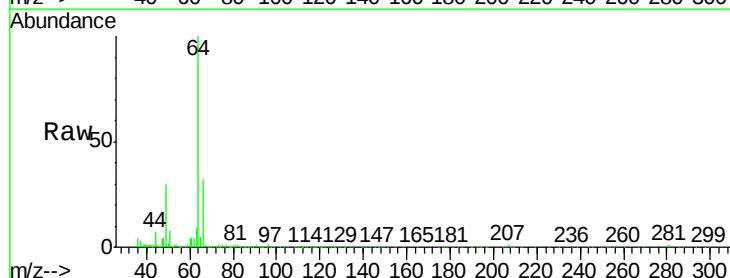
Acq: 29 Jul 2020 11:40

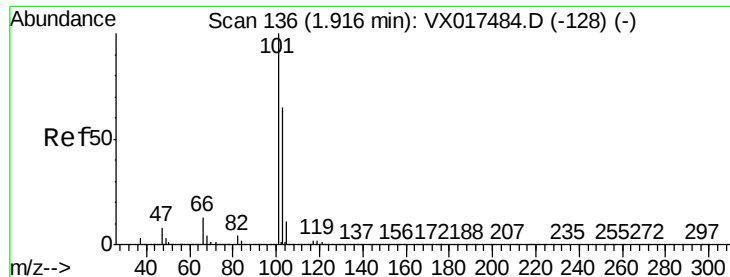
Tgt Ion: 64 Resp: 70197

Ion Ratio Lower Upper

64 100

66 31.3 24.9 37.3



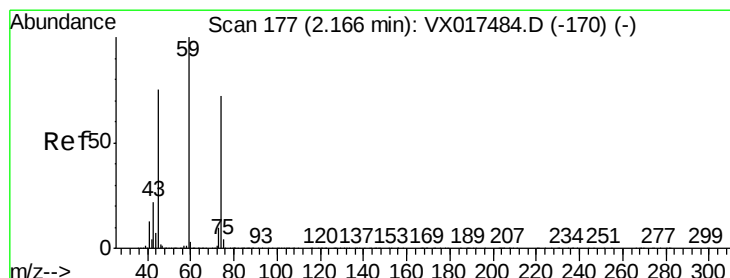
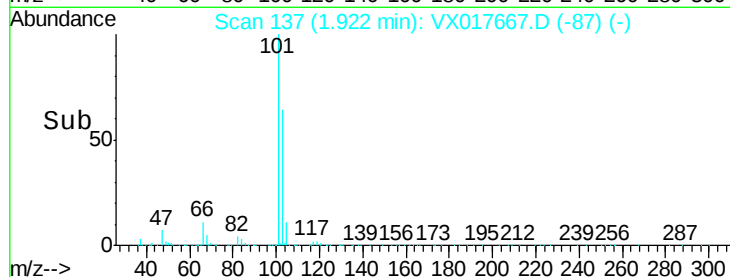
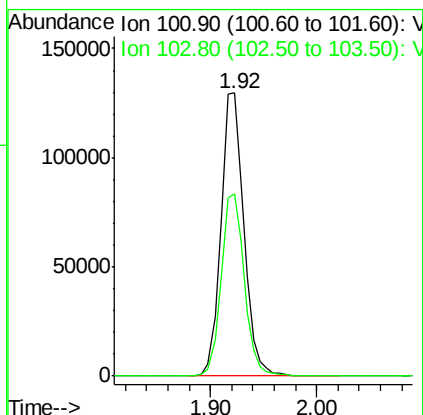
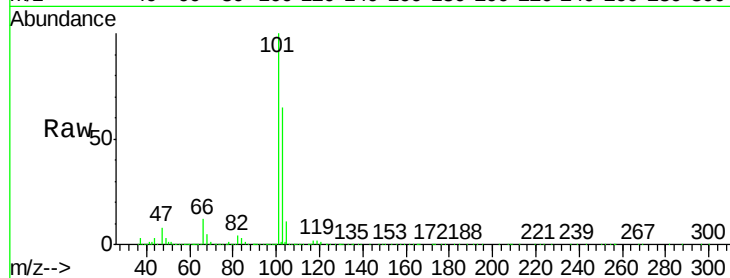


#7

Trichlorofluoromethane
Concen: 17.684 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Instrument :
MSVOA_X
ClientSampled :

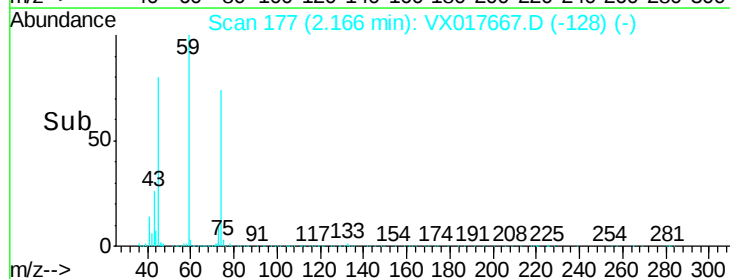
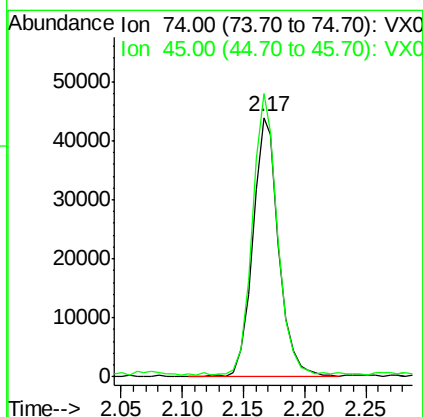
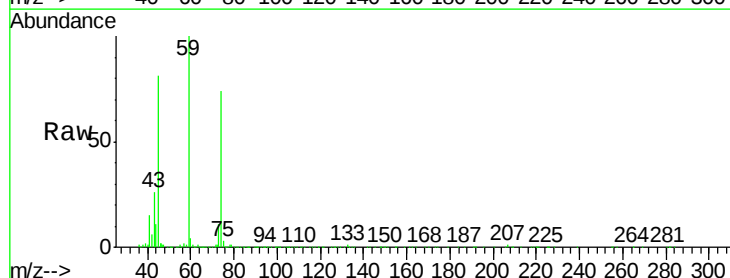
Tot Ion:101 Resp: 195533
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

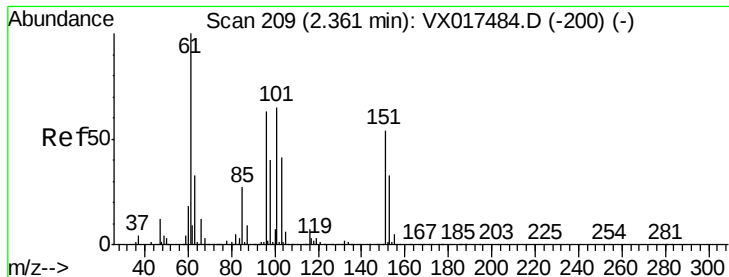


#8

Diethyl Ether
Concen: 17.131 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion: 74 Resp: 64623
Ion Ratio Lower Upper
74 100
45 106.6 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.036 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

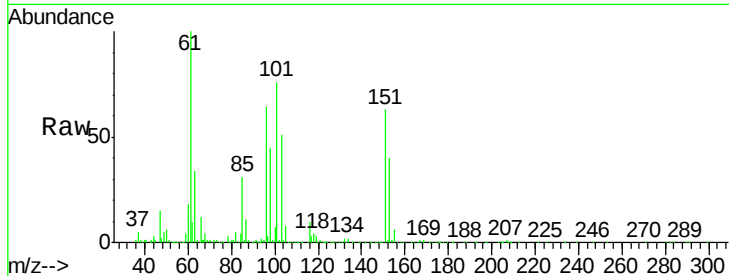
Tot Ion:101 Resp: 103375

Ion Ratio Lower Upper

101 100

85 44.2 34.8 52.2

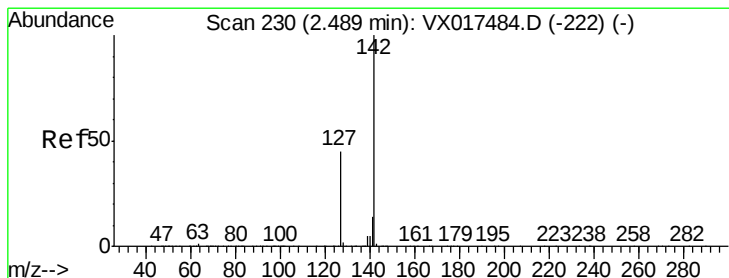
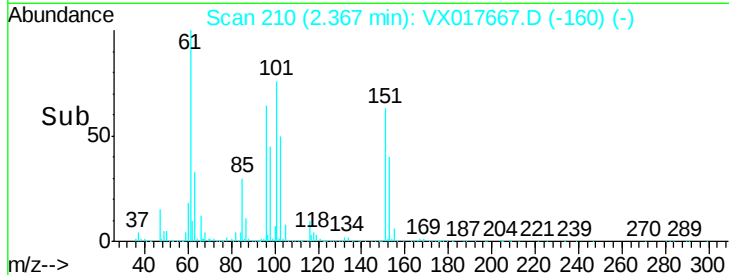
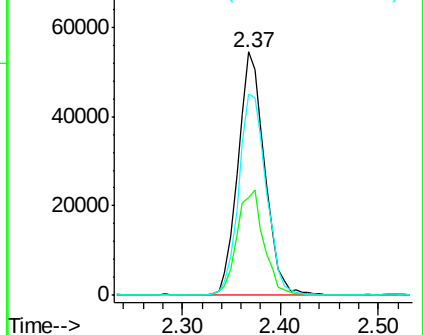
151 84.7 68.0 102.0



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: 15.731 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

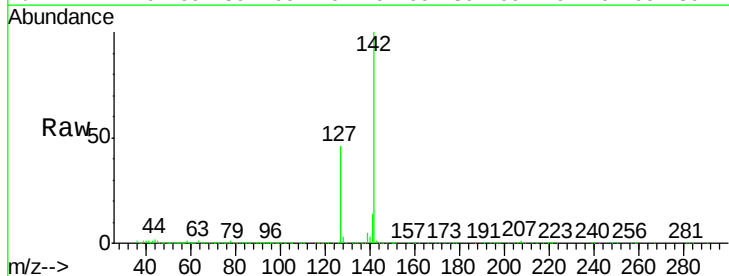
Tgt Ion:142 Resp: 122116

Ion Ratio Lower Upper

142 100

127 47.6 35.9 53.9

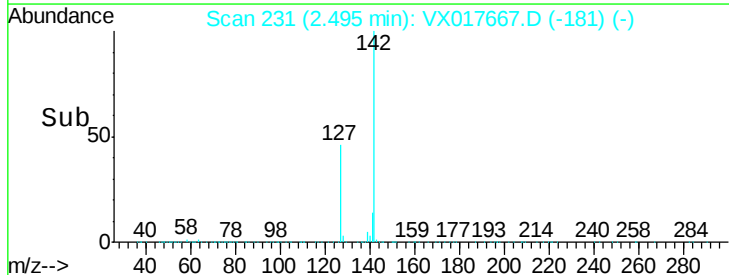
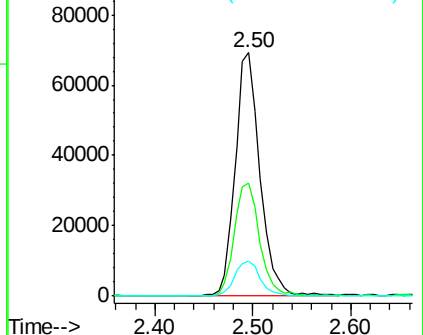
141 15.3 11.4 17.0

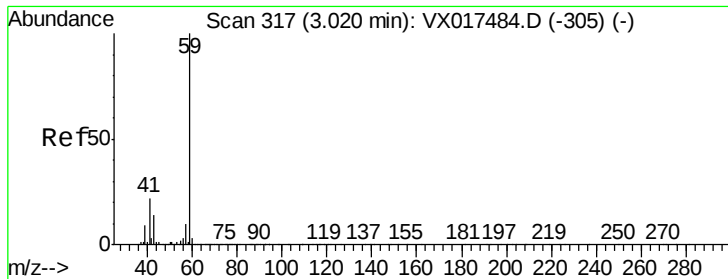


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



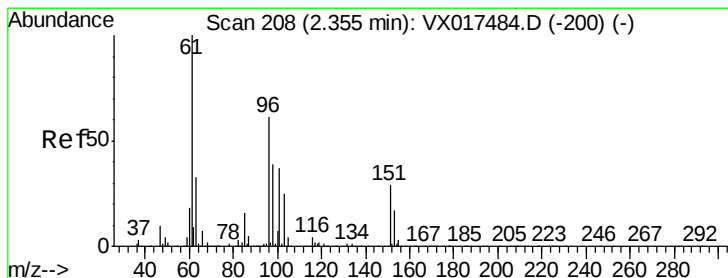
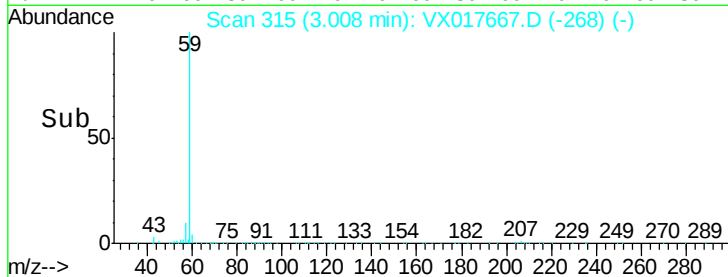
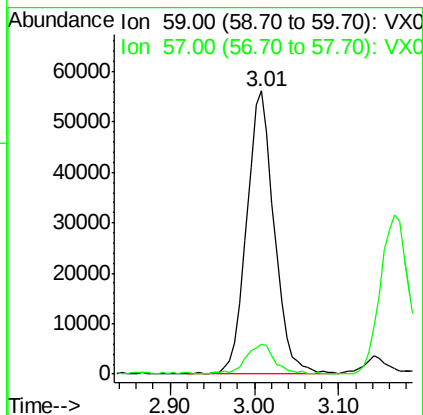
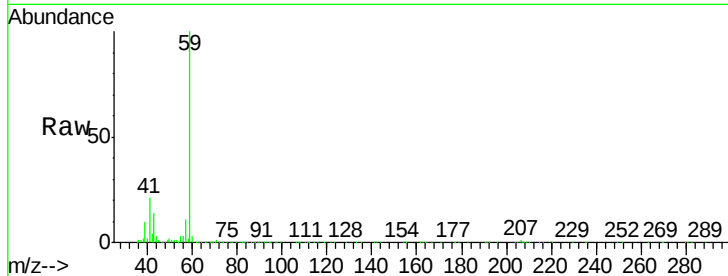


#11

Tert butyl alcohol
Concen: 82.700 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :

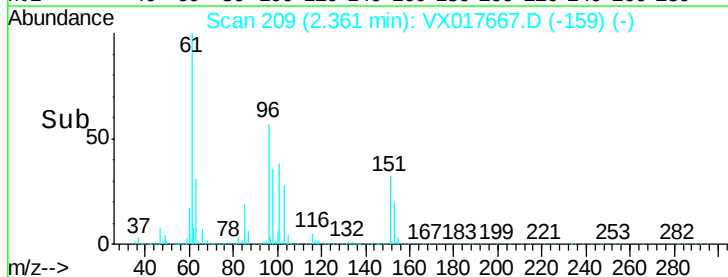
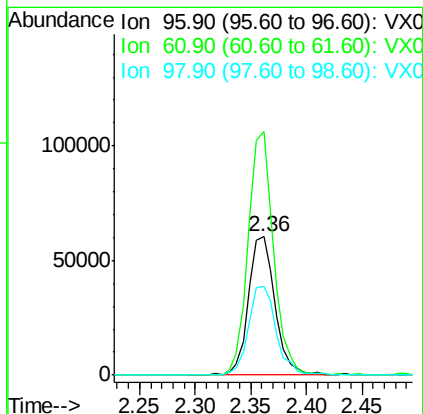
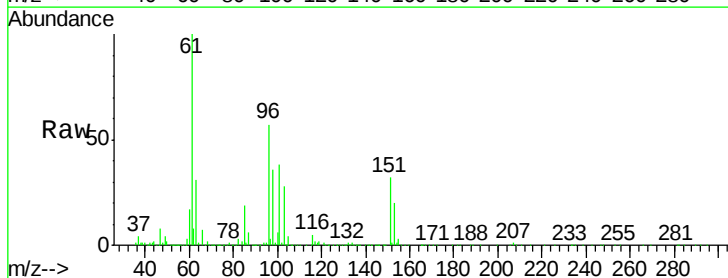
Tot Ion: 59 Resp: 125078
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

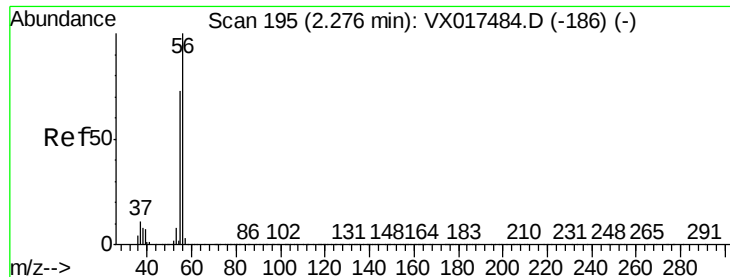


#12

1,1-Dichloroethene
Concen: 17.336 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion: 96 Resp: 100036
Ion Ratio Lower Upper
96 100
61 176.1 134.0 201.0
98 63.6 51.0 76.4





#13

Acrolein

Concen: 69.298 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

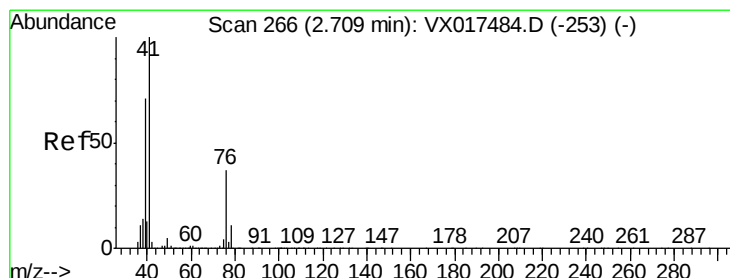
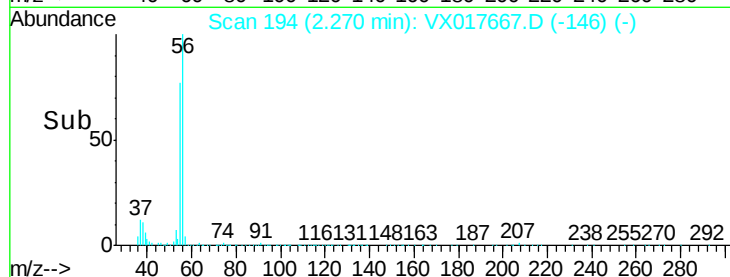
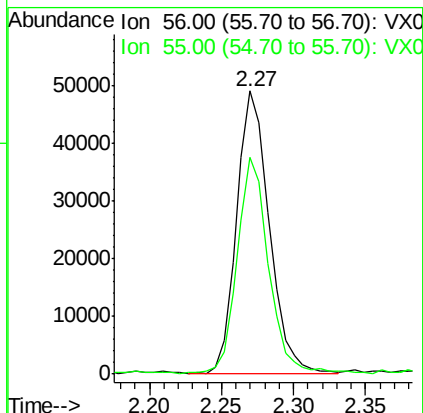
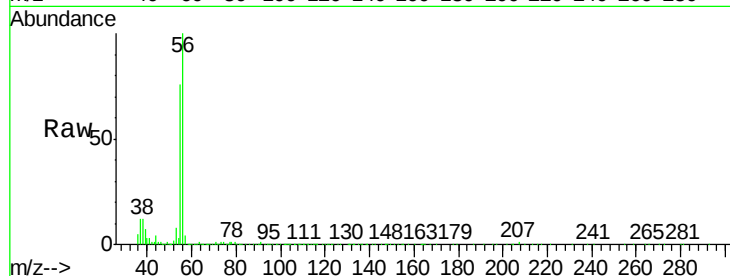
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 76499

Ion Ratio Lower Upper

56 100

55 73.5 57.4 86.2



#14

Allyl chloride

Concen: 17.795 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

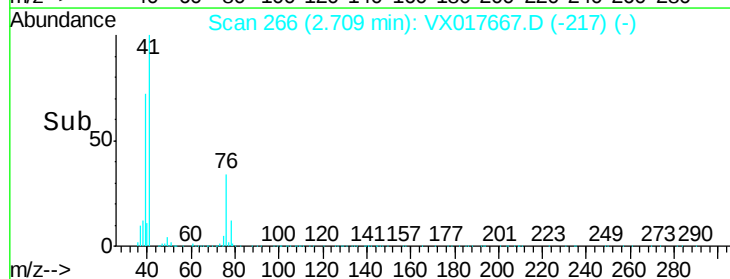
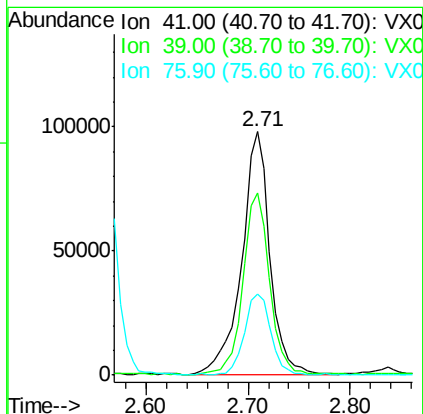
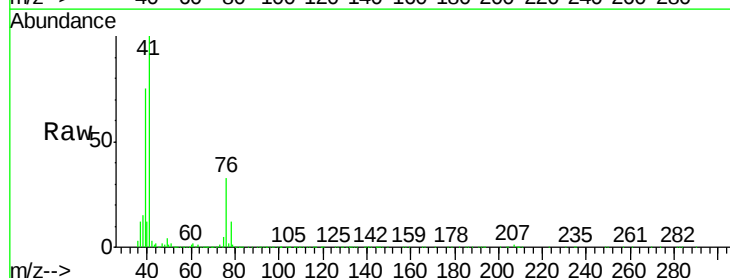
Tgt Ion: 41 Resp: 187491

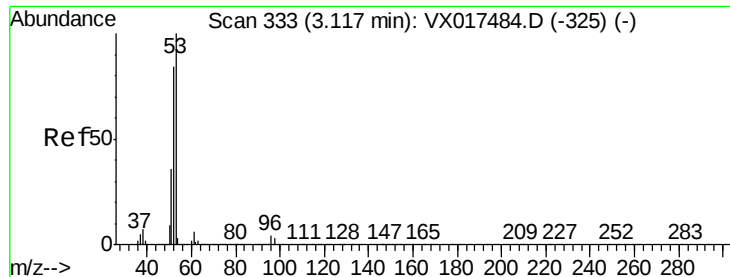
Ion Ratio Lower Upper

41 100

39 69.8 51.9 77.9

76 30.9 25.5 38.3





#15

Acrylonitrile

Concen: 84.532 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

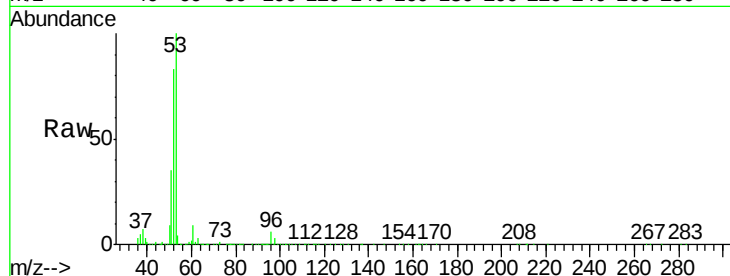
Tot Ion: 53 Resp: 276139

Ion Ratio Lower Upper

53 100

52 85.3 66.6 99.8

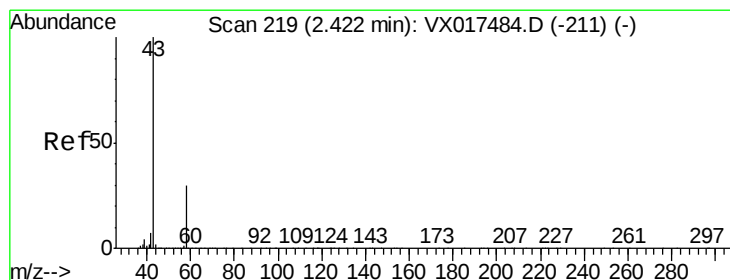
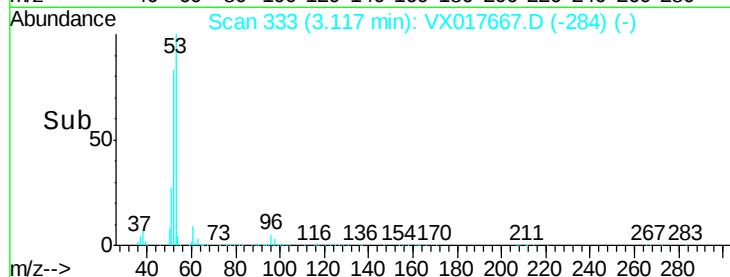
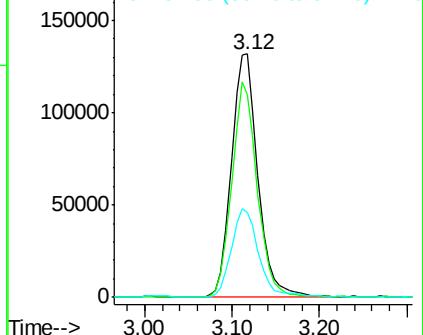
51 37.9 29.4 44.2



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: 79.511 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017667.D

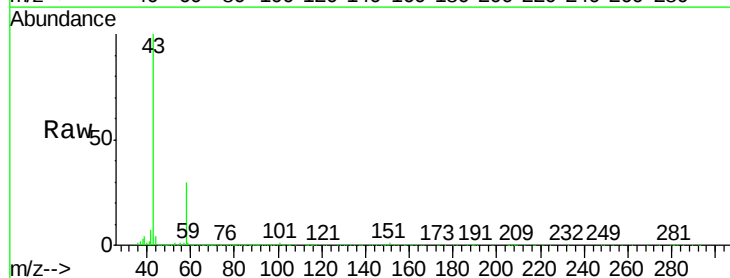
Acq: 29 Jul 2020 11:40

Tgt Ion: 43 Resp: 251132

Ion Ratio Lower Upper

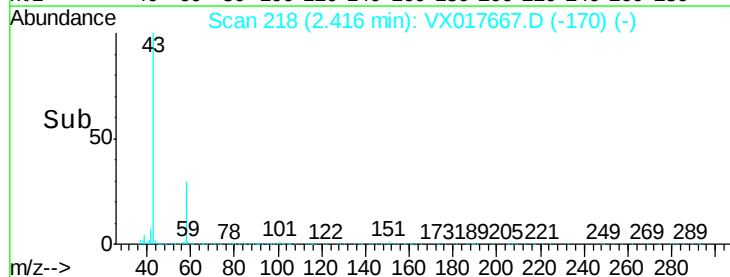
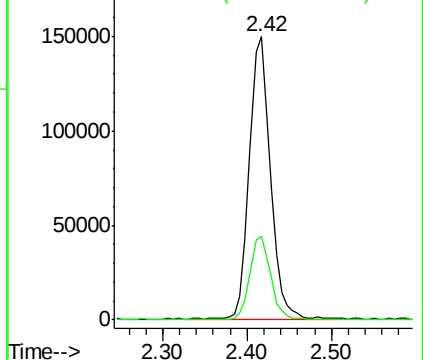
43 100

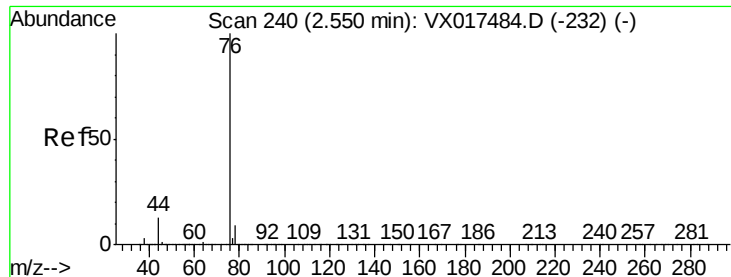
58 29.6 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.267 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

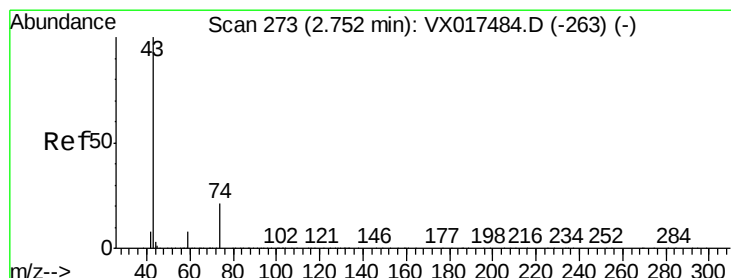
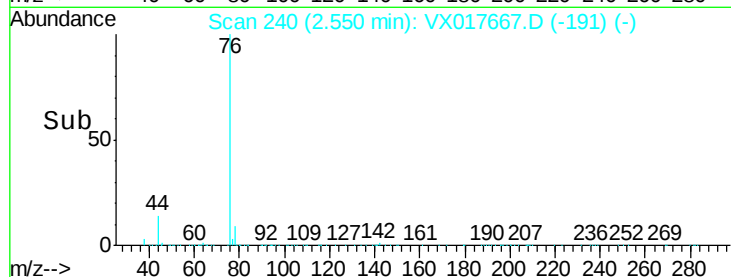
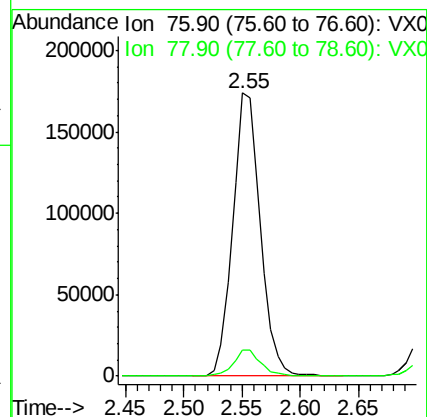
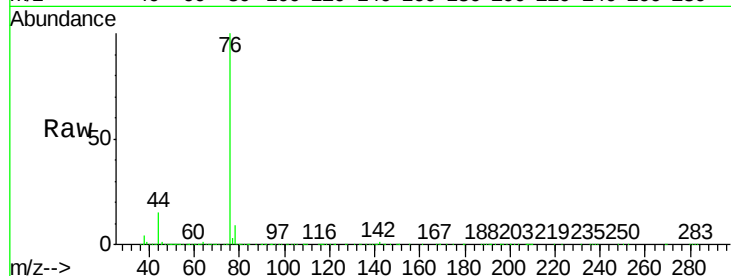
ClientSampleId :

Tot Ion: 76 Resp: 285302

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



#18

Methyl Acetate

Concen: 17.641 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017667.D

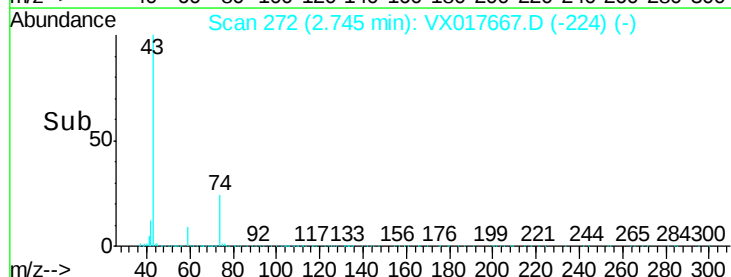
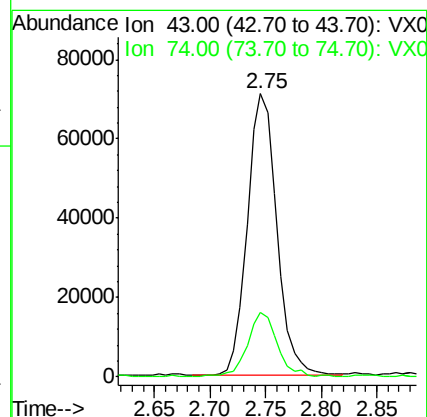
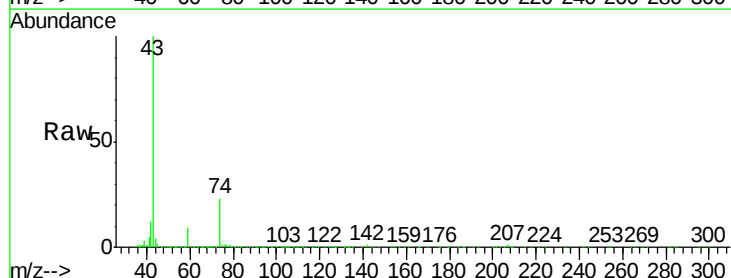
Acq: 29 Jul 2020 11:40

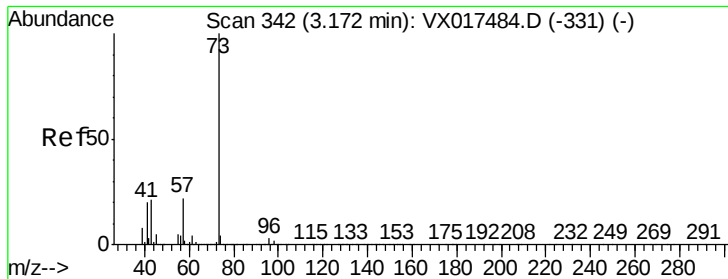
Tgt Ion: 43 Resp: 131222

Ion Ratio Lower Upper

43 100

74 23.4 17.5 26.3



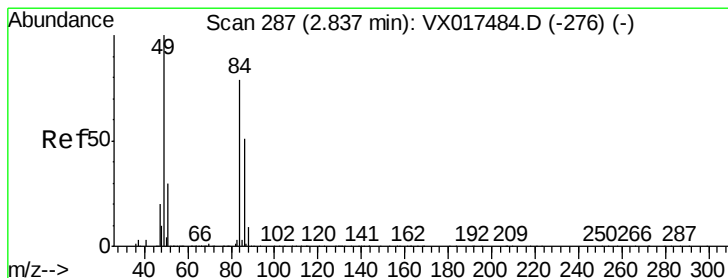
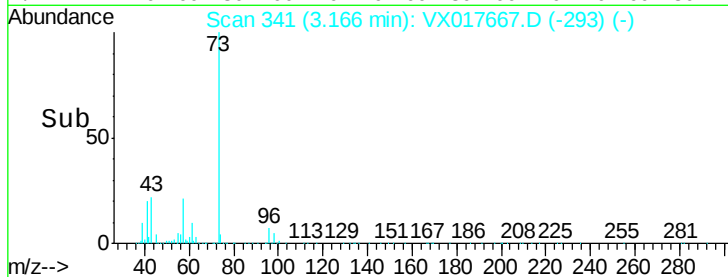
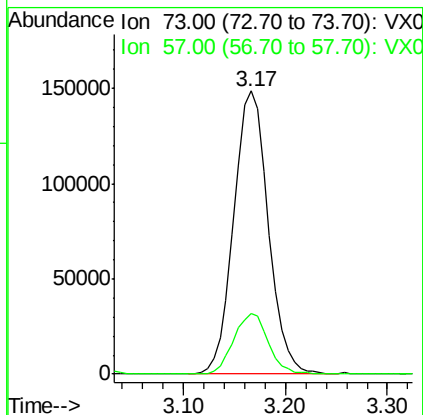
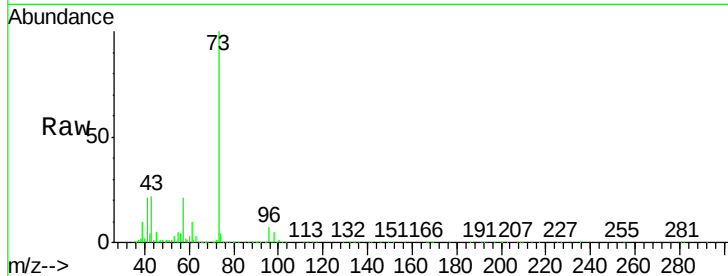


#19

Methyl tert-butyl Ether
 Concen: 17.448 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

Instrument :
 MSVOA_X
 ClientSampleId :

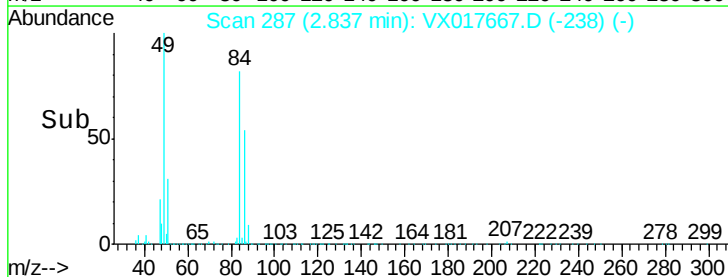
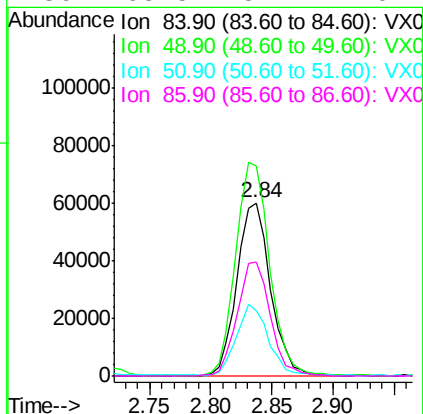
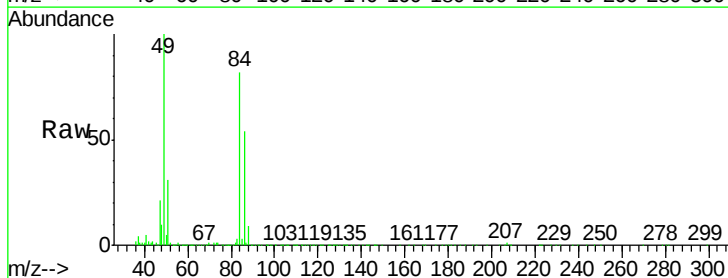
Tot Ion: 73 Resp: 348481
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.0 25.4

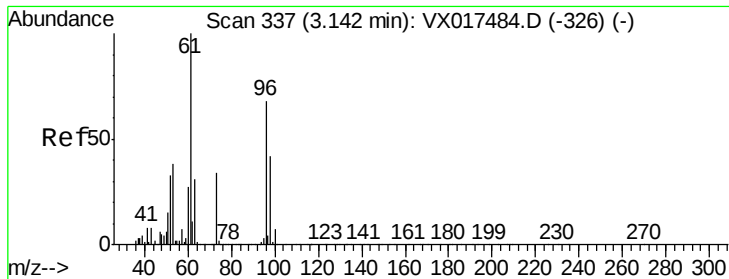


#20

Methylene Chloride
 Concen: 18.453 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

Tgt Ion: 84 Resp: 114591
 Ion Ratio Lower Upper
 84 100
 49 121.1 100.3 150.5
 51 37.3 30.5 45.7
 86 65.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.107 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :
MSVOA_X
ClientSampled :

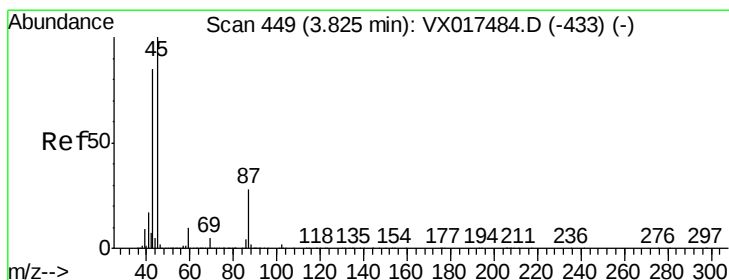
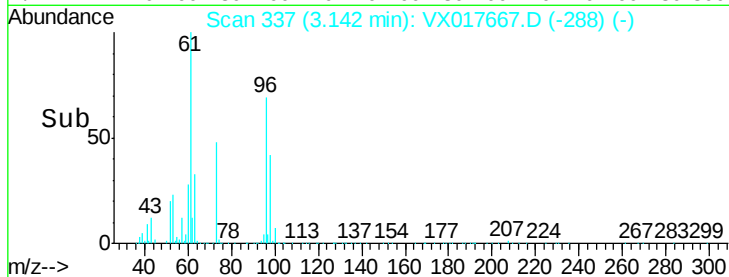
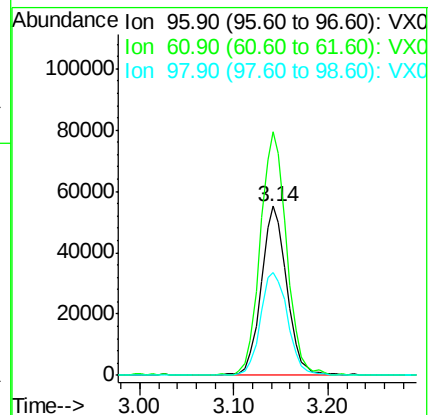
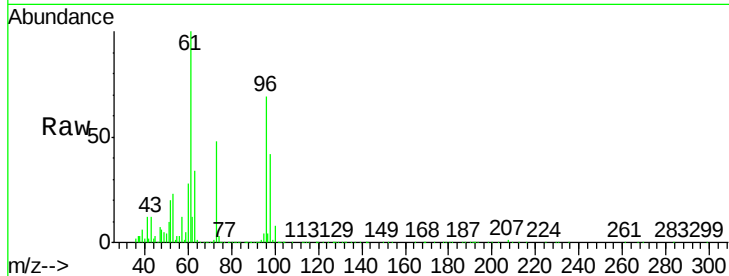
Tot Ion: 96 Resp: 105750

Ion Ratio Lower Upper

96 100

61 143.6 113.0 169.4

98 60.8 51.8 77.8



#22

Diisopropyl ether

Concen: 18.213 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Tgt Ion: 45 Resp: 350887

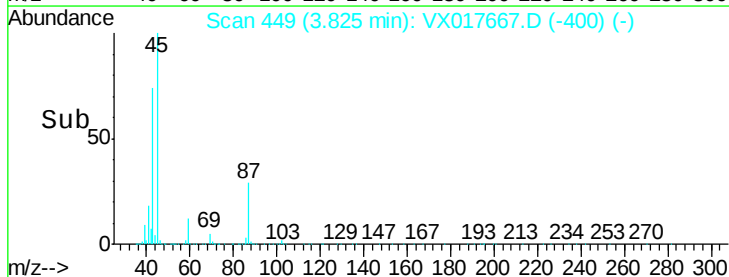
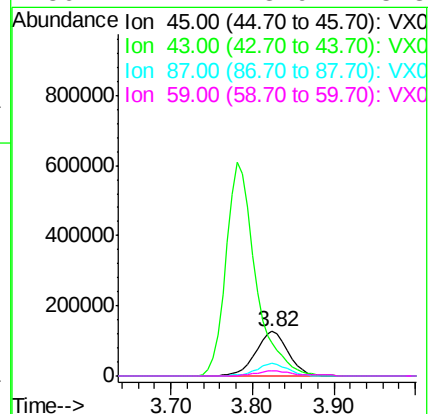
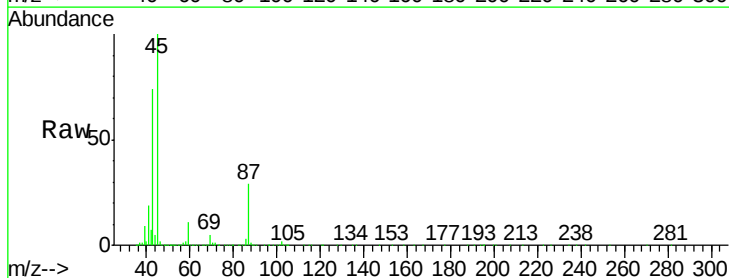
Ion Ratio Lower Upper

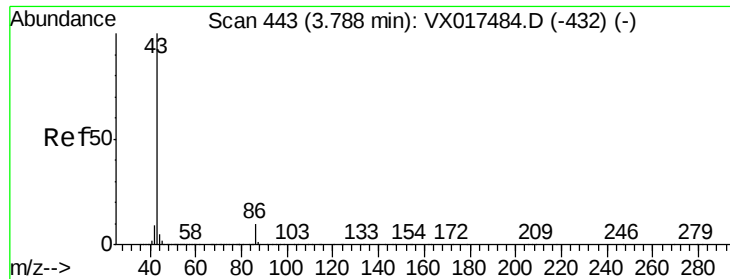
45 100

43 73.9 52.0 78.0

87 28.7 22.2 33.4

59 11.4 8.9 13.3

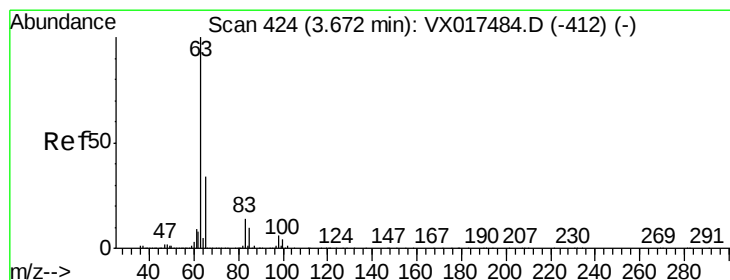
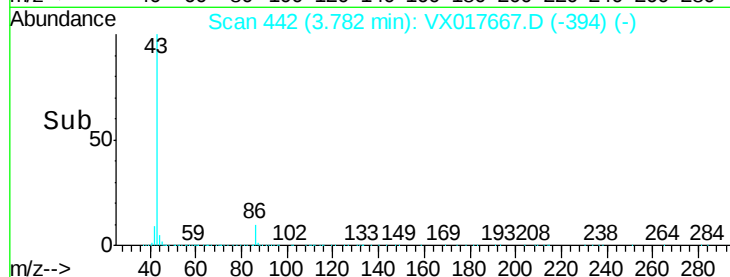
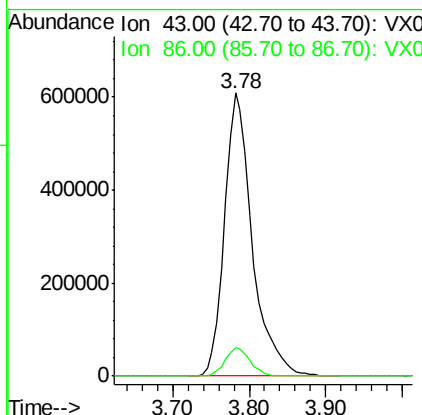
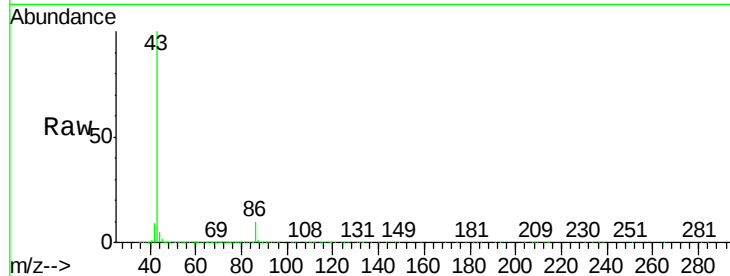




#23
 Vinyl Acetate
 Concen: 88.961 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

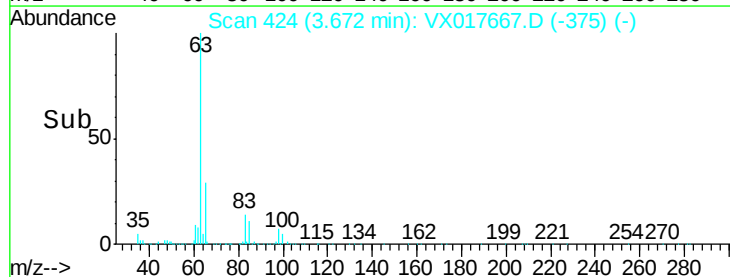
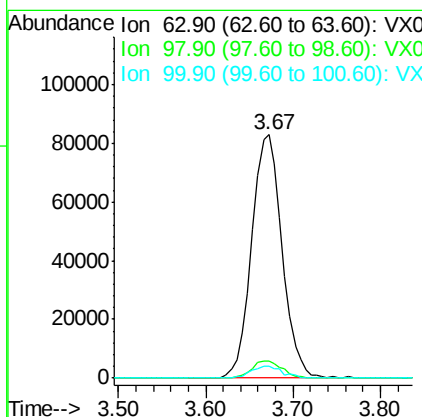
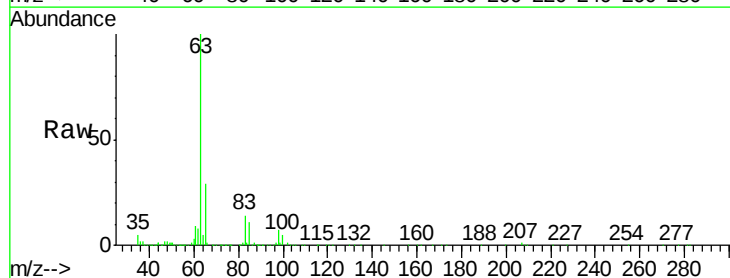
Instrument :
 MSVOA_X
 ClientSampleId :

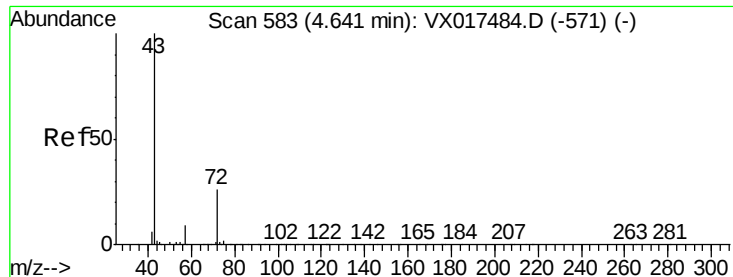
Tot Ion: 43 Resp: 1528119
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.987 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

Tgt Ion: 63 Resp: 199624
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.7 1.9 5.7





#25

2-Butanone

Concen: 85.792 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

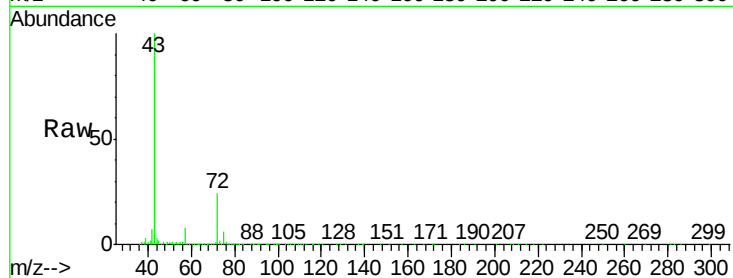
ClientSampleId :

Tot Ion: 43 Resp: 384943

Ion Ratio Lower Upper

43 100

72 23.4 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

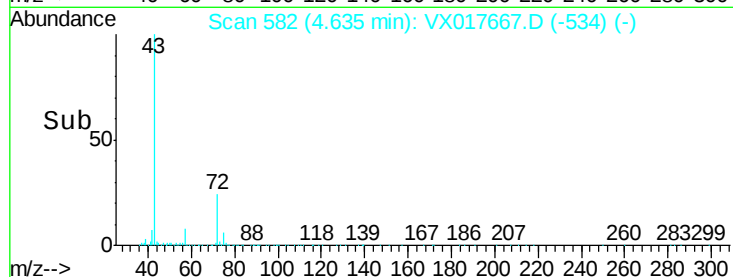
100000

50000

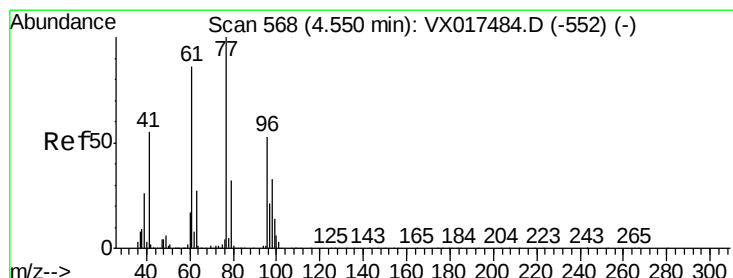
0

4.50 4.60 4.70

4.64



Time-->



#26

2,2-Dichloropropane

Concen: 18.713 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017667.D

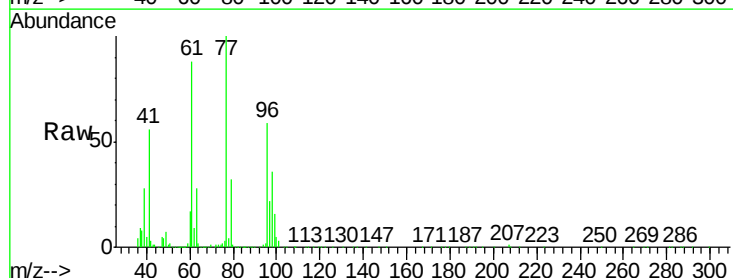
Acq: 29 Jul 2020 11:40

Tgt Ion: 77 Resp: 185895

Ion Ratio Lower Upper

77 100

97 23.0 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

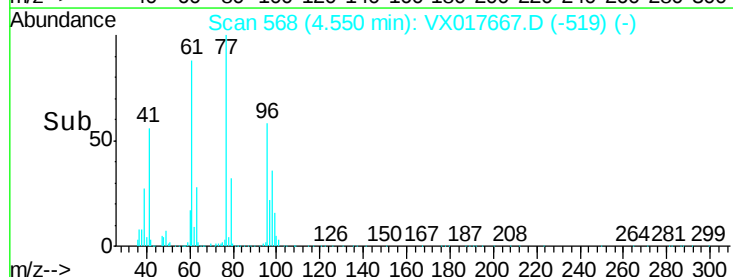
40000

20000

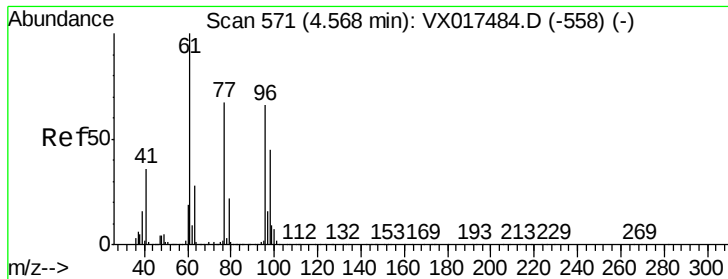
0

4.40 4.50 4.60

4.55



Time-->

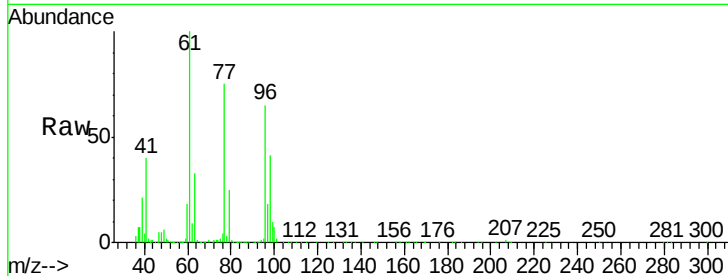


#27

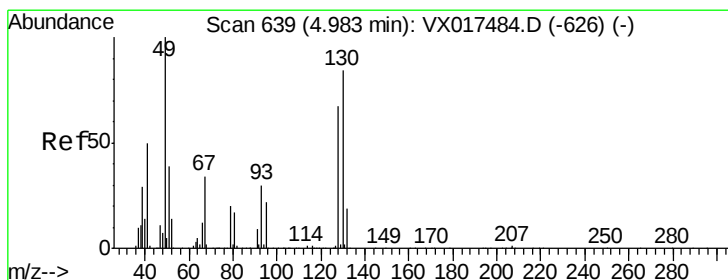
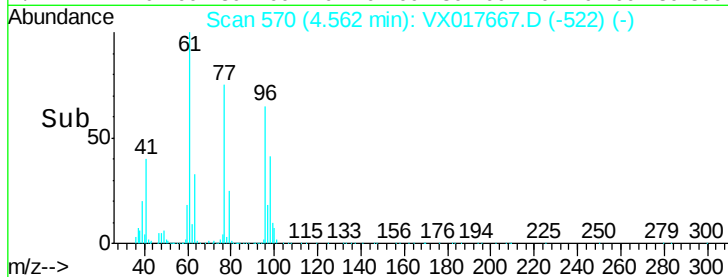
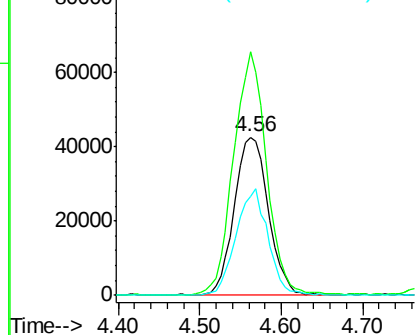
cis-1,2-Dichloroethene
Concen: 18.180 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	301.2
98	63.6	0.0	130.0



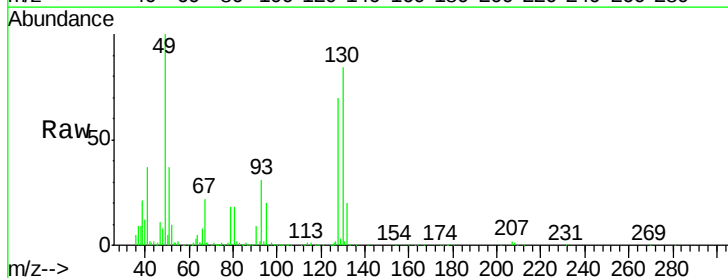
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



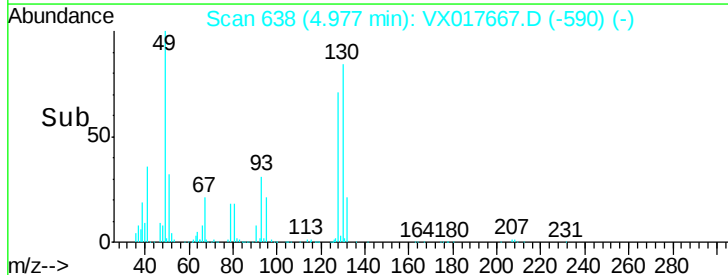
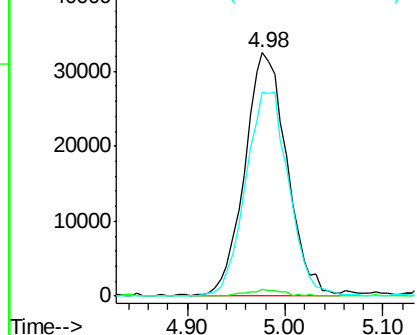
#28

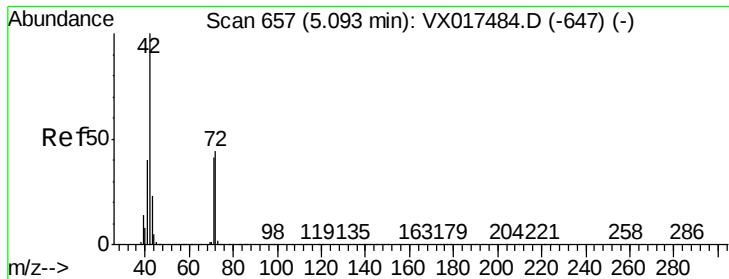
Bromochloromethane
Concen: 19.285 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	86.2	66.7	100.1



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





#29

Tetrahydrofuran

Concen: 85.323 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

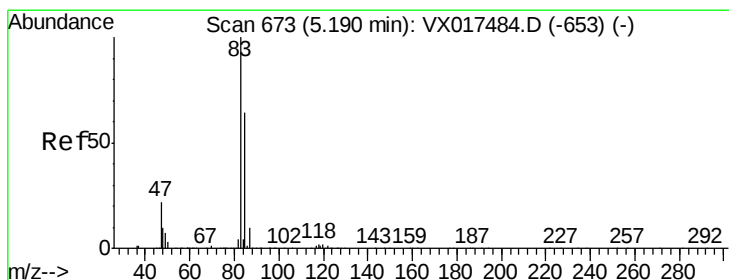
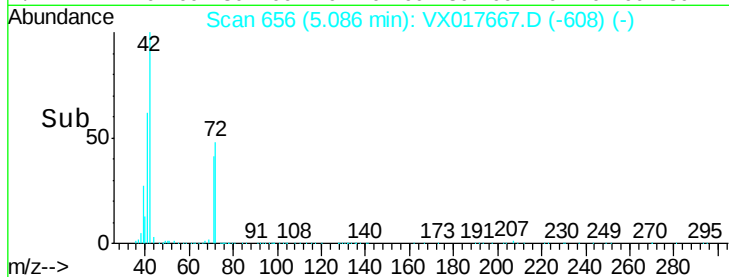
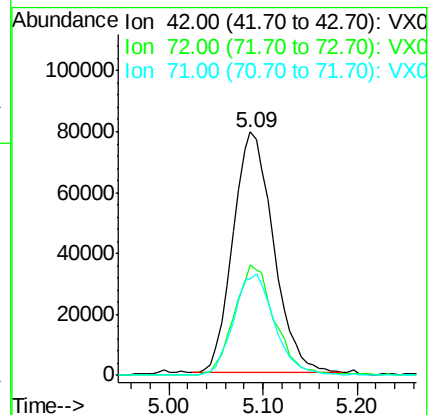
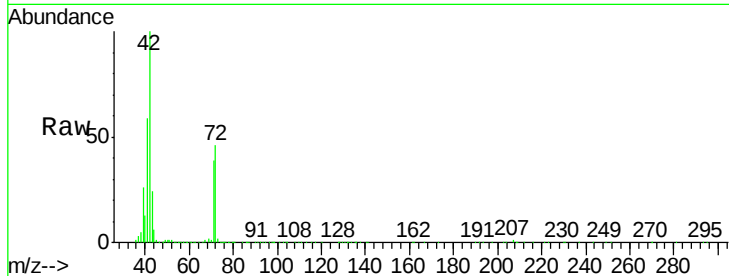
Tot Ion: 42 Resp: 237141

Ion Ratio Lower Upper

42 100

72 45.8 35.5 53.3

71 42.6 33.0 49.4



#30

Chloroform

Concen: 18.651 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017667.D

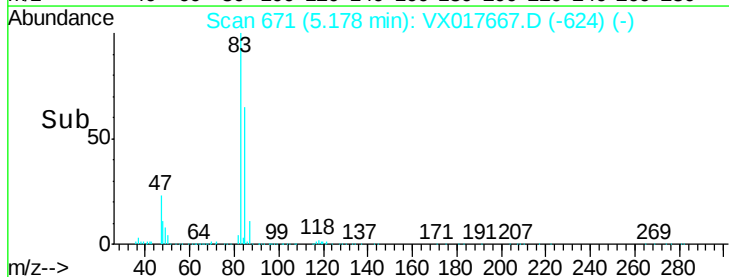
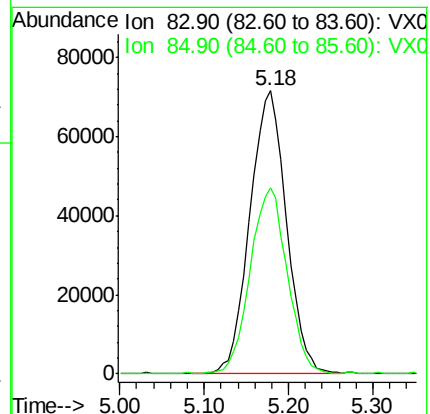
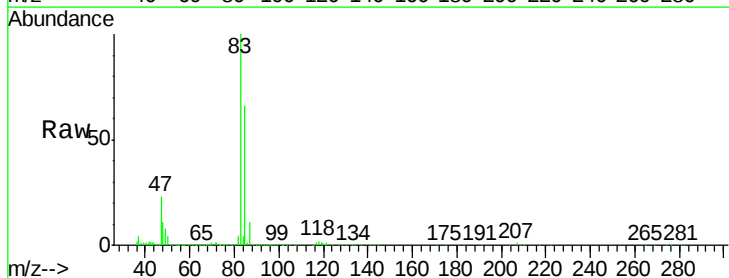
Acq: 29 Jul 2020 11:40

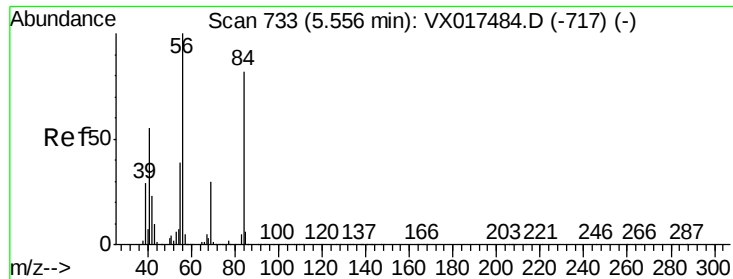
Tgt Ion: 83 Resp: 211497

Ion Ratio Lower Upper

83 100

85 65.8 51.4 77.2

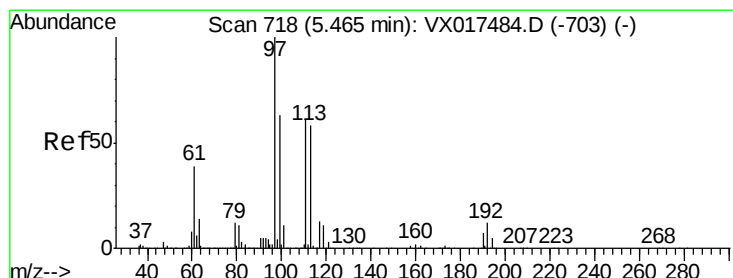
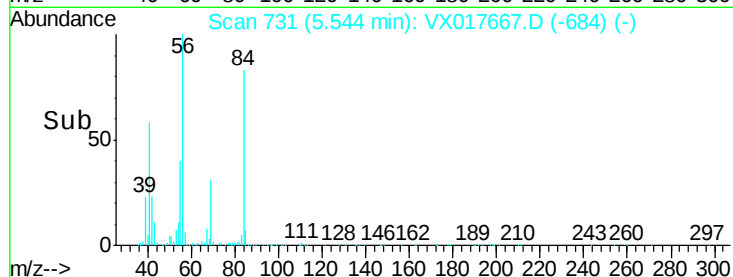
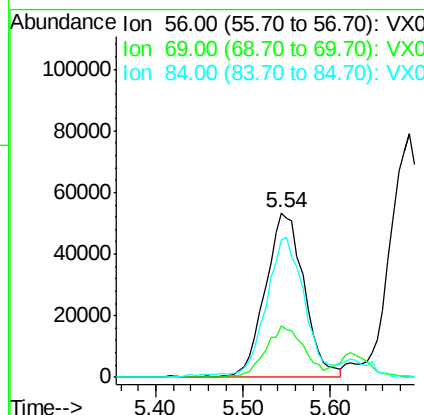
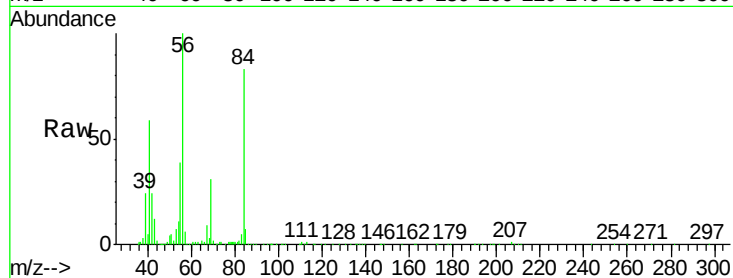




#31
Cyclohexane
Concen: 18.513 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

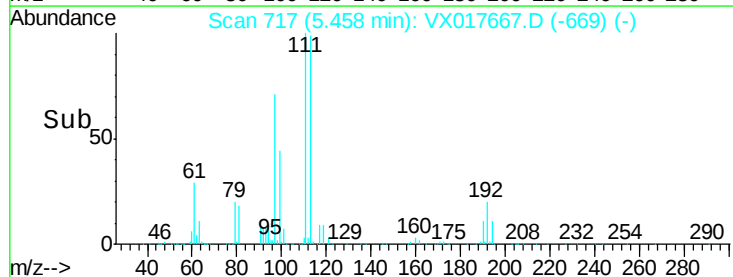
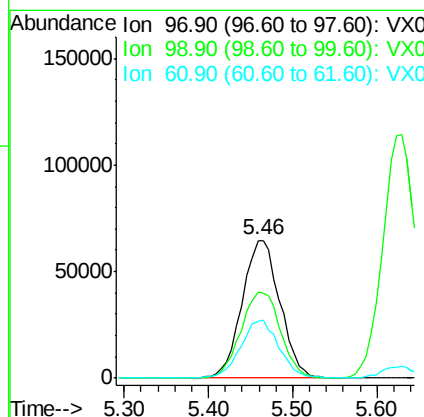
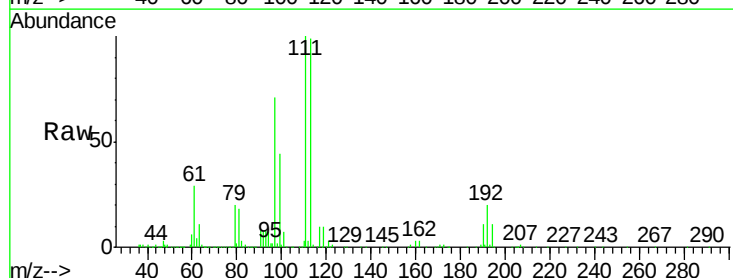
Instrument :
MSVOA_X
ClientSampled :

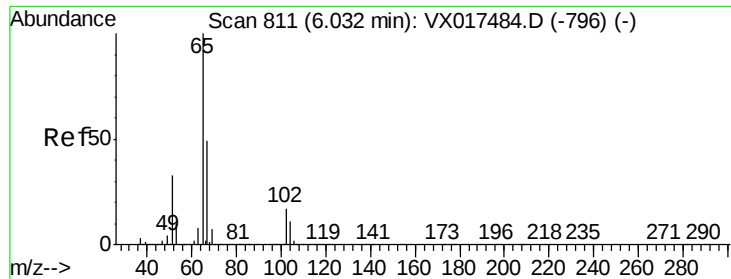
Tot Ion: 56 Resp: 163840
Ion Ratio Lower Upper
56 100
69 31.3 24.2 36.4
84 81.7 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.444 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion: 97 Resp: 197223
Ion Ratio Lower Upper
97 100
99 65.3 51.9 77.9
61 42.5 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 49.917 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

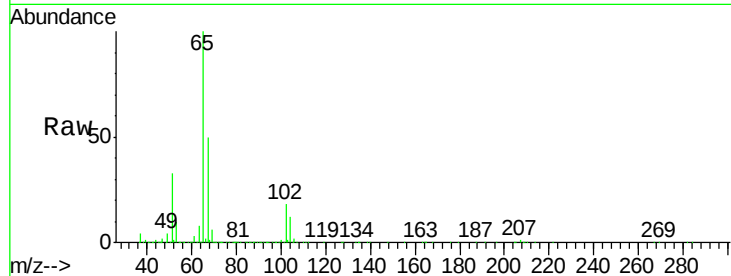
ClientSampleId :

Tot Ion: 65 Resp: 358210

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

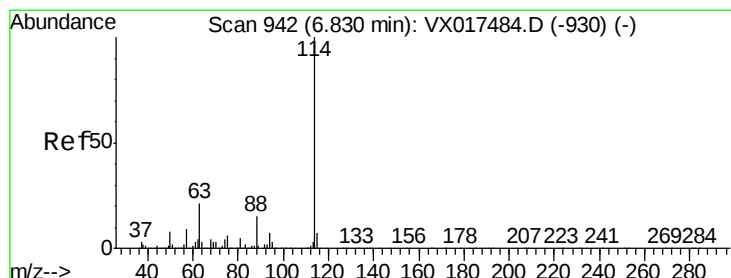
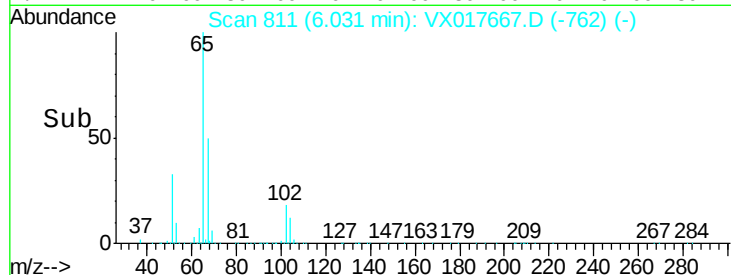
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

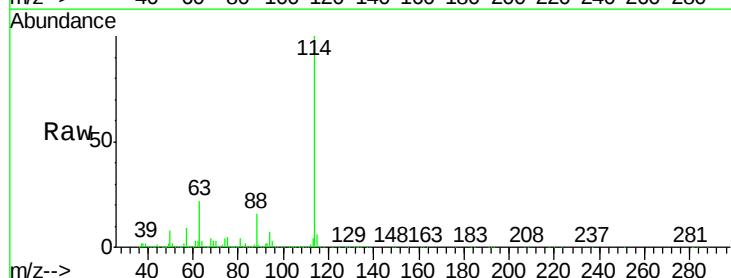
Tgt Ion: 114 Resp: 834062

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.6

88 15.7 0.0 33.4



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

400000

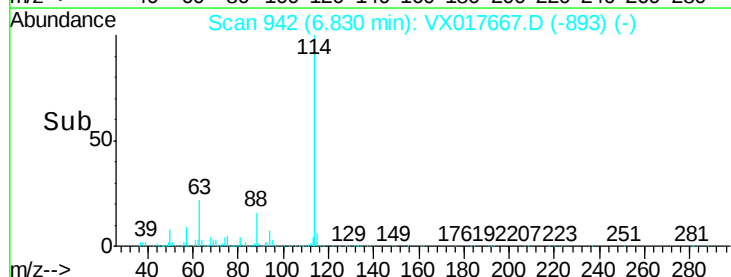
300000

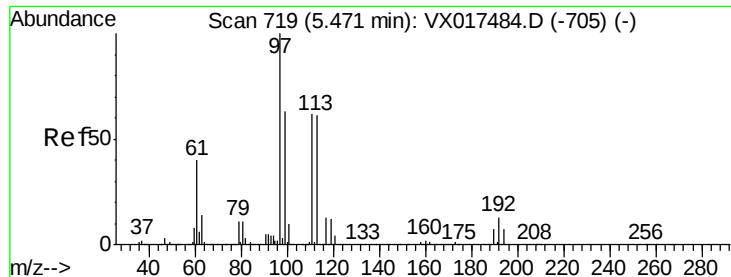
200000

100000

0

Time-->

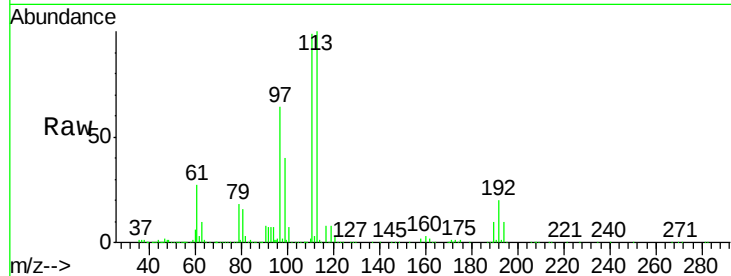




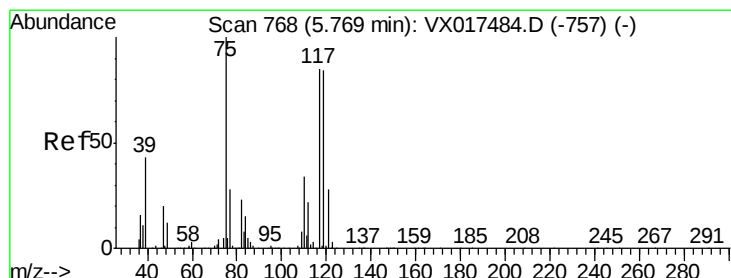
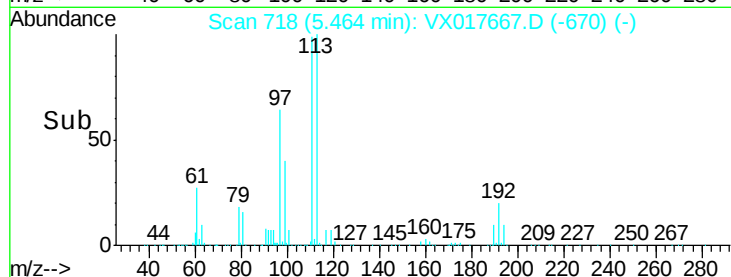
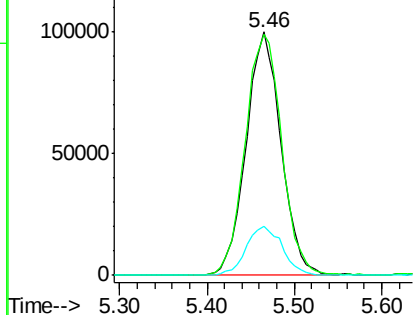
#35
 Dibromofluoromethane
 Concen: 49.756 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:113 Resp: 277554
 Ion Ratio Lower Upper
 113 100
 111 103.9 80.7 121.1
 192 20.9 16.9 25.3

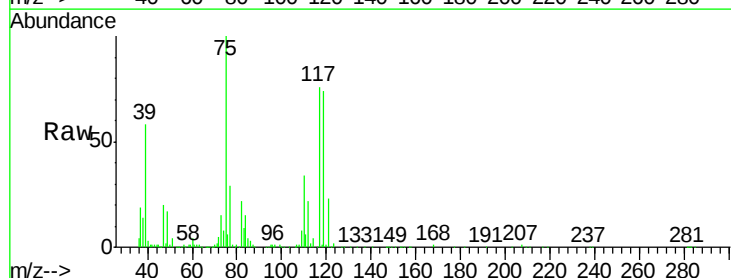


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

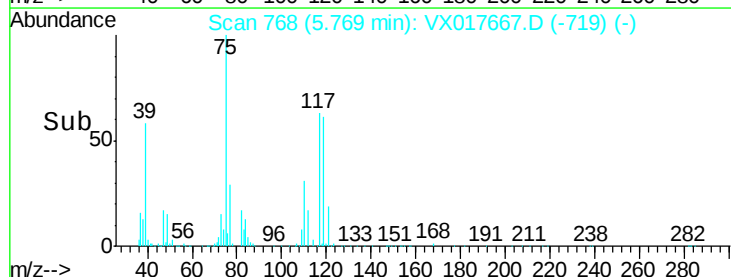
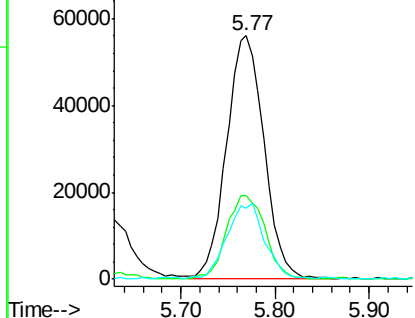


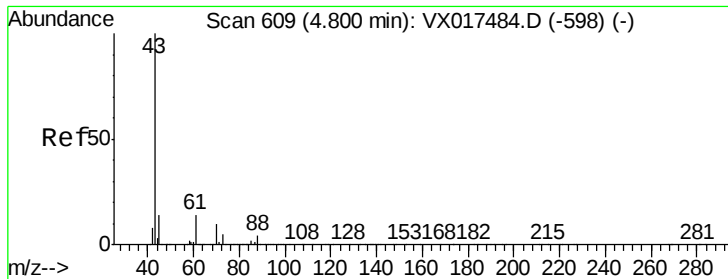
#36
 1,1-Dichloropropene
 Concen: 19.275 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

Tgt Ion: 75 Resp: 154186
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.1 54.3
 77 31.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

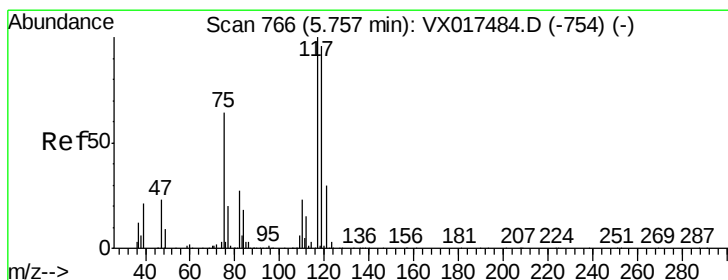
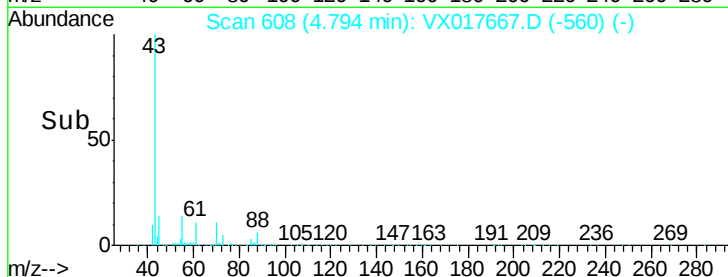
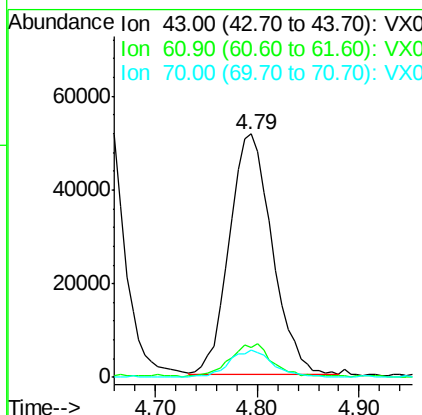
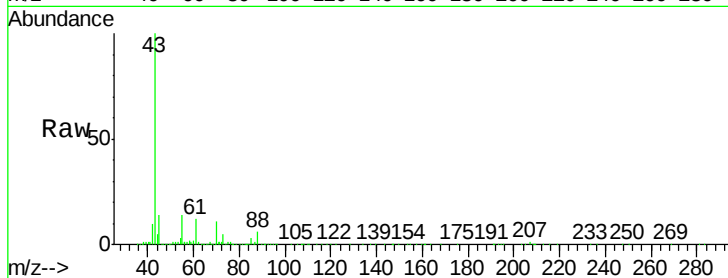




#37
Ethyl Acetate
Concen: 17.102 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

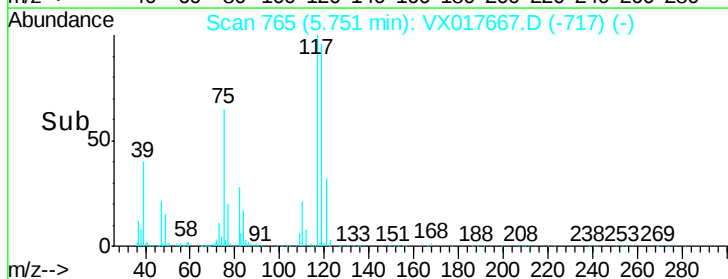
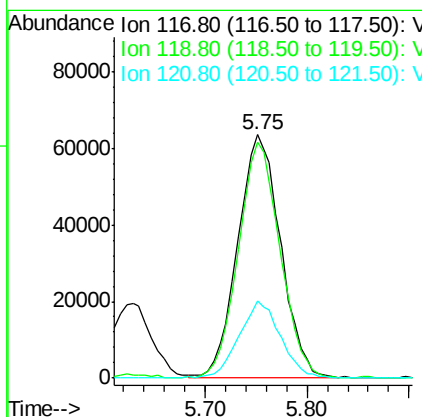
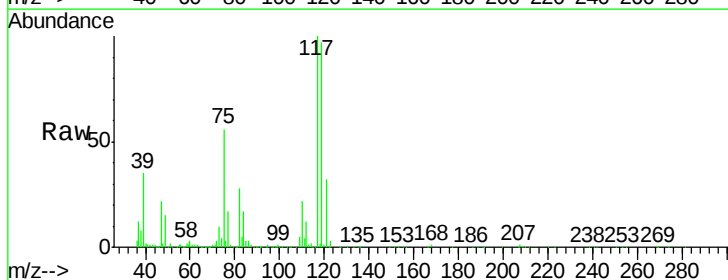
Instrument :
MSVOA_X
ClientSampleId :

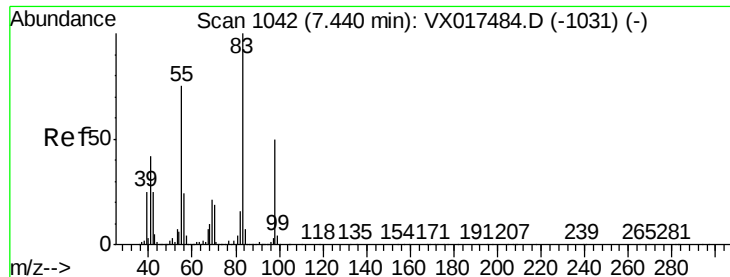
Tot Ion	43	Resp	149685
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.7	16.1
70	11.6	8.5	12.7



#38
Carbon Tetrachloride
Concen: 18.955 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion	117	Resp	184131
Ion Ratio	Lower	Upper	
117	100		
119	96.8	75.4	113.0
121	31.4	24.3	36.5

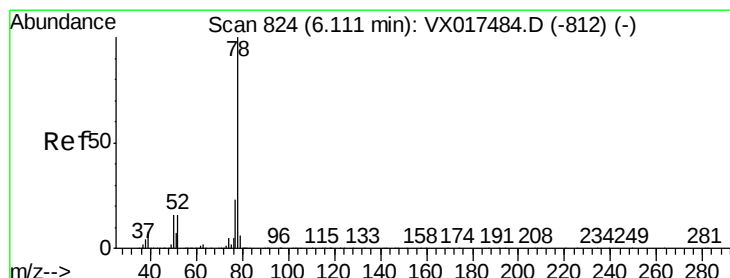
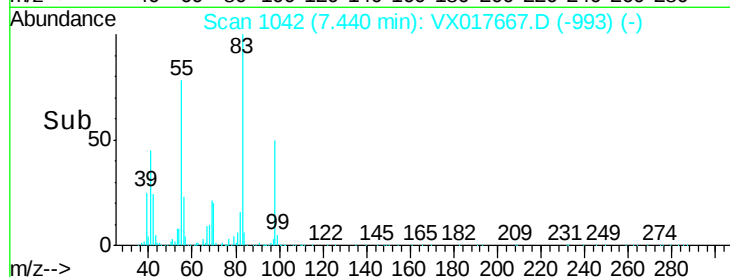
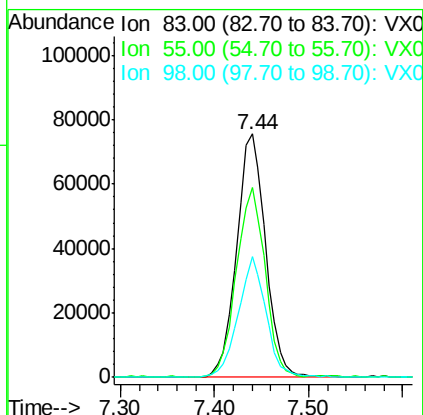
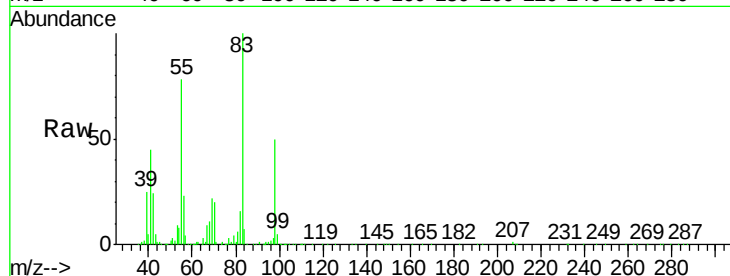




#39
Methvlcvclohexane
Concen: 17.283 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

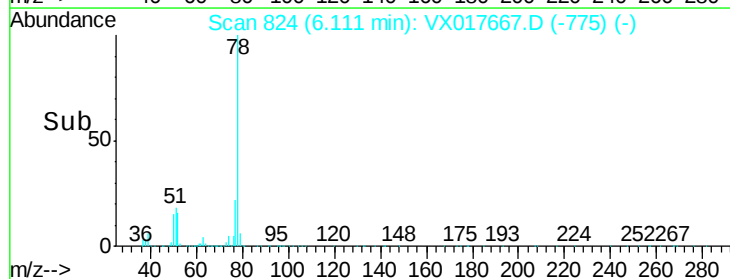
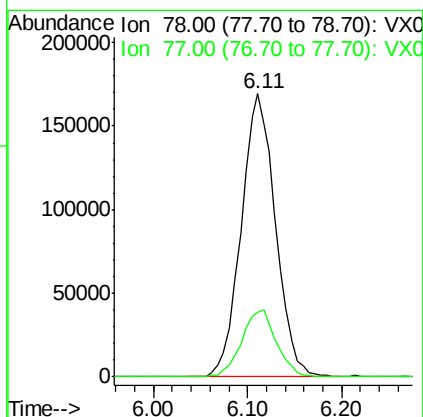
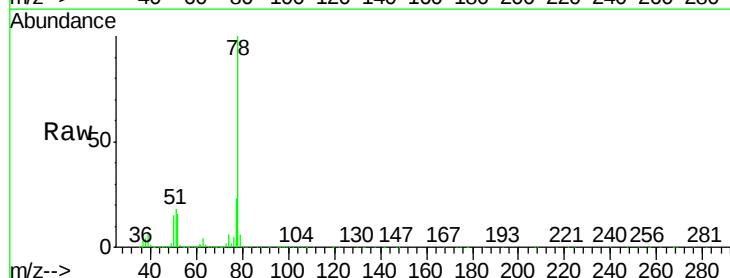
Instrument :
MSVOA_X
ClientSampleId :

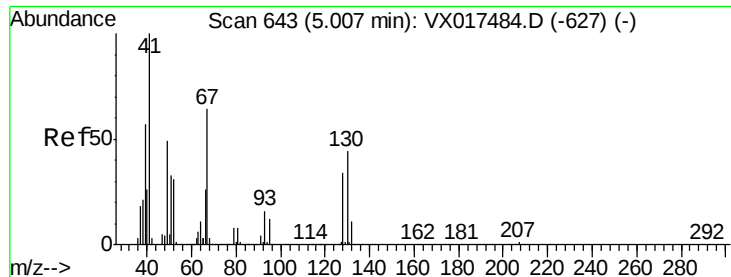
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.8	92.8
98	49.3	36.9	55.3



#40
Benzene
Concen: 18.782 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.4	29.2

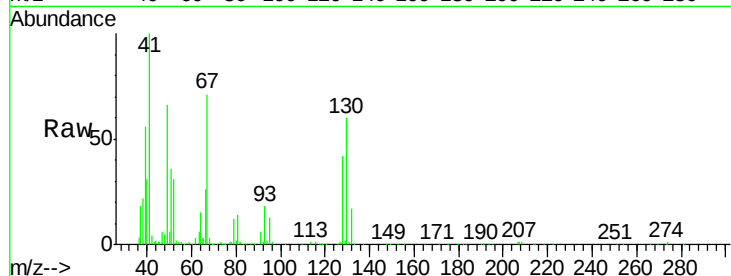




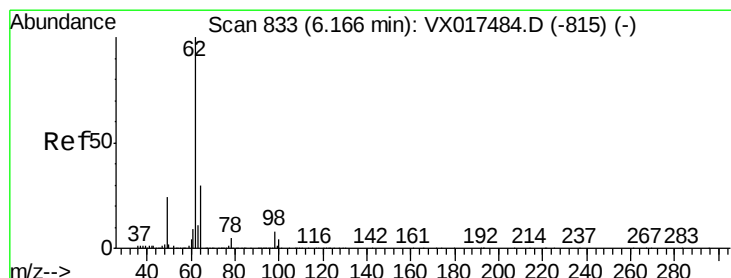
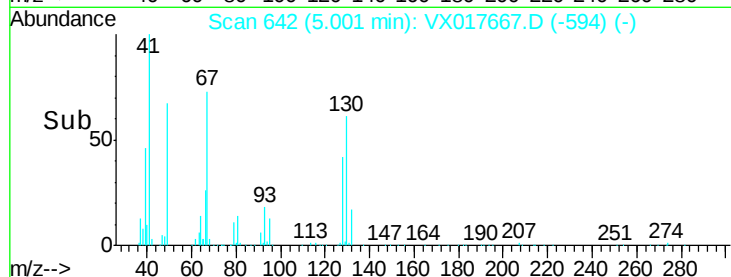
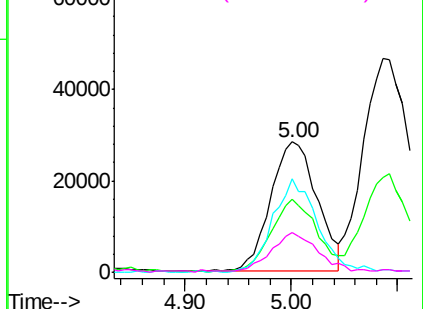
#41
Methacrylonitrile
Concen: 17.169 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	86133
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.9	65.9
67	69.7	54.0	81.0
52	30.0	23.0	34.6

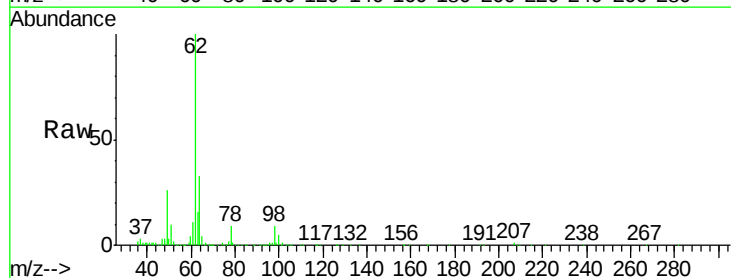


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

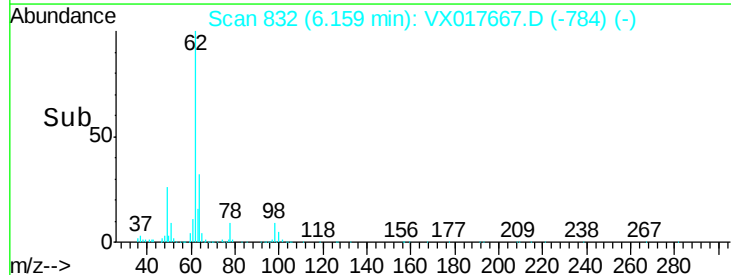
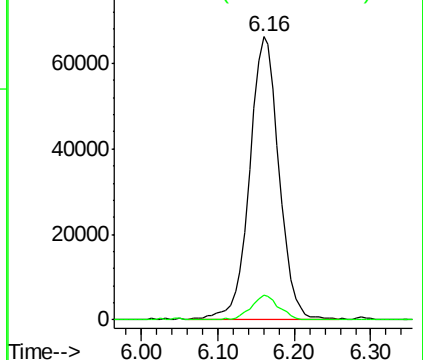


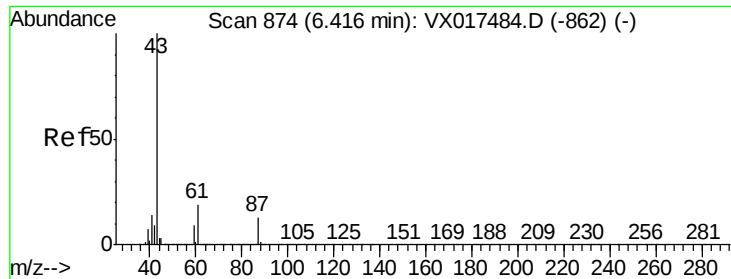
#42
1,2-Dichloroethane
Concen: 18.844 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion:	62	Resp:	176799
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0



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





#43

Isopropyl Acetate

Concen: 17.459 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

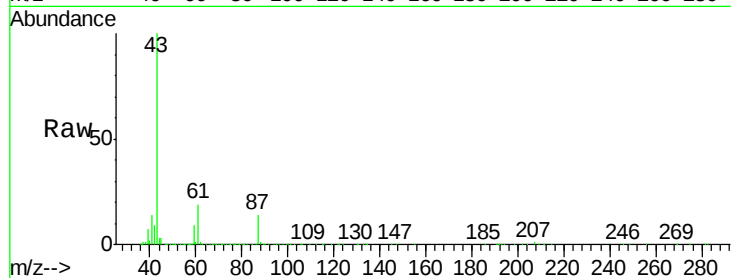
Tot Ion: 43 Resp: 252132

Ion Ratio Lower Upper

43 100

61 19.3 15.5 23.3

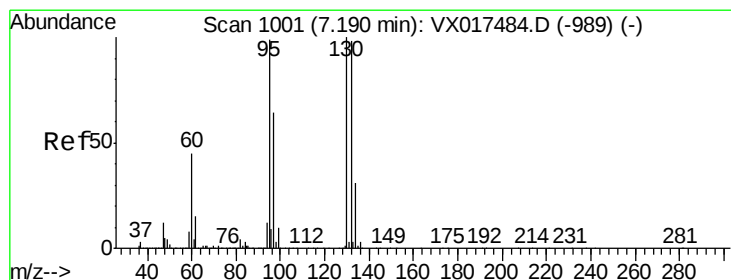
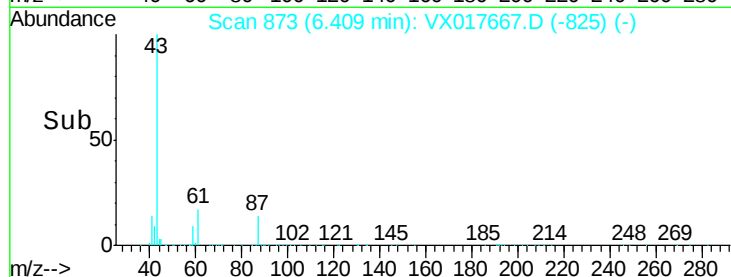
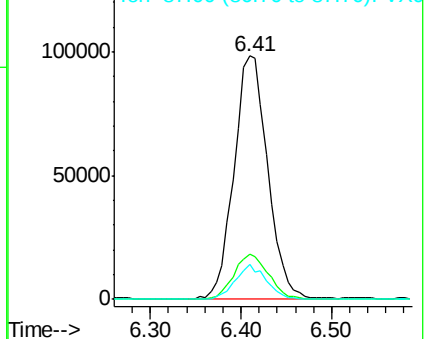
87 13.2 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.014 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017667.D

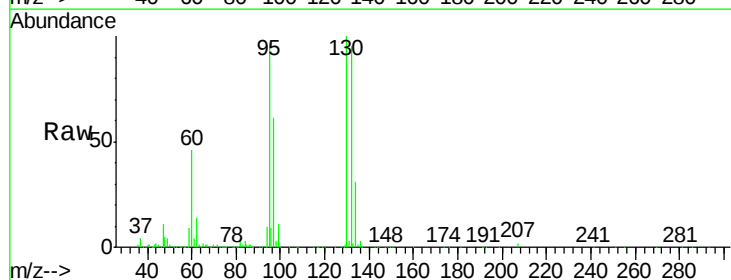
Acq: 29 Jul 2020 11:40

Tgt Ion:130 Resp: 127437

Ion Ratio Lower Upper

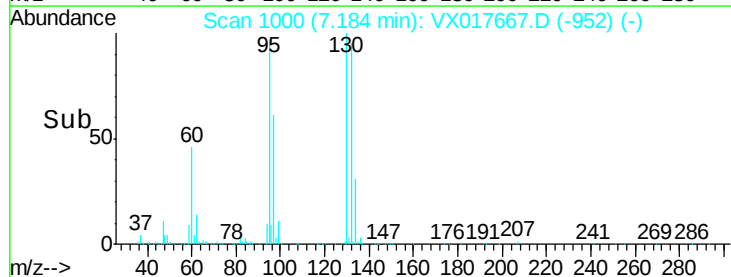
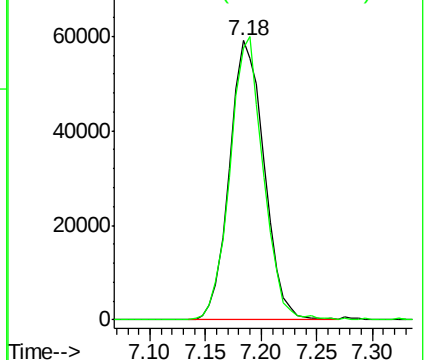
130 100

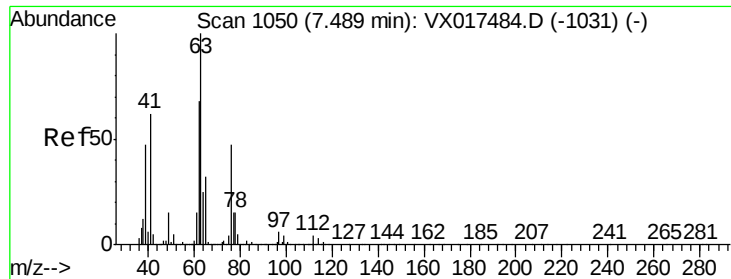
95 97.4 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

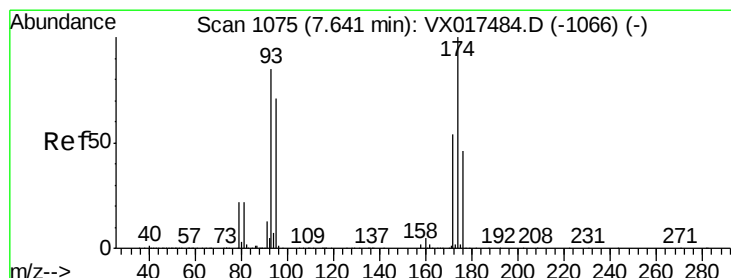
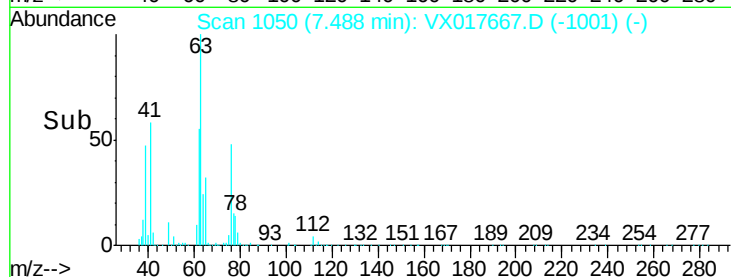
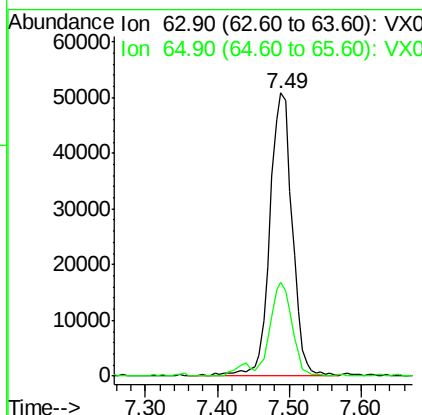
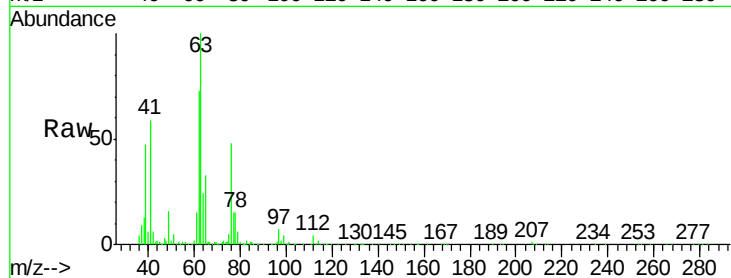




#45
 1,2-Dichloropropane
 Concen: 17.193 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

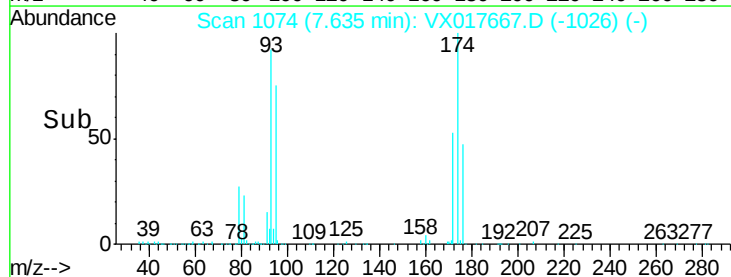
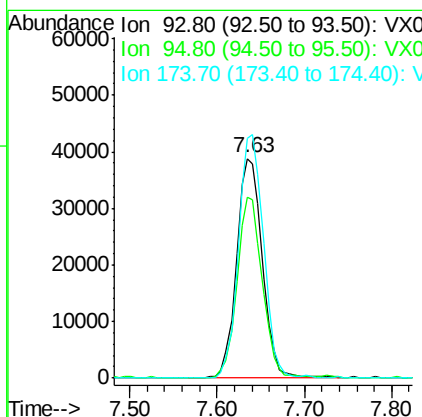
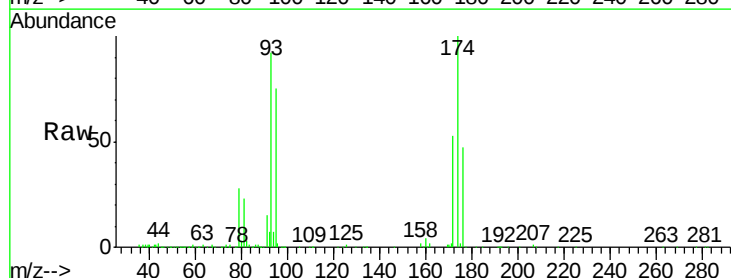
Instrument :
 MSVOA_X
 ClientSampleId :

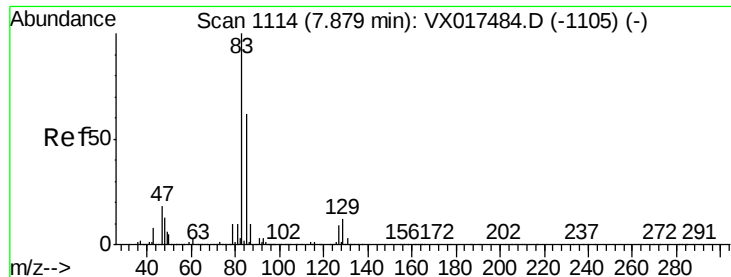
Tot Ion: 63 Resp: 109310
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.5 36.7



#46
 Dibromomethane
 Concen: 17.679 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

Tgt Ion: 93 Resp: 79434
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.6 99.8
 174 108.6 87.0 130.6





#47

Bromodichloromethane

Concen: 18.057 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

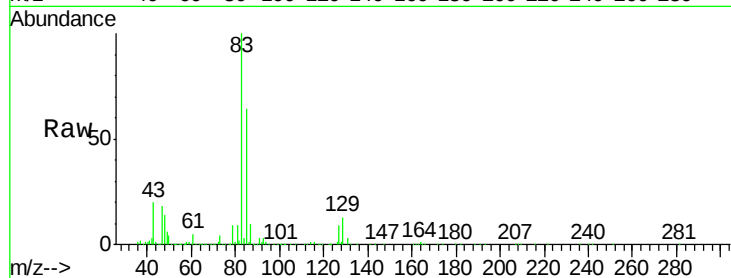
Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 163242

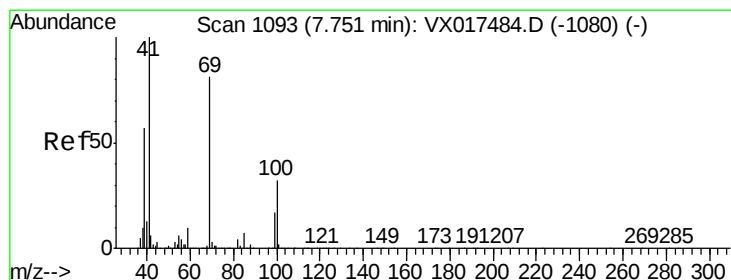
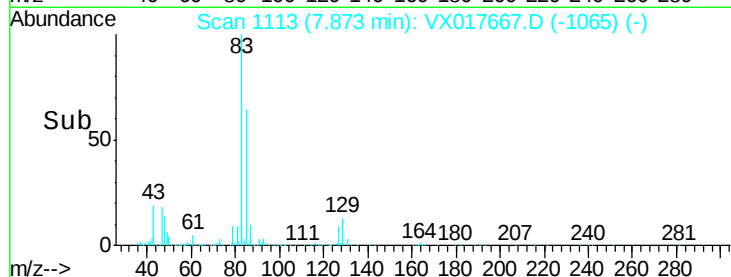
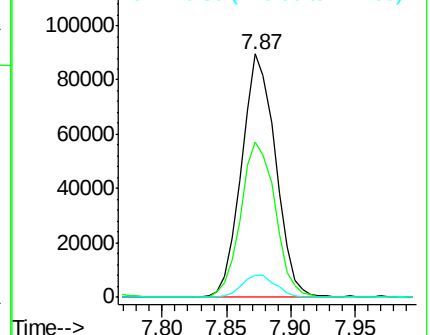
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.8	77.8
127	9.3	7.4	11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.546 ug/l

RT: 7.74 min Scan# 1092

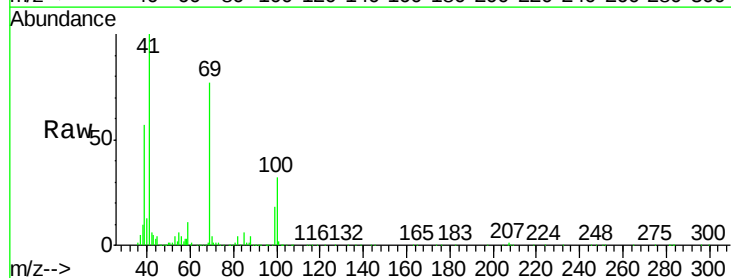
Delta R.T. -0.01 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Tgt Ion: 41 Resp: 118445

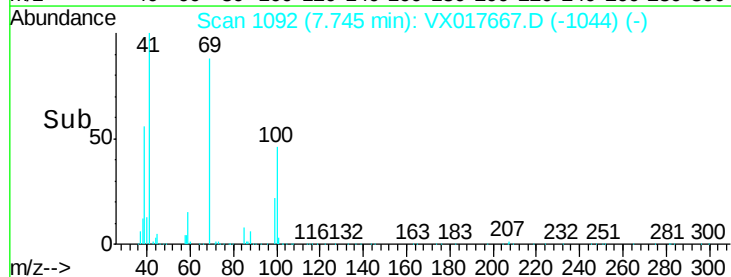
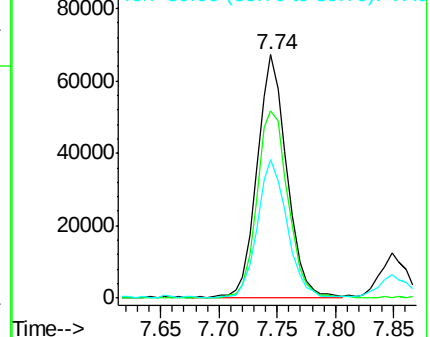
Ion	Ratio	Lower	Upper
41	100		
69	80.7	63.1	94.7
39	56.1	45.1	67.7

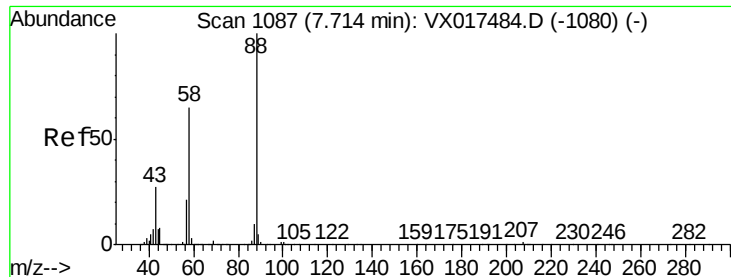


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

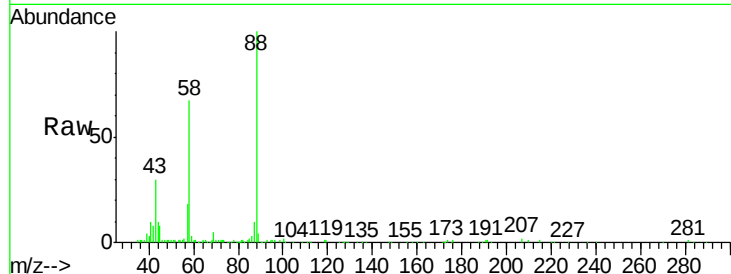




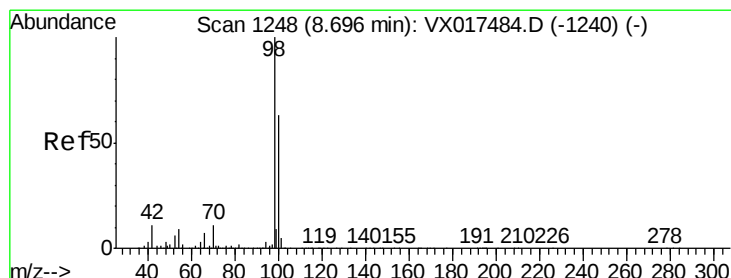
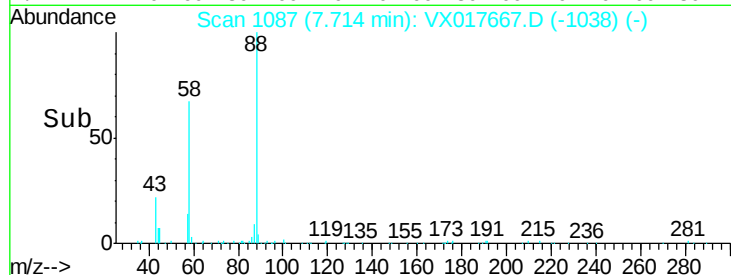
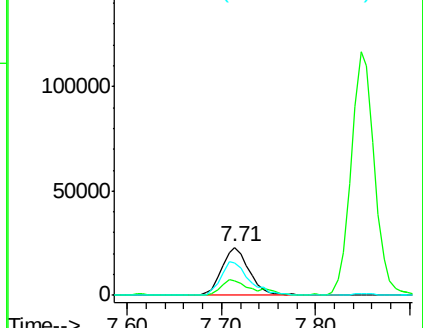
#49
1,4-Dioxane
Concen: 343.339 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	88	Resp	47121
Ion	Ratio	Lower	Upper
88	100		
43	36.3	27.8	41.6
58	73.8	58.3	87.5

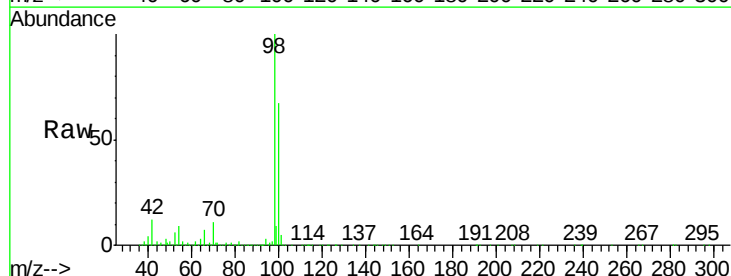


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

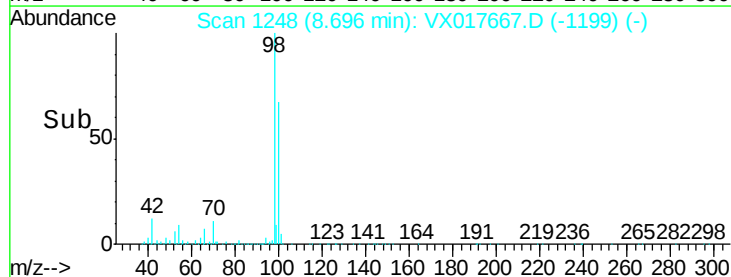
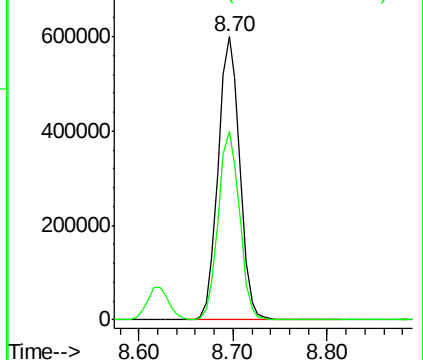


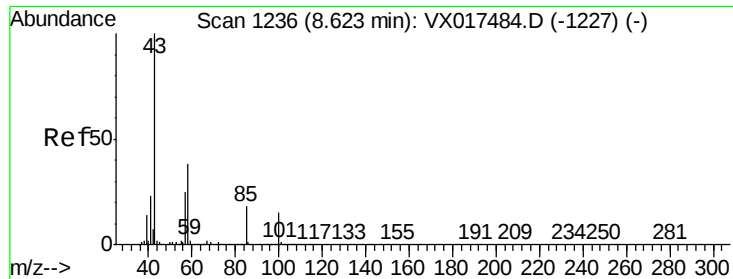
#50
Toluene-d8
Concen: 47.317 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion	98	Resp	952172
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5



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: 83.757 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

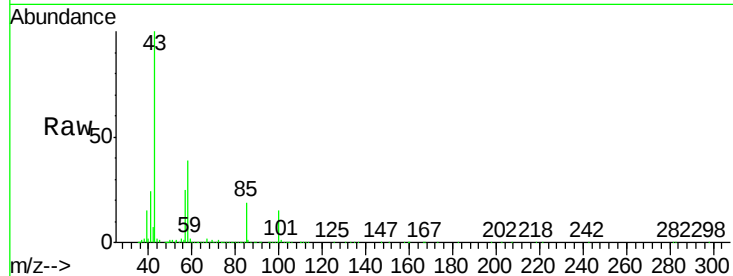
ClientSampleId :

Tot Ion: 43 Resp: 721697

Ion Ratio Lower Upper

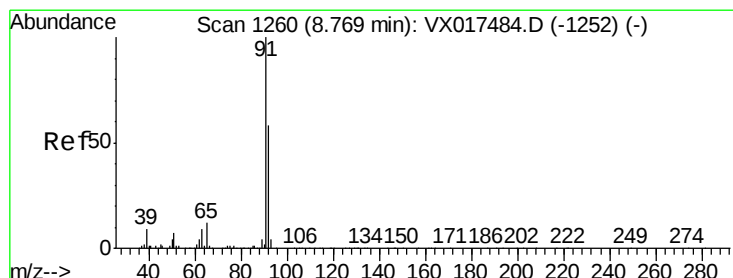
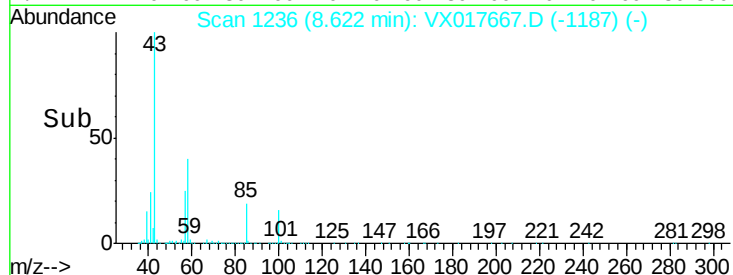
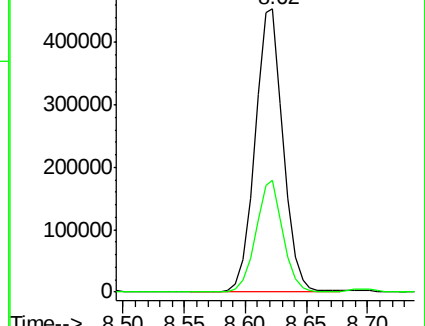
43 100

58 38.2 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.099 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017667.D

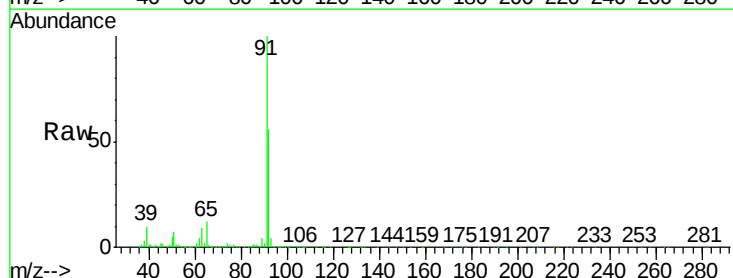
Acq: 29 Jul 2020 11:40

Tgt Ion: 92 Resp: 266197

Ion Ratio Lower Upper

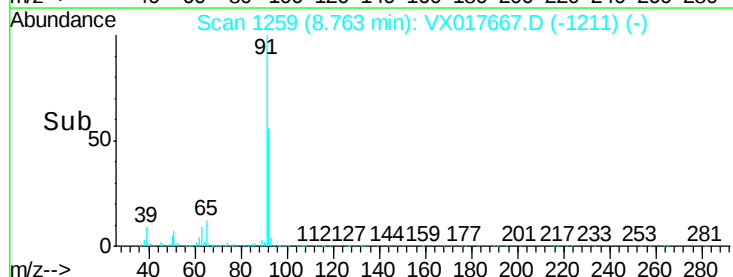
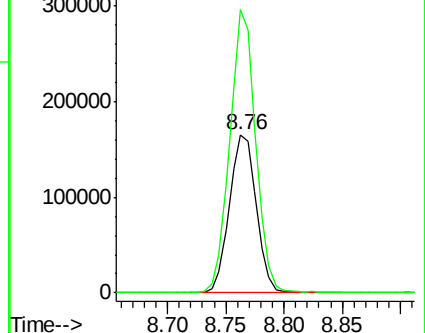
92 100

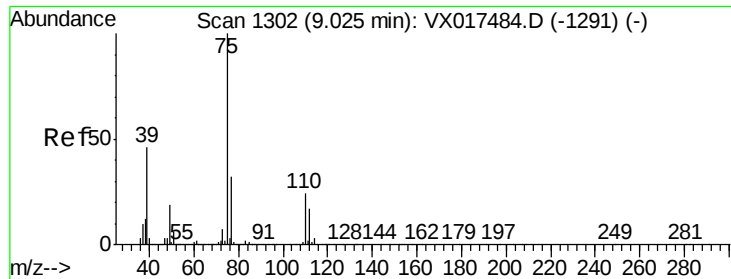
91 172.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

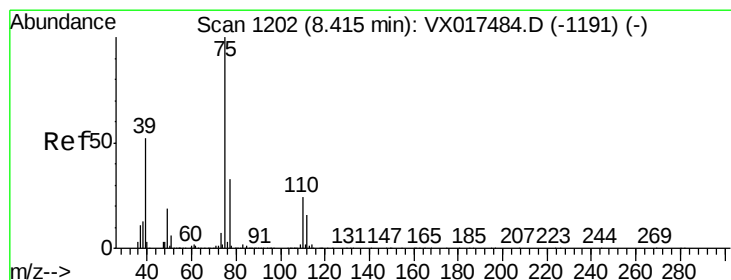
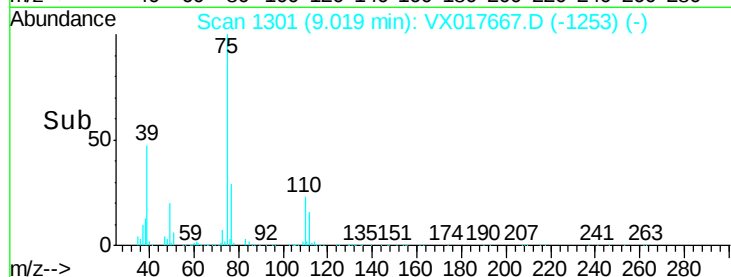
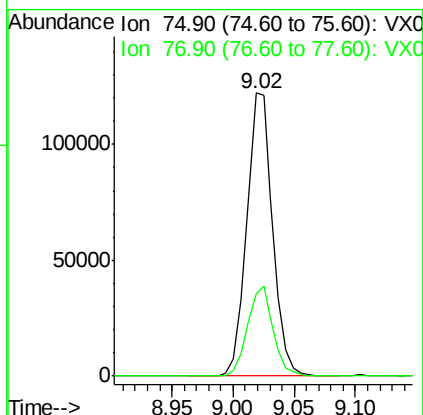
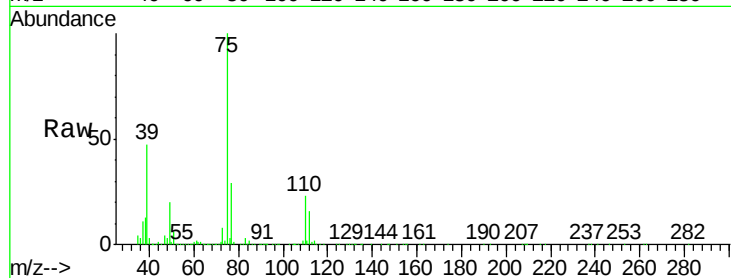




#53
 t-1,3-Dichloropropene
 Concen: 17.707 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

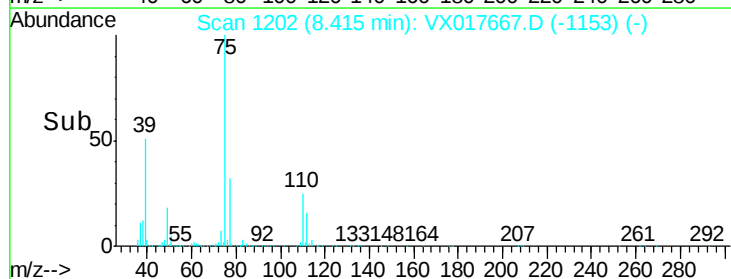
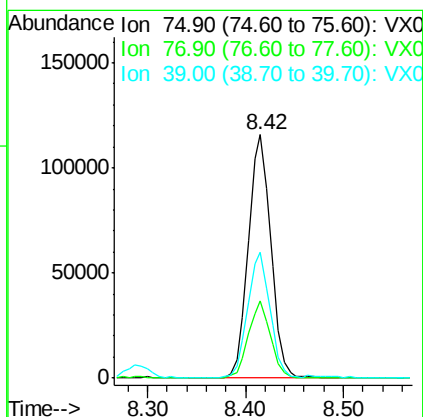
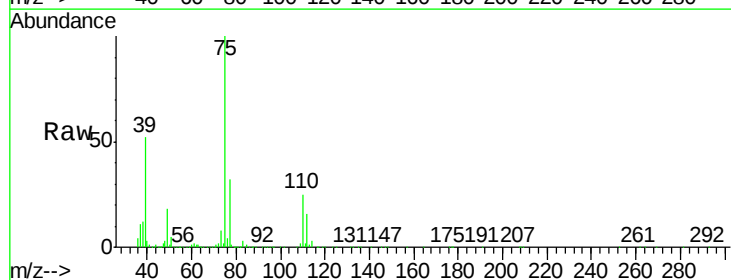
Instrument :
 MSVOA_X
 ClientSampled :

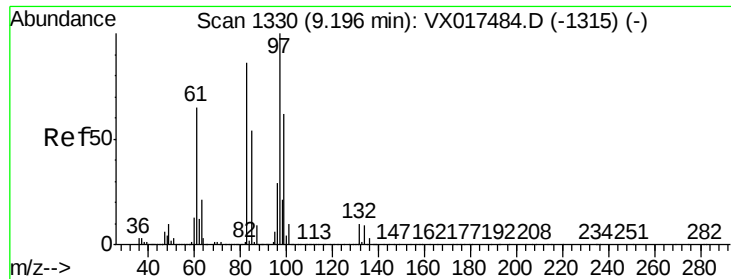
Tot Ion: 75 Resp: 179196
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 17.918 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

Tgt Ion: 75 Resp: 184958
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3
 39 51.2 41.8 62.8

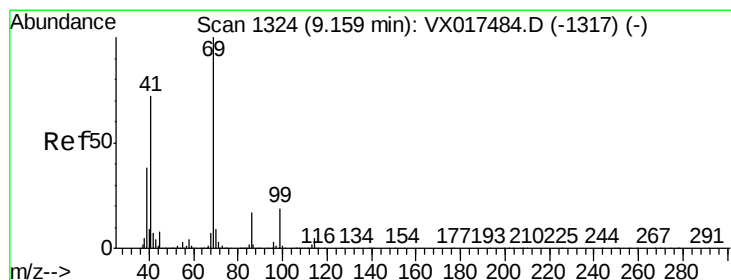
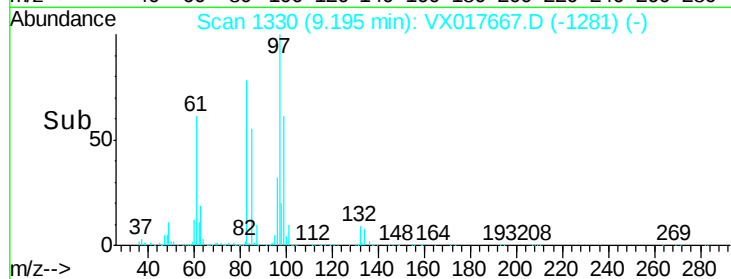
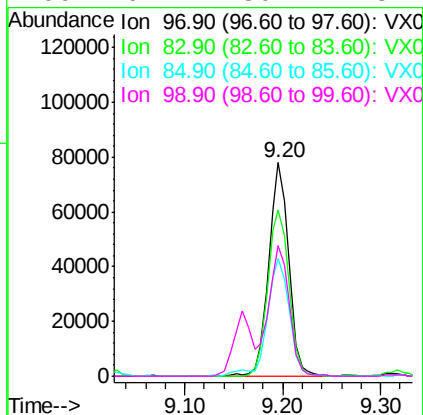
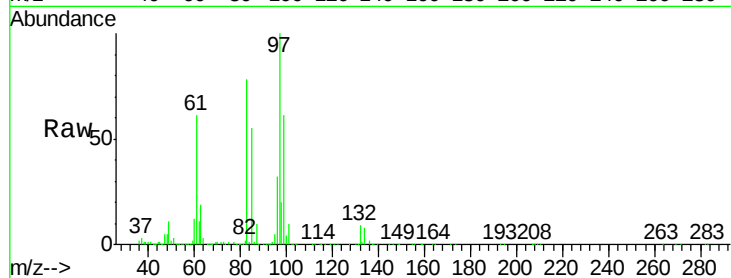




#55
1,1,2-Trichloroethane
Concen: 18.099 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

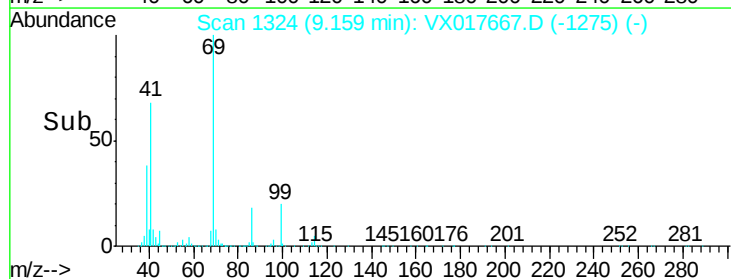
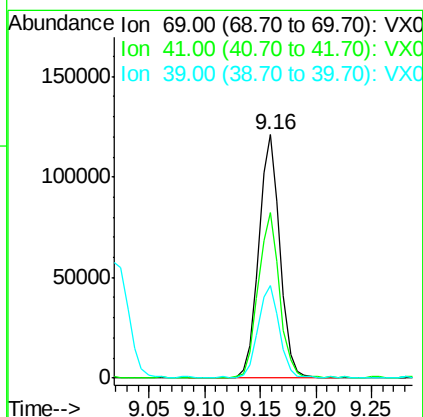
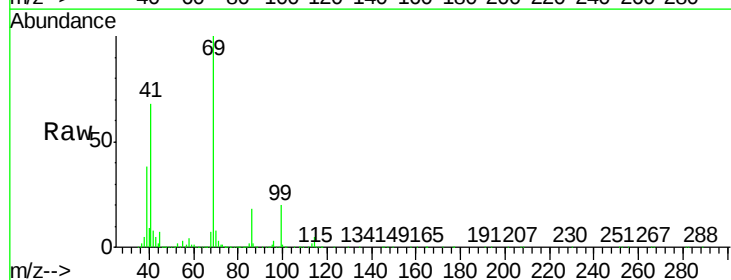
Instrument :
MSVOA_X
ClientSampleId :

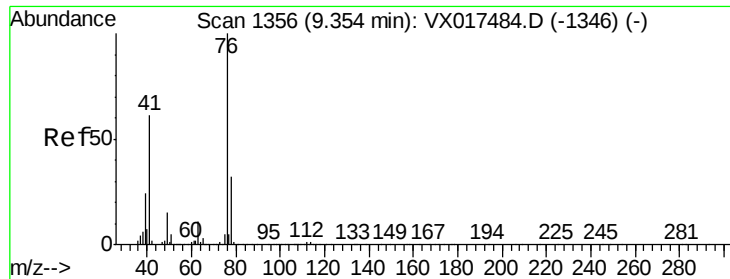
Tot Ion:	97	Resp:	110893
Ion	Ratio	Lower	Upper
97	100		
83	78.0	67.6	101.4
85	54.9	44.6	67.0
99	61.1	50.2	75.4



#56
Ethyl methacrylate
Concen: 17.362 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion:	69	Resp:	160264
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.0	82.6
39	38.4	30.0	45.0





#57

1,3-Dichloropropane

Concen: 17.800 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

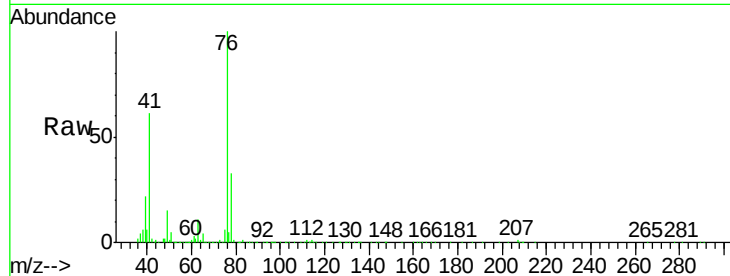
ClientSampled :

Tot Ion: 76 Resp: 179581

Ion Ratio Lower Upper

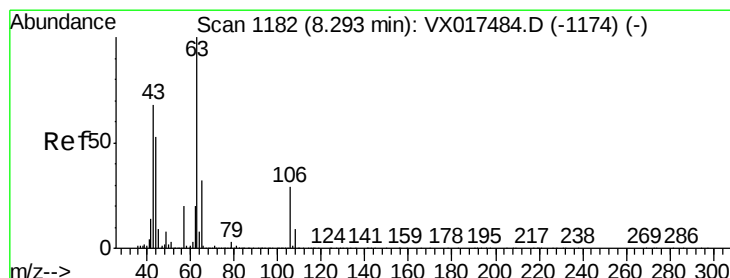
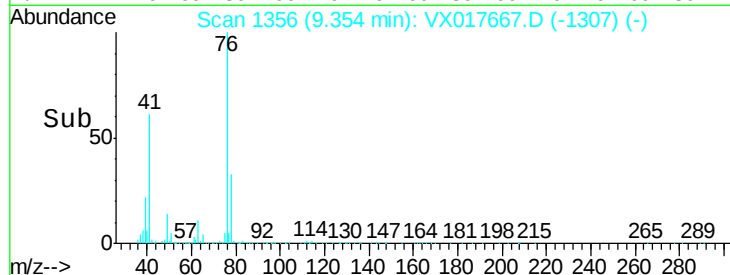
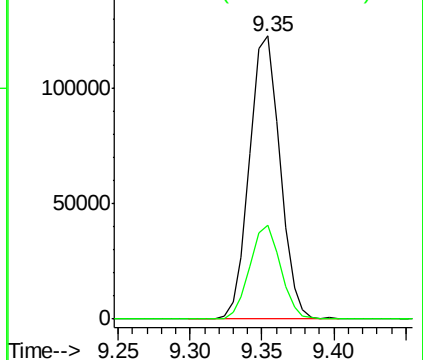
76 100

78 33.3 25.8 38.8



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: 90.359 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017667.D

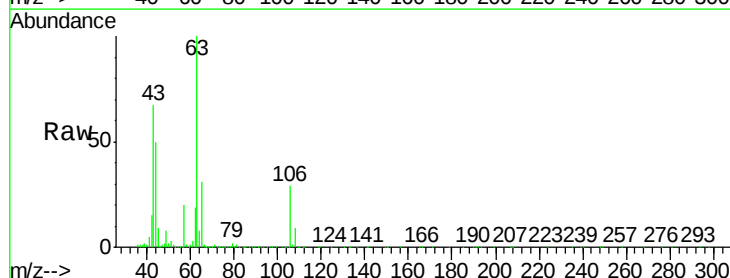
Acq: 29 Jul 2020 11:40

Tgt Ion: 63 Resp: 439435

Ion Ratio Lower Upper

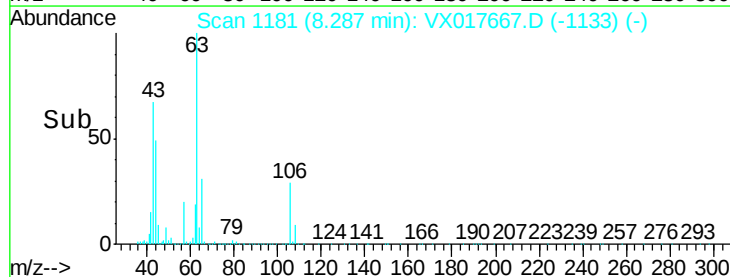
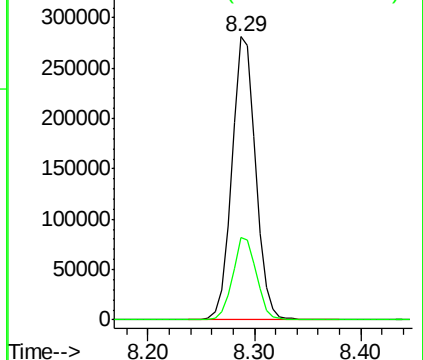
63 100

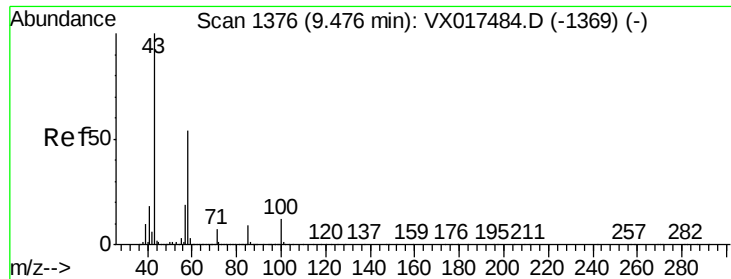
106 29.3 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

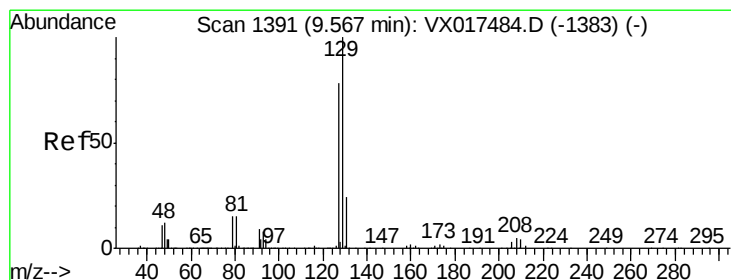
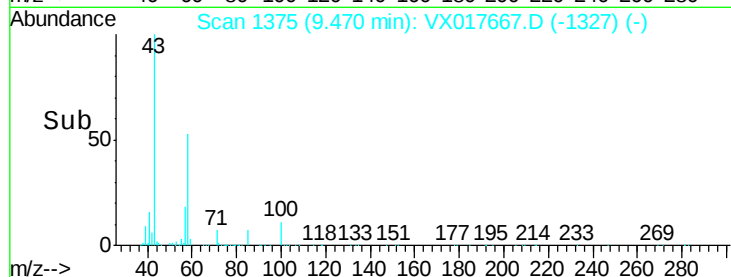
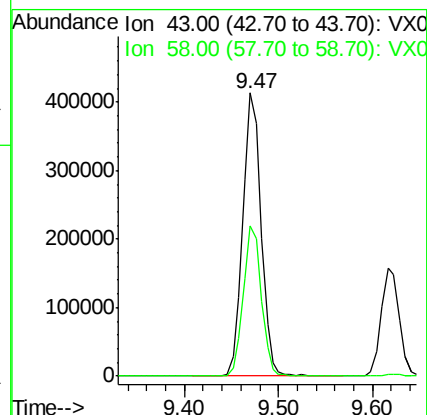
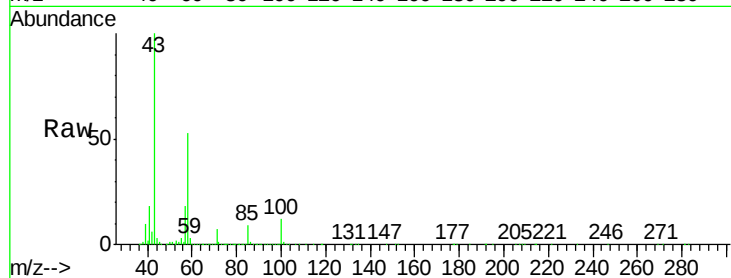




#59
2-Hexanone
Concen: 86.098 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

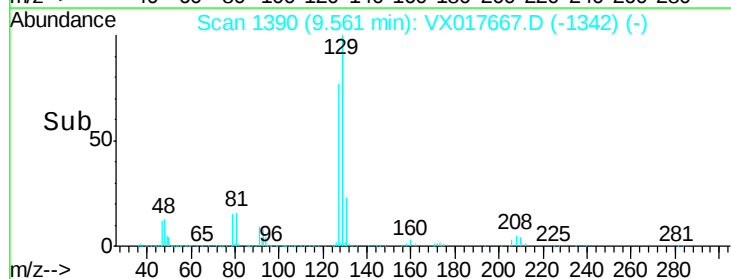
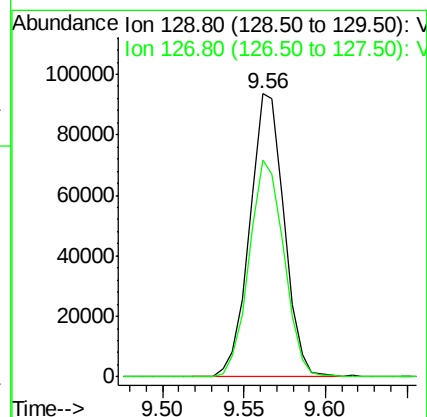
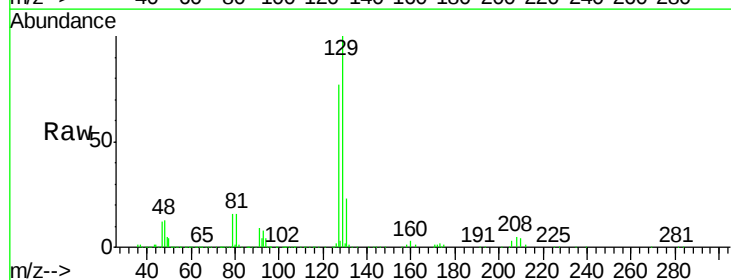
Instrument :
MSVOA_X
ClientSampleId :

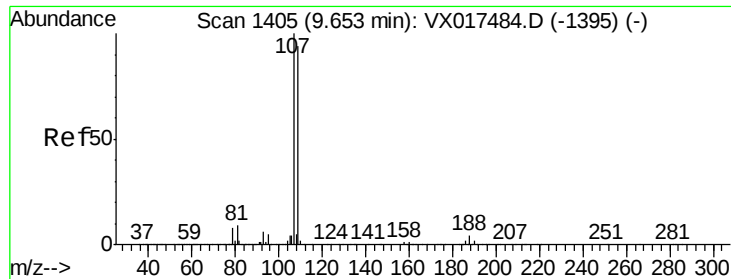
Tot Ion: 43 Resp: 558545
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.8



#60
Dibromochloromethane
Concen: 17.689 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion: 129 Resp: 137756
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.136 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

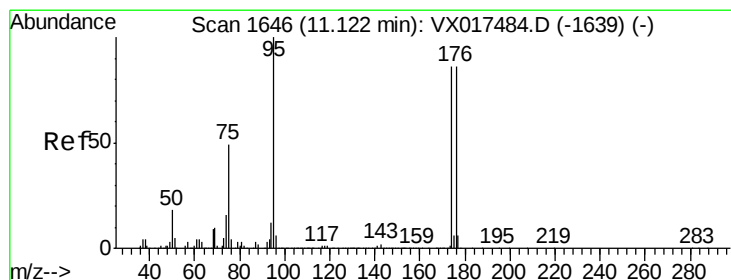
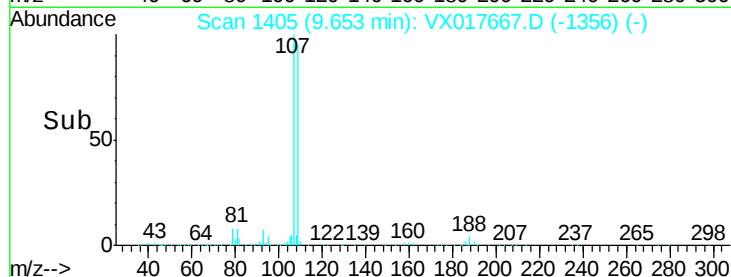
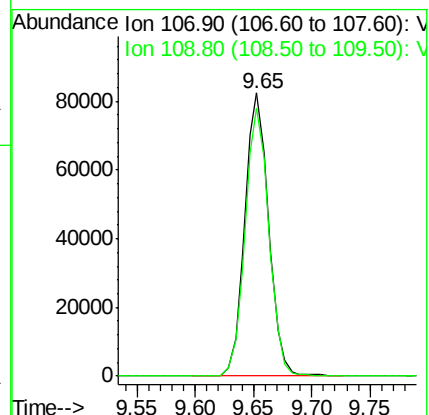
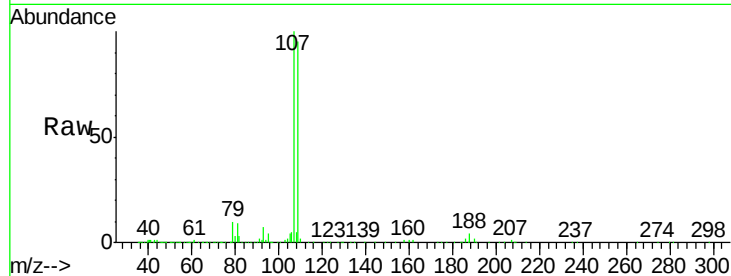
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 118304

Ion Ratio Lower Upper

107 100

109 94.0 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 48.503 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

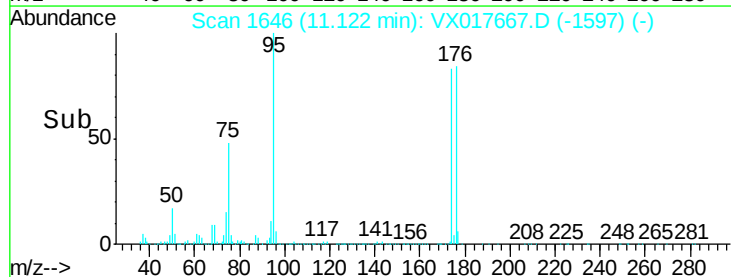
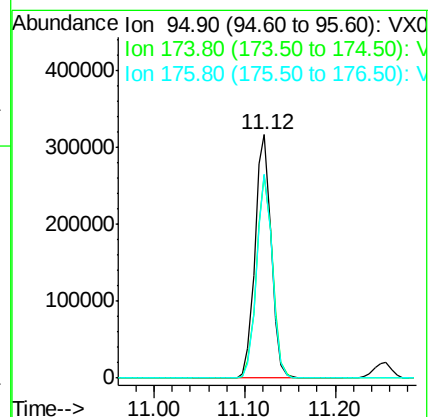
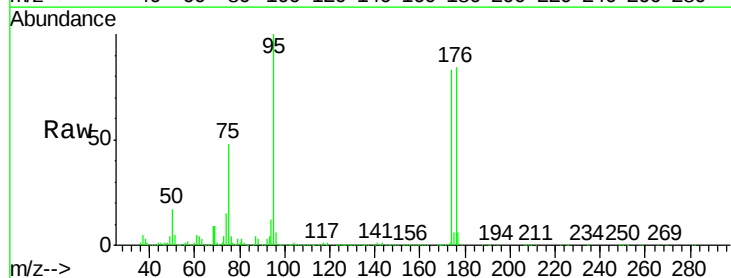
Tgt Ion: 95 Resp: 390612

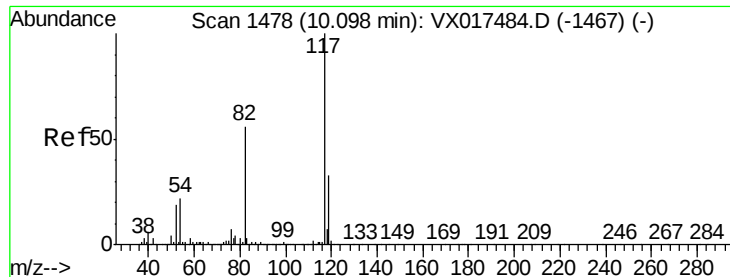
Ion Ratio Lower Upper

95 100

174 82.9 0.0 169.0

176 81.3 0.0 161.0

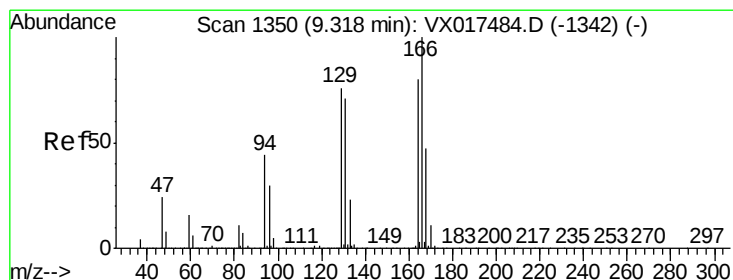
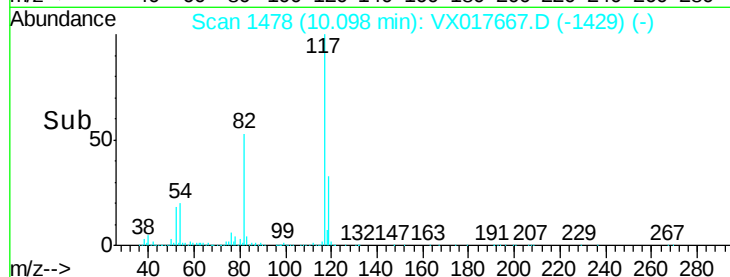
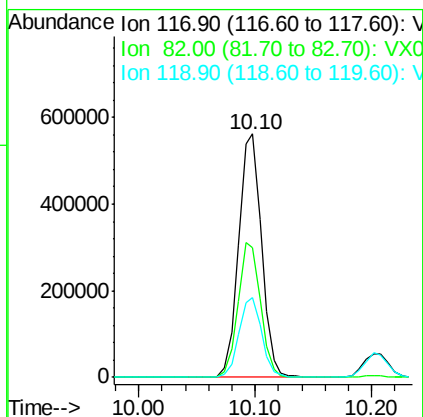
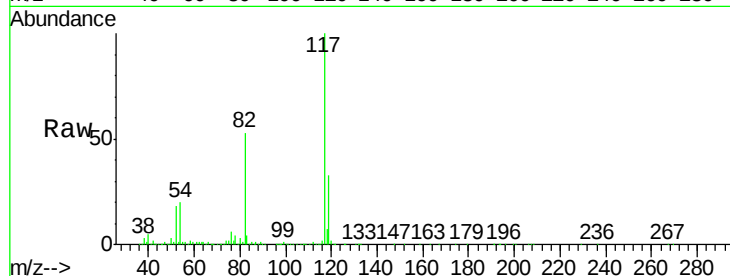




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

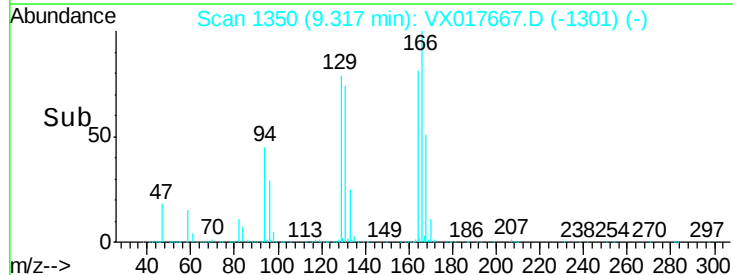
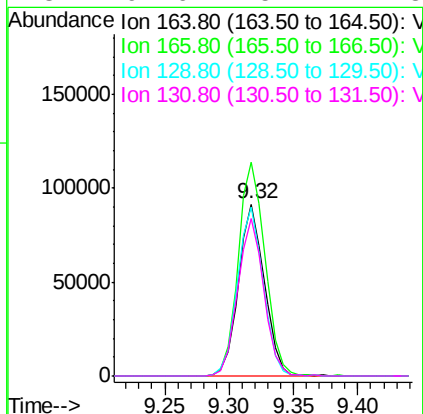
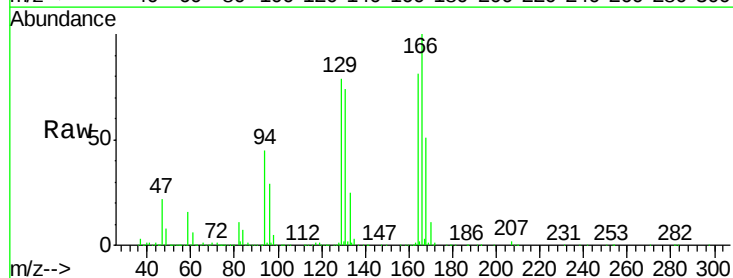
Instrument :
MSVOA_X
ClientSampleId :

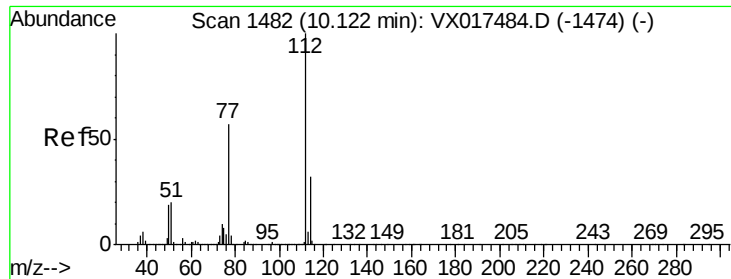
Tot Ion:117 Resp: 774551
Ion Ratio Lower Upper
117 100
82 53.2 44.0 66.0
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 18.394 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion:164 Resp: 127872
Ion Ratio Lower Upper
164 100
166 124.1 100.6 150.8
129 98.2 75.0 112.6
131 91.6 75.2 112.8

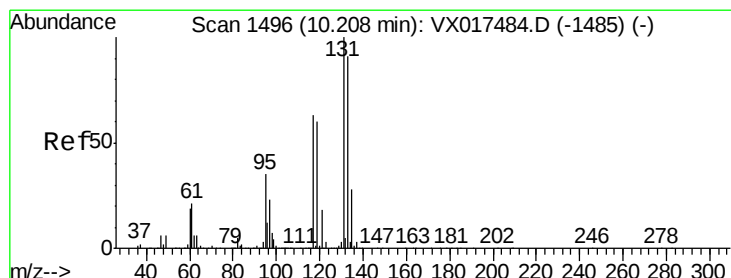
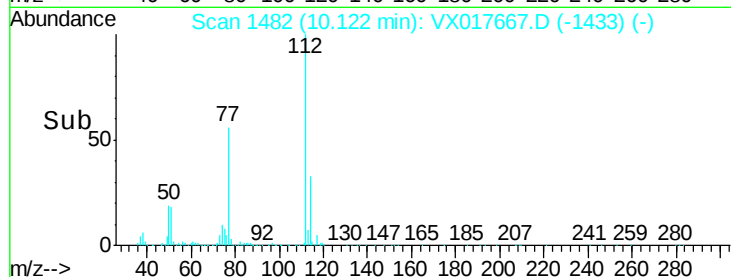
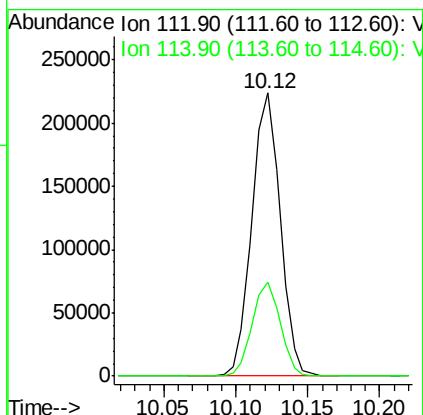
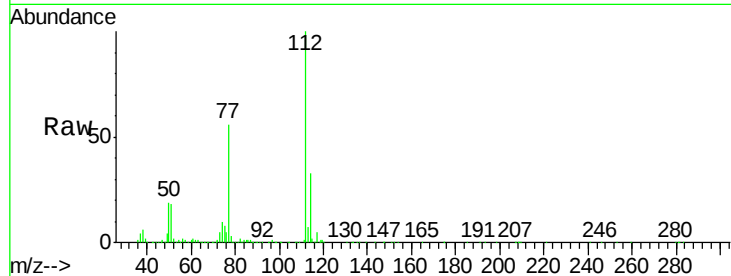




#65
Chlorobenzene
Concen: 18.128 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

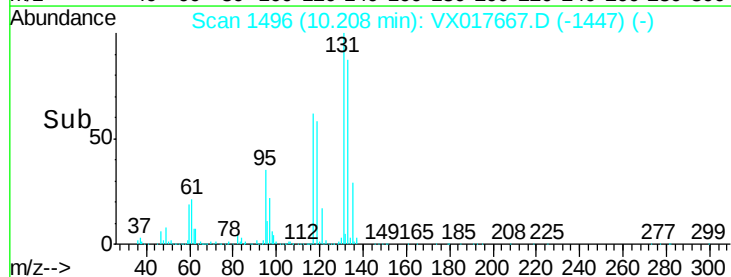
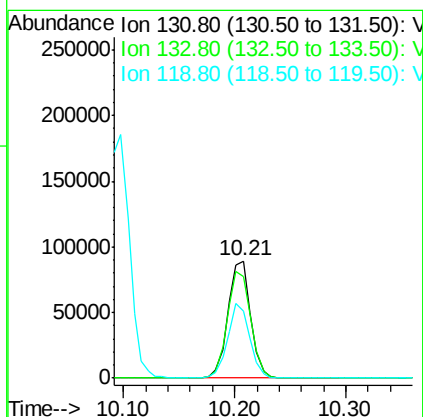
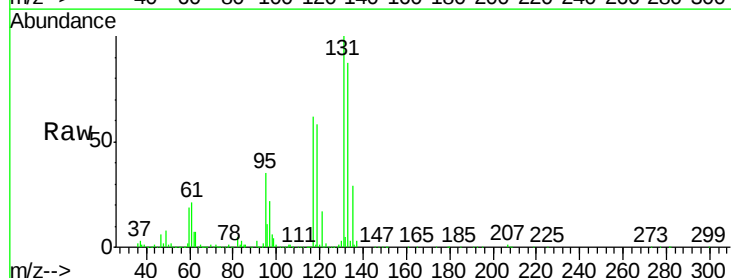
Instrument :
MSVOA_X
ClientSampleId :

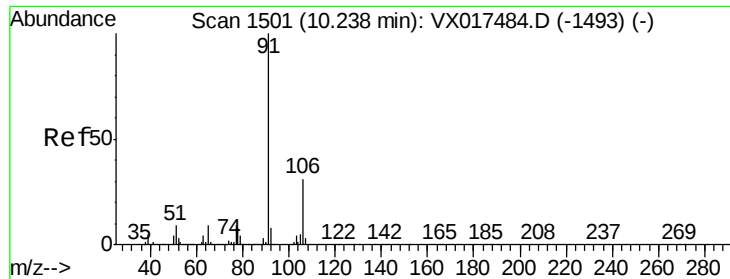
Tot Ion:112 Resp: 303919
Ion Ratio Lower Upper
112 100
114 33.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.416 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion:131 Resp: 124608
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.6
119 62.9 31.1 93.3

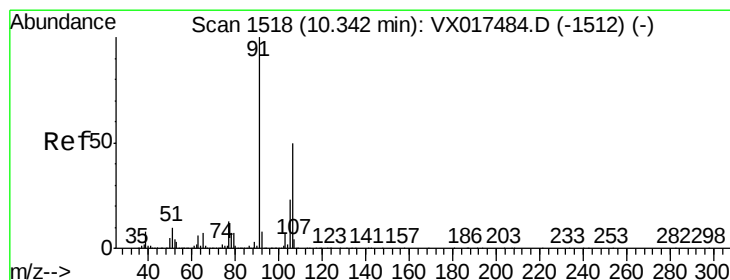
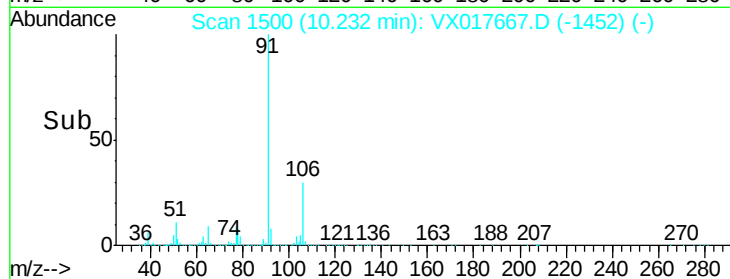
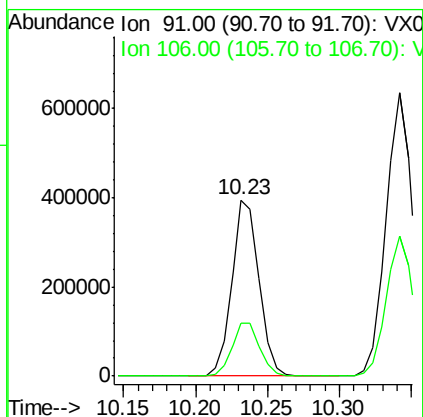
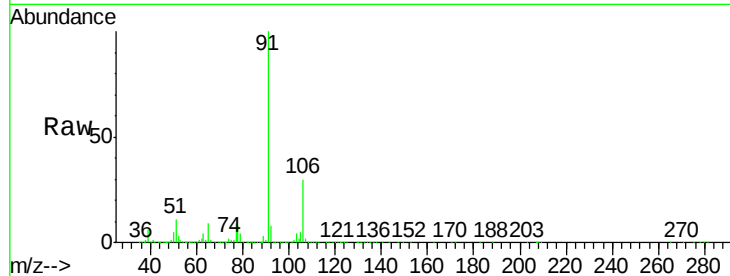




#67
Ethyl Benzene
Concen: 18.594 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

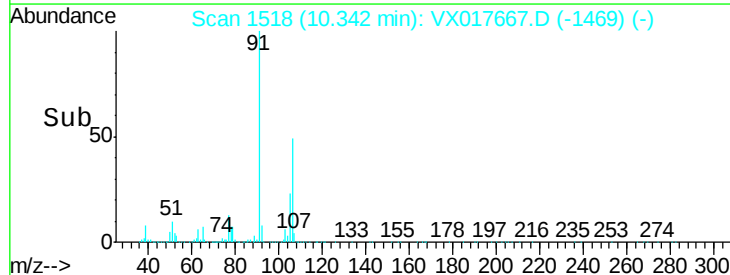
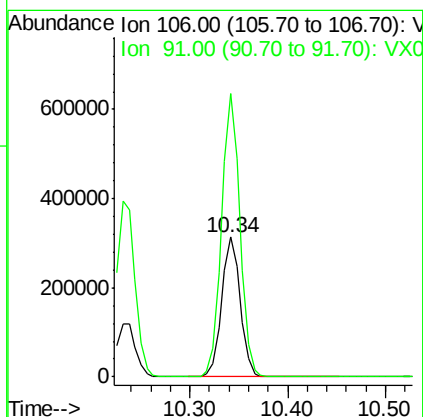
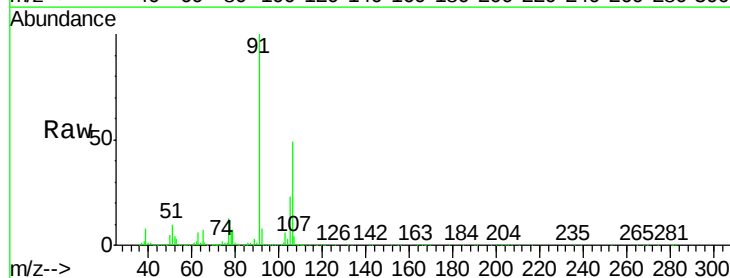
Instrument :
MSVOA_X
ClientSampleId :

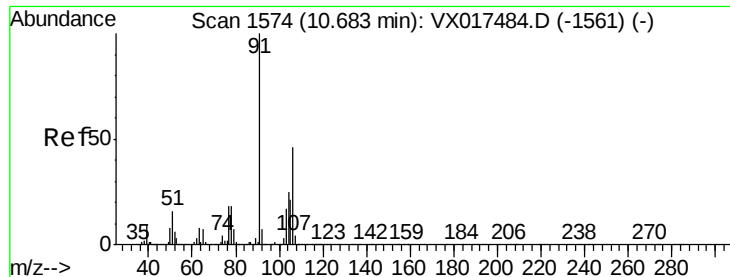
Tot Ion: 91 Resp: 520366
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.6



#68
m/p-Xylenes
Concen: 37.918 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion: 106 Resp: 411097
Ion Ratio Lower Upper
106 100
91 200.3 160.9 241.3

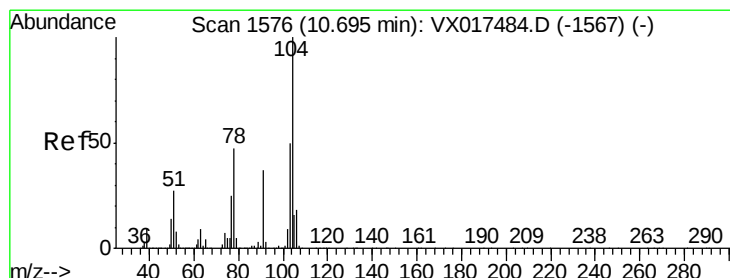
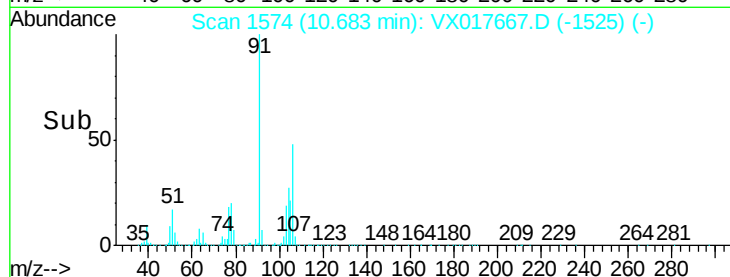
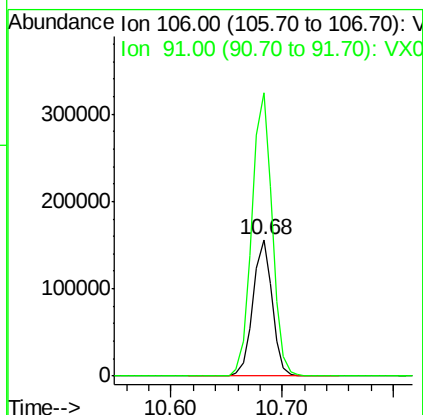
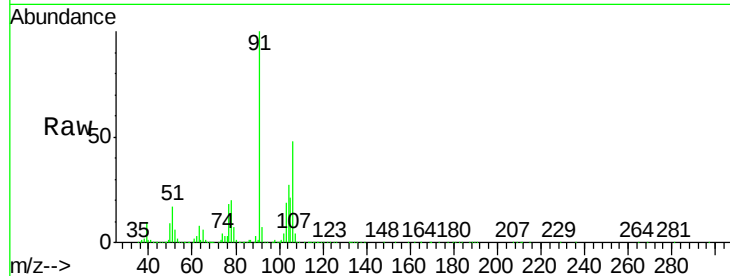




#69
o-Xylene
Concen: 18.130 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

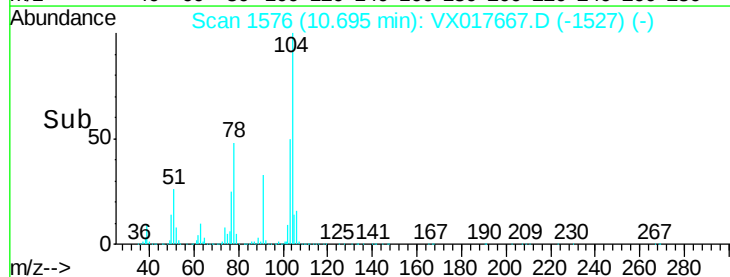
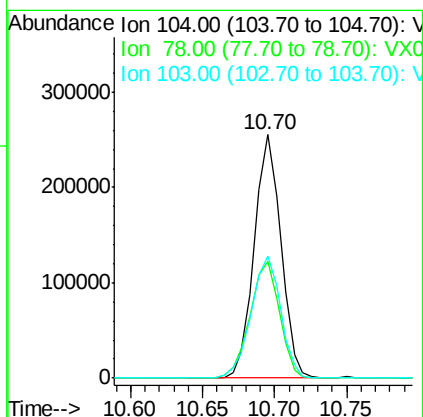
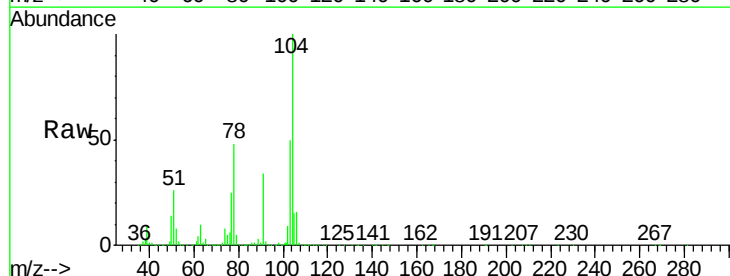
Instrument :
MSVOA_X
ClientSampled :

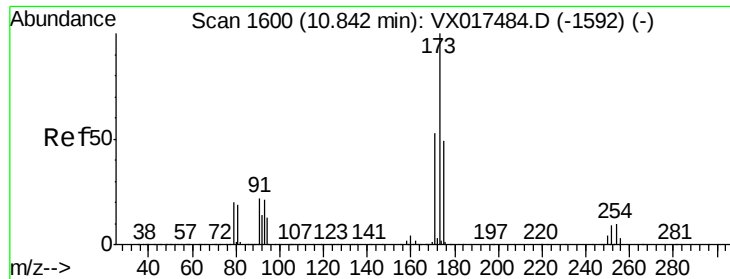
Tot Ion:106 Resp: 189047
Ion Ratio Lower Upper
106 100
91 216.8 108.2 324.6



#70
Styrene
Concen: 18.379 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion:104 Resp: 326070
Ion Ratio Lower Upper
104 100
78 53.1 42.5 63.7
103 55.4 44.3 66.5





#71

Bromoform

Concen: 17.981 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

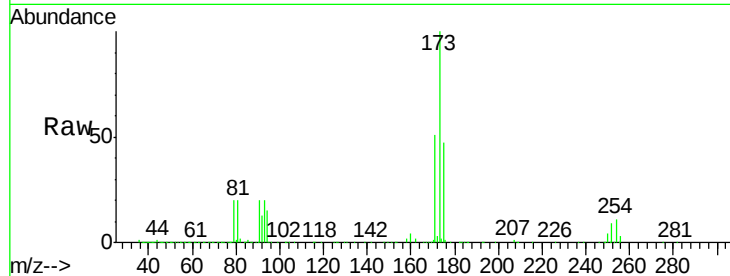
Tot Ion:173 Resp: 105405

Ion Ratio Lower Upper

173 100

175 47.6 23.8 71.5

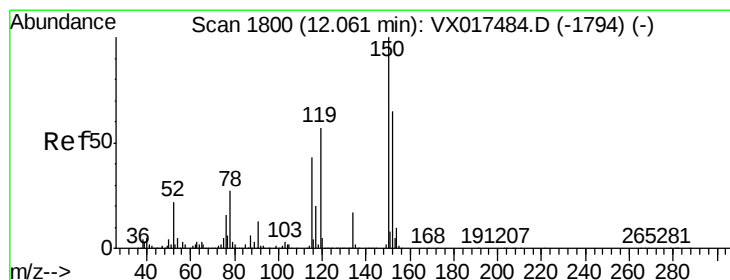
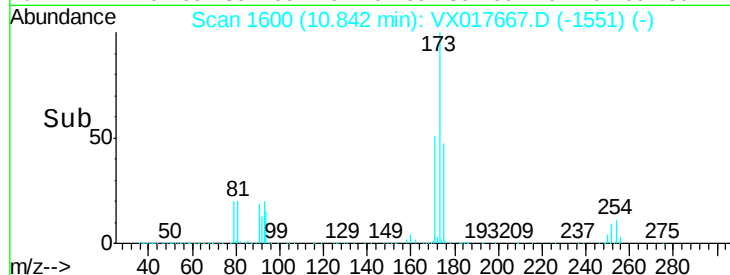
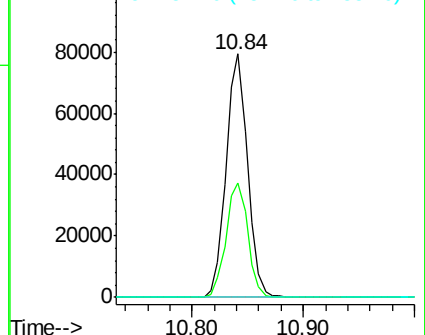
254 0.1 0.1 0.1



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: VX017667.D

Acq: 29 Jul 2020 11:40

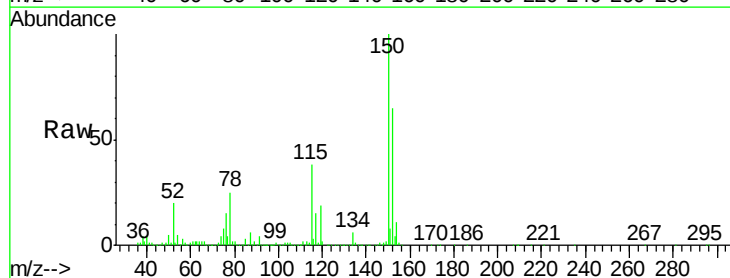
Tgt Ion:152 Resp: 423150

Ion Ratio Lower Upper

152 100

115 65.8 65.5 196.6

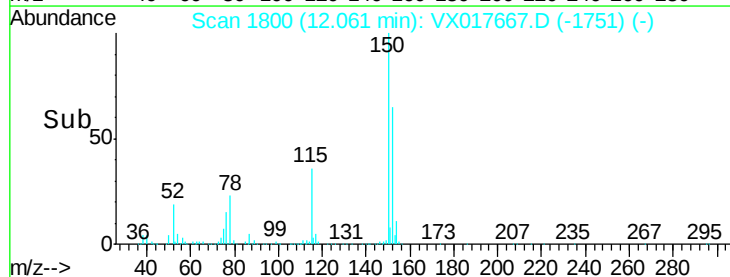
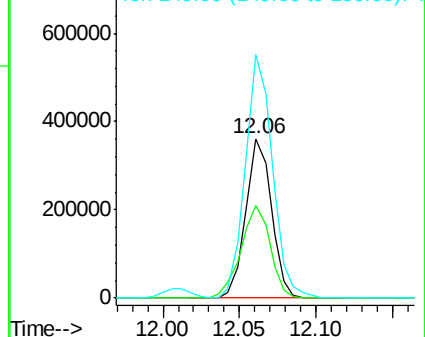
150 161.3 0.0 412.6

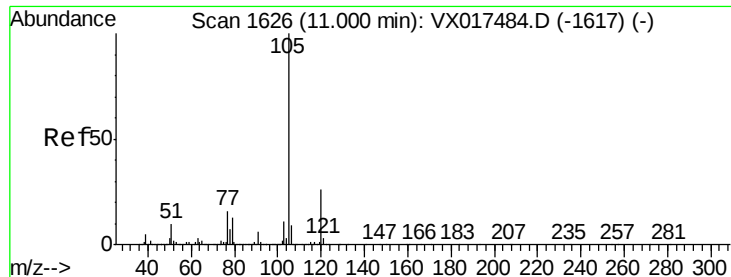


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.254 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

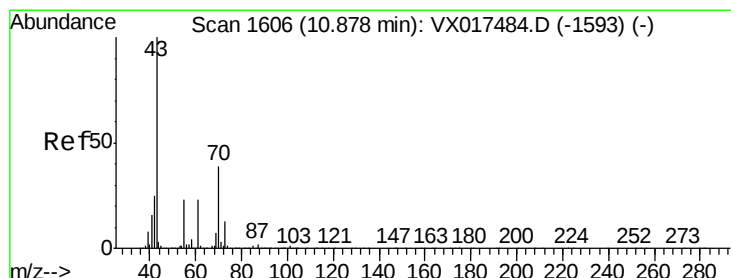
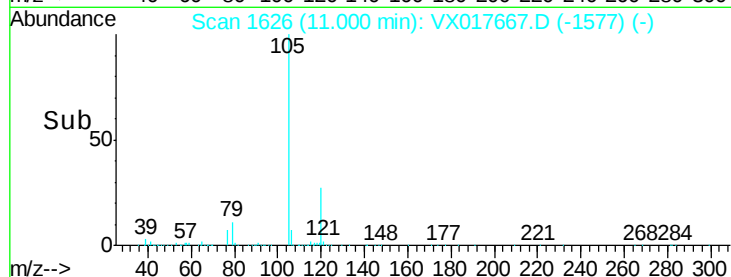
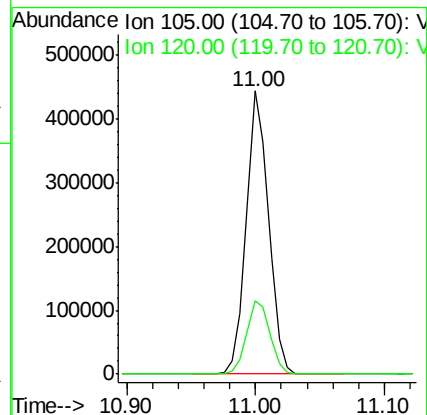
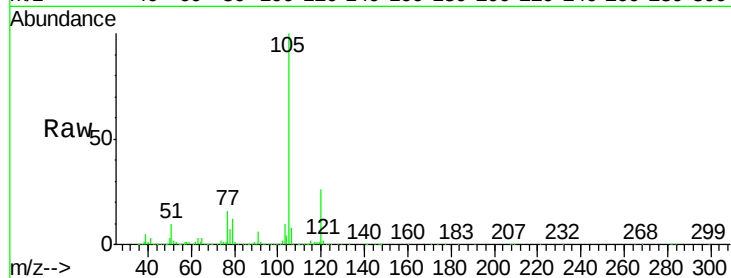
ClientSampleId :

Tot Ion:105 Resp: 529887

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.8



#74

N-ethyl acetate

Concen: 16.636 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Tgt Ion: 43 Resp: 214570

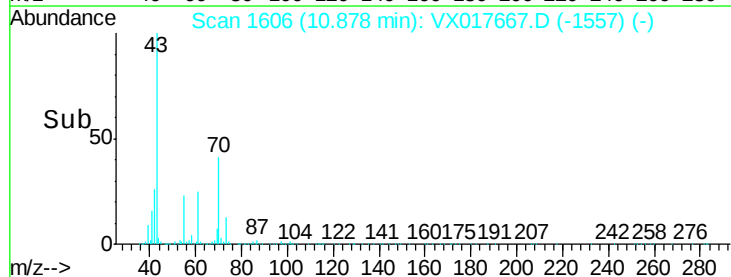
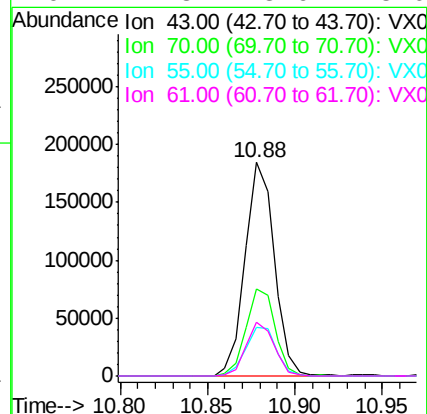
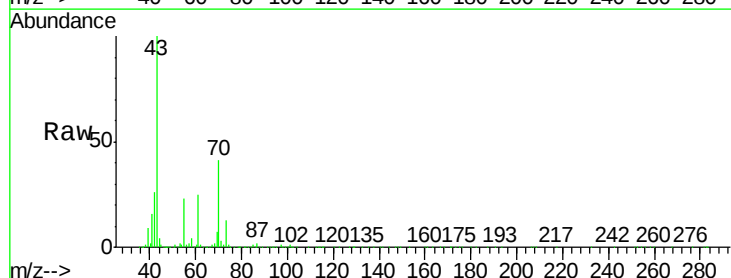
Ion Ratio Lower Upper

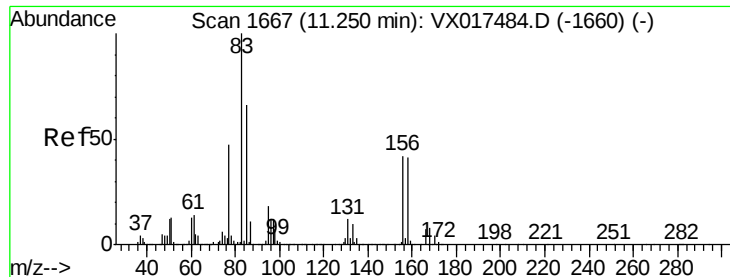
43 100

70 41.2 32.3 48.5

55 24.3 18.4 27.6

61 24.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.080 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

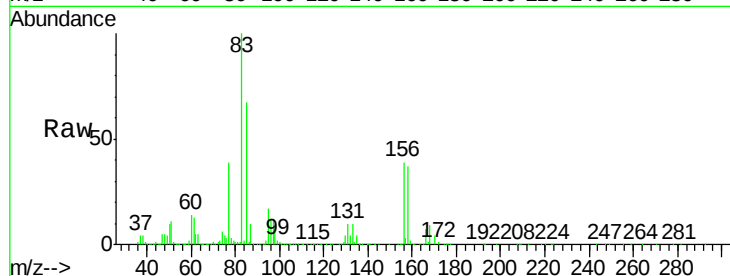
Tot Ion: 83 Resp: 154762

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.5

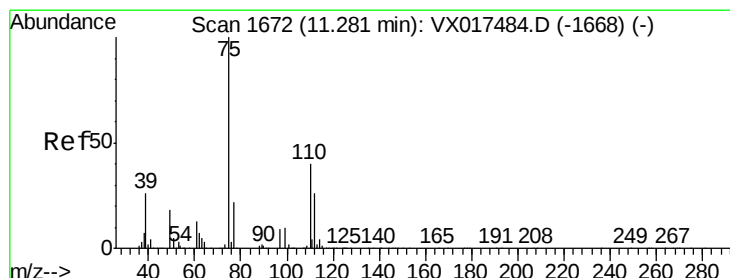
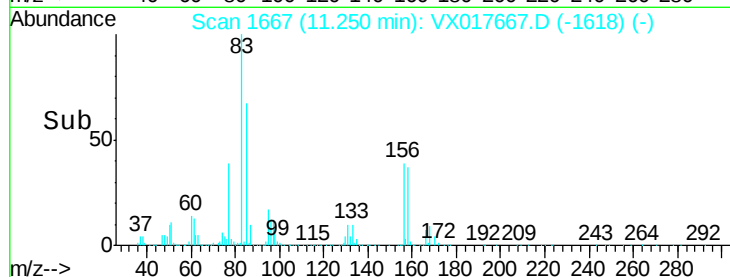
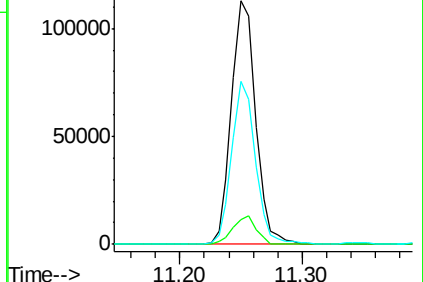
85 65.5 32.1 96.3



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: 22.575 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017667.D

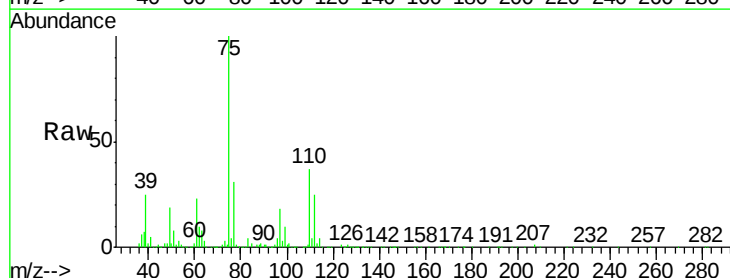
Acq: 29 Jul 2020 11:40

Tgt Ion: 75 Resp: 196498

Ion Ratio Lower Upper

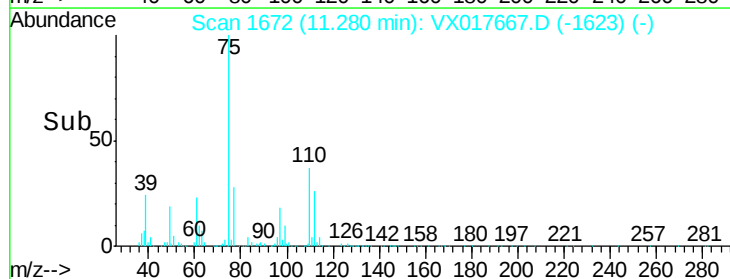
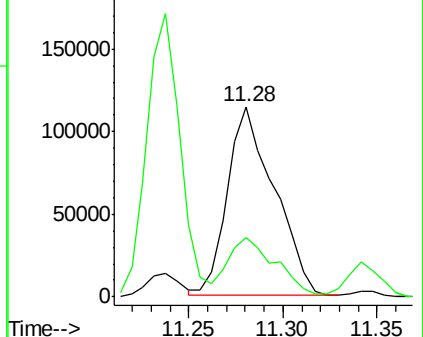
75 100

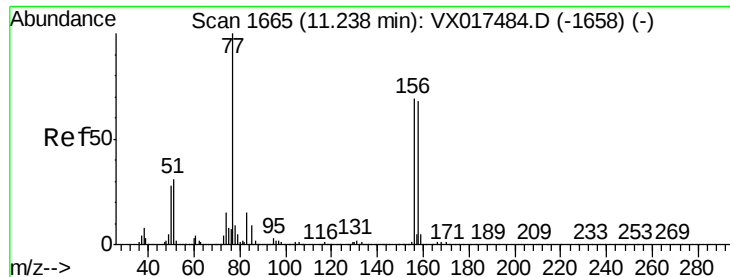
77 32.1 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.252 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

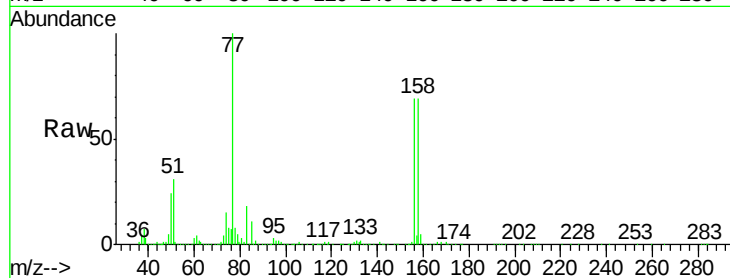
Tot Ion:156 Resp: 148328

Ion Ratio Lower Upper

156 100

77 144.0 75.0 225.0

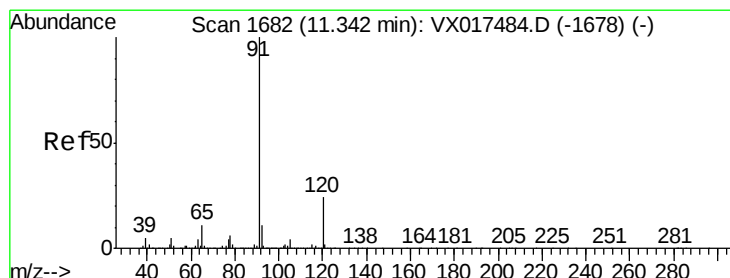
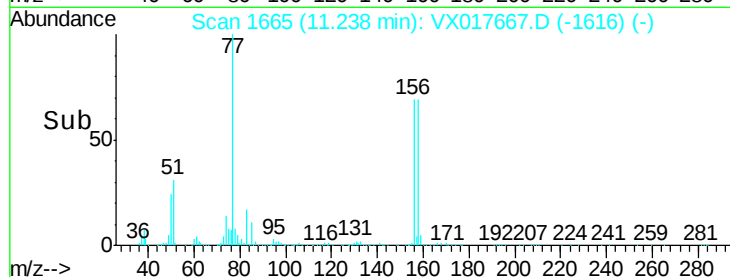
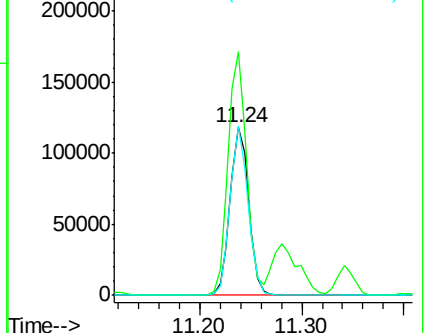
158 96.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.660 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017667.D

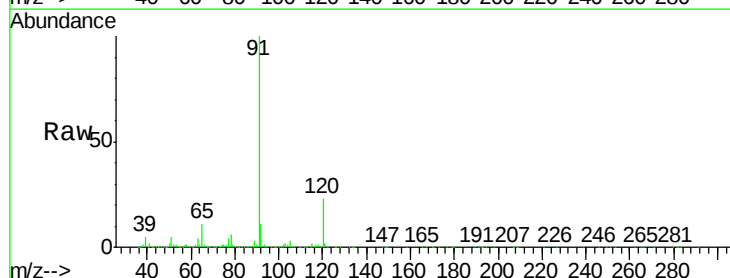
Acq: 29 Jul 2020 11:40

Tgt Ion: 91 Resp: 610919

Ion Ratio Lower Upper

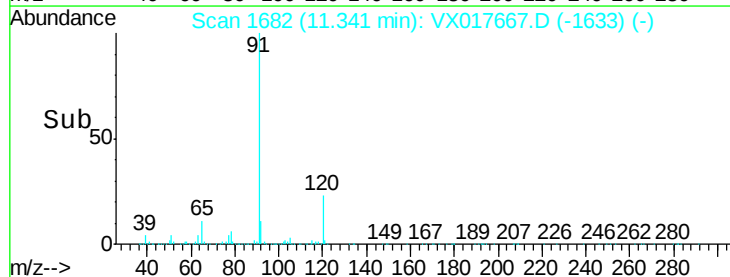
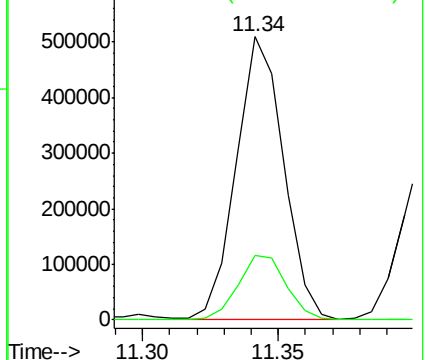
91 100

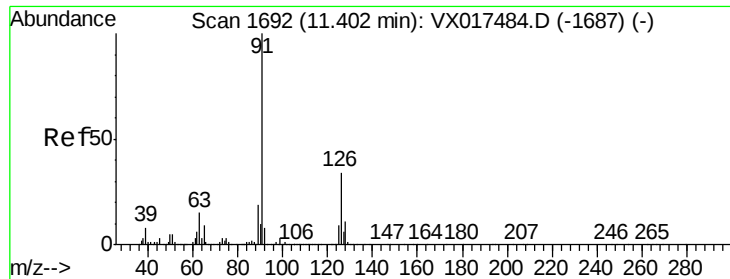
120 23.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

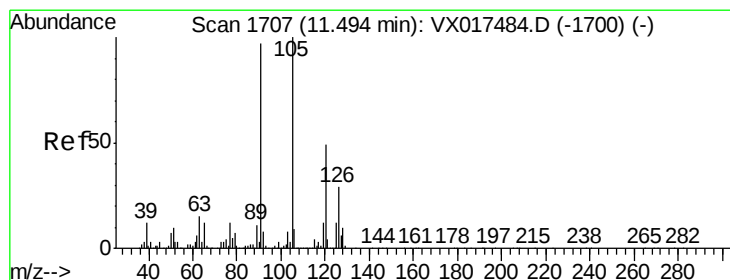
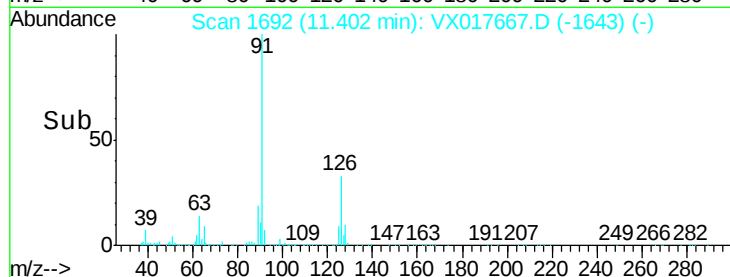
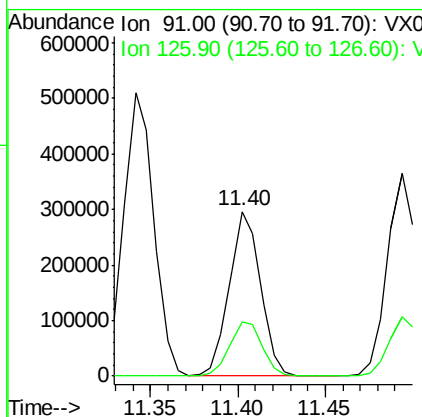
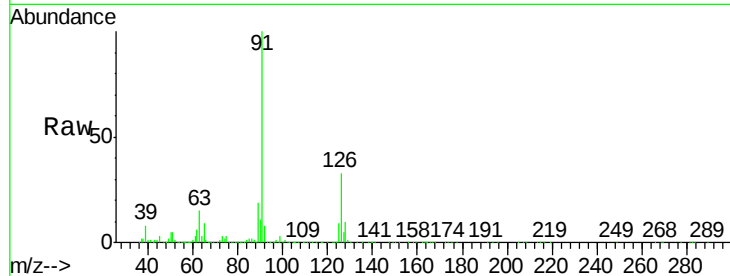




#79
 2-Chlorotoluene
 Concen: 18.156 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

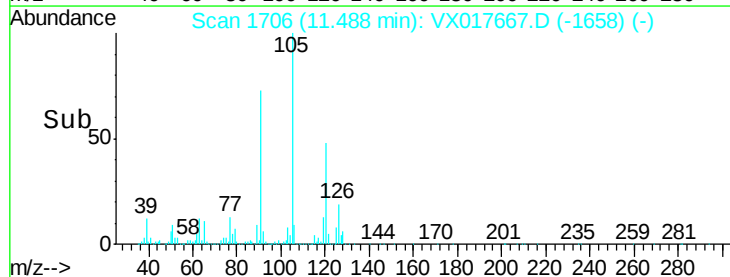
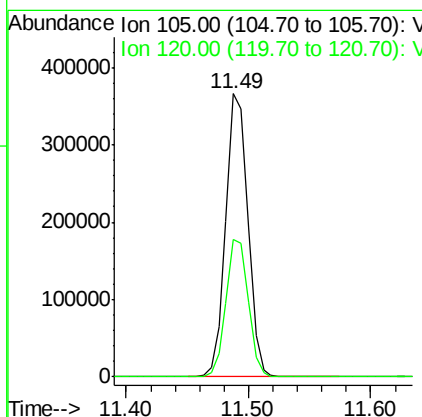
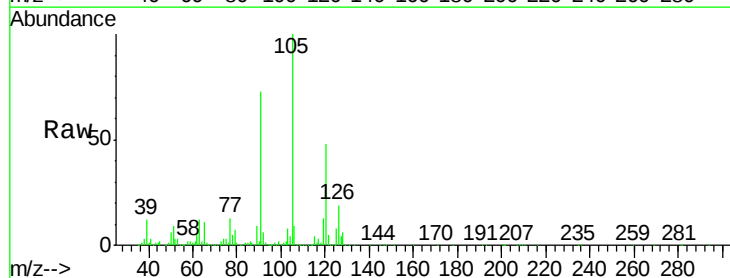
Instrument :
 MSVOA_X
 ClientSampleId :

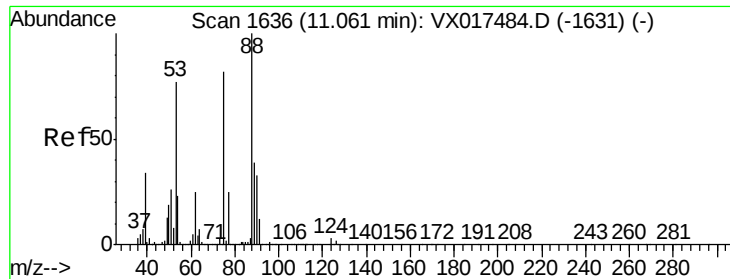
Tot Ion: 91 Resp: 368217
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 18.450 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

Tgt Ion: 105 Resp: 457276
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.259 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

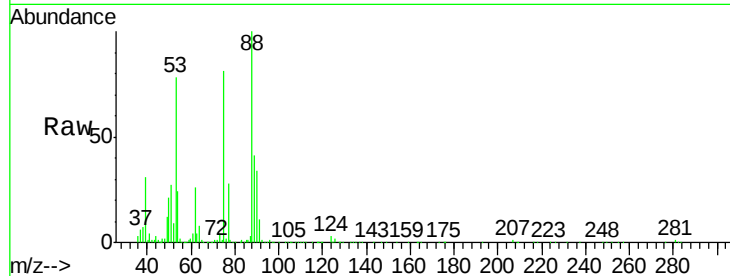
Tot Ion: 75 Resp: 56166

Ion Ratio Lower Upper

75 100

53 101.8 75.9 113.9

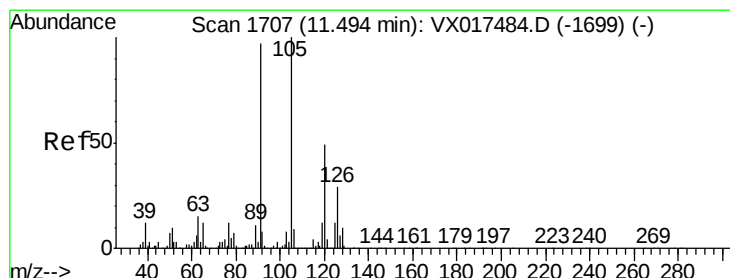
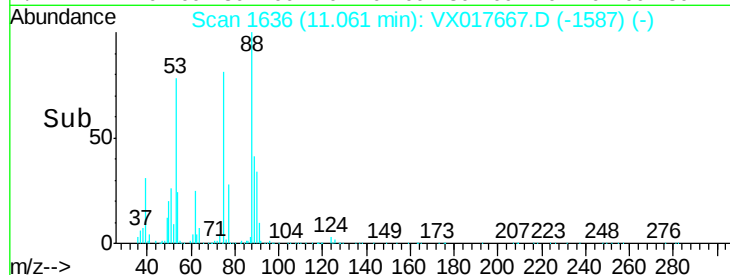
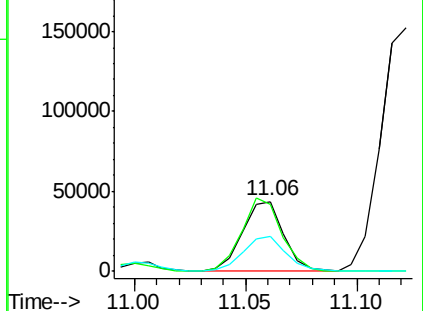
89 54.2 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.197 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017667.D

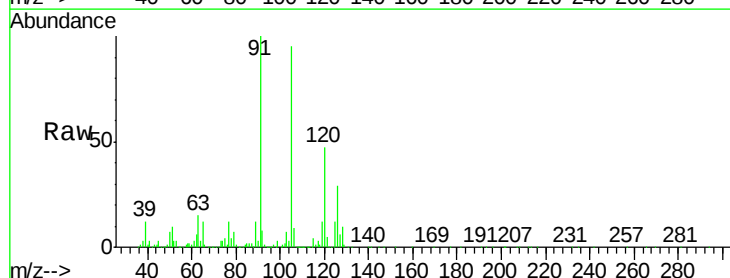
Acq: 29 Jul 2020 11:40

Tgt Ion: 91 Resp: 435338

Ion Ratio Lower Upper

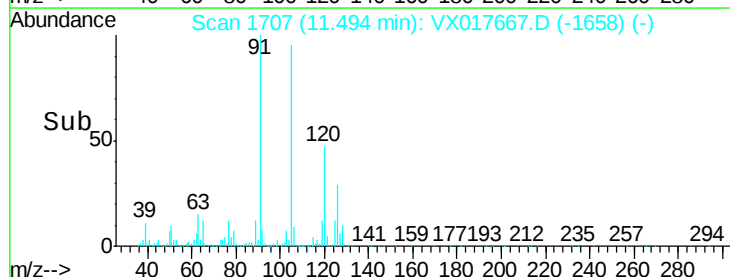
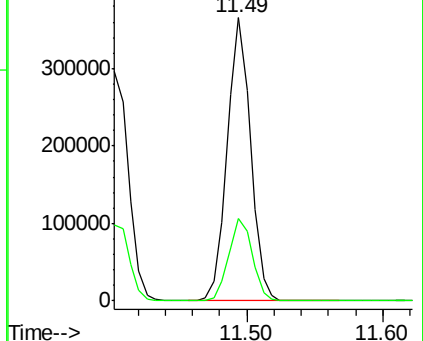
91 100

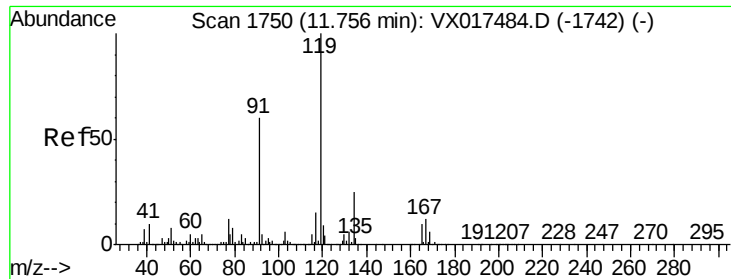
126 29.7 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

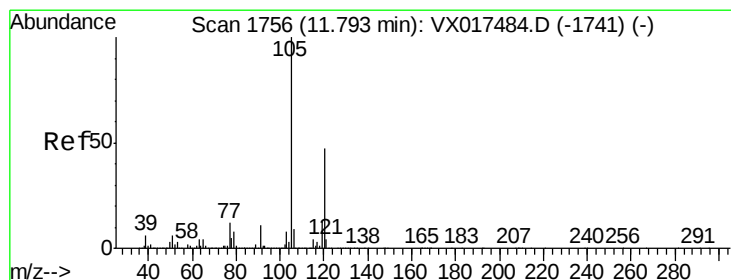
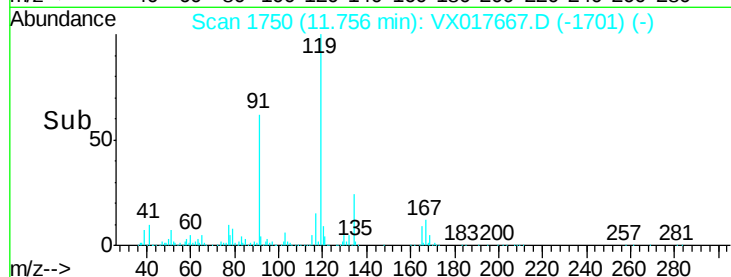
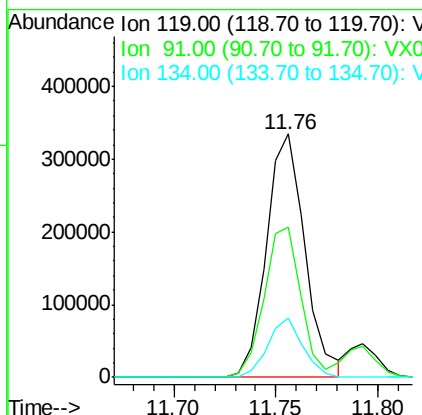
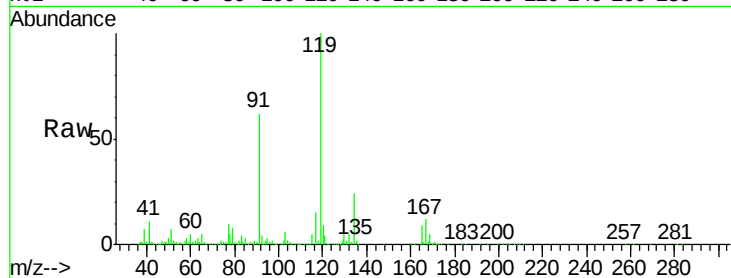




#83
tert-Butylbenzene
Concen: 18.508 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

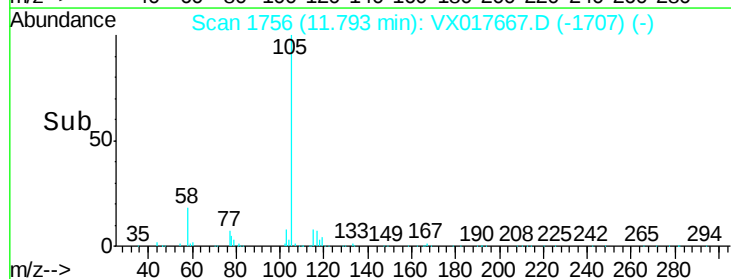
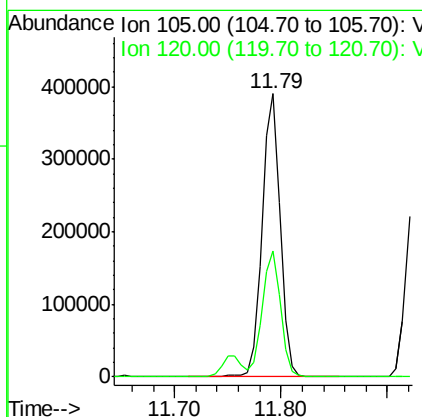
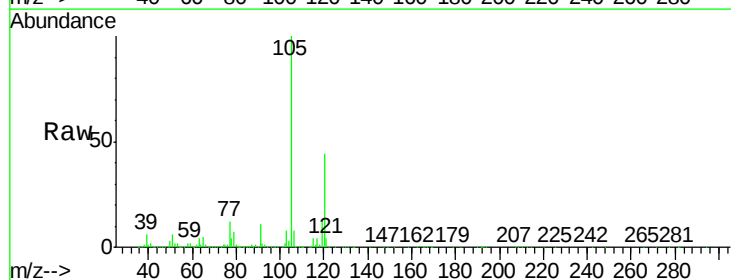
Instrument :
MSVOA_X
ClientSampled :

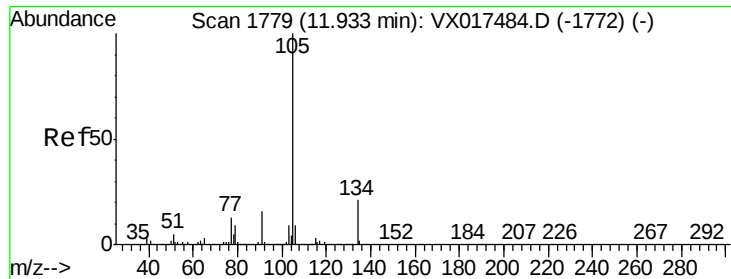
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.3	88.0
134	22.3	11.2	33.6



#84
1,2,4-Trimethylbenzene
Concen: 18.815 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.7	68.0





#85

sec-Butylbenzene

Concen: 18.613 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

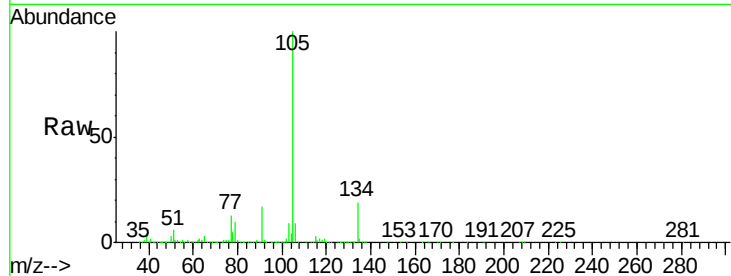
ClientSampleId :

Tot Ion:105 Resp: 514214

Ion Ratio Lower Upper

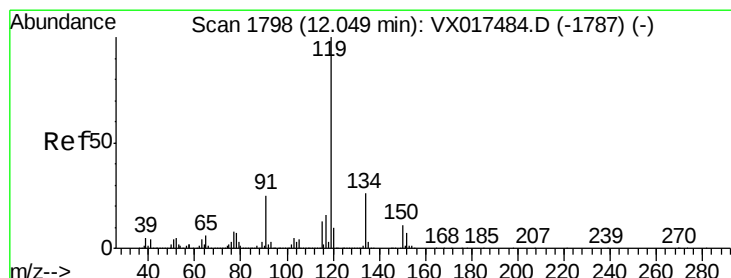
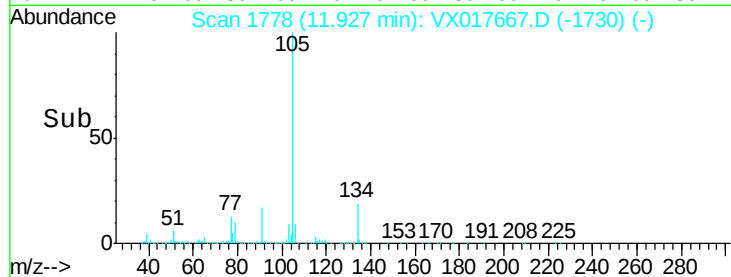
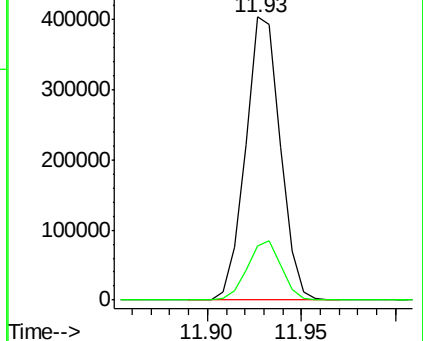
105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.767 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

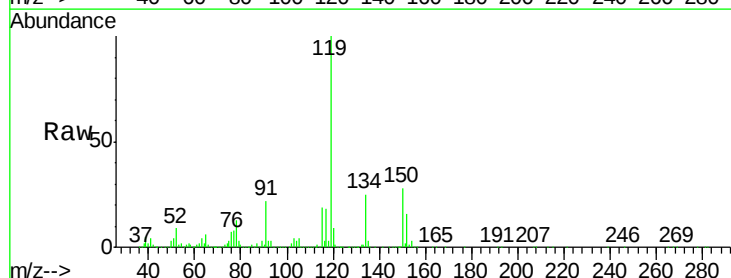
Tgt Ion:119 Resp: 493750

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

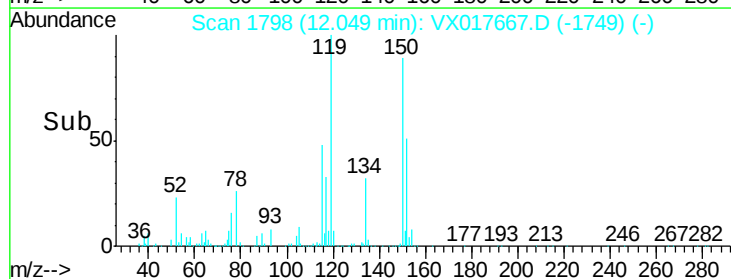
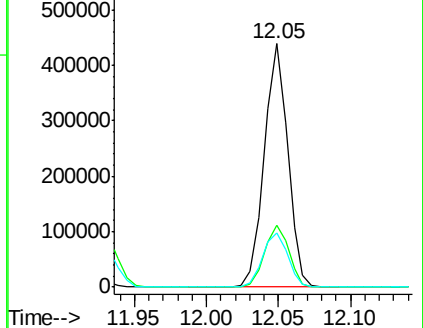
91 24.1 12.1 36.3

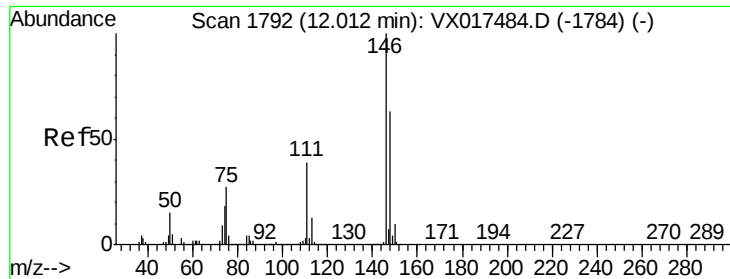


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

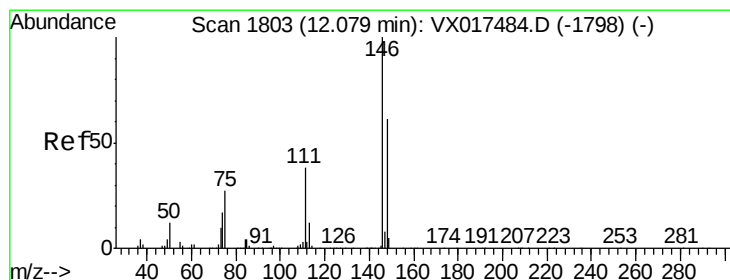
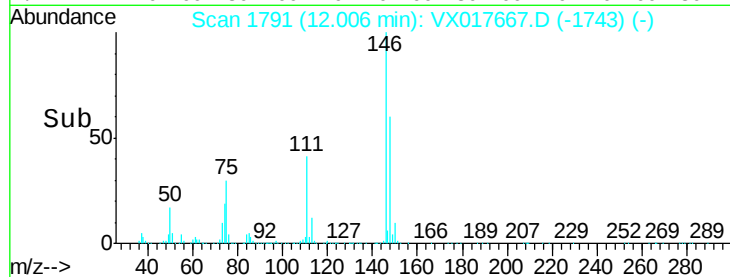
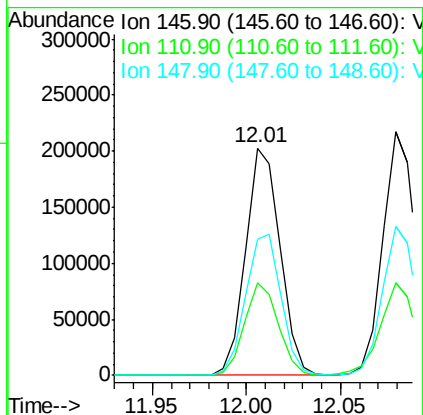
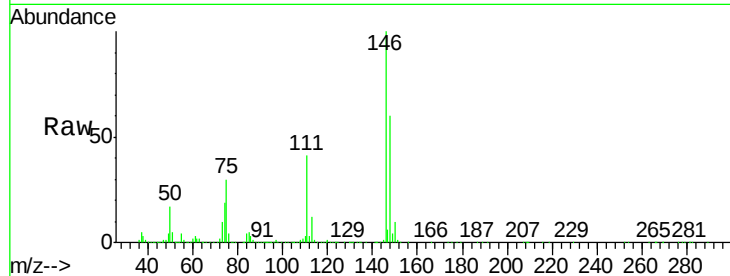




#87
 1,3-Dichlorobenzene
 Concen: 18.472 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

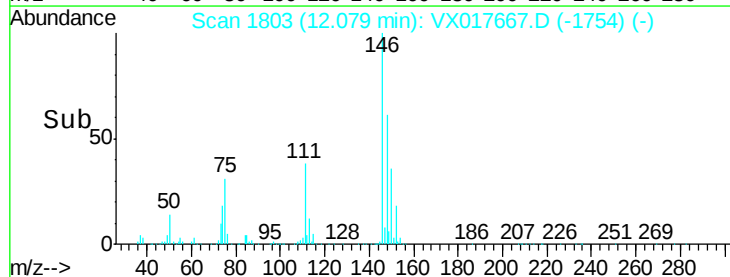
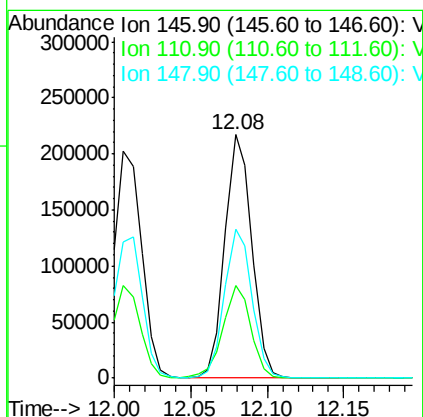
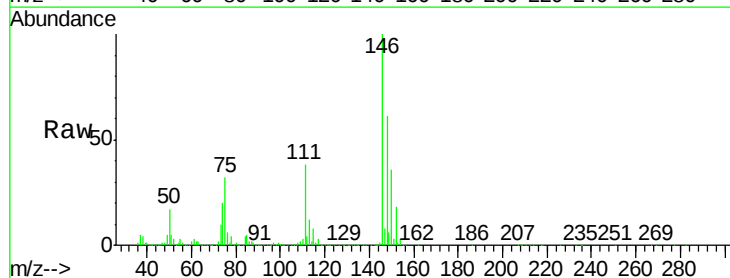
Instrument :
 MSVOA_X
 ClientSampled :

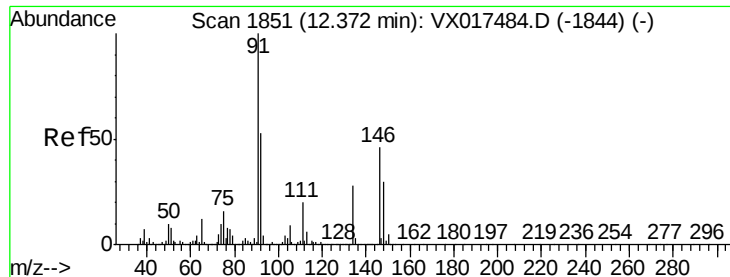
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	63.9	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.348 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.3	57.8
148	62.8	32.2	96.6

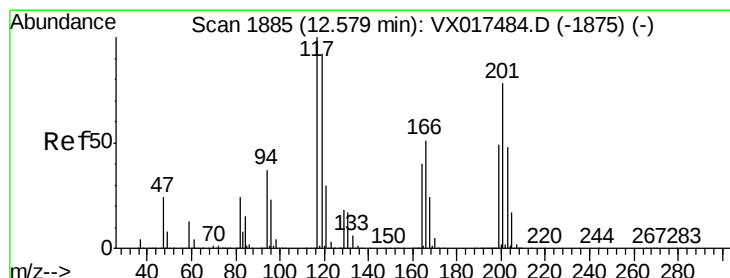
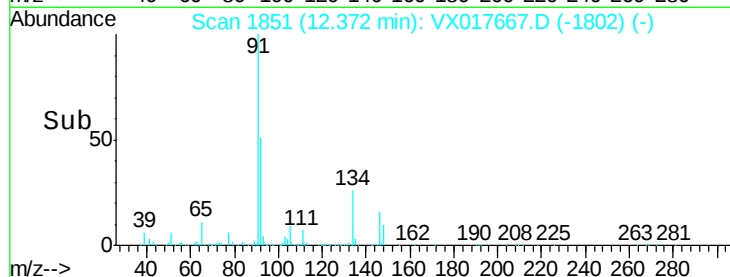
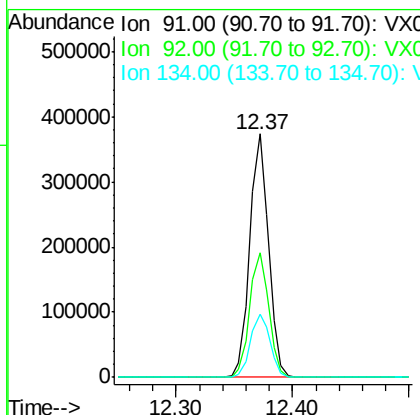
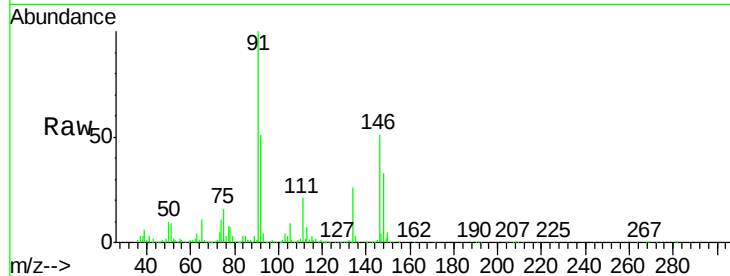




#89
n-Butylbenzene
Concen: 17.981 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

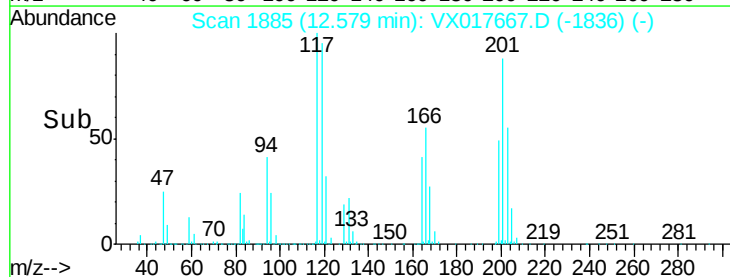
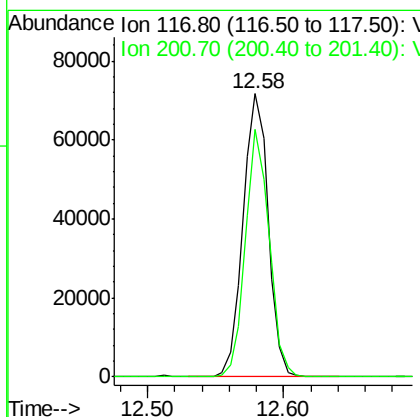
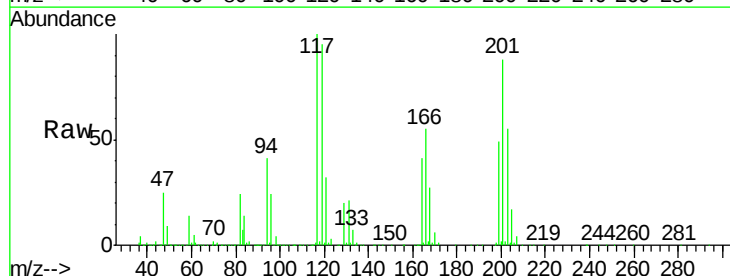
Instrument :
MSVOA_X
ClientSampleId :

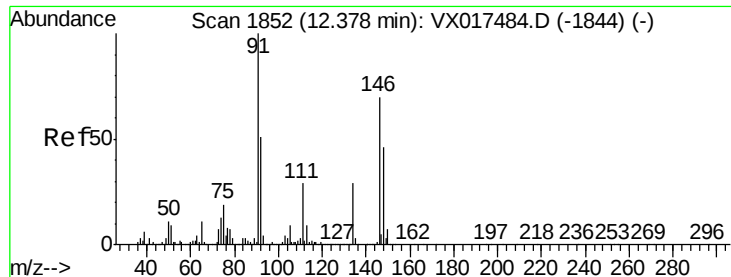
Tot Ion: 91 Resp: 421545
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 27.2 13.6 40.7



#90
Hexachloroethane
Concen: 17.871 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017667.D
Acq: 29 Jul 2020 11:40

Tgt Ion: 117 Resp: 92696
Ion Ratio Lower Upper
117 100
201 83.2 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 18.208 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017667.D

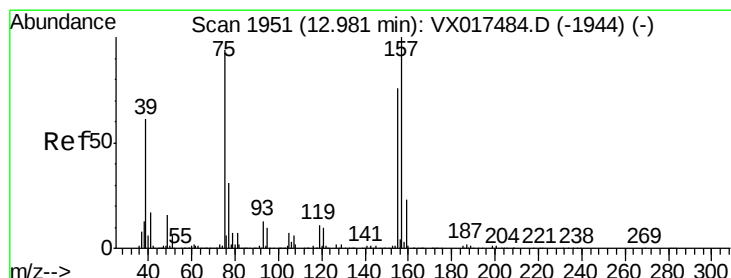
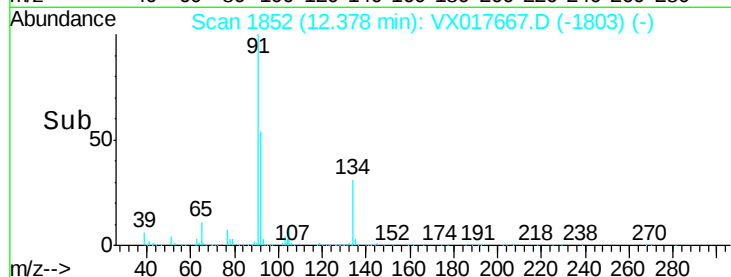
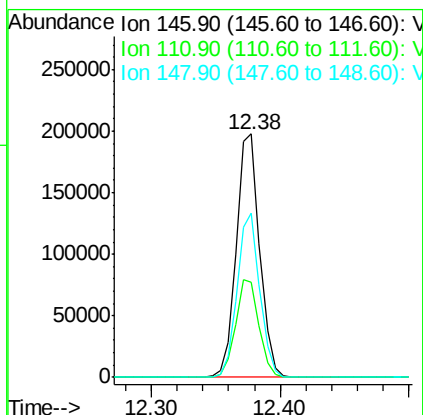
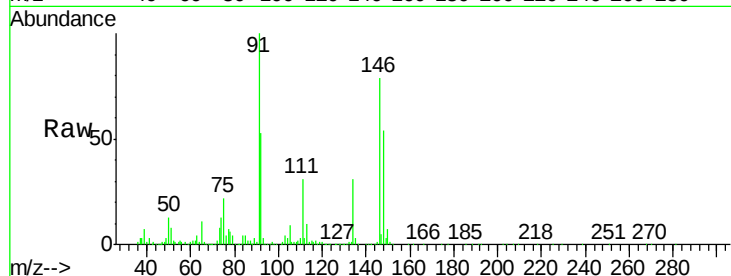
Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	249742
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.9	62.8
148	65.4	32.8	98.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.703 ug/l

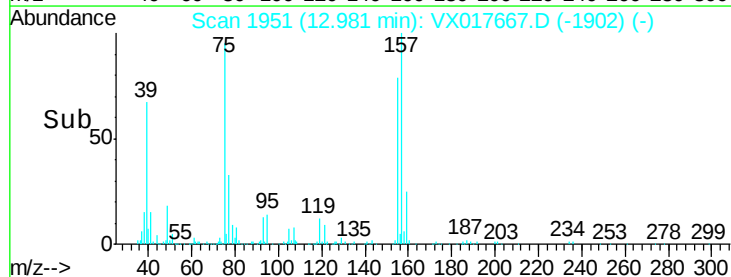
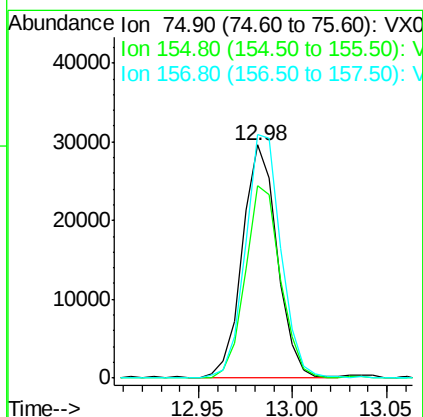
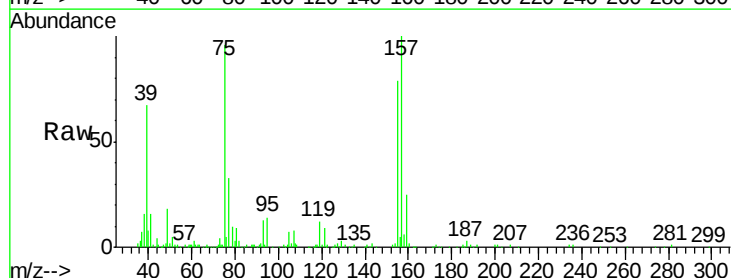
RT: 12.98 min Scan# 1951

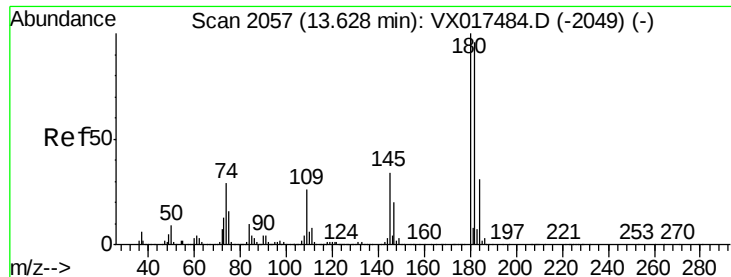
Delta R.T. 0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Tgt Ion:	75	Resp:	38164
Ion	Ratio	Lower	Upper
75	100		
155	82.8	42.3	126.8
157	105.9	54.3	162.9

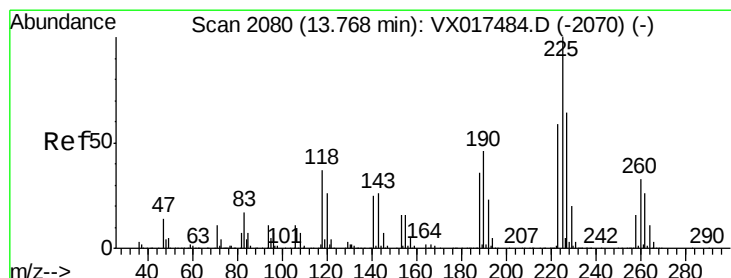
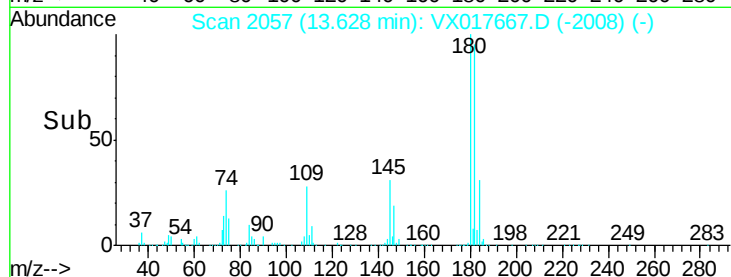
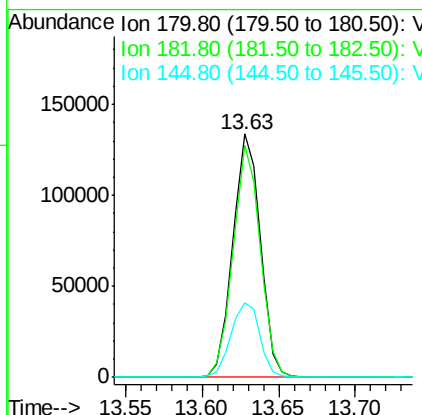
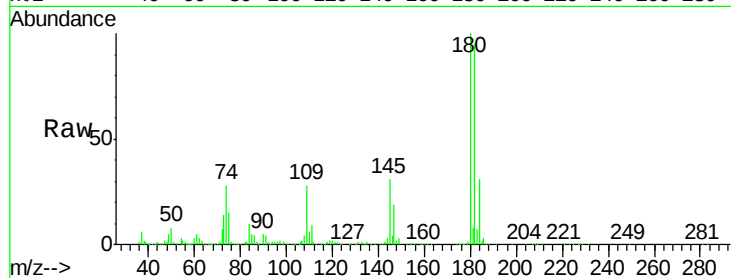




#93
 1,2,4-Trichlorobenzene
 Concen: 17.786 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

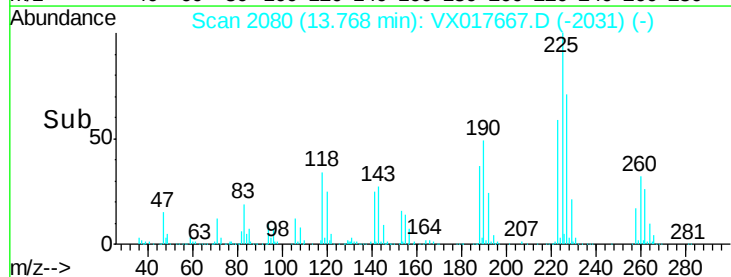
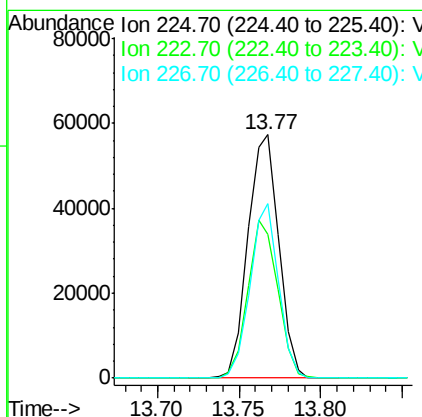
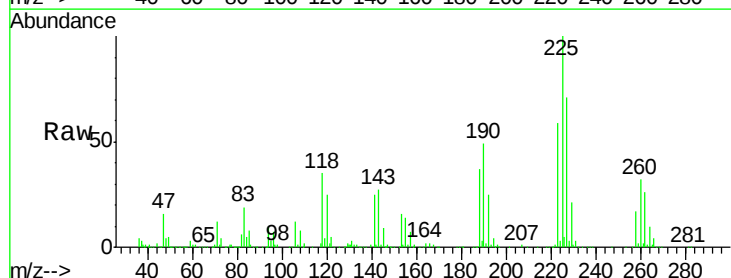
Instrument :
 MSVOA_X
 ClientSampleId :

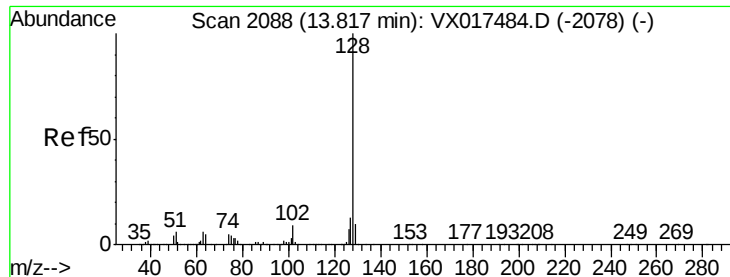
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.6
145	32.4	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 17.586 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017667.D
 Acq: 29 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.3	90.9
227	65.8	31.1	93.2





#95

Naphthalene

Concen: 17.323 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

Instrument :

MSVOA_X

ClientSampled :

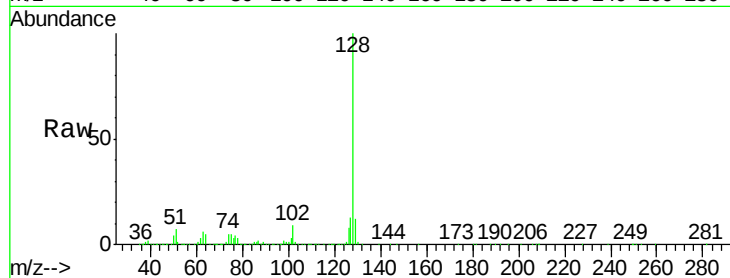
Tot Ion:128 Resp: 484091

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

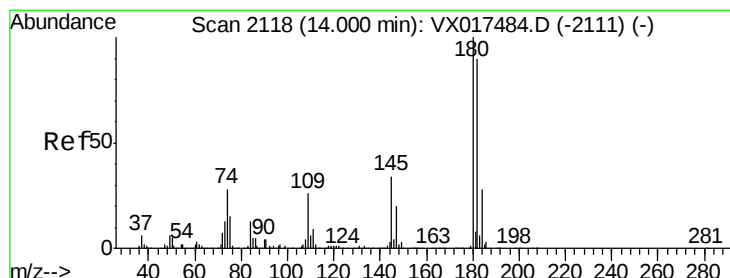
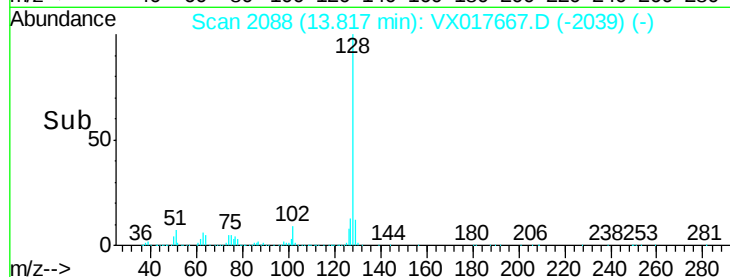
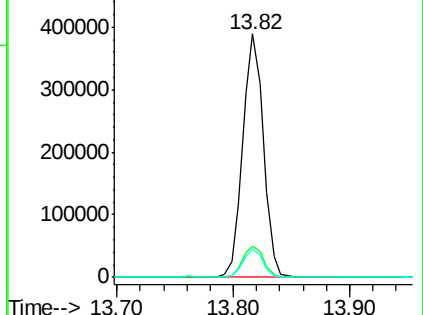
129 11.2 8.9 13.3



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: 17.698 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017667.D

Acq: 29 Jul 2020 11:40

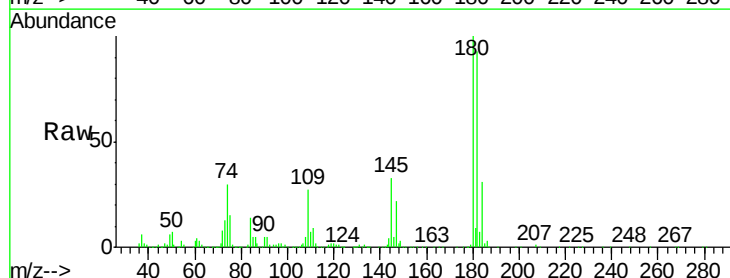
Tgt Ion:180 Resp: 163579

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.3

145 32.0 16.3 48.9



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

