

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016293.D
 Acq On : 15 May 2020 19:59
 Operator : JC/SP
 Sample : L2649-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 06:48:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	377715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170864	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	145625	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	5.47	113	118272	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.70	98	452723	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.12	95	172752	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	119437	51.666	ug/l	100
3) Chloromethane	1.31	50	132218	49.249	ug/l	100
4) Vinyl Chloride	1.39	62	273670	95.546	ug/l	100
5) Bromomethane	1.62	94	37338	25.857	ug/l	97
6) Chloroethane	1.70	64	90188	51.750	ug/l	98
7) Trichlorofluoromethane	1.91	101	190331	50.615	ug/l	99
8) Diethyl Ether	2.17	74	82110	51.824	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	98816	45.548	ug/l	97
10) Methyl Iodide	2.49	142	76716	26.325	ug/l	99
11) Tert butyl alcohol	3.02	59	202528	278.677	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115124	50.709	ug/l	98
13) Acrolein	2.27	56	169628	372.994	ug/l	99
14) Allyl chloride	2.70	41	201103	48.310	ug/l	# 91
15) Acrylonitrile	3.12	53	414256	274.771	ug/l	99
16) Acetone	2.42	43	342430	267.038	ug/l	96
17) Carbon Disulfide	2.55	76	327082	47.966	ug/l	100
18) Methyl Acetate	2.75	43	161943	51.363	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	433802	55.428	ug/l	99
20) Methylene Chloride	2.83	84	134625	50.927	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	133531	52.780	ug/l	98
22) Diisopropyl ether	3.83	45	411619	52.414	ug/l	# 87
23) Vinyl Acetate	3.79	43	1630213	235.950	ug/l	98
24) 1,1-Dichloroethane	3.67	63	236579	53.853	ug/l	98
25) 2-Butanone	4.64	43	575660	278.588	ug/l	97
26) 2,2-Dichloropropane	4.55	77	168546	42.011	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	209572	75.771	ug/l	93
28) Bromochloromethane	4.98	49	107666	53.748	ug/l	96
29) Tetrahydrofuran	5.09	42	375513	274.264	ug/l	96
30) Chloroform	5.18	83	239554	54.767	ug/l	100
31) Cyclohexane	5.55	56	181754	45.524	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	212047	53.333	ug/l	98
36) 1,1-Dichloropropene	5.78	75	175252	47.135	ug/l	100
37) Ethyl Acetate	4.79	43	193548	44.913	ug/l	98
38) Carbon Tetrachloride	5.76	117	184838	48.910	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	150756	33.669	ug/l	97
40) Benzene	6.12	78	548404	50.410	ug/l	99
41) Methacrylonitrile	5.01	41	115727	49.727	ug/l	98
42) 1,2-Dichloroethane	6.17	62	190782	48.682	ug/l	99
43) Isopropyl Acetate	6.42	43	320536	46.618	ug/l	98
44) Trichloroethene	7.19	130	164459	42.552	ug/l	97
45) 1,2-Dichloropropane	7.49	63	142050	51.603	ug/l	99
46) Dibromomethane	7.64	93	94925	50.744	ug/l	99
47) Bromodichloromethane	7.88	83	198896	52.205	ug/l	98
48) Methyl methacrylate	7.74	41	161227	49.486	ug/l	93
49) 1,4-Dioxane	7.71	88	82567	1056.671	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1103689	262.312	ug/l	97
52) Toluene	8.77	92	344191	50.758	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	221869	48.842	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	232749	49.054	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	143209	53.679	ug/l	99
56) Ethyl methacrylate	9.16	69	233325	53.578	ug/l	93
57) 1,3-Dichloropropane	9.35	76	242061	51.998	ug/l	100
59) 2-Hexanone	9.48	43	865183	261.837	ug/l	96
60) Dibromochloromethane	9.57	129	160109	54.490	ug/l	100
61) 1,2-Dibromoethane	9.65	107	151666	52.483	ug/l	100
64) Tetrachloroethene	9.32	164	154312	36.000	ug/l	95
65) Chlorobenzene	10.12	112	364960	49.918	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	143370	53.055	ug/l	99
67) Ethyl Benzene	10.24	91	641226	49.155	ug/l	99
68) m/p-Xylenes	10.34	106	478086	97.818	ug/l	99
69) o-Xylene	10.68	106	234128	49.835	ug/l	99
70) Styrene	10.70	104	415366	52.115	ug/l	100
71) Bromoform	10.84	173	121513	55.192	ug/l #	97
73) Isopropylbenzene	11.01	105	588194	47.329	ug/l	99
74) N-amyl acetate	10.88	43	269647	46.517	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	196072	75.581	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	268766	69.318	ug/l	84
77) Bromobenzene	11.24	156	161957	50.489	ug/l	99
78) n-propylbenzene	11.34	91	658527	45.549	ug/l	100
79) 2-Chlorotoluene	11.40	91	419749	49.186	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	482754	46.007	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	77549	47.663	ug/l	96
82) 4-Chlorotoluene	11.49	91	493304	48.951	ug/l	100
83) tert-Butylbenzene	11.76	119	422121	46.680	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	494390	46.604	ug/l	100
85) sec-Butylbenzene	11.93	105	484009	39.642	ug/l	99
86) p-Isopropyltoluene	12.05	119	447183	39.448	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	267148	46.382	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	274139	46.894	ug/l	98
89) n-Butylbenzene	12.37	91	361276	34.886	ug/l	100
90) Hexachloroethane	12.58	117	80600	41.400	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	264785	47.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54595	53.426	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	162352	39.540	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	48694	27.776	ug/l	99
95) Naphthalene	13.82	128	639300	48.084	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	161937	40.354	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

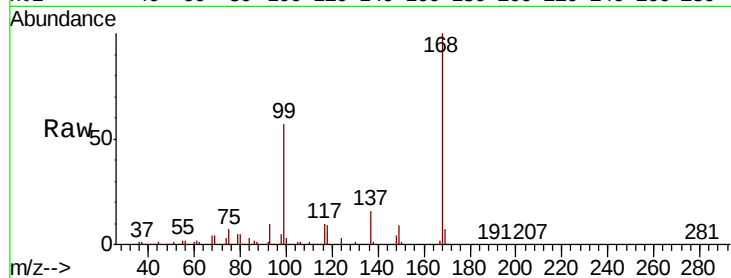
ClientSampleId :

Tot Ion:168 Resp: 218402

Ion Ratio Lower Upper

168 100

99 56.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

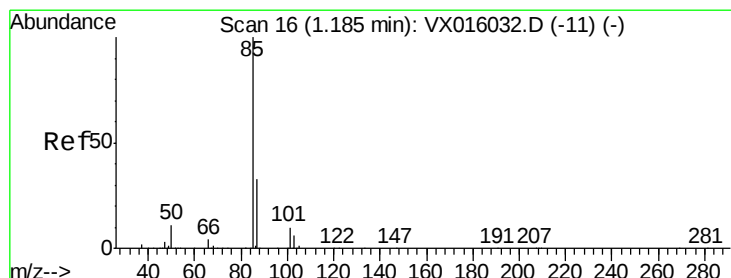
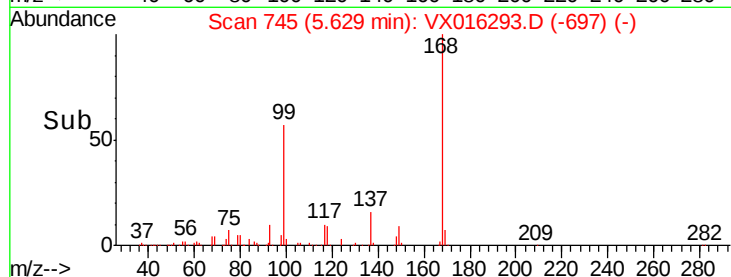
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.666 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016293.D

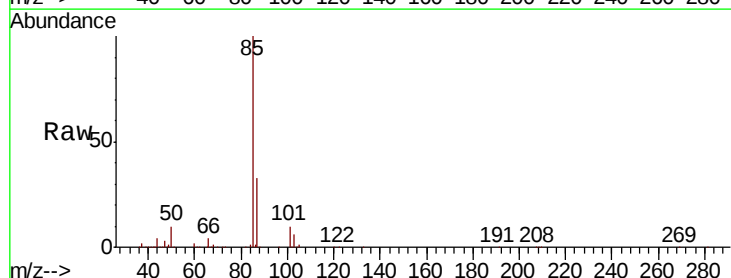
Acq: 15 May 2020 19:59

Tgt Ion: 85 Resp: 119437

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

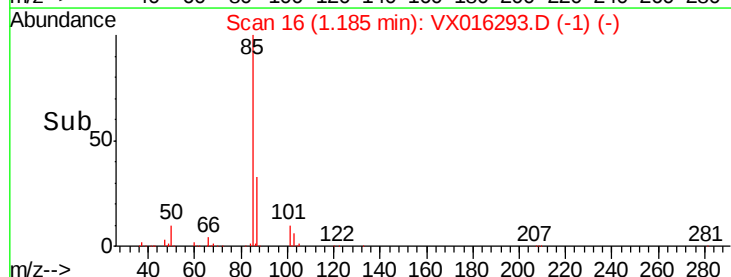
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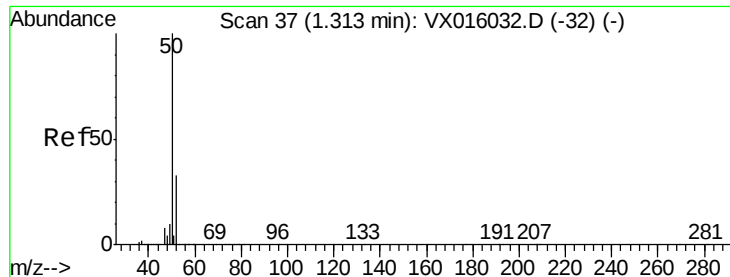
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 49.249 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

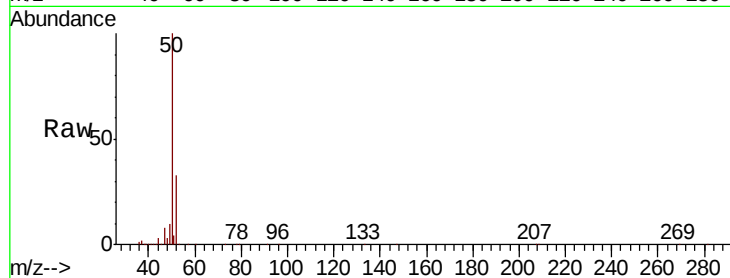
ClientSampleId :

Tot Ion: 50 Resp: 132218

Ion Ratio Lower Upper

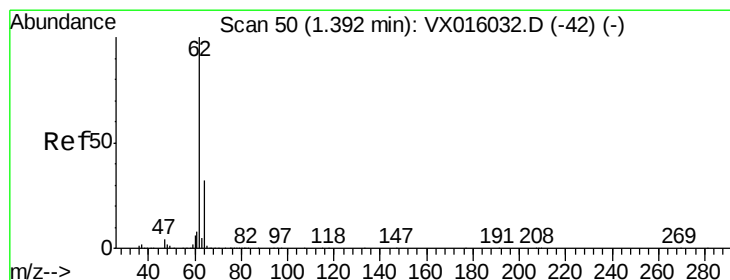
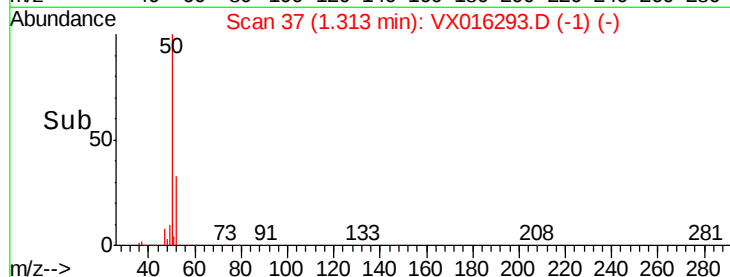
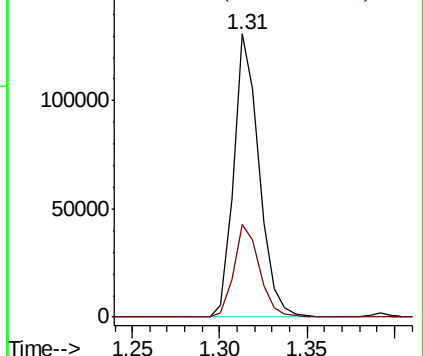
50 100

52 32.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 95.546 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016293.D

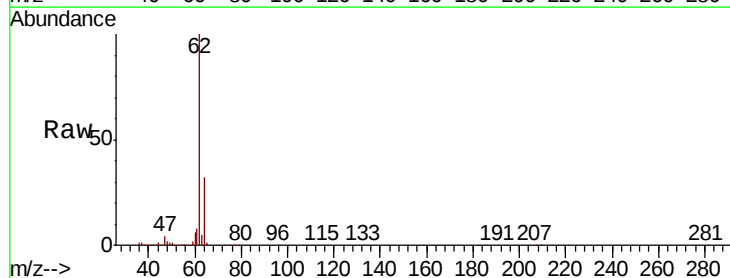
Acq: 15 May 2020 19:59

Tgt Ion: 62 Resp: 273670

Ion Ratio Lower Upper

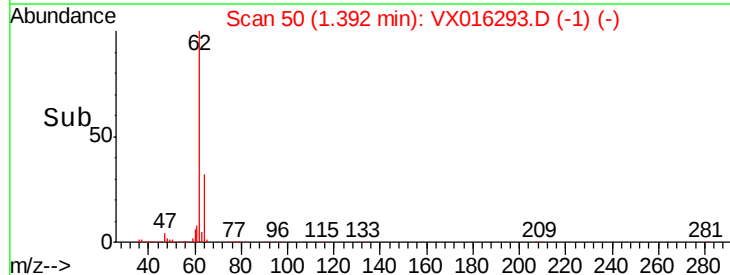
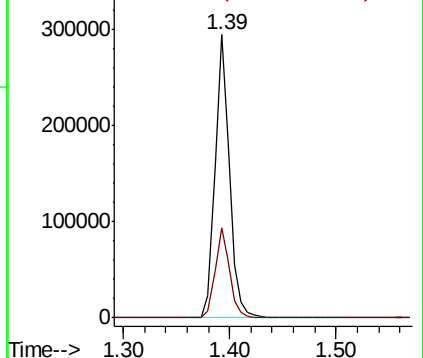
62 100

64 31.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.857 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

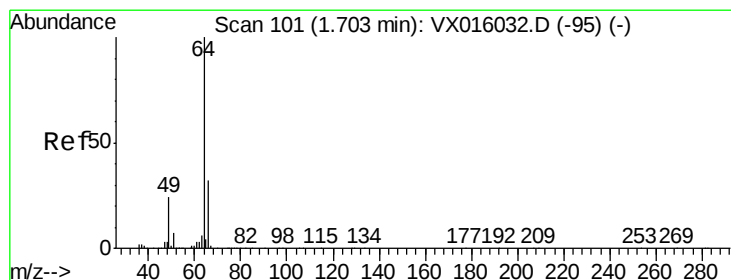
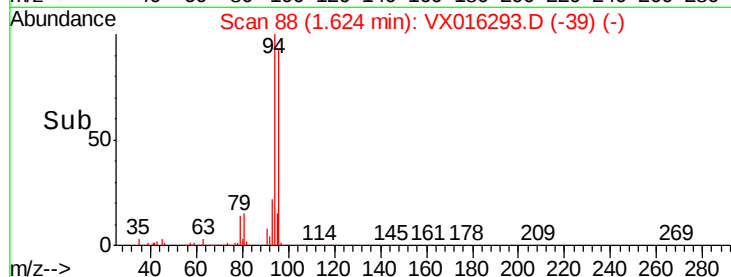
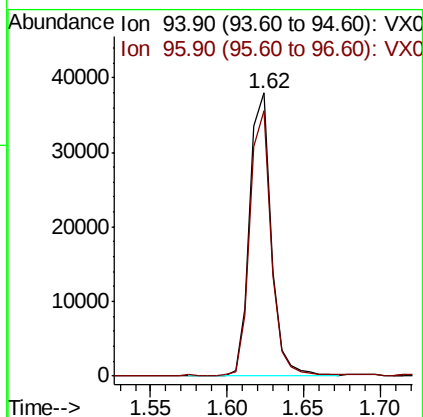
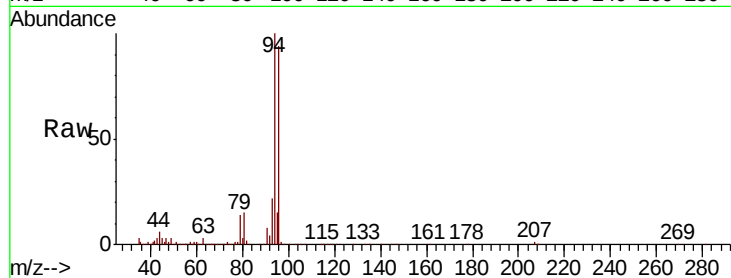
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 37338

Ion Ratio Lower Upper

94 100

96 93.2 76.9 115.3



#6

Chloroethane

Concen: 51.750 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016293.D

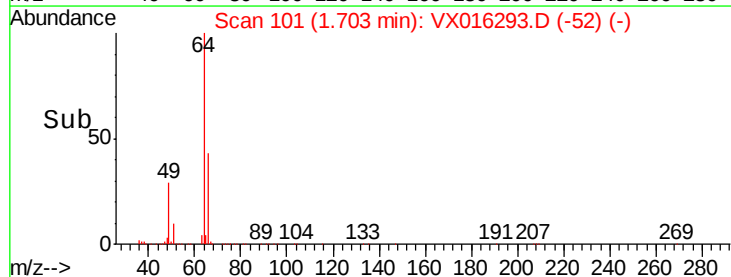
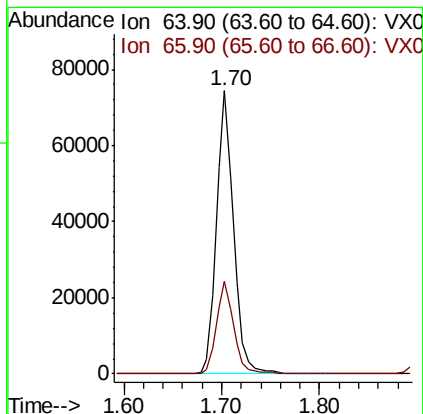
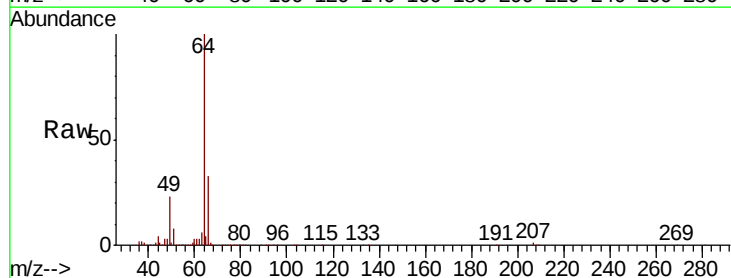
Acq: 15 May 2020 19:59

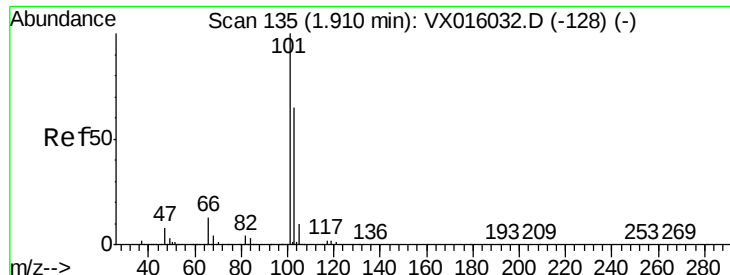
Tgt Ion: 64 Resp: 90188

Ion Ratio Lower Upper

64 100

66 32.6 25.2 37.8



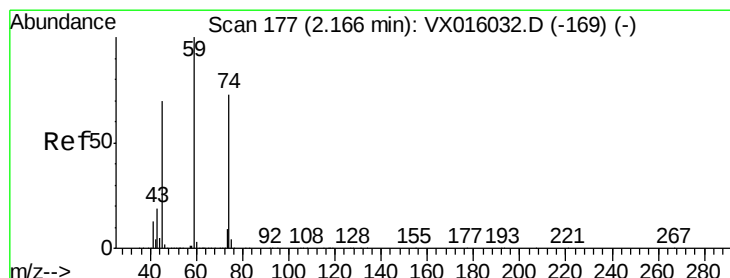
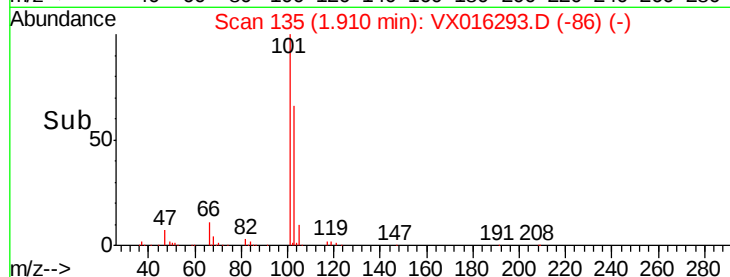
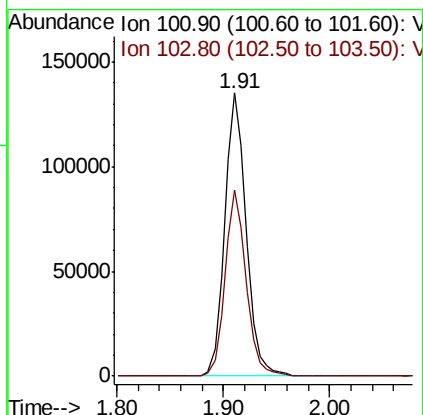
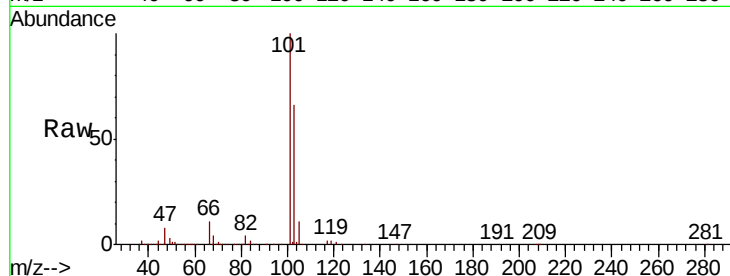


#7

Trichlorofluoromethane
Concen: 50.615 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
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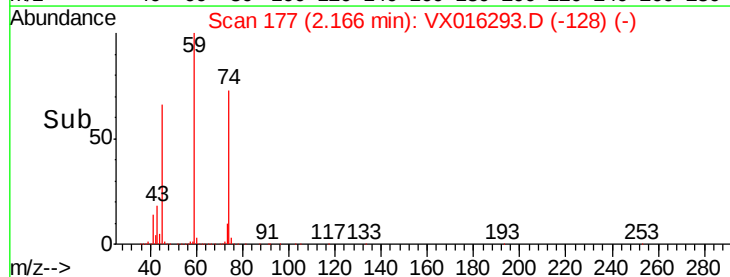
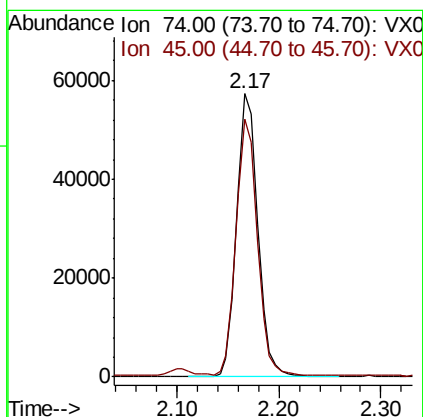
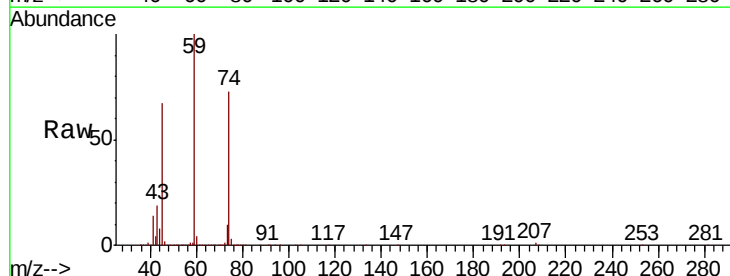
Tot Ion:101 Resp: 190331
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.6

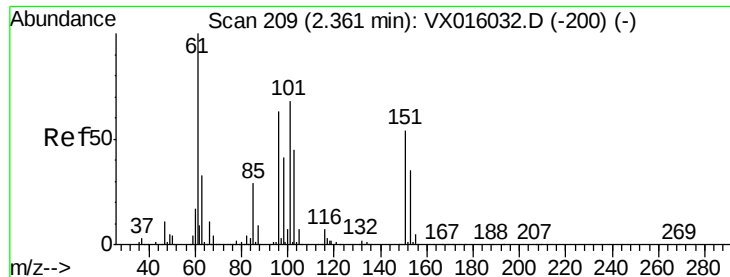


#8

Diethyl Ether
Concen: 51.824 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 74 Resp: 82110
Ion Ratio Lower Upper
74 100
45 90.4 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.548 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

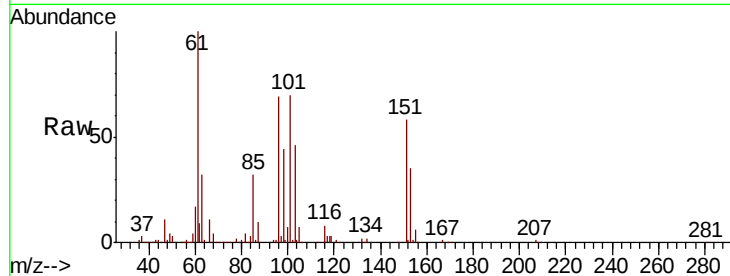
Tot Ion:101 Resp: 98816

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.4

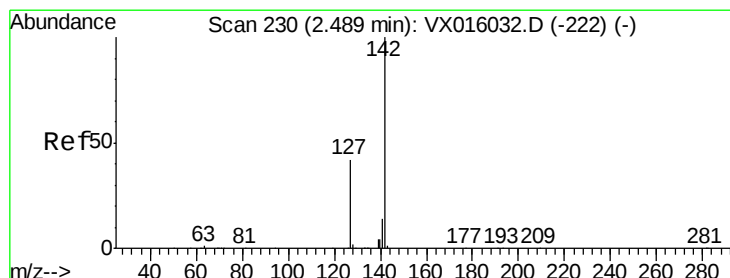
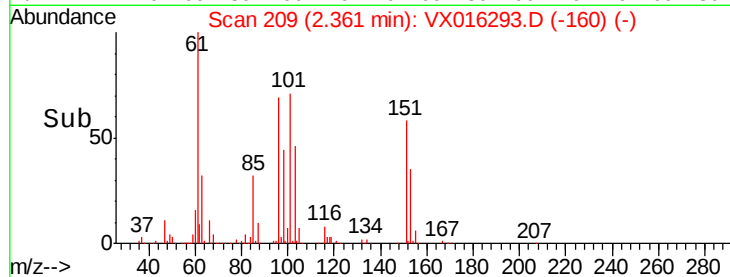
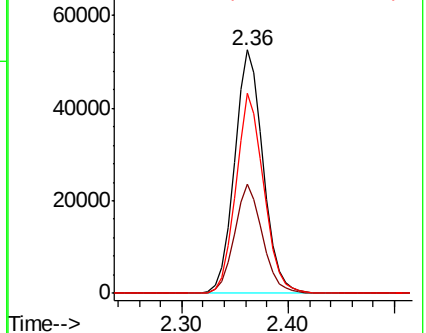
151 80.4 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 26.325 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

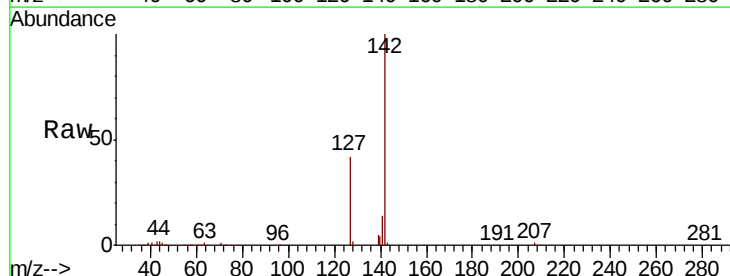
Tgt Ion:142 Resp: 76716

Ion Ratio Lower Upper

142 100

127 42.4 34.6 52.0

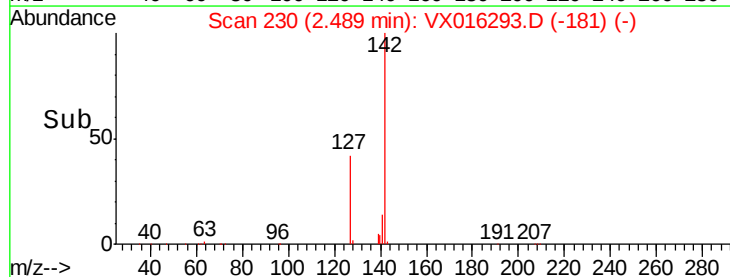
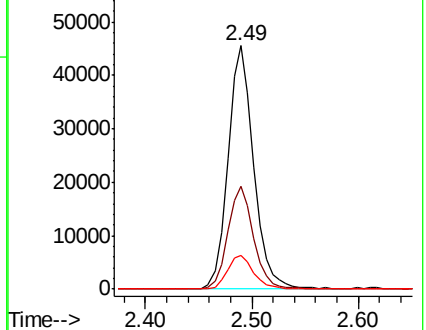
141 13.9 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

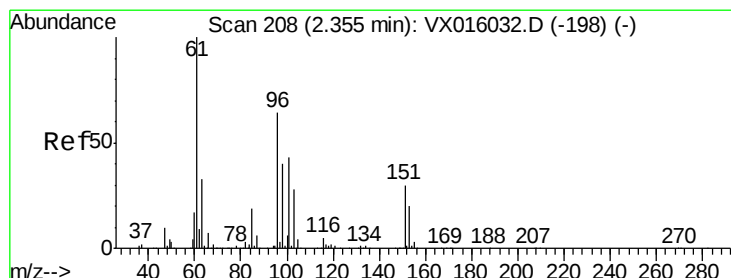
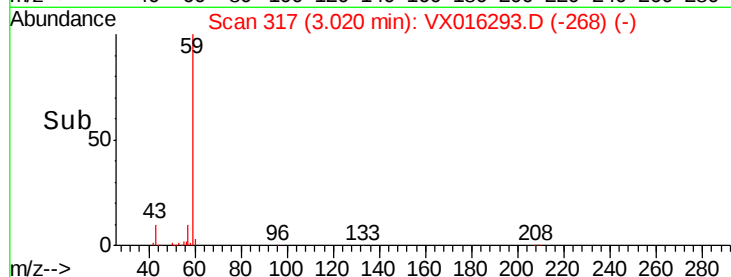
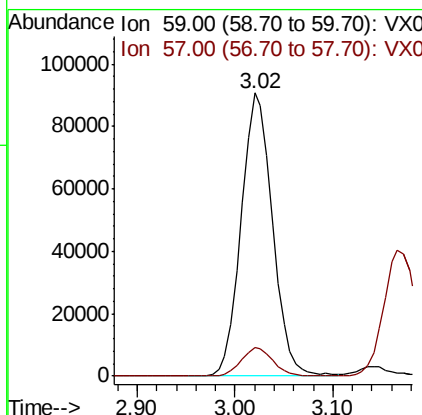
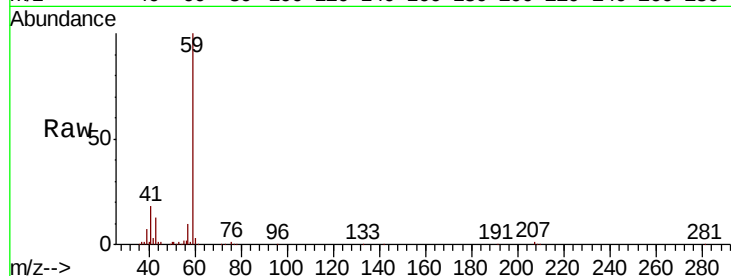




#11
Tert butyl alcohol
Concen: 278.677 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

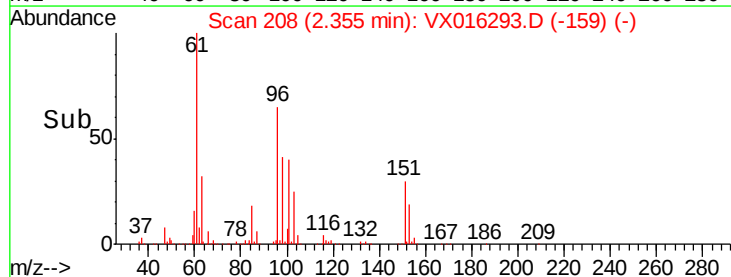
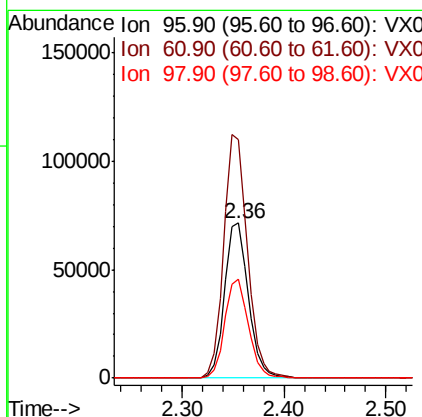
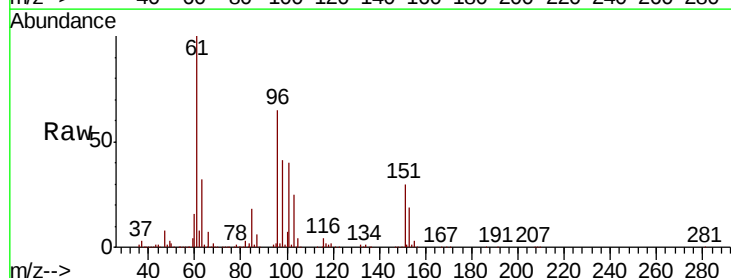
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 202528
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.709 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 96 Resp: 115124
Ion Ratio Lower Upper
96 100
61 154.1 124.8 187.2
98 63.5 49.7 74.5

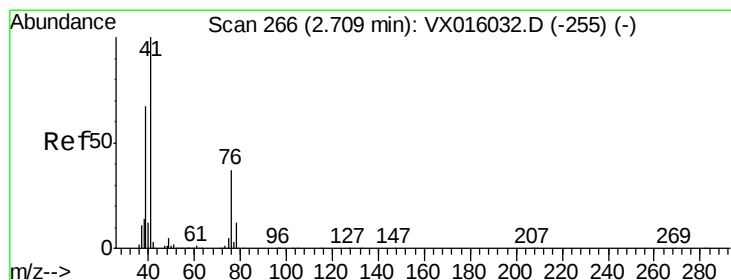
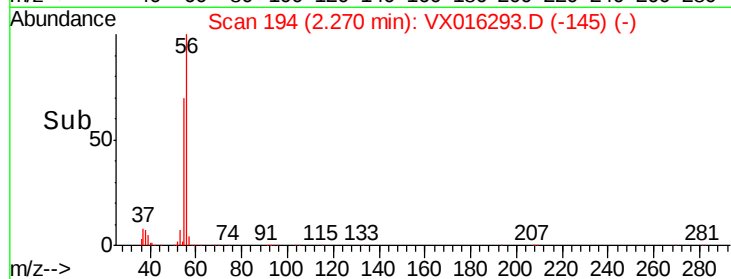
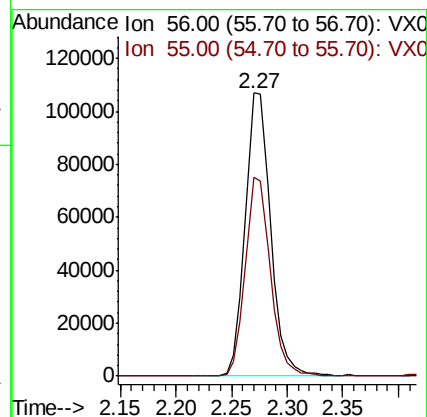
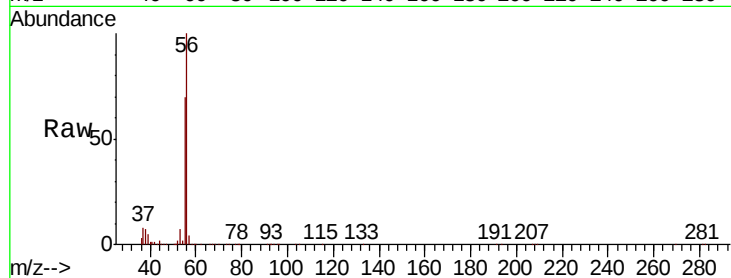




#13
Acrolein
Concen: 372.994 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

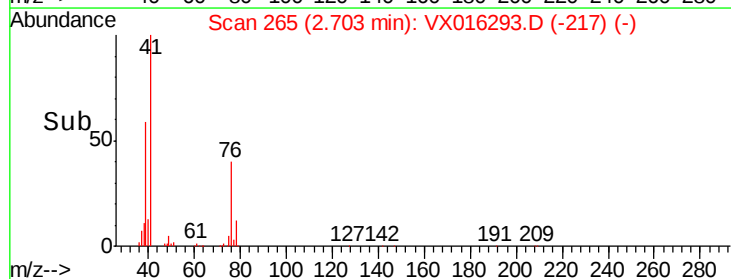
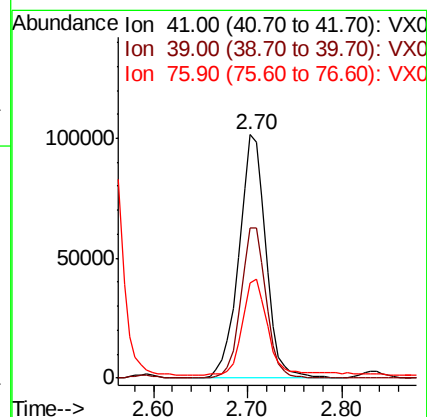
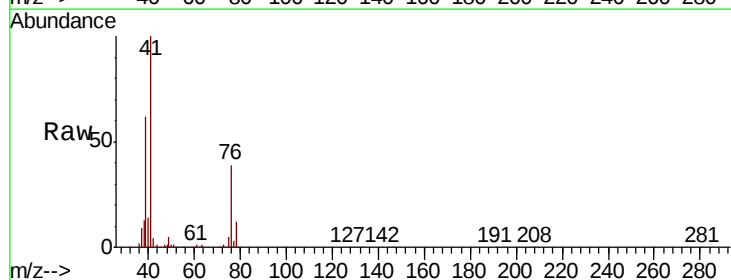
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 169628
Ion Ratio Lower Upper
56 100
55 69.6 56.5 84.7



#14
Allyl chloride
Concen: 48.310 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 41 Resp: 201103
Ion Ratio Lower Upper
41 100
39 58.0 50.5 75.7
76 40.9 26.6 40.0#





#15

Acrylonitrile

Concen: 274.771 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampled :

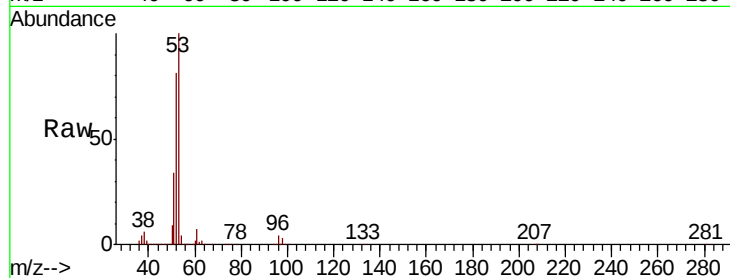
Tot Ion: 53 Resp: 414256

Ion Ratio Lower Upper

53 100

52 82.0 66.1 99.1

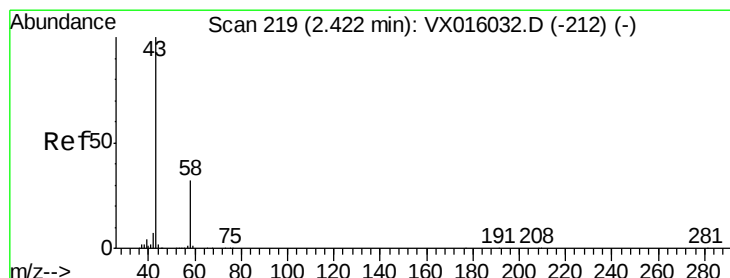
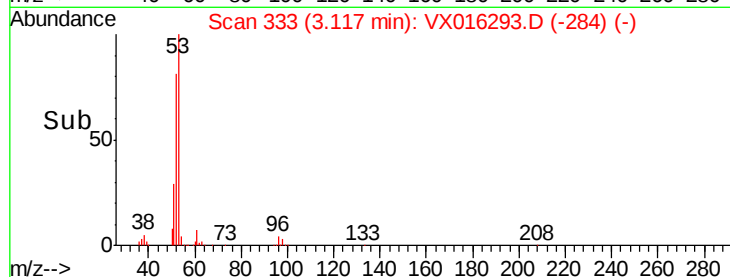
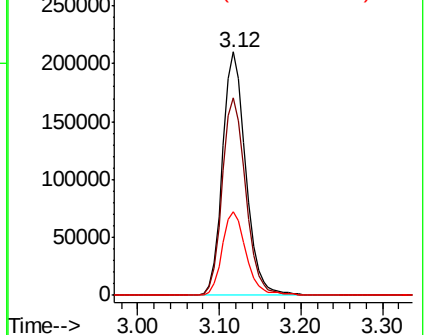
51 35.1 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 267.038 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016293.D

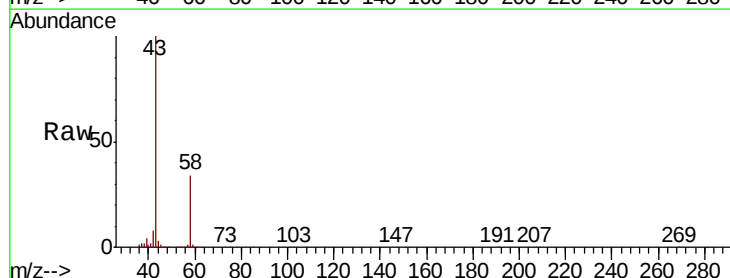
Acq: 15 May 2020 19:59

Tgt Ion: 43 Resp: 342430

Ion Ratio Lower Upper

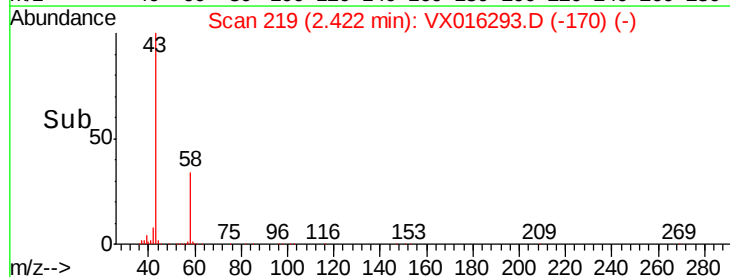
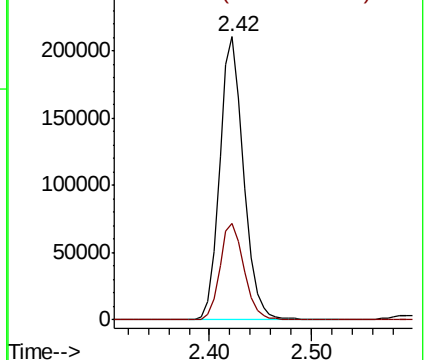
43 100

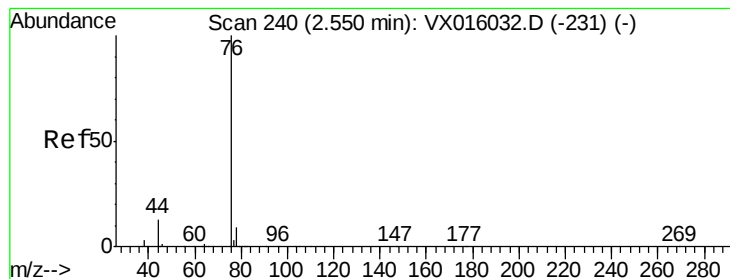
58 33.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.966 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

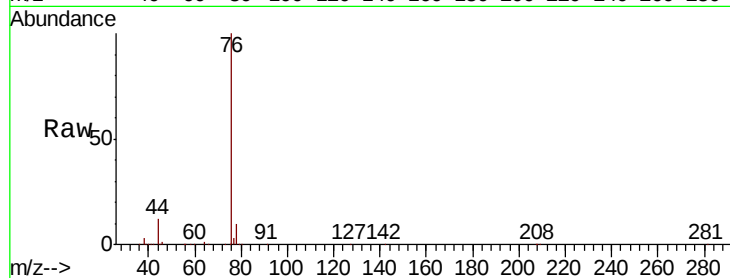
ClientSampleId :

Tot Ion: 76 Resp: 327082

Ion Ratio Lower Upper

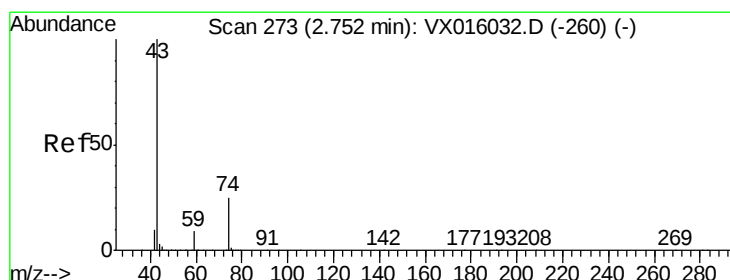
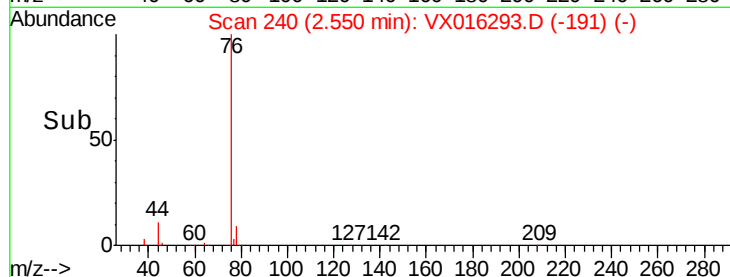
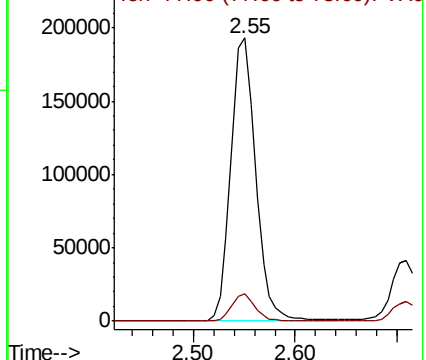
76 100

78 9.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.363 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016293.D

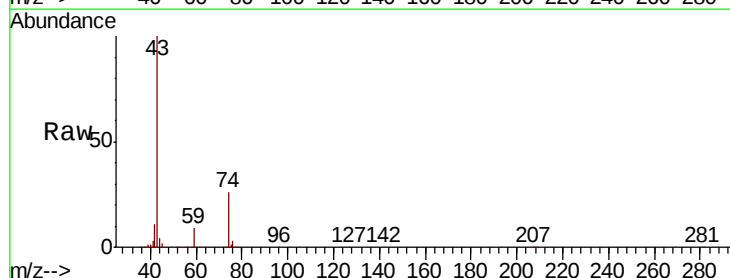
Acq: 15 May 2020 19:59

Tgt Ion: 43 Resp: 161943

Ion Ratio Lower Upper

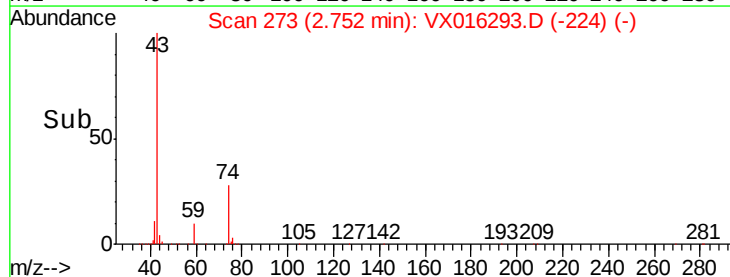
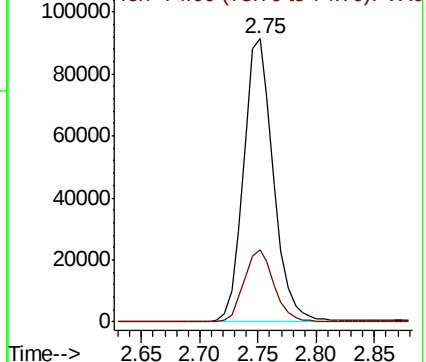
43 100

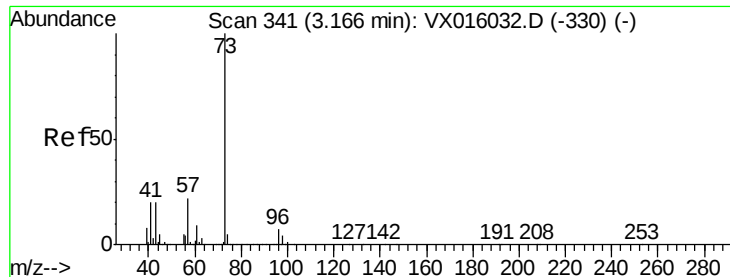
74 26.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



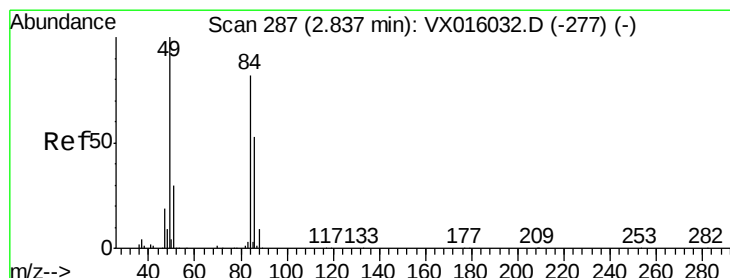
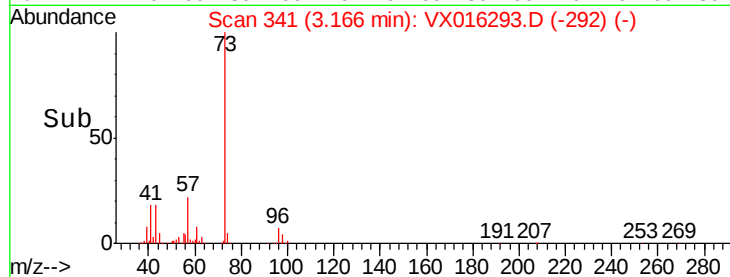
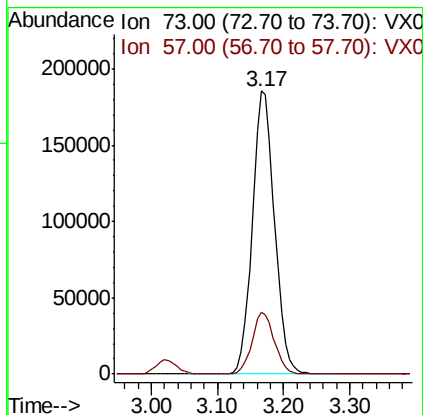
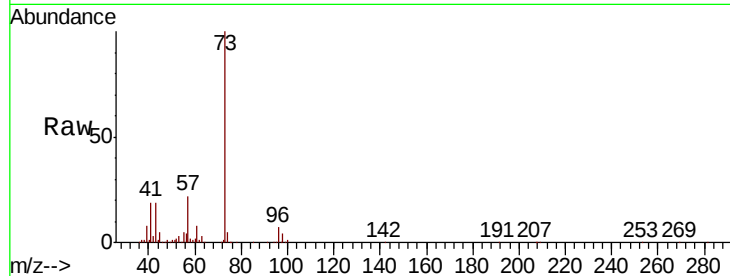


#19

Methyl tert-butyl Ether
 Concen: 55.428 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :

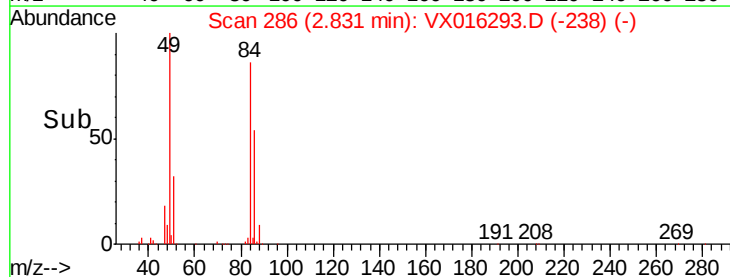
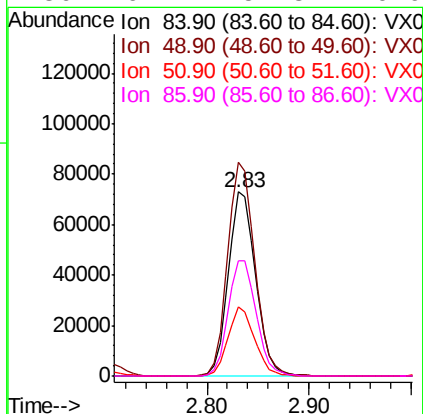
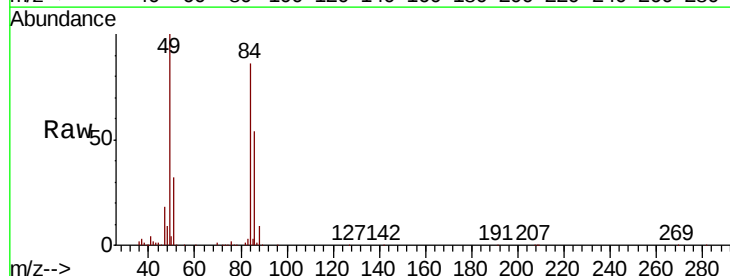
Tot Ion: 73 Resp: 433802
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.8 26.6



#20

Methylene Chloride
 Concen: 50.927 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion: 84 Resp: 134625
 Ion Ratio Lower Upper
 84 100
 49 116.0 97.3 145.9
 51 37.3 29.3 43.9
 86 62.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 52.780 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

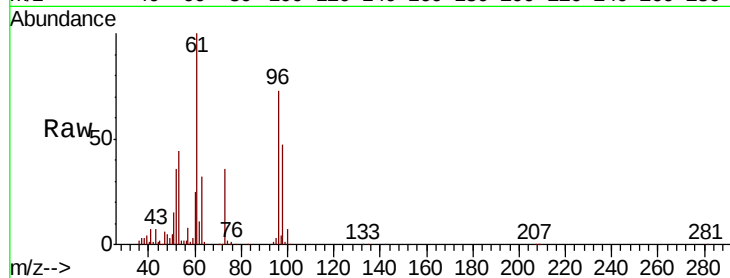
Tot Ion: 96 Resp: 133531

Ion Ratio Lower Upper

96 100

61 137.0 111.2 166.8

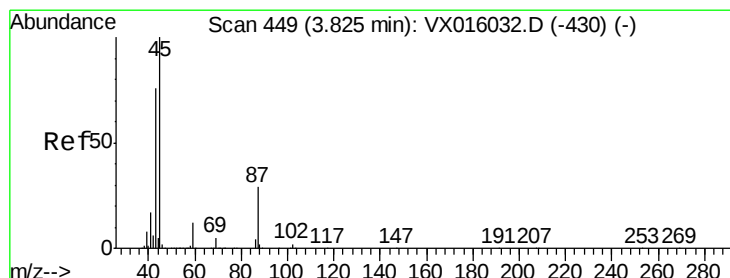
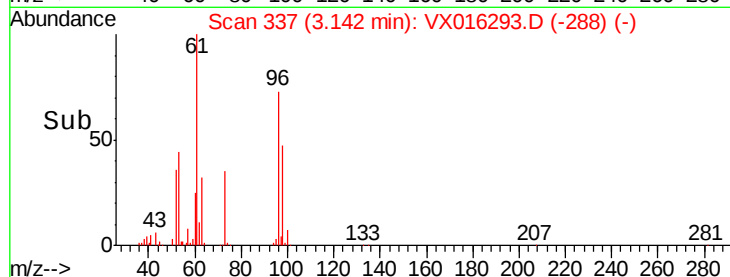
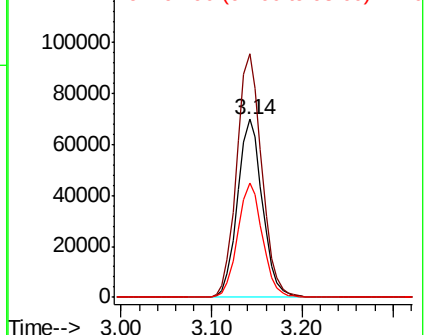
98 64.0 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.414 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Tgt Ion: 45 Resp: 411619

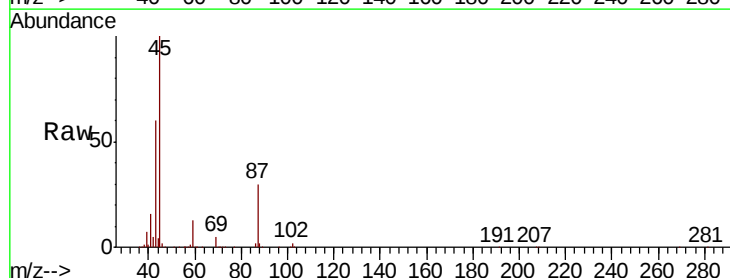
Ion Ratio Lower Upper

45 100

43 59.8 61.1 91.7#

87 30.1 23.0 34.6

59 12.5 9.8 14.6

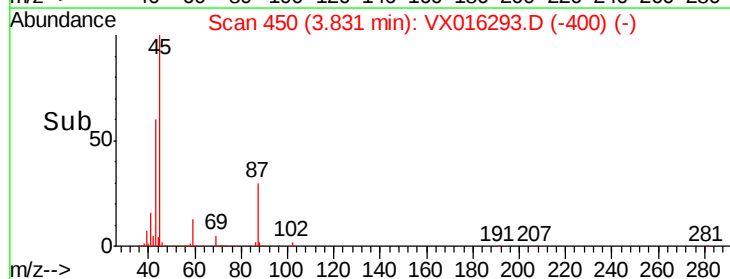
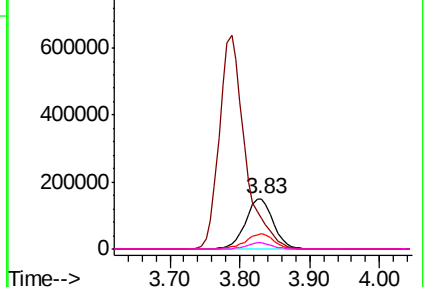


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 235.950 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

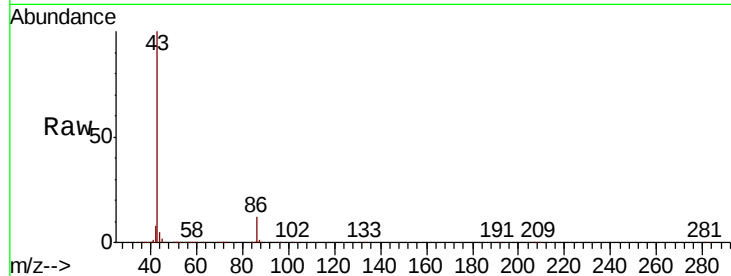
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1630213

Ion Ratio Lower Upper

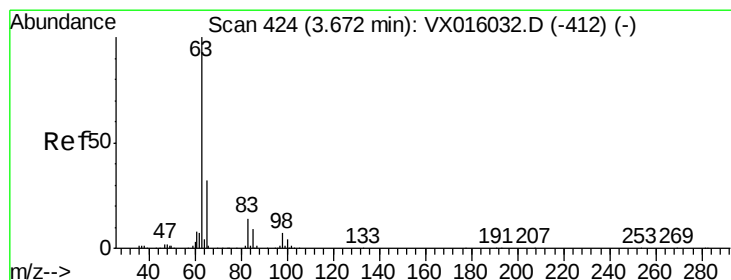
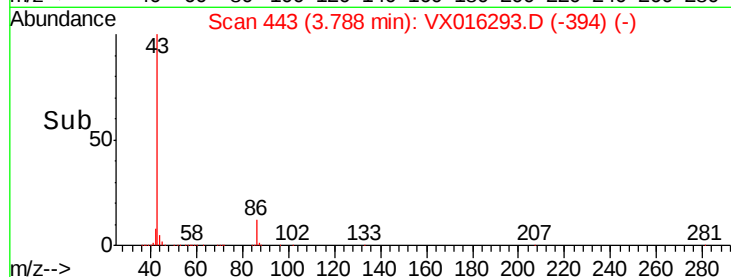
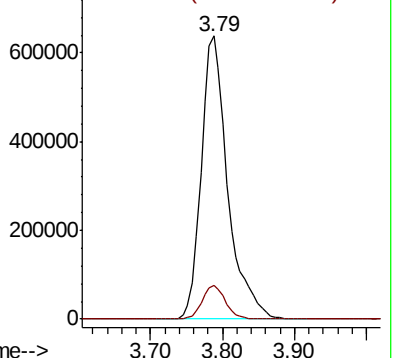
43 100

86 11.9 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.853 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

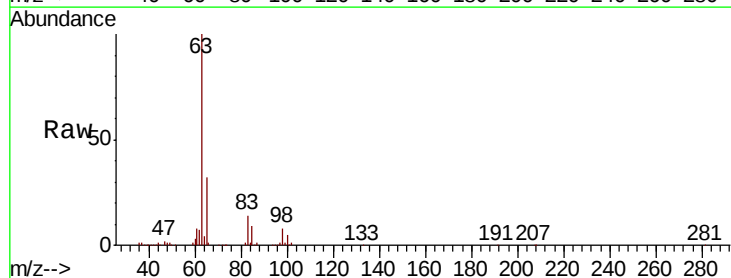
Tgt Ion: 63 Resp: 236579

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

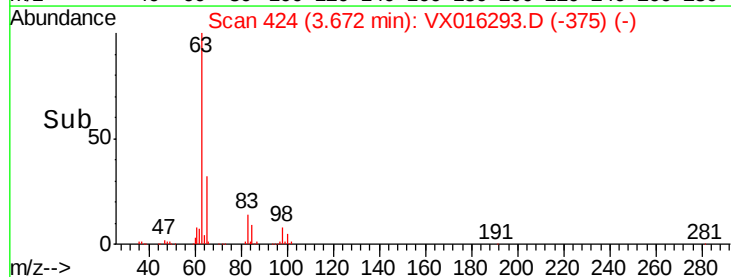
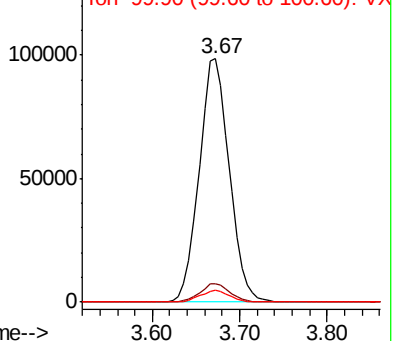
100 5.1 2.1 6.5

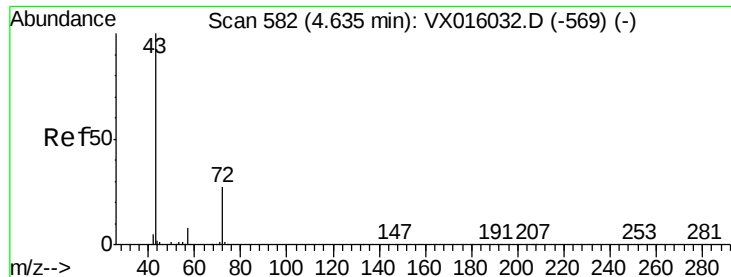


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 278.588 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

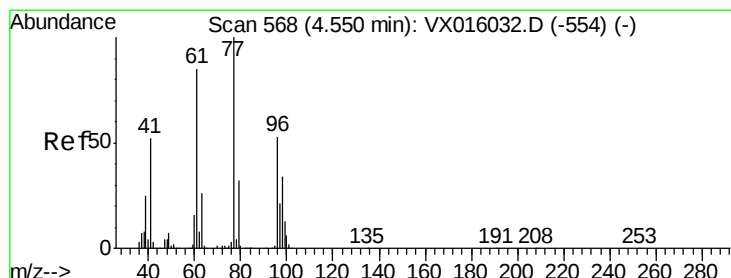
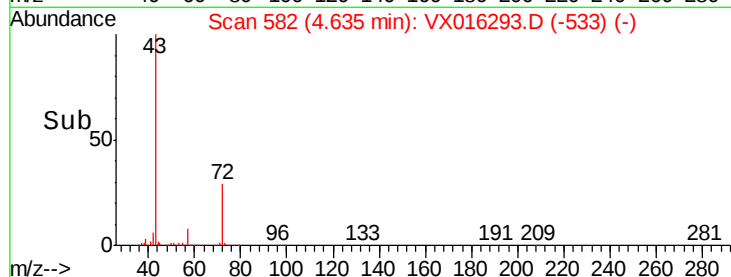
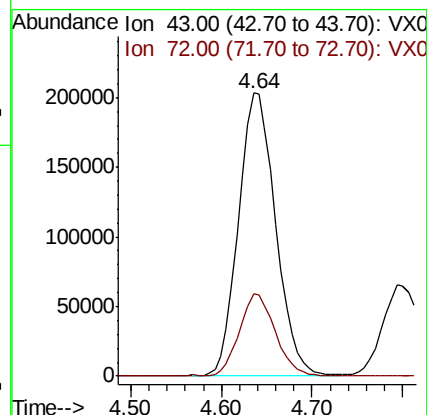
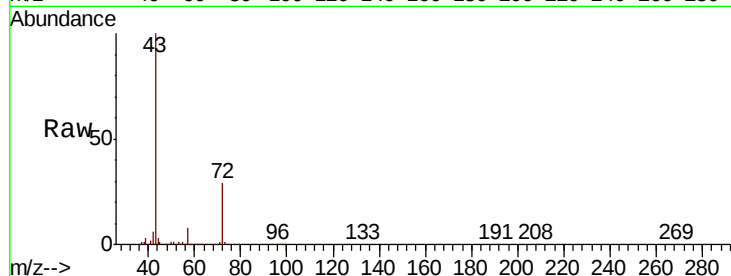
ClientSampleId :

Tot Ion: 43 Resp: 575660

Ion Ratio Lower Upper

43 100

72 28.9 21.8 32.8



#26

2,2-Dichloropropane

Concen: 42.011 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016293.D

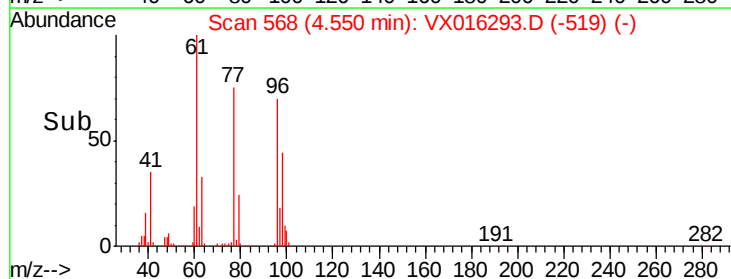
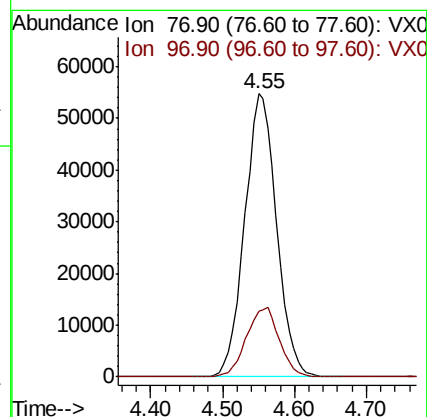
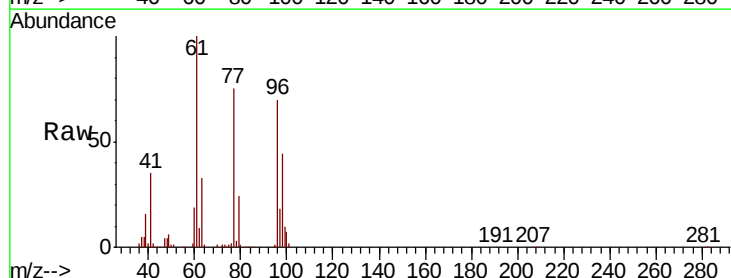
Acq: 15 May 2020 19:59

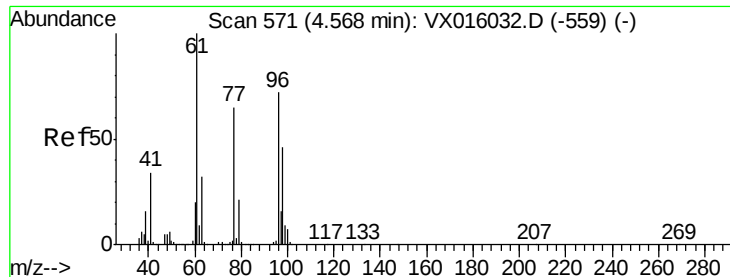
Tgt Ion: 77 Resp: 168546

Ion Ratio Lower Upper

77 100

97 25.2 11.2 33.6



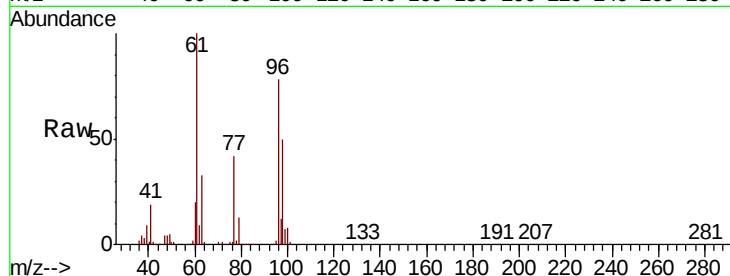


#27

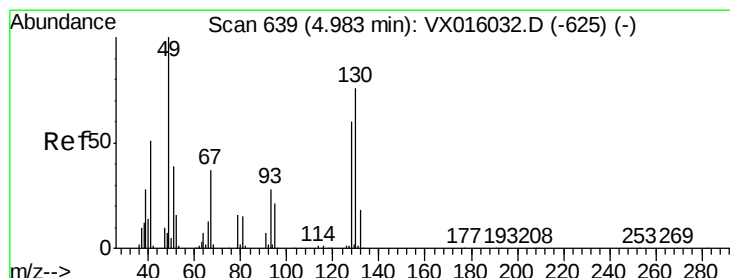
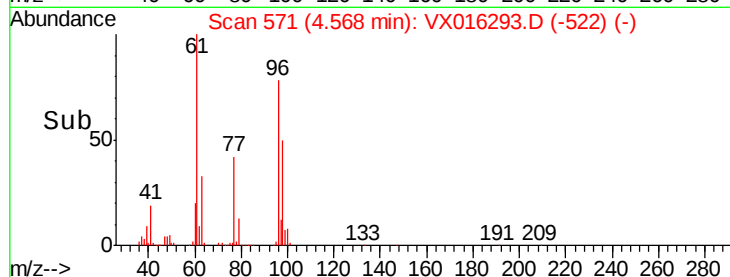
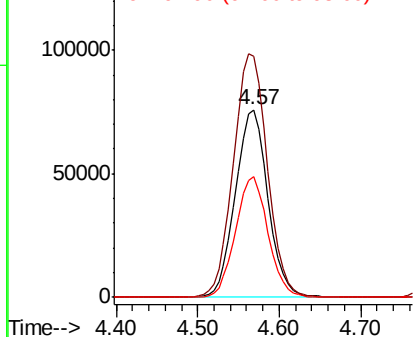
cis-1,2-Dichloroethene
Concen: 75.771 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	296.2
98	64.4	0.0	129.4



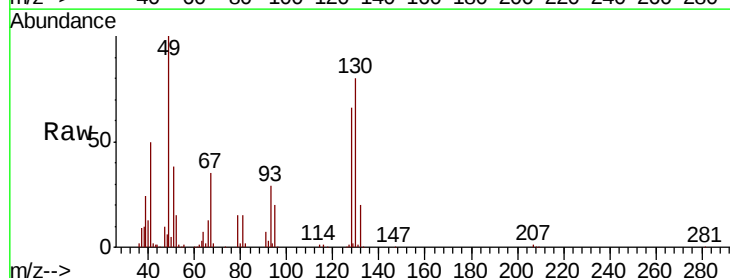
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



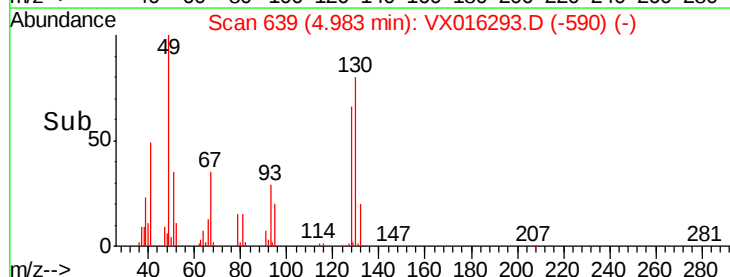
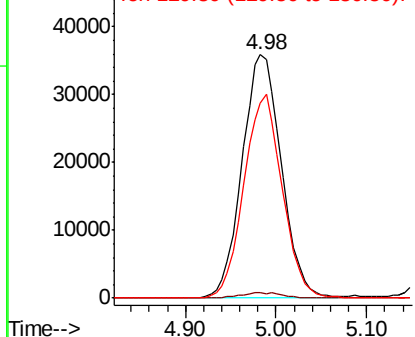
#28

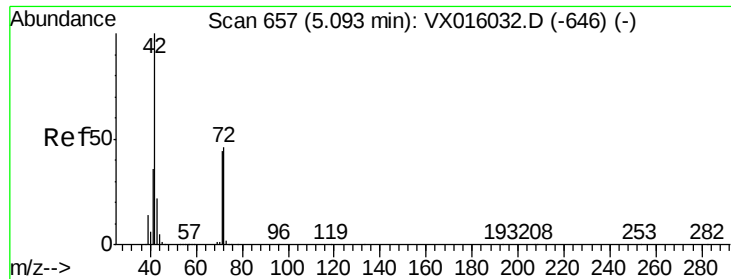
Bromochloromethane
Concen: 53.748 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	81.4	62.4	93.6



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: 274.264 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

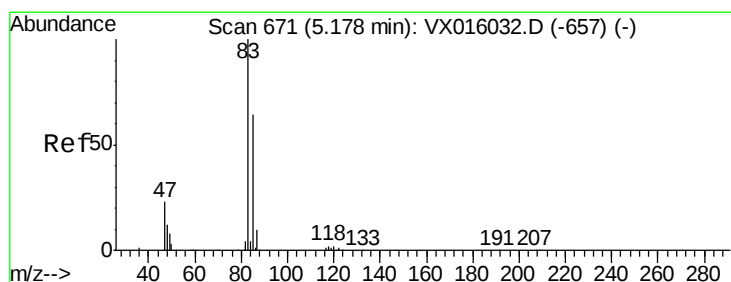
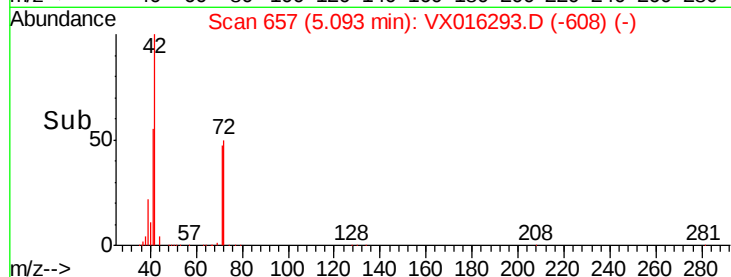
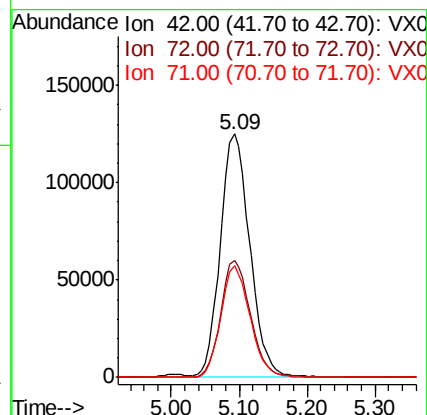
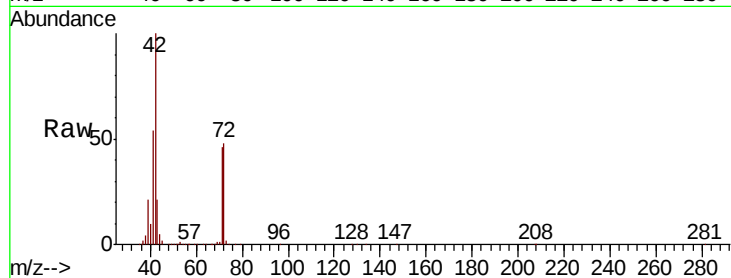
Tot Ion: 42 Resp: 375513

Ion Ratio Lower Upper

42 100

72 48.7 37.1 55.7

71 45.4 34.5 51.7



#30

Chloroform

Concen: 54.767 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016293.D

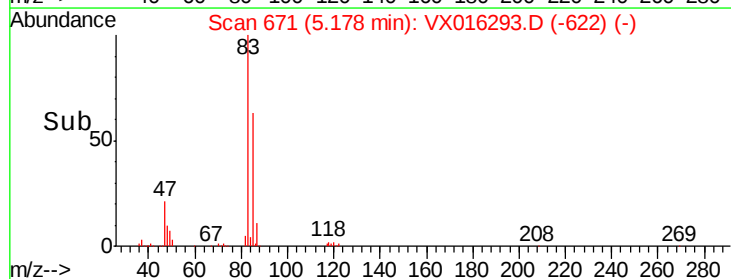
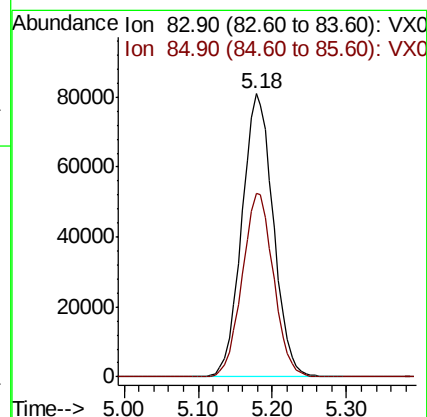
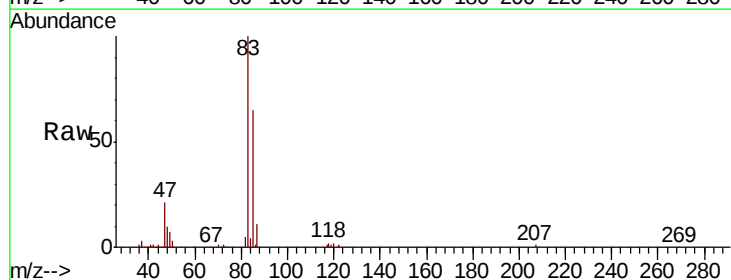
Acq: 15 May 2020 19:59

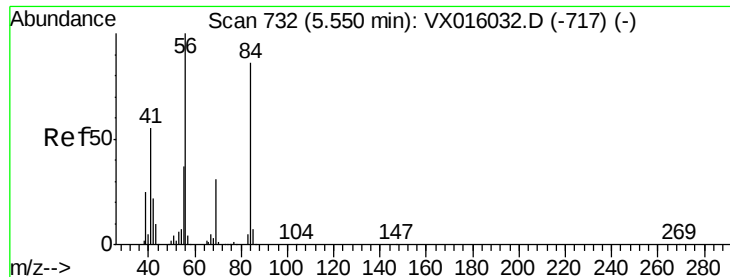
Tgt Ion: 83 Resp: 239554

Ion Ratio Lower Upper

83 100

85 64.8 51.6 77.4

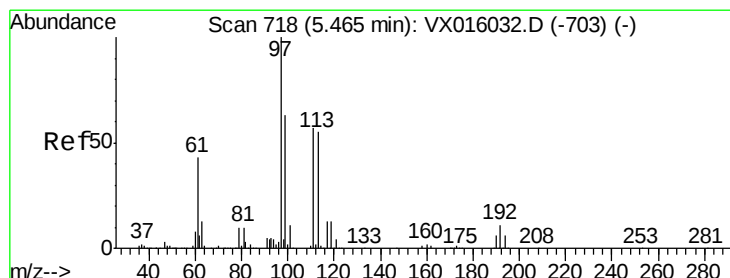
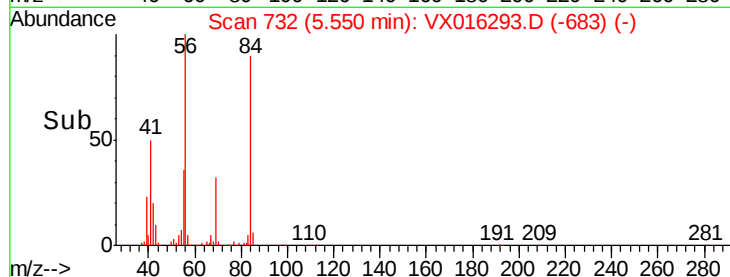
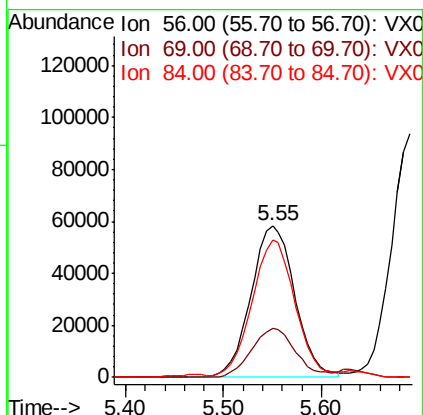
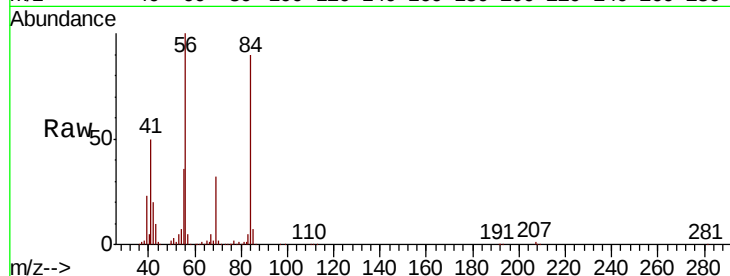




#31
Cyclohexane
Concen: 45.524 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

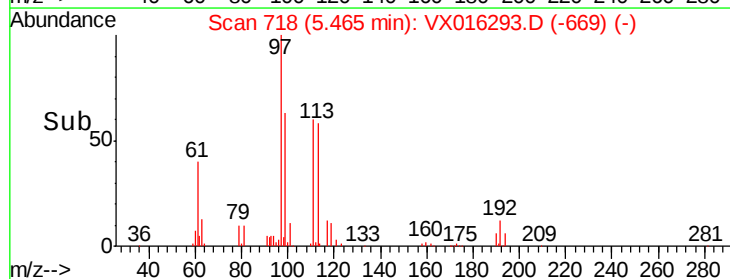
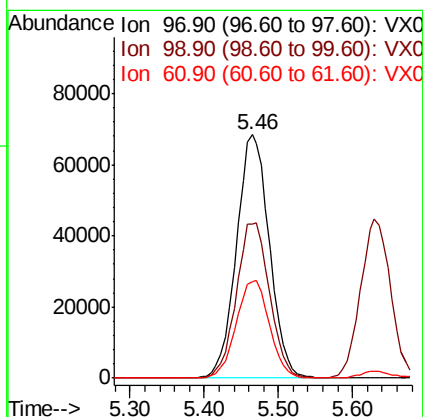
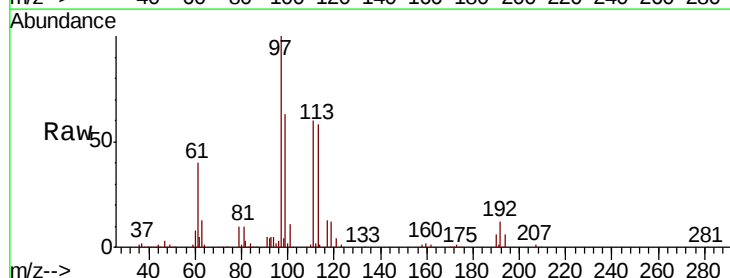
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 181754
Ion Ratio Lower Upper
56 100
69 32.0 25.0 37.6
84 88.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 53.333 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 97 Resp: 212047
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 40.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.671 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

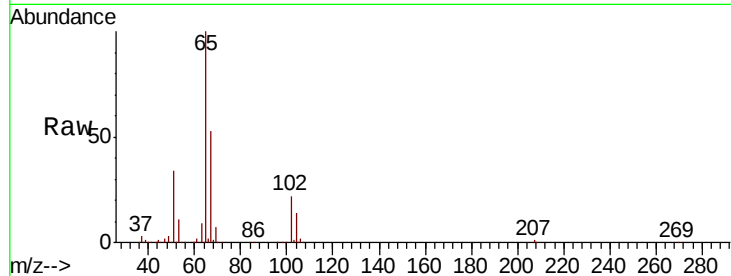
ClientSampleId :

Tot Ion: 65 Resp: 145625

Ion Ratio Lower Upper

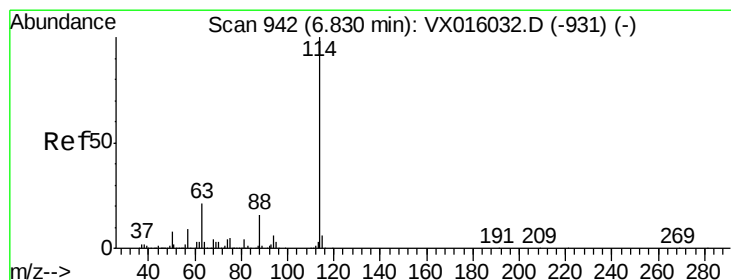
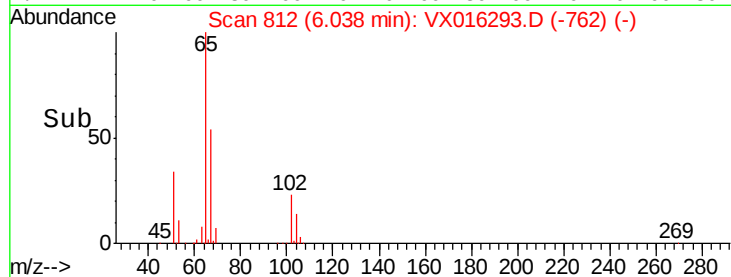
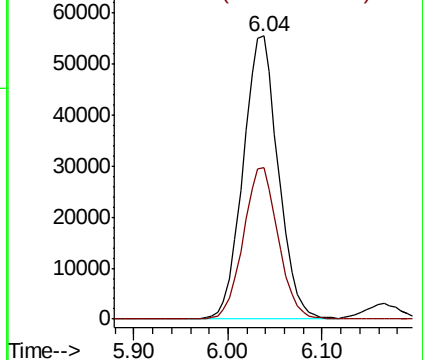
65 100

67 53.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

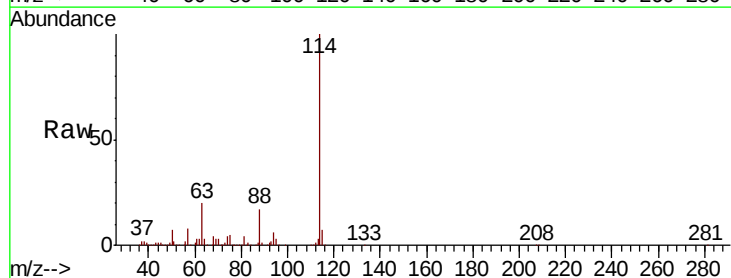
Tgt Ion: 114 Resp: 377715

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

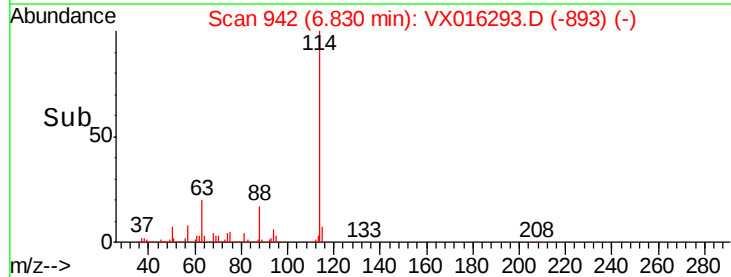
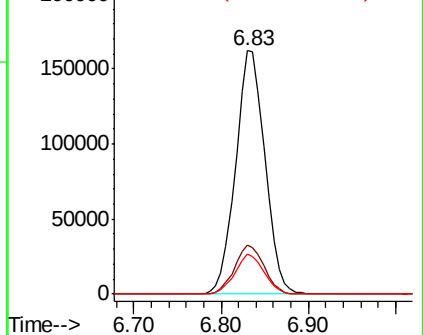
88 16.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

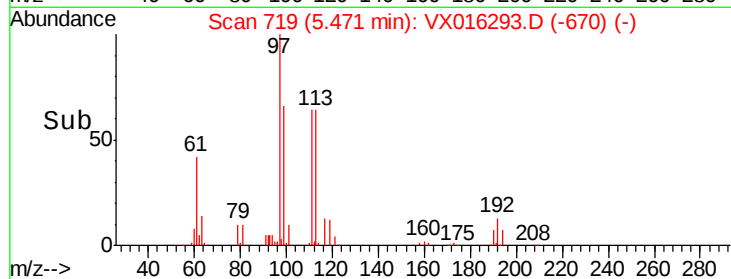
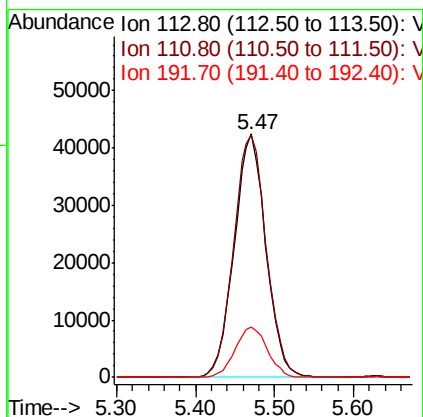
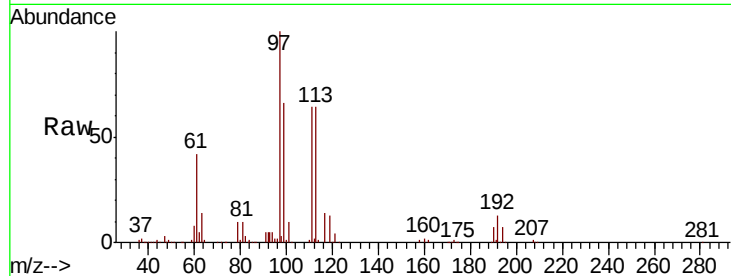




#35
 Dibromofluoromethane
 Concen: 49.424 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

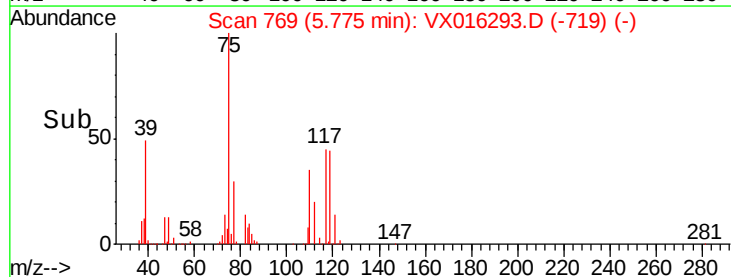
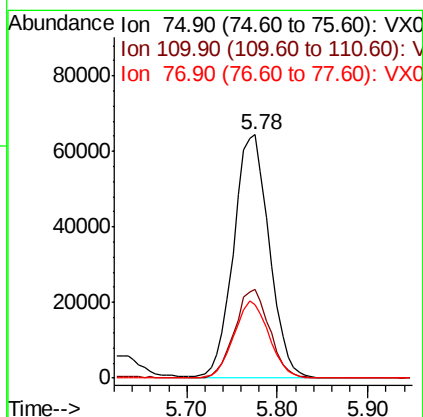
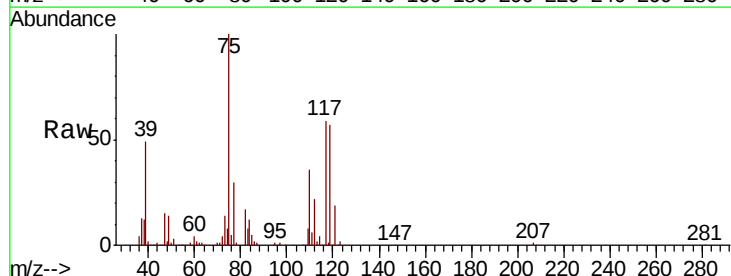
Instrument :
 MSVOA_X
 ClientSampleId :

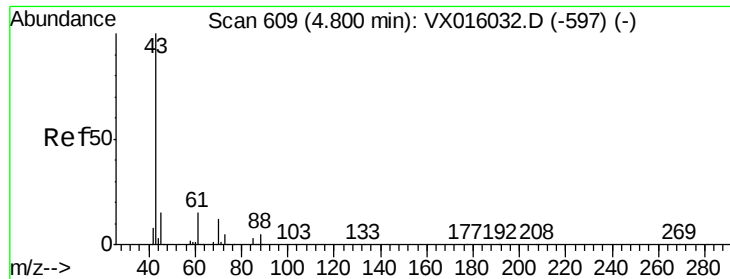
Tot Ion:113 Resp: 118272
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.6 122.4
 192 21.2 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 47.135 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion: 75 Resp: 175252
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.1 54.1
 77 31.1 25.0 37.6

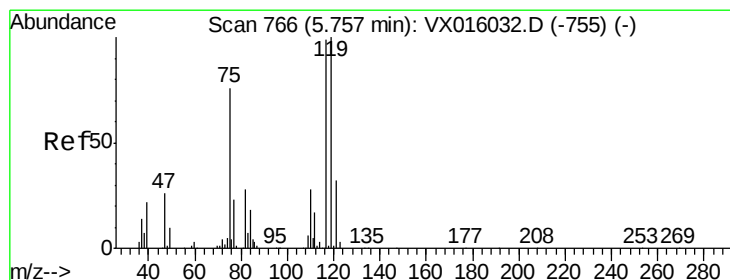
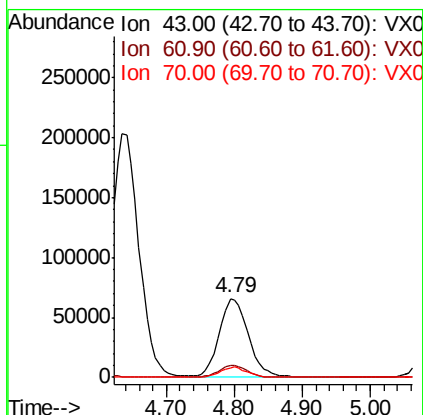
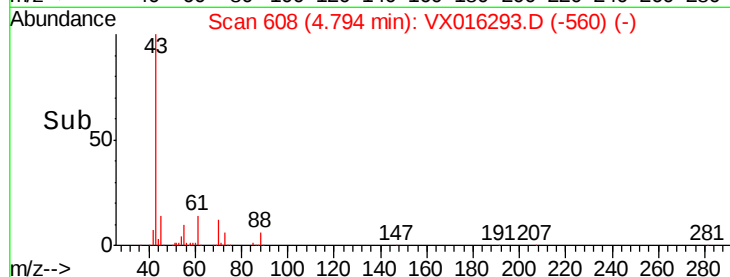
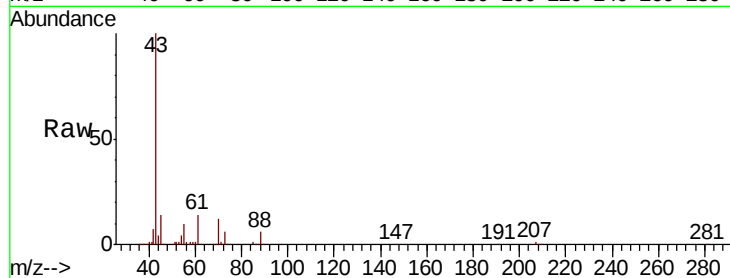




#37
Ethyl Acetate
Concen: 44.913 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

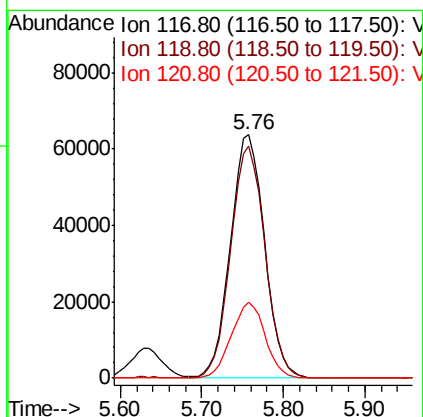
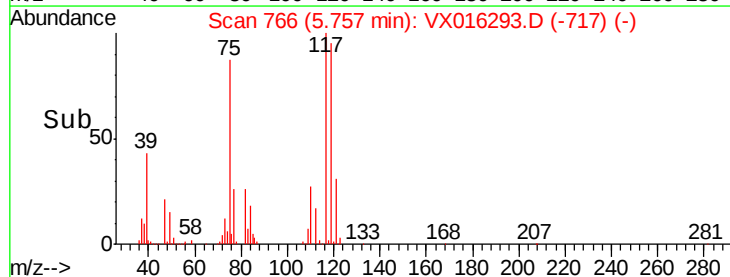
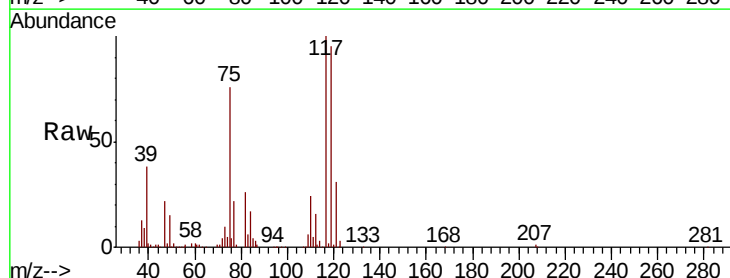
Instrument :
MSVOA_X
ClientSampled :

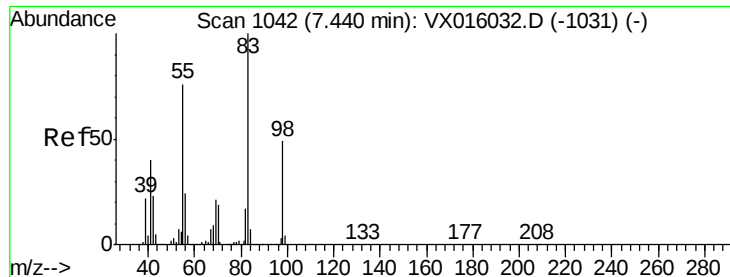
Tot Ion: 43 Resp: 193548
Ion Ratio Lower Upper
43 100
61 15.2 11.7 17.5
70 12.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 48.910 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 117 Resp: 184838
Ion Ratio Lower Upper
117 100
119 95.0 80.3 120.5
121 31.2 25.7 38.5

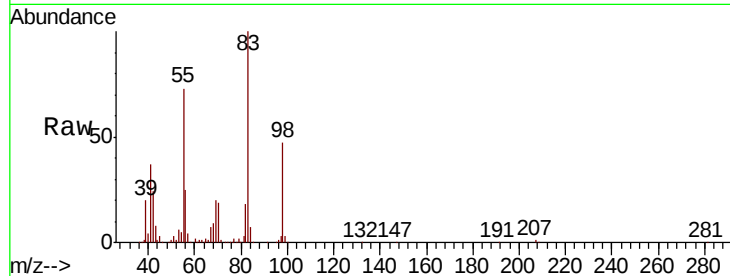




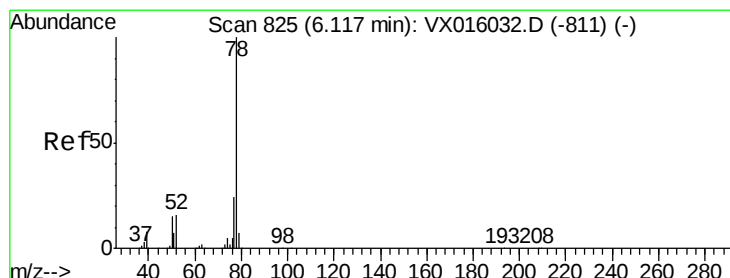
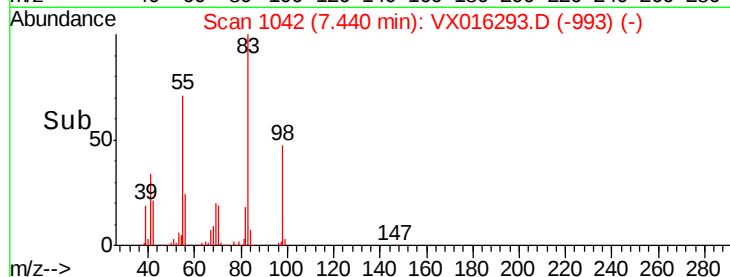
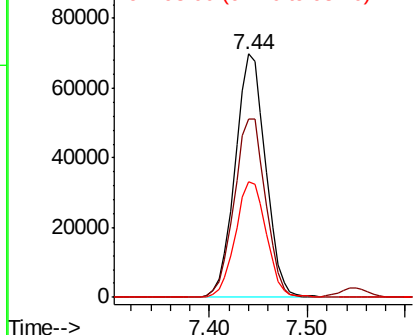
#39
Methvlcvclohexane
Concen: 33.669 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 150756
Ion Ratio Lower Upper
83 100
55 73.1 61.1 91.7
98 47.4 39.0 58.4

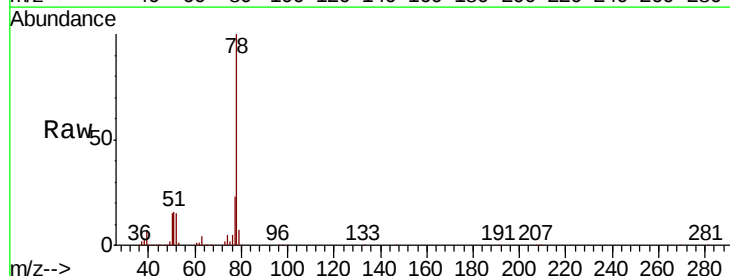


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

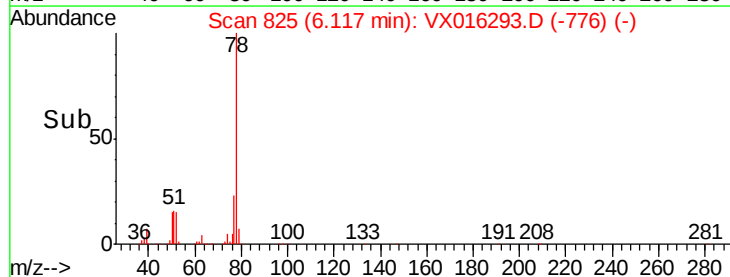
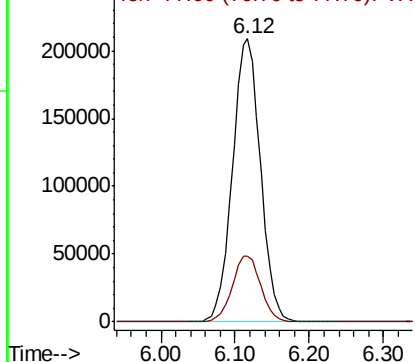


#40
Benzene
Concen: 50.410 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 78 Resp: 548404
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

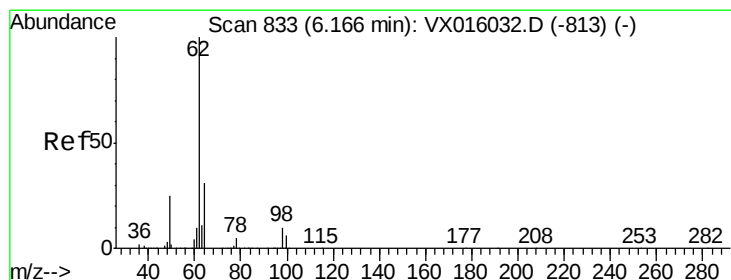
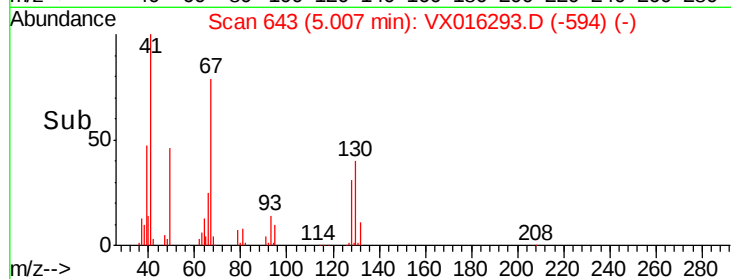
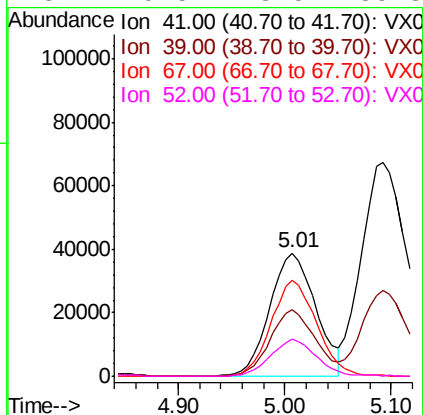
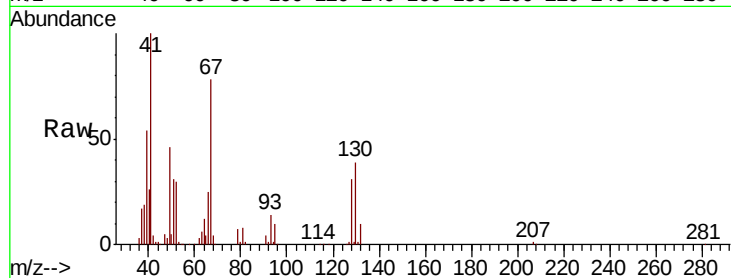




#41
Methacrylonitrile
Concen: 49.727 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

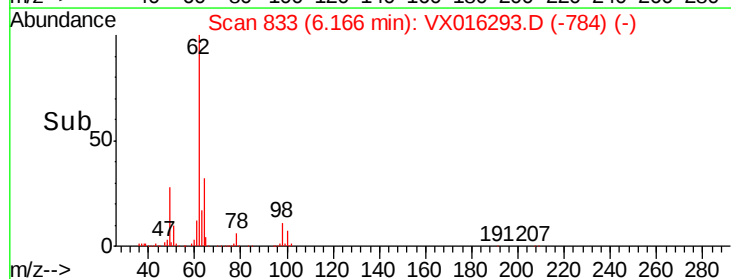
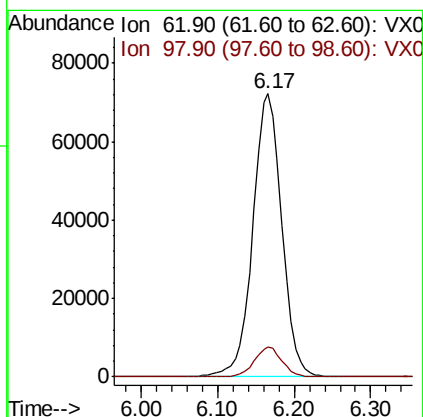
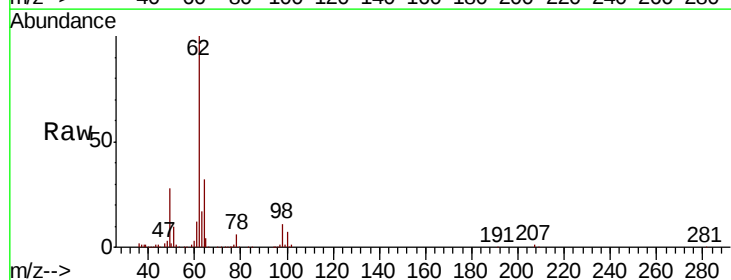
Instrument :
MSVOA_X
ClientSampleId :

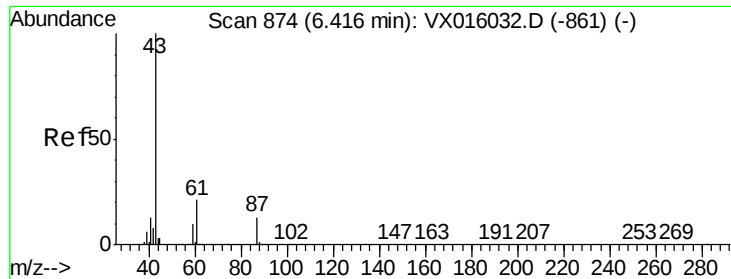
Tot Ion:	41	Resp:	115727
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.2	64.8
67	77.6	59.3	88.9
52	29.5	23.5	35.3



#42
1,2-Dichloroethane
Concen: 48.682 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:	62	Resp:	190782
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4



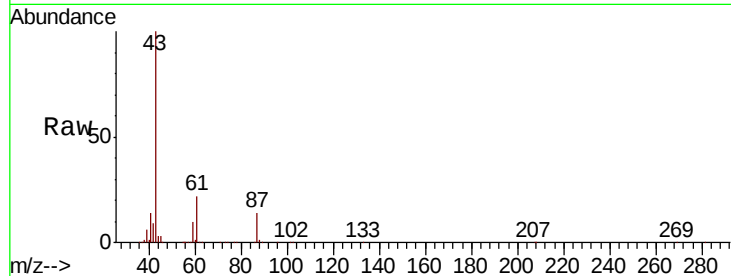


#43

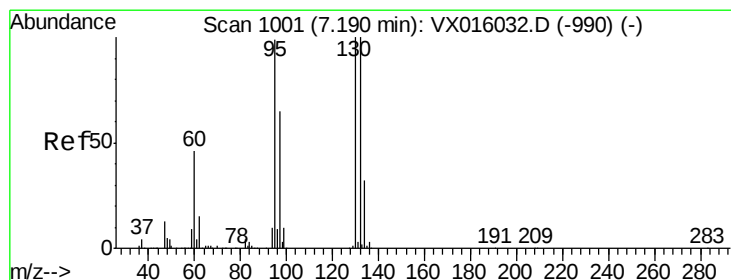
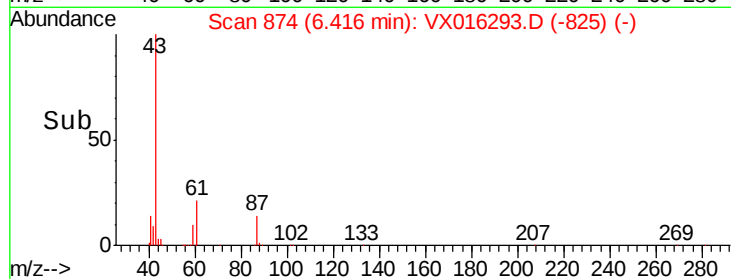
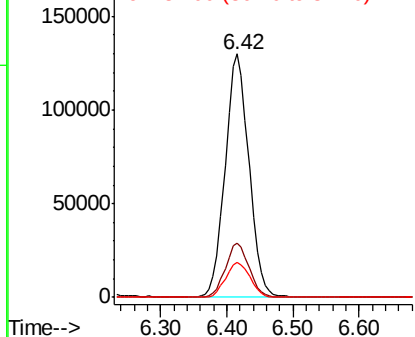
Isopropyl Acetate
 Concen: 46.618 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	320536
Ion Ratio	Lower	Upper	
43	100		
61	22.2	17.0	25.4
87	14.8	11.0	16.6



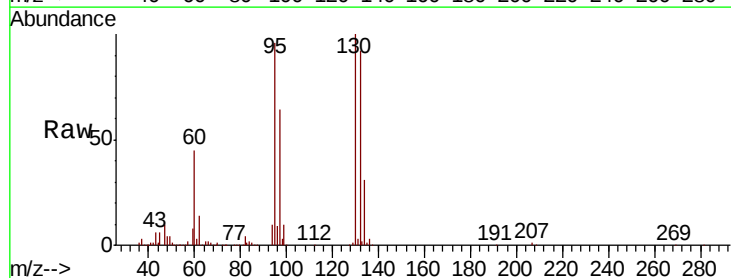
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



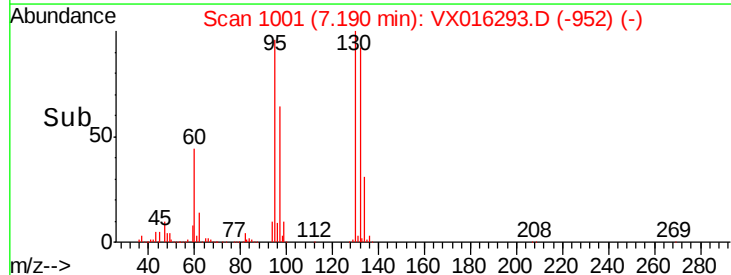
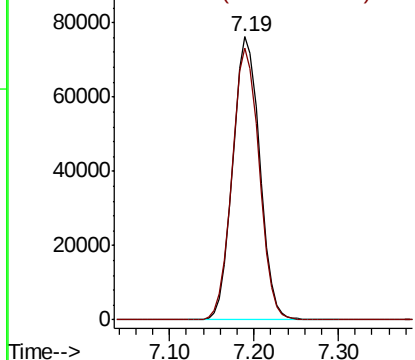
#44

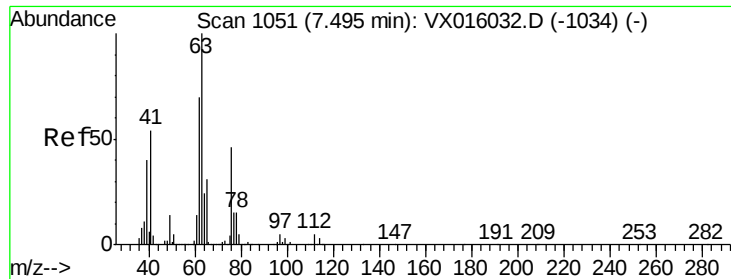
Trichloroethene
 Concen: 42.552 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion	130	Resp	164459
Ion Ratio	Lower	Upper	
130	100		
95	95.8	0.0	197.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.603 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

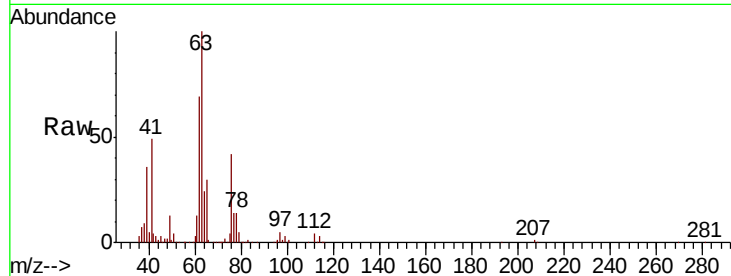
ClientSampleId :

Tot Ion: 63 Resp: 142050

Ion Ratio Lower Upper

63 100

65 29.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

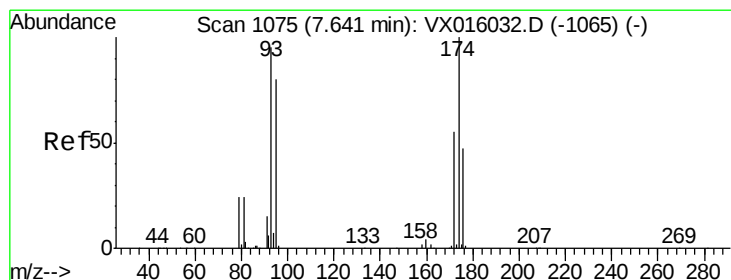
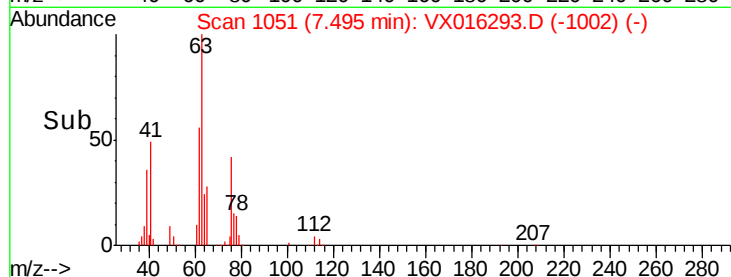
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 50.744 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

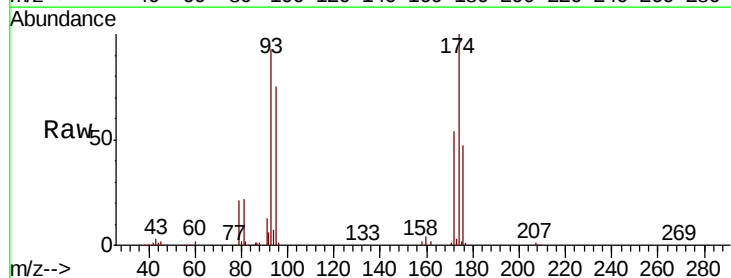
Tgt Ion: 93 Resp: 94925

Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 105.9 84.2 126.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

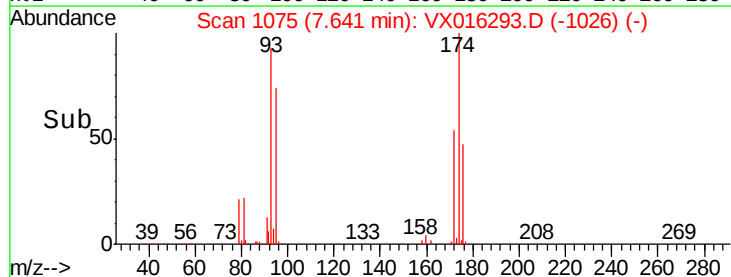
60000

40000

20000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 52.205 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampled :

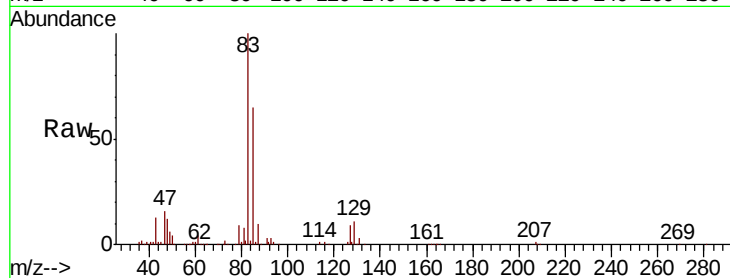
Tot Ion: 83 Resp: 198896

Ion Ratio Lower Upper

83 100

85 64.7 50.5 75.7

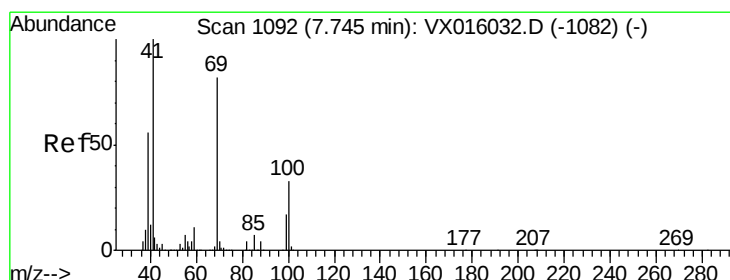
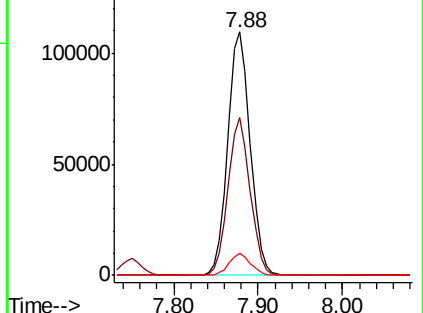
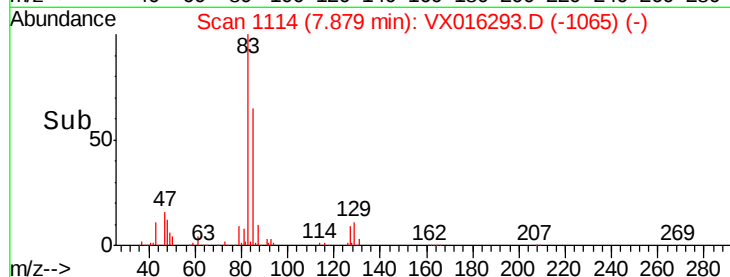
127 9.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.486 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

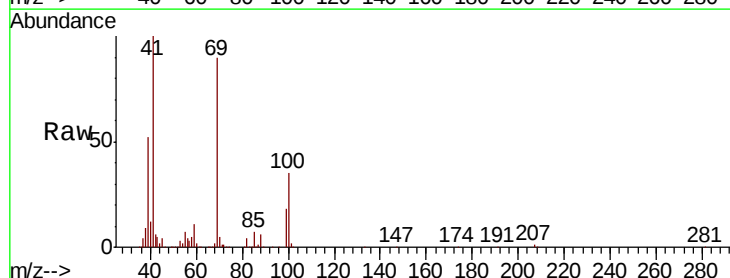
Tgt Ion: 41 Resp: 161227

Ion Ratio Lower Upper

41 100

69 92.1 67.8 101.6

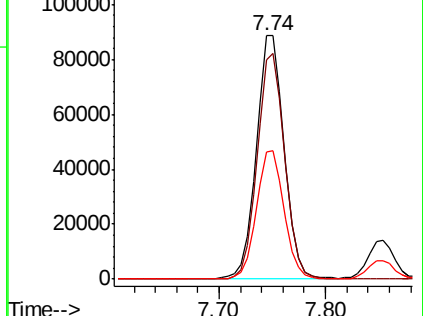
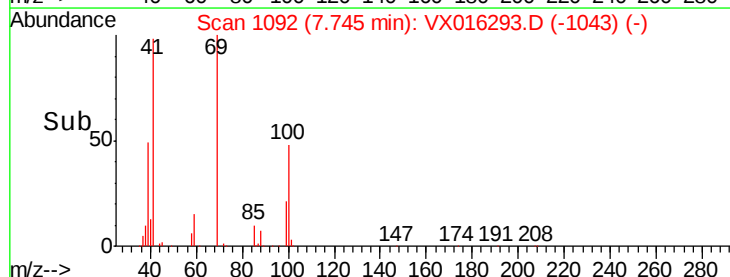
39 52.6 44.6 67.0

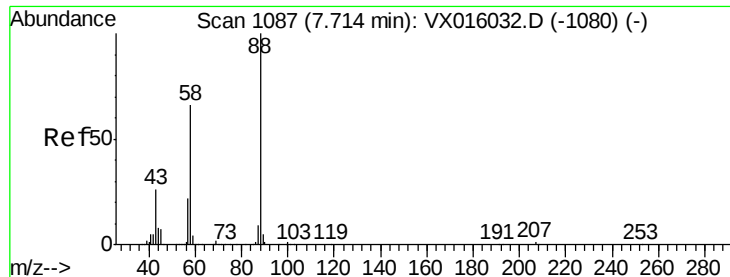


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1056.671 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampled :

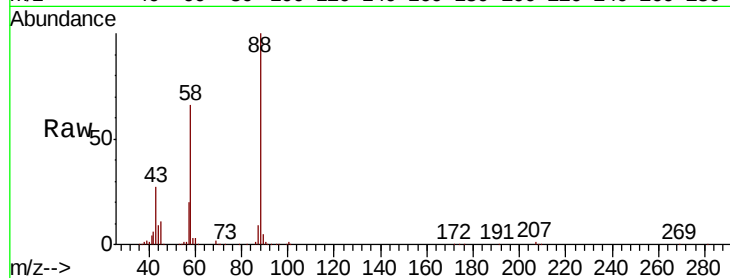
Tot Ion: 88 Resp: 82567

Ion Ratio Lower Upper

88 100

43 30.2 25.3 37.9

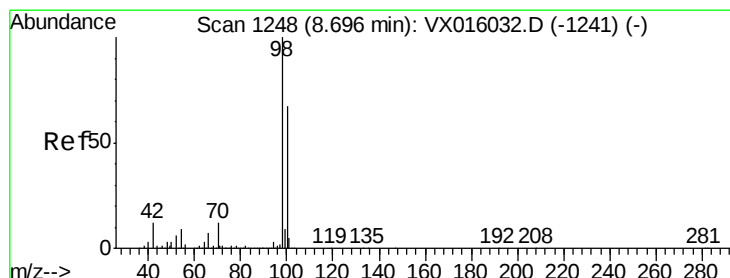
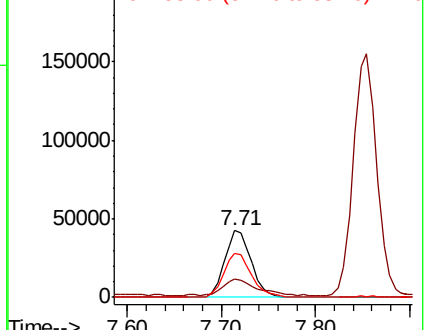
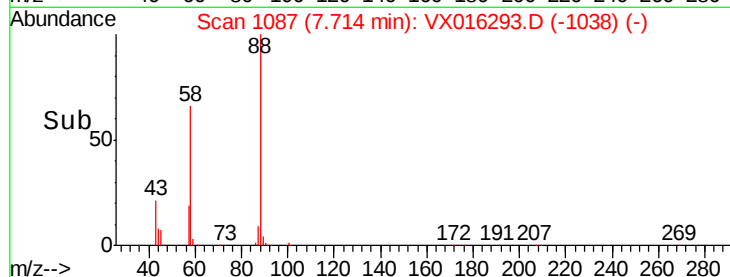
58 68.9 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.100 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016293.D

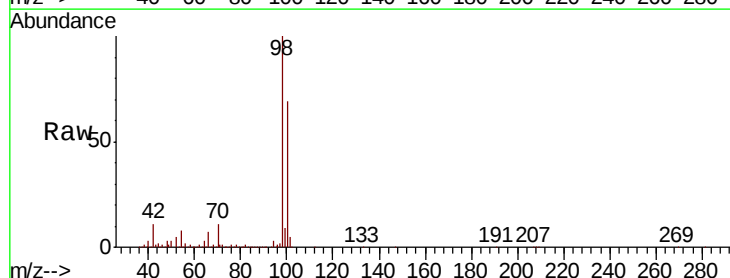
Acq: 15 May 2020 19:59

Tgt Ion: 98 Resp: 452723

Ion Ratio Lower Upper

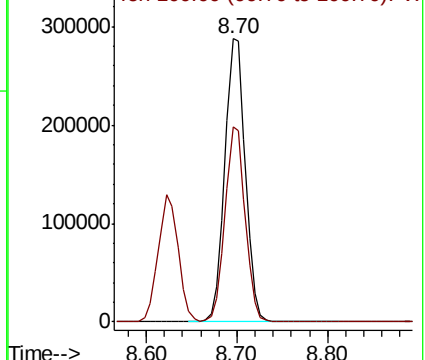
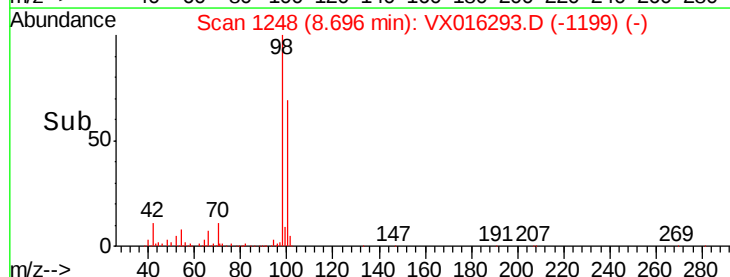
98 100

100 67.6 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 262.312 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

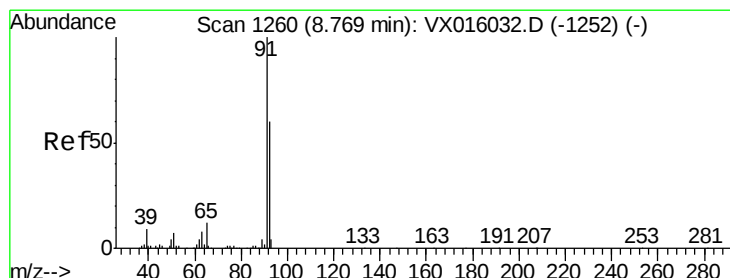
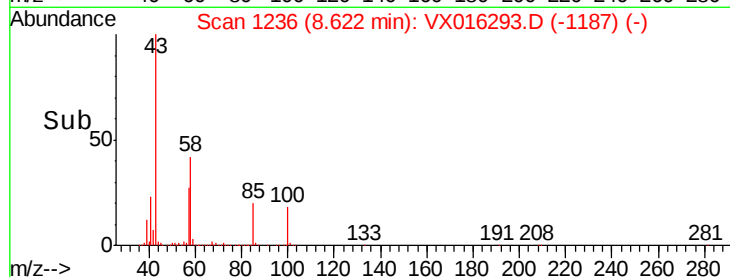
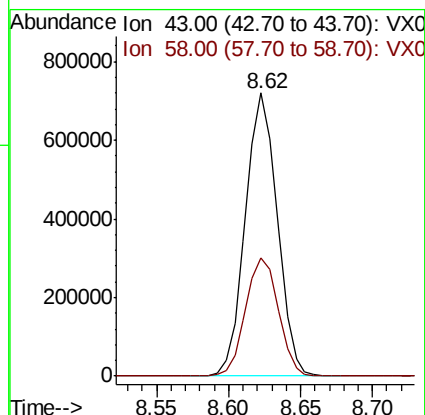
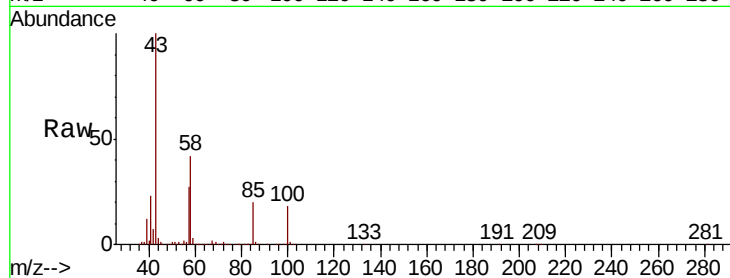
ClientSampleId :

Tot Ion: 43 Resp: 1103689

Ion Ratio Lower Upper

43 100

58 43.0 33.0 49.4



#52

Toluene

Concen: 50.758 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016293.D

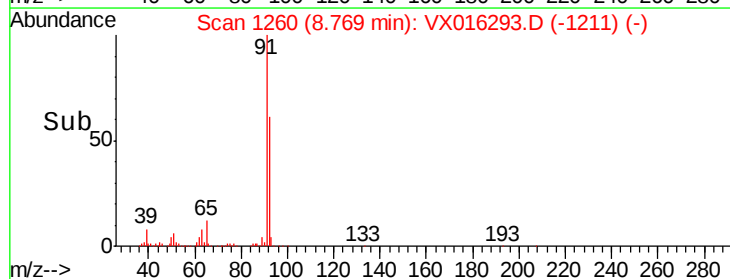
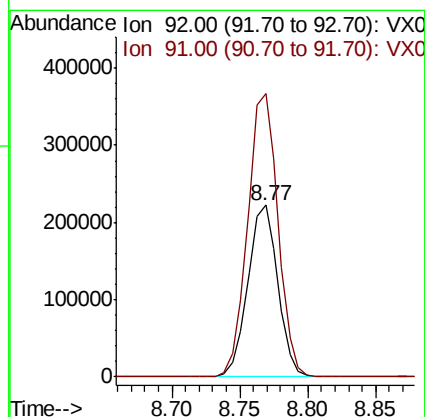
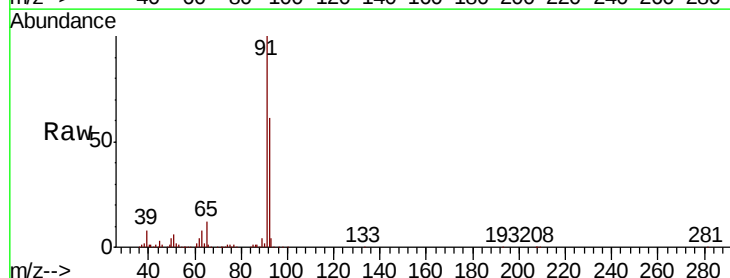
Acq: 15 May 2020 19:59

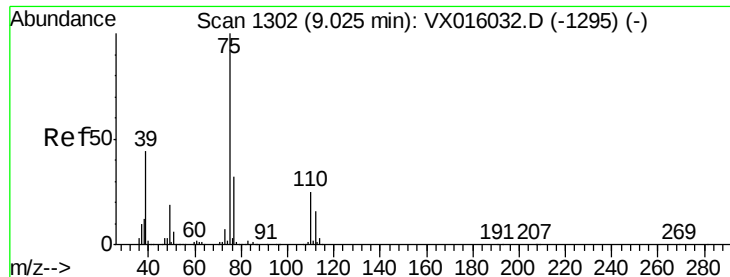
Tgt Ion: 92 Resp: 344191

Ion Ratio Lower Upper

92 100

91 167.1 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 48.842 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

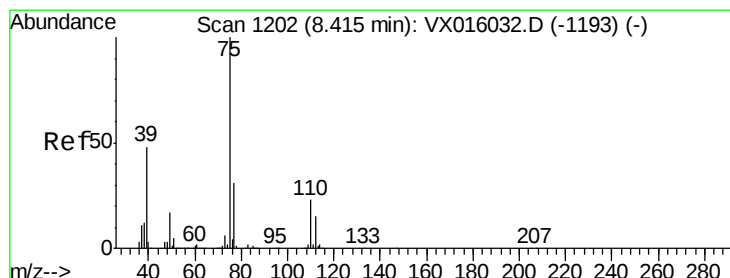
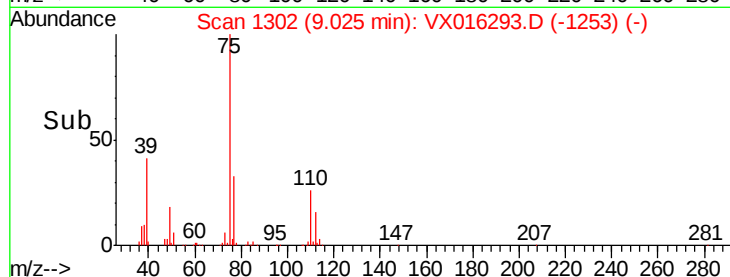
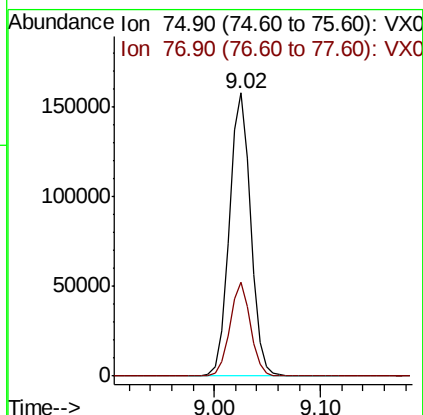
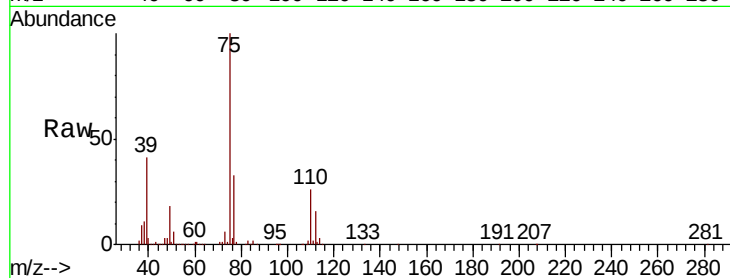
ClientSampleId :

Tot Ion: 75 Resp: 221869

Ion Ratio Lower Upper

75 100

77 33.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 49.054 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

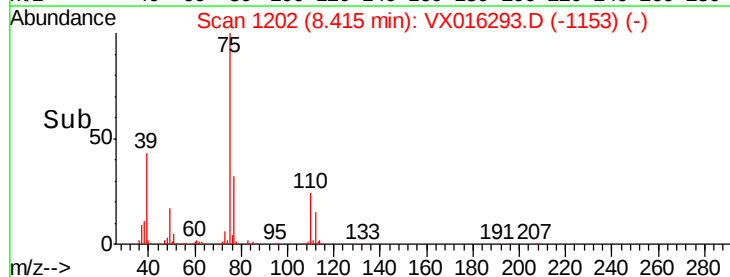
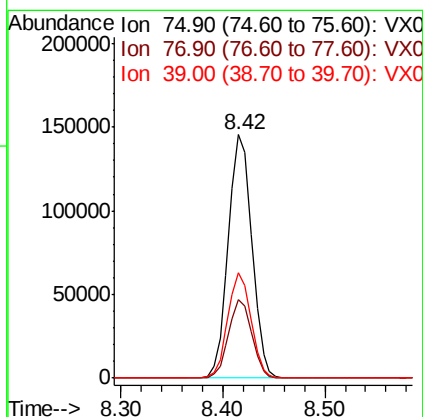
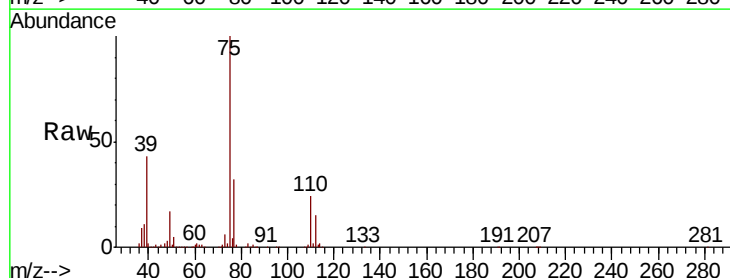
Tgt Ion: 75 Resp: 232749

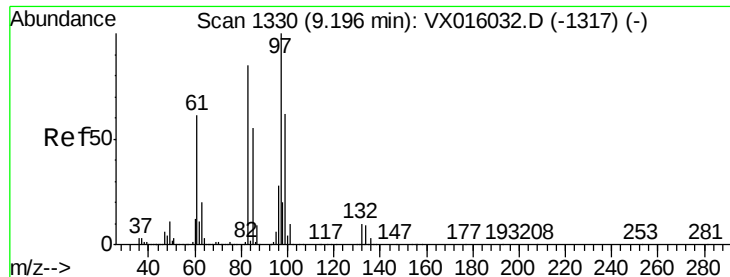
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 43.0 38.7 58.1

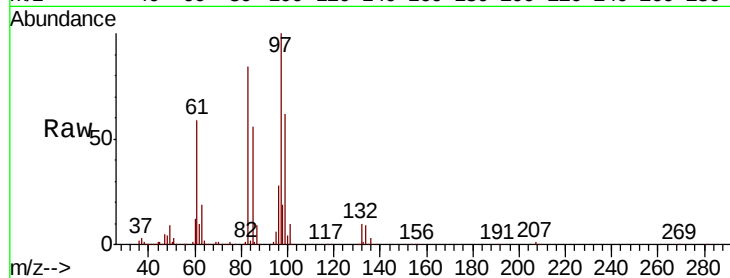




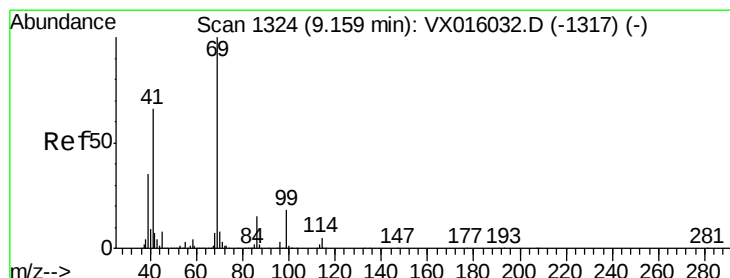
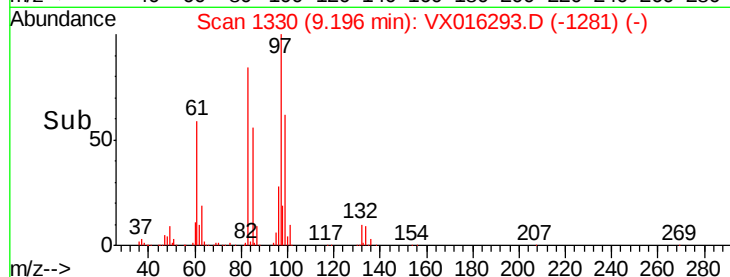
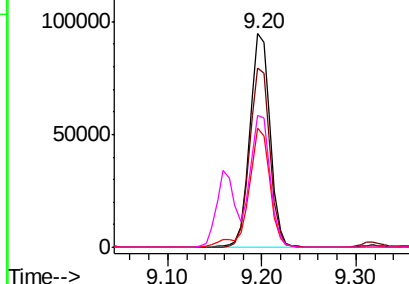
#55
 1,1,2-Trichloroethane
 Concen: 53.679 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	143209
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.8	101.8
85	55.6	43.8	65.8
99	62.0	49.4	74.0

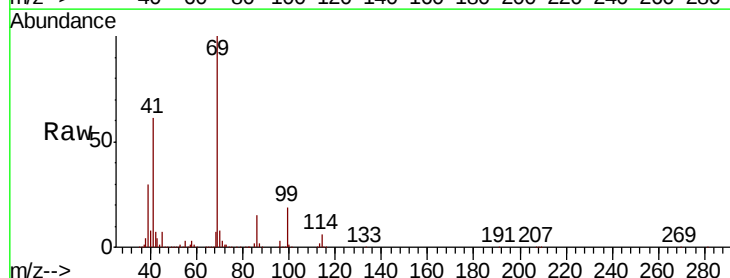


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

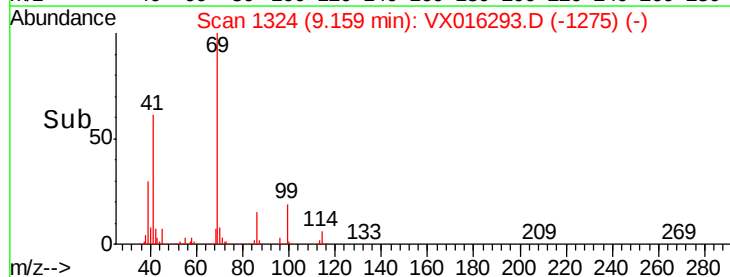
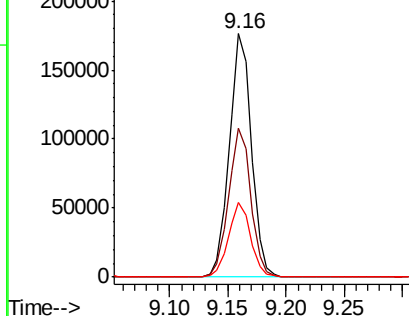


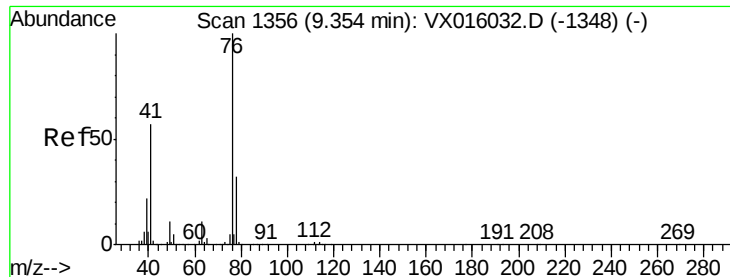
#56
 Ethyl methacrylate
 Concen: 53.578 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion:	69	Resp:	233325
Ion	Ratio	Lower	Upper
69	100		
41	60.8	52.2	78.4
39	30.6	28.2	42.4



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





#57

1,3-Dichloropropane

Concen: 51.998 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

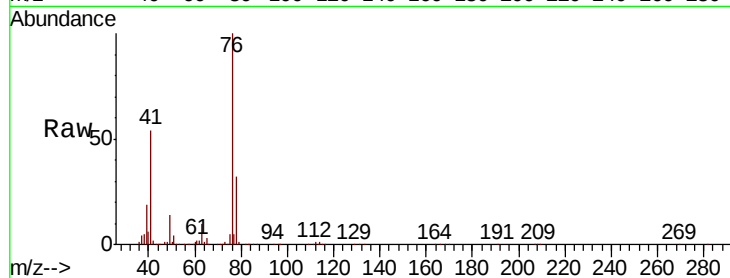
ClientSampleId :

Tot Ion: 76 Resp: 242061

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

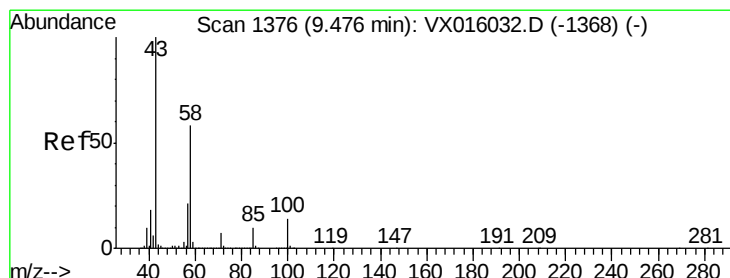
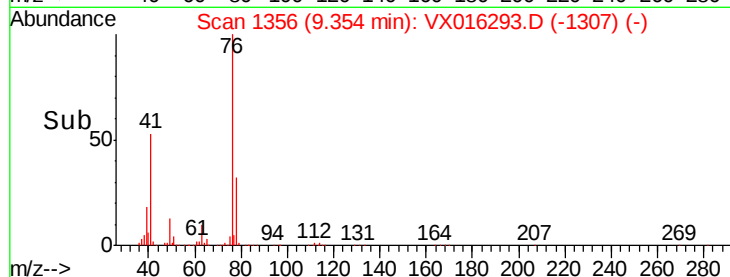
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 261.837 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016293.D

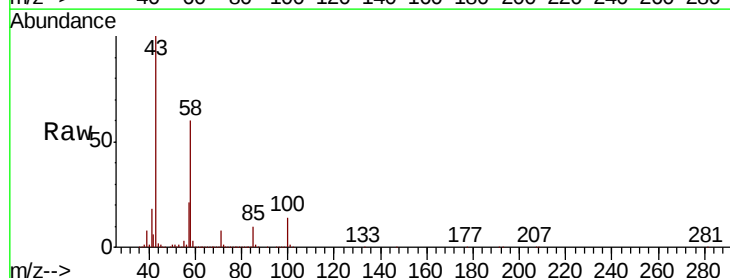
Acq: 15 May 2020 19:59

Tgt Ion: 43 Resp: 865183

Ion Ratio Lower Upper

43 100

58 60.3 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

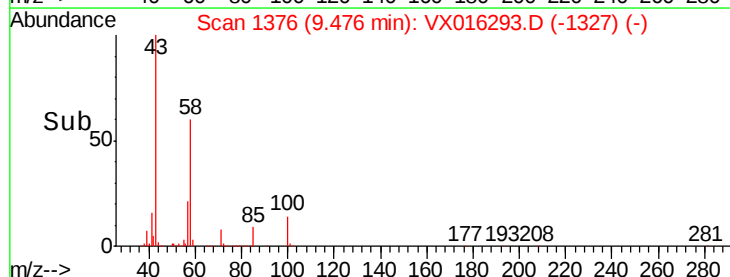
400000

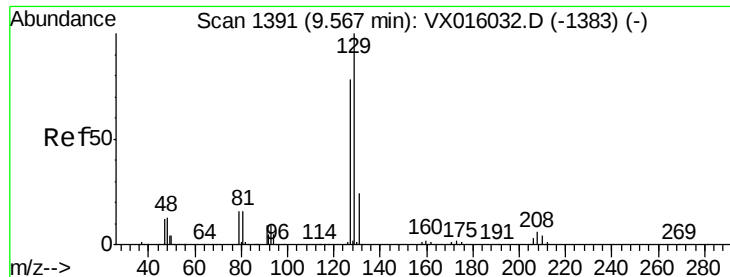
200000

0

9.40 9.45 9.50 9.55

Time-->





#60

Dibromochloromethane

Concen: 54.490 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

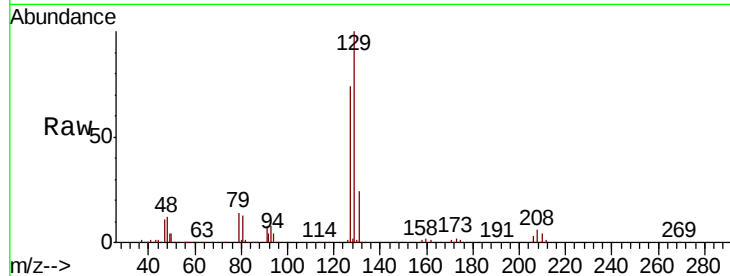
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 160109

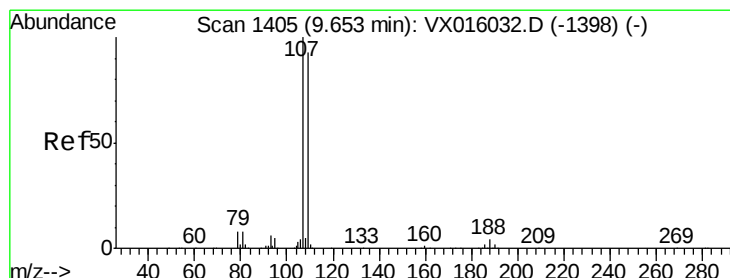
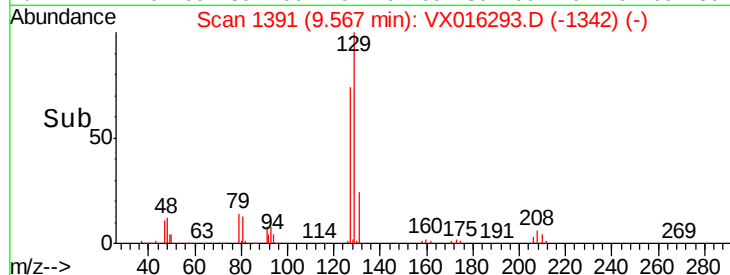
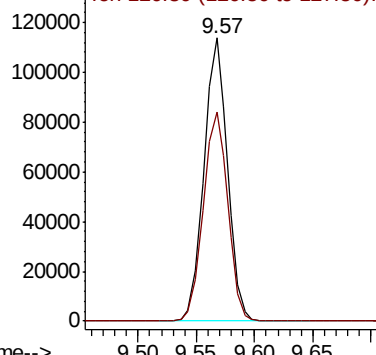
Ion Ratio Lower Upper

129 100

127 77.1 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.483 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016293.D

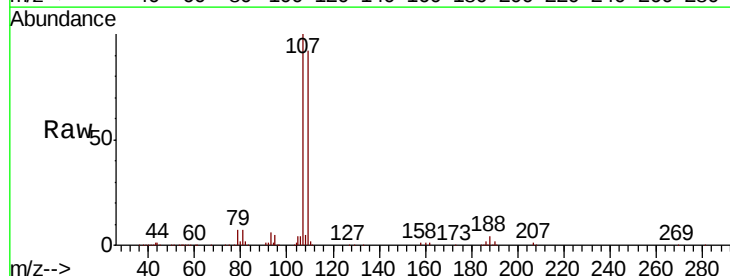
Acq: 15 May 2020 19:59

Tgt Ion:107 Resp: 151666

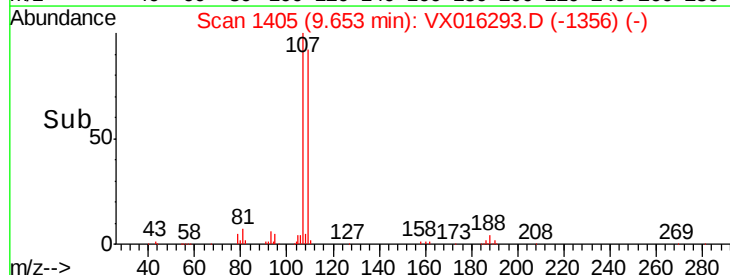
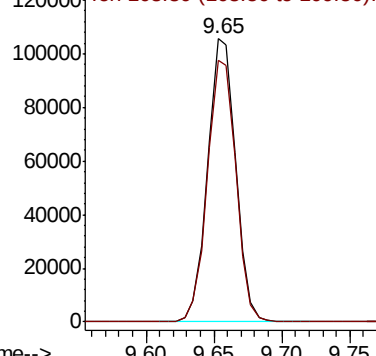
Ion Ratio Lower Upper

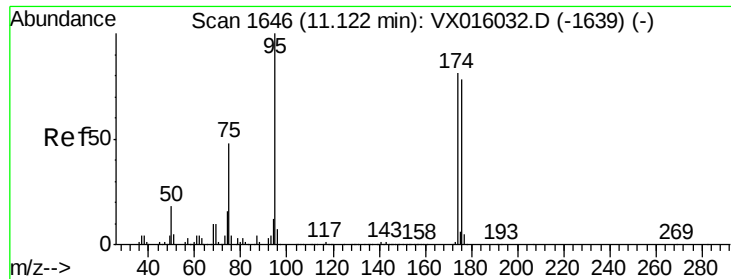
107 100

109 94.0 74.9 112.3



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





#62

4-Bromofluorobenzene

Concen: 49.259 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

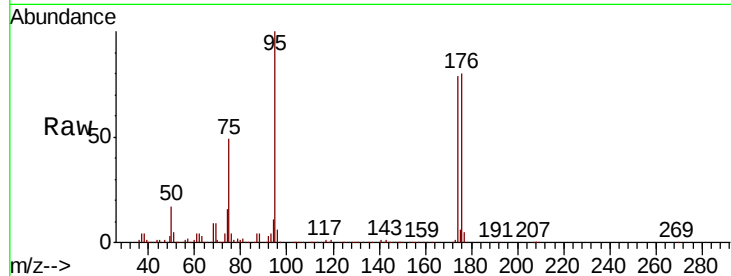
Tot Ion: 95 Resp: 172752

Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.4

176 78.9 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016032.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016032.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016032.D (-1639) (-)

11.12

150000

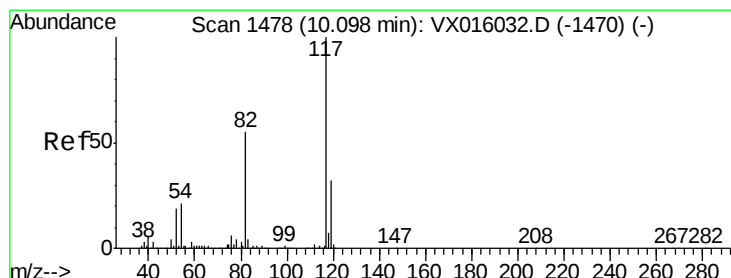
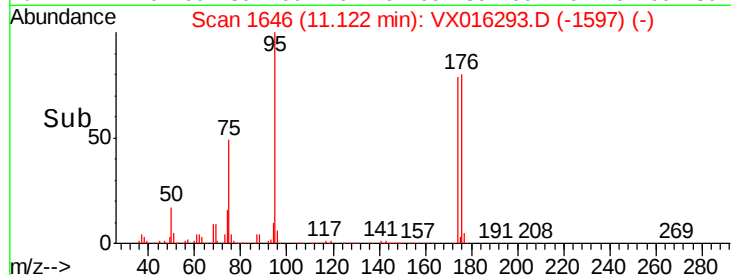
100000

50000

0

Time-->

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

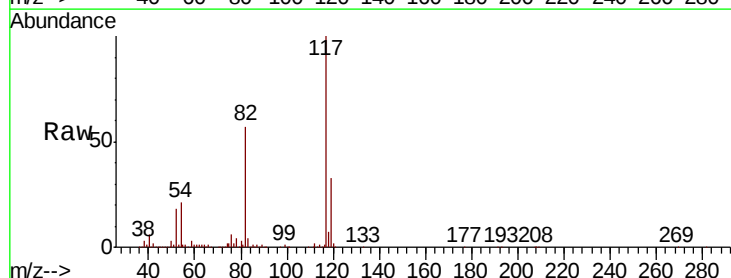
Tgt Ion: 117 Resp: 349169

Ion Ratio Lower Upper

117 100

82 57.0 44.4 66.6

119 32.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX016032.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016032.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016032.D (-1470) (-)

10.10

300000

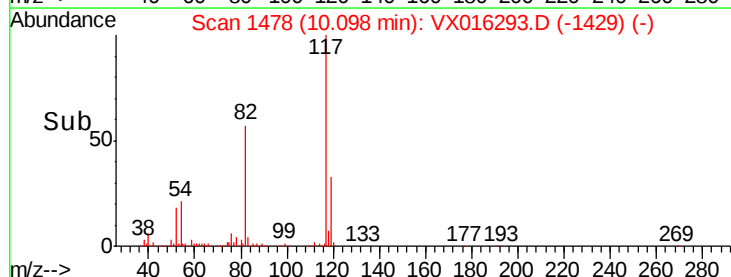
200000

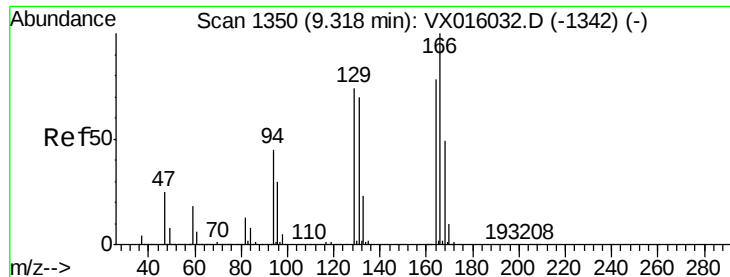
100000

0

Time-->

10.00 10.10 10.20

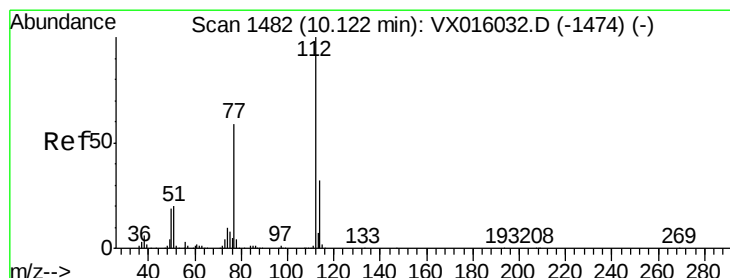
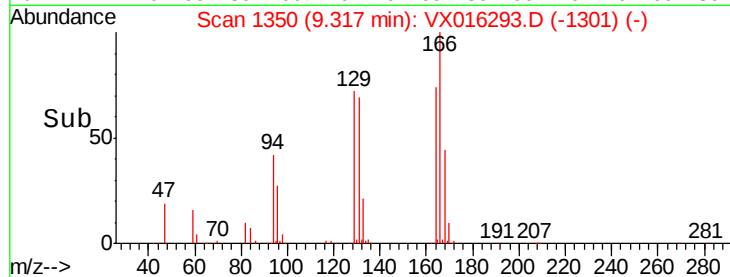
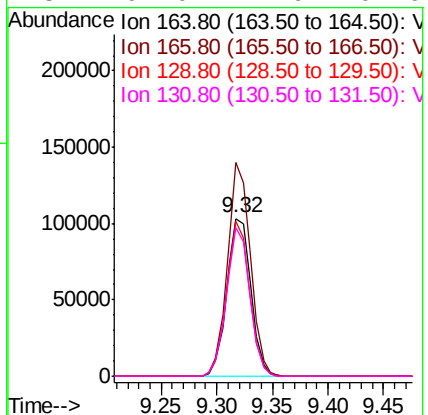
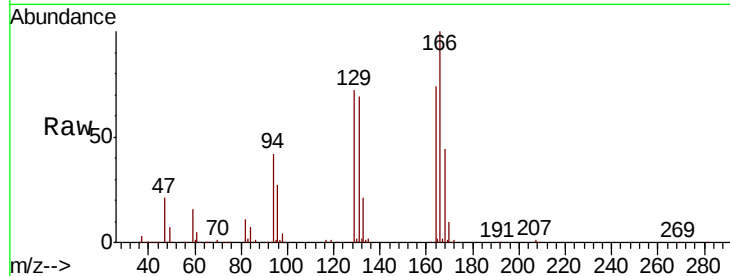




#64
Tetrachloroethene
Concen: 36.000 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

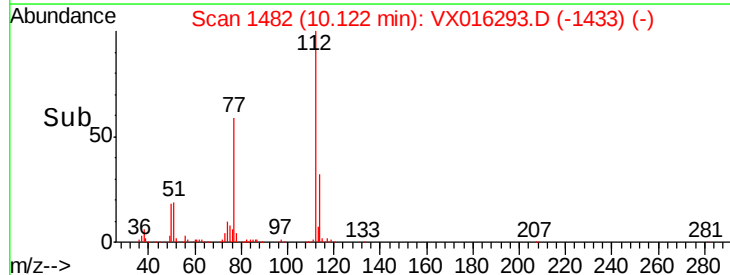
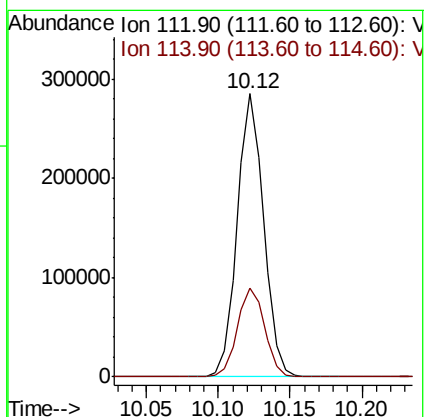
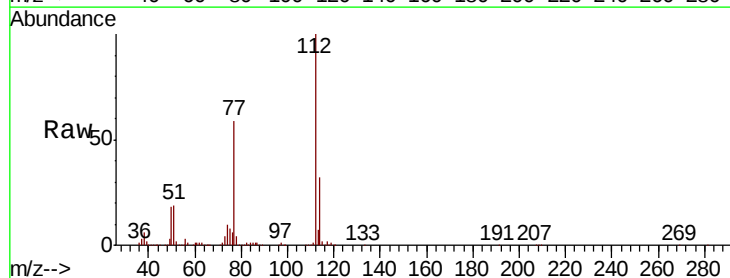
Instrument :
MSVOA_X
ClientSampled :

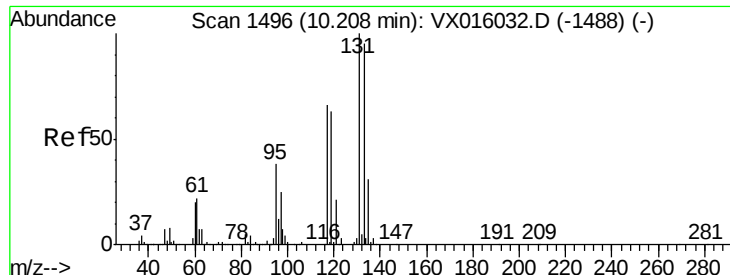
Tot Ion	Ratio	Lower	Upper
164	100		
166	135.6	102.9	154.3
129	98.2	76.1	114.1
131	94.0	71.9	107.9



#65
Chlorobenzene
Concen: 49.918 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 53.055 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampled :

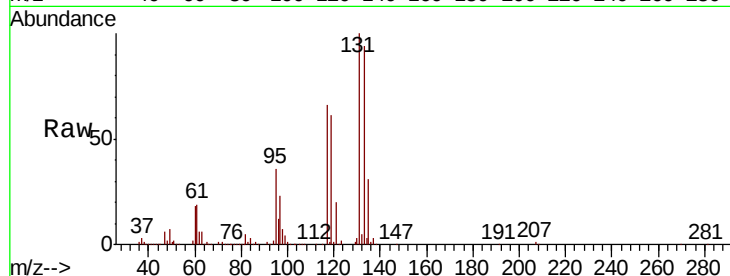
Tot Ion:131 Resp: 143370

Ion Ratio Lower Upper

131 100

133 96.1 48.3 144.8

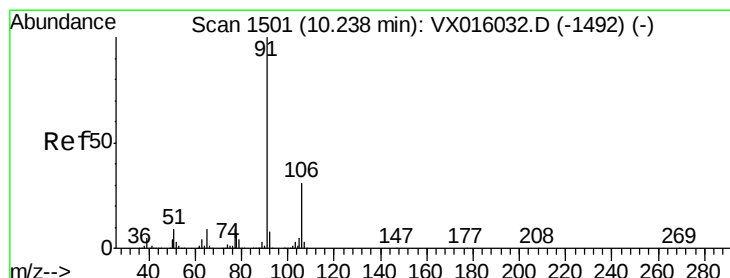
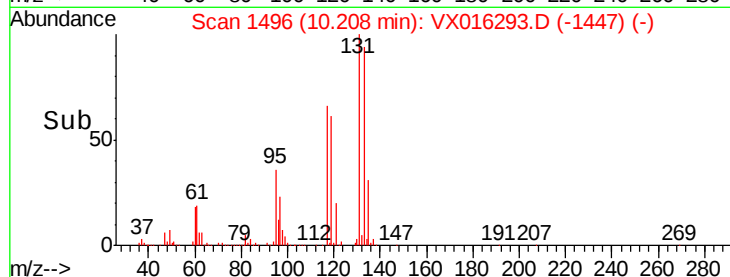
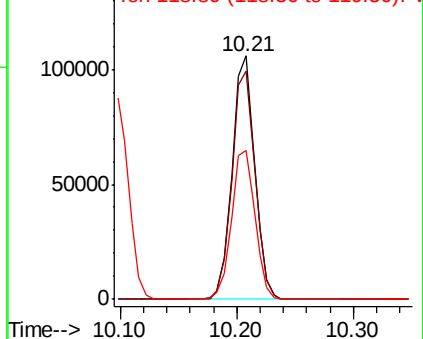
119 63.6 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.155 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016293.D

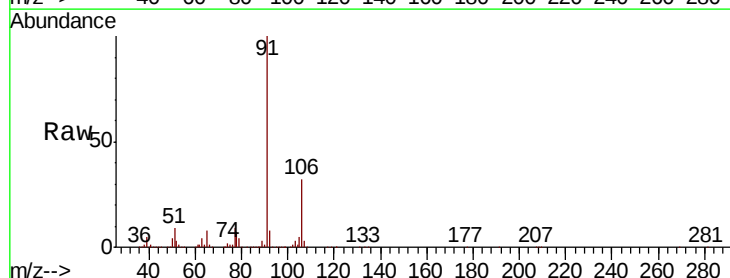
Acq: 15 May 2020 19:59

Tgt Ion: 91 Resp: 641226

Ion Ratio Lower Upper

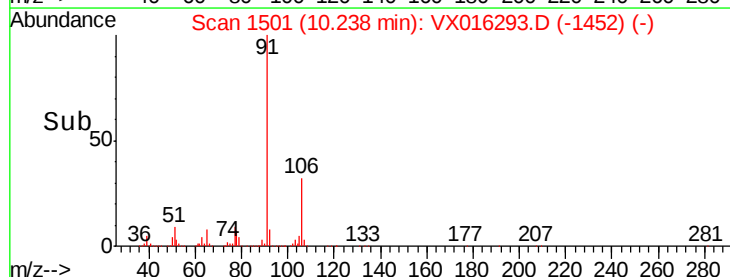
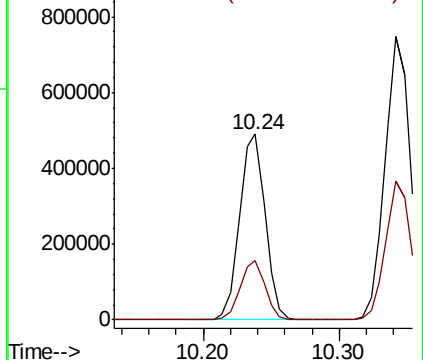
91 100

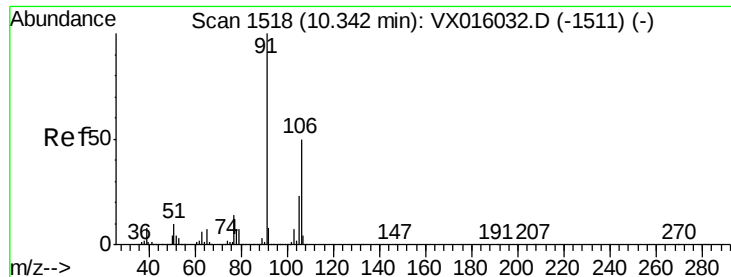
106 32.0 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

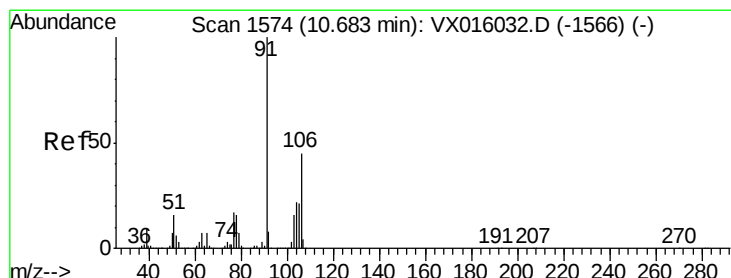
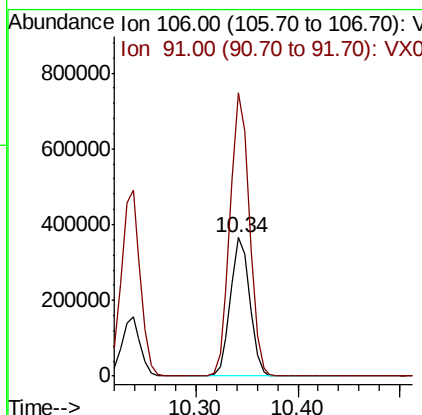
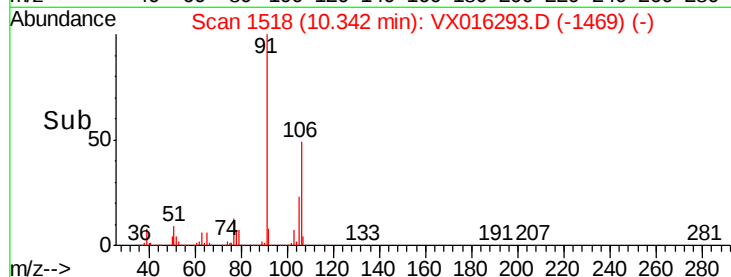
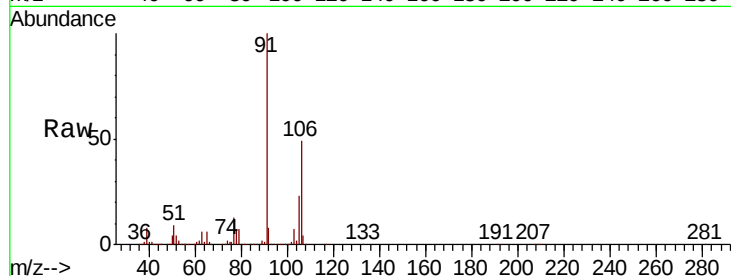




#68
m/p-Xylenes
Concen: 97.818 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

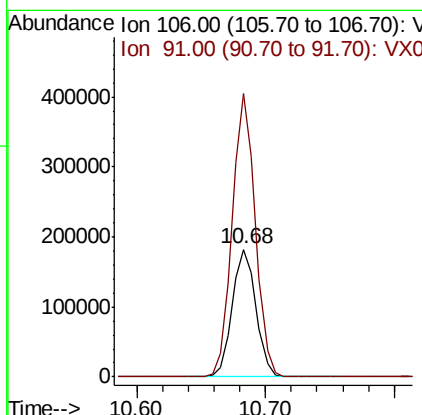
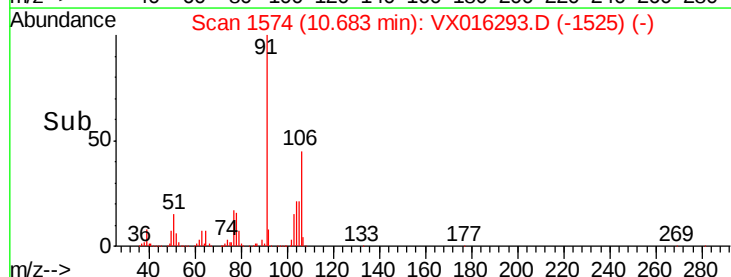
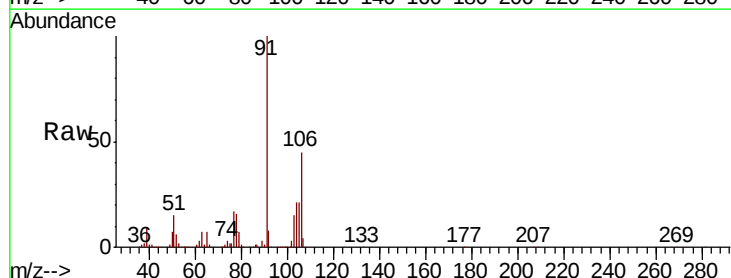
Instrument :
MSVOA_X
ClientSampled :

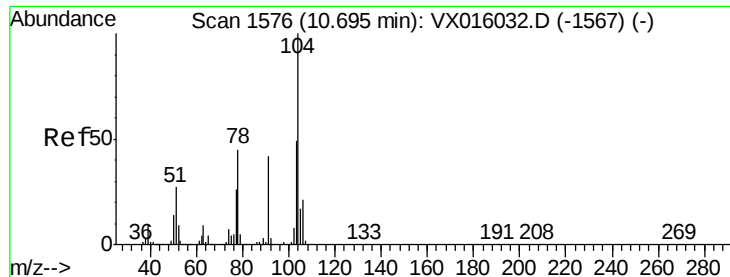
Tot Ion:106 Resp: 478086
Ion Ratio Lower Upper
106 100
91 204.0 161.7 242.5



#69
o-Xylene
Concen: 49.835 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:106 Resp: 234128
Ion Ratio Lower Upper
106 100
91 216.3 107.5 322.6

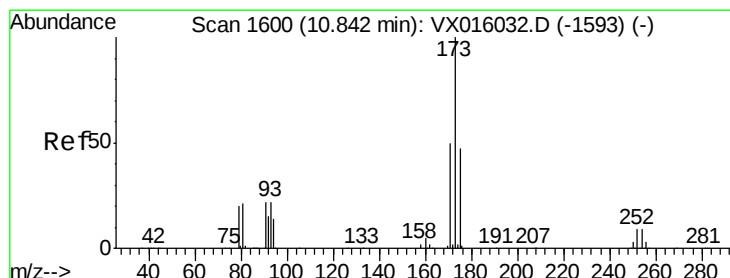
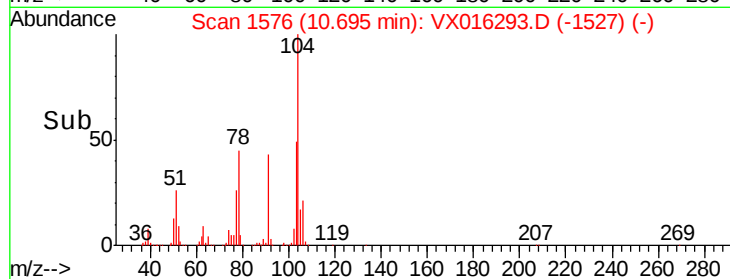
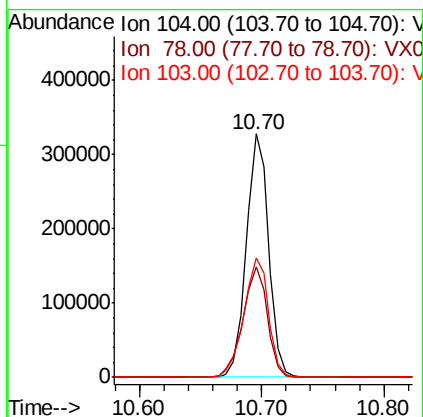
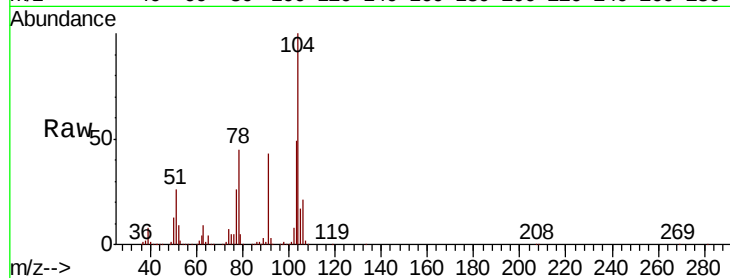




#70
Stvrene
Concen: 52.115 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

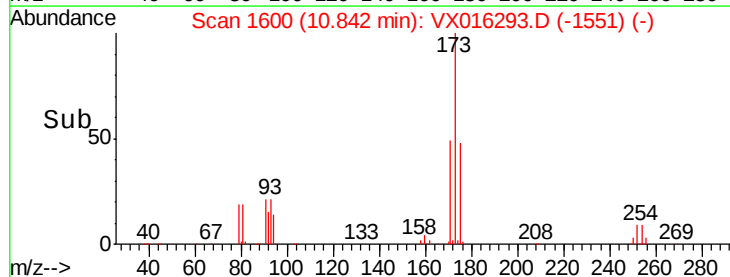
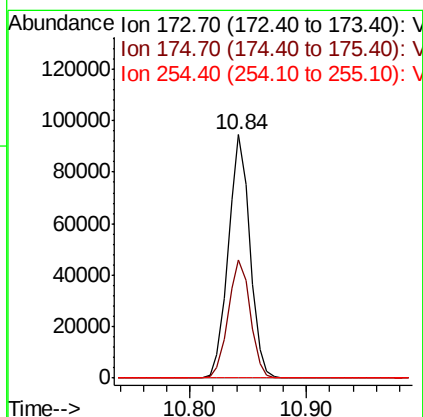
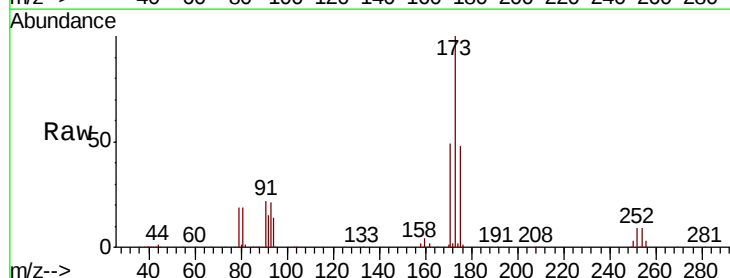
Instrument :
MSVOA_X
ClientSampleId :

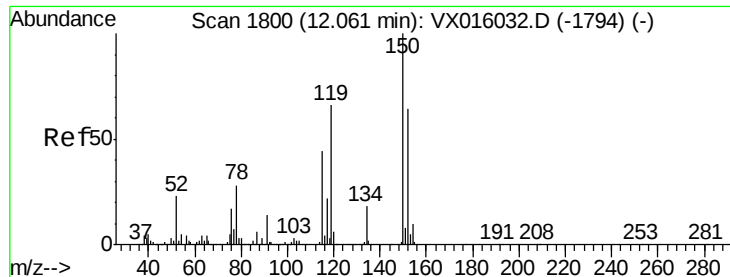
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.7	40.2	60.2
103	53.9	43.0	64.6



#71
Bromoform
Concen: 55.192 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.0	72.0
254	0.2	0.1	0.1#



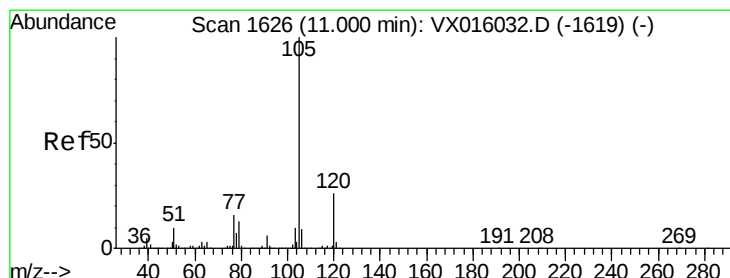
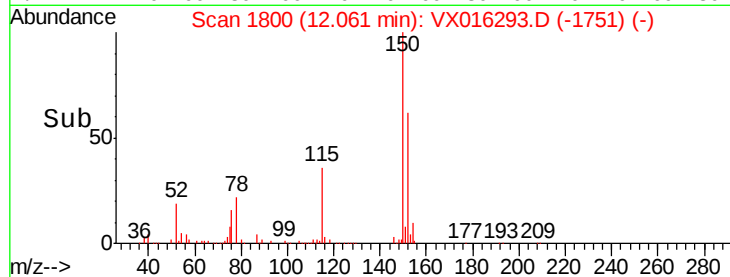
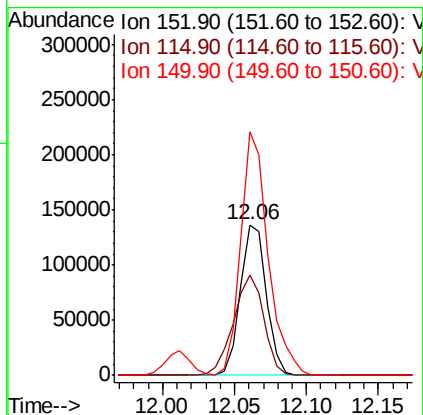
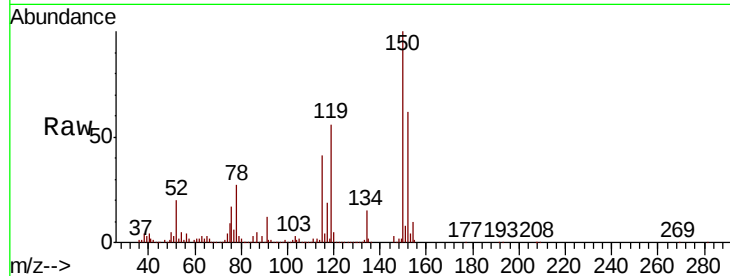


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :

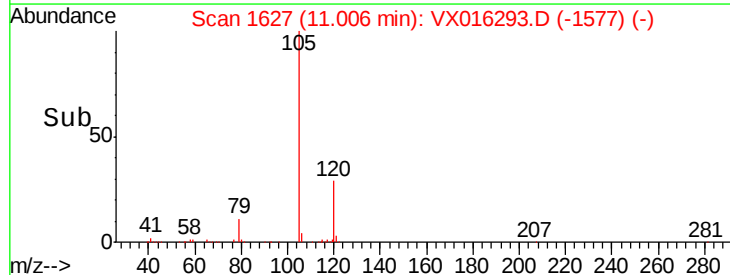
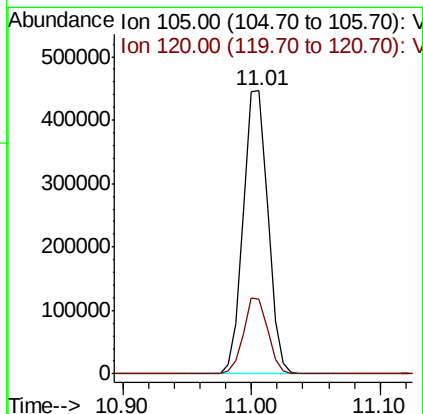
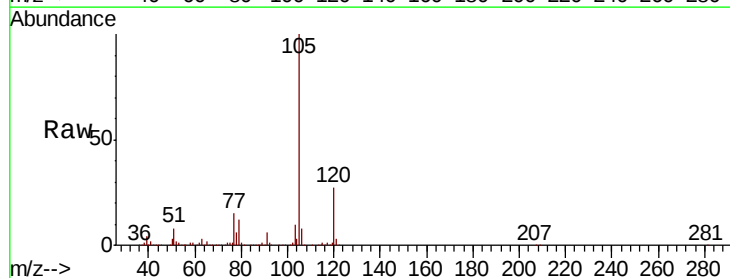
Tot Ion	Ratio	Lower	Upper
152	100		
115	78.0	41.3	124.1
150	170.9	0.0	352.2

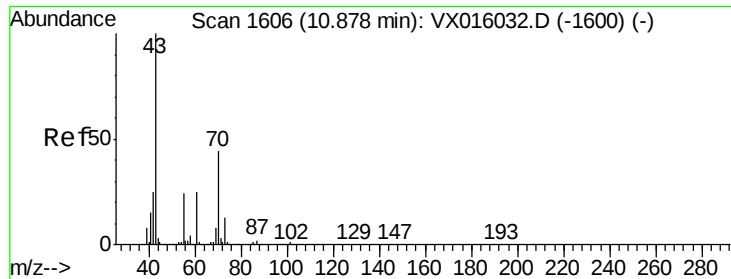


#73

Isopropylbenzene
Concen: 47.329 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.4	40.2





#74

N-amvl acetate

Concen: 46.517 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 269647

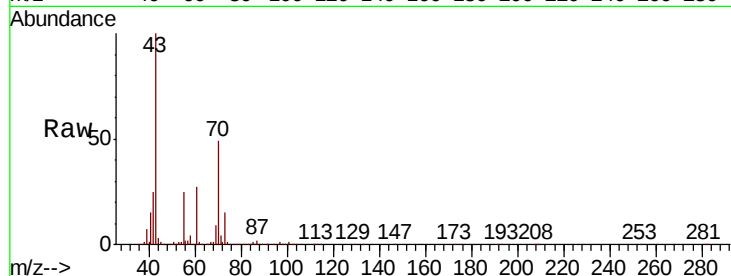
Ion Ratio Lower Upper

43 100

70 48.0 36.5 54.7

55 26.1 19.7 29.5

61 26.8 20.9 31.3

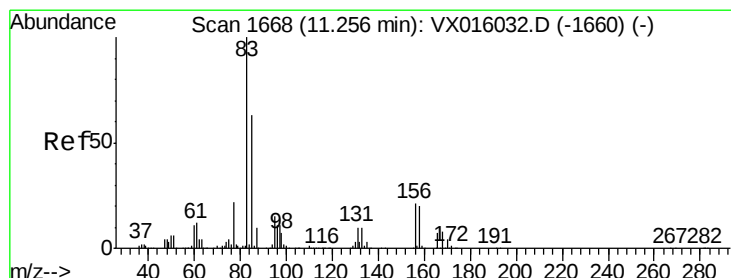
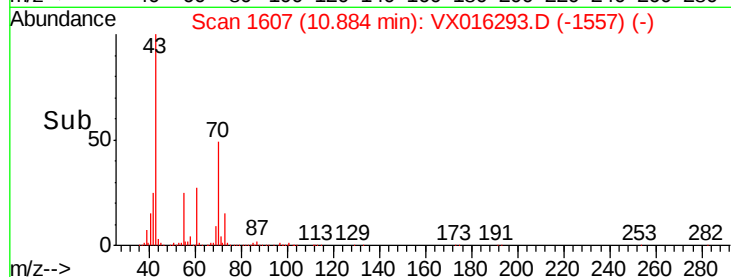
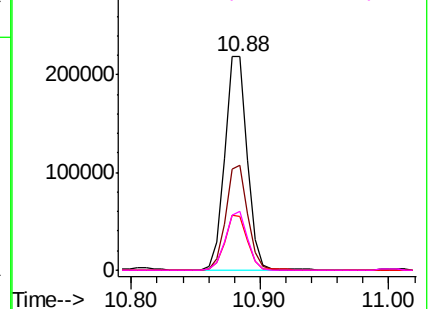


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 75.581 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

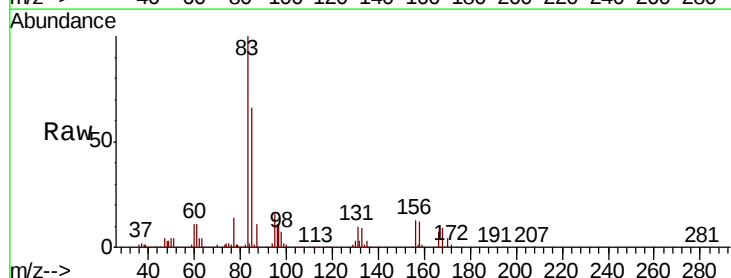
Tgt Ion: 83 Resp: 196072

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

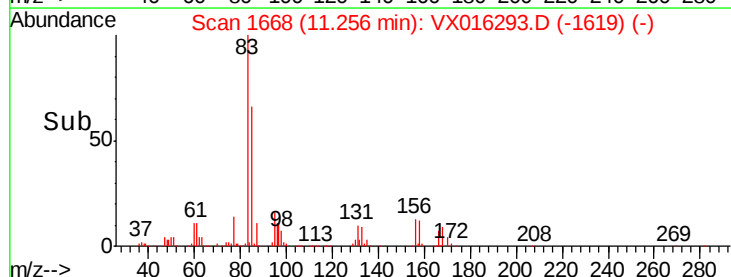
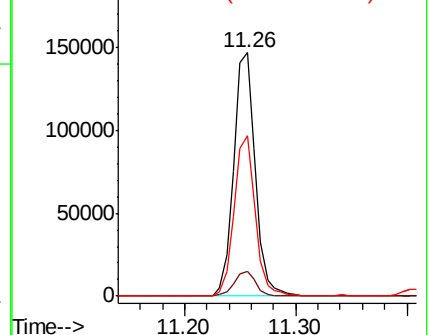
85 64.9 32.0 96.0

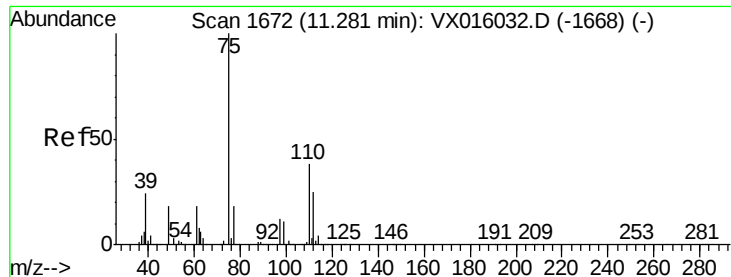


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 69.318 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

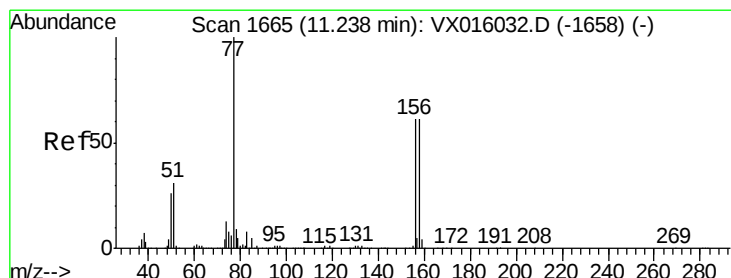
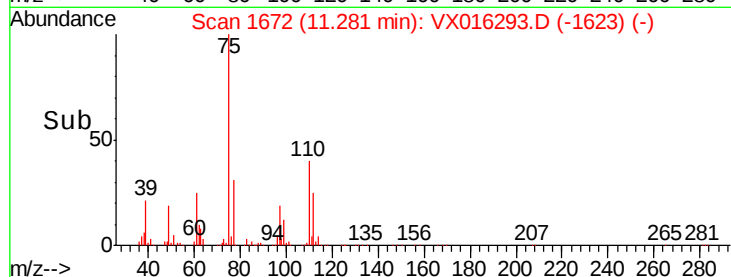
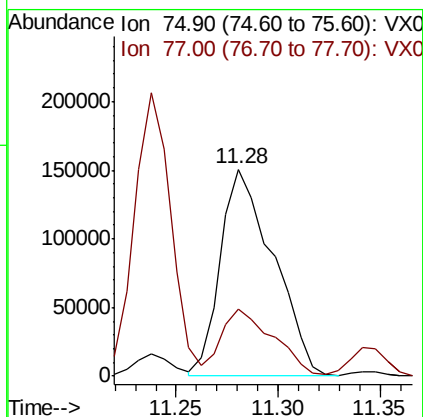
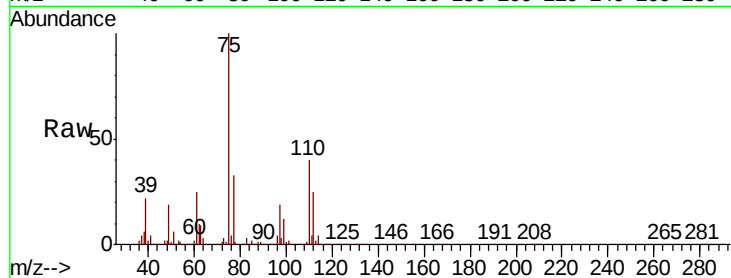
ClientSampleId :

Tot Ion: 75 Resp: 268766

Ion Ratio Lower Upper

75 100

77 32.1 21.2 63.6



#77

Bromobenzene

Concen: 50.489 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

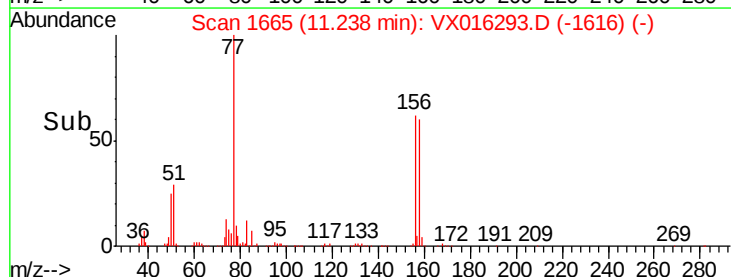
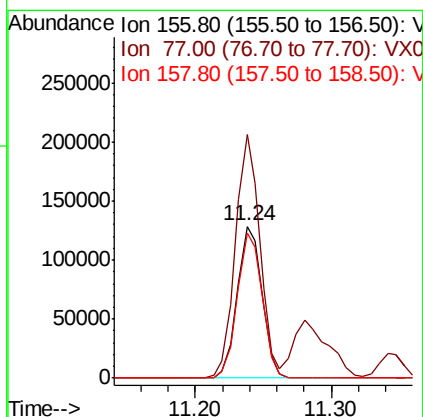
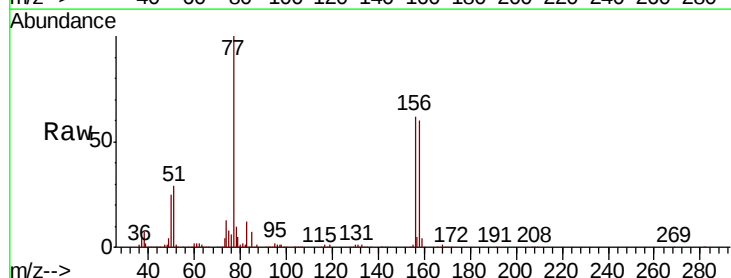
Tgt Ion: 156 Resp: 161957

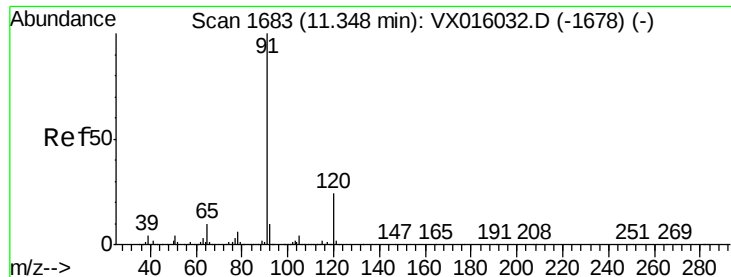
Ion Ratio Lower Upper

156 100

77 159.5 80.1 240.3

158 96.3 49.4 148.2





#78

n-propylbenzene

Concen: 45.549 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

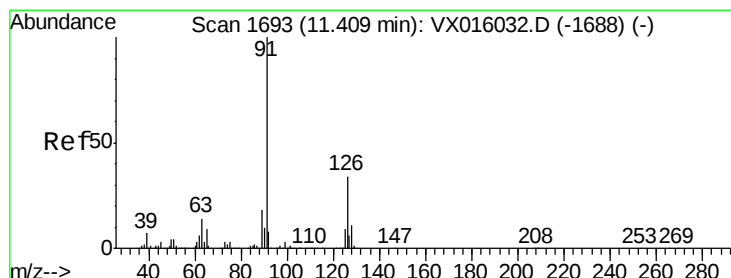
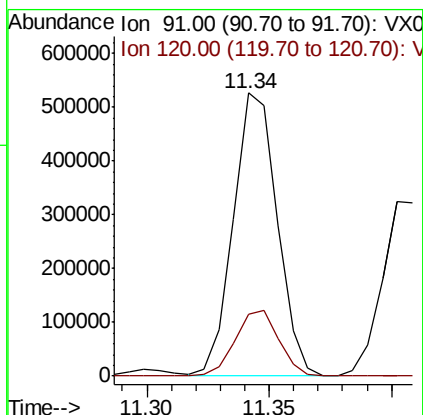
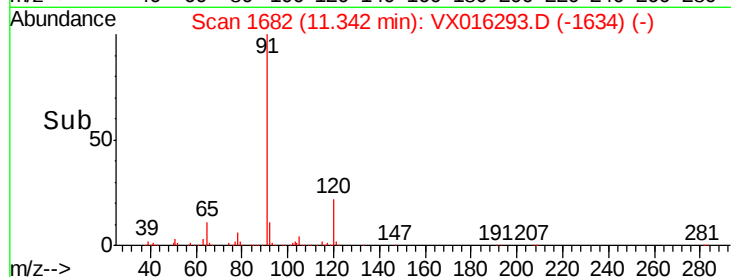
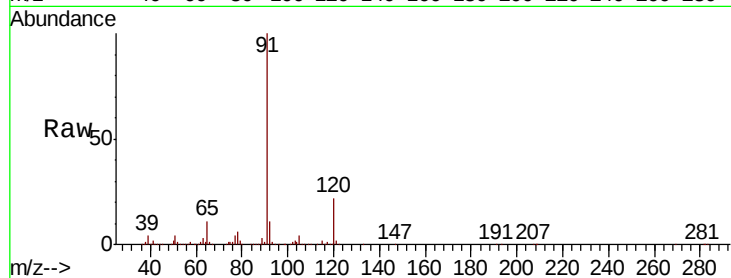
ClientSampleId :

Tot Ion: 91 Resp: 658527

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5



#79

2-Chlorotoluene

Concen: 49.186 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016293.D

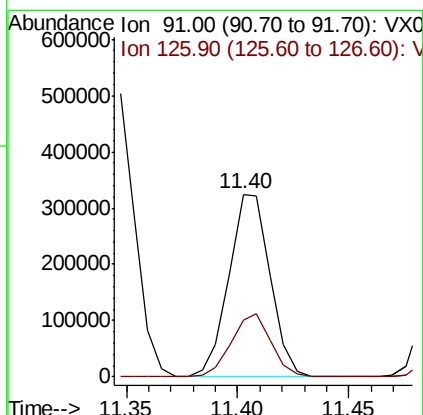
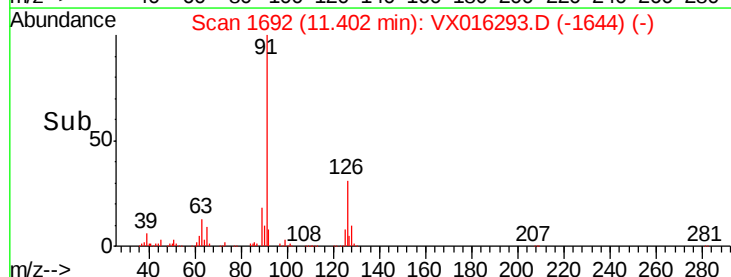
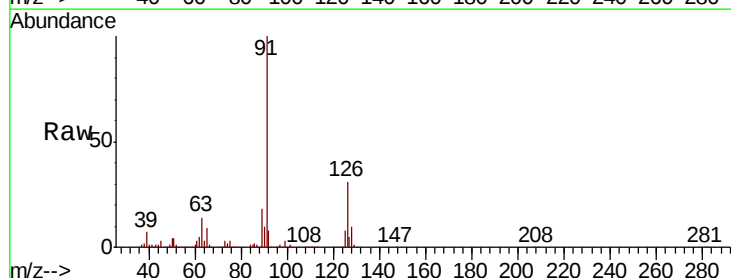
Acq: 15 May 2020 19:59

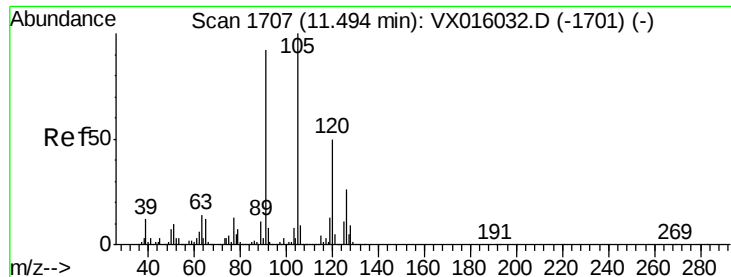
Tgt Ion: 91 Resp: 419749

Ion Ratio Lower Upper

91 100

126 33.2 16.9 50.6

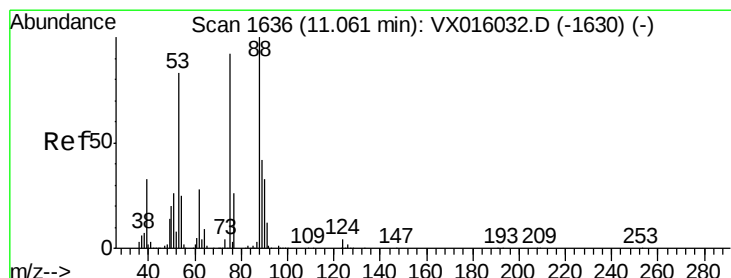
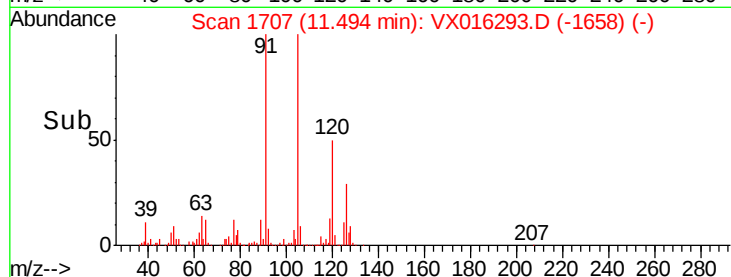
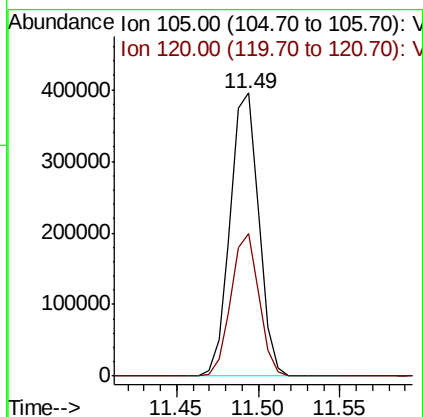
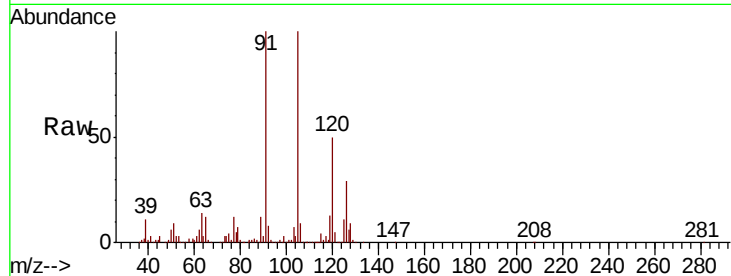




#80
 1,3,5-Trimethylbenzene
 Concen: 46.007 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

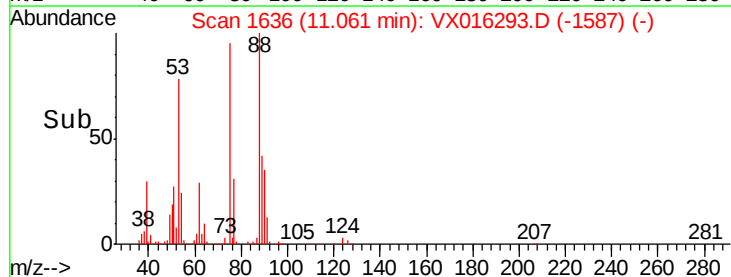
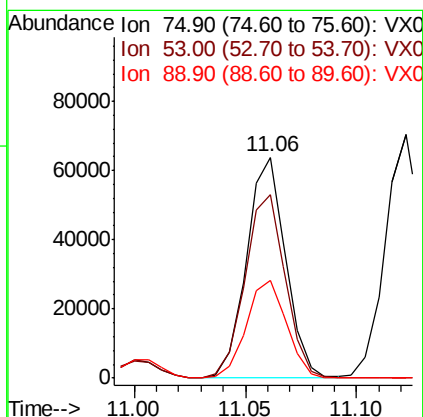
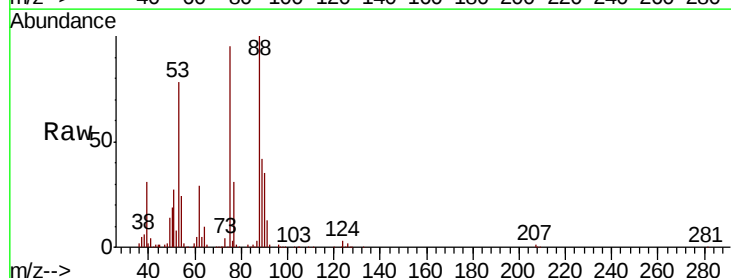
Instrument :
 MSVOA_X
 ClientSampleId :

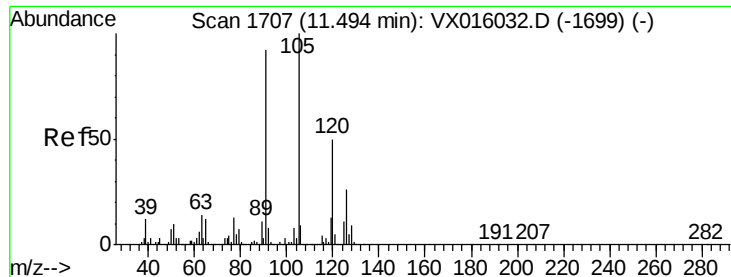
Tot Ion:105 Resp: 482754
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.663 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion: 75 Resp: 77549
 Ion Ratio Lower Upper
 75 100
 53 85.6 73.1 109.7
 89 45.9 36.7 55.1

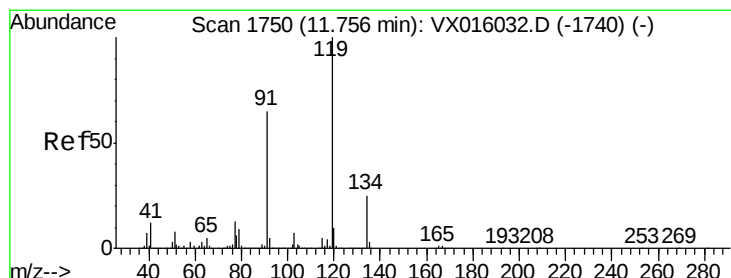
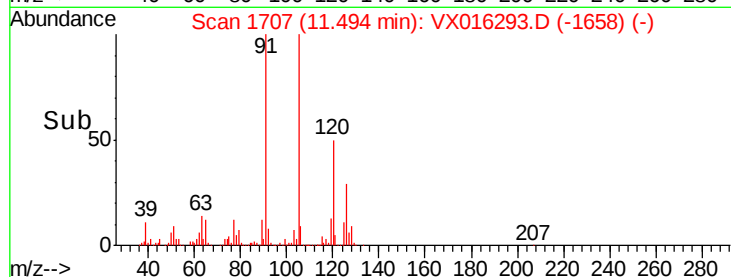
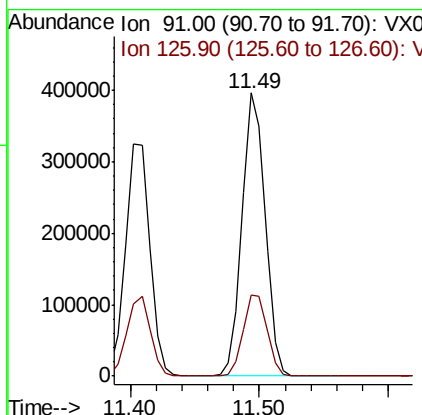
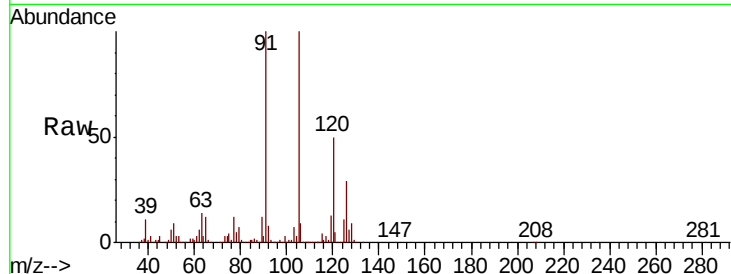




#82
4-Chlorotoluene
Concen: 48.951 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

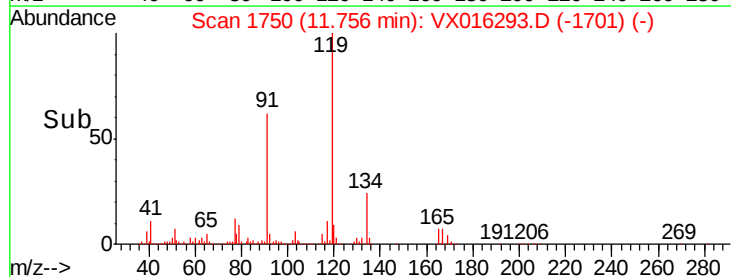
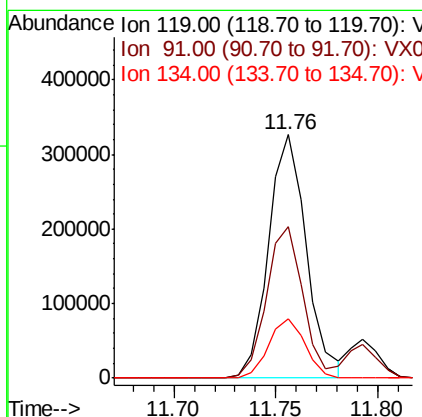
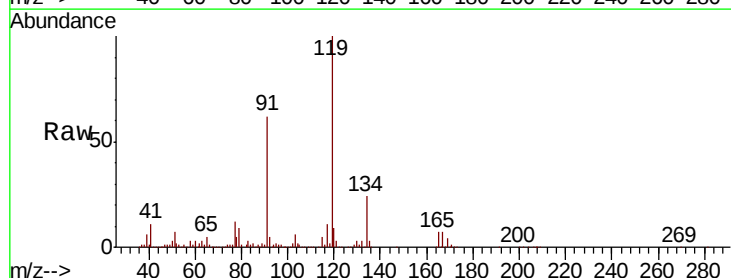
Instrument :
MSVOA_X
ClientSampleId :

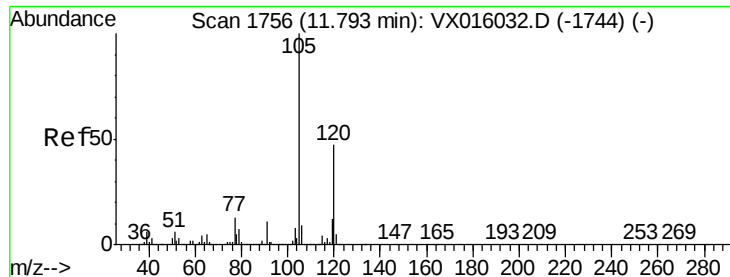
Tot Ion: 91 Resp: 493304
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.3



#83
tert-Butylbenzene
Concen: 46.680 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 119 Resp: 422121
Ion Ratio Lower Upper
119 100
91 59.4 32.8 98.4
134 23.5 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 46.604 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

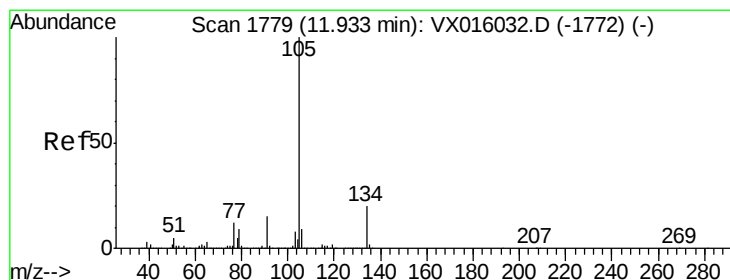
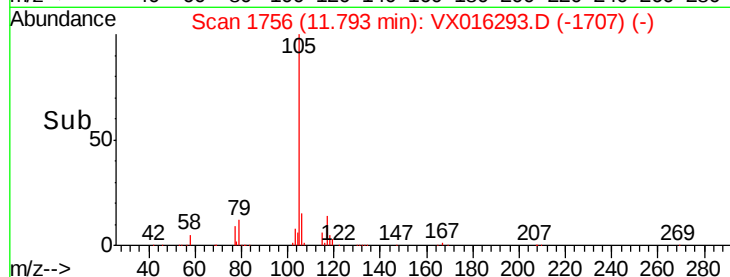
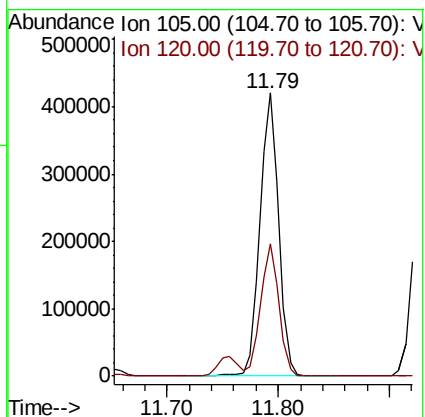
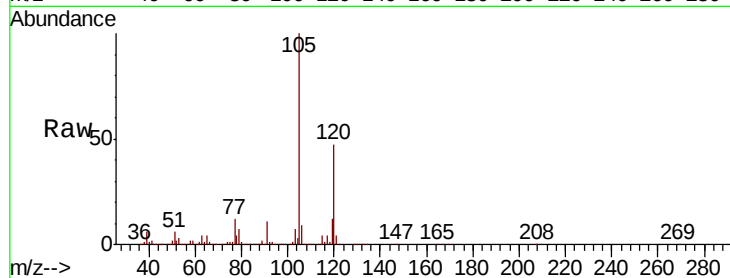
ClientSampleId :

Tot Ion:105 Resp: 494390

Ion Ratio Lower Upper

105 100

120 45.7 23.0 69.0



#85

sec-Butylbenzene

Concen: 39.642 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016293.D

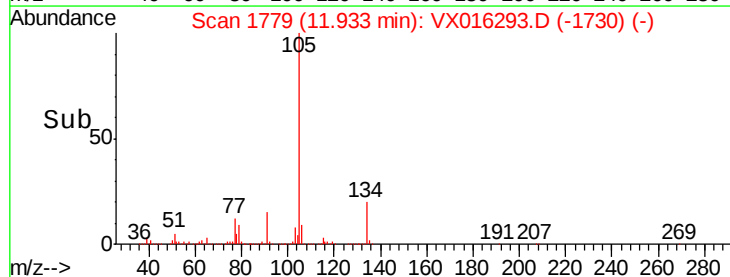
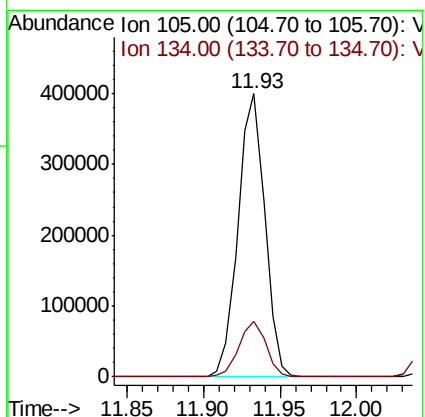
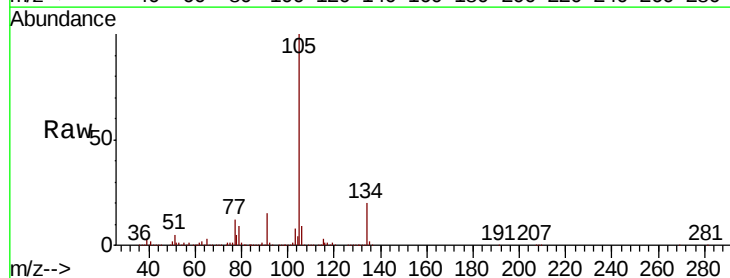
Acq: 15 May 2020 19:59

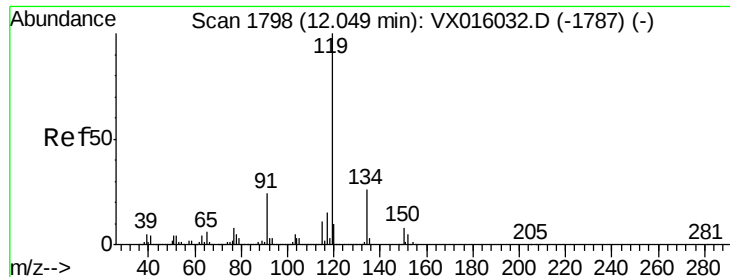
Tgt Ion:105 Resp: 484009

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.3

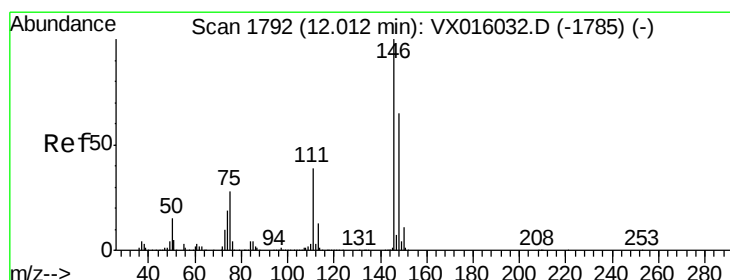
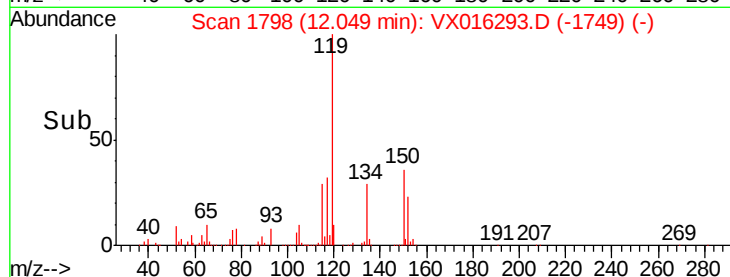
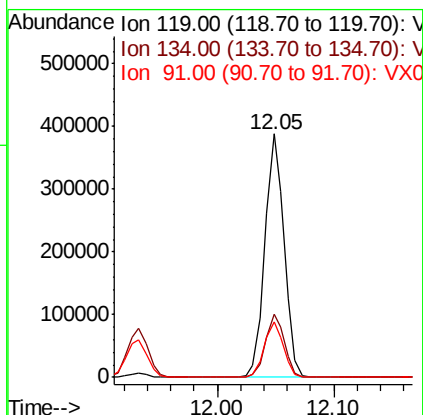
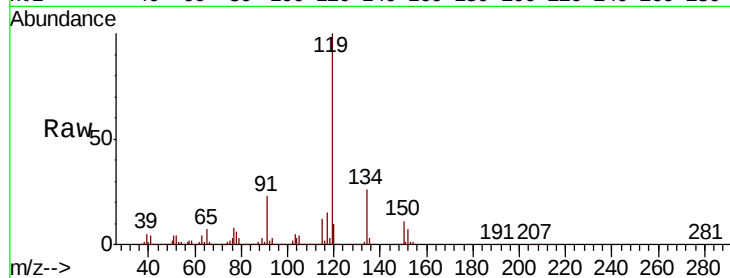




#86
p-Isopropyltoluene
Concen: 39.448 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

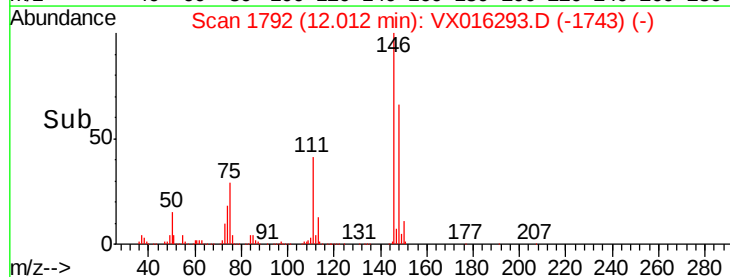
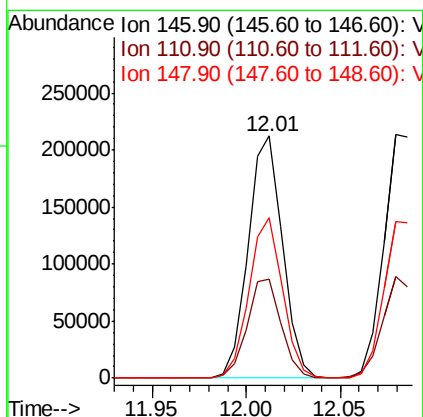
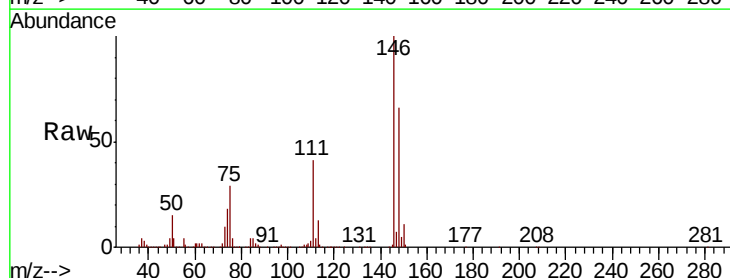
Instrument :
MSVOA_X
ClientSampleId :

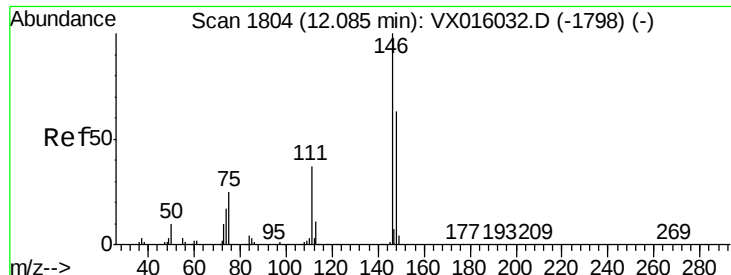
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.3
91	22.8	11.8	35.4



#87
1,3-Dichlorobenzene
Concen: 46.382 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.6
148	64.8	32.1	96.3

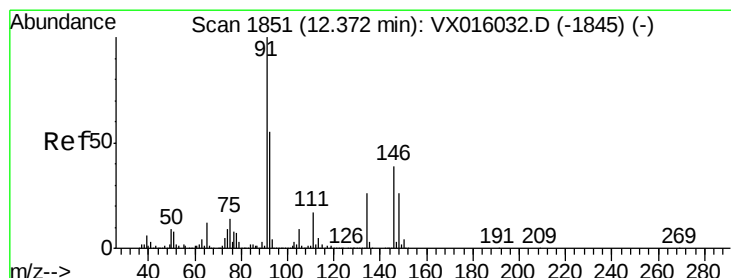
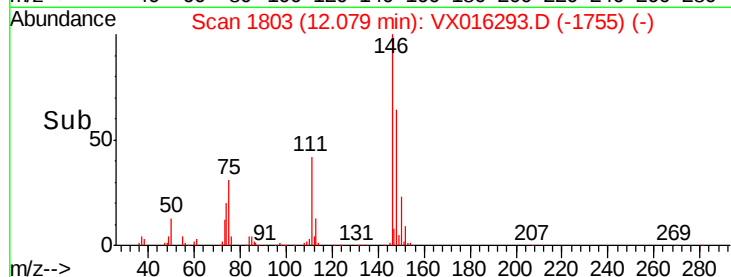
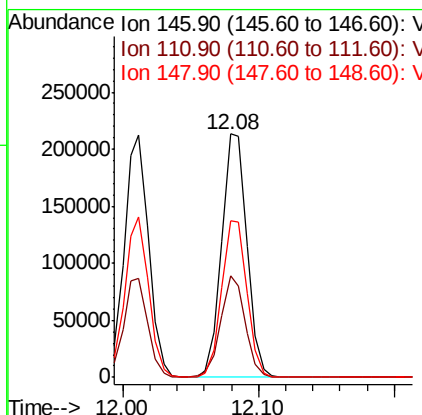
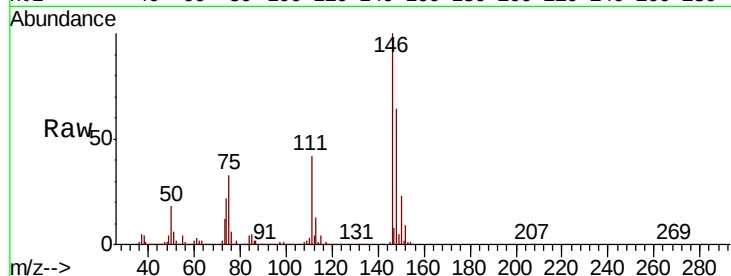




#88
 1,4-Dichlorobenzene
 Concen: 46.894 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

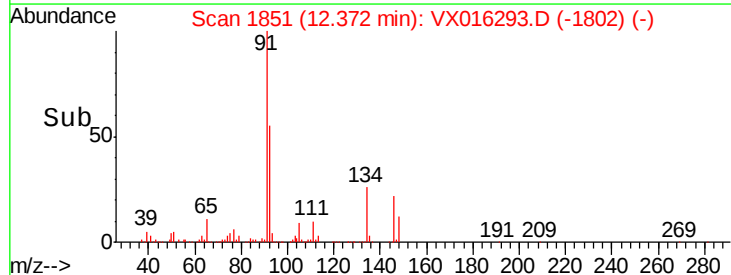
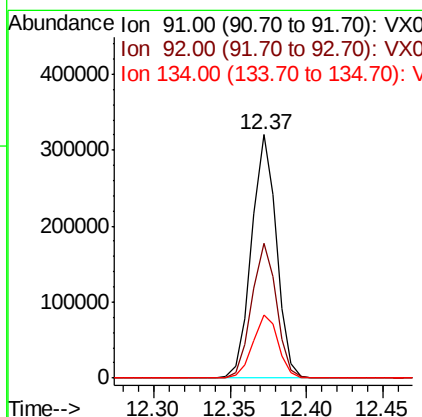
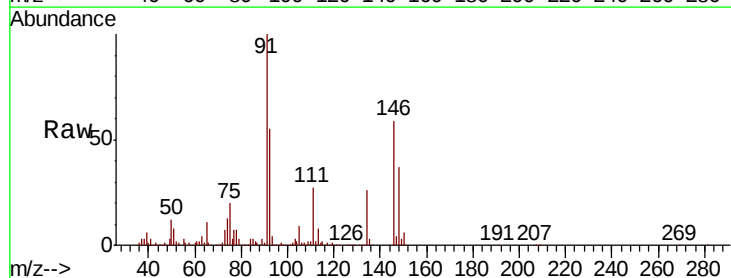
Instrument :
 MSVOA_X
 ClientSampleId :

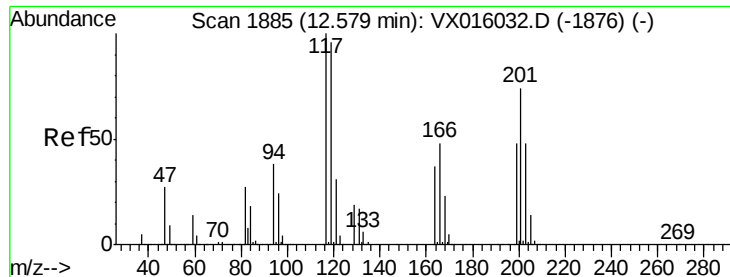
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.6	58.7
148	64.6	31.8	95.3



#89
 n-Butylbenzene
 Concen: 34.886 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.6	82.7
134	26.7	13.4	40.1





#90

Hexachloroethane

Concen: 41.400 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

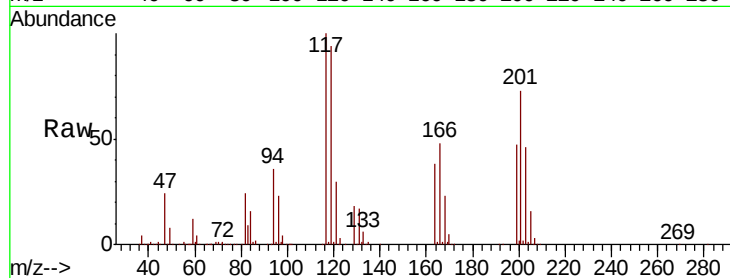
ClientSampleId :

Tot Ion:117 Resp: 80600

Ion Ratio Lower Upper

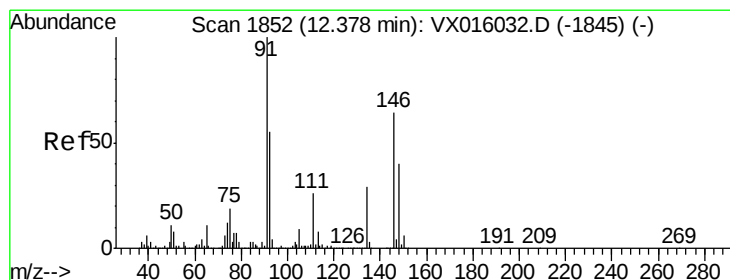
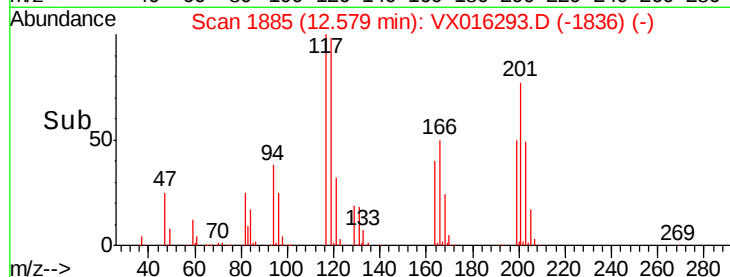
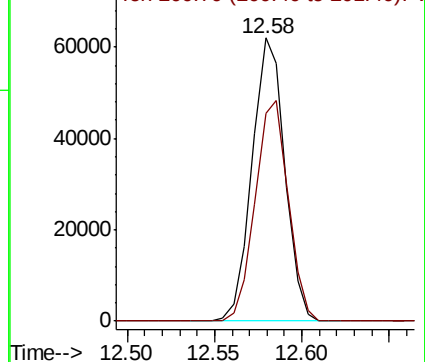
117 100

201 79.0 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.743 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

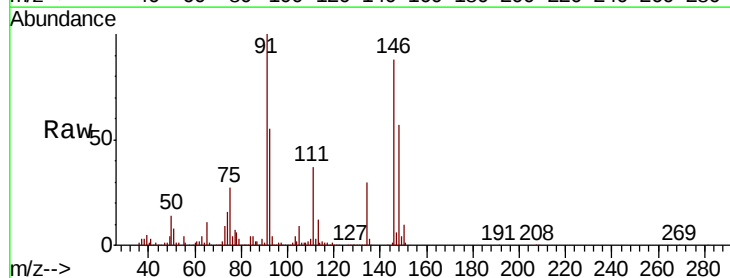
Tgt Ion:146 Resp: 264785

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.1

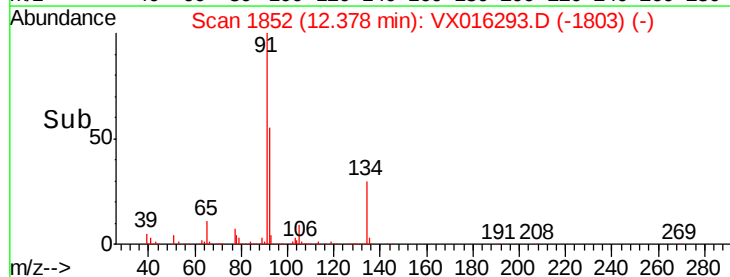
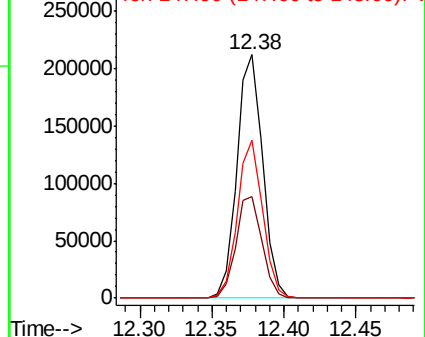
148 63.5 32.4 97.0

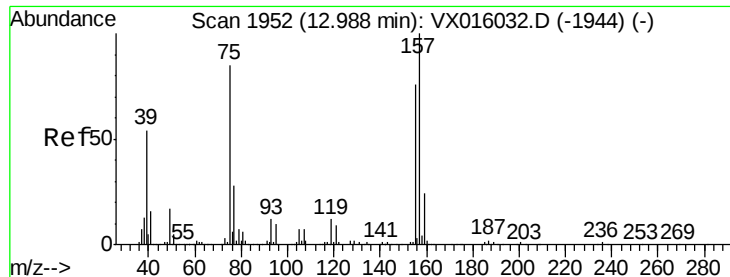


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.426 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

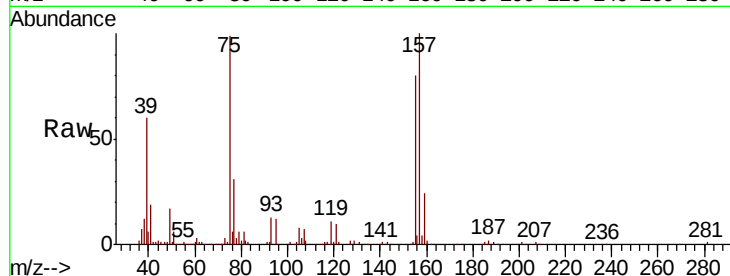
Tot Ion: 75 Resp: 54595

Ion Ratio Lower Upper

75 100

155 89.0 42.5 127.5

157 111.6 55.3 165.8



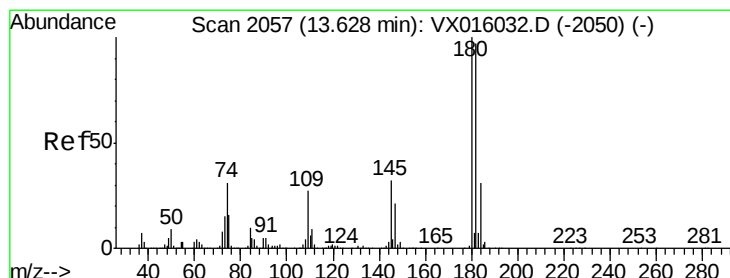
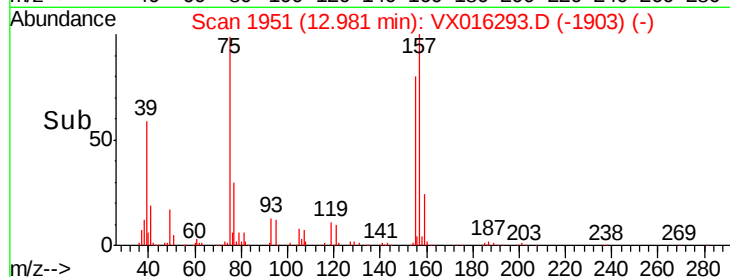
Abundance Ion 74.90 (74.60 to 75.60): VX016293.D (-1903) (-)

Ion 154.80 (154.50 to 155.50): VX016293.D (-1903) (-)

Ion 156.80 (156.50 to 157.50): VX016293.D (-1903) (-)

12.98

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 39.540 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

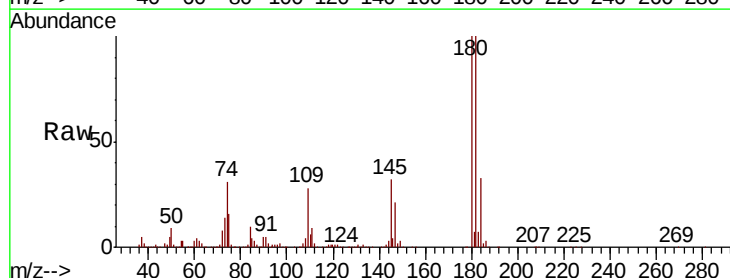
Tgt Ion: 180 Resp: 162352

Ion Ratio Lower Upper

180 100

182 95.4 48.7 146.1

145 31.0 15.7 47.1



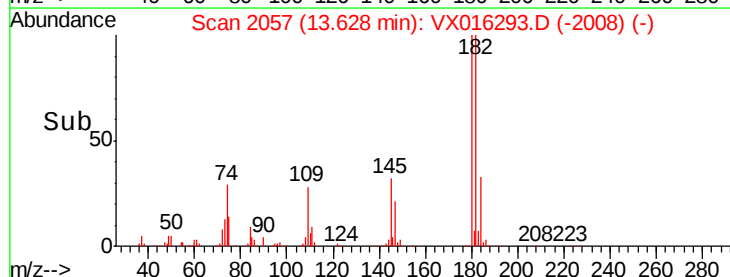
Abundance Ion 179.80 (179.50 to 180.50): VX016293.D (-2008) (-)

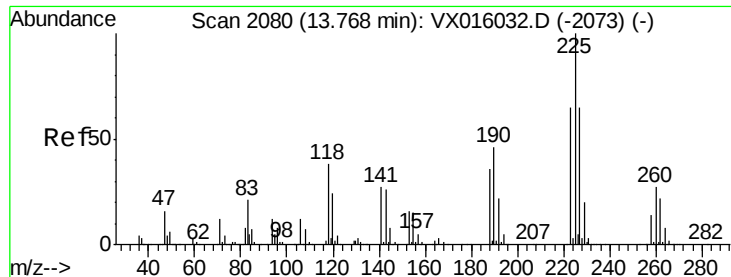
Ion 181.80 (181.50 to 182.50): VX016293.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX016293.D (-2008) (-)

13.63

Time-->





#94

Hexachlorobutadiene

Concen: 27.776 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

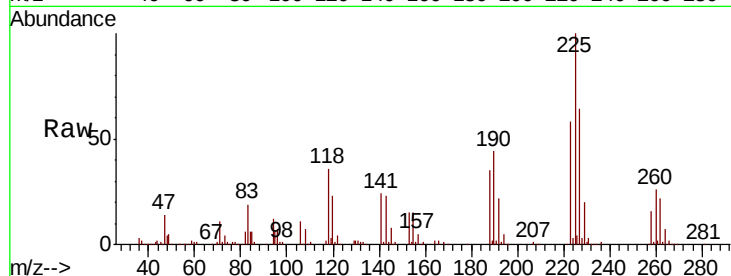
Tot Ion:225 Resp: 48694

Ion Ratio Lower Upper

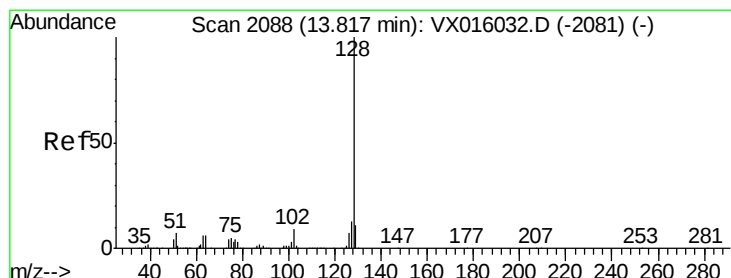
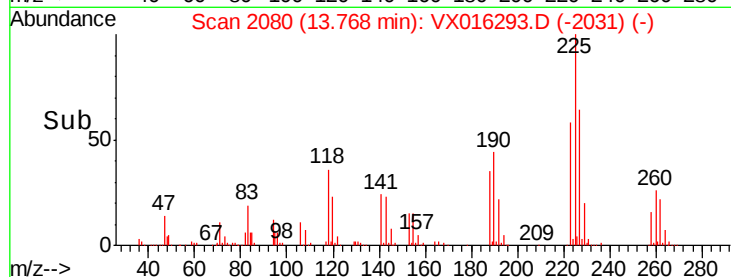
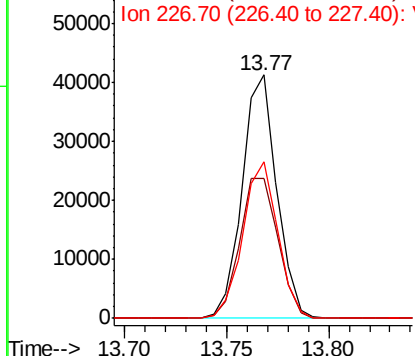
225 100

223 63.7 32.3 96.9

227 64.8 31.8 95.4



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



#95

Naphthalene

Concen: 48.084 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

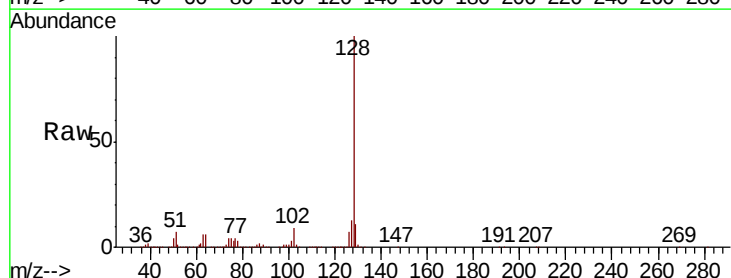
Tgt Ion:128 Resp: 639300

Ion Ratio Lower Upper

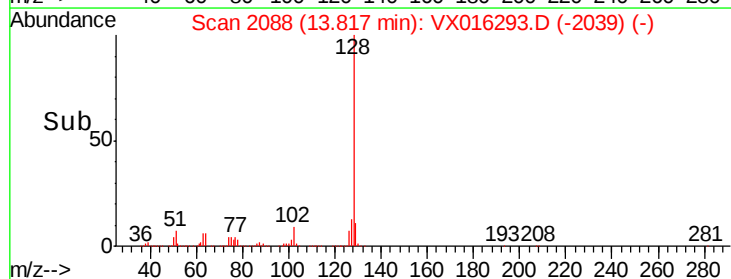
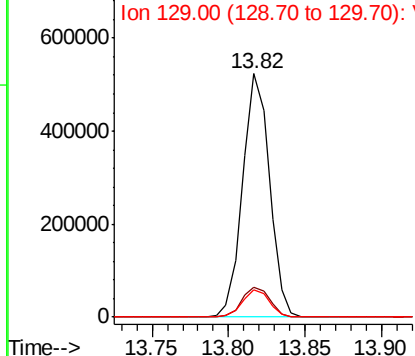
128 100

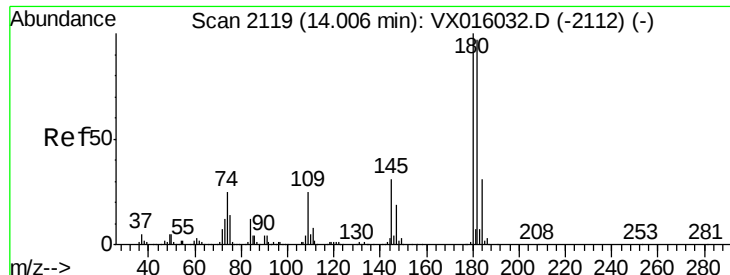
127 12.7 10.2 15.4

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

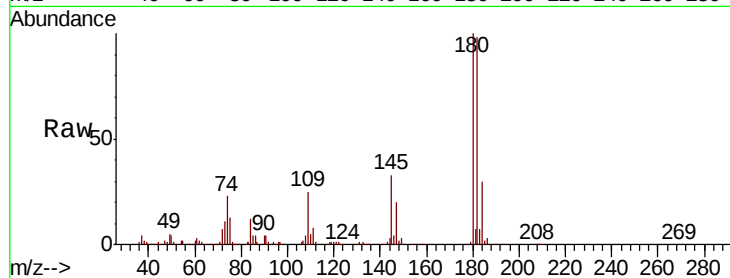




#96
 1,2,3-Trichlorobenzene
 Concen: 40.354 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.4	145.0
145	33.2	16.4	49.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

