

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016269.D
 Acq On : 15 May 2020 10:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 06:38:47 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	5.62	168	257191	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	410609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	386336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194695	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	157931	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
35) Dibromofluoromethane	5.46	113	125619	48.29	ug/l	-0.01
Spiked Amount			Recovery	=	96.58%	
50) Toluene-d8	8.70	98	487057	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.12	95	189989	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	130409	47.904	ug/l	100
3) Chloromethane	1.31	50	143948	45.532	ug/l	99
4) Vinyl Chloride	1.39	62	151269	44.847	ug/l	100
5) Bromomethane	1.62	94	70584	41.508	ug/l	99
6) Chloroethane	1.70	64	92970	45.301	ug/l	100
7) Trichlorofluoromethane	1.91	101	204043	46.078	ug/l	99
8) Diethyl Ether	2.17	74	87678	46.992	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114975	45.003	ug/l	100
10) Methyl Iodide	2.49	142	136751	39.849	ug/l	99
11) Tert butyl alcohol	3.01	59	194455	227.215	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115185	43.084	ug/l	98
13) Acrolein	2.27	56	219797	410.419	ug/l	99
14) Allyl chloride	2.70	41	217811	44.433	ug/l	95
15) Acrylonitrile	3.11	53	429283	241.795	ug/l	99
16) Acetone	2.42	43	324197	214.689	ug/l	97
17) Carbon Disulfide	2.55	76	328688	40.901	ug/l	100
18) Methyl Acetate	2.75	43	188799	50.849	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	460736	49.991	ug/l	100
20) Methylene Chloride	2.83	84	140365	45.090	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	132073	44.330	ug/l	96
22) Diisopropyl ether	3.82	45	437741	47.334	ug/l	99
23) Vinyl Acetate	3.78	43	1940738	238.530	ug/l	99
24) 1,1-Dichloroethane	3.67	63	244654	47.292	ug/l	99
25) 2-Butanone	4.63	43	571920	235.035	ug/l	99
26) 2,2-Dichloropropane	4.54	77	218035	46.150	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	156610	48.083	ug/l	97
28) Bromochloromethane	4.98	49	109533	46.433	ug/l	96
29) Tetrahydrofuran	5.09	42	385044	238.811	ug/l	98
30) Chloroform	5.17	83	245943	47.748	ug/l	100
31) Cyclohexane	5.54	56	210345	44.739	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	219855	46.957	ug/l	99
36) 1,1-Dichloropropene	5.76	75	185003	45.772	ug/l	99
37) Ethyl Acetate	4.79	43	219022	46.753	ug/l	98
38) Carbon Tetrachloride	5.75	117	194041	47.232	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	216345	44.447	ug/l	99
40) Benzene	6.11	78	563190	47.622	ug/l	100
41) Methacrylonitrile	5.00	41	119753	47.334	ug/l	98
42) 1,2-Dichloroethane	6.16	62	198528	46.600	ug/l	99
43) Isopropyl Acetate	6.41	43	357185	47.787	ug/l	98
44) Trichloroethene	7.18	130	187997	44.746	ug/l	97
45) 1,2-Dichloropropane	7.49	63	149098	49.825	ug/l	99
46) Dibromomethane	7.63	93	98889	48.628	ug/l	99
47) Bromodichloromethane	7.87	83	206464	49.850	ug/l	98
48) Methyl methacrylate	7.74	41	169332	47.810	ug/l	95
49) 1,4-Dioxane	7.71	88	78996	929.982	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1136985	248.578	ug/l	98
52) Toluene	8.76	92	365161	49.537	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	240385	48.679	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	254775	49.394	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	147227	50.764	ug/l	99
56) Ethyl methacrylate	9.16	69	246375	52.043	ug/l	94
57) 1,3-Dichloropropane	9.35	76	254417	50.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	658131	261.131	ug/l	100
59) 2-Hexanone	9.47	43	878073	244.450	ug/l	96
60) Dibromochloromethane	9.57	129	165676	51.868	ug/l	98
61) 1,2-Dibromoethane	9.65	107	157689	50.196	ug/l	100
64) Tetrachloroethene	9.32	164	219105	46.198	ug/l	97
65) Chlorobenzene	10.12	112	384947	47.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	149211	49.904	ug/l	99
67) Ethyl Benzene	10.23	91	686182	47.541	ug/l	98
68) m/p-Xylenes	10.34	106	529029	97.828	ug/l	99
69) o-Xylene	10.68	106	257939	49.622	ug/l	97
70) Styrene	10.70	104	441054	50.014	ug/l	100
71) Bromoform	10.84	173	130462	53.556	ug/l #	99
73) Isopropylbenzene	11.00	105	682992	48.230	ug/l	99
74) N-amyl acetate	10.88	43	311856	47.213	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	161958	57.178	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	295289	66.836	ug/l	83
77) Bromobenzene	11.24	156	170333	46.600	ug/l	98
78) n-propylbenzene	11.34	91	785406	47.675	ug/l	100
79) 2-Chlorotoluene	11.41	91	470850	48.420	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	580928	48.587	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90607	48.873	ug/l	96
82) 4-Chlorotoluene	11.49	91	549645	47.865	ug/l	100
83) tert-Butylbenzene	11.76	119	498405	48.370	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	590092	48.816	ug/l	99
85) sec-Butylbenzene	11.93	105	645149	46.372	ug/l	99
86) p-Isopropyltoluene	12.05	119	610242	47.243	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	308089	46.943	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	307013	46.089	ug/l	98
89) n-Butylbenzene	12.37	91	528211	44.762	ug/l	100
90) Hexachloroethane	12.58	117	104972	47.319	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	302043	47.795	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	55130	47.346	ug/l	97

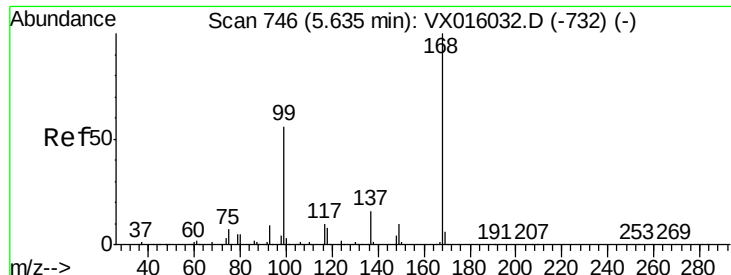
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	211389	45.181	ug/l	100
94) Hexachlorobutadiene	13.77	225	84294	41.926	ug/l	99
95) Naphthalene	13.82	128	737692	48.693	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	214358	46.879	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

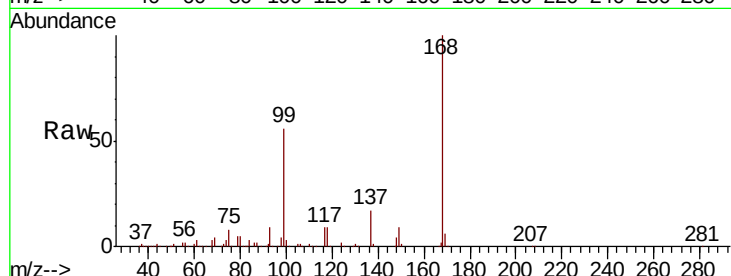
ClientSampleId :

Tot Ion:168 Resp: 257191

Ion Ratio Lower Upper

168 100

99 55.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

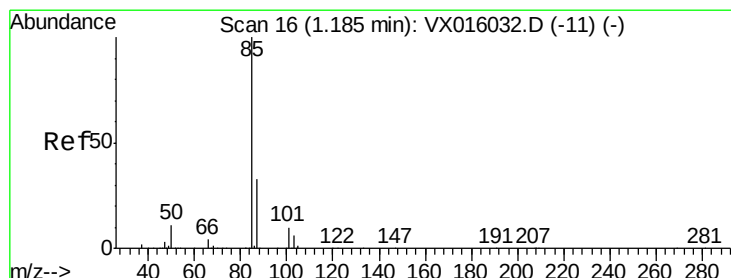
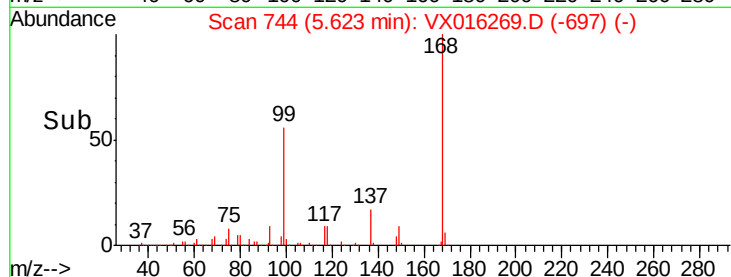
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.904 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016269.D

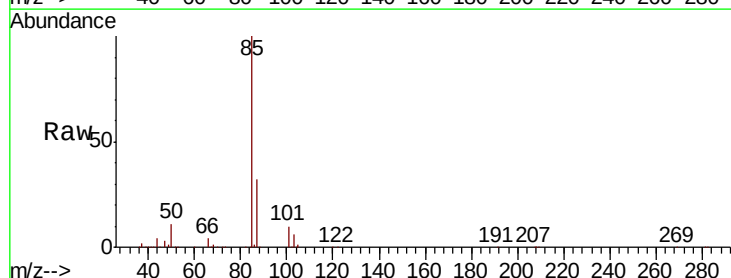
Acq: 15 May 2020 10:34

Tgt Ion: 85 Resp: 130409

Ion Ratio Lower Upper

85 100

87 32.4 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

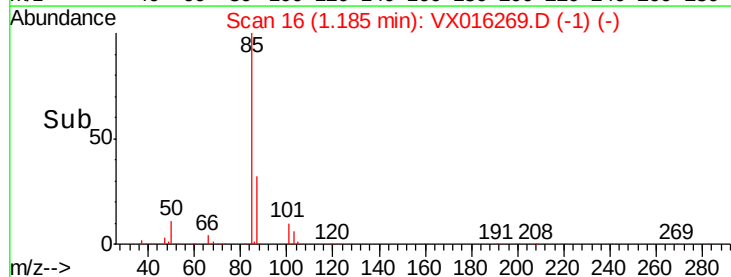
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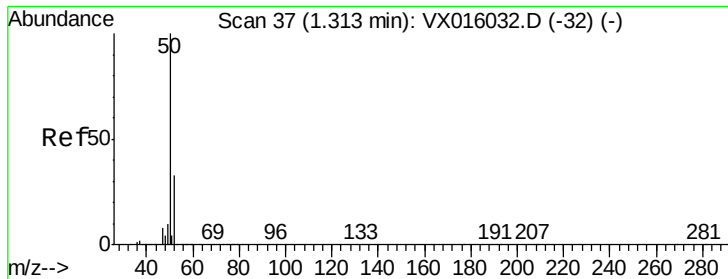
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.532 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

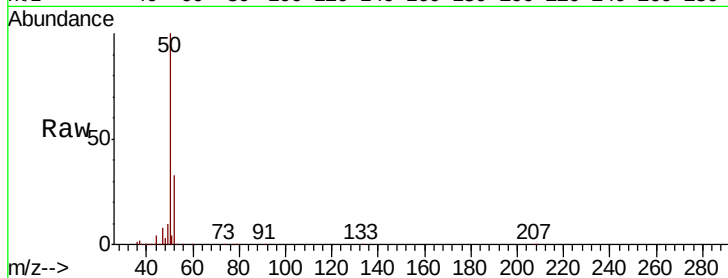
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 143948

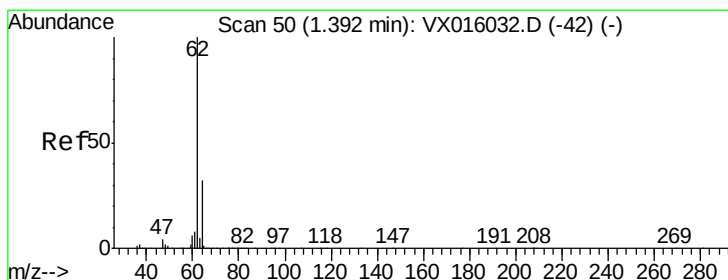
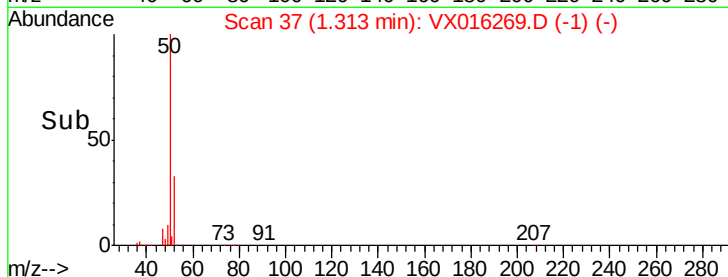
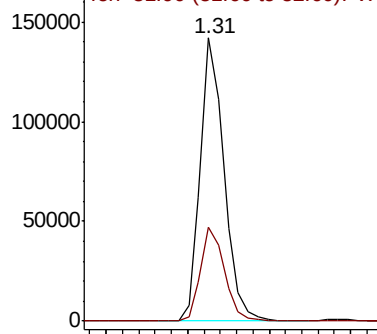
Ion Ratio Lower Upper

50 100

52 33.1 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: 44.847 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016269.D

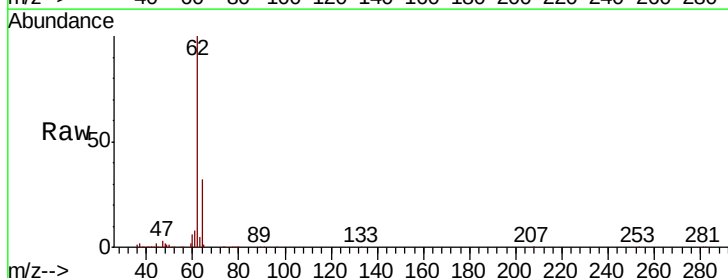
Acq: 15 May 2020 10:34

Tgt Ion: 62 Resp: 151269

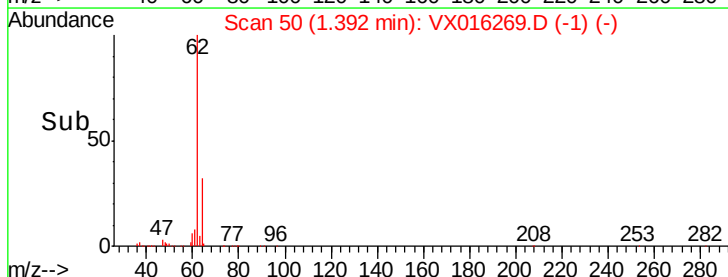
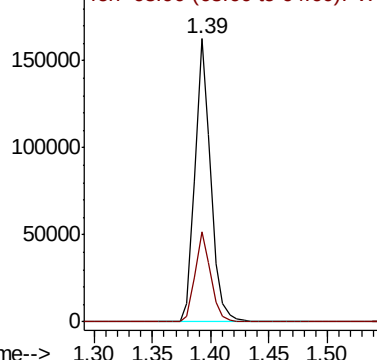
Ion Ratio Lower Upper

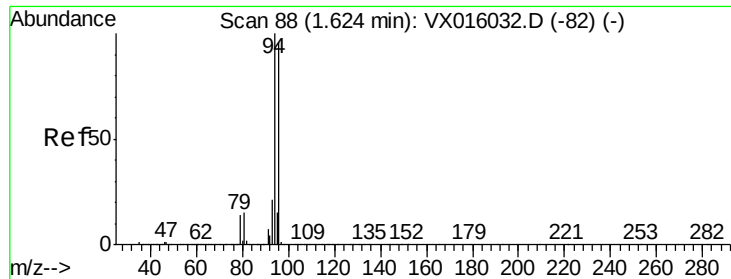
62 100

64 32.0 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: 41.508 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

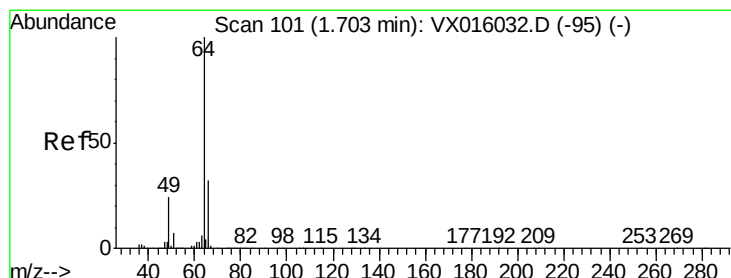
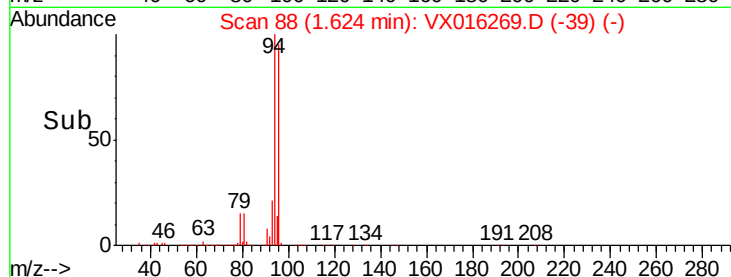
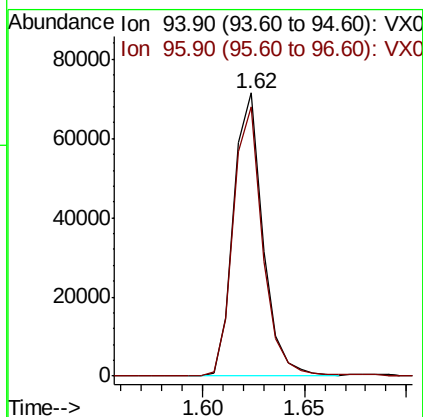
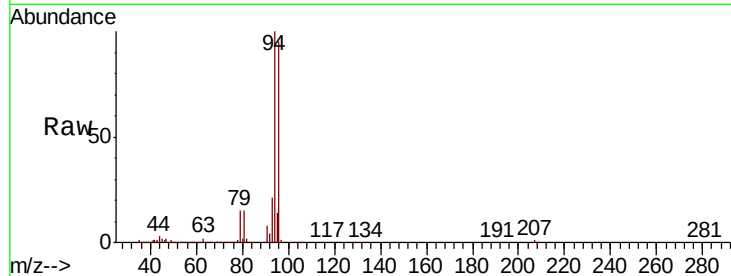
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 70584

Ion Ratio Lower Upper

94 100

96 95.3 76.9 115.3



#6

Chloroethane

Concen: 45.301 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016269.D

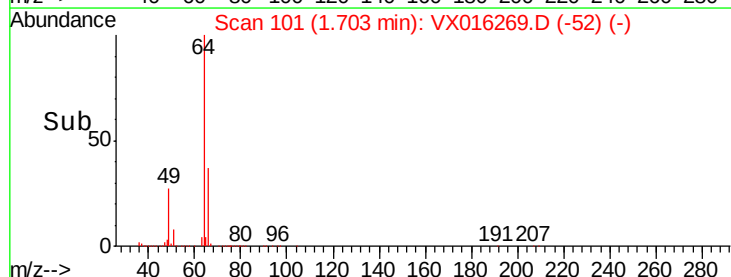
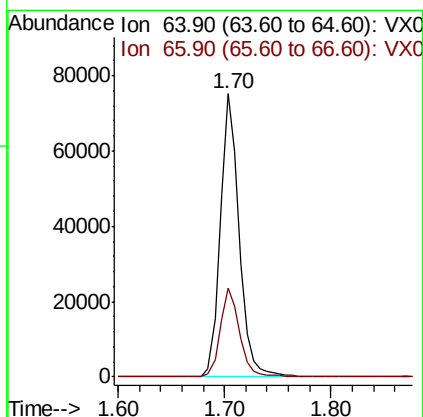
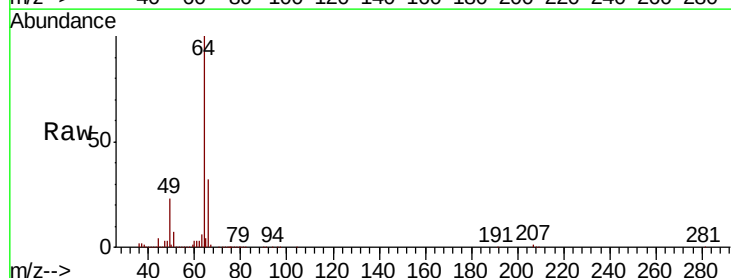
Acq: 15 May 2020 10:34

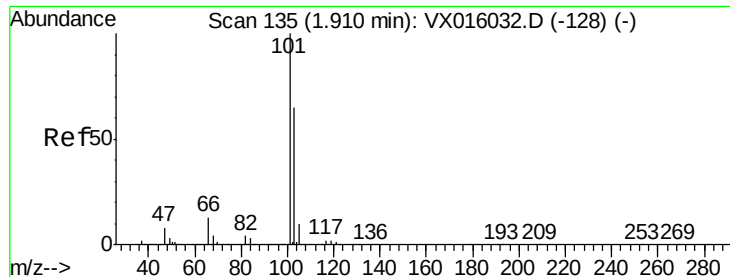
Tgt Ion: 64 Resp: 92970

Ion Ratio Lower Upper

64 100

66 31.6 25.2 37.8



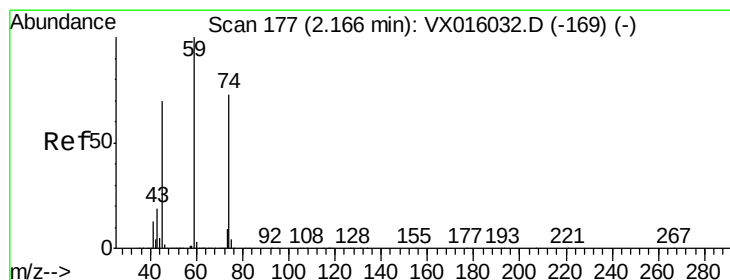
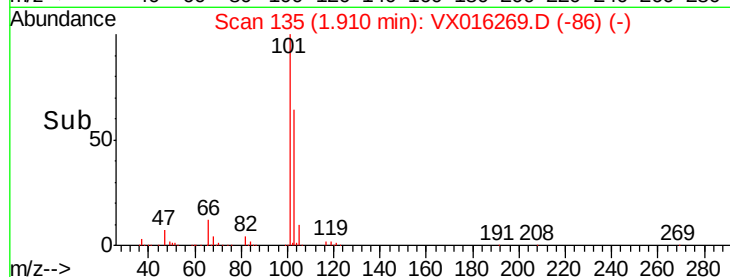
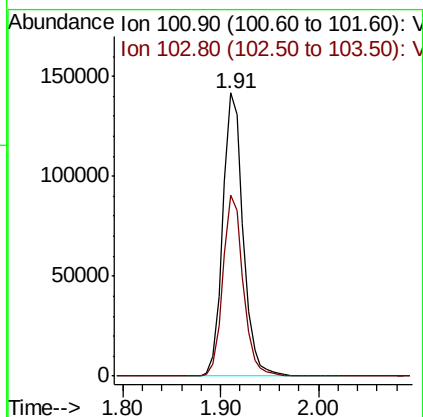
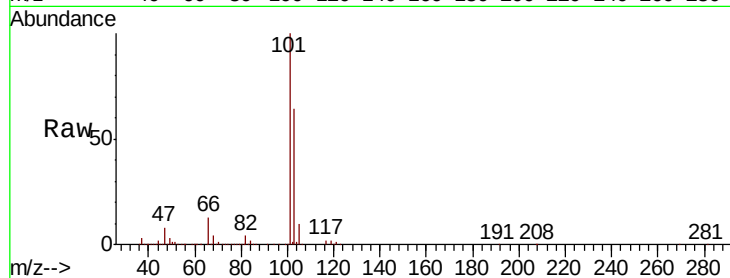


#7

Trichlorofluoromethane
Concen: 46.078 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :

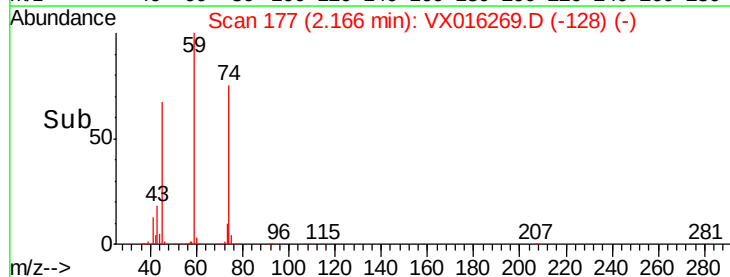
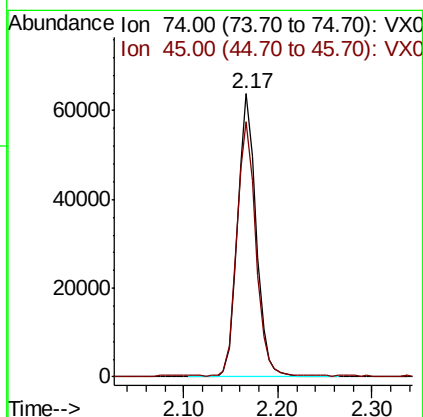
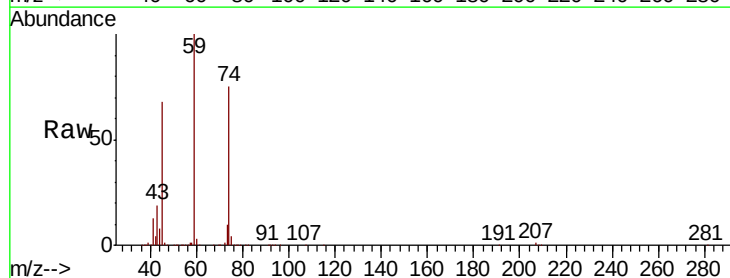
Tot Ion:101 Resp: 204043
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.6

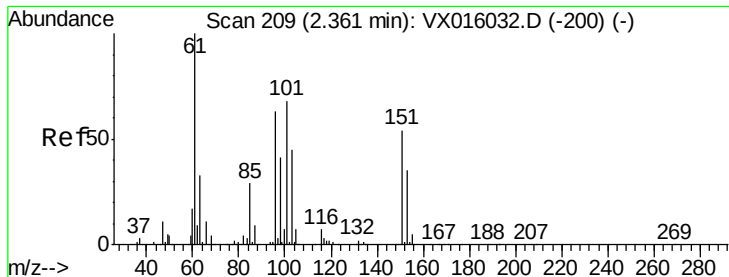


#8

Diethyl Ether
Concen: 46.992 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 74 Resp: 87678
Ion Ratio Lower Upper
74 100
45 91.6 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.003 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

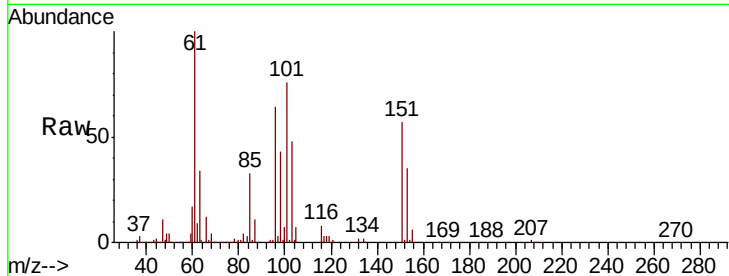
Tot Ion:101 Resp: 114975

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

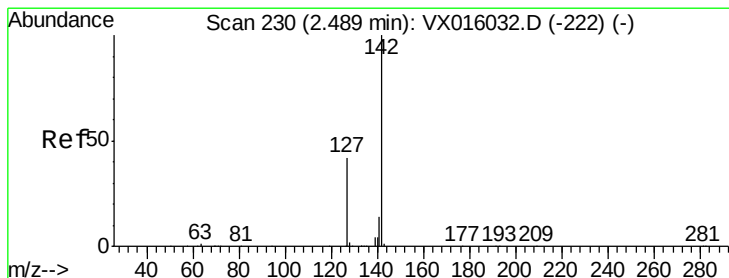
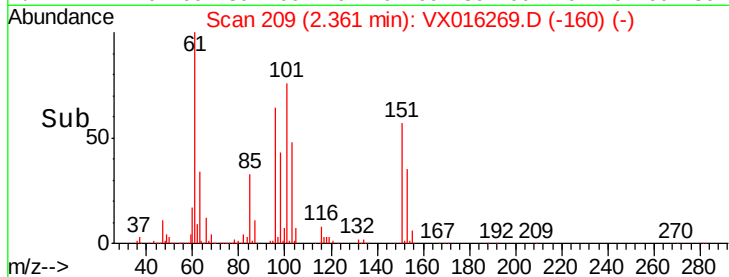
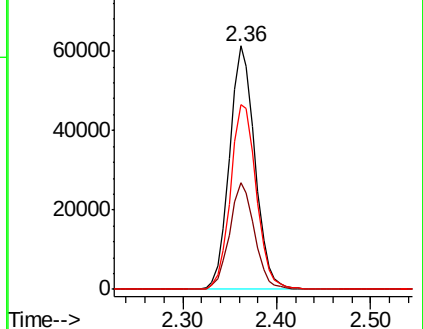
151 77.4 62.1 93.1



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: 39.849 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

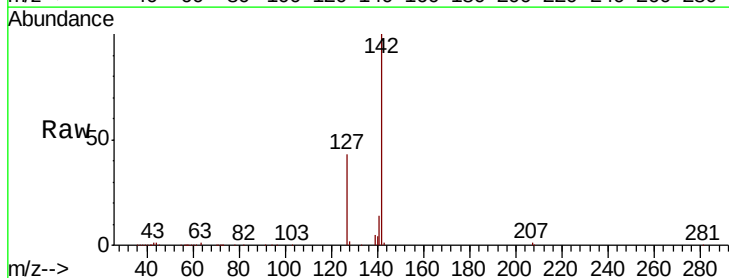
Tgt Ion:142 Resp: 136751

Ion Ratio Lower Upper

142 100

127 42.8 34.6 52.0

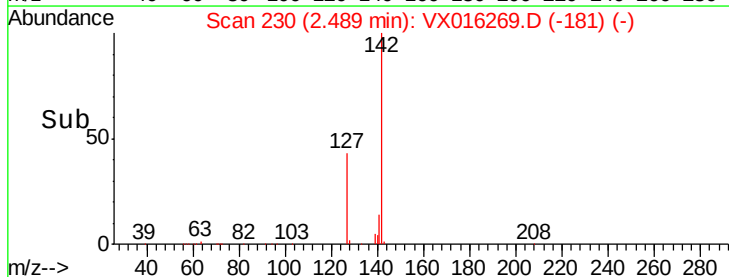
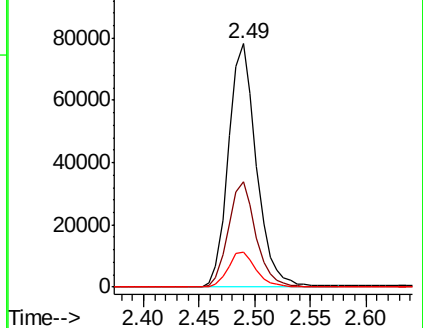
141 14.4 11.3 16.9

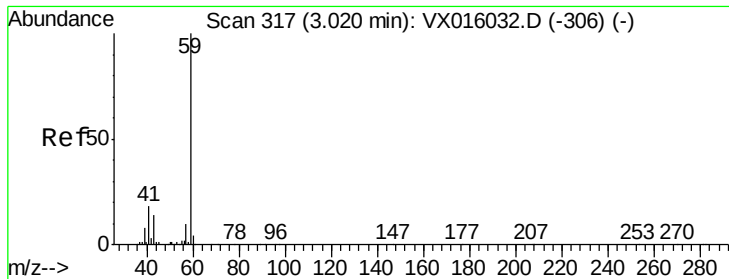


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



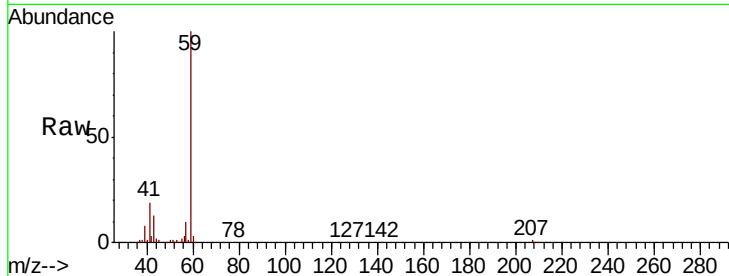


#11

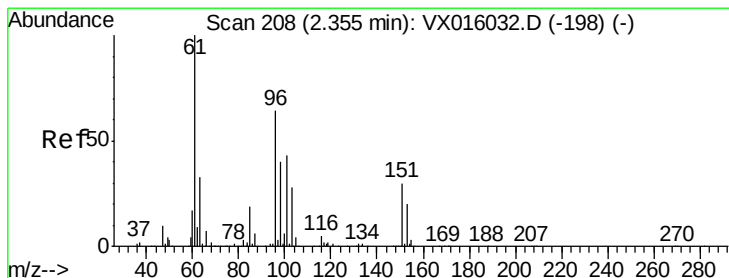
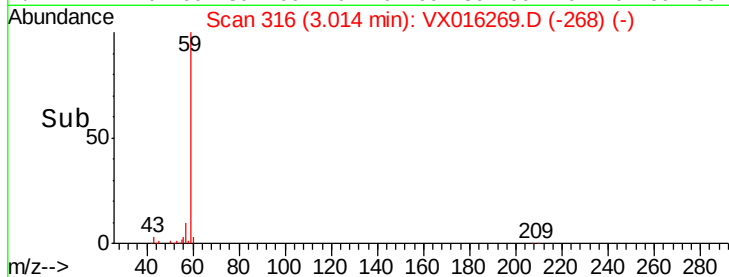
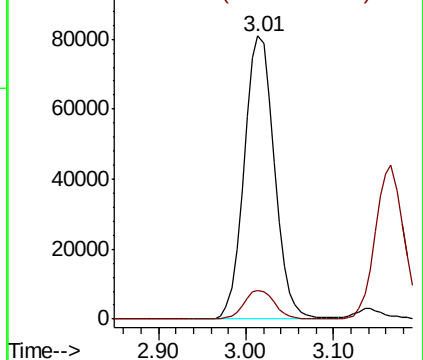
Tert butyl alcohol
Concen: 227.215 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 59 Resp: 194455
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



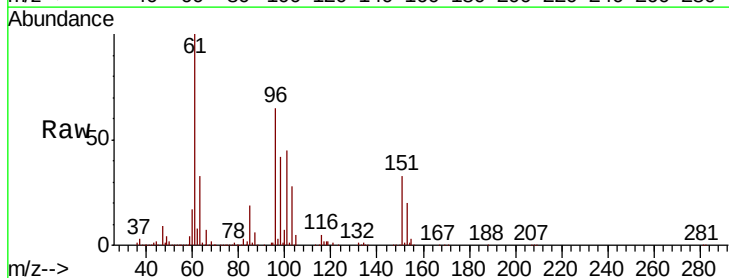
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



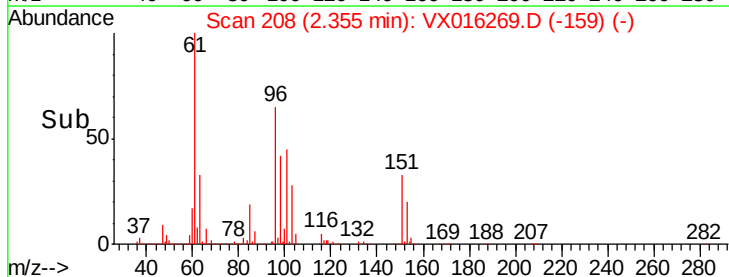
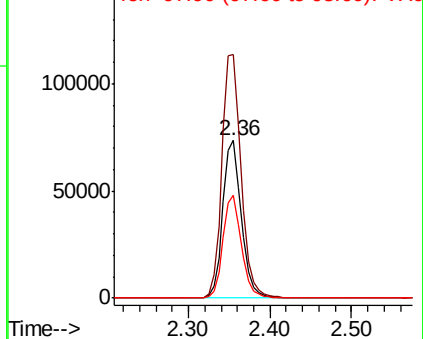
#12

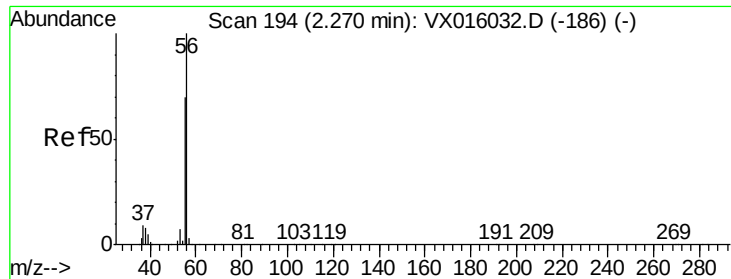
1,1-Dichloroethene
Concen: 43.084 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 96 Resp: 115185
Ion Ratio Lower Upper
96 100
61 155.0 124.8 187.2
98 65.3 49.7 74.5



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





#13

Acrolein

Concen: 410.419 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

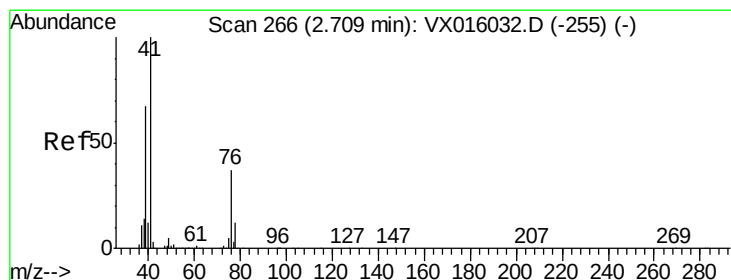
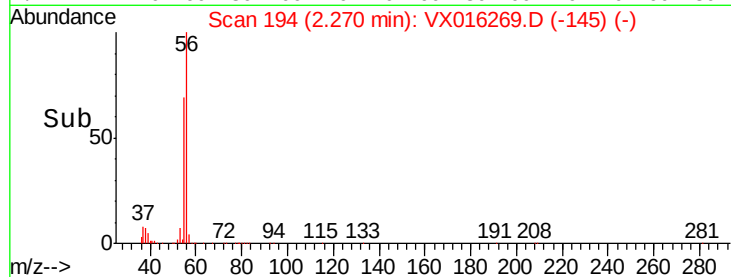
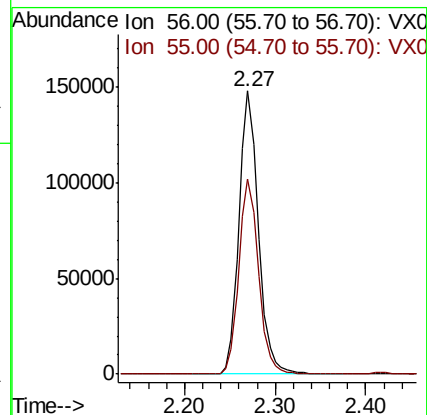
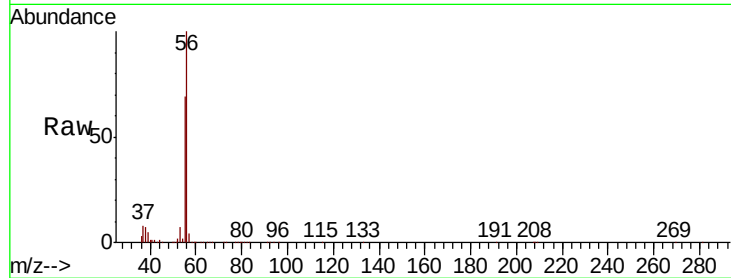
ClientSampleId :

Tot Ion: 56 Resp: 219797

Ion Ratio Lower Upper

56 100

55 69.9 56.5 84.7



#14

Allyl chloride

Concen: 44.433 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

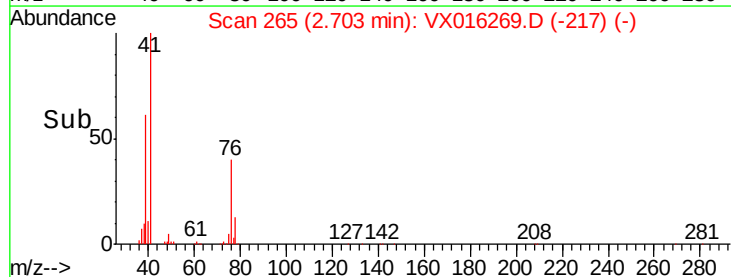
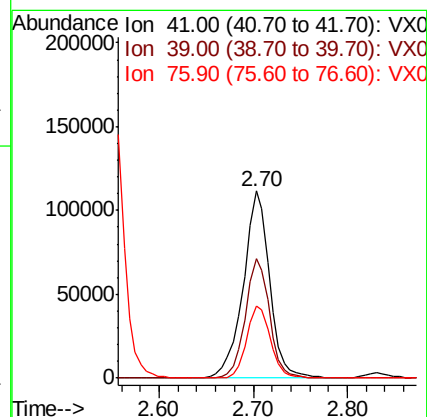
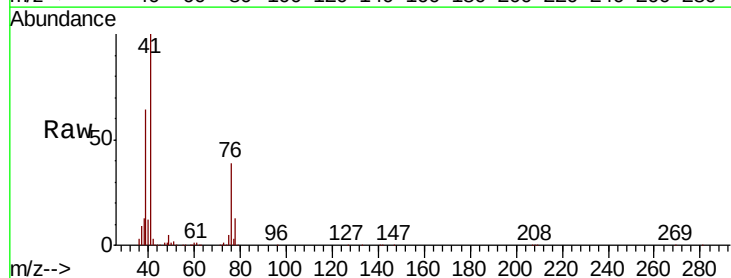
Tgt Ion: 41 Resp: 217811

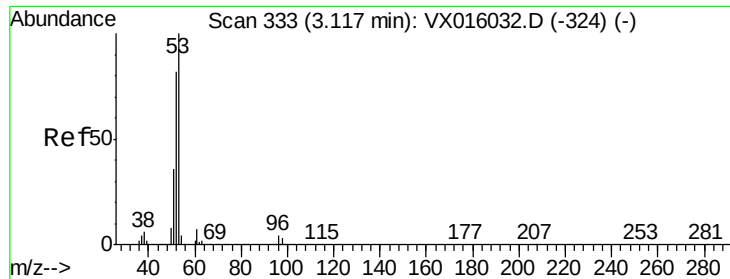
Ion Ratio Lower Upper

41 100

39 58.6 50.5 75.7

76 34.9 26.6 40.0





#15

Acrylonitrile

Concen: 241.795 ug/l

RT: 3.11 min Scan# 332

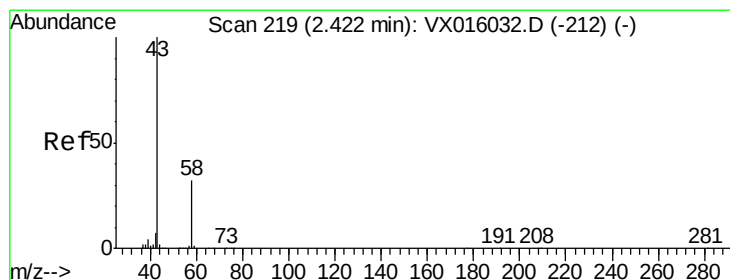
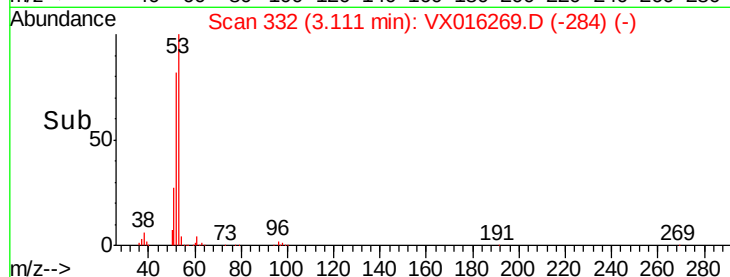
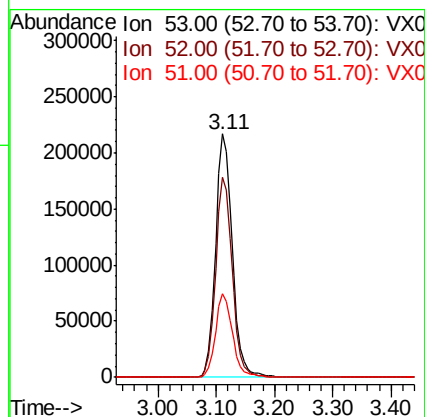
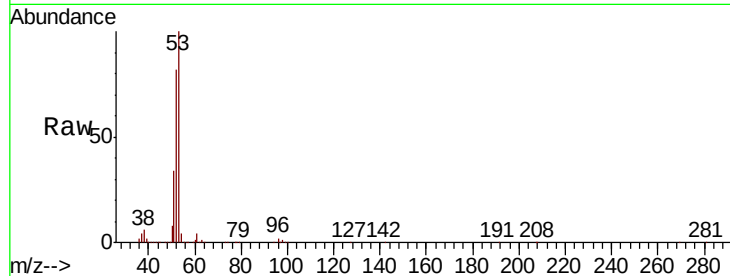
Delta R.T. -0.01 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	429283
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.1	99.1
51	35.0	28.8	43.2



#16

Acetone

Concen: 214.689 ug/l

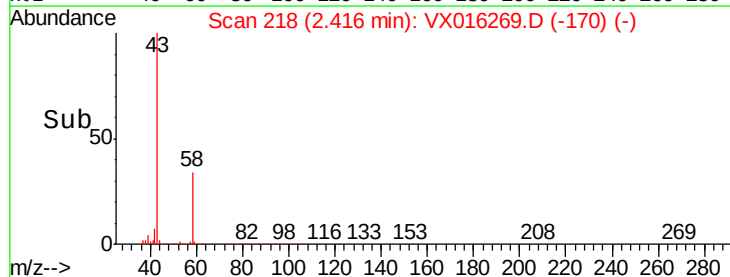
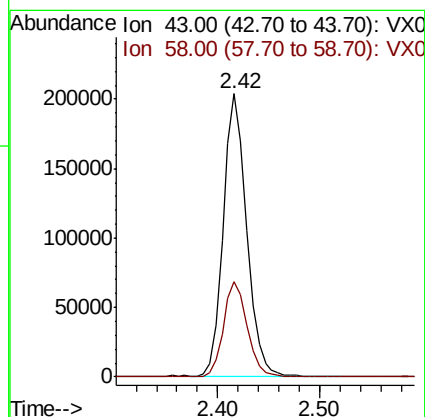
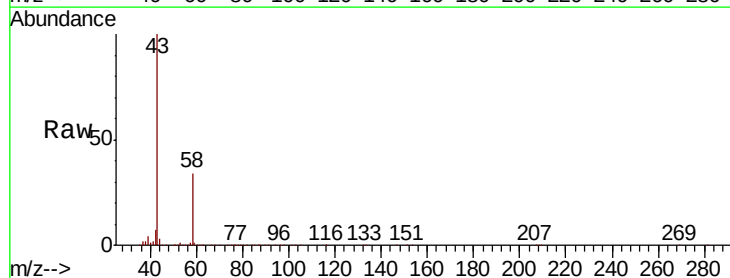
RT: 2.42 min Scan# 218

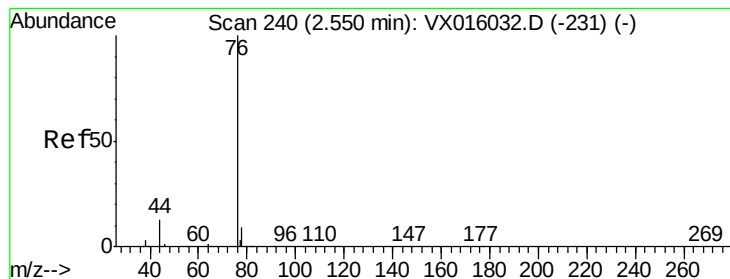
Delta R.T. -0.01 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Tgt Ion:	43	Resp:	324197
Ion	Ratio	Lower	Upper
43	100		
58	33.5	25.4	38.0





#17

Carbon Disulfide

Concen: 40.901 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

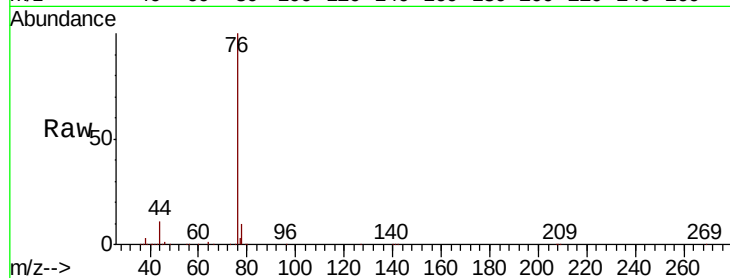
ClientSampleId :

Tot Ion: 76 Resp: 328688

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

2.55

200000

150000

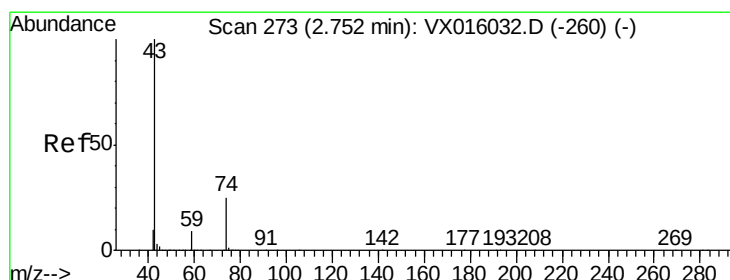
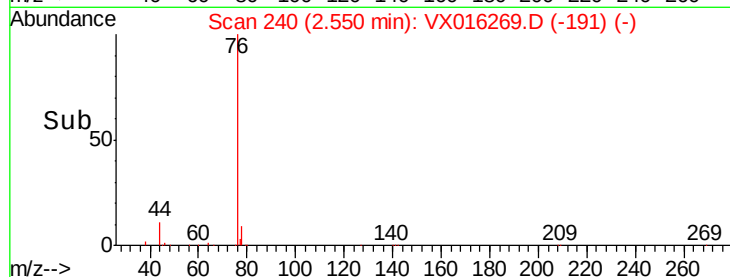
100000

50000

0

Time-->

2.50 2.60



#18

Methyl Acetate

Concen: 50.849 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016269.D

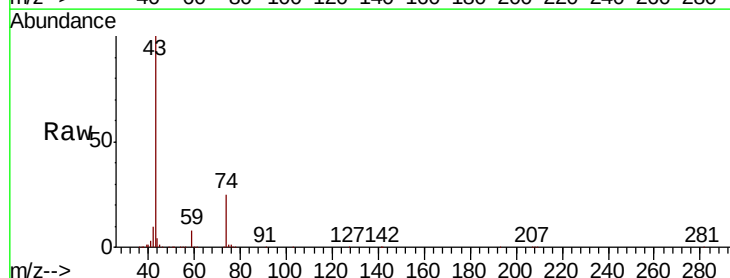
Acq: 15 May 2020 10:34

Tgt Ion: 43 Resp: 188799

Ion Ratio Lower Upper

43 100

74 25.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

120000

100000

80000

60000

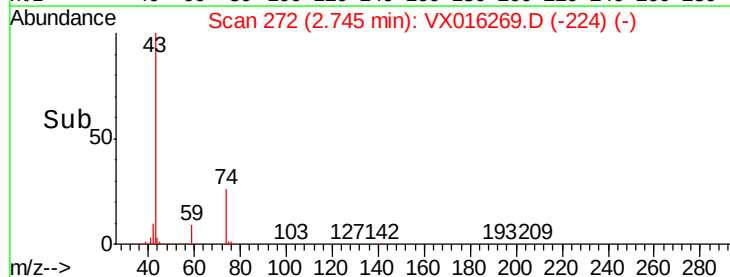
40000

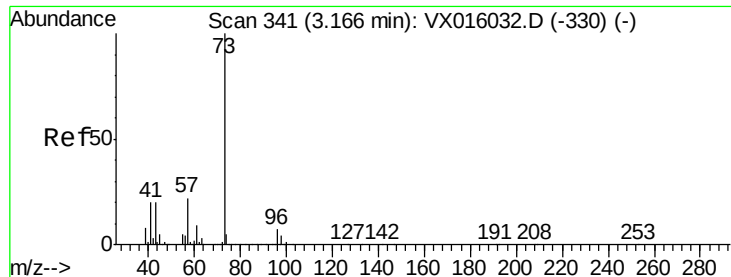
20000

0

Time-->

2.60 2.70 2.80

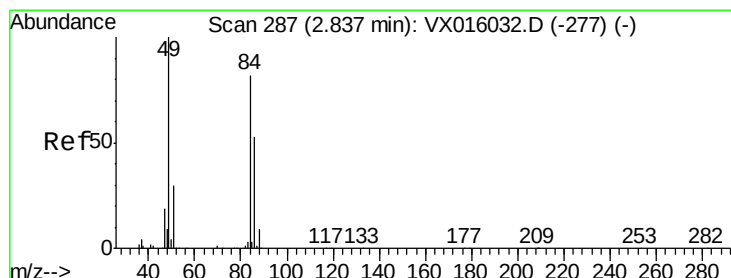
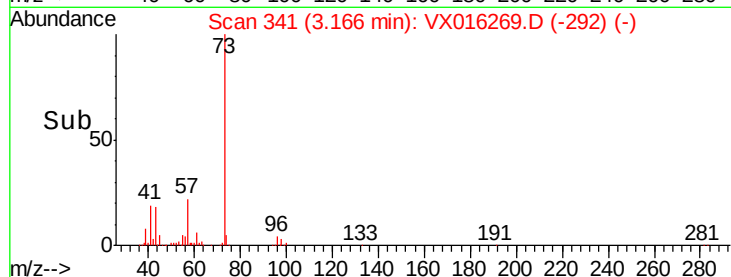
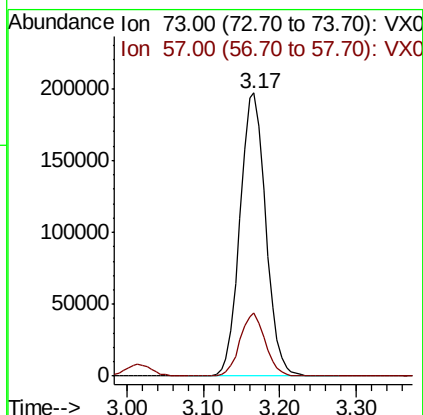
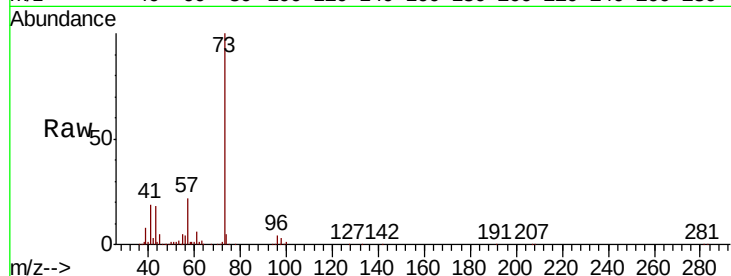




#19
Methyl tert-butyl Ether
Concen: 49.991 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

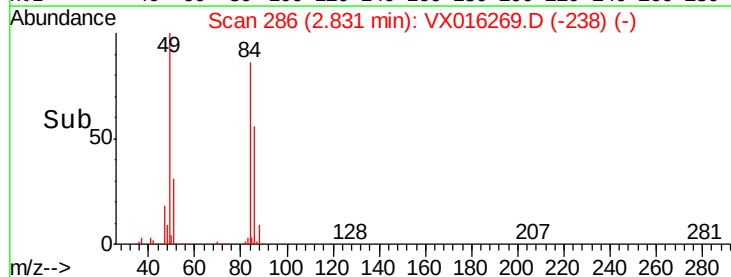
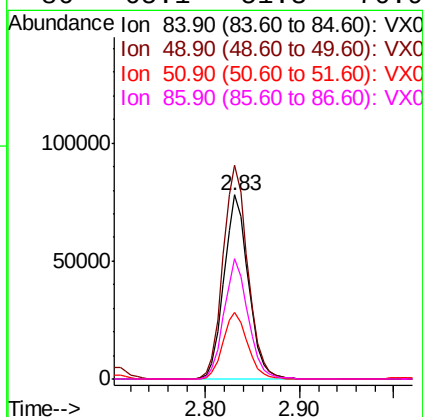
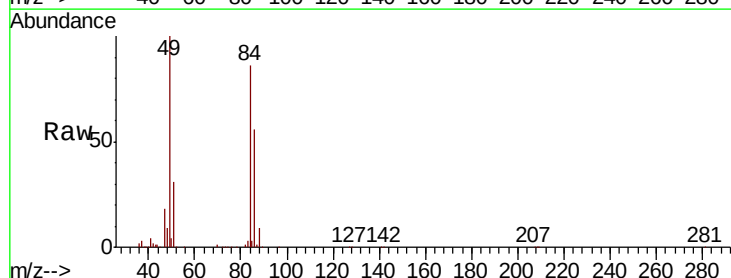
Instrument :
MSVOA_X
ClientSampleId :

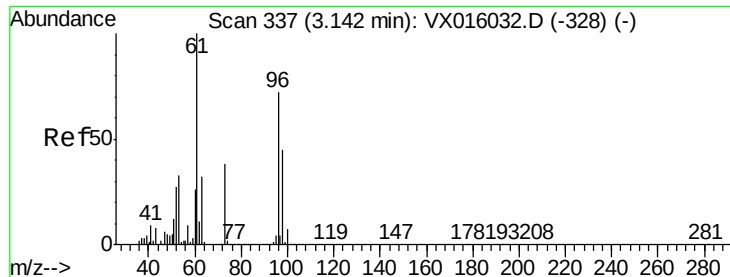
Tot Ion: 73 Resp: 460736
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.6



#20
Methylene Chloride
Concen: 45.090 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 84 Resp: 140365
Ion Ratio Lower Upper
84 100
49 116.1 97.3 145.9
51 36.2 29.3 43.9
86 65.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 44.330 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

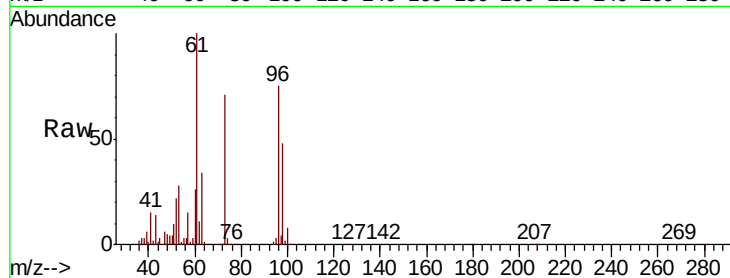
Tot Ion: 96 Resp: 132073

Ion Ratio Lower Upper

96 100

61 133.2 111.2 166.8

98 63.7 50.2 75.4

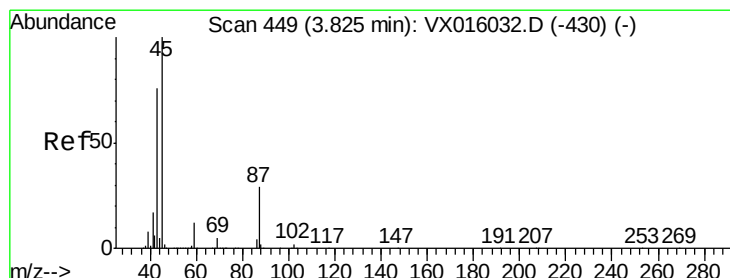
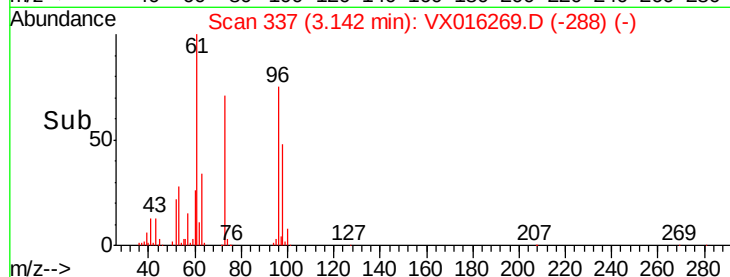
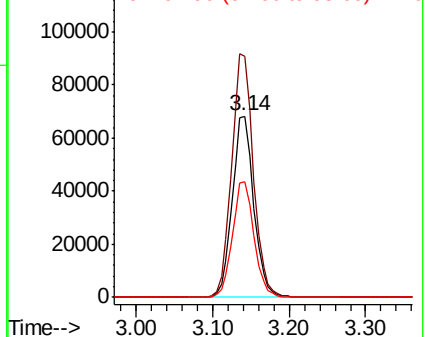


Abundance

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: 47.334 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Tgt Ion: 45 Resp: 437741

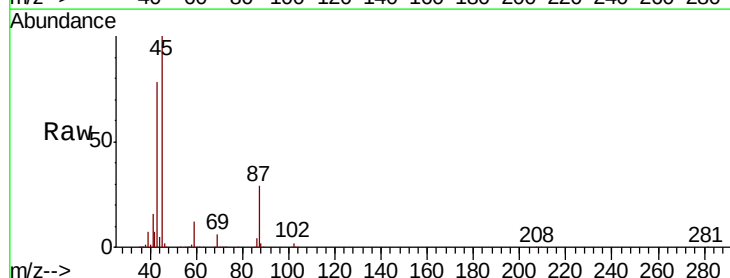
Ion Ratio Lower Upper

45 100

43 78.0 61.1 91.7

87 28.9 23.0 34.6

59 12.0 9.8 14.6



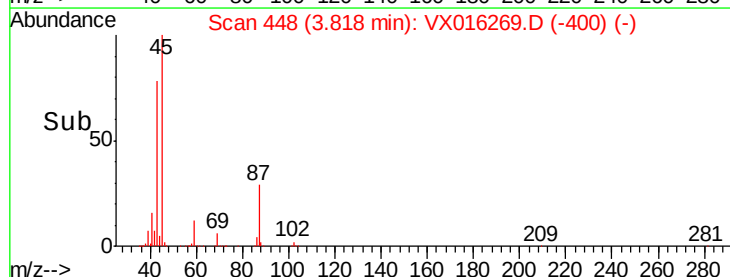
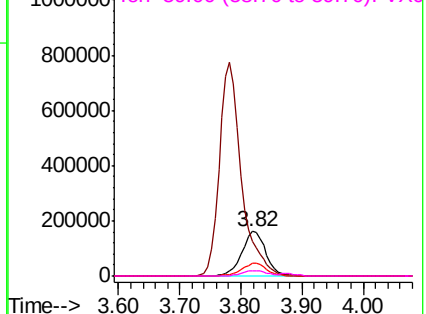
Abundance

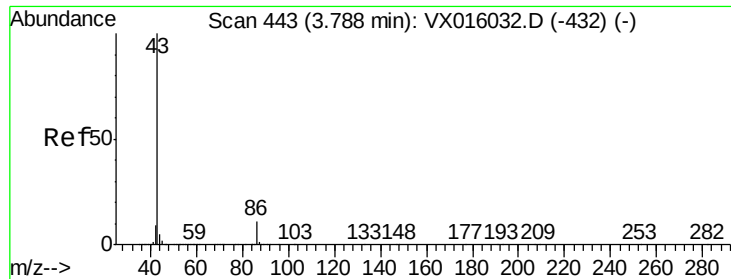
Ion 45.00 (44.70 to 45.70): VX0

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

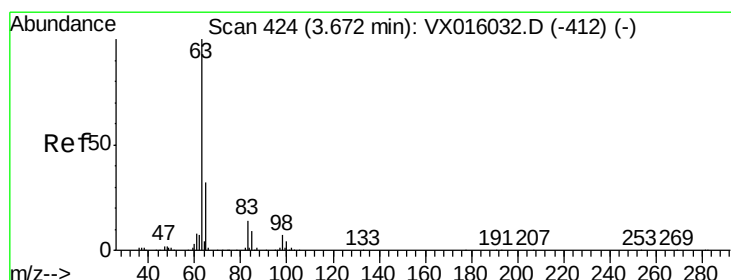
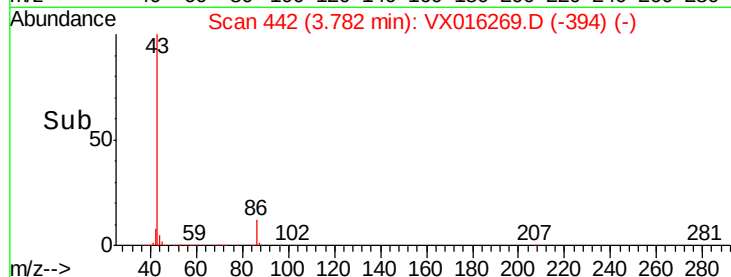
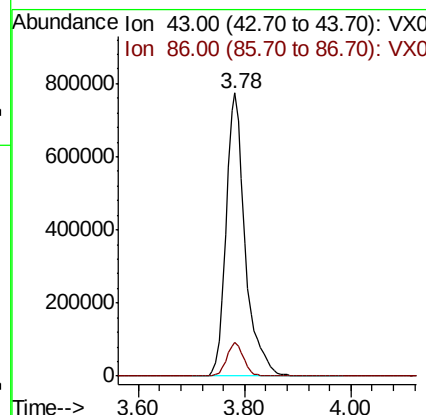
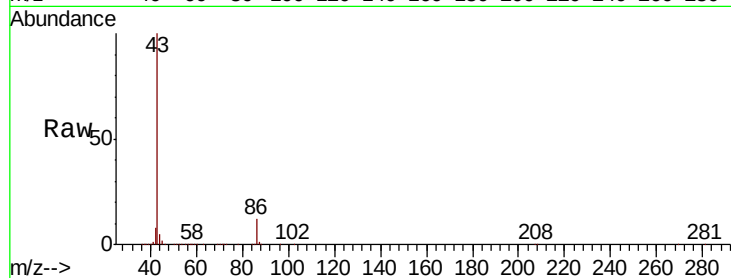




#23
 Vinyl Acetate
 Concen: 238.530 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

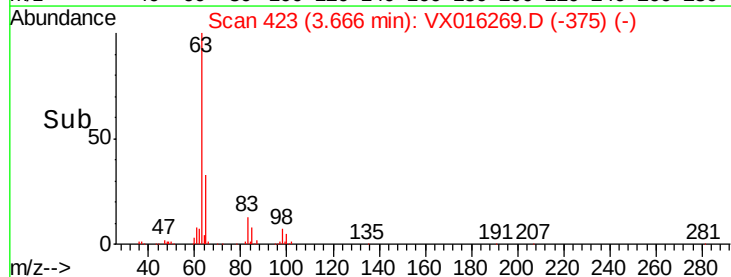
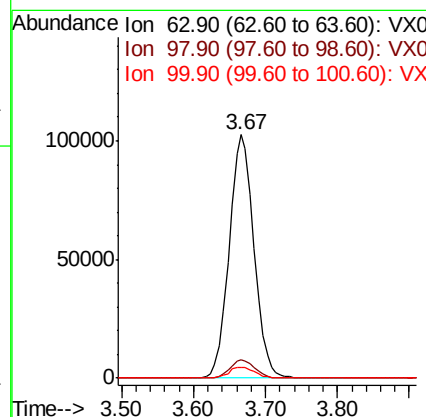
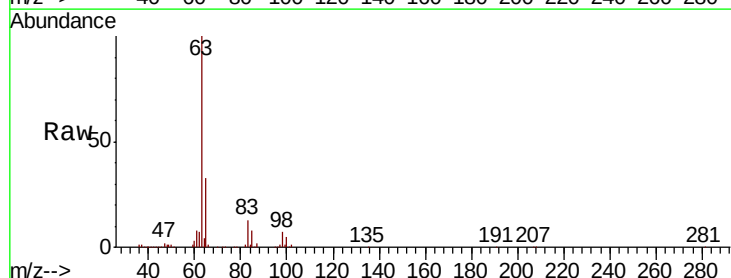
Instrument :
 MSVOA_X
 ClientSampleId :

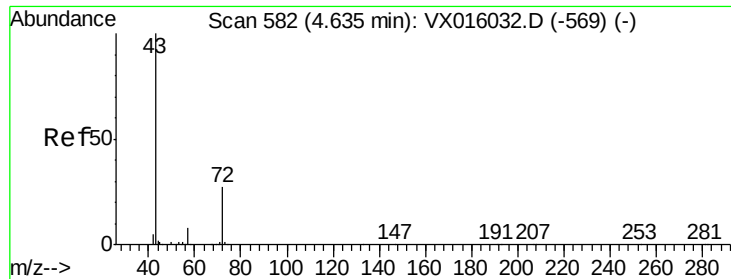
Tot Ion: 43 Resp: 1940738
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 47.292 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

Tgt Ion: 63 Resp: 244654
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.6 2.1 6.5

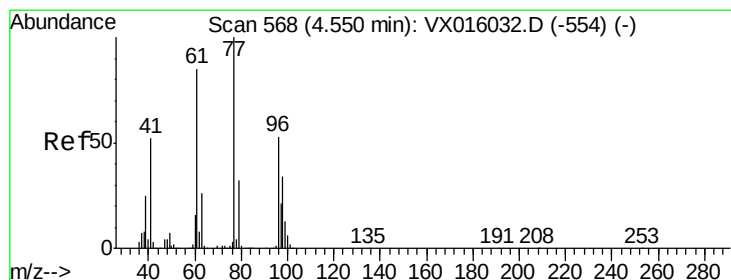
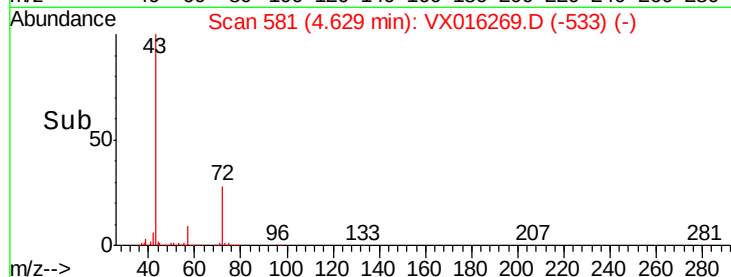
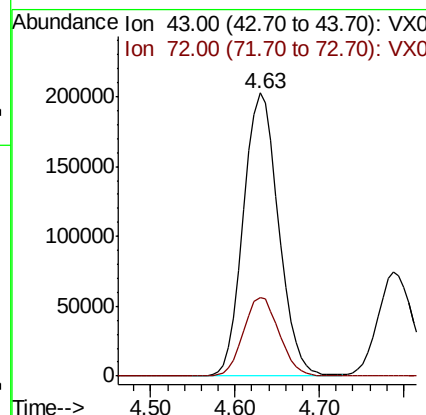
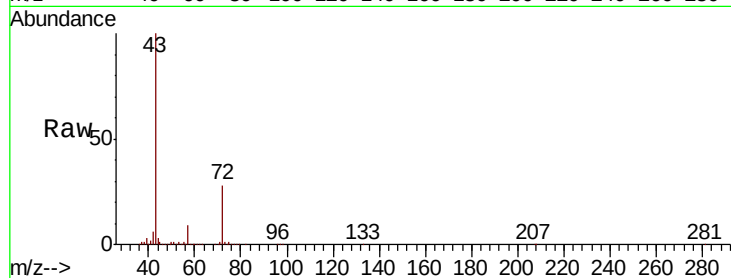




#25
2-Butanone
Concen: 235.035 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

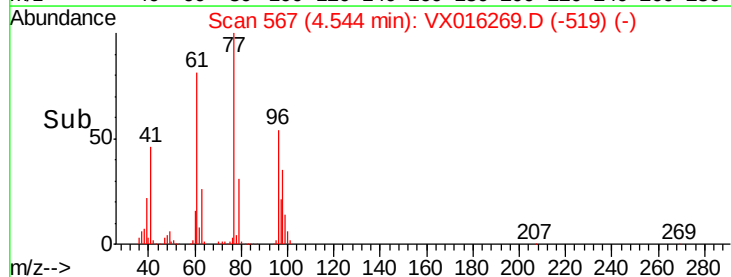
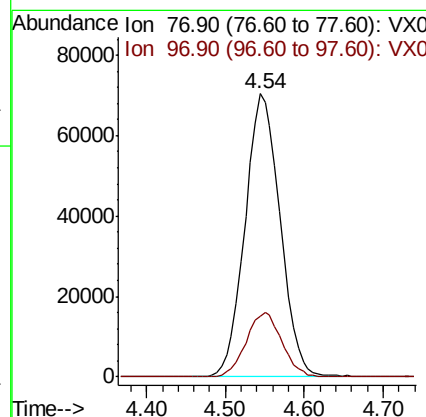
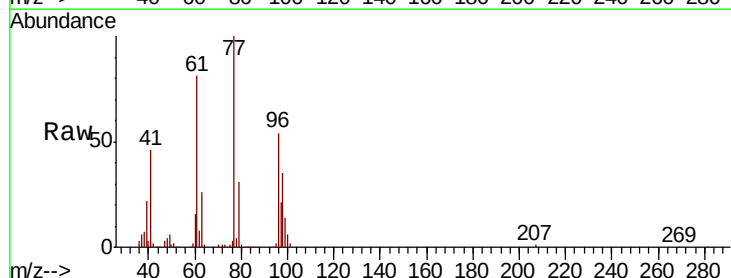
Instrument :
MSVOA_X
ClientSampled :

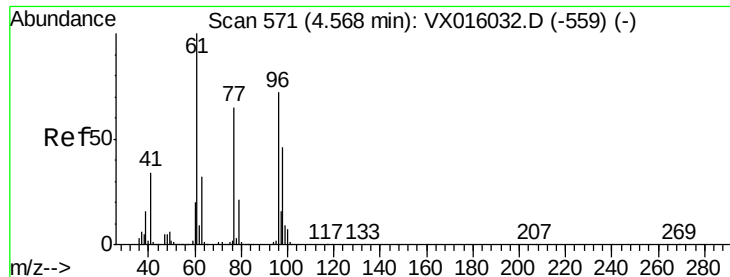
Tot Ion: 43 Resp: 571920
Ion Ratio Lower Upper
43 100
72 27.7 21.8 32.8



#26
2,2-Dichloropropane
Concen: 46.150 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 77 Resp: 218035
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6



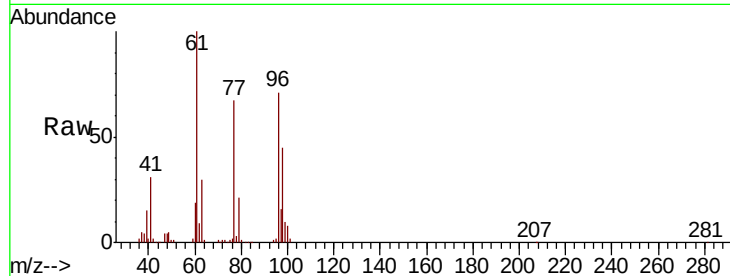


#27

cis-1,2-Dichloroethene
Concen: 48.083 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	296.2
98	64.4	0.0	129.4

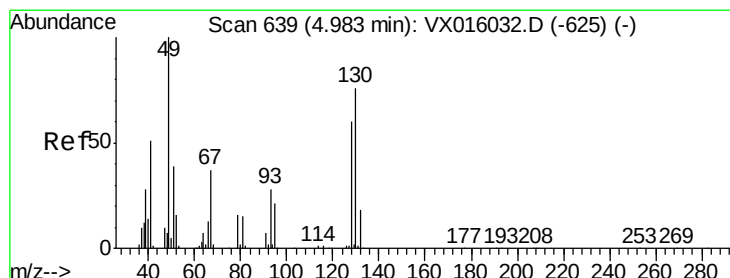
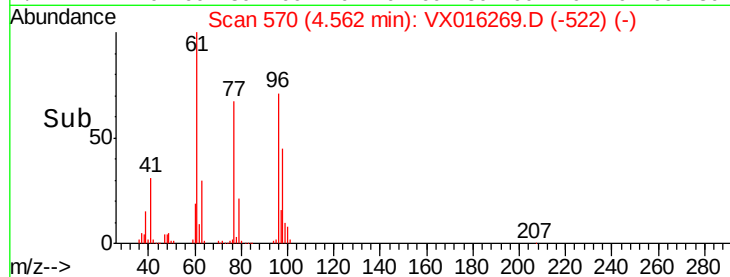
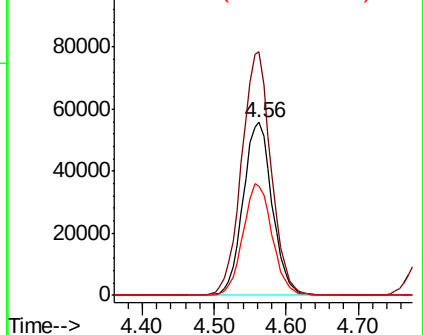


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

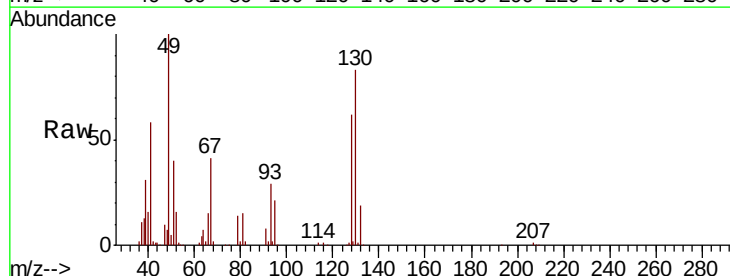
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 46.433 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.0
130	81.9	62.4	93.6

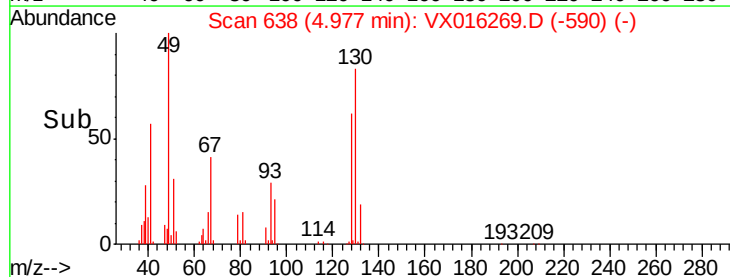
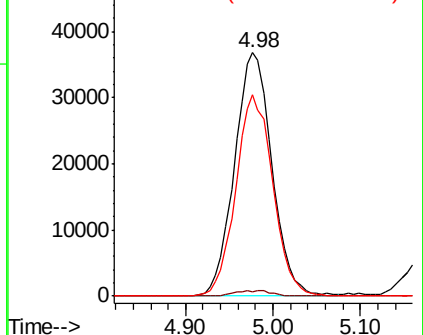


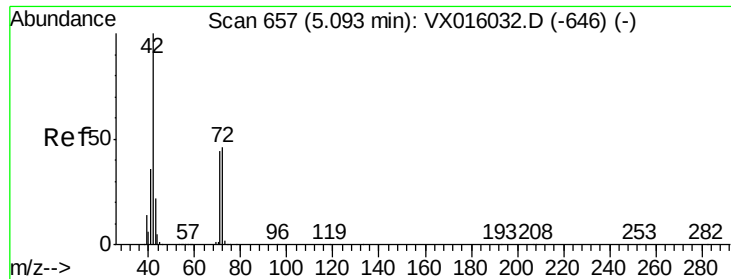
Abundance

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

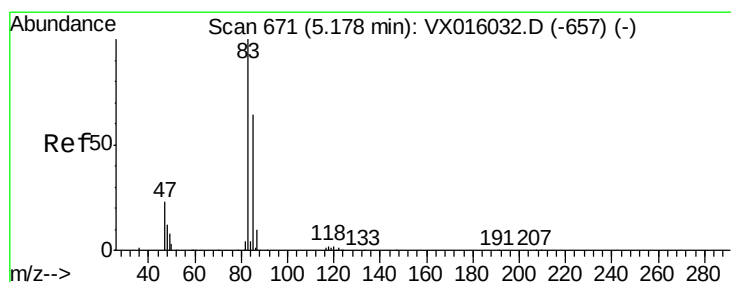
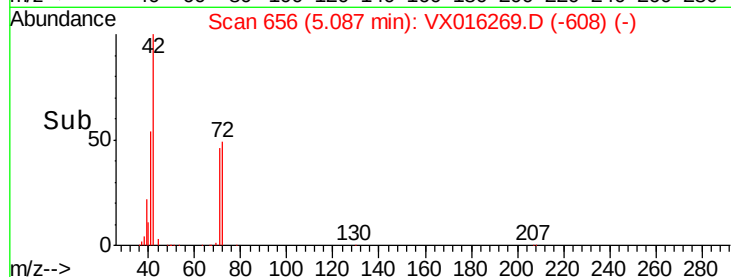
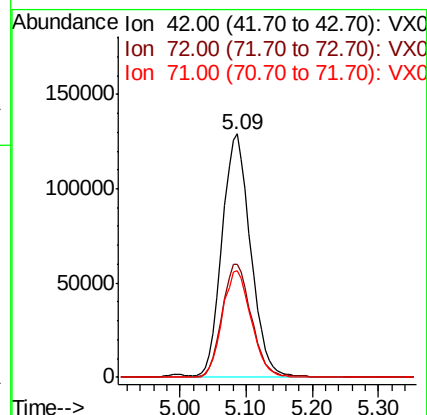
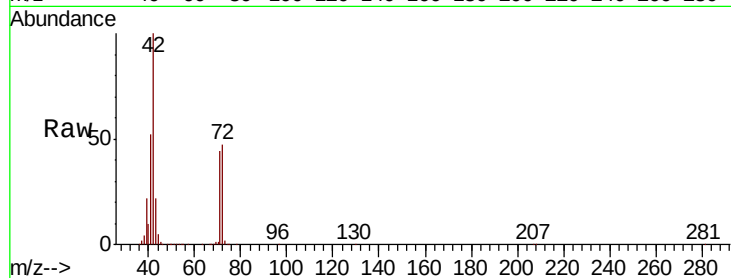




#29
Tetrahydrofuran
Concen: 238.811 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

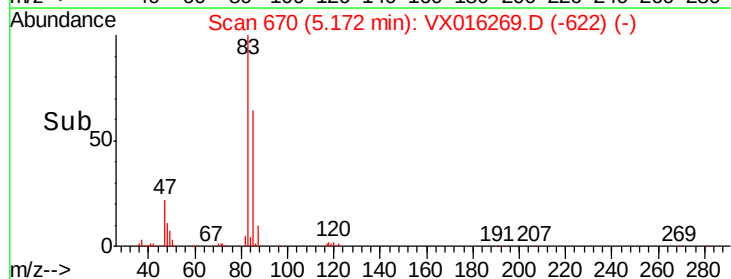
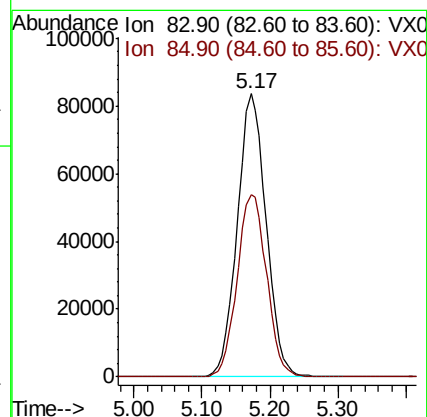
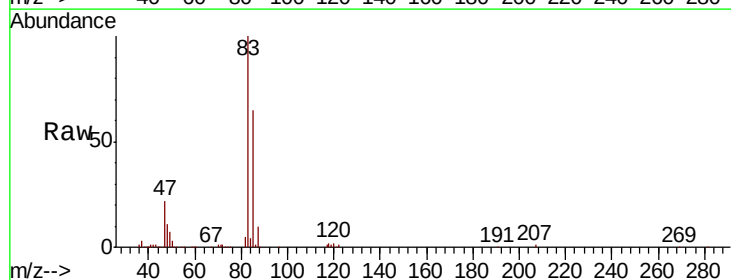
Instrument :
MSVOA_X
ClientSampleId :

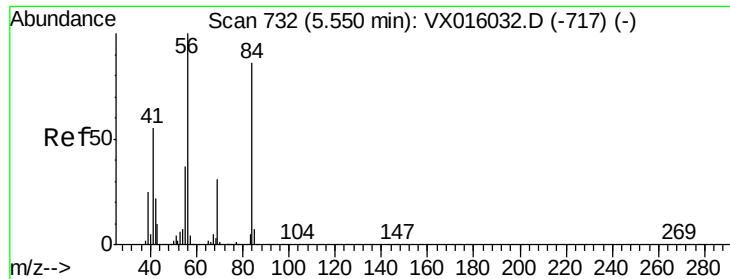
Tot Ion: 42 Resp: 385044
Ion Ratio Lower Upper
42 100
72 48.0 37.1 55.7
71 44.6 34.5 51.7



#30
Chloroform
Concen: 47.748 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 83 Resp: 245943
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4

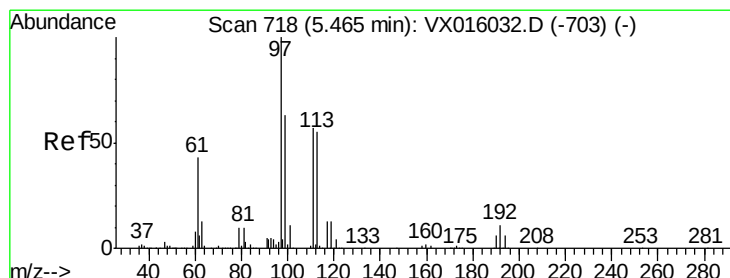
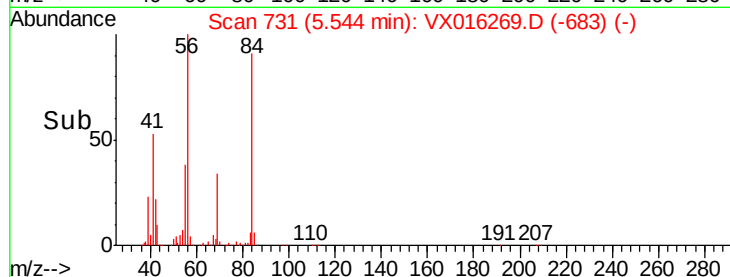
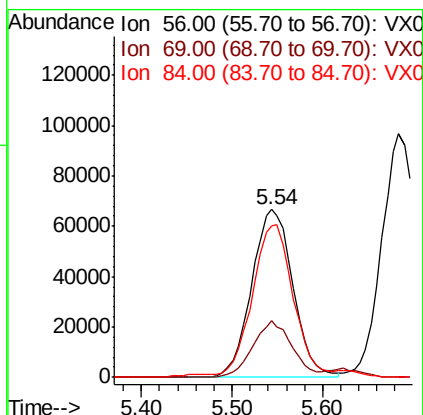
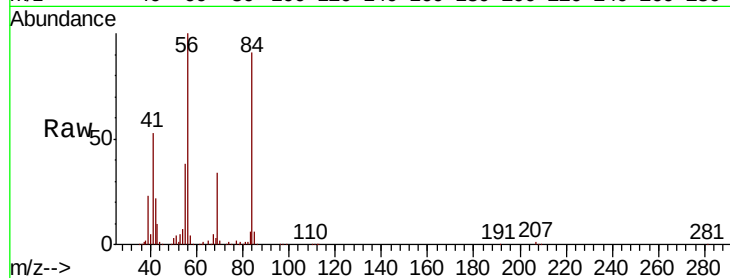




#31
Cyclohexane
Concen: 44.739 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

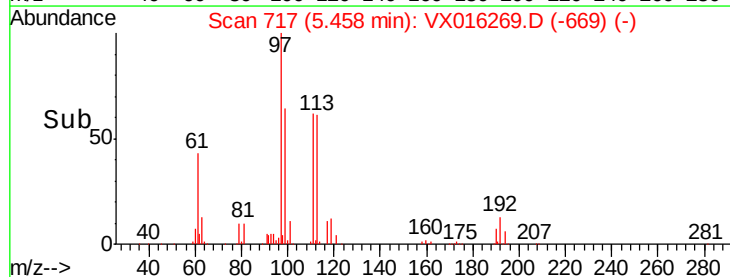
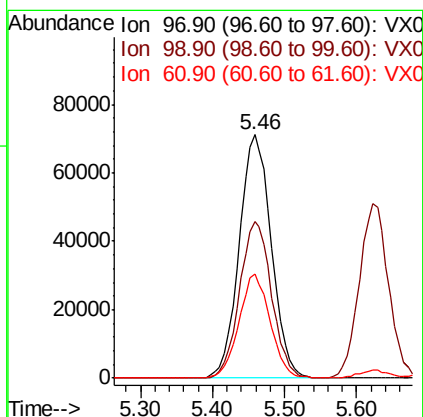
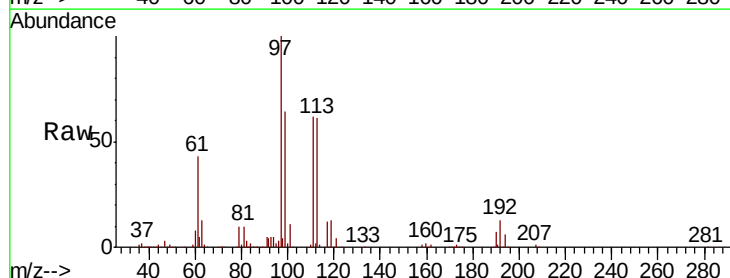
Instrument :
MSVOA_X
ClientSampleId :

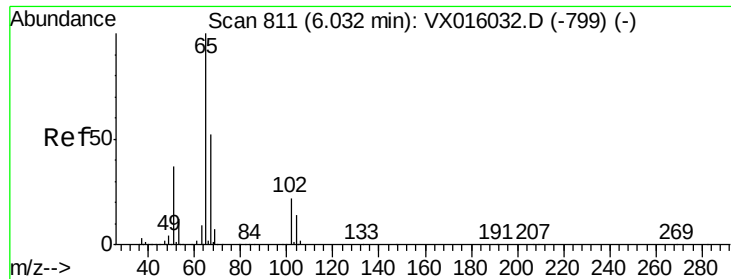
Tot Ion: 56 Resp: 210345
Ion Ratio Lower Upper
56 100
69 33.8 25.0 37.6
84 89.0 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 46.957 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 97 Resp: 219855
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 41.7 34.5 51.7

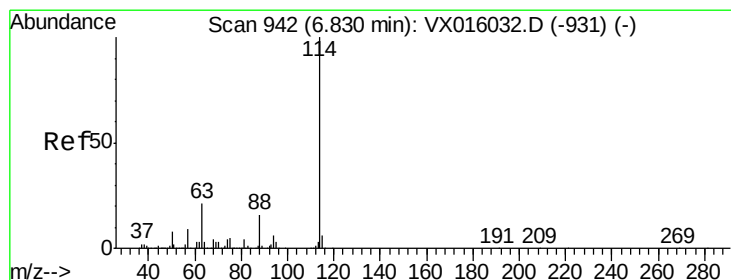
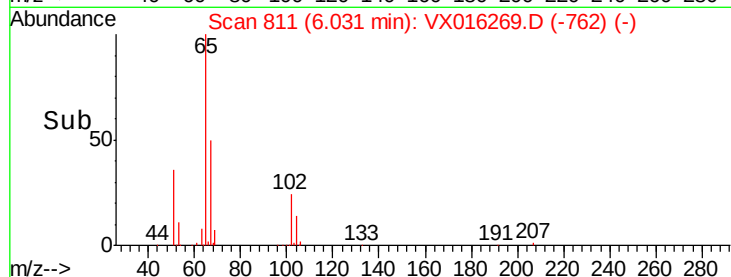
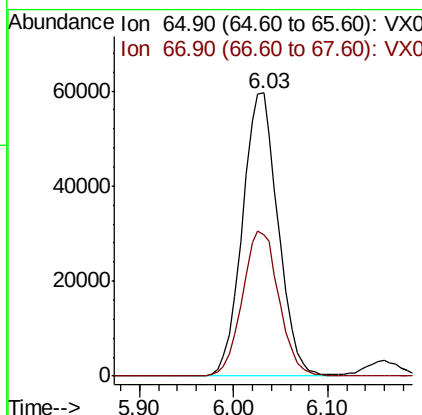
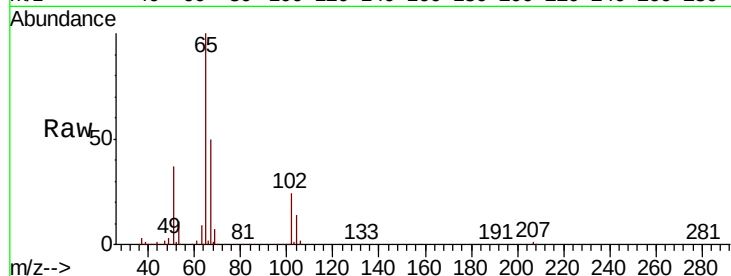




#33
 1,2-Dichloroethane-d4
 Concen: 46.665 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

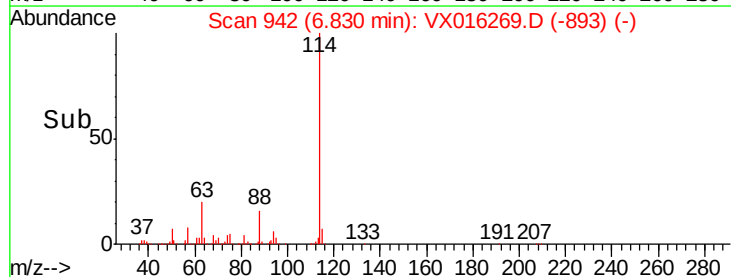
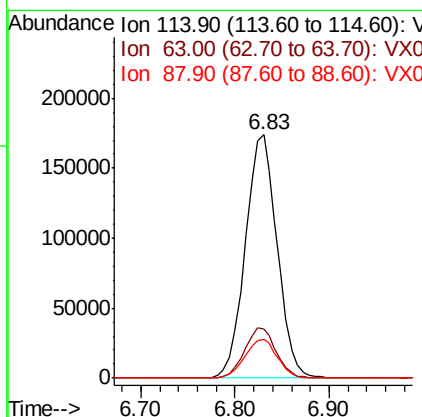
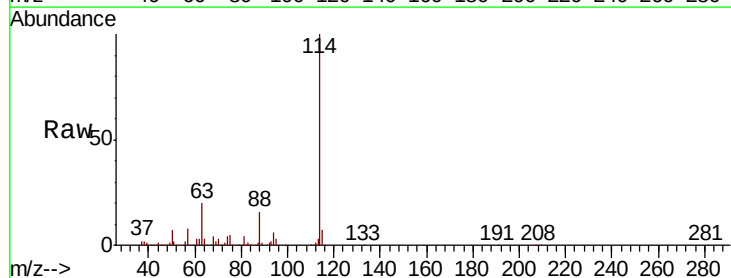
Instrument :
 MSVOA_X
 ClientSampleId :

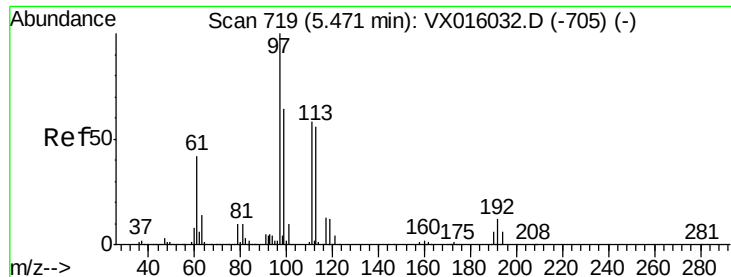
Tot Ion: 65 Resp: 157931
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

Tgt Ion: 114 Resp: 410609
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.8
 88 16.0 0.0 31.4

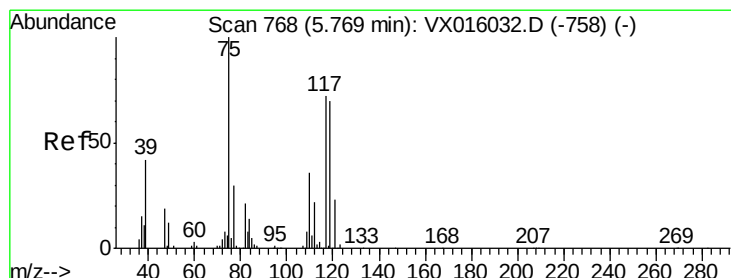
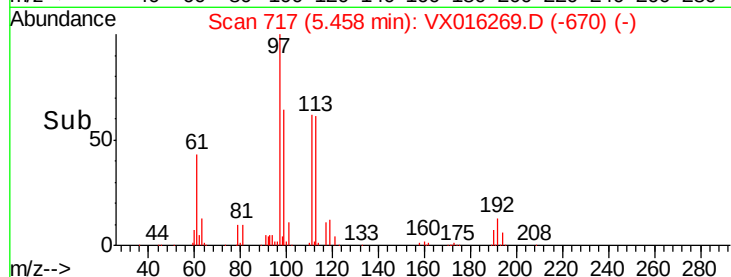
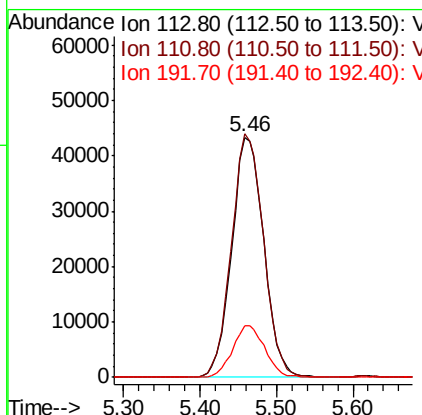
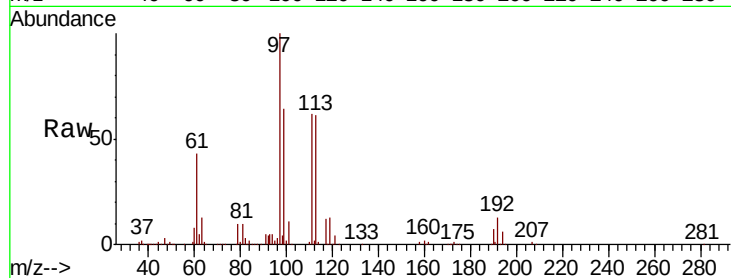




#35
 Dibromofluoromethane
 Concen: 48.289 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

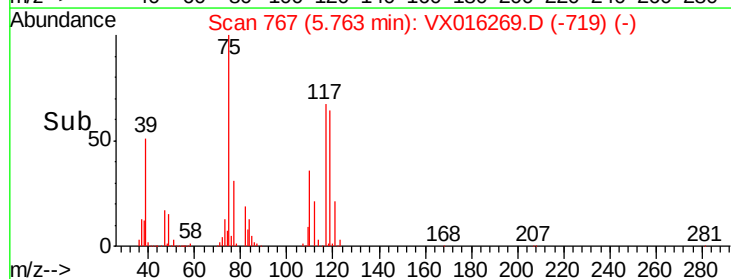
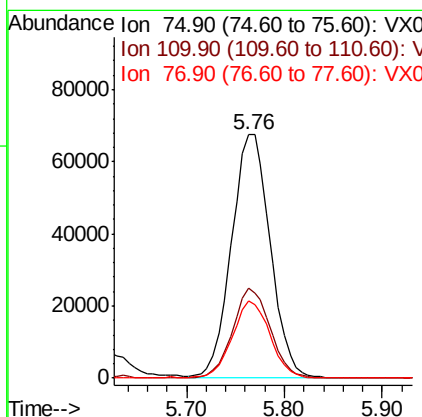
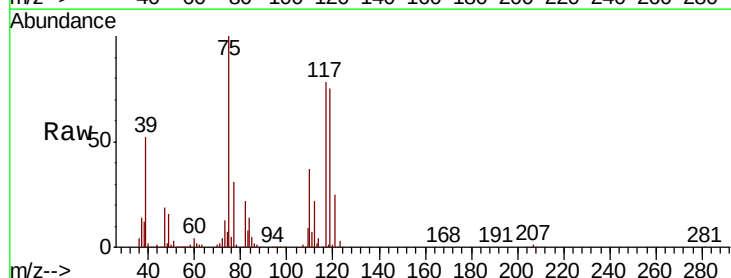
Instrument :
 MSVOA_X
 ClientSampled :

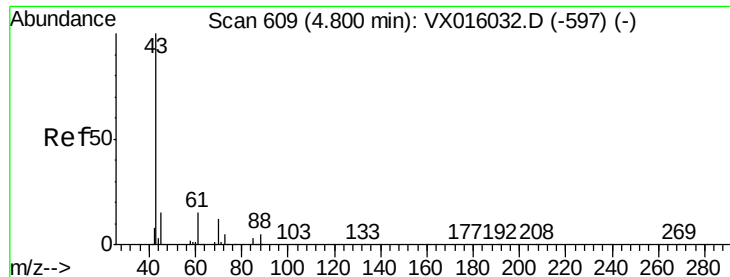
Tot Ion:113 Resp: 125619
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.6 122.4
 192 21.7 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 45.772 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

Tgt Ion: 75 Resp: 185003
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.1 54.1
 77 30.9 25.0 37.6

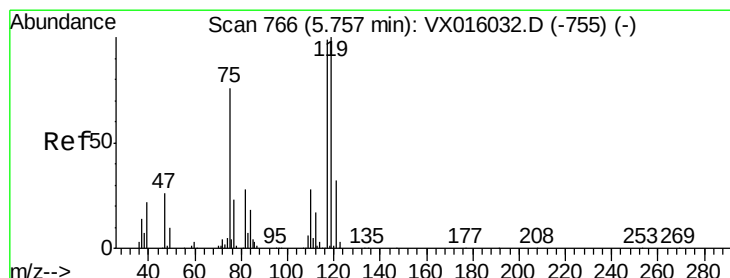
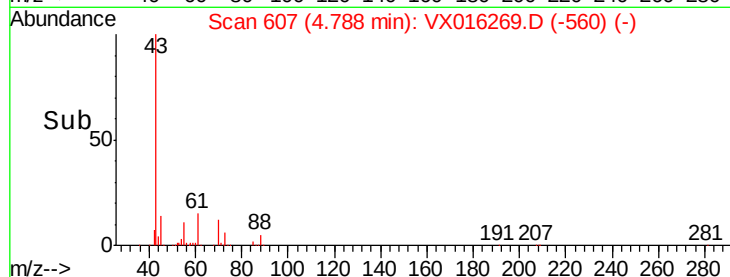
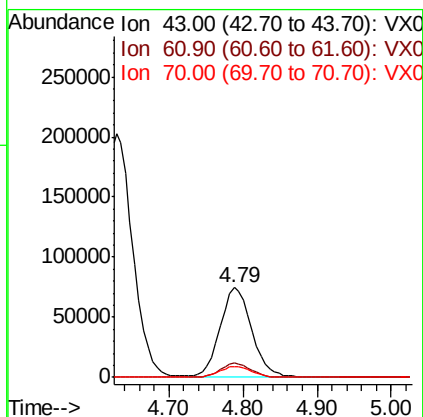
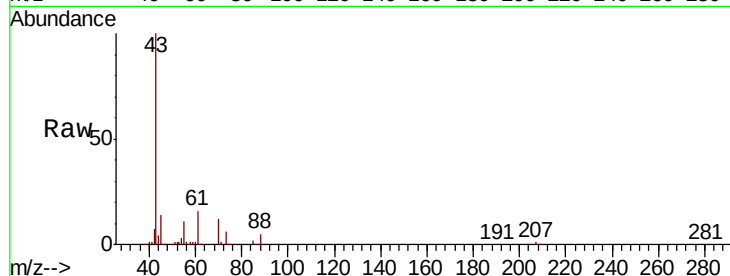




#37
Ethyl Acetate
Concen: 46.753 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

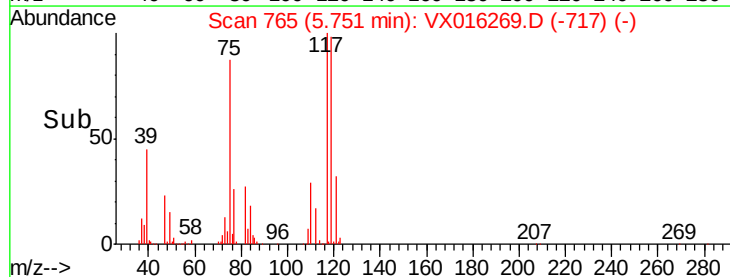
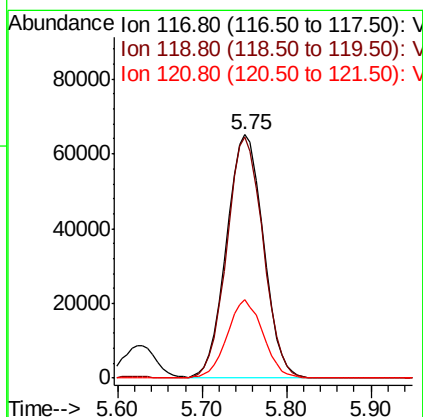
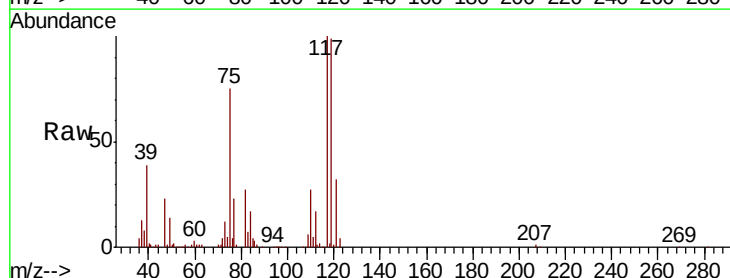
Instrument :
MSVOA_X
ClientSampled :

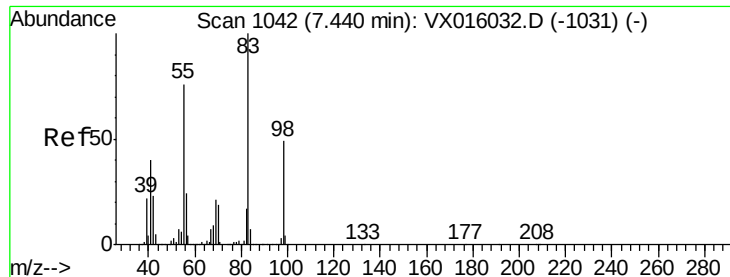
Tot Ion: 43 Resp: 219022
Ion Ratio Lower Upper
43 100
61 15.4 11.7 17.5
70 12.3 9.3 13.9



#38
Carbon Tetrachloride
Concen: 47.232 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 117 Resp: 194041
Ion Ratio Lower Upper
117 100
119 98.8 80.3 120.5
121 32.5 25.7 38.5

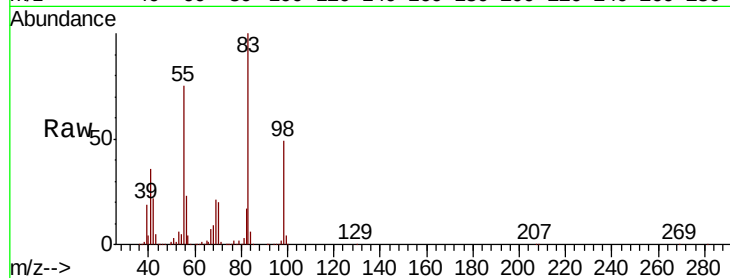




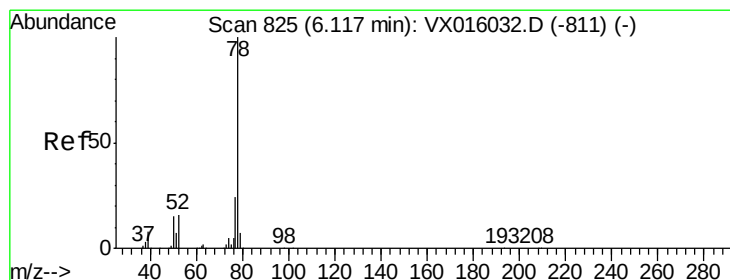
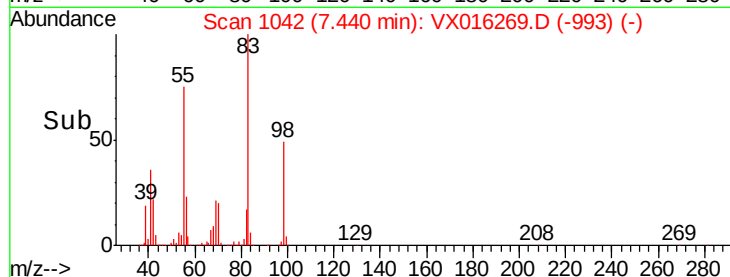
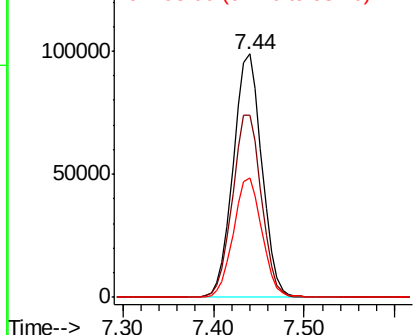
#39
Methylvlcyclohexane
Concen: 44.447 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 216345
Ion Ratio Lower Upper
83 100
55 74.6 61.1 91.7
98 49.1 39.0 58.4

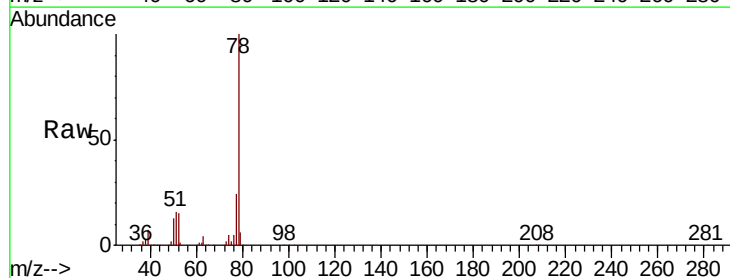


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

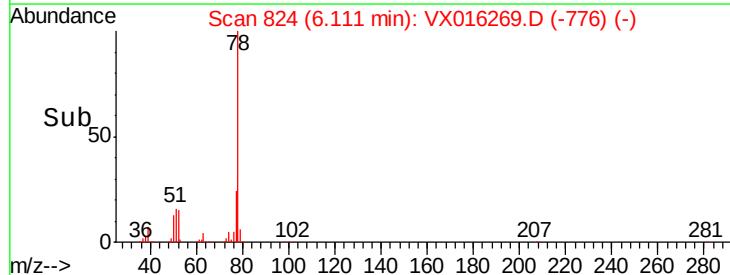
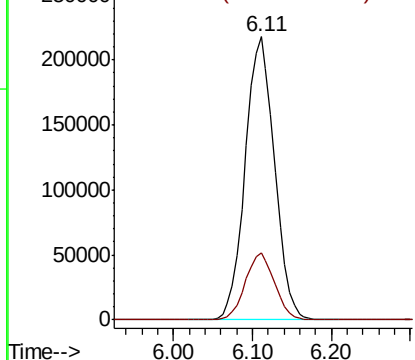


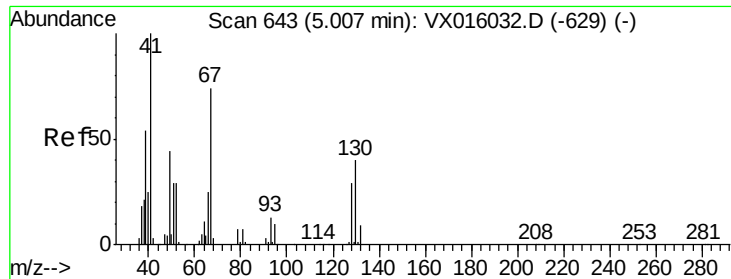
#40
Benzene
Concen: 47.622 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 78 Resp: 563190
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



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

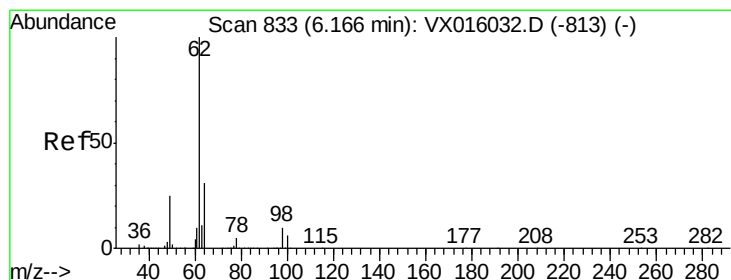
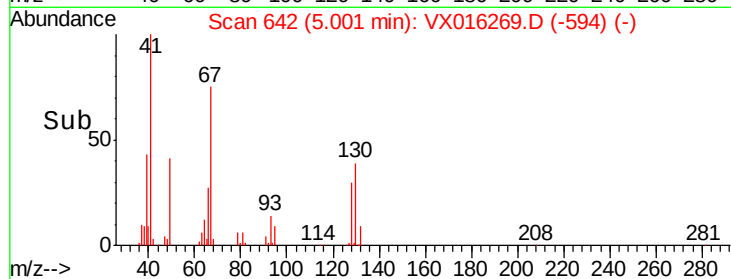
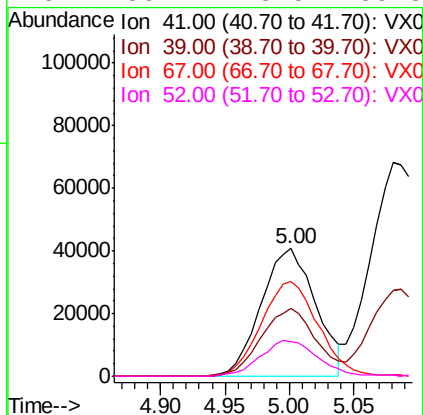
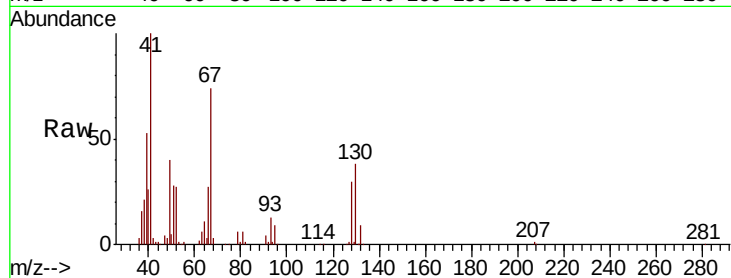




#41
Methacrylonitrile
Concen: 47.334 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

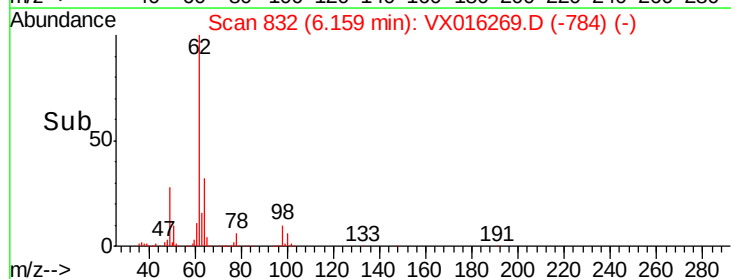
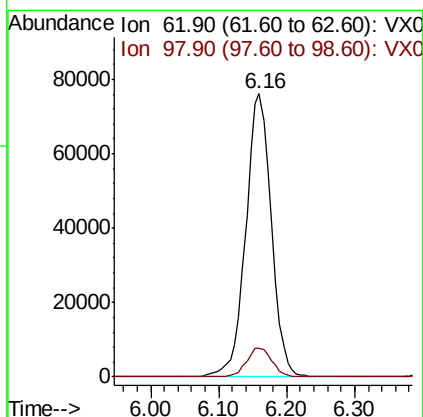
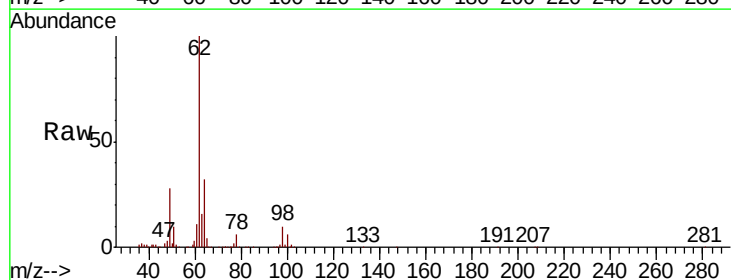
Instrument :
MSVOA_X
ClientSampled :

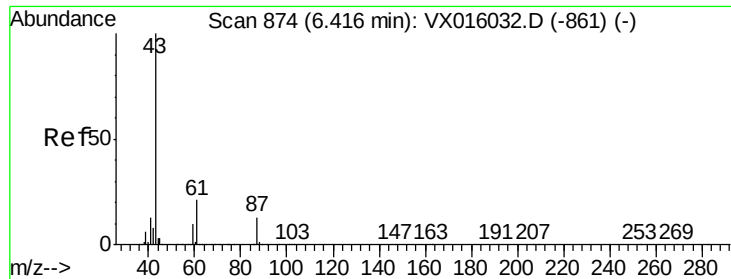
Tot Ion:	41	Resp:	119753
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.2	64.8
67	77.4	59.3	88.9
52	30.2	23.5	35.3



#42
1,2-Dichloroethane
Concen: 46.600 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion:	62	Resp:	198528
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4





#43

Isopropyl Acetate

Concen: 47.787 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

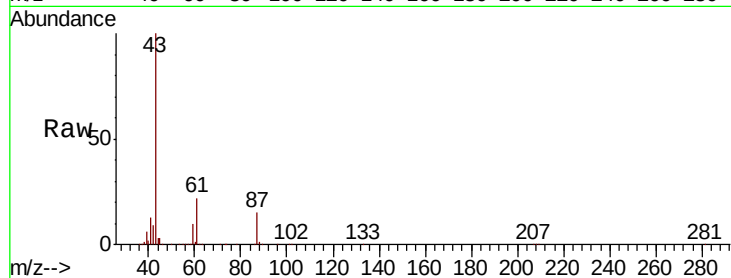
Tot Ion: 43 Resp: 357185

Ion Ratio Lower Upper

43 100

61 22.2 17.0 25.4

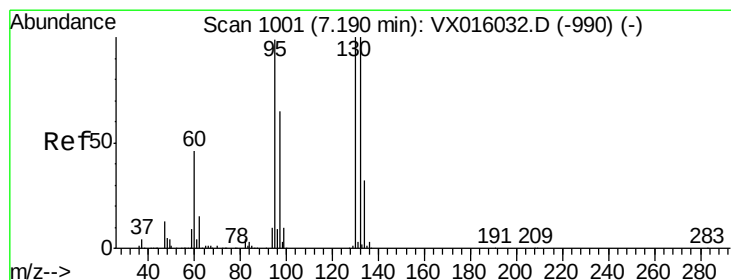
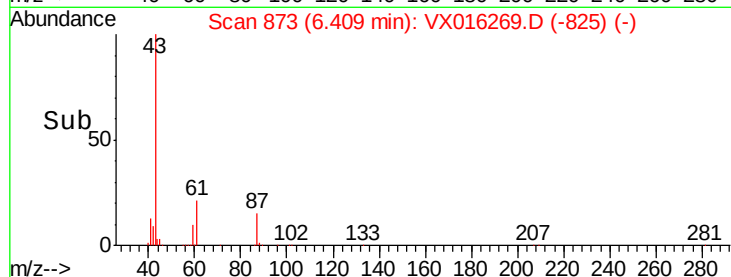
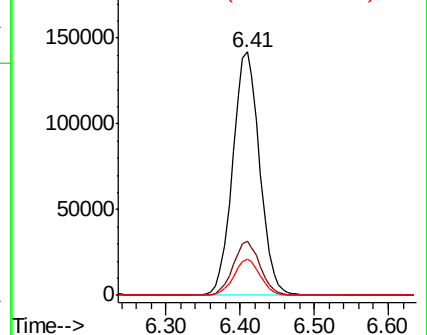
87 14.6 11.0 16.6



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: 44.746 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016269.D

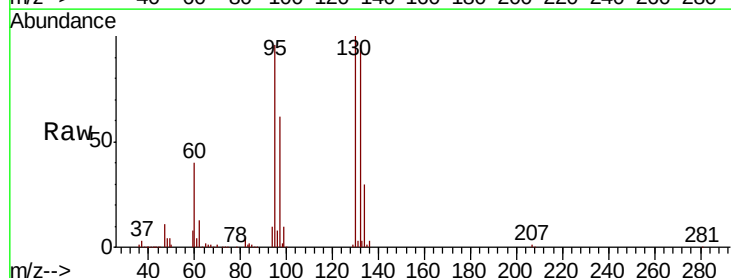
Acq: 15 May 2020 10:34

Tgt Ion:130 Resp: 187997

Ion Ratio Lower Upper

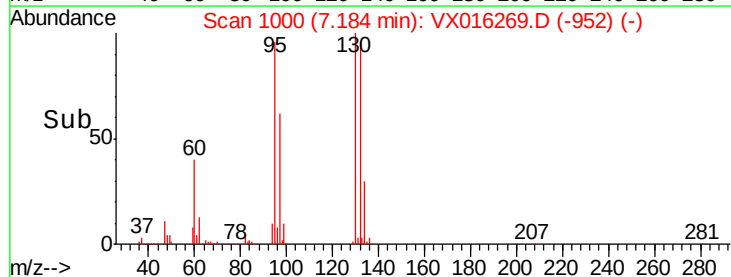
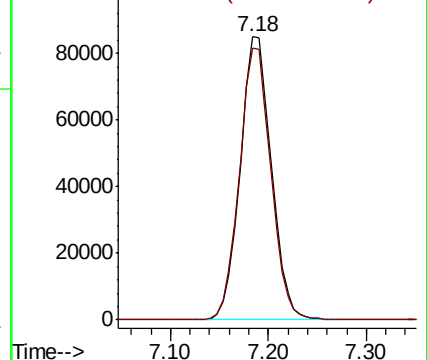
130 100

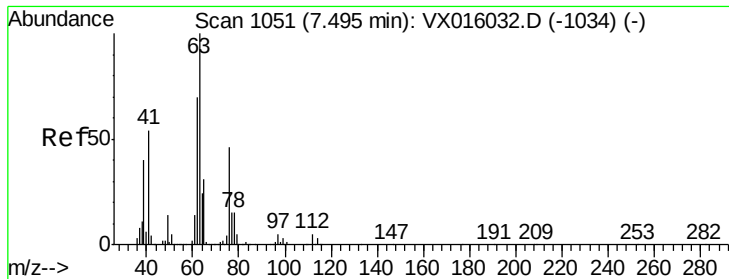
95 95.9 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.825 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

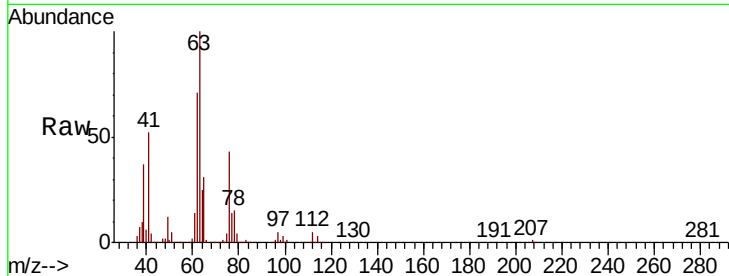
ClientSampleId :

Tot Ion: 63 Resp: 149098

Ion Ratio Lower Upper

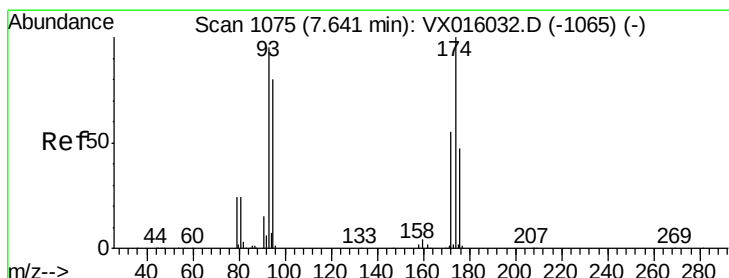
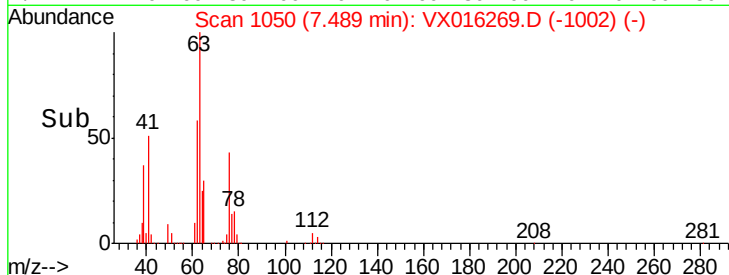
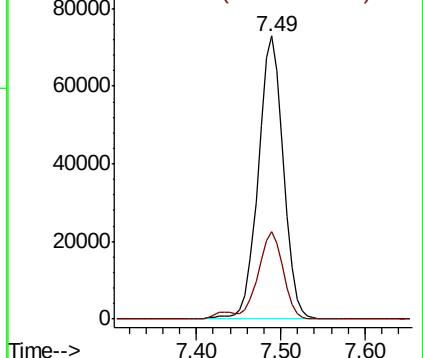
63 100

65 31.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.628 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

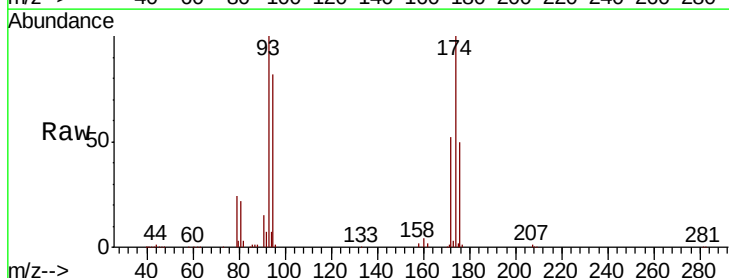
Tgt Ion: 93 Resp: 98889

Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

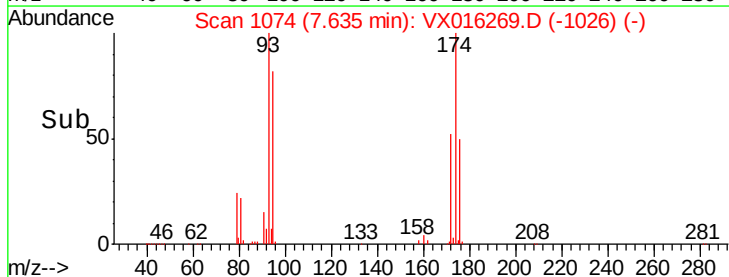
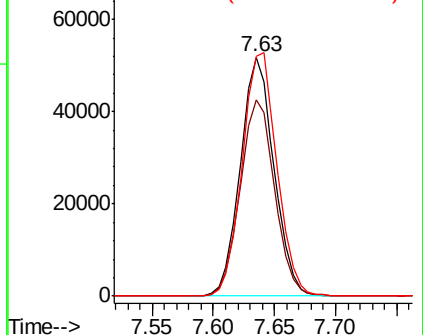
174 105.3 84.2 126.4

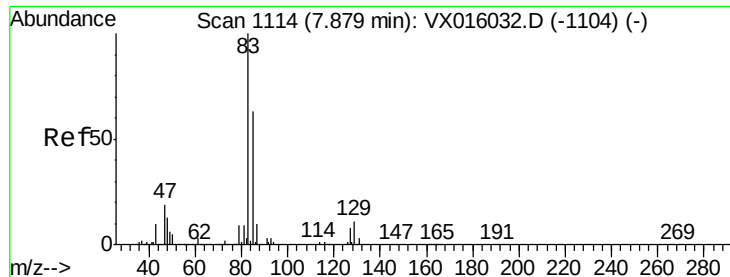


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.850 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampled :

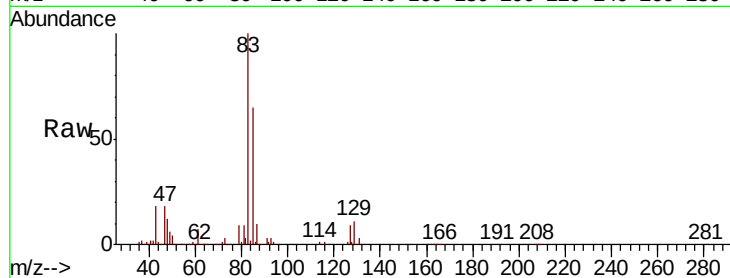
Tot Ion: 83 Resp: 206464

Ion Ratio Lower Upper

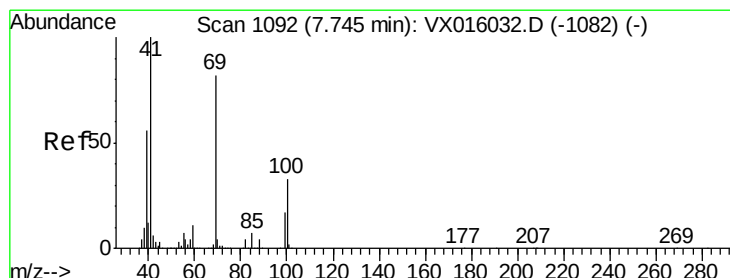
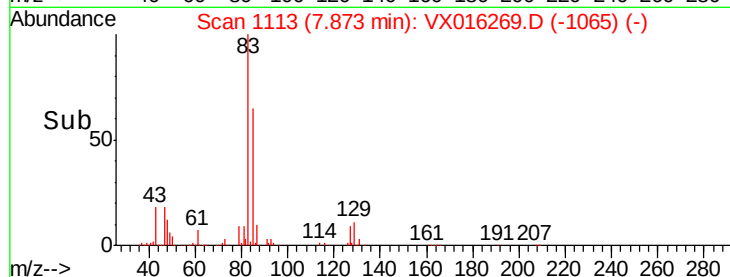
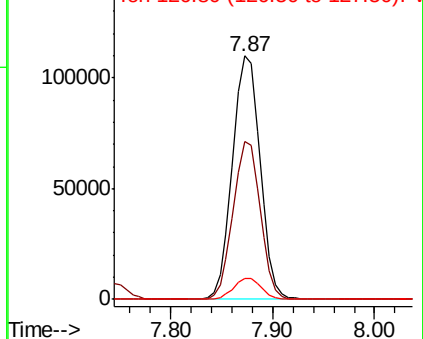
83 100

85 64.8 50.5 75.7

127 8.8 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: 47.810 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

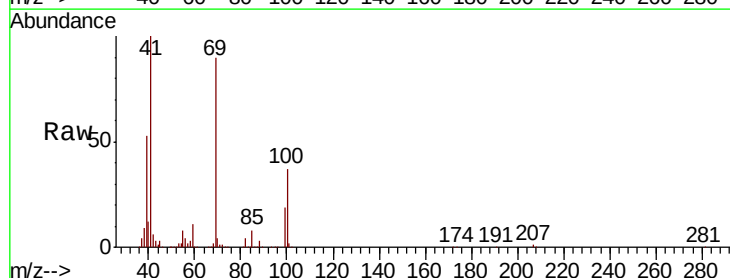
Tgt Ion: 41 Resp: 169332

Ion Ratio Lower Upper

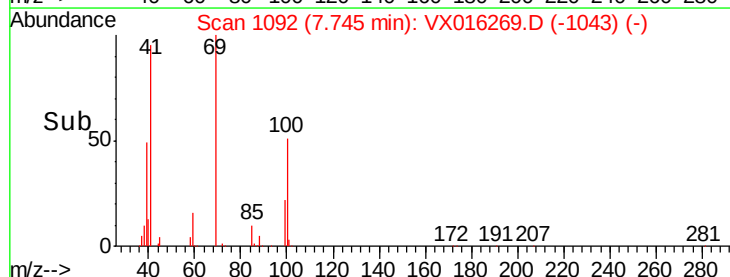
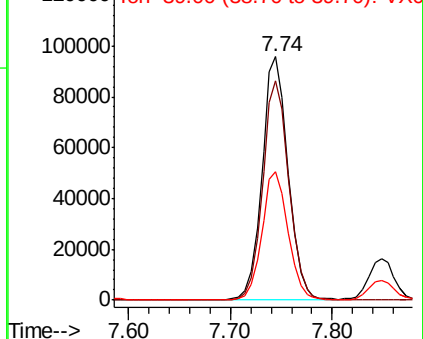
41 100

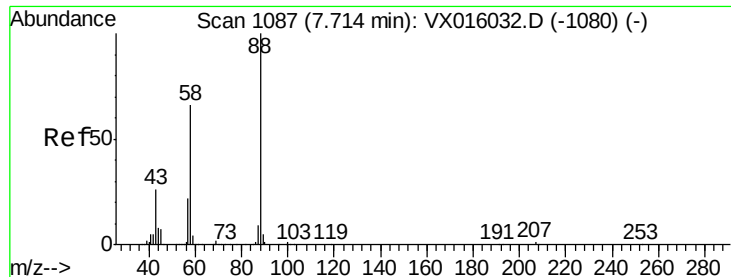
69 90.4 67.8 101.6

39 53.0 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: 929.982 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

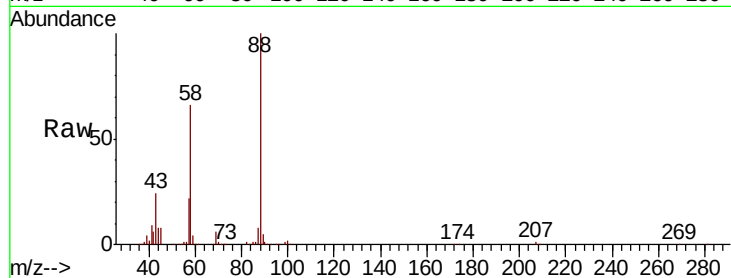
Tot Ion: 88 Resp: 78996

Ion Ratio Lower Upper

88 100

43 30.1 25.3 37.9

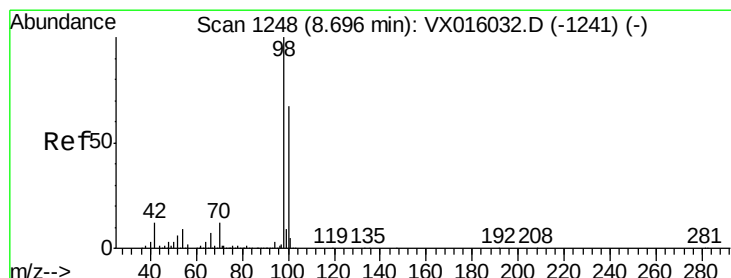
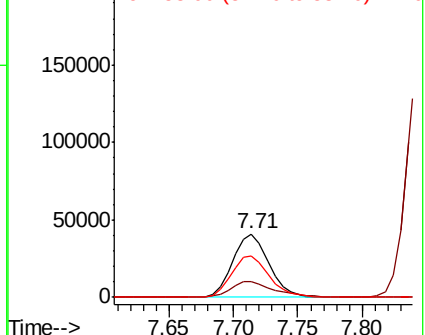
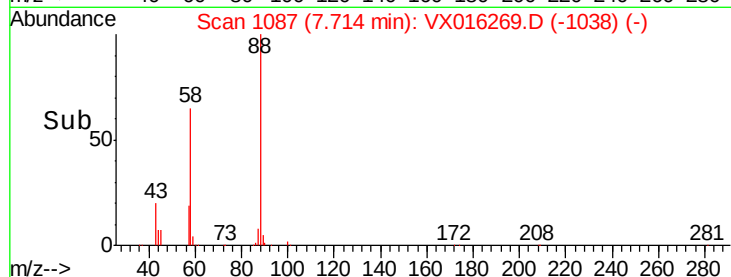
58 69.2 55.9 83.9



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: 48.592 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016269.D

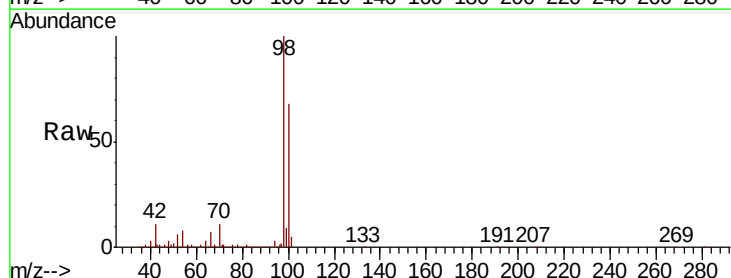
Acq: 15 May 2020 10:34

Tgt Ion: 98 Resp: 487057

Ion Ratio Lower Upper

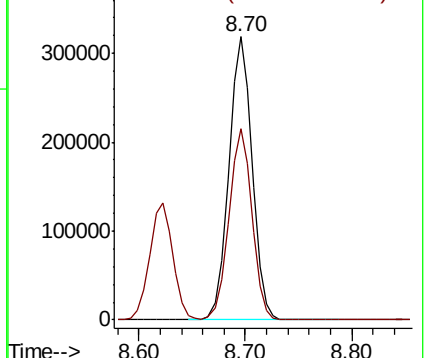
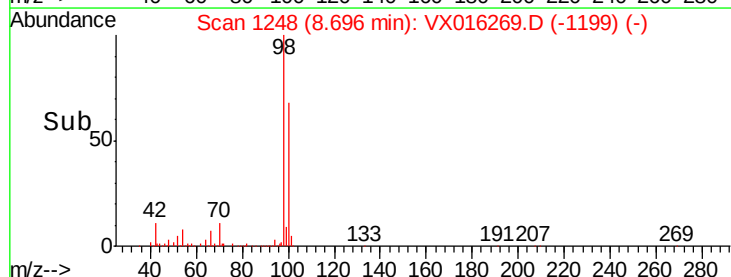
98 100

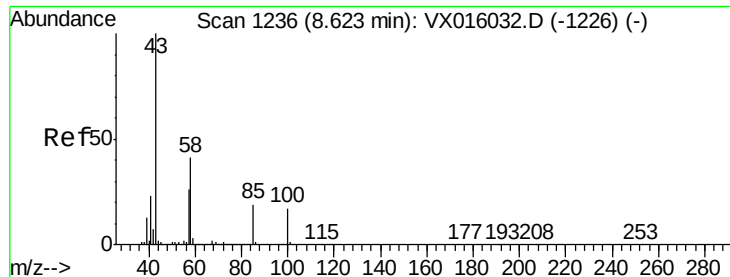
100 66.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

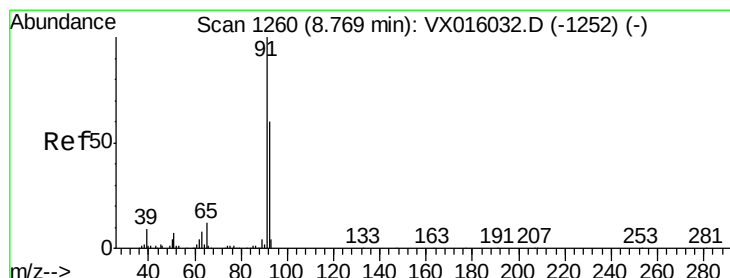
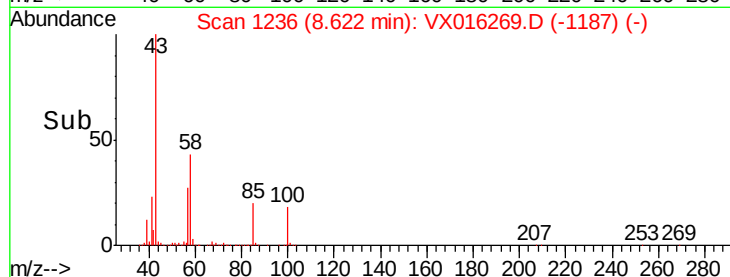
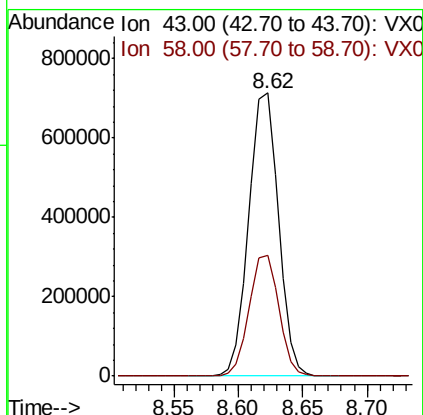
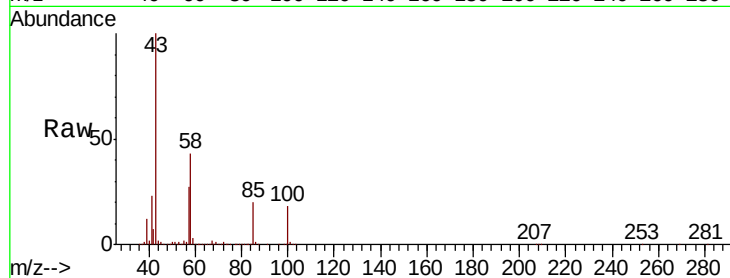




#51
4-Methyl-2-Pentanone
Concen: 248.578 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

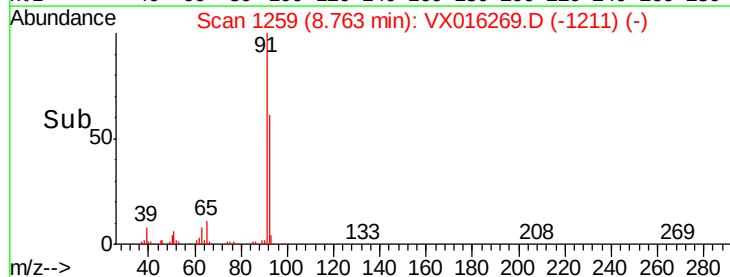
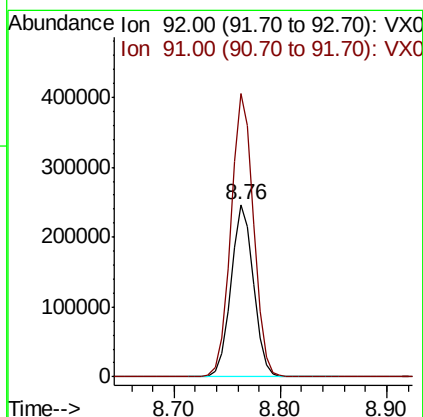
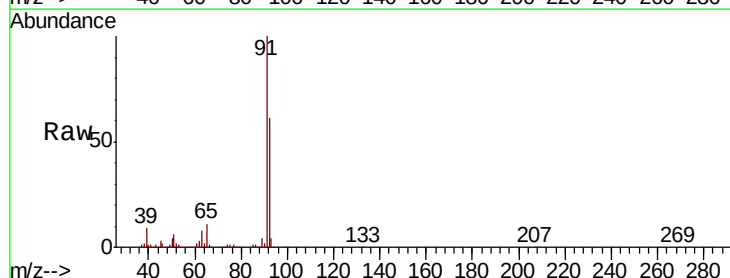
Instrument :
MSVOA_X
ClientSampleId :

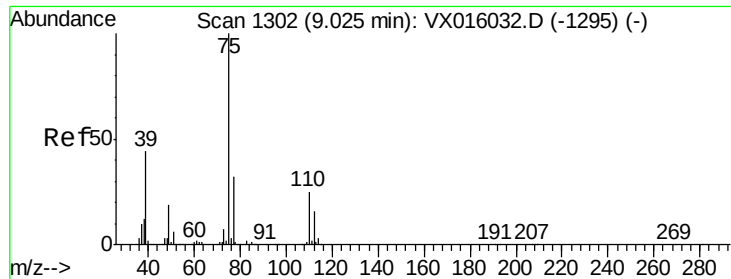
Tot Ion: 43 Resp: 1136985
Ion Ratio Lower Upper
43 100
58 42.7 33.0 49.4



#52
Toluene
Concen: 49.537 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 92 Resp: 365161
Ion Ratio Lower Upper
92 100
91 165.5 134.5 201.7

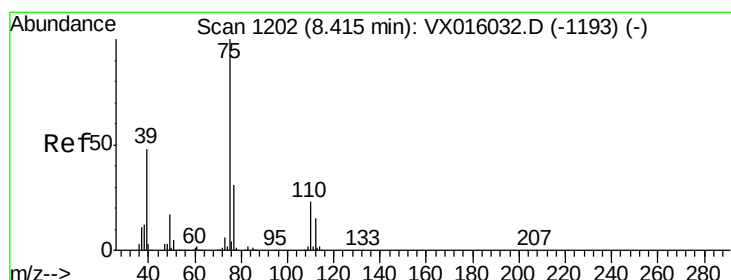
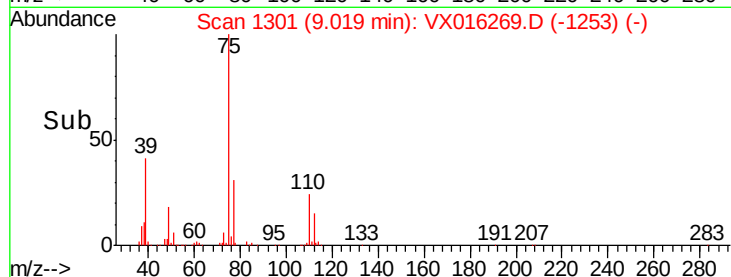
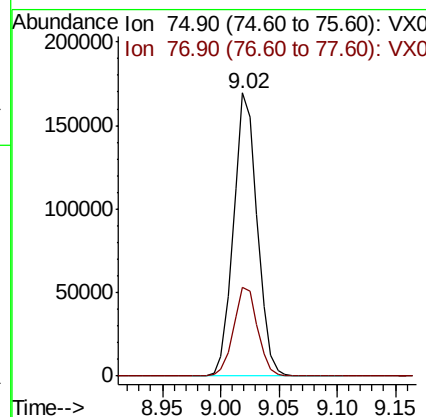
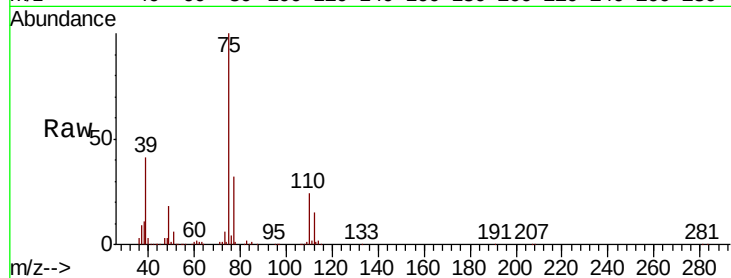




#53
t-1,3-Dichloropropene
Concen: 48.679 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

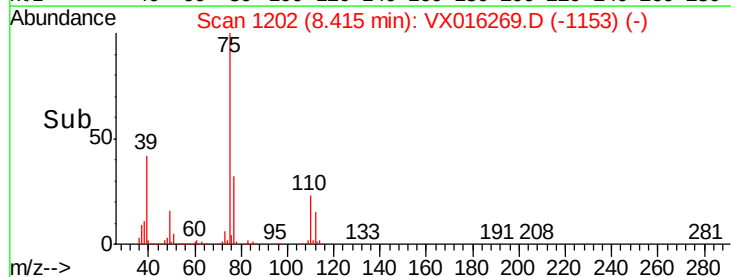
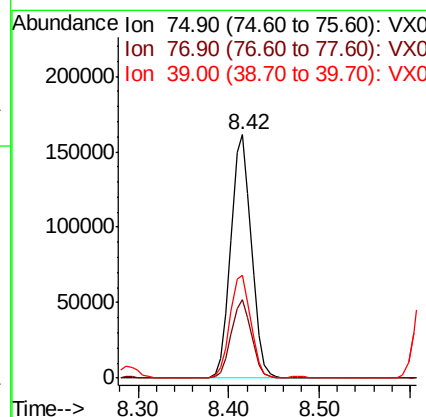
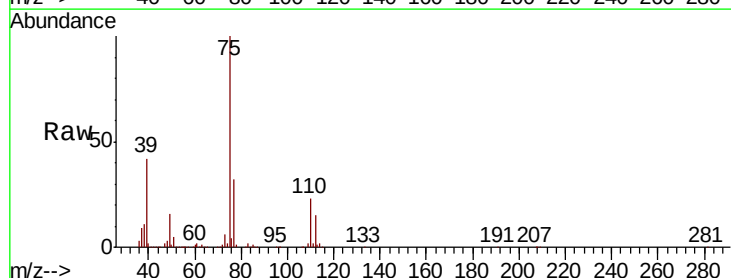
Instrument :
MSVOA_X
ClientSampleId :

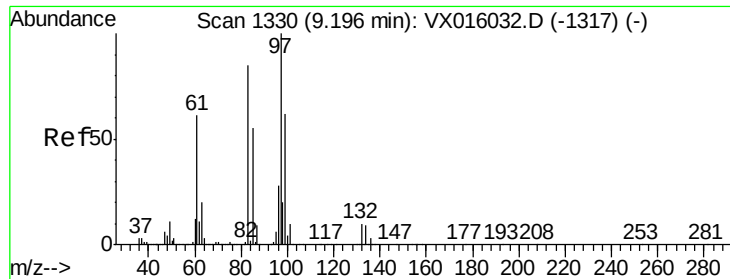
Tot Ion: 75 Resp: 240385
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 49.394 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 75 Resp: 254775
Ion Ratio Lower Upper
75 100
77 32.2 24.7 37.1
39 42.1 38.7 58.1

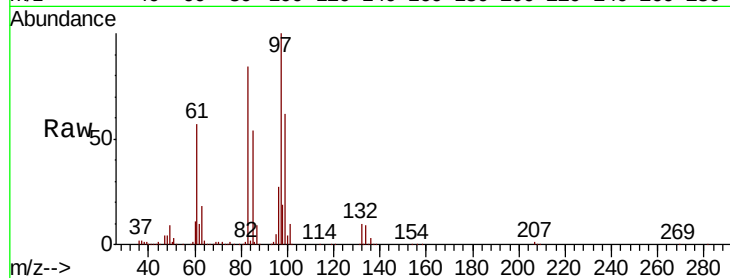




#55
 1,1,2-Trichloroethane
 Concen: 50.764 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	147227
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.8	101.8
85	54.0	43.8	65.8
99	61.6	49.4	74.0



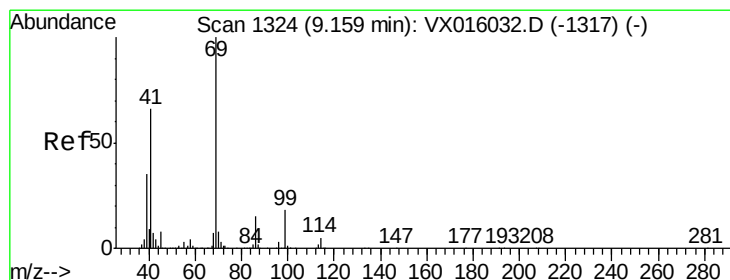
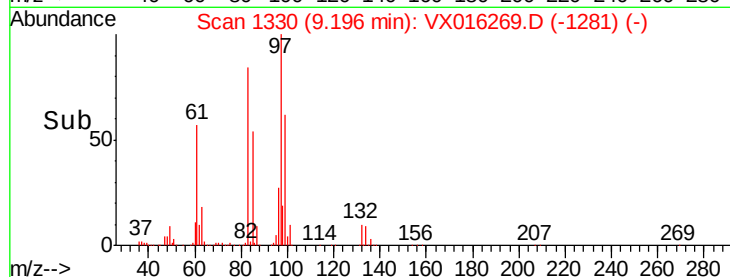
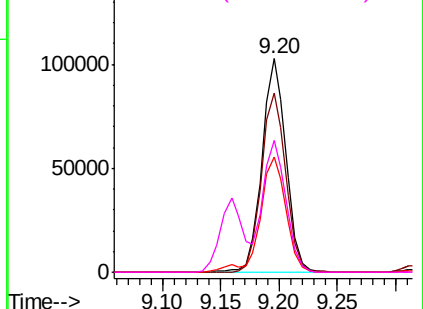
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

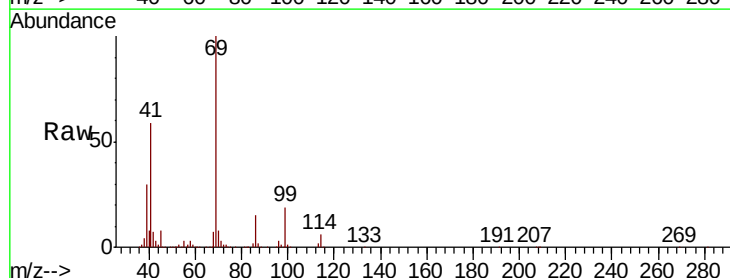
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.043 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

Tgt Ion:	69	Resp:	246375
Ion	Ratio	Lower	Upper
69	100		
41	61.2	52.2	78.4
39	31.0	28.2	42.4

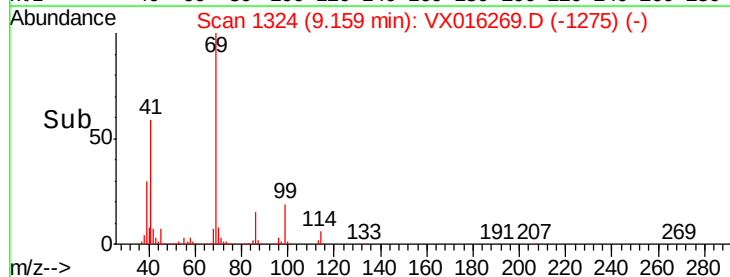
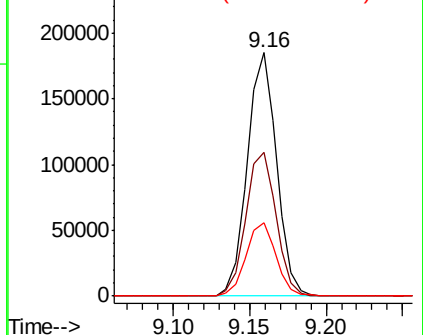


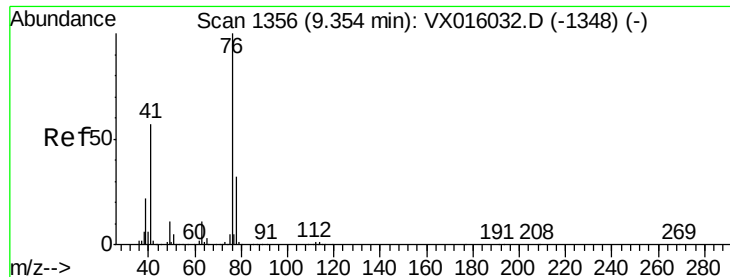
Abundance

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: 50.274 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

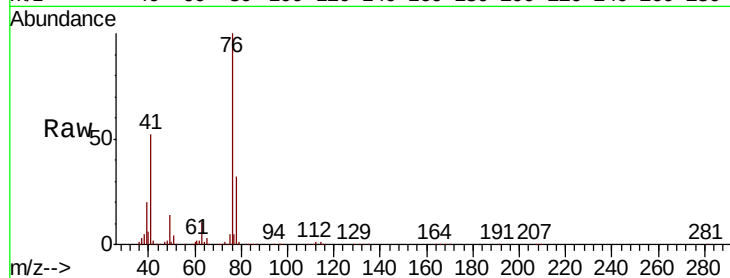
ClientSampleId :

Tot Ion: 76 Resp: 254417

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

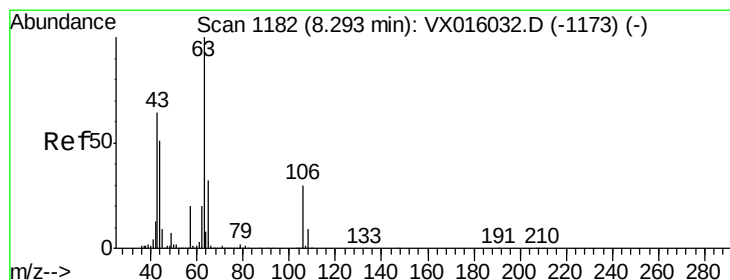
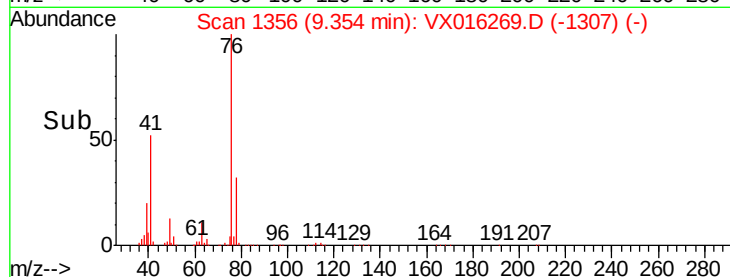
100000

50000

0

Time-->

9.30 9.40



#58

2-Chloroethyl Vinyl ether

Concen: 261.131 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016269.D

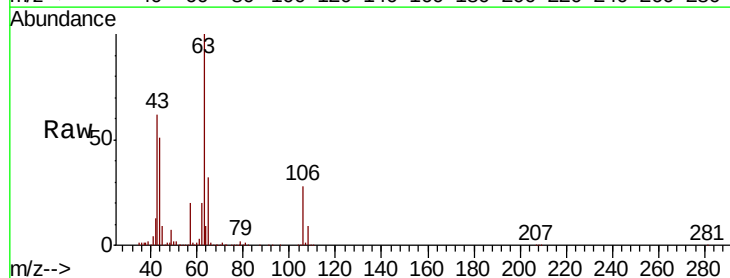
Acq: 15 May 2020 10:34

Tgt Ion: 63 Resp: 658131

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

300000

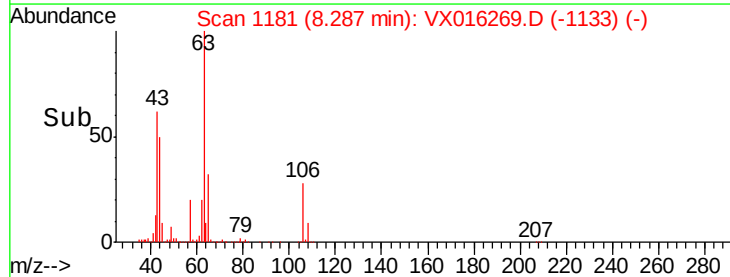
200000

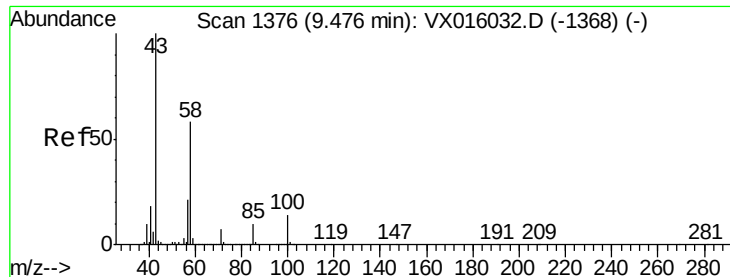
100000

0

Time-->

8.20 8.30 8.40

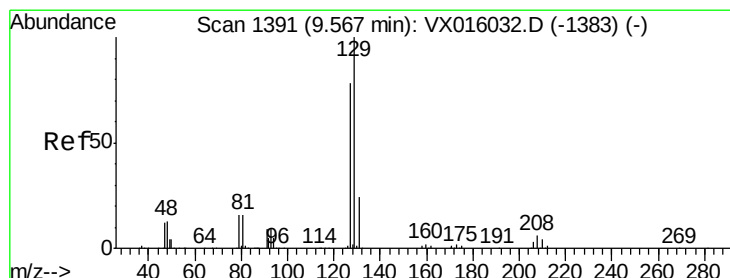
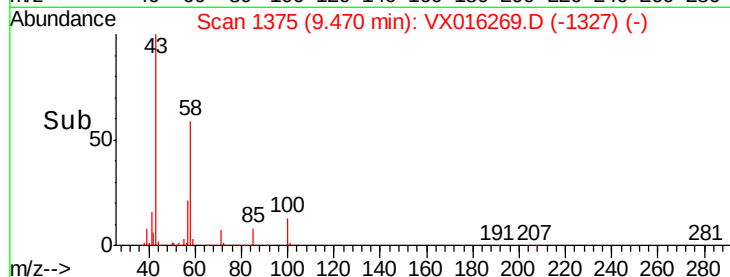
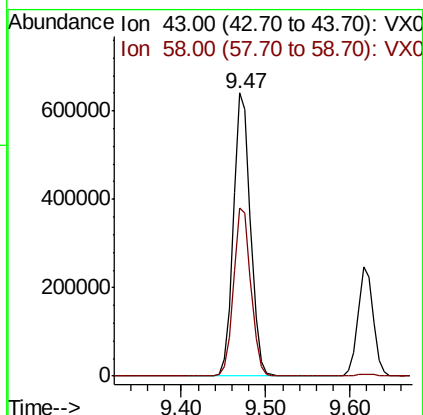
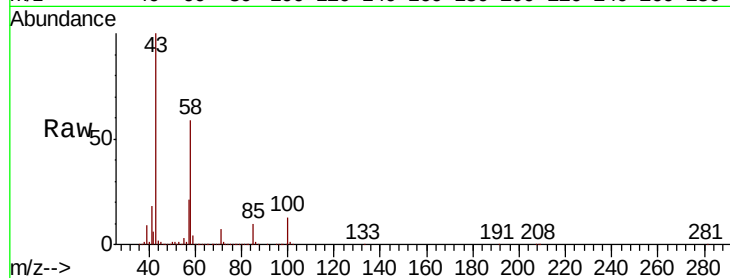




#59
2-Hexanone
Concen: 244.450 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

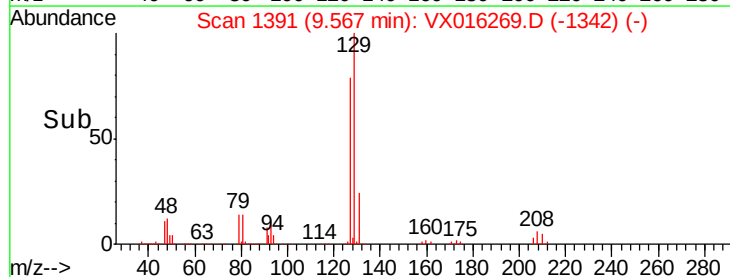
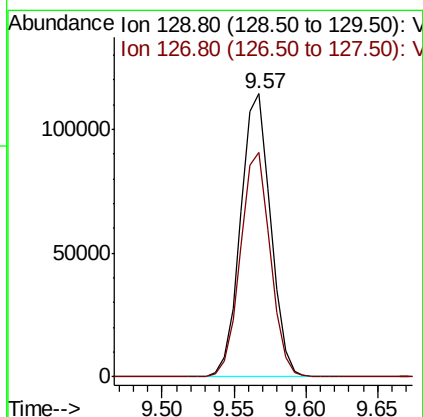
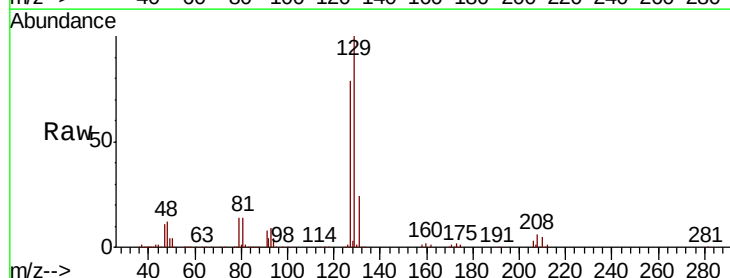
Instrument :
MSVOA_X
ClientSampleId :

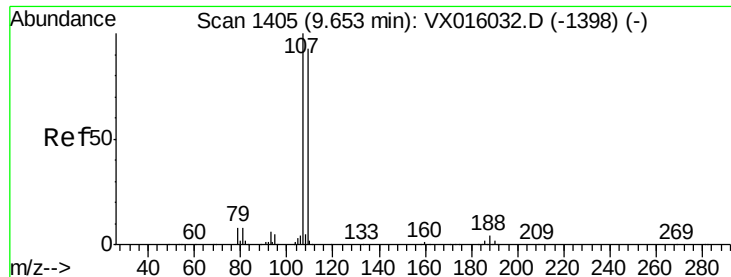
Tot Ion: 43 Resp: 878073
Ion Ratio Lower Upper
43 100
58 60.1 28.6 85.9



#60
Dibromochloromethane
Concen: 51.868 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 129 Resp: 165676
Ion Ratio Lower Upper
129 100
127 78.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.196 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

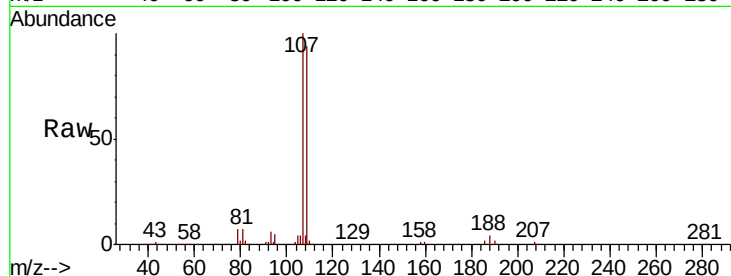
ClientSampleId :

Tot Ion:107 Resp: 157689

Ion Ratio Lower Upper

107 100

109 93.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

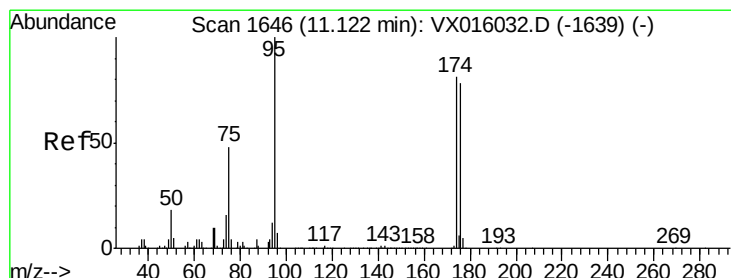
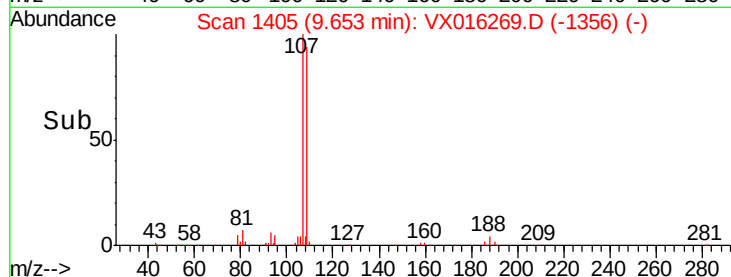
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.835 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

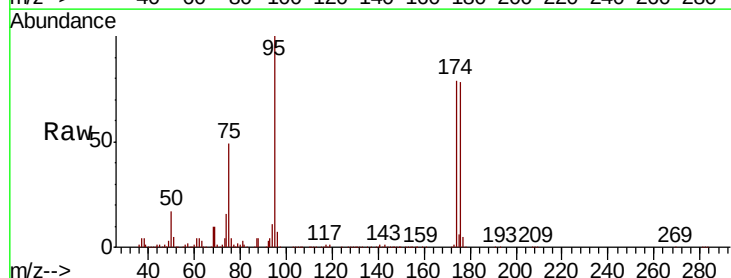
Tgt Ion: 95 Resp: 189989

Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.4

176 79.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

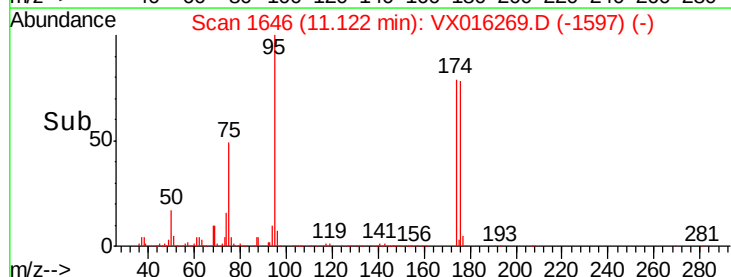
150000

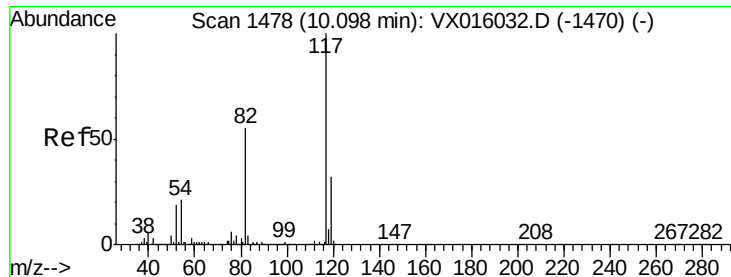
100000

50000

0

Time--> 11.10 11.12 11.20

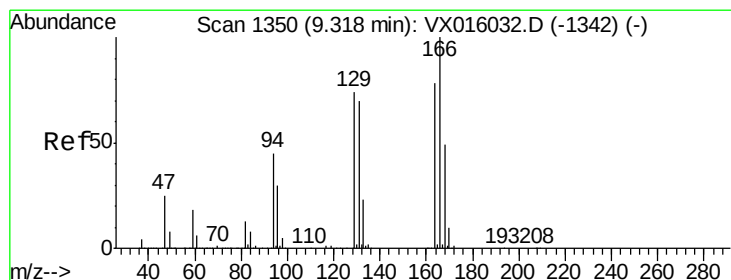
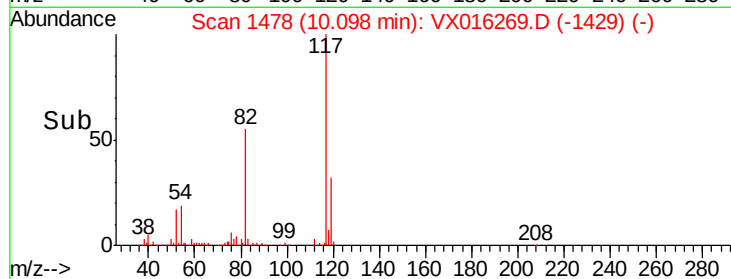
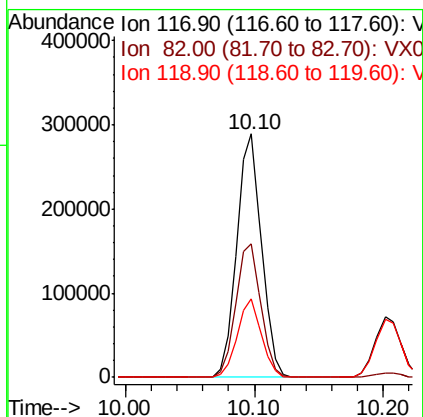
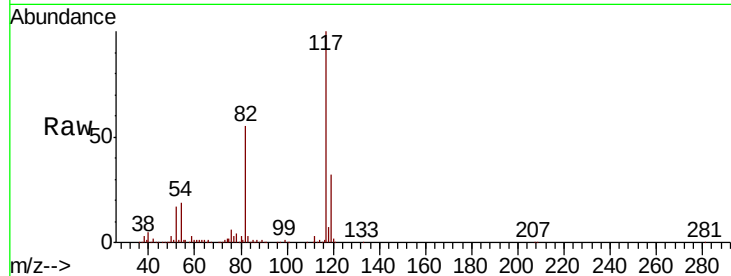




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

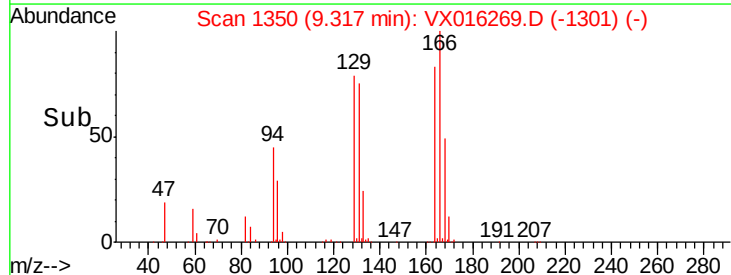
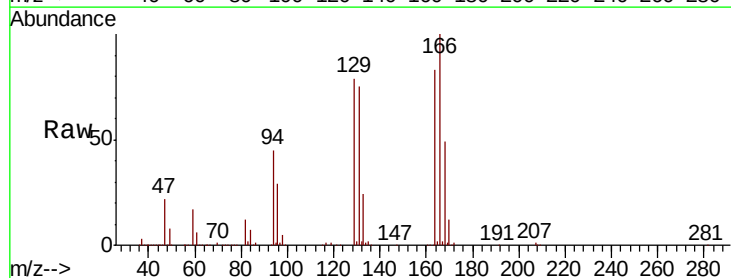
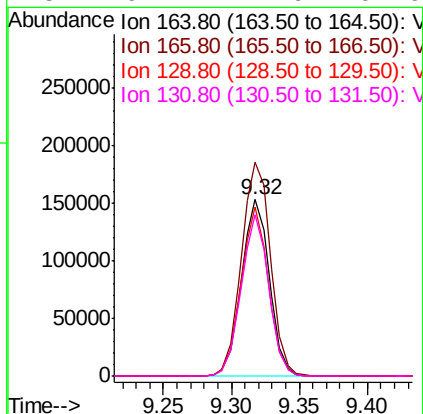
Instrument :
MSVOA_X
ClientSampled :

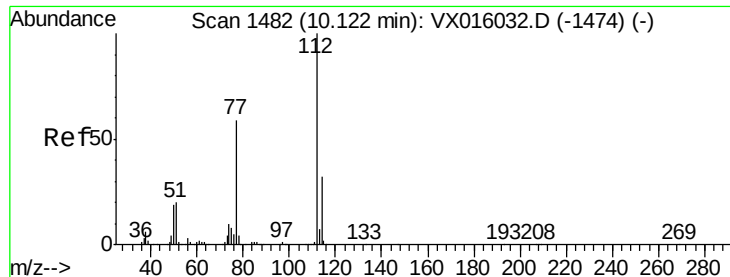
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.4	66.6
119	32.0	25.5	38.3



#64
Tetrachloroethene
Concen: 46.198 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.2	102.9	154.3
129	95.8	76.1	114.1
131	91.4	71.9	107.9

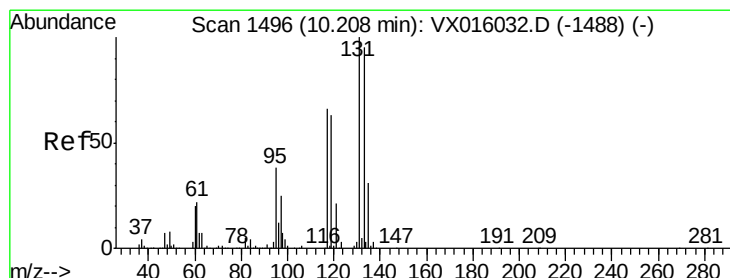
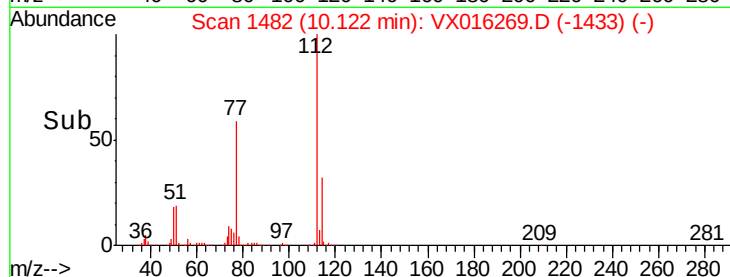
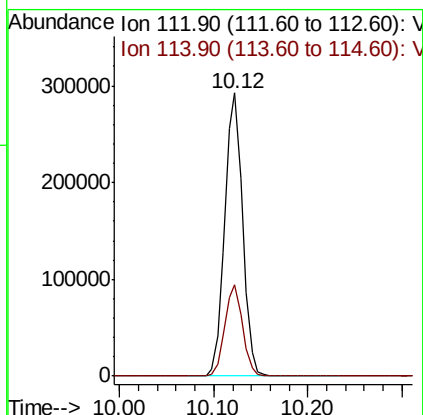
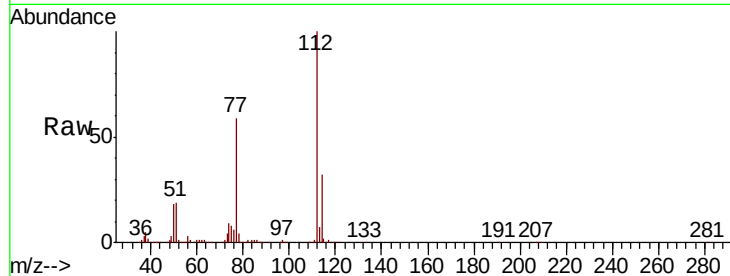




#65
Chlorobenzene
Concen: 47.586 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

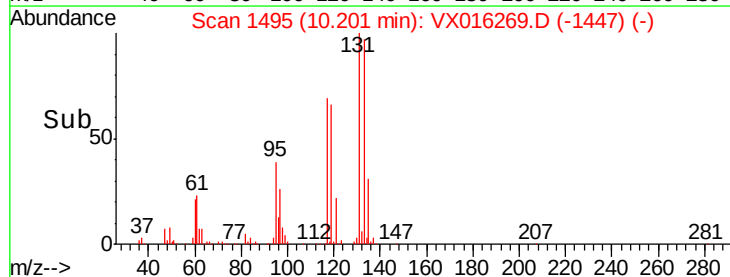
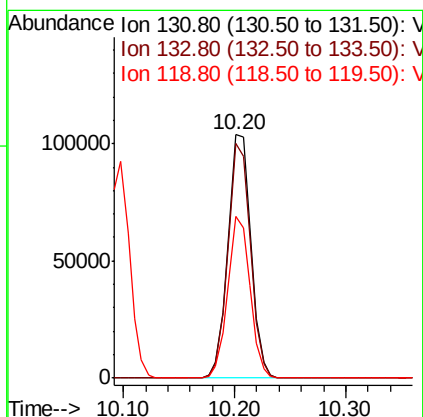
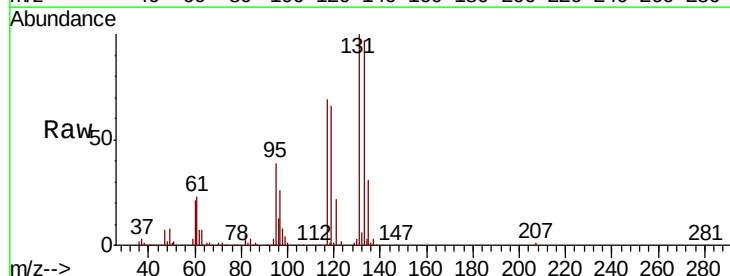
Instrument :
MSVOA_X
ClientSampleId :

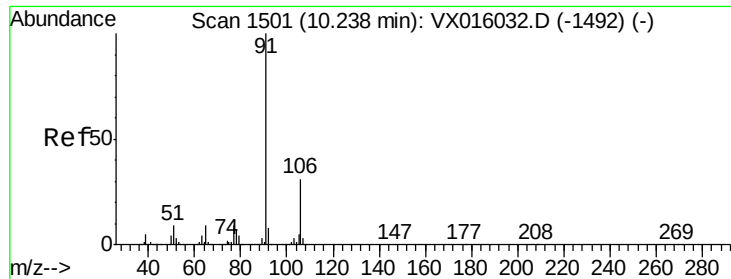
Tot Ion:112 Resp: 384947
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.904 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion:131 Resp: 149211
Ion Ratio Lower Upper
131 100
133 94.8 48.3 144.8
119 64.0 32.3 96.9





#67

Ethyl Benzene

Concen: 47.541 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

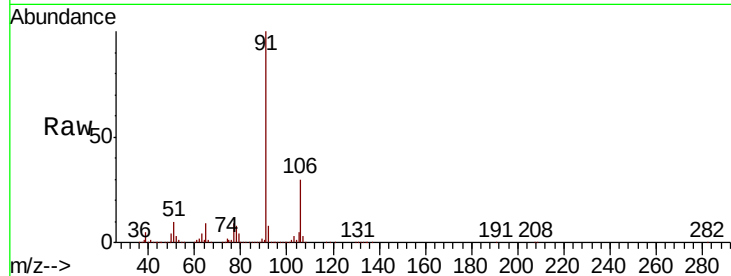
ClientSampleId :

Tot Ion: 91 Resp: 686182

Ion Ratio Lower Upper

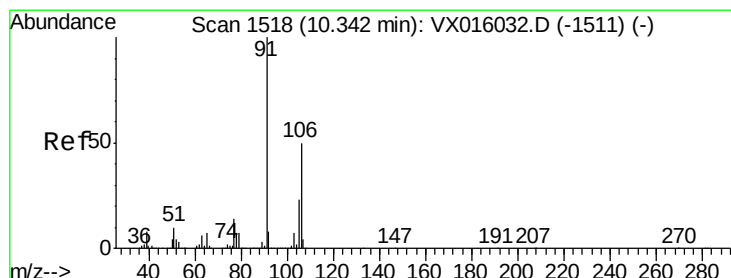
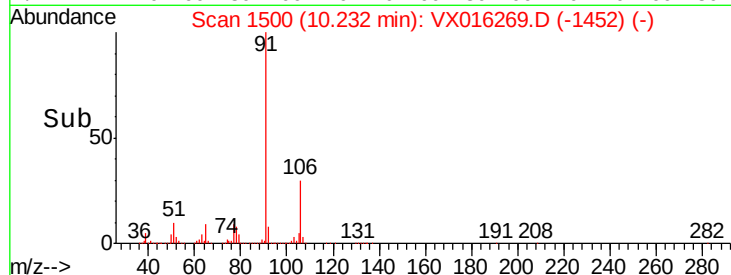
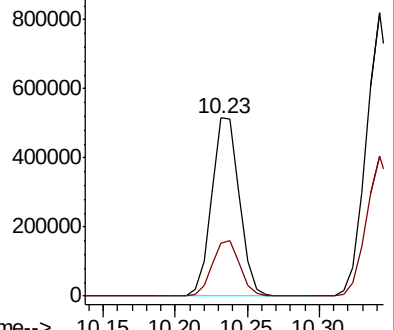
91 100

106 30.1 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: 97.828 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016269.D

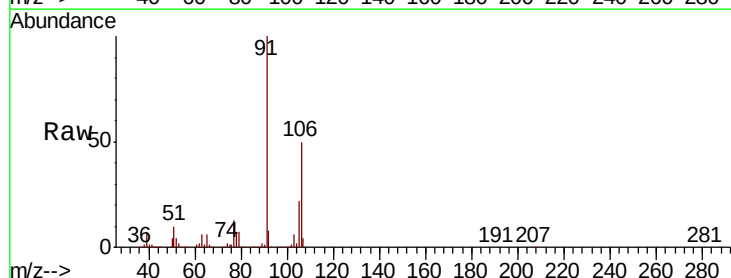
Acq: 15 May 2020 10:34

Tgt Ion:106 Resp: 529029

Ion Ratio Lower Upper

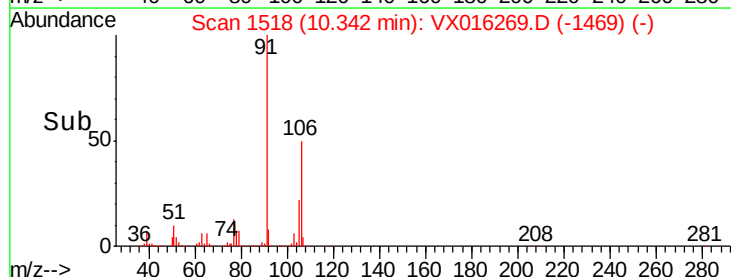
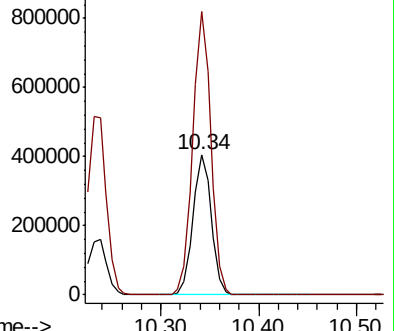
106 100

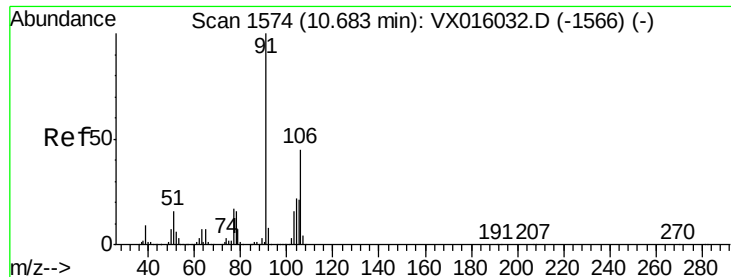
91 199.8 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

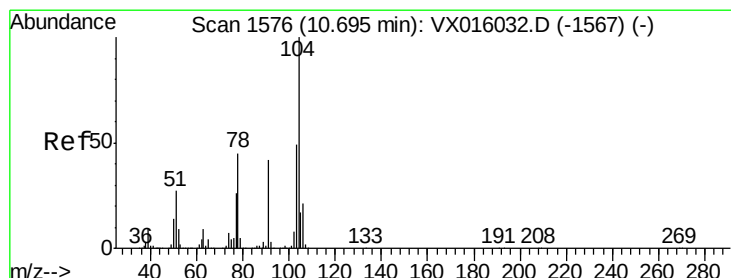
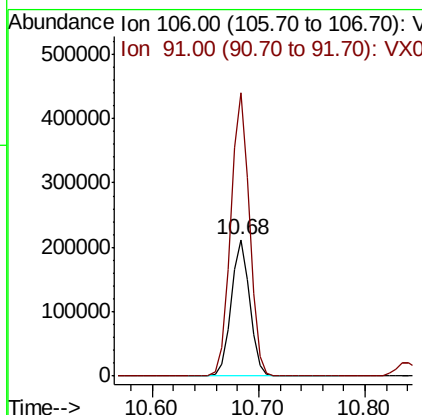
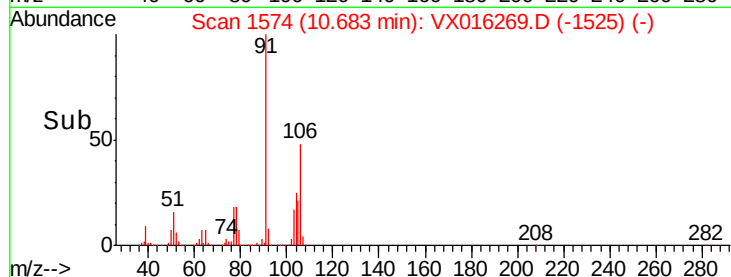
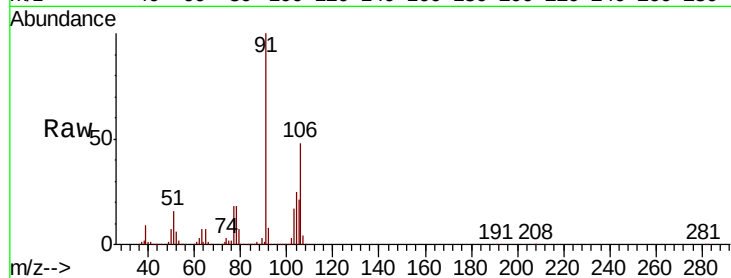




#69
o-Xylene
Concen: 49.622 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

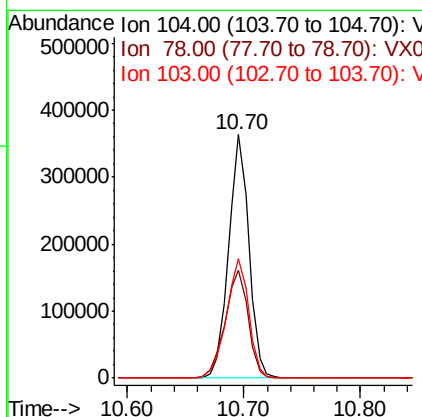
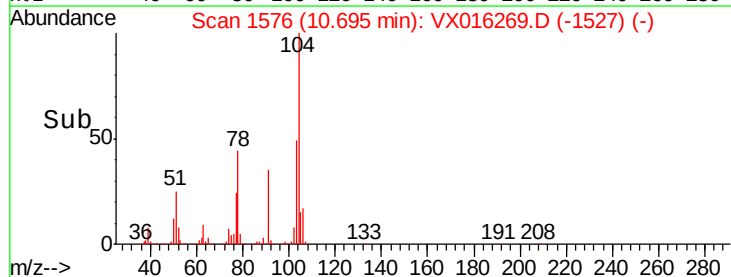
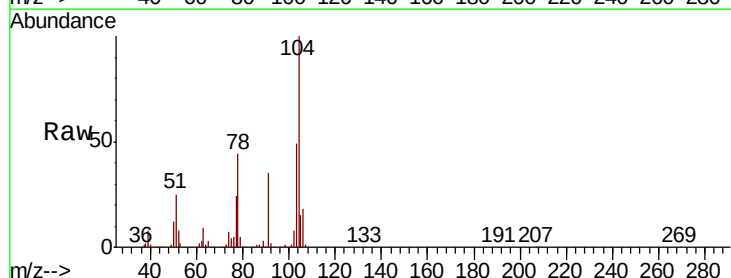
Instrument :
MSVOA_X
ClientSampled :

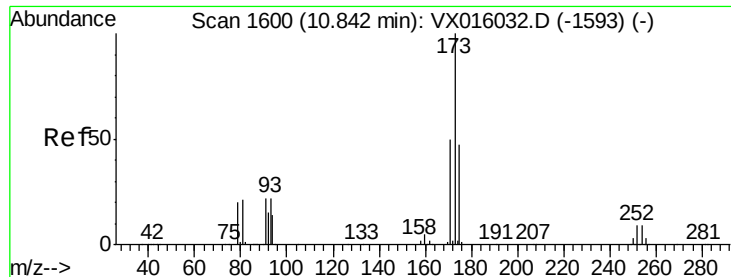
Tot Ion:106 Resp: 257939
Ion Ratio Lower Upper
106 100
91 211.1 107.5 322.6



#70
Styrene
Concen: 50.014 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion:104 Resp: 441054
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.2
103 54.2 43.0 64.6





#71

Bromoform

Concen: 53.556 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

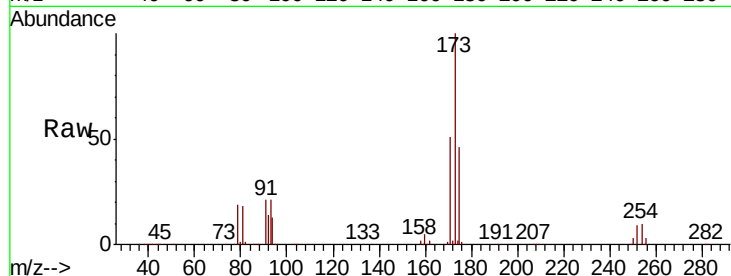
Tot Ion:173 Resp: 130462

Ion Ratio Lower Upper

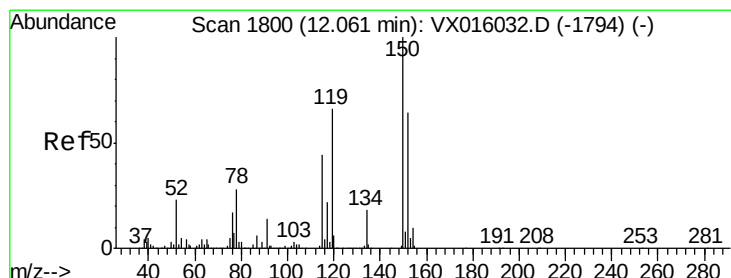
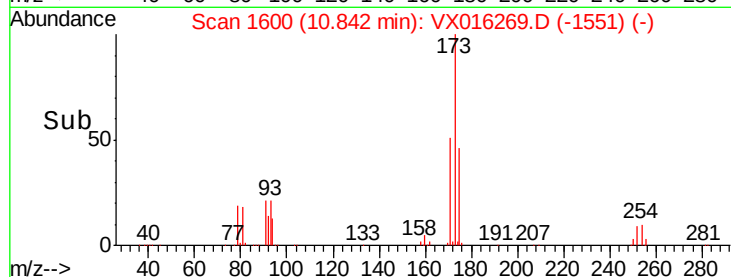
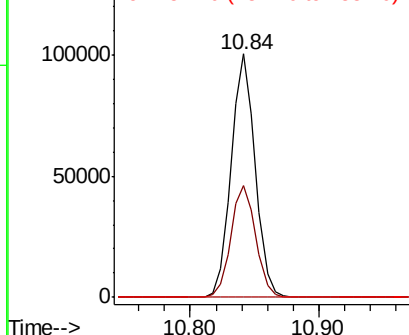
173 100

175 47.6 24.0 72.0

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

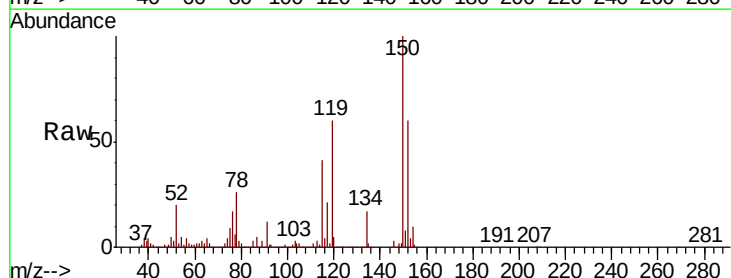
Tgt Ion:152 Resp: 194695

Ion Ratio Lower Upper

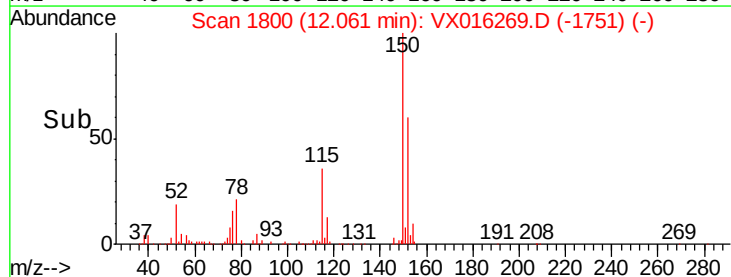
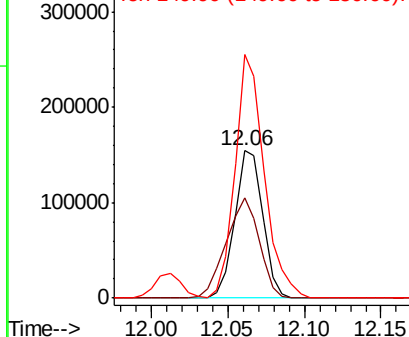
152 100

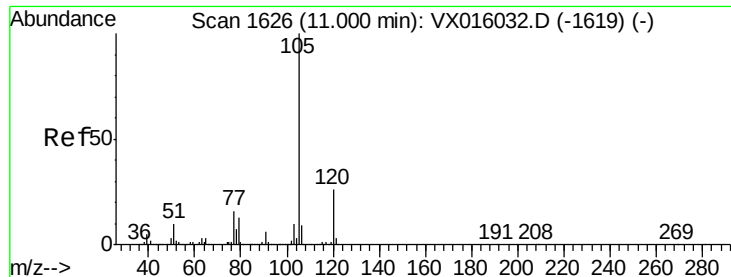
115 80.6 41.3 124.1

150 173.5 0.0 352.2



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





#73

Isopropylbenzene

Concen: 48.230 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

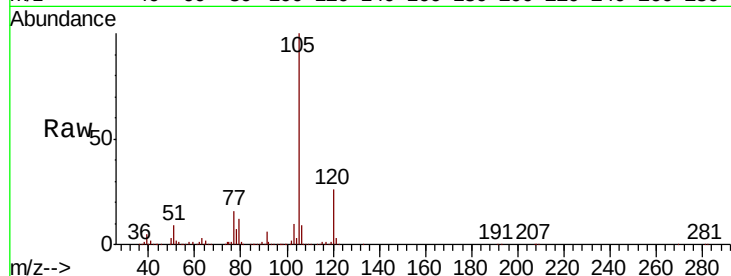
ClientSampleId :

Tot Ion:105 Resp: 682992

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

600000

500000

400000

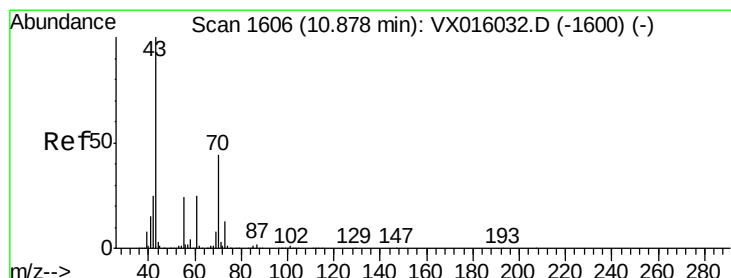
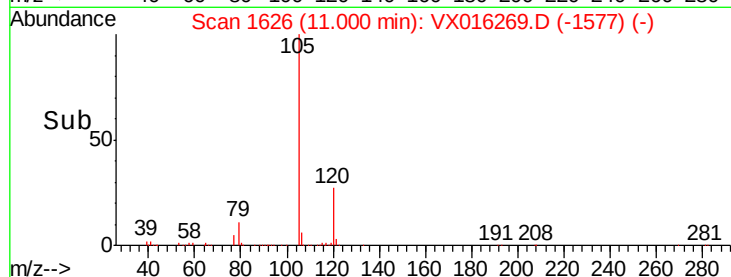
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.213 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Tgt Ion: 43 Resp: 311856

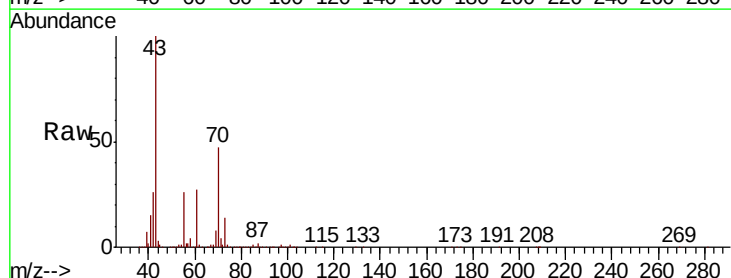
Ion Ratio Lower Upper

43 100

70 47.2 36.5 54.7

55 25.7 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

400000

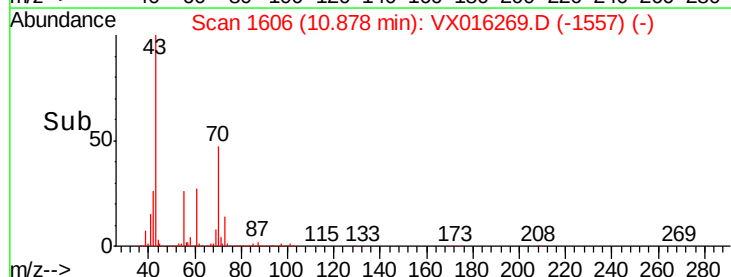
300000

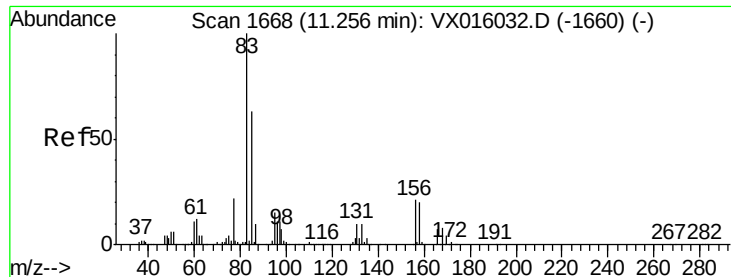
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 57.178 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

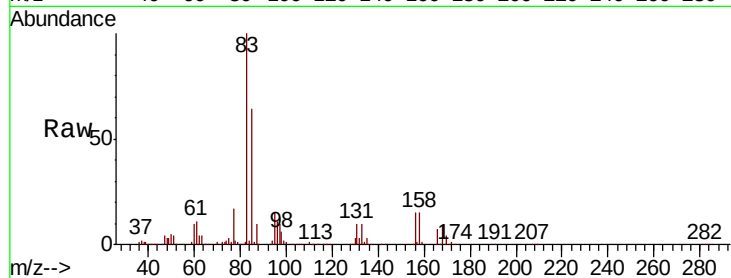
Tot Ion: 83 Resp: 161958

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

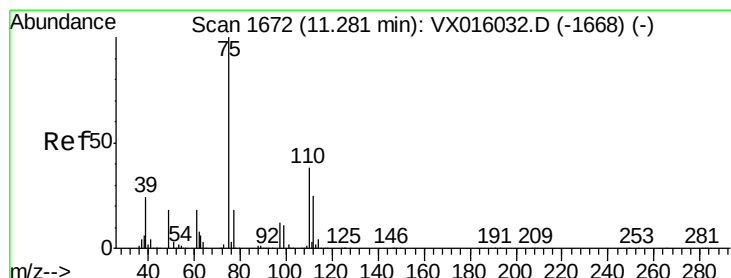
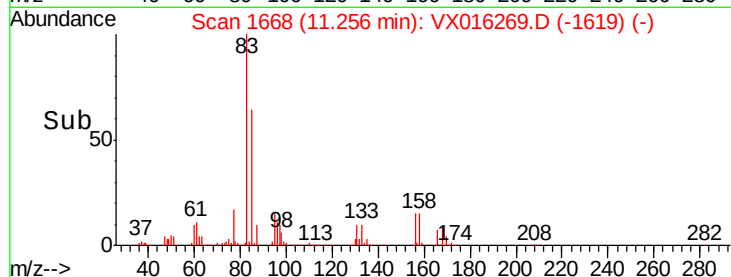
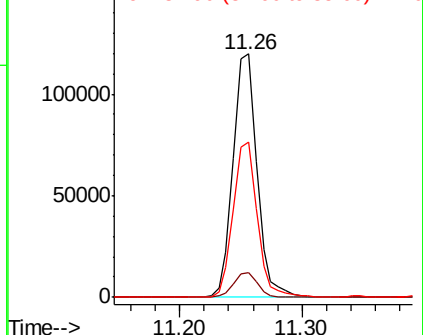
85 64.3 32.0 96.0



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: 66.836 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016269.D

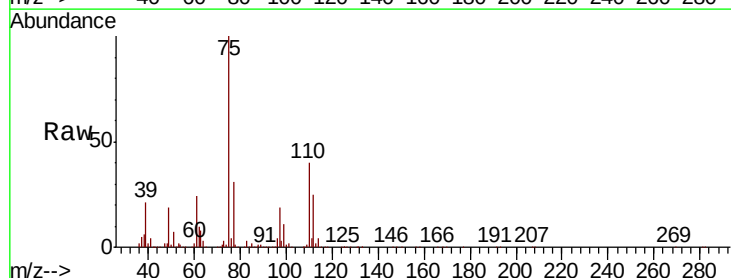
Acq: 15 May 2020 10:34

Tgt Ion: 75 Resp: 295289

Ion Ratio Lower Upper

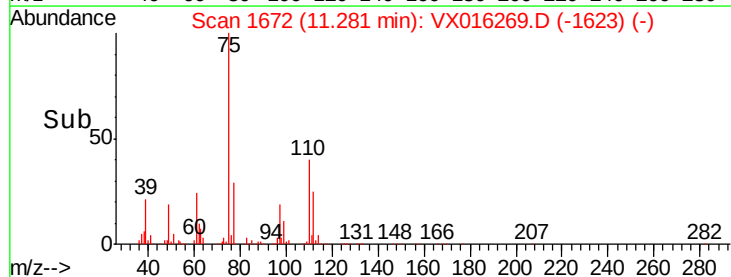
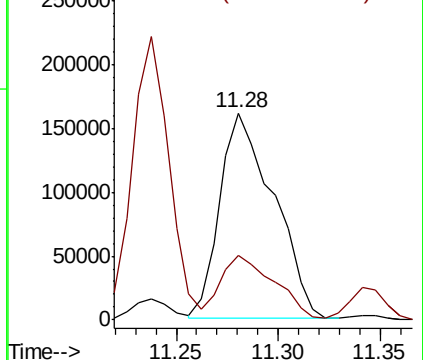
75 100

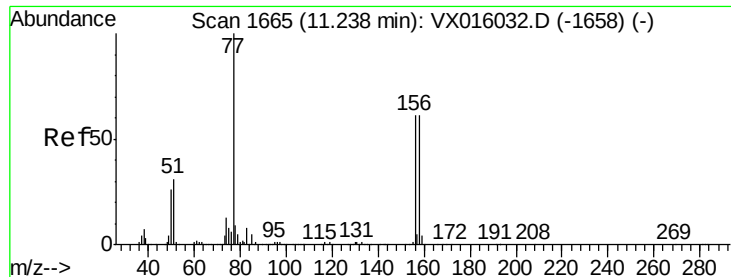
77 31.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.600 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampled :

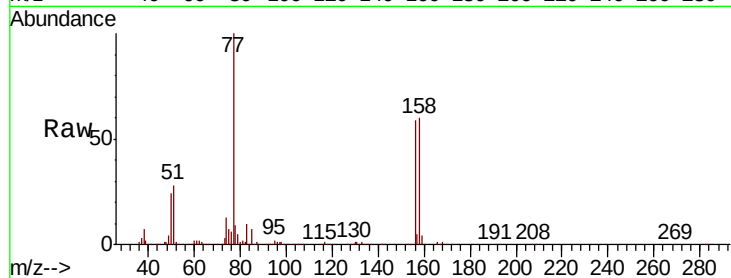
Tot Ion:156 Resp: 170333

Ion Ratio Lower Upper

156 100

77 164.1 80.1 240.3

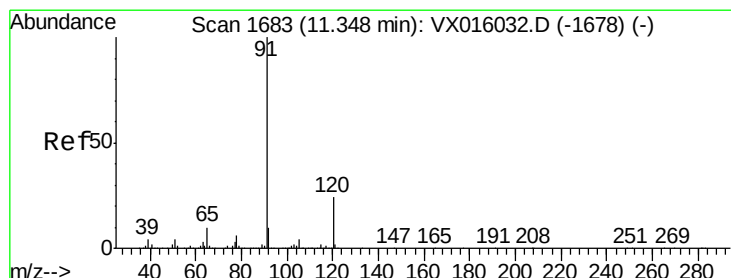
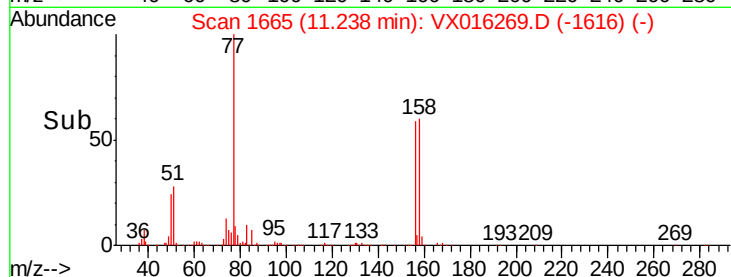
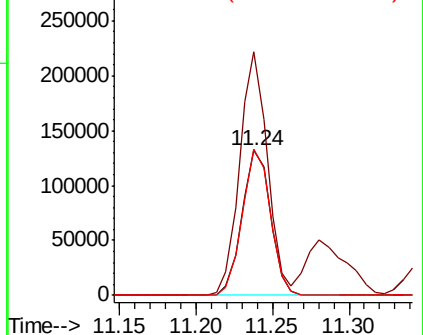
158 99.4 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.675 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016269.D

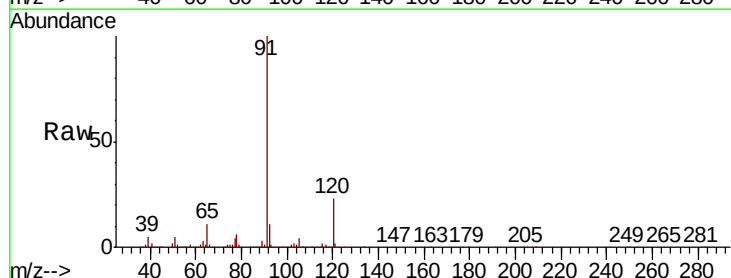
Acq: 15 May 2020 10:34

Tgt Ion: 91 Resp: 785406

Ion Ratio Lower Upper

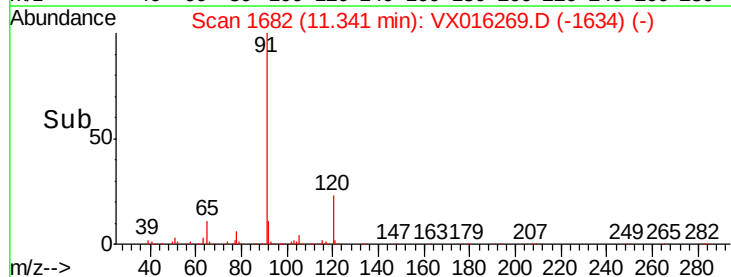
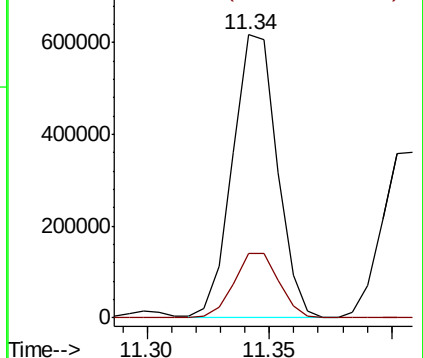
91 100

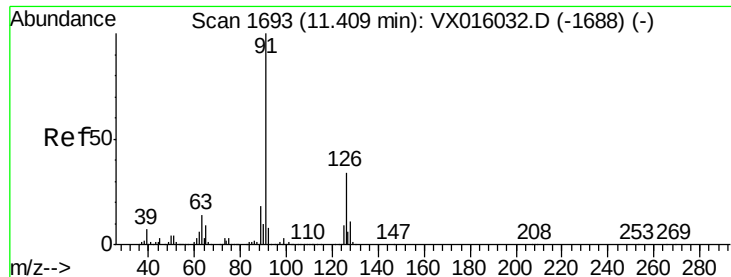
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

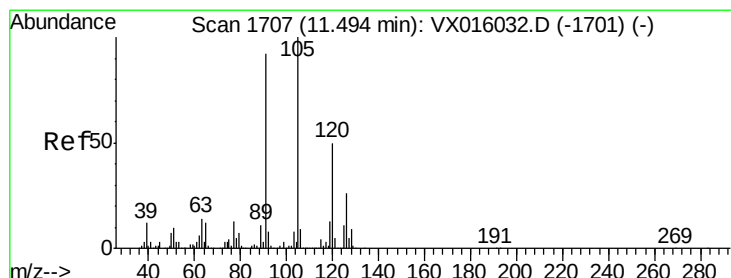
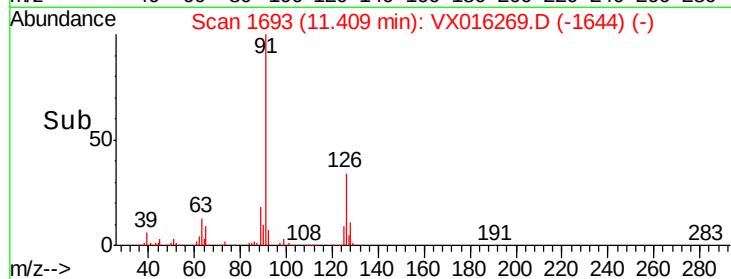
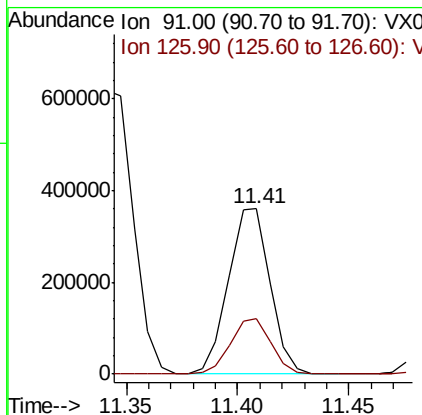
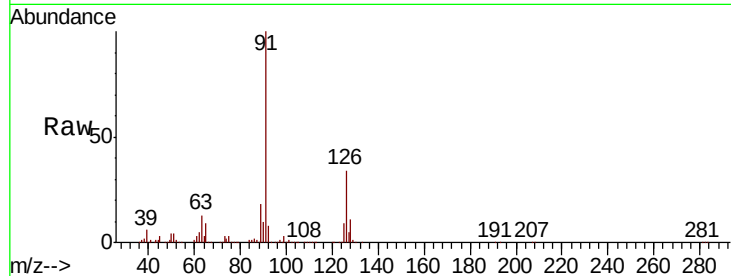




#79
 2-Chlorotoluene
 Concen: 48.420 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

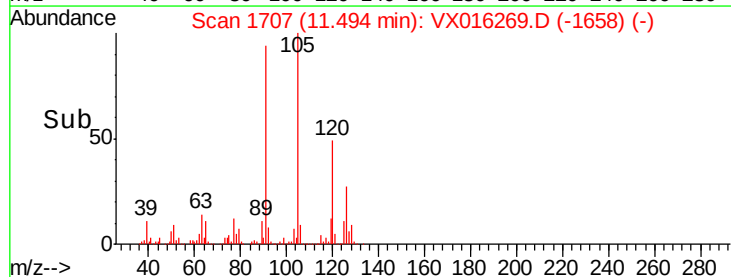
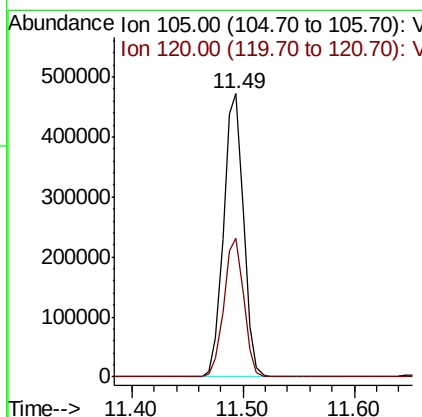
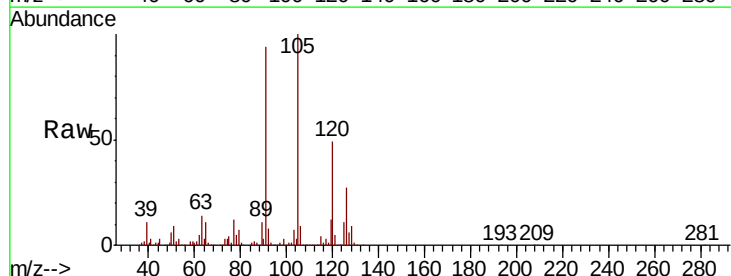
Instrument :
 MSVOA_X
 ClientSampleId :

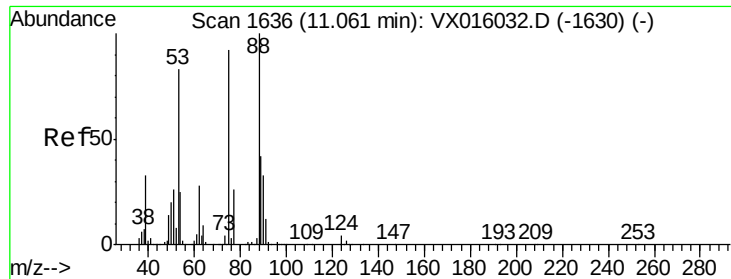
Tot Ion: 91 Resp: 470850
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 48.587 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

Tgt Ion: 105 Resp: 580928
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 74.0

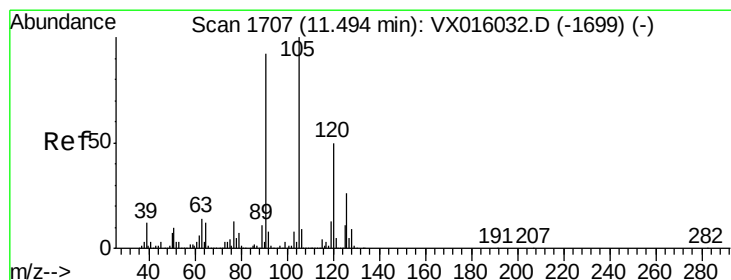
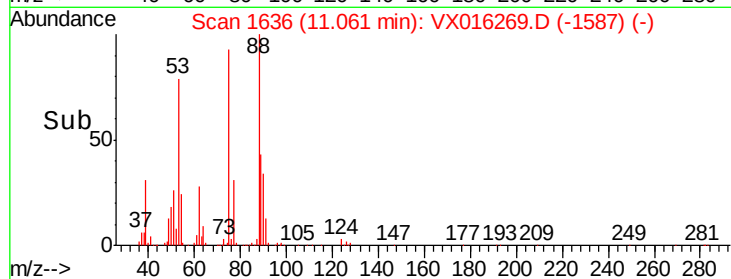
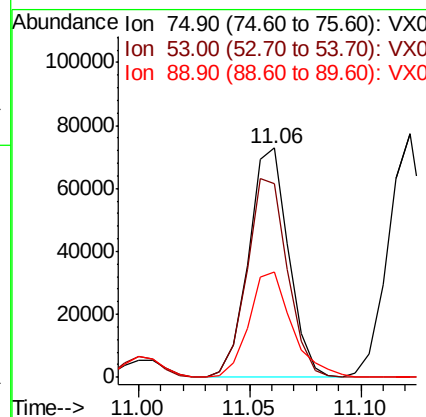
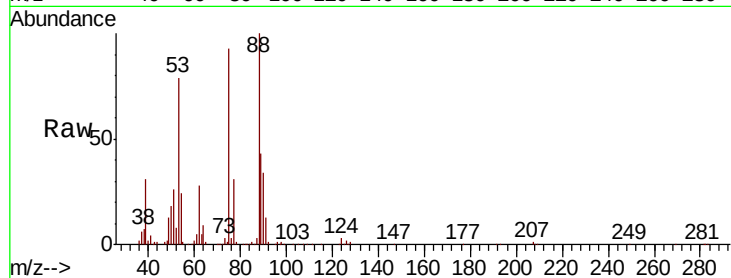




#81
trans-1,4-Dichloro-2-butene
Concen: 48.873 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

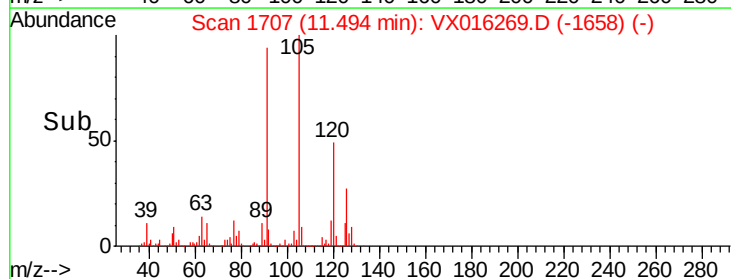
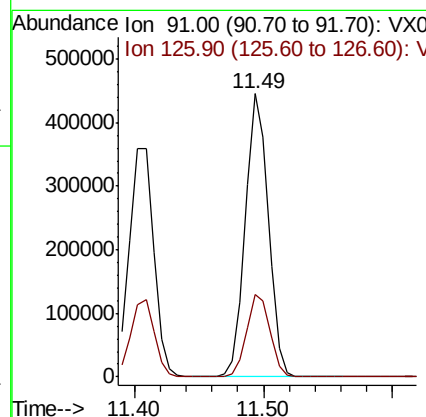
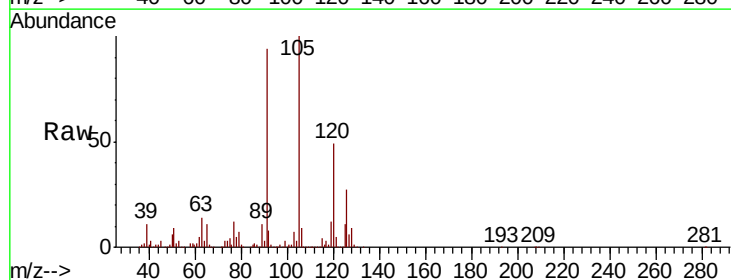
Instrument :
MSVOA_X
ClientSampleId :

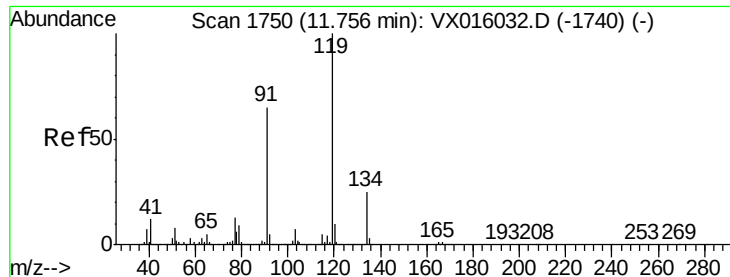
Tot Ion: 75 Resp: 90607
Ion Ratio Lower Upper
75 100
53 88.6 73.1 109.7
89 49.9 36.7 55.1



#82
4-Chlorotoluene
Concen: 47.865 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016269.D
Acq: 15 May 2020 10:34

Tgt Ion: 91 Resp: 549645
Ion Ratio Lower Upper
91 100
126 29.3 14.8 44.3





#83

tert-Butylbenzene

Concen: 48.370 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

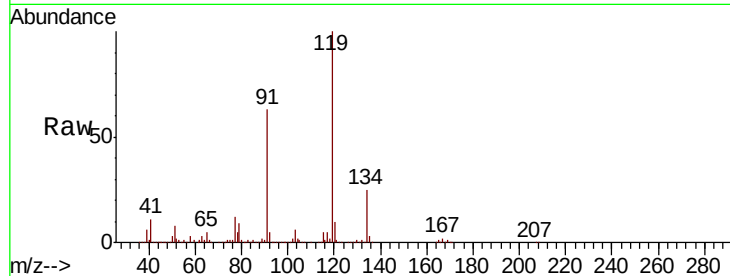
Tot Ion:119 Resp: 498405

Ion Ratio Lower Upper

119 100

91 63.2 32.8 98.4

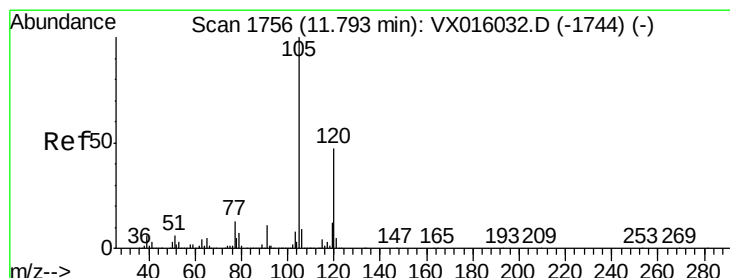
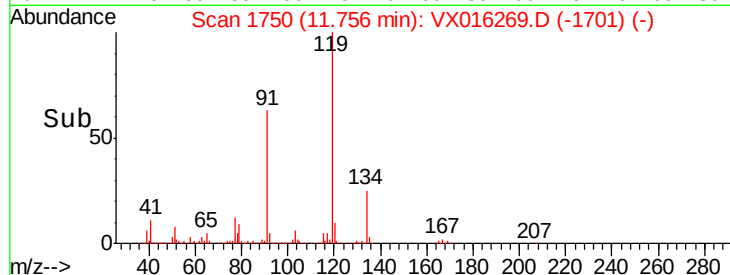
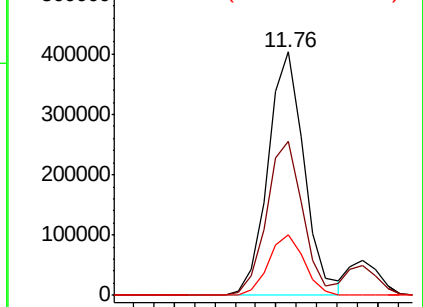
134 24.4 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.816 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016269.D

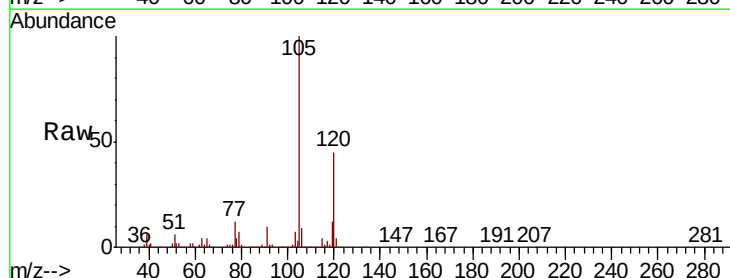
Acq: 15 May 2020 10:34

Tgt Ion:105 Resp: 590092

Ion Ratio Lower Upper

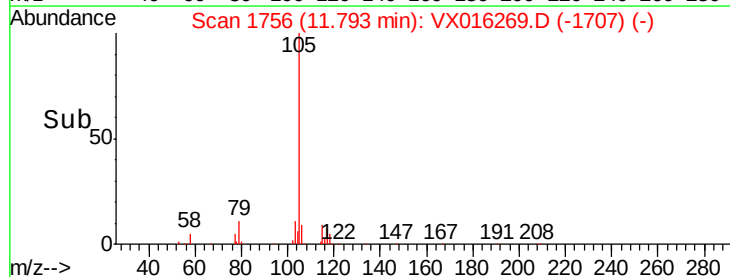
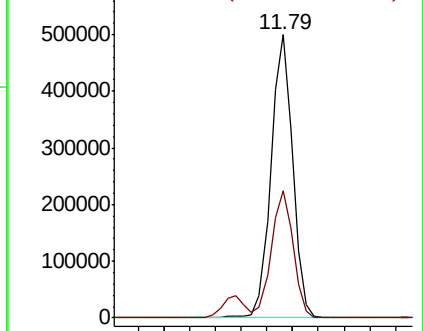
105 100

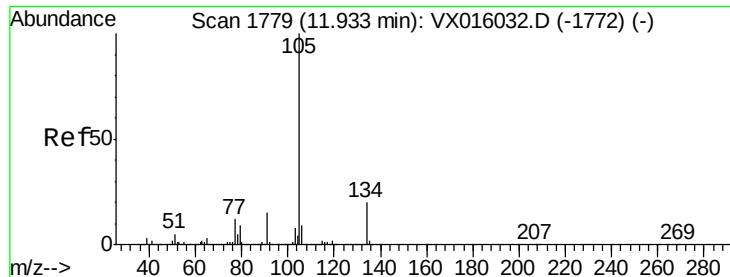
120 45.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.372 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

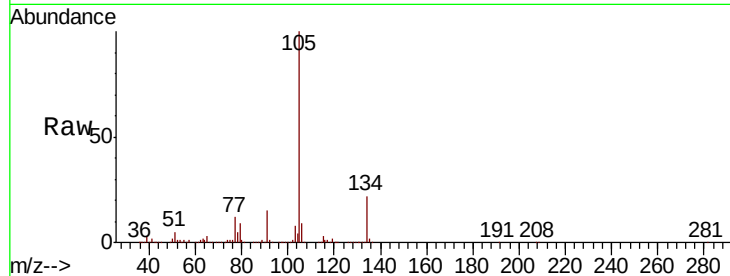
ClientSampled :

Tot Ion:105 Resp: 645149

Ion Ratio Lower Upper

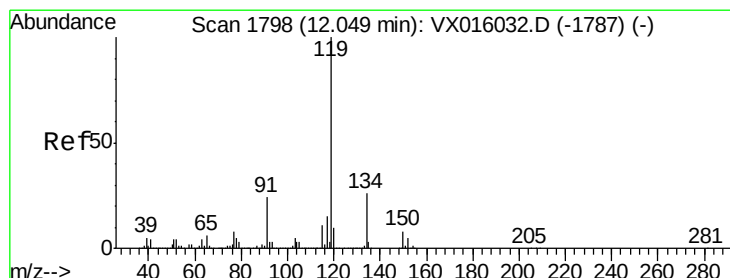
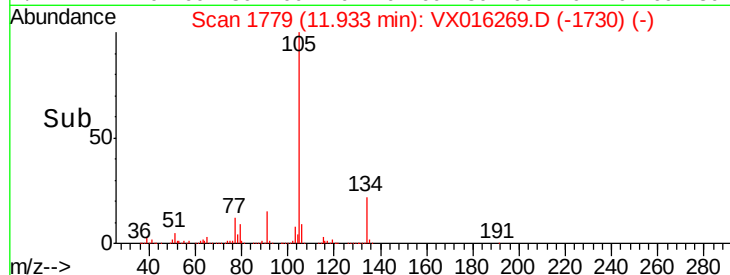
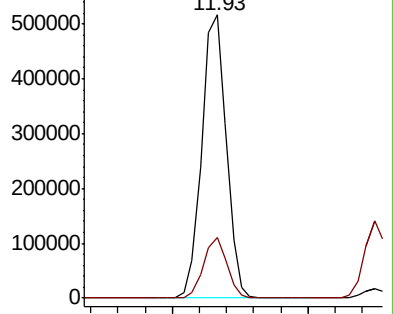
105 100

134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.243 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

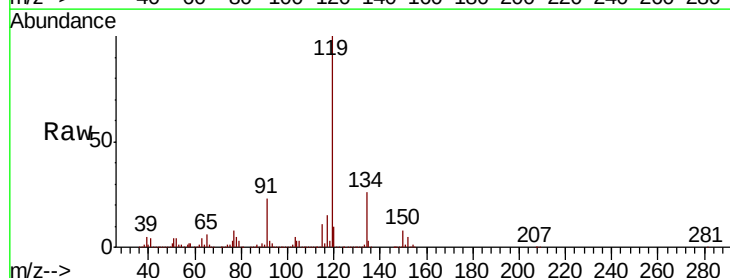
Tgt Ion:119 Resp: 610242

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

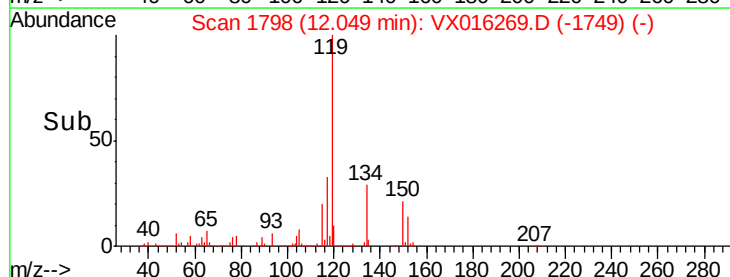
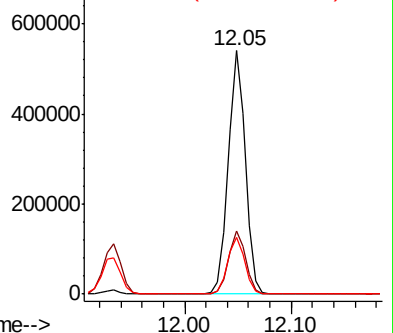
91 23.5 11.8 35.4

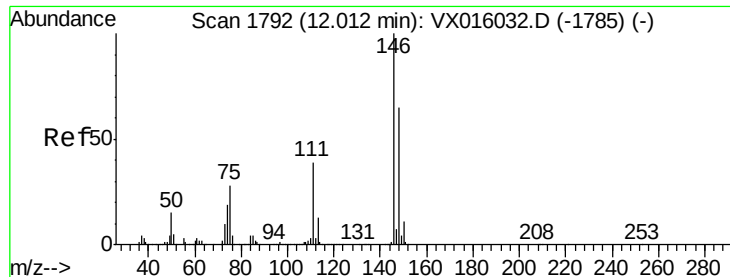


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

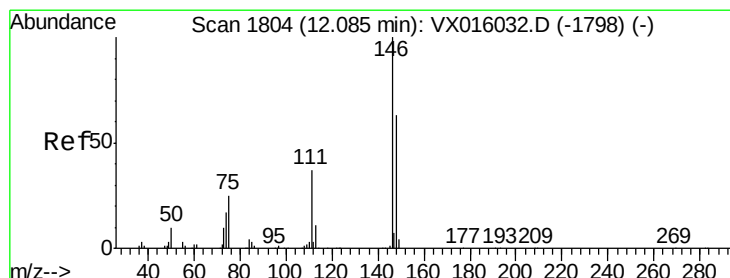
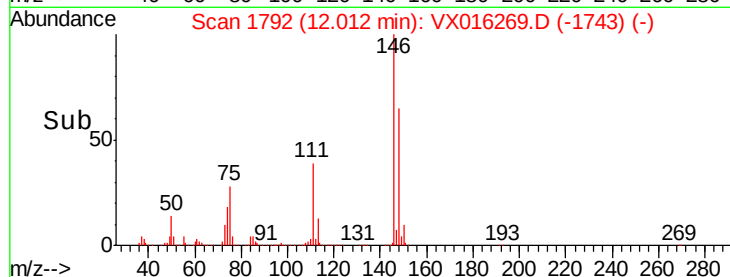
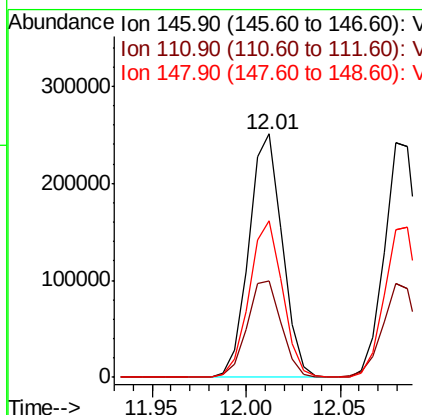
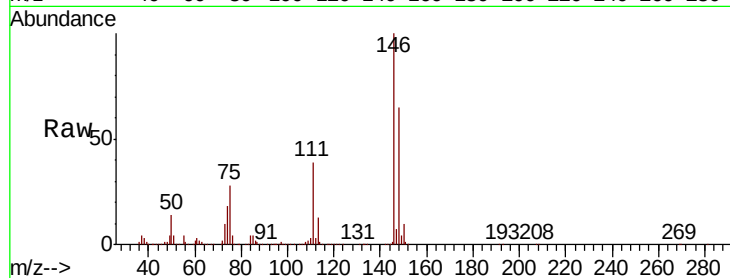




#87
 1,3-Dichlorobenzene
 Concen: 46.943 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

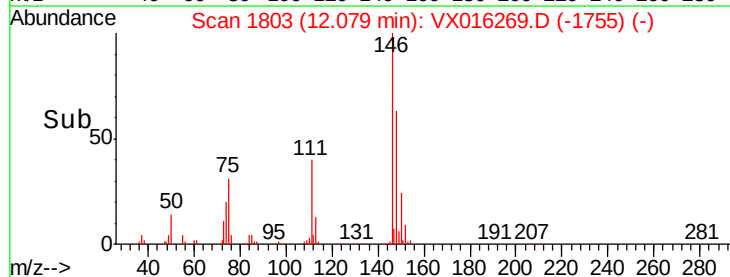
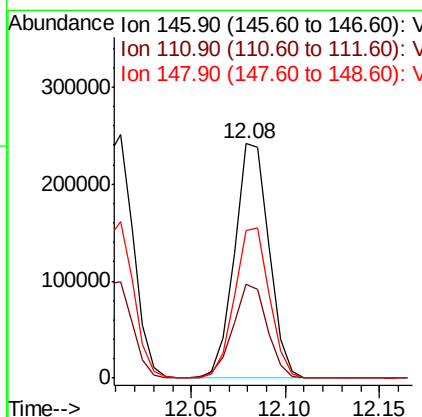
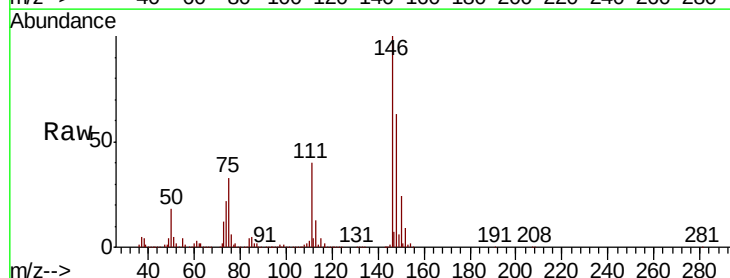
Instrument :
 MSVOA_X
 ClientSampleId :

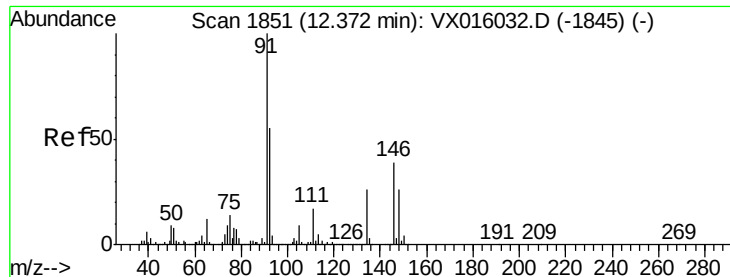
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.6
148	64.0	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.089 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.7
148	64.8	31.8	95.3





#89

n-Butylbenzene

Concen: 44.762 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

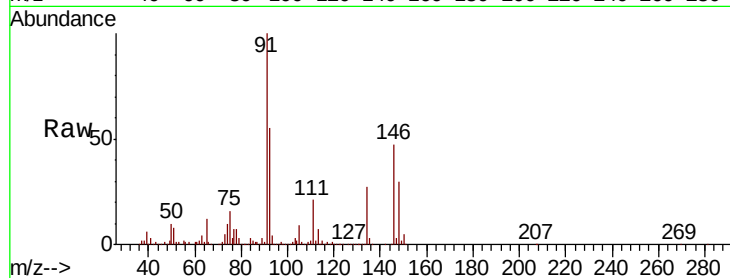
Tot Ion: 91 Resp: 528211

Ion Ratio Lower Upper

91 100

92 55.0 27.6 82.7

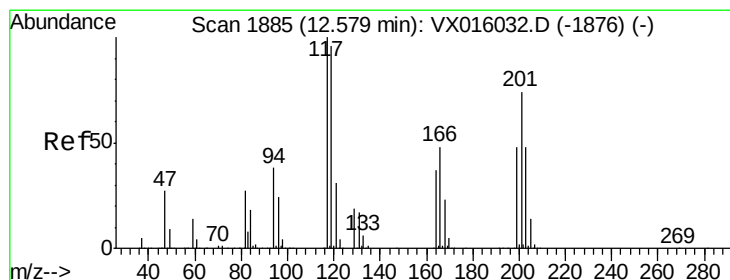
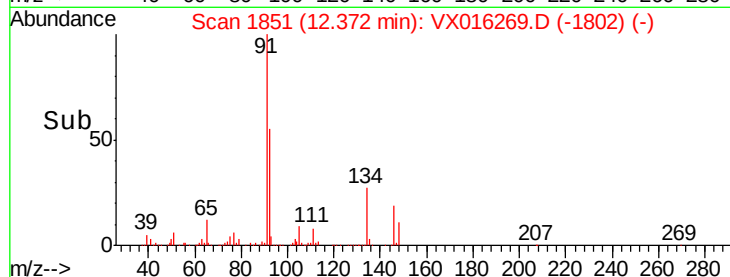
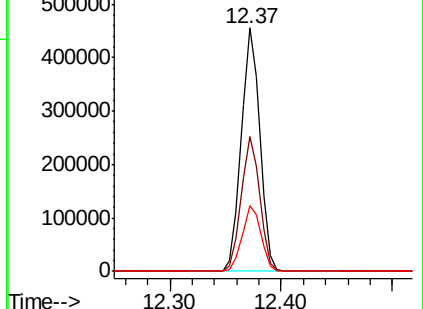
134 27.1 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016269.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX016269.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016269.D (-1845) (-)



#90

Hexachloroethane

Concen: 47.319 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016269.D

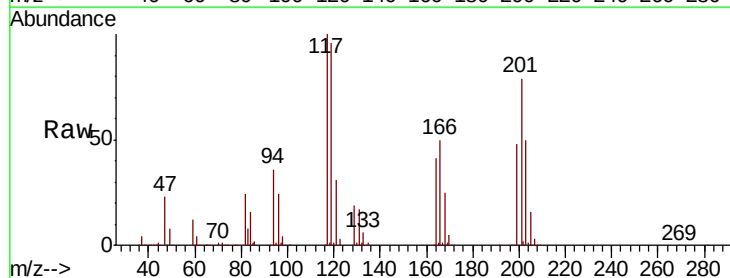
Acq: 15 May 2020 10:34

Tgt Ion: 117 Resp: 104972

Ion Ratio Lower Upper

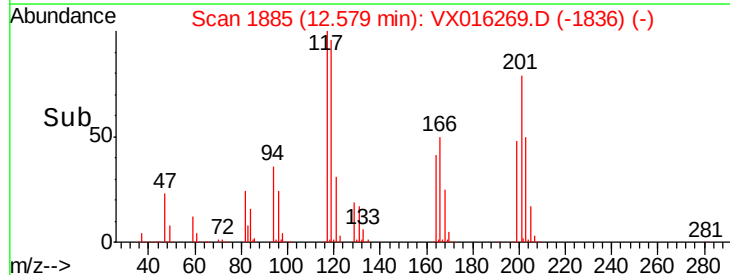
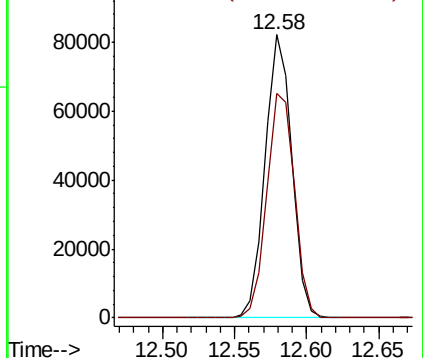
117 100

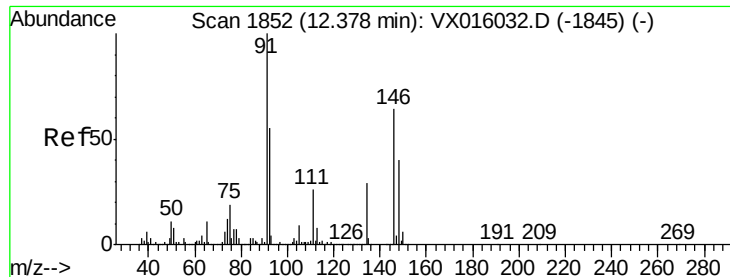
201 82.8 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016269.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016269.D (-1876) (-)





#91

1,2-Dichlorobenzene

Concen: 47.795 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

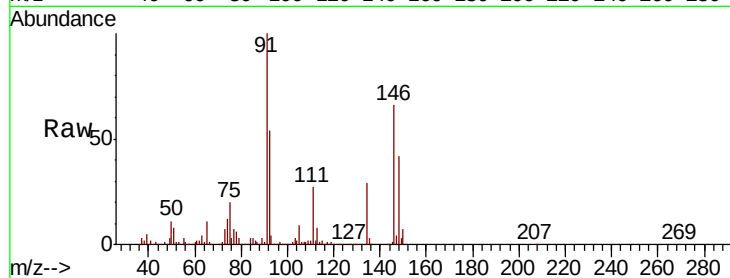
Tot Ion:146 Resp: 302043

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.1

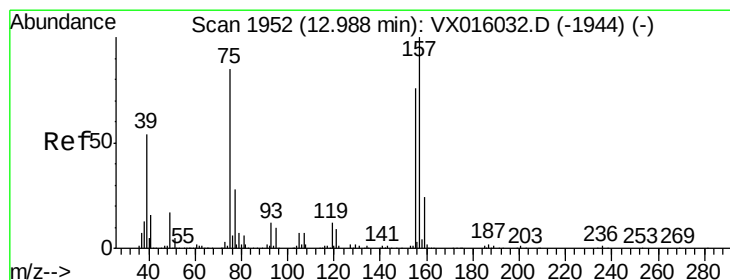
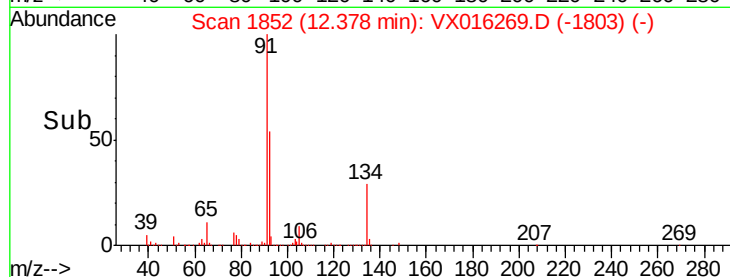
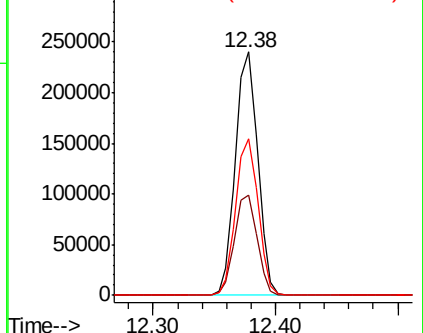
148 64.6 32.4 97.0



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: 47.346 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

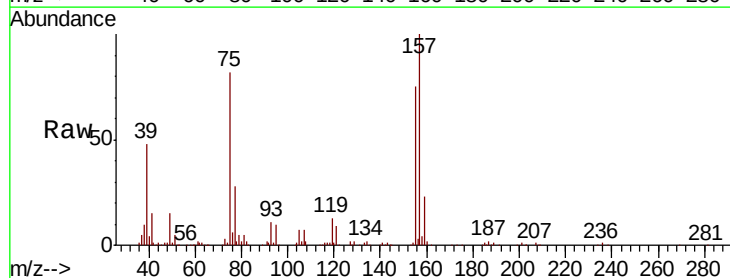
Tgt Ion: 75 Resp: 55130

Ion Ratio Lower Upper

75 100

155 88.1 42.5 127.5

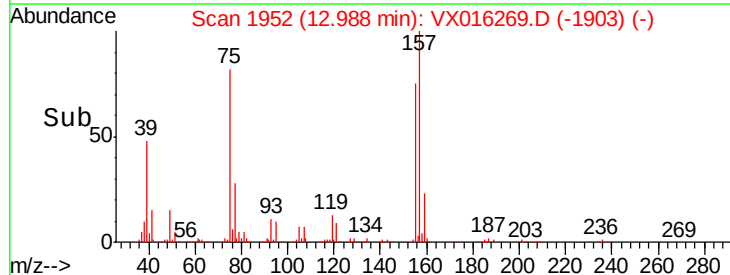
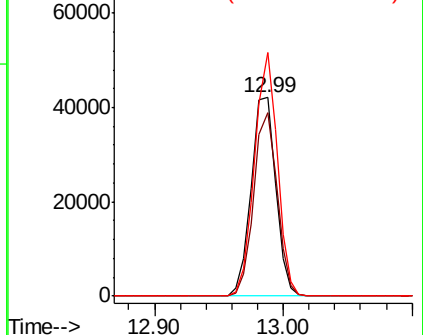
157 113.7 55.3 165.8

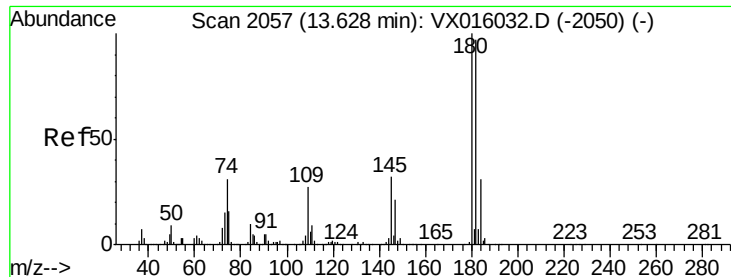


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

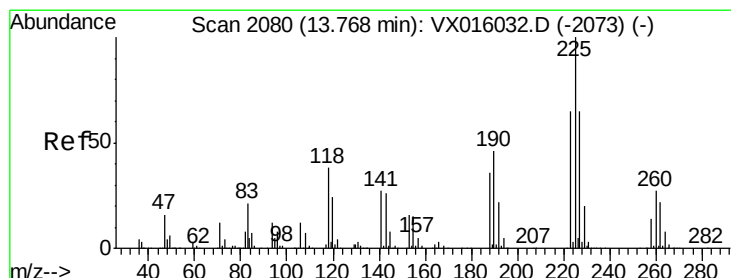
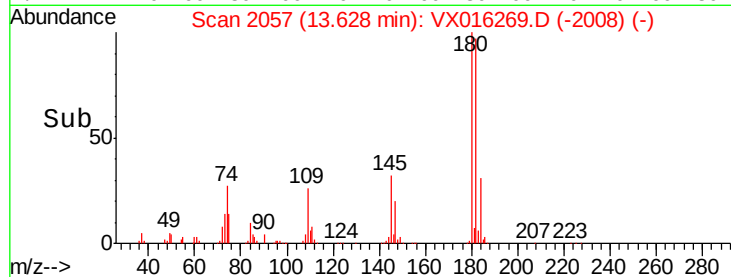
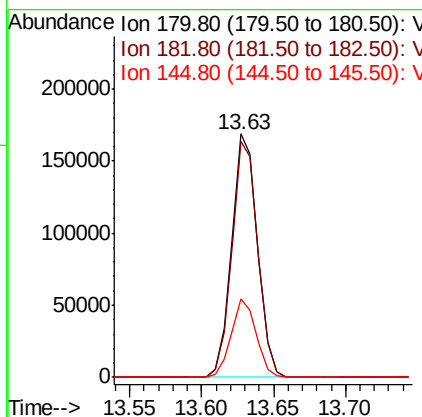
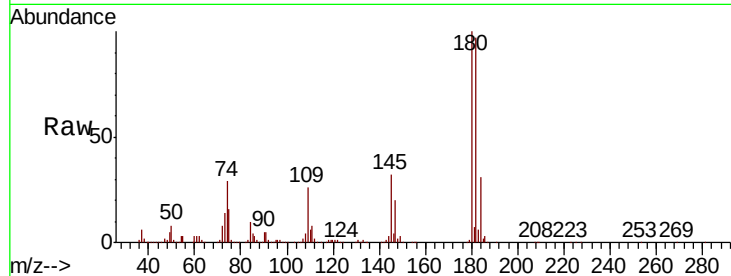




#93
 1,2,4-Trichlorobenzene
 Concen: 45.181 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

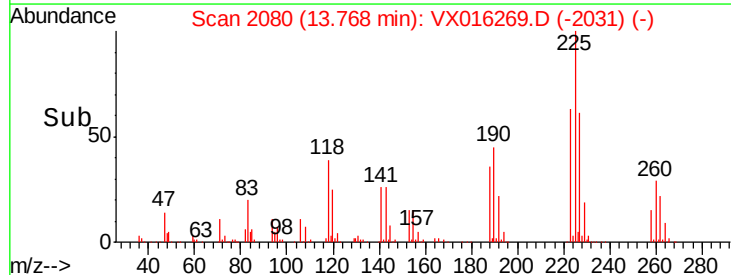
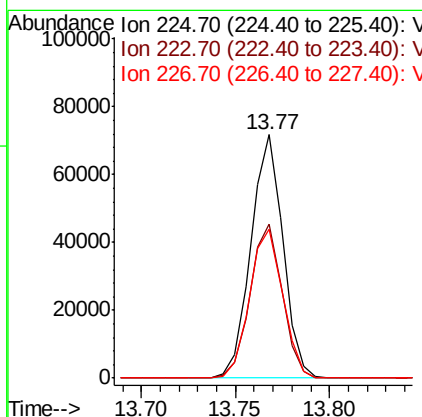
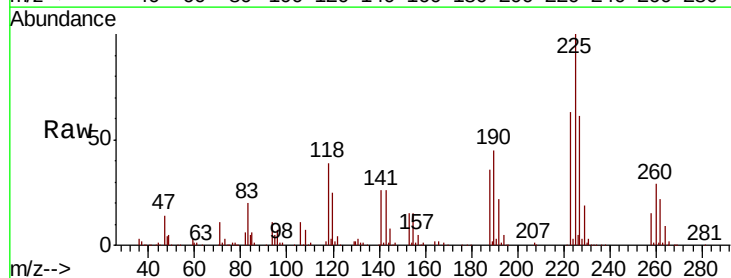
Instrument :
 MSVOA_X
 ClientSampled :

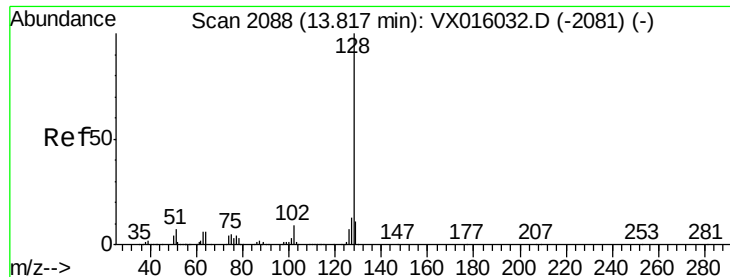
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.7	146.1
145	31.3	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 41.926 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016269.D
 Acq: 15 May 2020 10:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.3	96.9
227	63.4	31.8	95.4





#95

Naphthalene

Concen: 48.693 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

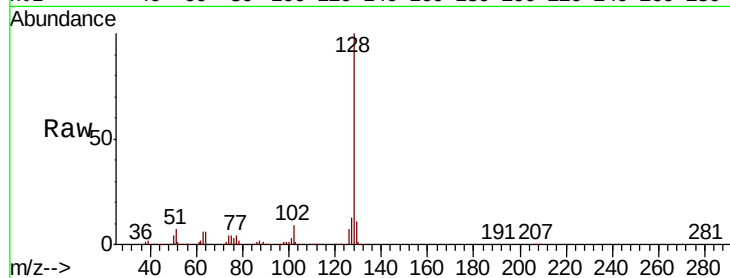
Tot Ion:128 Resp: 737692

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.7 13.1

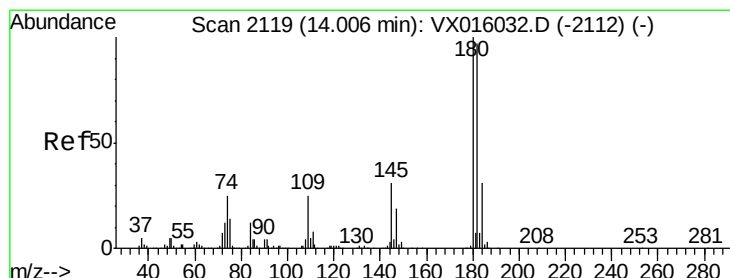
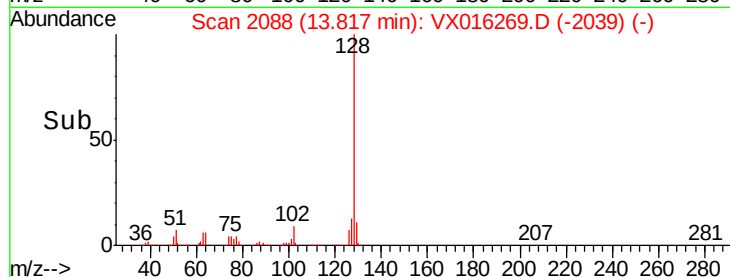
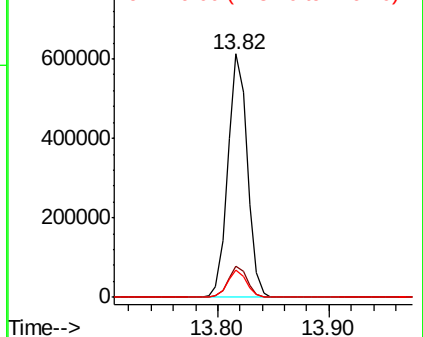


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.879 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016269.D

Acq: 15 May 2020 10:34

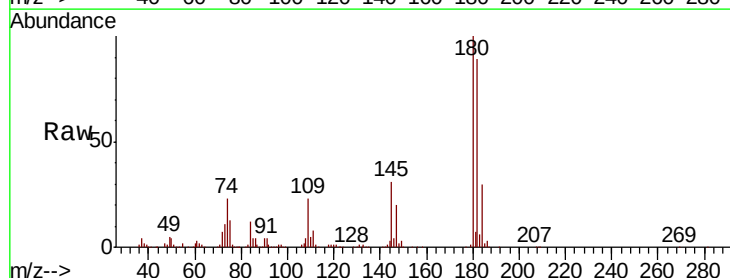
Tgt Ion:180 Resp: 214358

Ion Ratio Lower Upper

180 100

182 92.8 48.4 145.0

145 32.4 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

