

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018042.D
 Acq On : 20 Aug 2020 19:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 21 02:38:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	564651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	913366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	886353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	423795	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	42021	5.57	ug/l	0.00
Spiked Amount			Recovery	=	11.14%	
35) Dibromofluoromethane	5.46	113	33219	5.62	ug/l	0.00
Spiked Amount			Recovery	=	11.24%	
50) Toluene-d8	8.70	98	124041	5.49	ug/l	0.00
Spiked Amount			Recovery	=	10.98%	
62) 4-Bromofluorobenzene	11.12	95	47421	5.48	ug/l	0.00
Spiked Amount			Recovery	=	10.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	31998	5.184	ug/l	98
3) Chloromethane	1.31	50	36425	5.213	ug/l	92
4) Vinyl Chloride	1.39	62	35641	4.811	ug/l	98
5) Bromomethane	1.62	94	15890	4.269	ug/l	97
6) Chloroethane	1.71	64	19968	4.534	ug/l	93
7) Trichlorofluoromethane	1.91	101	53597	5.491	ug/l	100
8) Diethyl Ether	2.17	74	17260	4.332	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28764	5.176	ug/l	95
10) Methyl Iodide	2.50	142	15139	2.153	ug/l #	96
11) Tert butyl alcohol	3.03	59	40582	22.497	ug/l	99
12) 1,1-Dichloroethene	2.36	96	29105	5.012	ug/l	99
13) Acrolein	2.28	56	15593	14.570	ug/l	90
14) Allyl chloride	2.71	41	51308	4.809	ug/l	95
15) Acrylonitrile	3.12	53	88532	23.134	ug/l	99
16) Acetone	2.42	43	76510	23.516	ug/l	100
17) Carbon Disulfide	2.54	76	84121	4.276	ug/l	98
18) Methyl Acetate	2.75	43	40423	5.029	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	97330	4.859	ug/l	93
20) Methylene Chloride	2.83	84	37276	5.467	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	31723	4.886	ug/l	94
22) Diisopropyl ether	3.83	45	102790	5.074	ug/l	95
23) Vinyl Acetate	3.79	43	444620	24.912	ug/l	100
24) 1,1-Dichloroethane	3.67	63	59479	5.241	ug/l	94
25) 2-Butanone	4.65	43	130138	24.699	ug/l	99
26) 2,2-Dichloropropane	4.55	77	47356	4.655	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	36231	5.096	ug/l	99
28) Bromochloromethane	4.98	49	27249	5.221	ug/l	99
29) Tetrahydrofuran	5.10	42	80934	23.207	ug/l	97
30) Chloroform	5.18	83	59731	5.265	ug/l	99
31) Cyclohexane	5.54	56	47239	4.666	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	53669	5.198	ug/l	97
36) 1,1-Dichloropropene	5.78	75	43394	4.842	ug/l	96
37) Ethyl Acetate	4.80	43	52064	5.060	ug/l	97
38) Carbon Tetrachloride	5.75	117	49101	5.317	ug/l	98

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 21 02:38:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	45430	4.280	ug/l	93
40) Benzene	6.11	78	129415	4.957	ug/l	93
41) Methacrylonitrile	5.01	41	25727	4.623	ug/l	96
42) 1,2-Dichloroethane	6.17	62	50194	5.283	ug/l	97
43) Isopropyl Acetate	6.42	43	79758	4.826	ug/l	99
44) Trichloroethene	7.20	130	36916	4.091	ug/l	91
45) 1,2-Dichloropropane	7.49	63	36073	5.406	ug/l	99
46) Dibromomethane	7.64	93	23438	5.147	ug/l	97
47) Bromodichloromethane	7.88	83	50603	5.470	ug/l	99
48) Methyl methacrylate	7.75	41	38989	4.946	ug/l	97
49) 1,4-Dioxane	7.71	88	15075	82.410	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	251950	24.907	ug/l	99
52) Toluene	8.77	92	82822	5.078	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	51236	4.683	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	56209	4.921	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	37097	5.717	ug/l	98
56) Ethyl methacrylate	9.16	69	48394	4.634	ug/l	97
57) 1,3-Dichloropropane	9.35	76	59819	5.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	126123	23.291	ug/l	100
59) 2-Hexanone	9.48	43	191018	24.076	ug/l	98
60) Dibromochloromethane	9.57	129	39292	5.443	ug/l	99
61) 1,2-Dibromoethane	9.65	107	38517	5.488	ug/l	98
64) Tetrachloroethene	9.32	164	36321	3.561	ug/l	96
65) Chlorobenzene	10.12	112	92582	5.010	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	35990	5.220	ug/l	96
67) Ethyl Benzene	10.24	91	155811	4.754	ug/l	98
68) m/p-Xylenes	10.34	106	115824	9.428	ug/l	99
69) o-Xylene	10.68	106	53952	4.577	ug/l	99
70) Styrene	10.70	104	90201	4.497	ug/l	98
71) Bromoform	10.84	173	29577	5.242	ug/l	95
73) Isopropylbenzene	11.00	105	145360	4.760	ug/l	98
74) N-amyl acetate	10.88	43	66079	4.610	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	53875	8.938	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	63171	6.613	ug/l	83
77) Bromobenzene	11.24	156	41784	5.263	ug/l	98
78) n-propylbenzene	11.35	91	162188	4.576	ug/l	98
79) 2-Chlorotoluene	11.40	91	101923	4.832	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	117447	4.553	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	16882	4.307	ug/l	92
82) 4-Chlorotoluene	11.49	91	122960	4.943	ug/l	99
83) tert-Butylbenzene	11.76	119	113718	5.016	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	120530	4.618	ug/l	100
85) sec-Butylbenzene	11.93	105	131274	4.403	ug/l	100
86) p-Isopropyltoluene	12.05	119	117339	4.239	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	71868	5.060	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	70718	4.912	ug/l	93
89) n-Butylbenzene	12.37	91	109862	4.353	ug/l	99
90) Hexachloroethane	12.58	117	24058	4.992	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	65491	4.777	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	13297	5.273	ug/l	88

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 21 02:38:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 02:36:33 2020
Response via : Initial Calibration

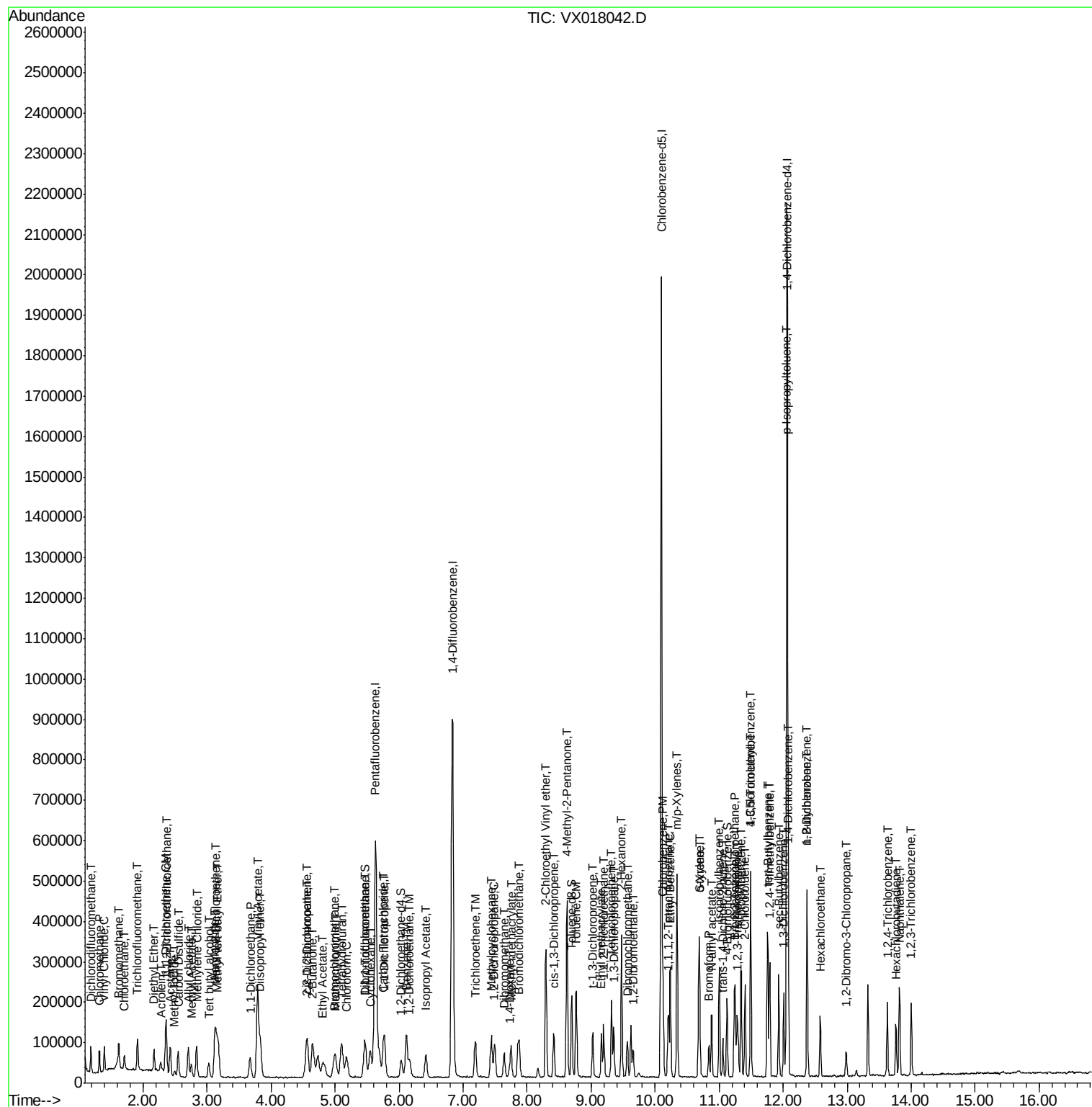
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	43580	4.351	ug/l	94
94) Hexachlorobutadiene	13.76	225	16448	3.633	ug/l	98
95) Naphthalene	13.82	128	136473	4.206	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	42613	4.380	ug/l	96

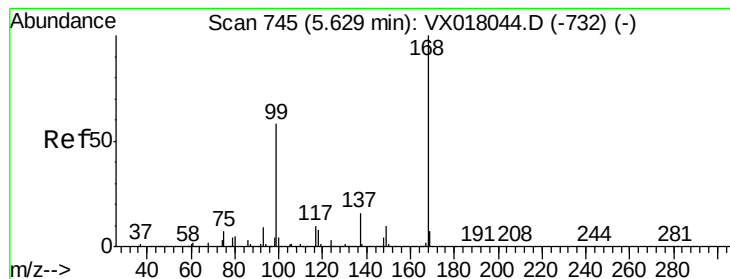
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082120\
Data File : VX018042.D
Acq On : 20 Aug 2020 19:22
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Aug 21 02:38:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 02:36:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

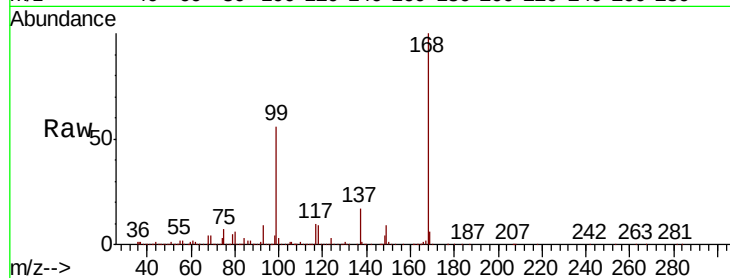
VSTDIC005

Tot Ion:168 Resp: 564651

Ion Ratio Lower Upper

168 100

99 56.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

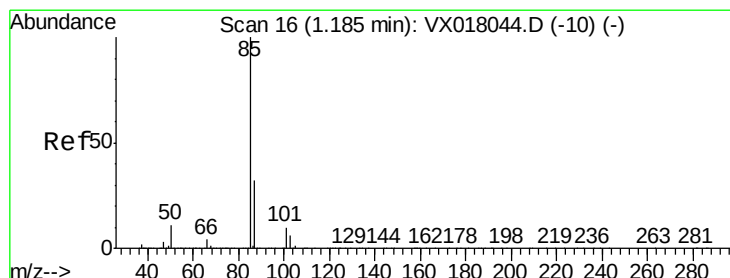
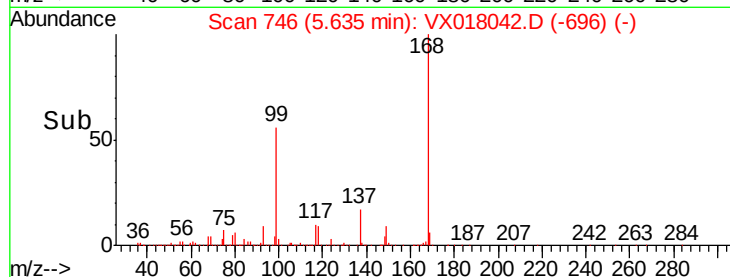
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.184 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018042.D

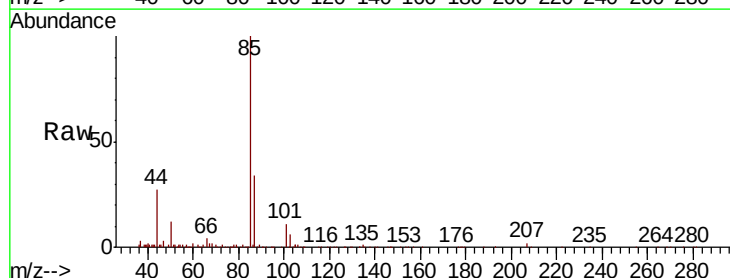
Acq: 20 Aug 2020 19:22

Tgt Ion: 85 Resp: 31998

Ion Ratio Lower Upper

85 100

87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

40000

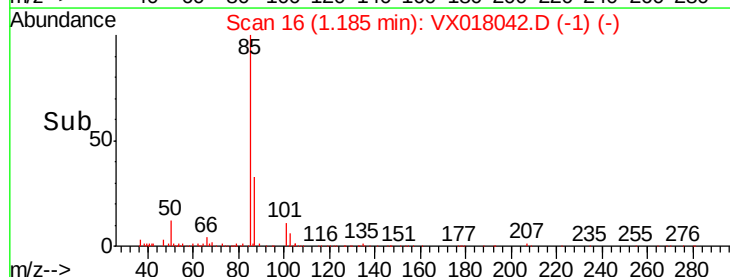
30000

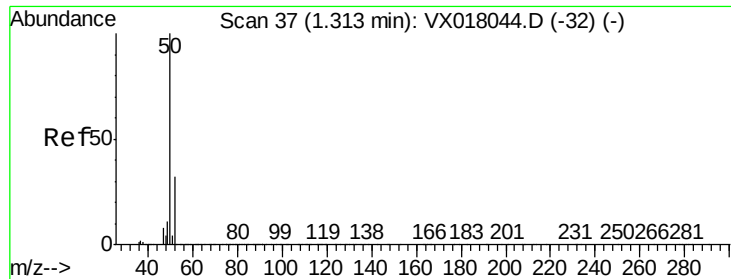
20000

10000

0

Time-->

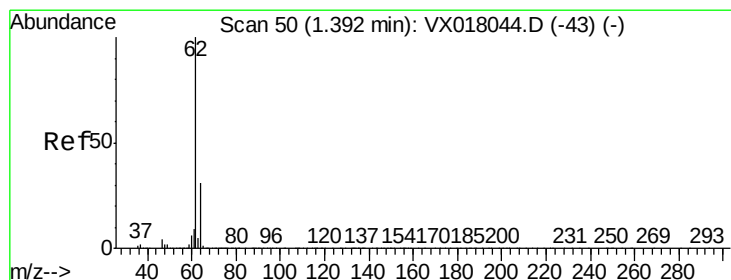
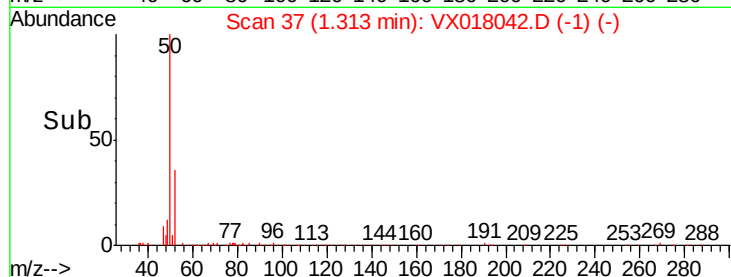
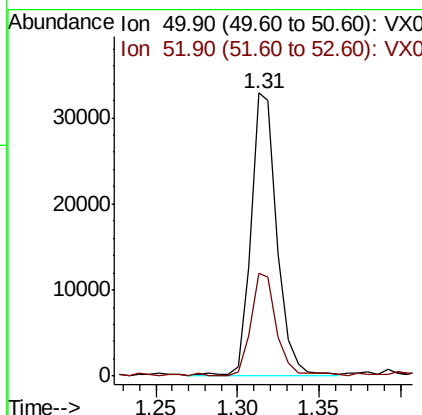
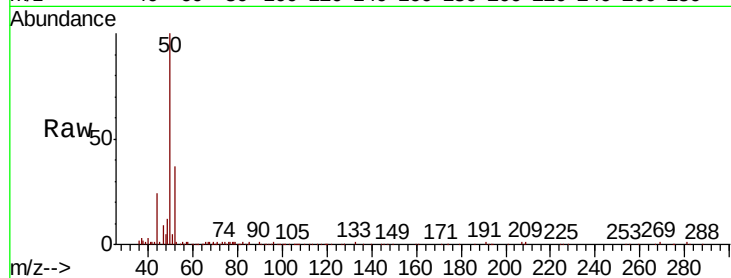




#3
Chloromethane
Concen: 5.213 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

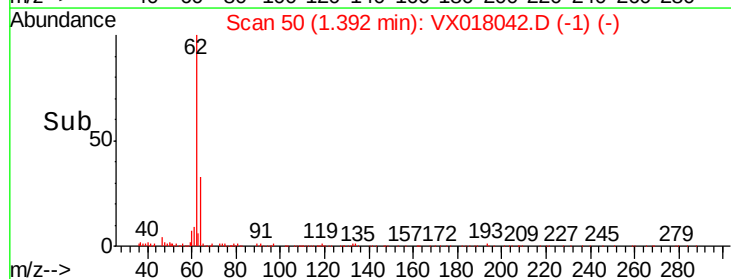
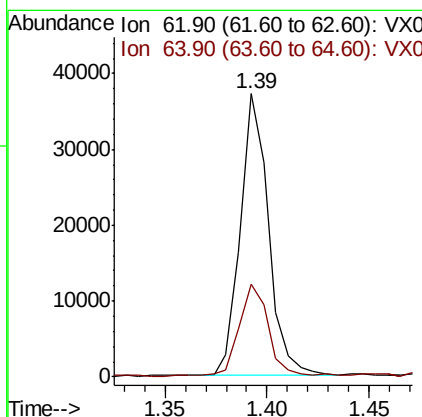
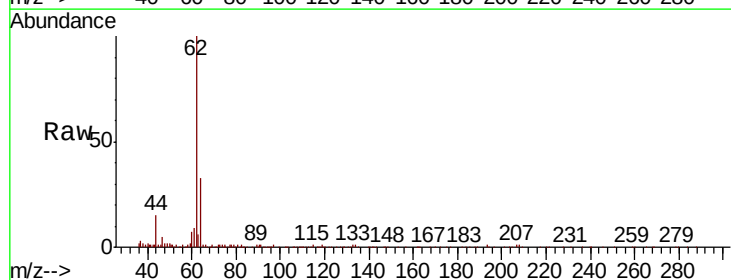
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

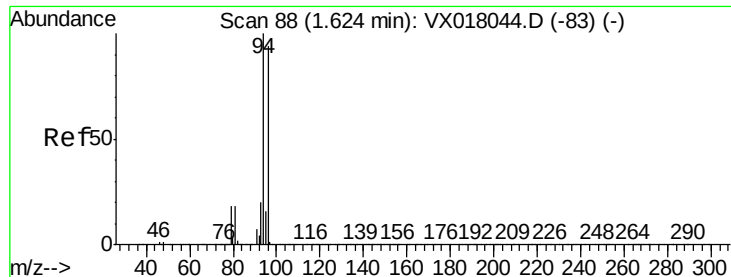
Tot Ion: 50 Resp: 36425
Ion Ratio Lower Upper
50 100
52 36.2 25.4 38.2



#4
Vinyl Chloride
Concen: 4.811 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion: 62 Resp: 35641
Ion Ratio Lower Upper
62 100
64 32.6 25.1 37.7





#5

Bromomethane

Concen: 4.269 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

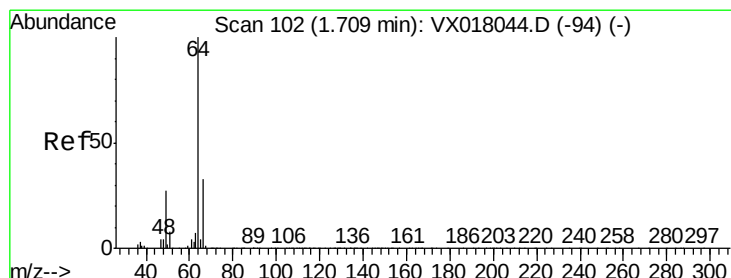
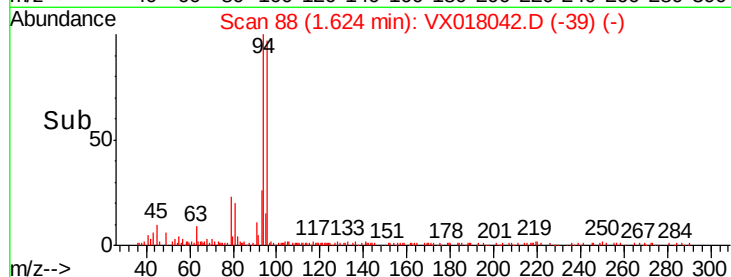
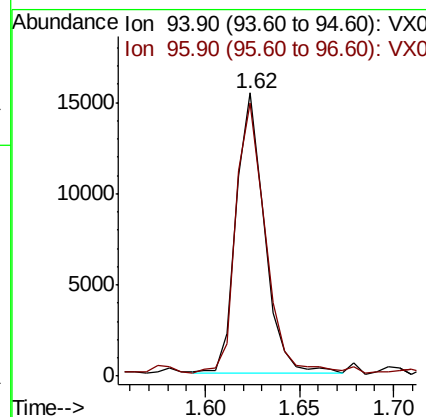
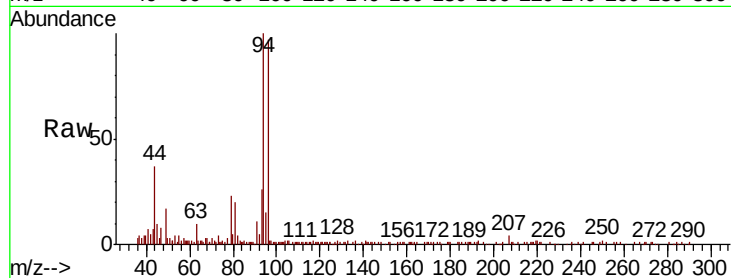
VSTDIC005

Tot Ion: 94 Resp: 15890

Ion Ratio Lower Upper

94 100

96 96.7 74.8 112.2



#6

Chloroethane

Concen: 4.534 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018042.D

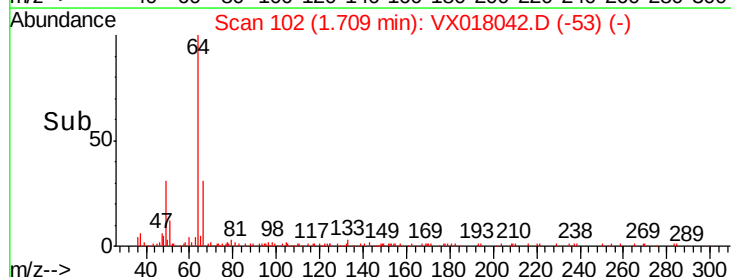
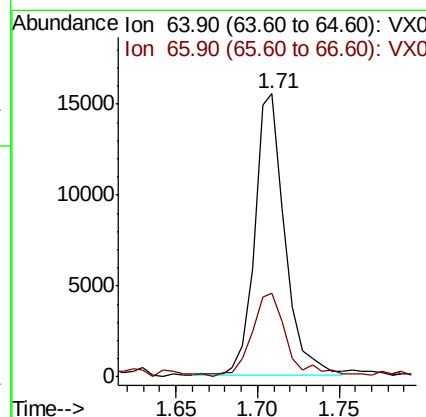
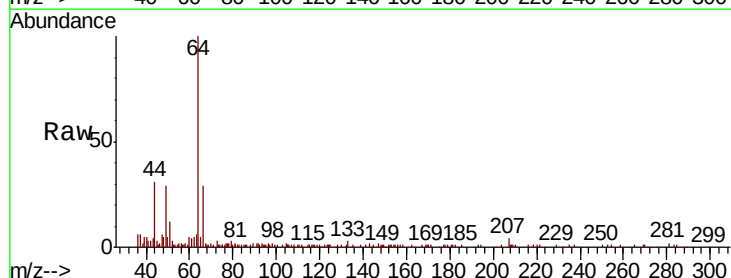
Acq: 20 Aug 2020 19:22

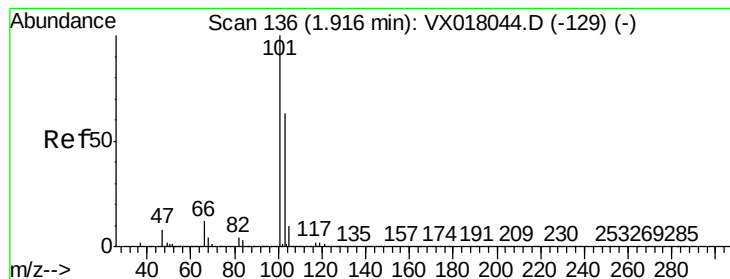
Tgt Ion: 64 Resp: 19968

Ion Ratio Lower Upper

64 100

66 29.1 26.6 39.8





#7

Trichlorofluoromethane

Concen: 5.491 ug/l

RT: 1.91 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

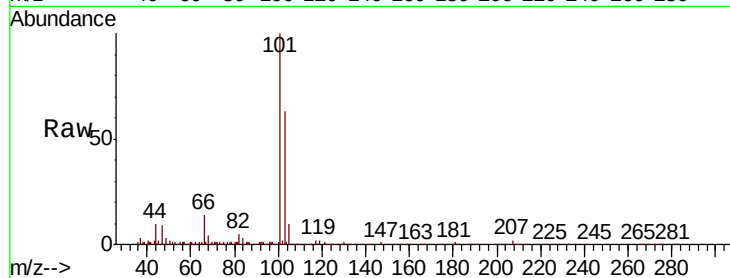
VSTDIC005

Tot Ion:101 Resp: 53597

Ion Ratio Lower Upper

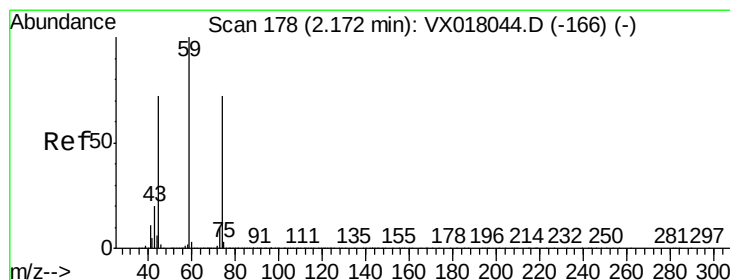
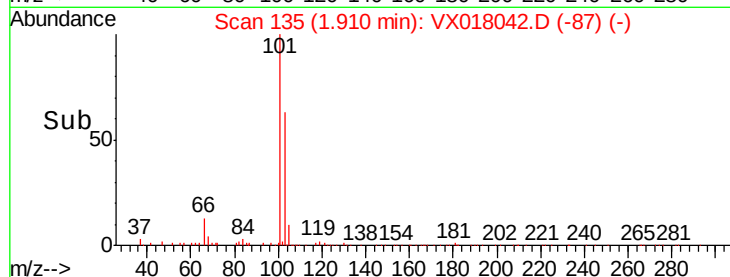
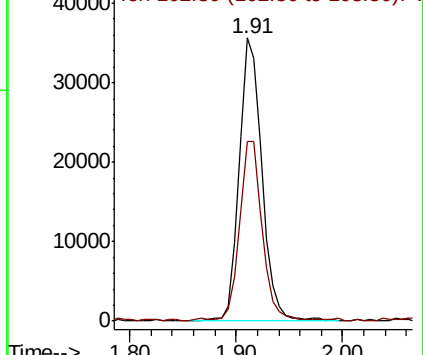
101 100

103 63.0 50.7 76.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.332 ug/l

RT: 2.17 min Scan# 178

Delta R.T. -0.00 min

Lab File: VX018042.D

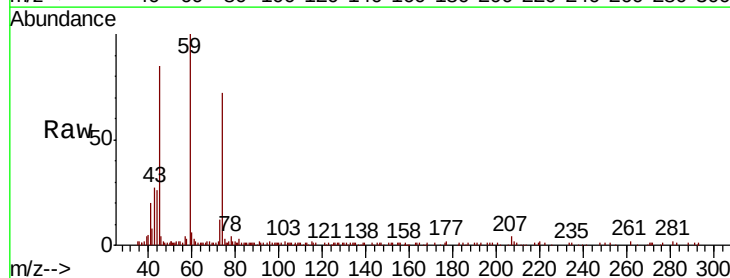
Acq: 20 Aug 2020 19:22

Tgt Ion: 74 Resp: 17260

Ion Ratio Lower Upper

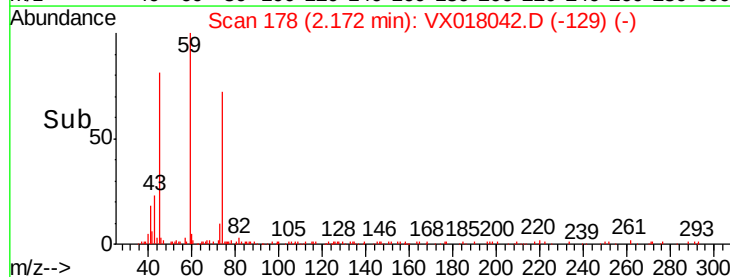
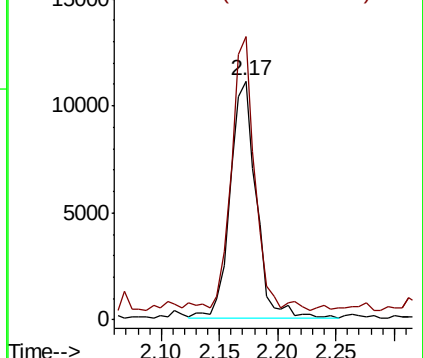
74 100

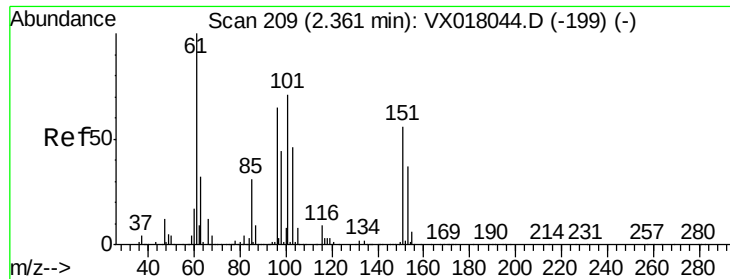
45 104.2 50.7 152.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.176 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

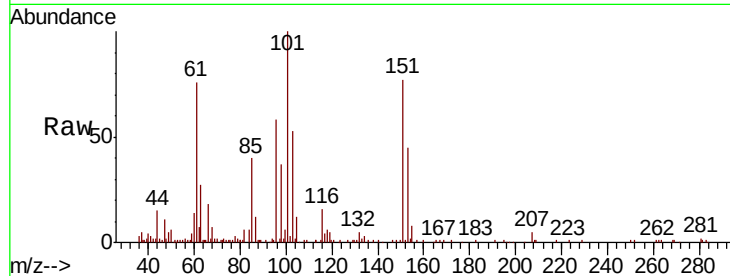
Tot Ion:101 Resp: 28764

Ion Ratio Lower Upper

101 100

85 44.5 34.0 51.0

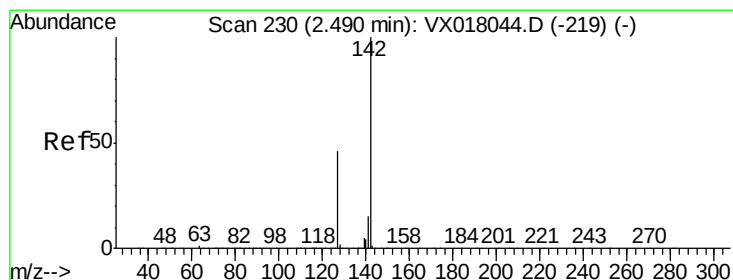
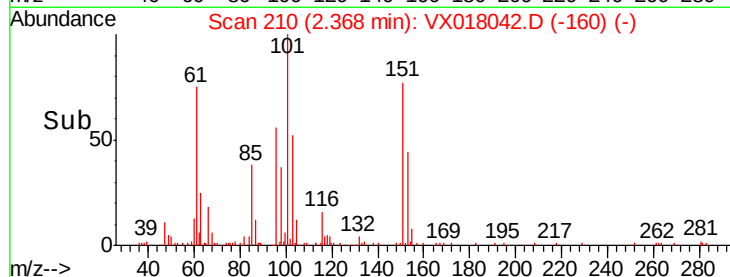
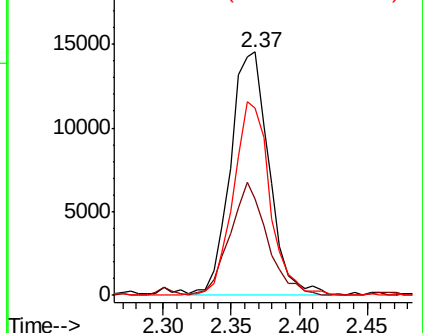
151 75.6 65.2 97.8



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: 2.153 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

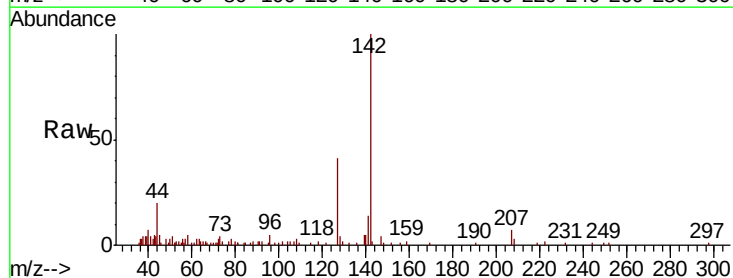
Tgt Ion:142 Resp: 15139

Ion Ratio Lower Upper

142 100

127 47.5 37.0 55.6

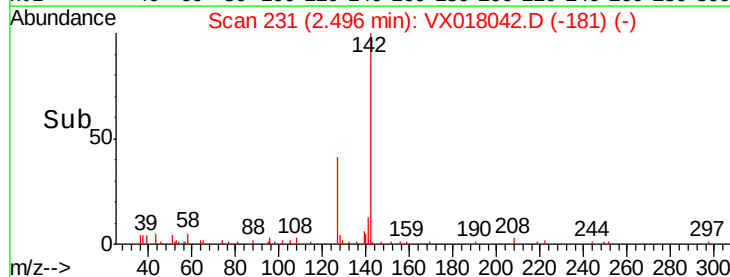
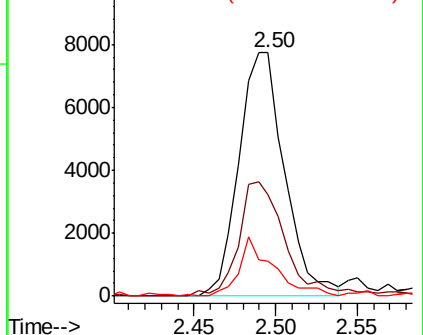
141 18.0 11.5 17.3#

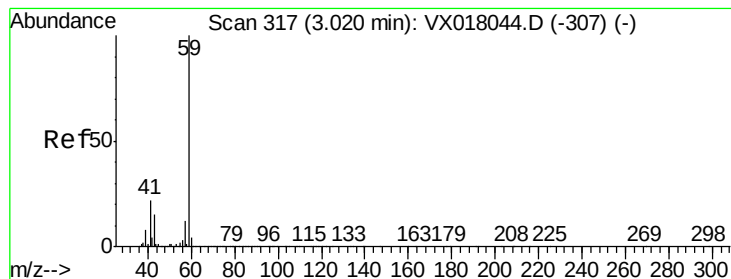


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



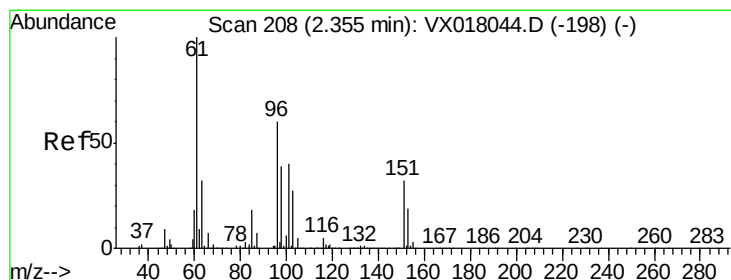
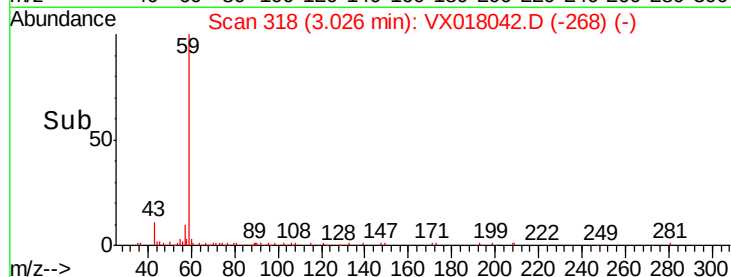
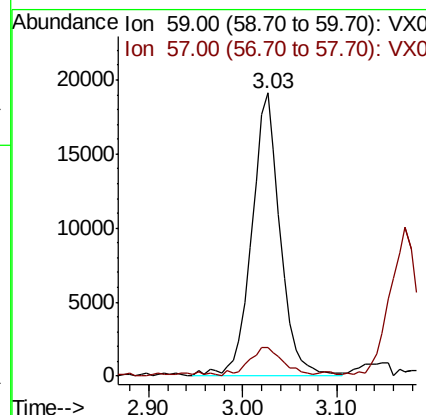
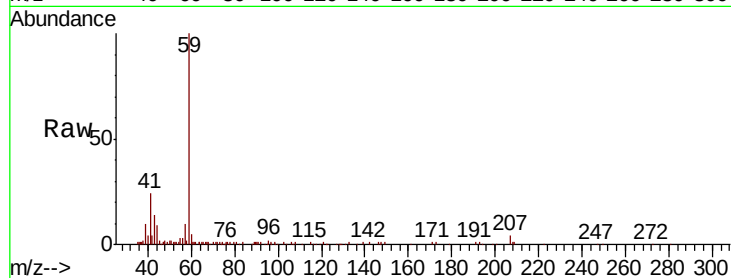


#11

Tert butyl alcohol
Concen: 22.497 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

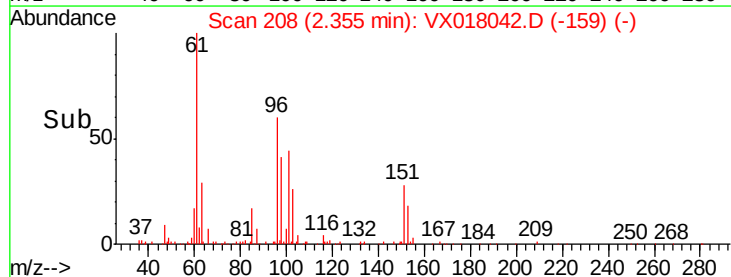
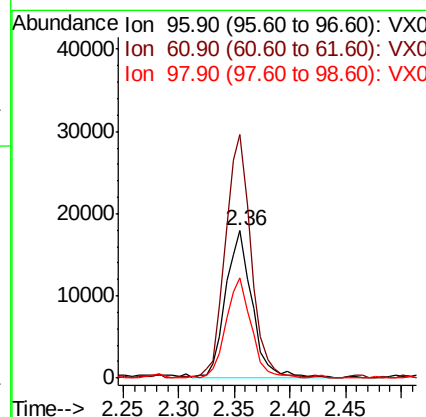
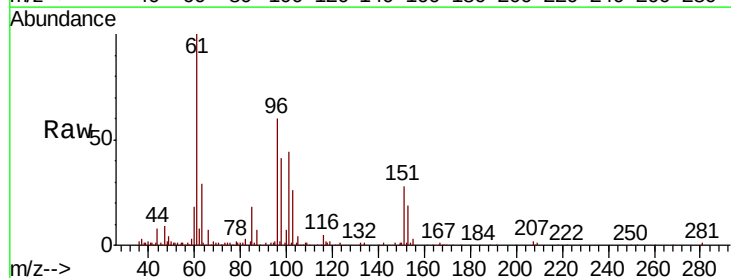
Tot Ion: 59 Resp: 40582
Ion Ratio Lower Upper
59 100
57 11.6 8.9 13.3

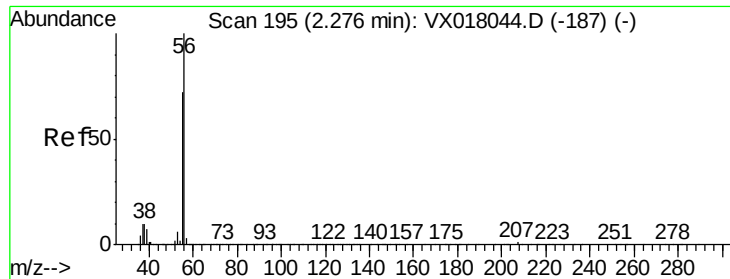


#12

1,1-Dichloroethene
Concen: 5.012 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion: 96 Resp: 29105
Ion Ratio Lower Upper
96 100
61 165.8 133.0 199.4
98 67.9 51.6 77.4





#13

Acrolein

Concen: 14.570 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

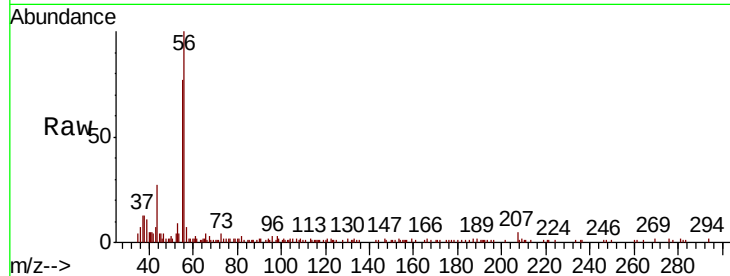
VSTDIC005

Tot Ion: 56 Resp: 15593

Ion Ratio Lower Upper

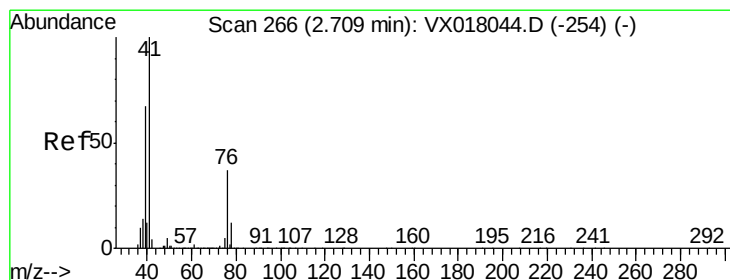
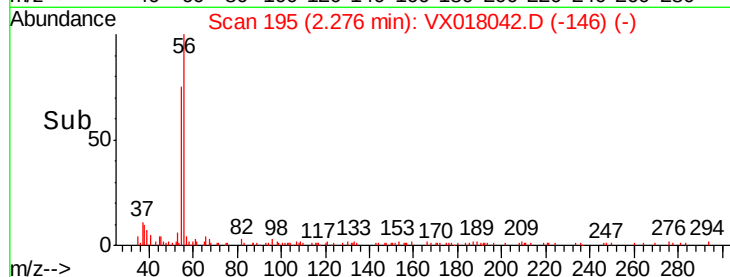
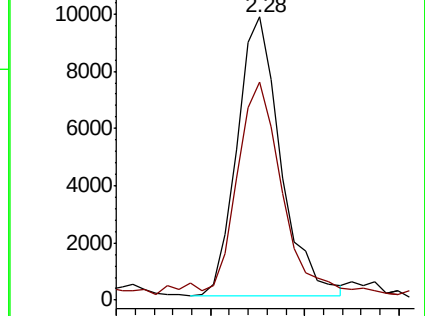
56 100

55 79.7 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 4.809 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

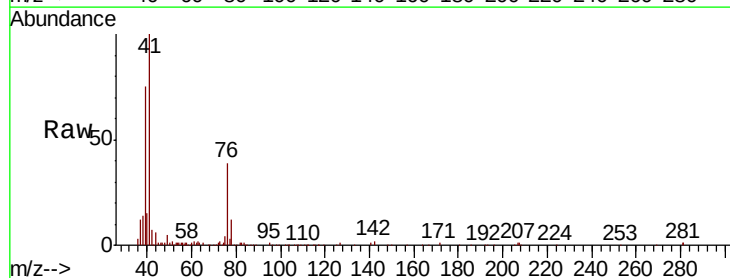
Tgt Ion: 41 Resp: 51308

Ion Ratio Lower Upper

41 100

39 67.4 50.6 76.0

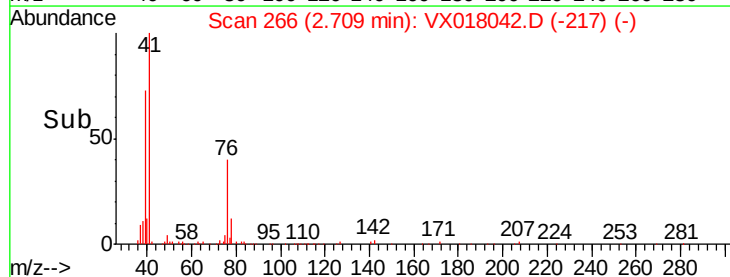
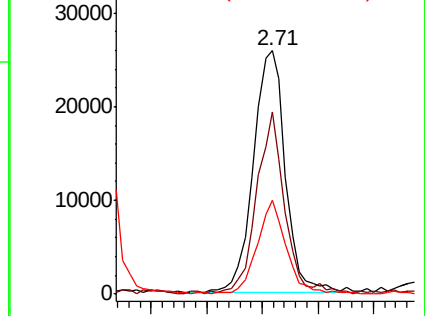
76 35.8 26.2 39.2

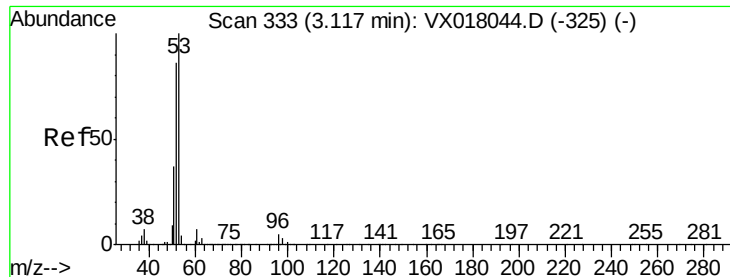


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 23.134 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

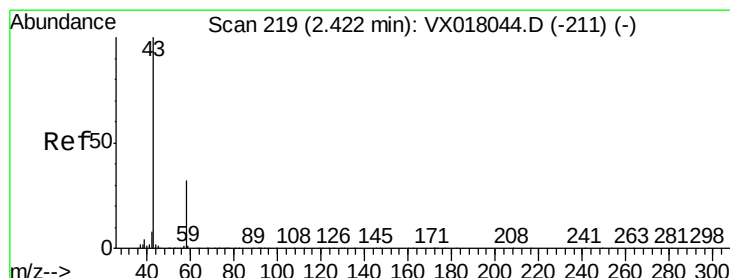
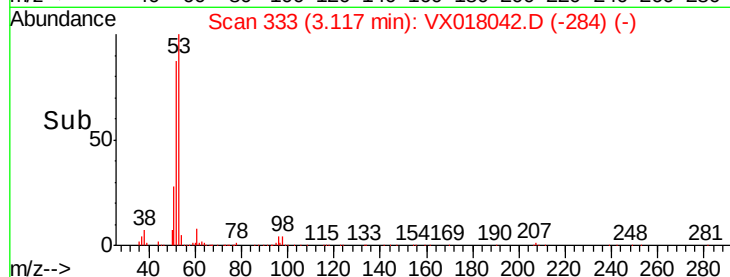
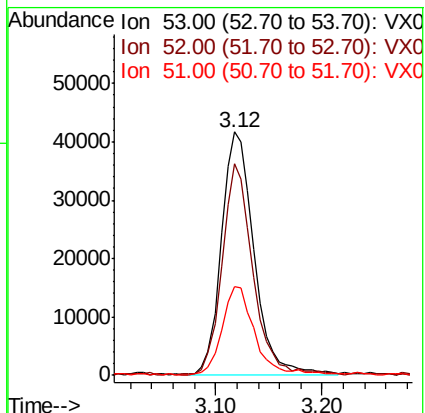
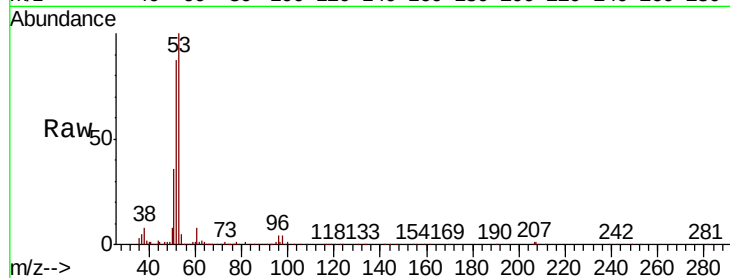
Tot Ion: 53 Resp: 88532

Ion Ratio Lower Upper

53 100

52 82.9 66.9 100.3

51 36.0 28.7 43.1



#16

Acetone

Concen: 23.516 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018042.D

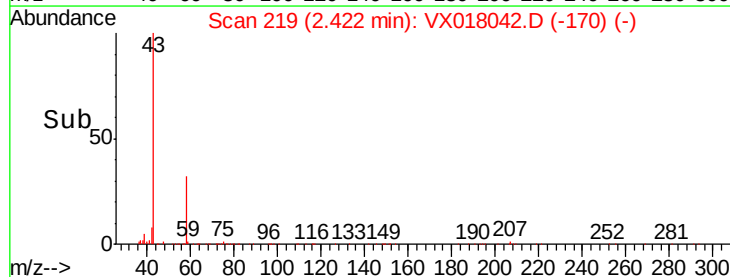
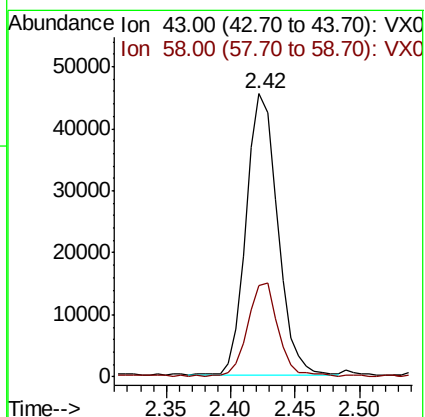
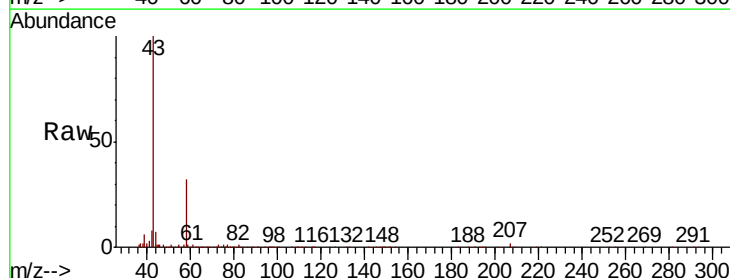
Acq: 20 Aug 2020 19:22

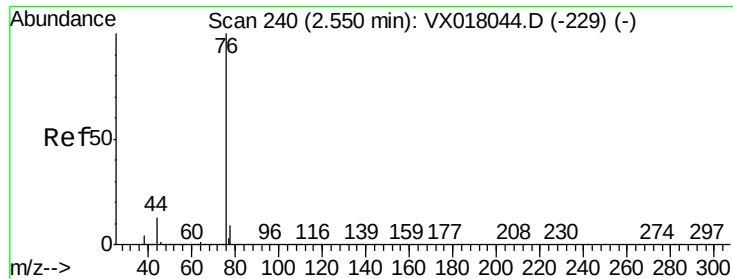
Tgt Ion: 43 Resp: 76510

Ion Ratio Lower Upper

43 100

58 32.2 25.5 38.3

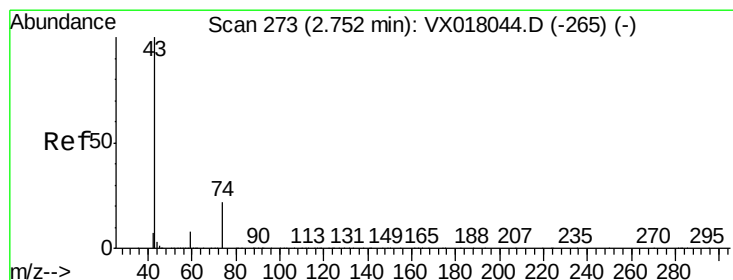
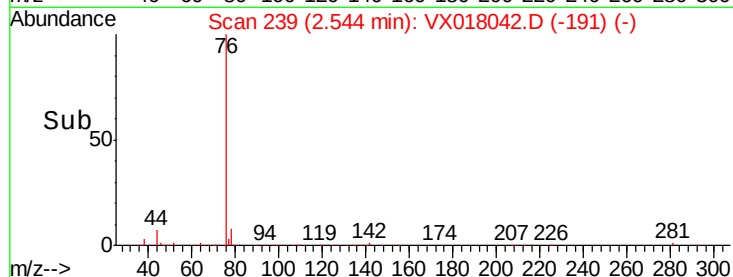
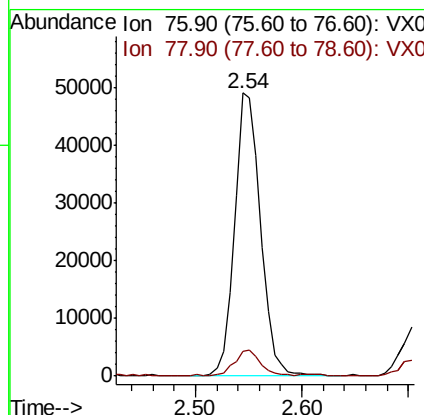
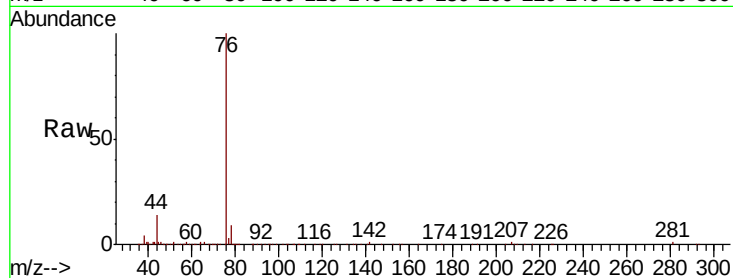




#17
Carbon Disulfide
Concen: 4.276 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

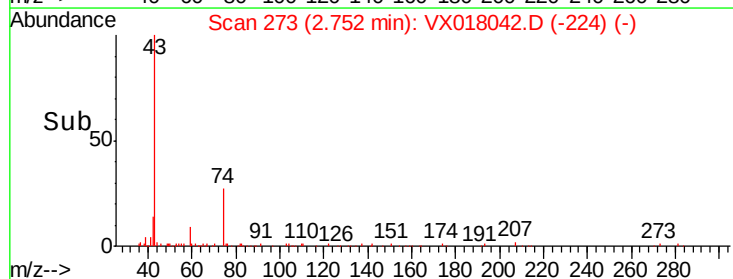
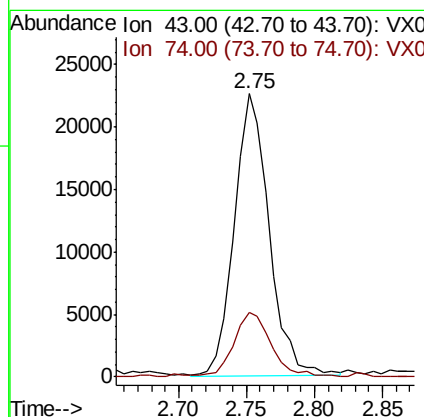
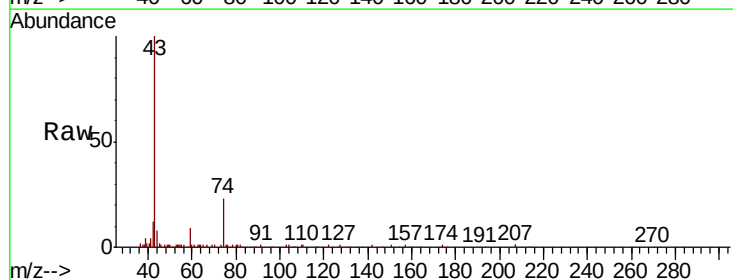
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

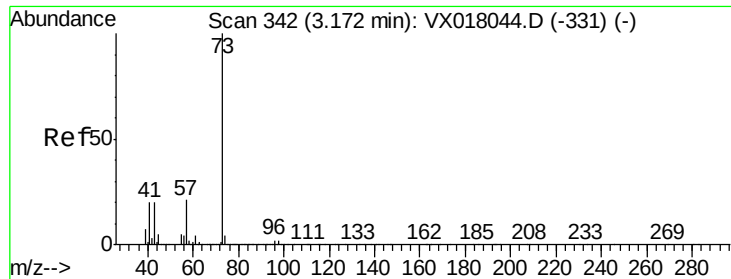
Tot Ion: 76 Resp: 84121
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 5.029 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion: 43 Resp: 40423
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 4.859 ug/l

RT: 3.17 min Scan# 342

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

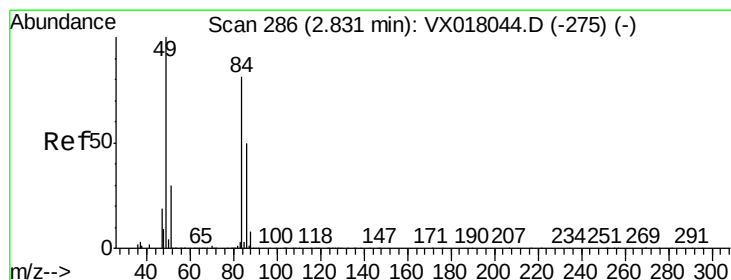
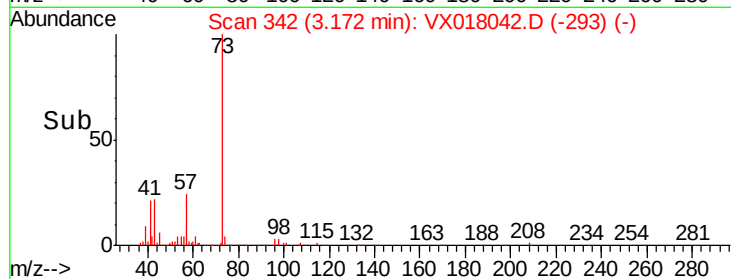
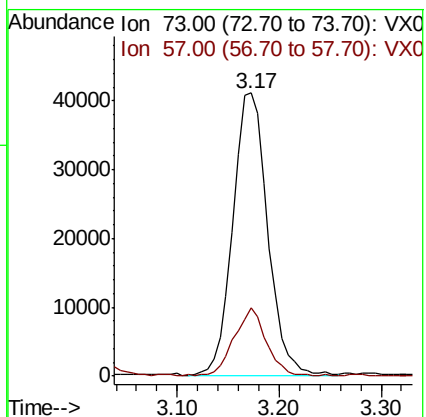
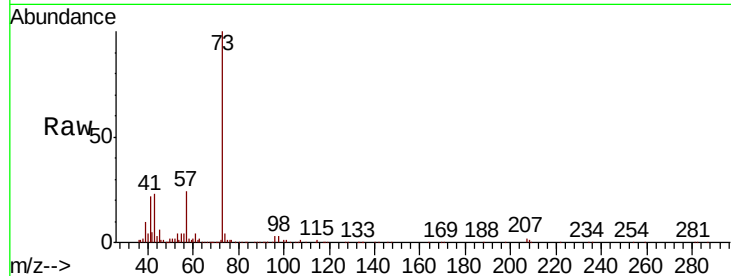
VSTDIC005

Tot Ion: 73 Resp: 97330

Ion Ratio Lower Upper

73 100

57 24.1 16.8 25.2



#20

Methylene Chloride

Concen: 5.467 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion: 84 Resp: 37276

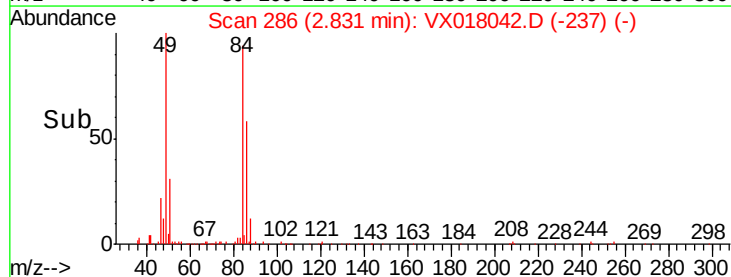
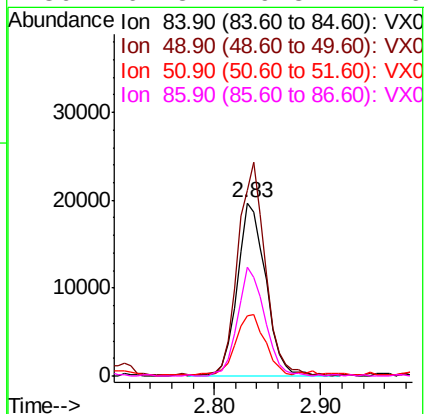
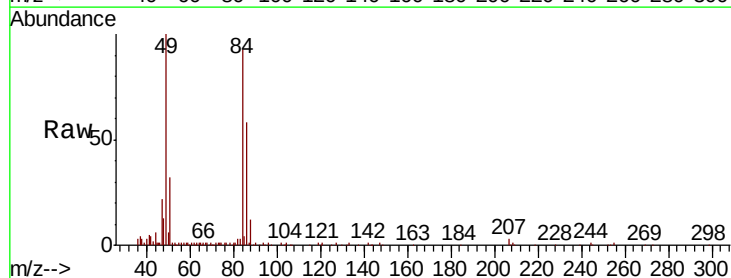
Ion Ratio Lower Upper

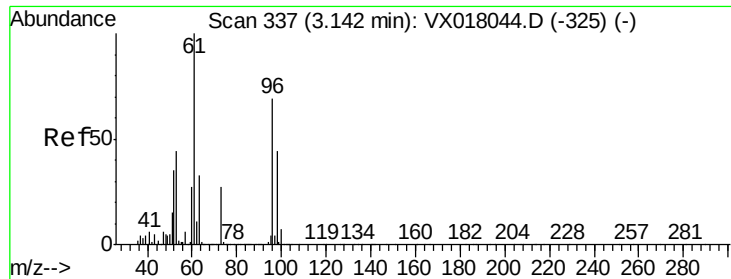
84 100

49 106.8 98.6 148.0

51 34.1 29.6 44.4

86 62.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 4.886 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

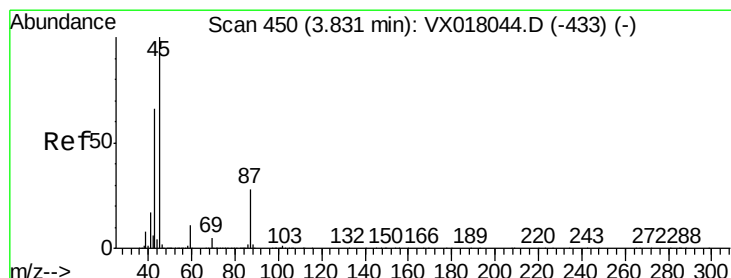
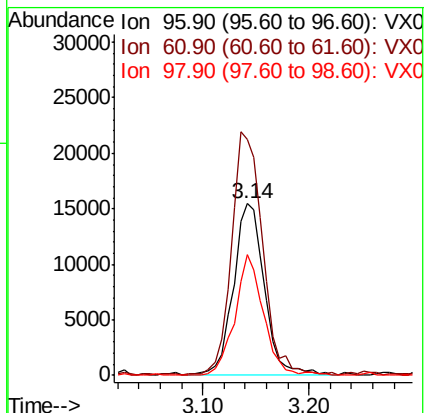
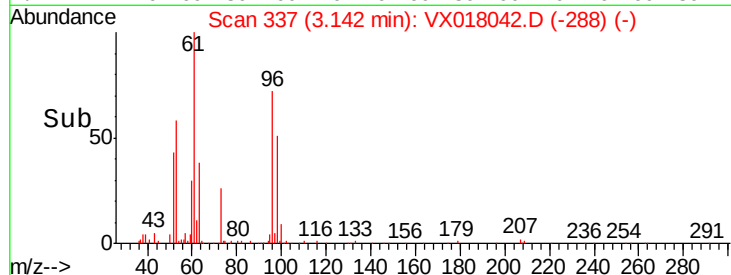
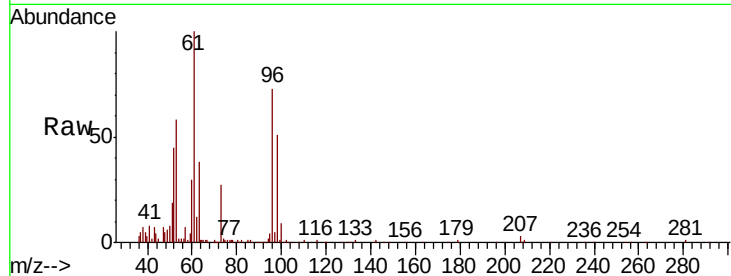
Tot Ion: 96 Resp: 31723

Ion Ratio Lower Upper

96 100

61 137.1 115.4 173.0

98 70.1 51.1 76.7



#22

Diisopropyl ether

Concen: 5.074 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion: 45 Resp: 102790

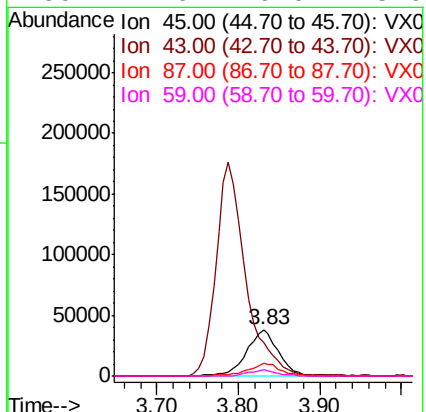
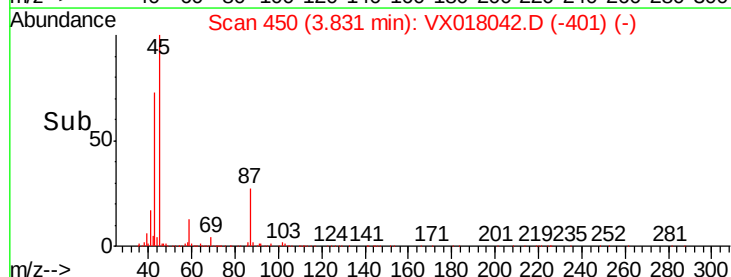
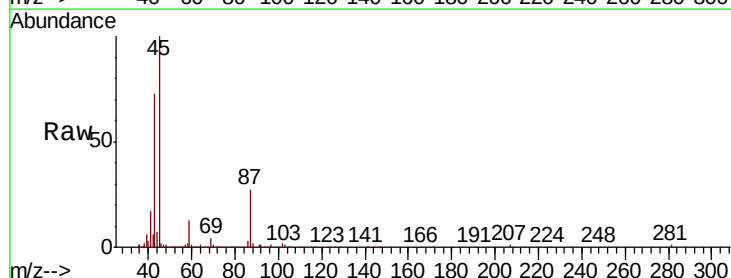
Ion Ratio Lower Upper

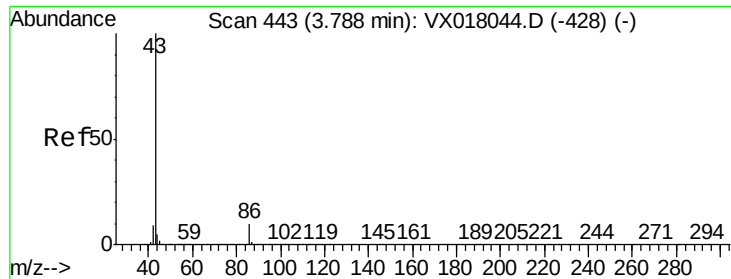
45 100

43 71.8 52.8 79.2

87 27.1 22.5 33.7

59 12.6 9.0 13.6





#23

Vinyl Acetate

Concen: 24.912 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

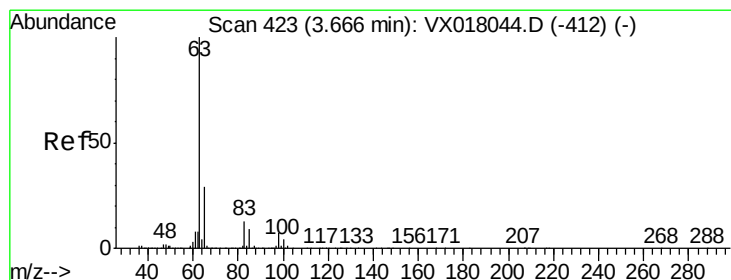
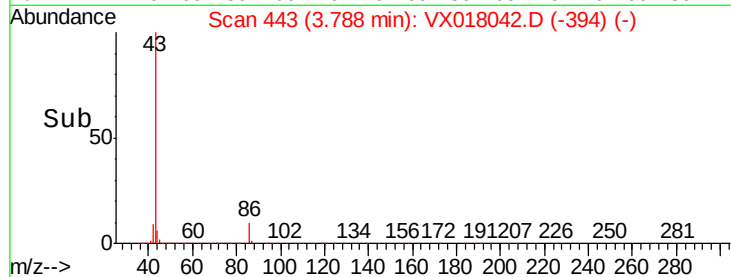
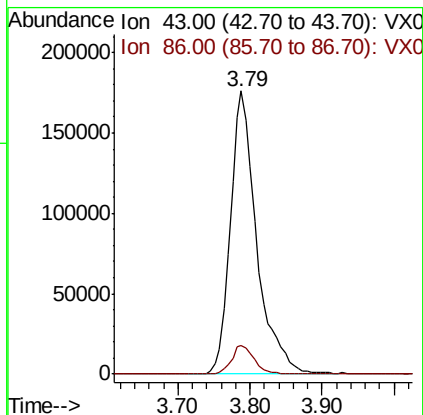
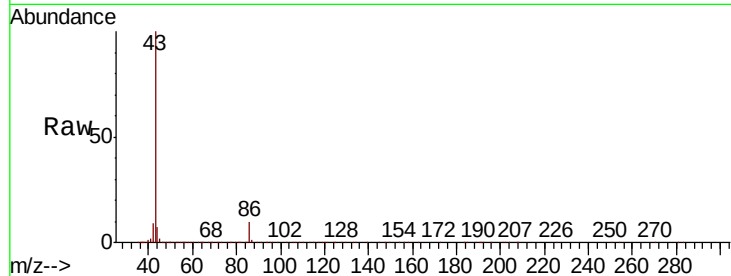
VSTDIC005

Tot Ion: 43 Resp: 444620

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 5.241 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

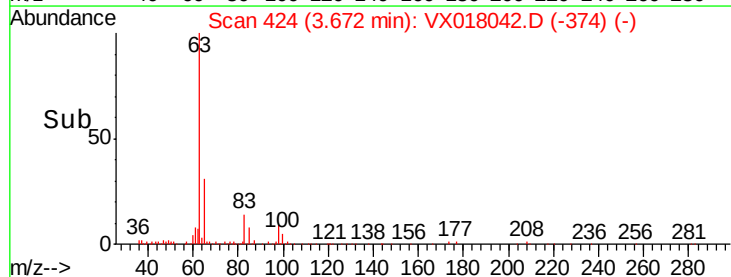
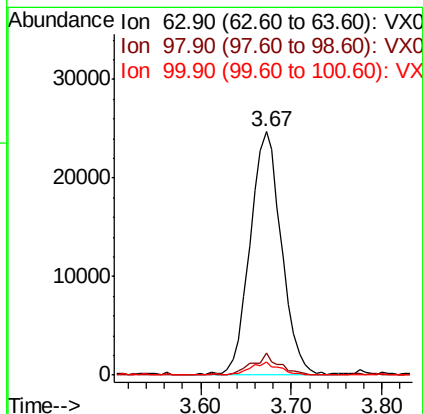
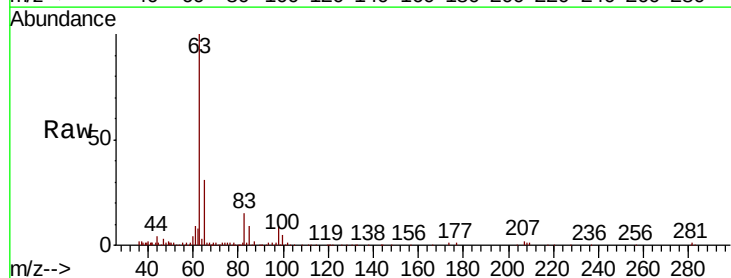
Tgt Ion: 63 Resp: 59479

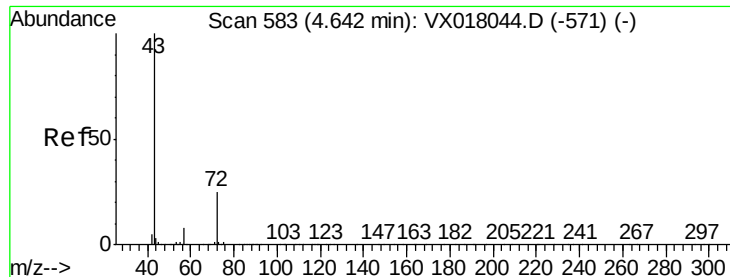
Ion Ratio Lower Upper

63 100

98 9.4 3.6 10.8

100 5.4 2.0 6.0





#25

2-Butanone

Concen: 24.699 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

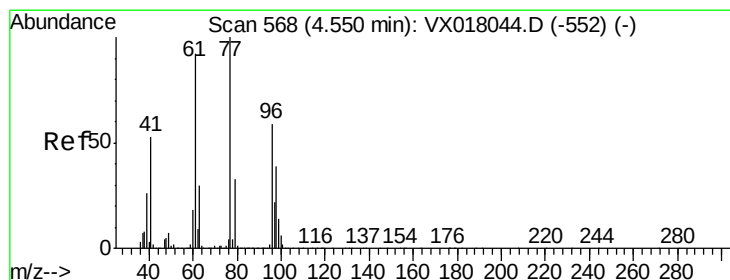
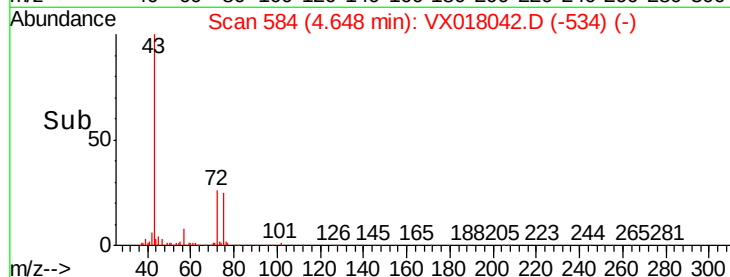
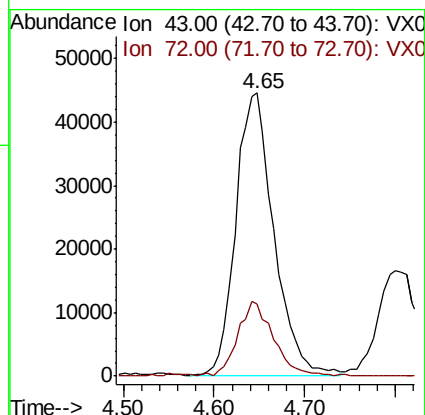
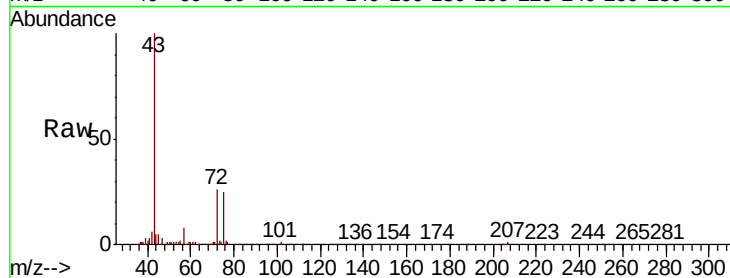
VSTDIC005

Tot Ion: 43 Resp: 130138

Ion Ratio Lower Upper

43 100

72 25.2 19.8 29.6



#26

2,2-Dichloropropane

Concen: 4.655 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018042.D

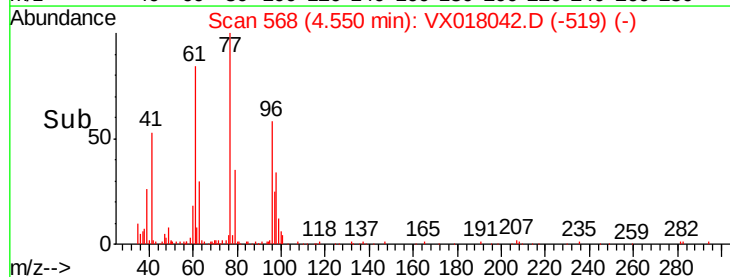
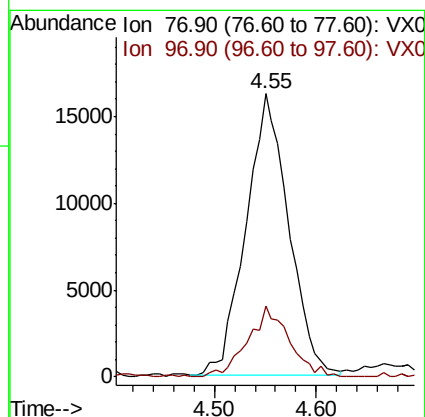
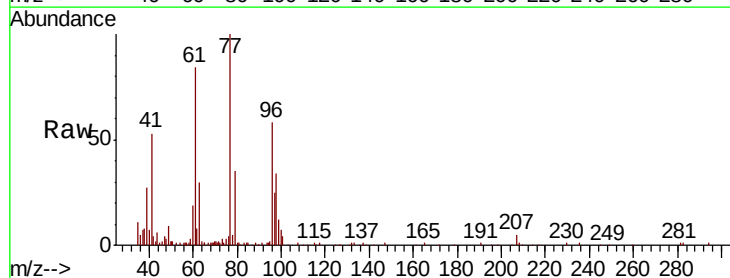
Acq: 20 Aug 2020 19:22

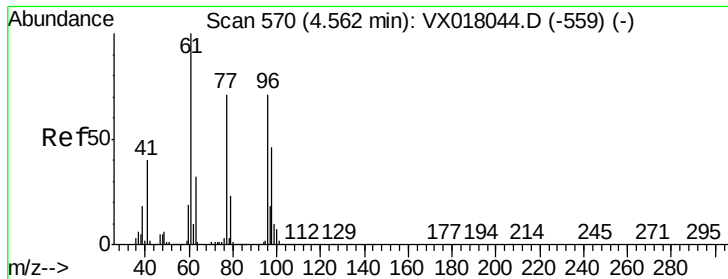
Tgt Ion: 77 Resp: 47356

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.5



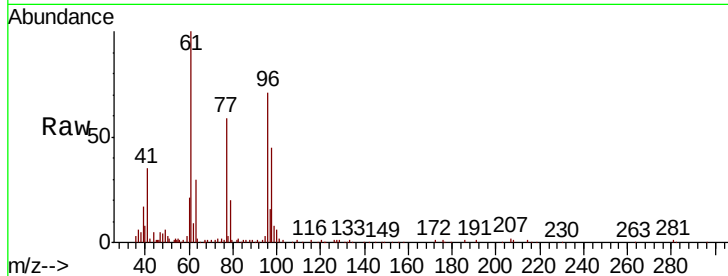


#27

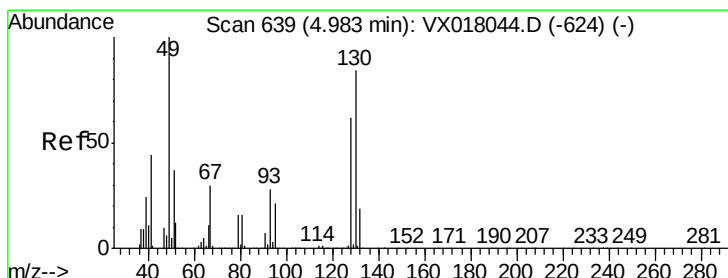
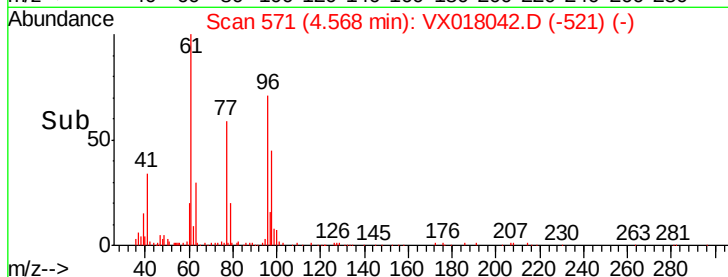
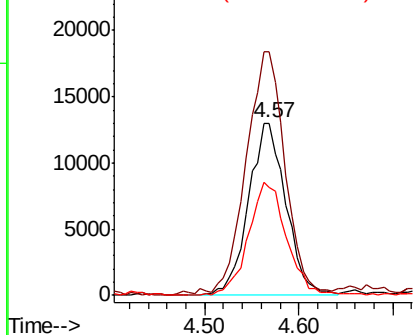
cis-1,2-Dichloroethene
Concen: 5.096 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	96	Resp	36231
Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	296.6
98	66.2	0.0	130.2



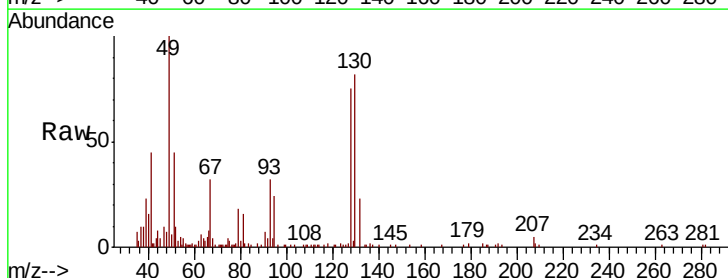
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



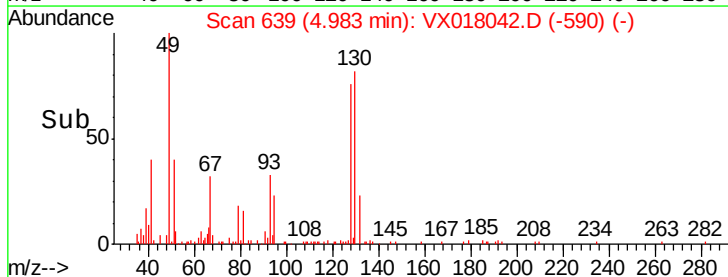
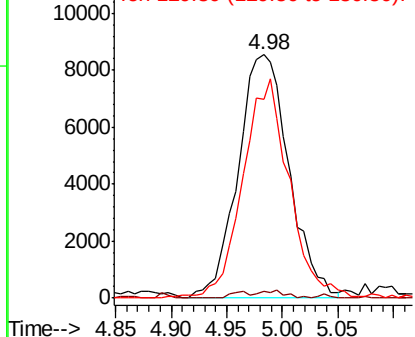
#28

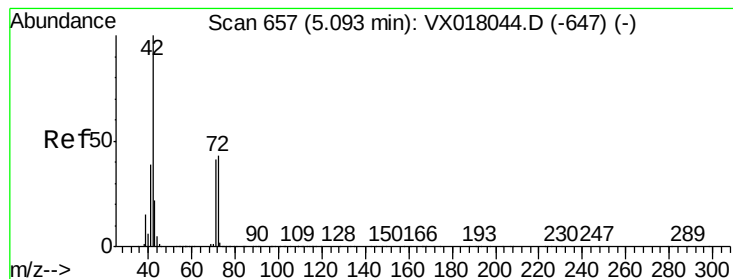
Bromochloromethane
Concen: 5.221 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion	49	Resp	27249
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.6
130	82.0	64.6	96.8



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: 23.207 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

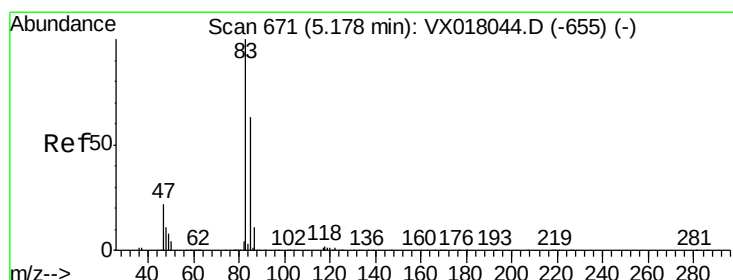
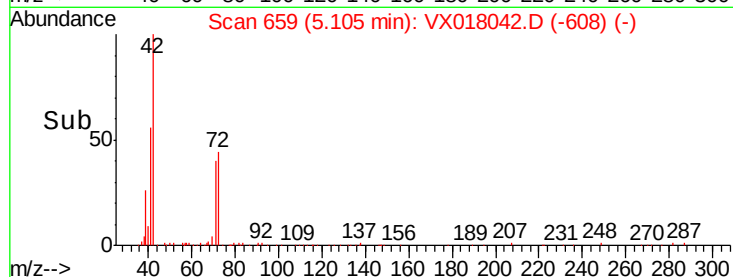
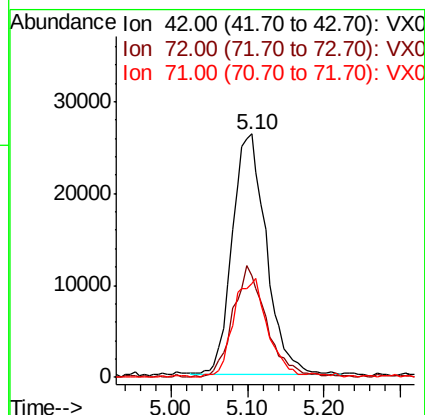
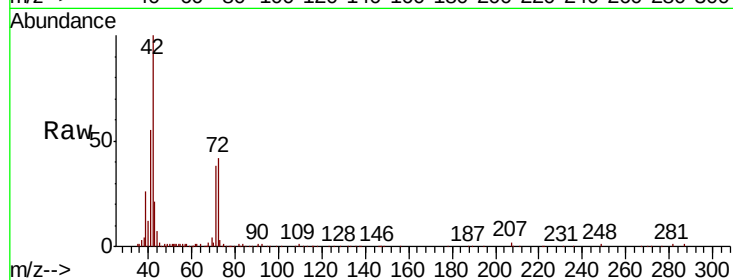
Tot Ion: 42 Resp: 80934

Ion Ratio Lower Upper

42 100

72 45.5 34.2 51.4

71 41.1 32.1 48.1



#30

Chloroform

Concen: 5.265 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018042.D

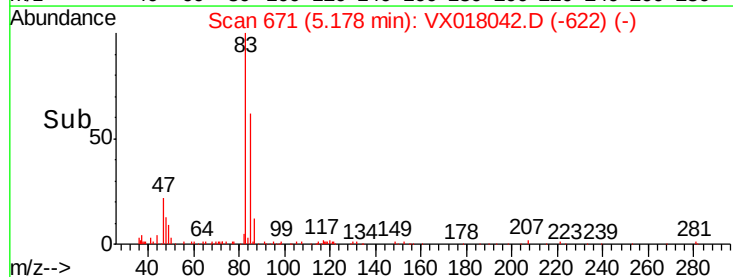
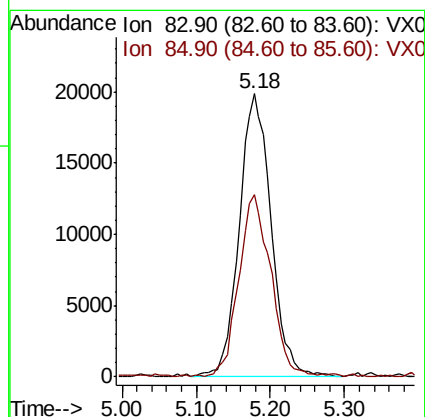
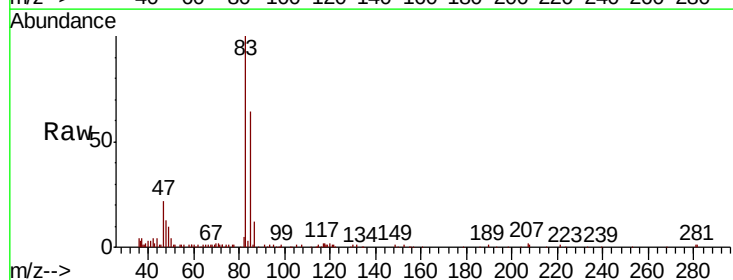
Acq: 20 Aug 2020 19:22

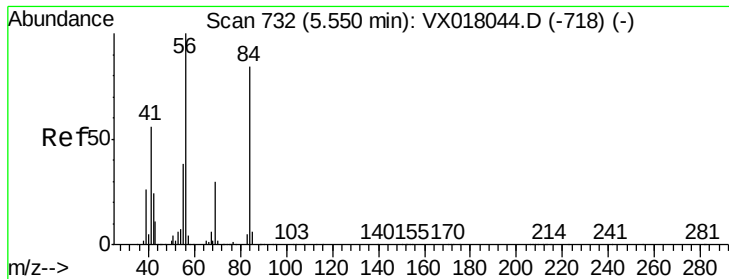
Tgt Ion: 83 Resp: 59731

Ion Ratio Lower Upper

83 100

85 64.0 50.7 76.1

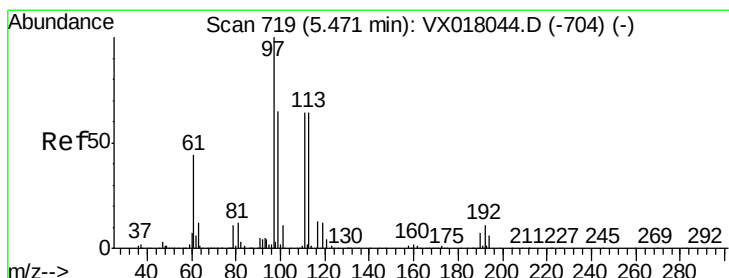
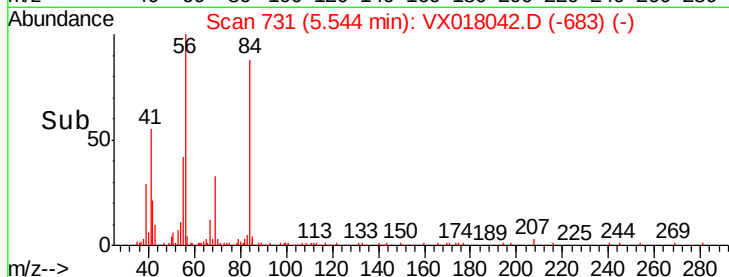
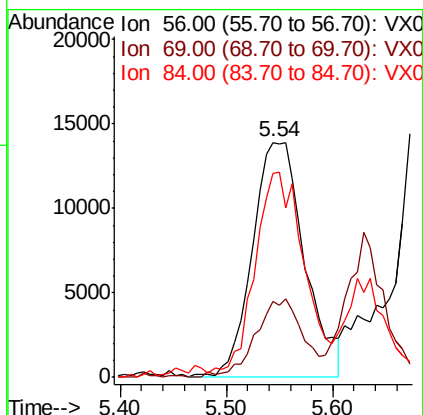
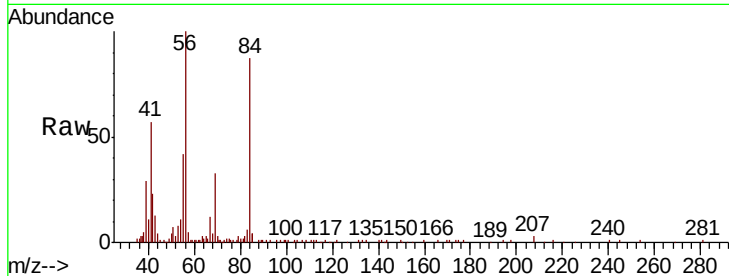




#31
Cyclohexane
Concen: 4.666 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

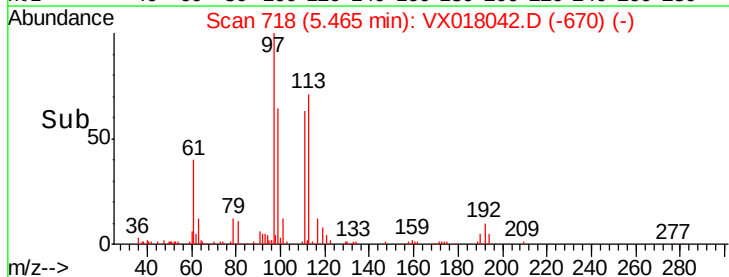
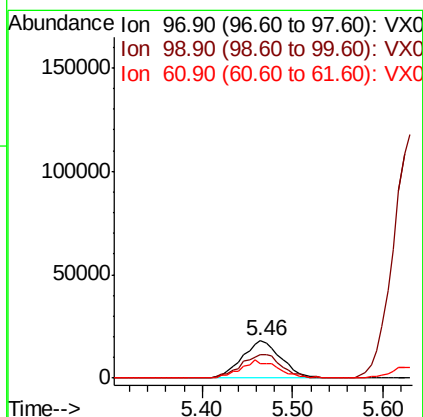
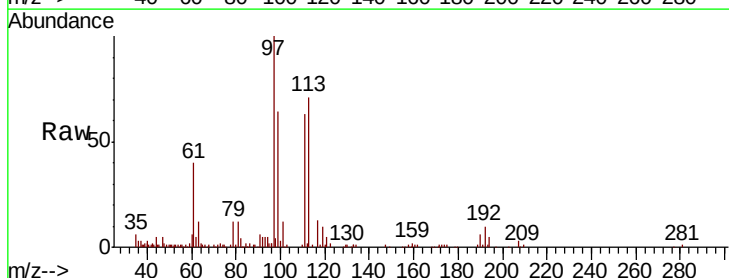
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

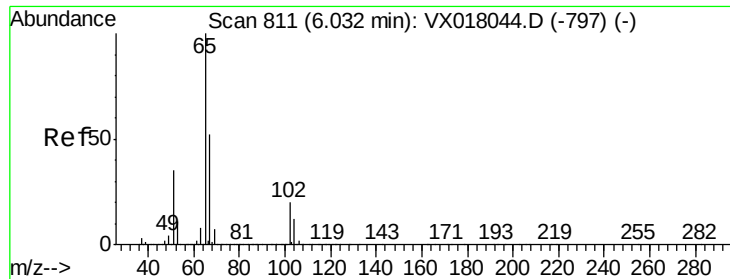
Tot Ion: 56 Resp: 47239
Ion Ratio Lower Upper
56 100
69 32.6 23.9 35.9
84 85.0 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 5.198 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion: 97 Resp: 53669
Ion Ratio Lower Upper
97 100
99 66.3 51.4 77.0
61 44.5 34.2 51.4

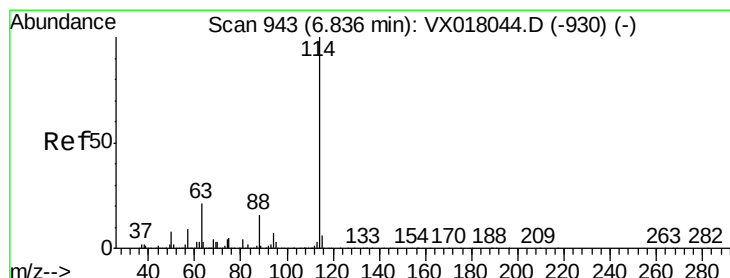
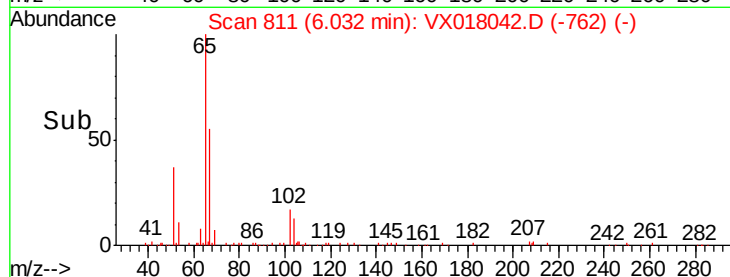
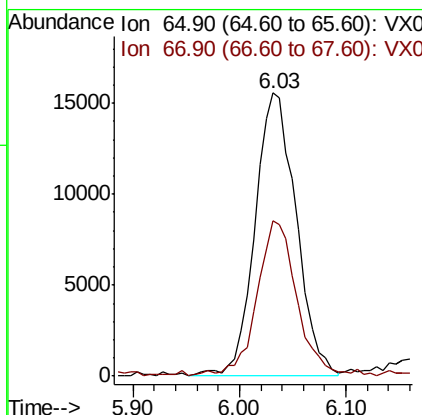
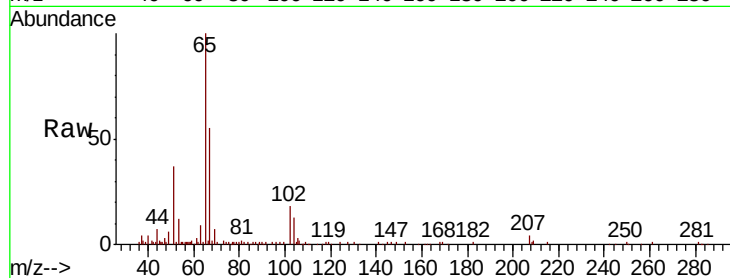




#33
 1,2-Dichloroethane-d4
 Concen: 5.568 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

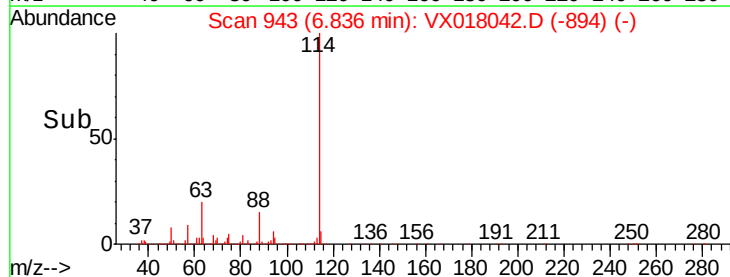
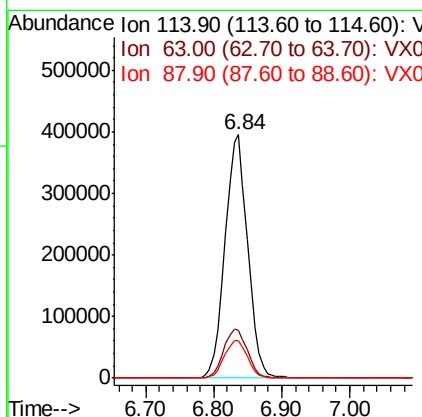
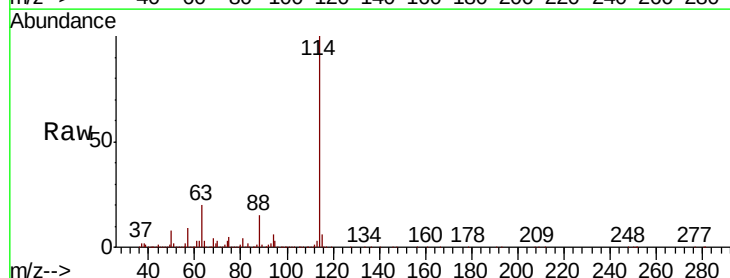
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

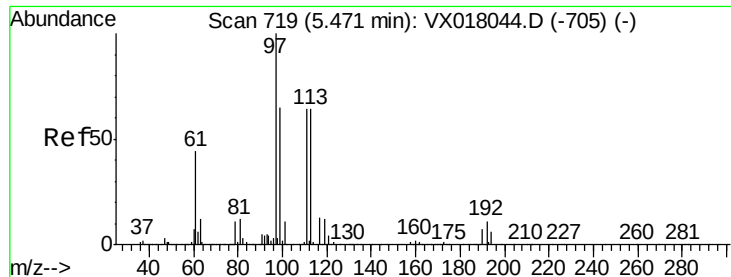
Tot Ion: 65 Resp: 42021
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion: 114 Resp: 913366
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.6
 88 15.5 0.0 31.8

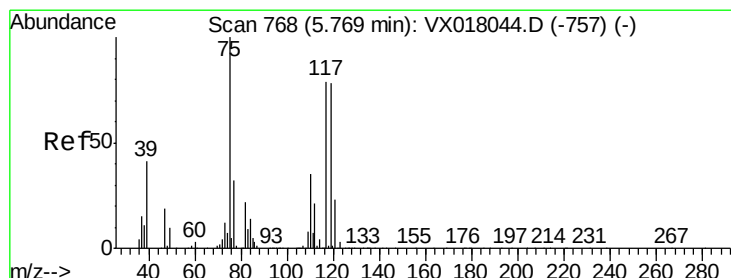
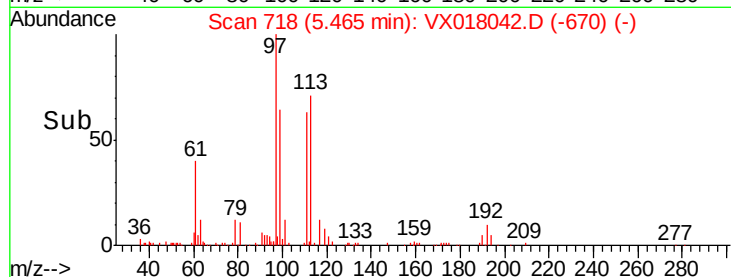
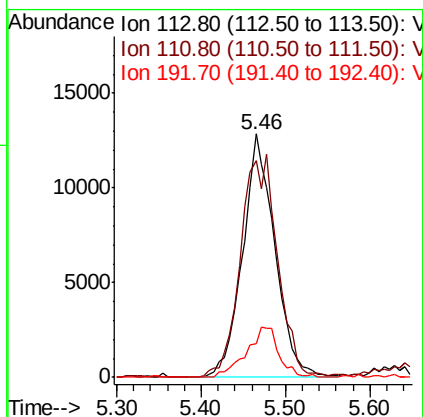
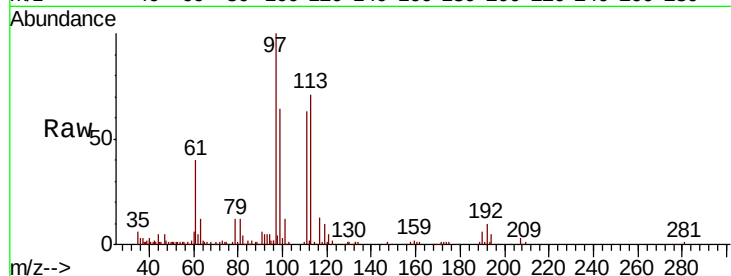




#35
 Dibromofluoromethane
 Concen: 5.618 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

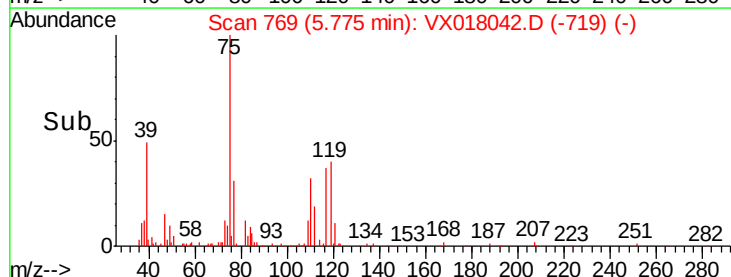
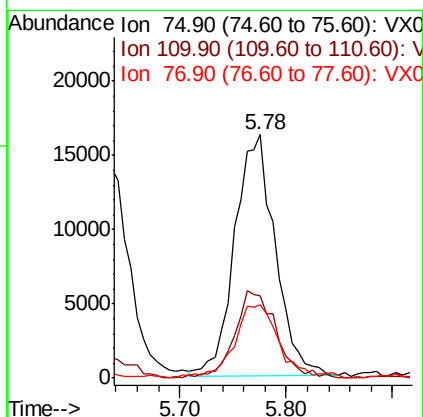
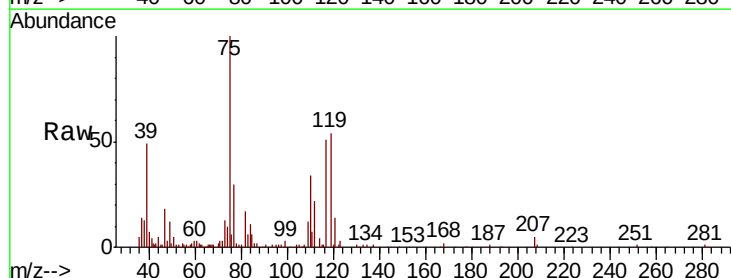
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

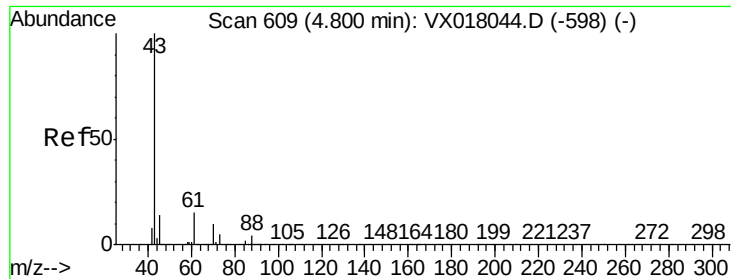
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.6	122.4
192	21.0	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 4.842 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.0	54.0
77	33.0	24.4	36.6

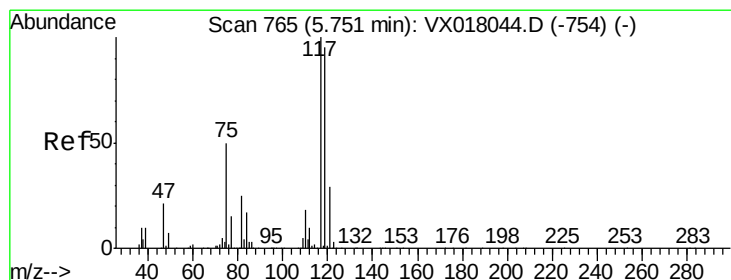
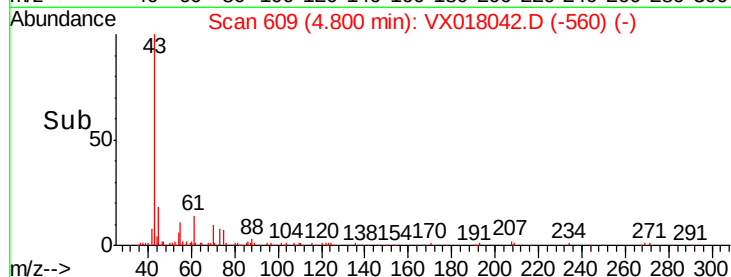
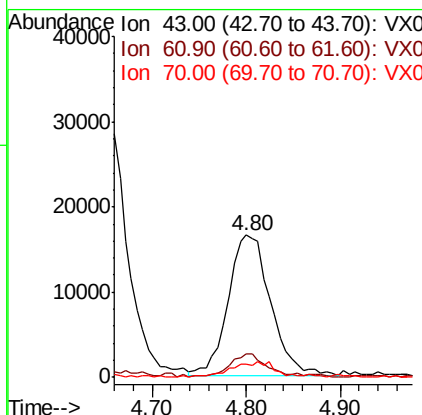
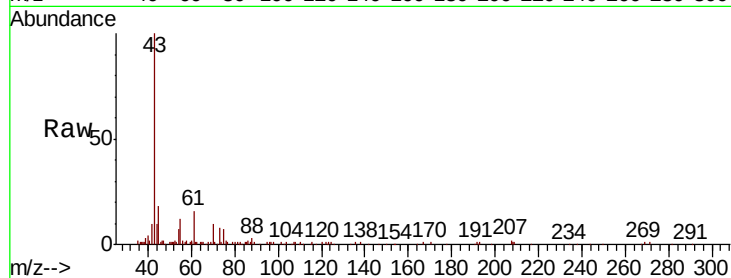




#37
Ethyl Acetate
Concen: 5.060 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

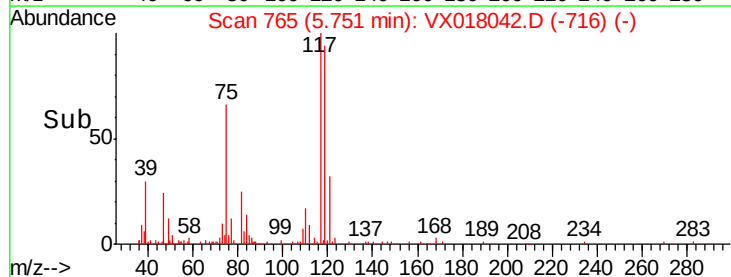
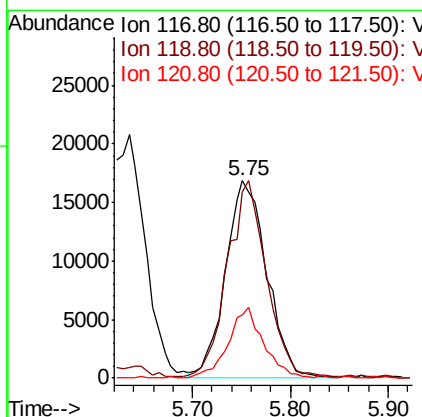
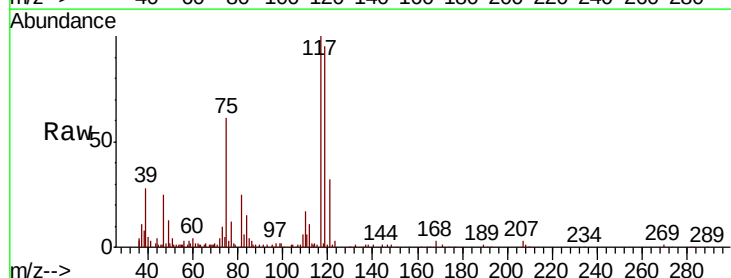
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

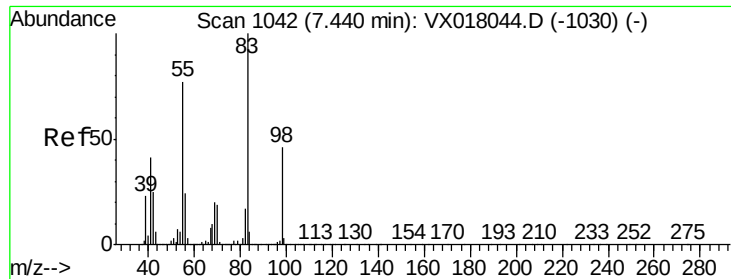
Tot Ion:	43	Resp:	52064
Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.3	16.9
70	11.4	8.2	12.4



#38
Carbon Tetrachloride
Concen: 5.317 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion:	117	Resp:	49101
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.6
121	32.2	23.4	35.0

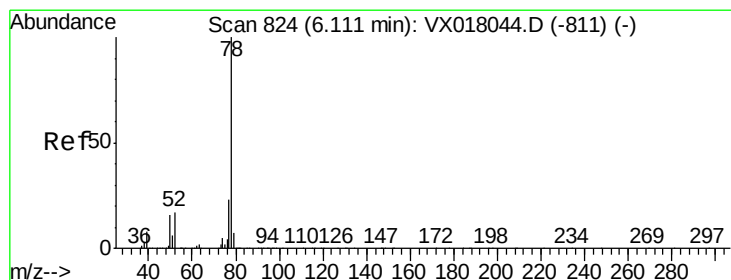
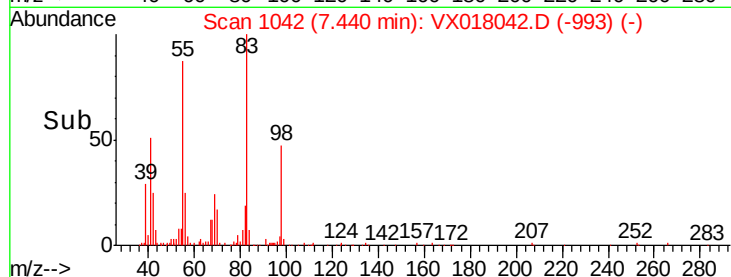
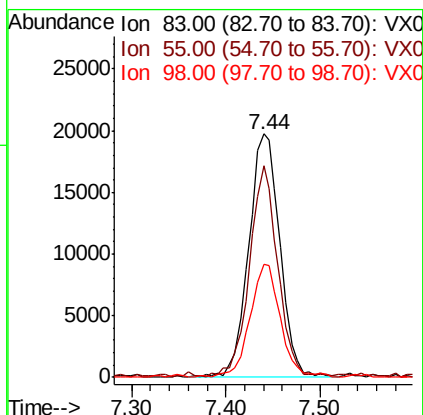
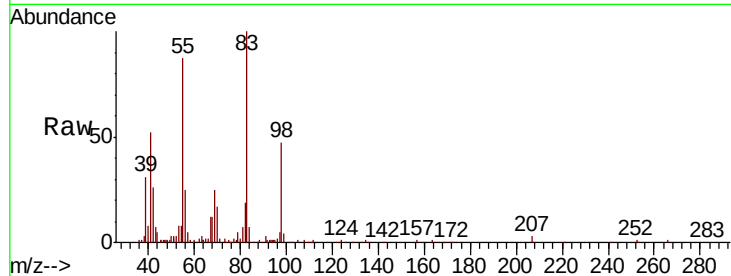




#39
Methylvlcyclohexane
Concen: 4.280 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

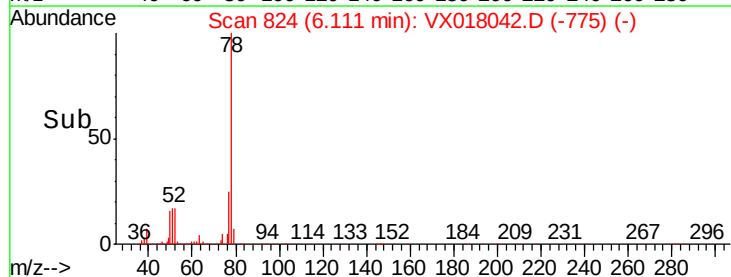
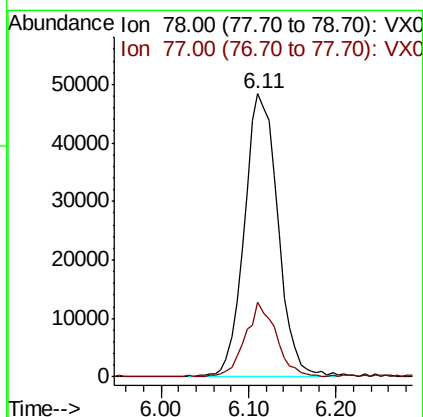
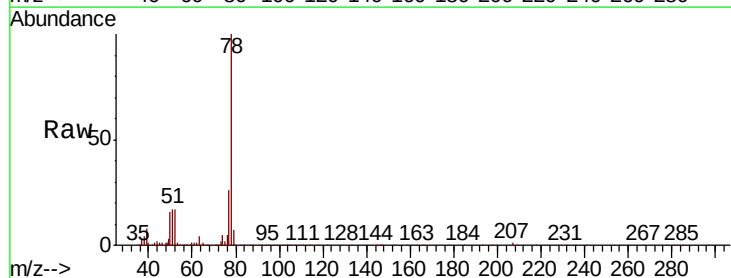
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

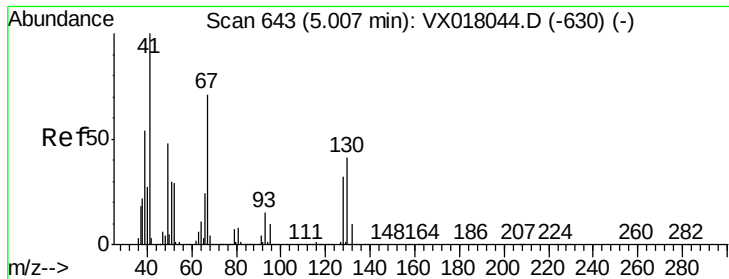
Tot Ion: 83 Resp: 45430
Ion Ratio Lower Upper
83 100
55 86.2 61.8 92.6
98 46.7 36.6 55.0



#40
Benzene
Concen: 4.957 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion: 78 Resp: 129415
Ion Ratio Lower Upper
78 100
77 26.0 18.2 27.2





#41

Methacrylonitrile

Concen: 4.623 ug/l

RT: 5.01 min Scan# 644

Delta R.T. 0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 25727

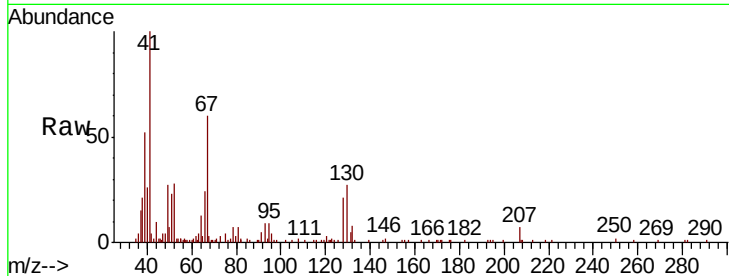
Ion Ratio Lower Upper

41 100

39 57.3 43.1 64.7

67 74.0 56.0 84.0

52 30.0 22.7 34.1

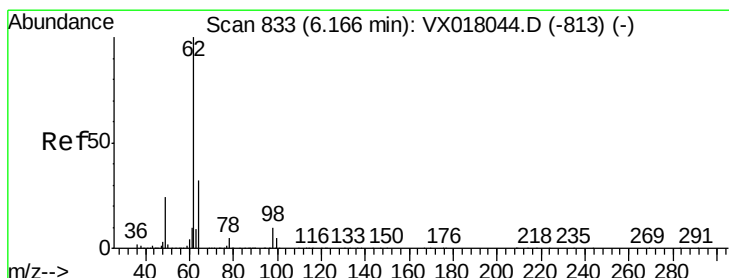
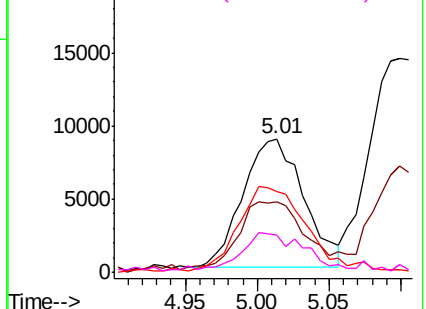
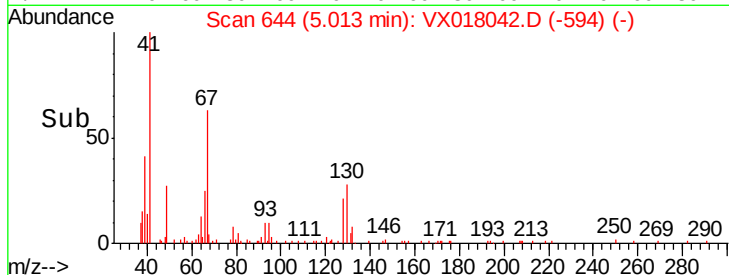


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.283 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018042.D

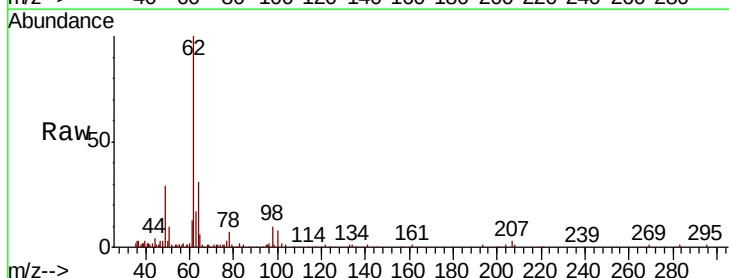
Acq: 20 Aug 2020 19:22

Tgt Ion: 62 Resp: 50194

Ion Ratio Lower Upper

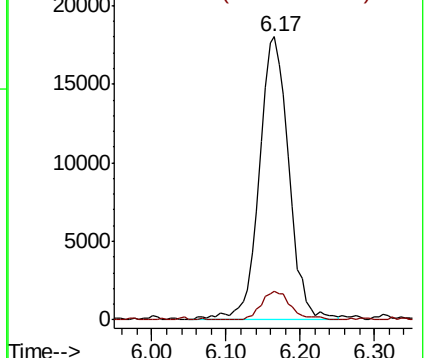
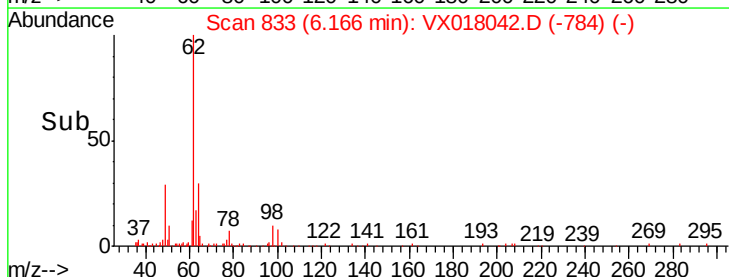
62 100

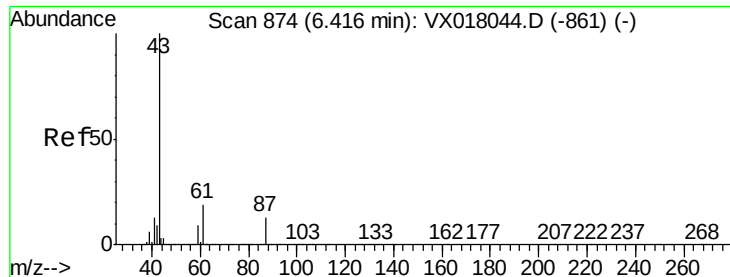
98 10.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.826 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

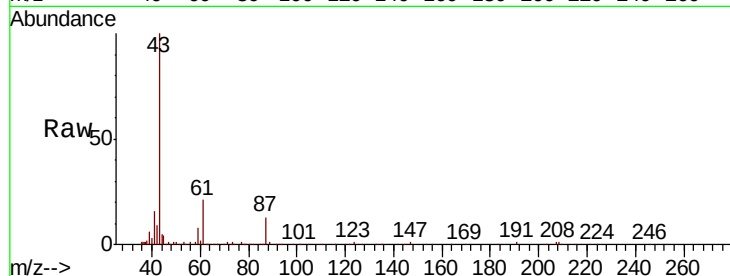
Tot Ion: 43 Resp: 79758

Ion Ratio Lower Upper

43 100

61 19.5 15.7 23.5

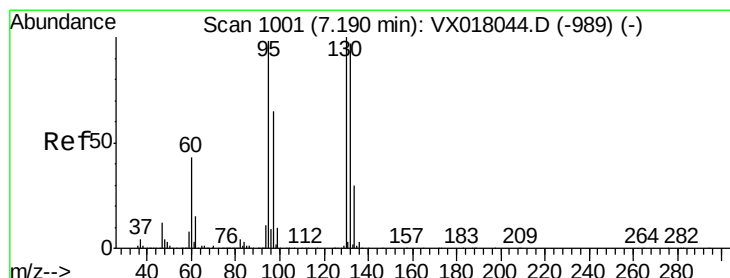
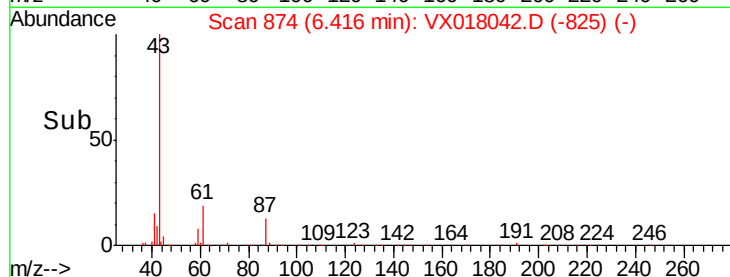
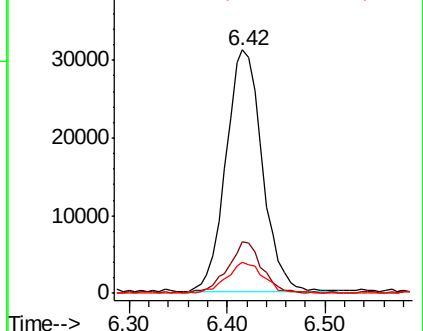
87 13.4 10.3 15.5



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: 4.091 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX018042.D

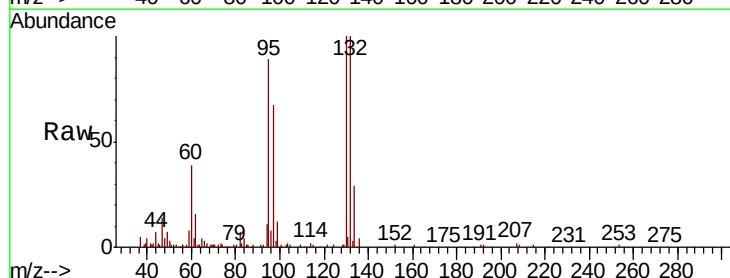
Acq: 20 Aug 2020 19:22

Tgt Ion:130 Resp: 36916

Ion Ratio Lower Upper

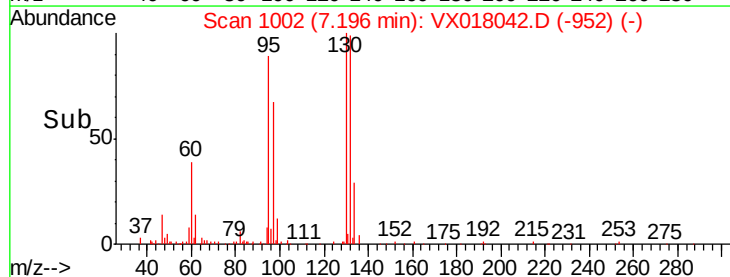
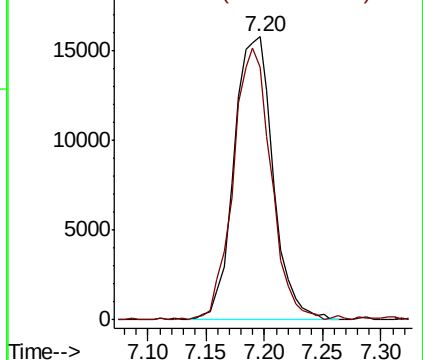
130 100

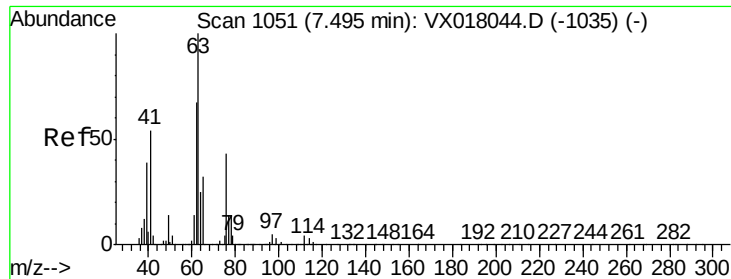
95 89.3 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

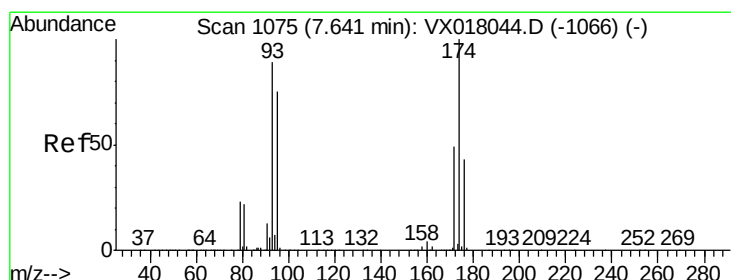
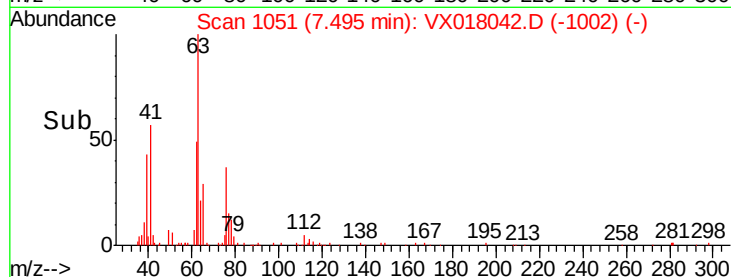
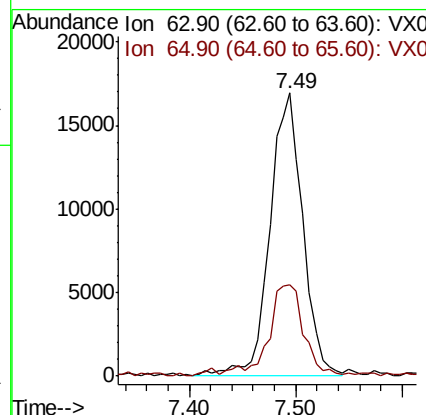
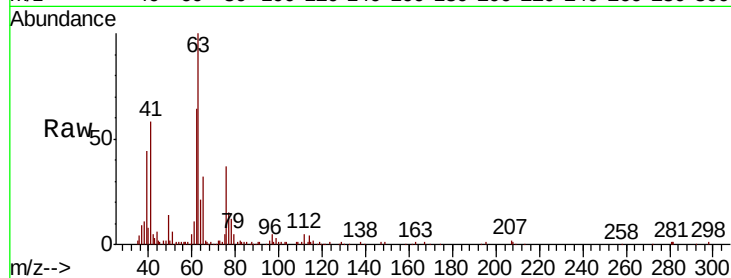




#45
 1,2-Dichloropropane
 Concen: 5.406 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

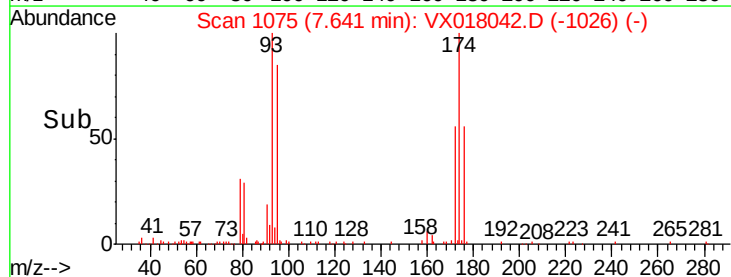
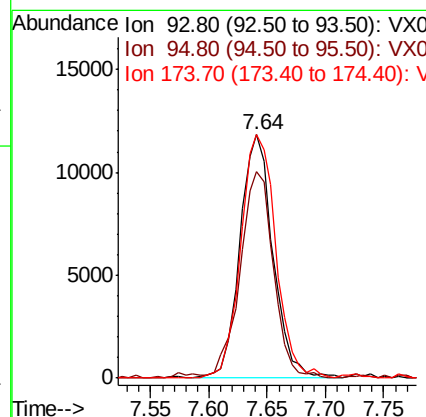
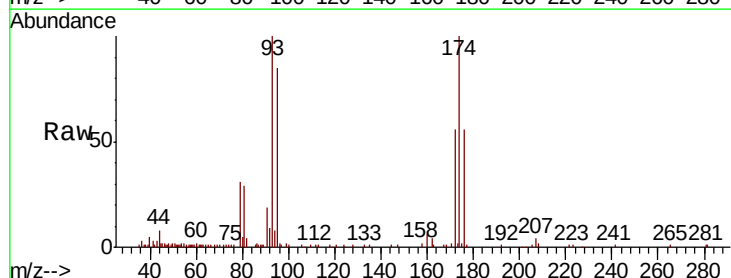
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

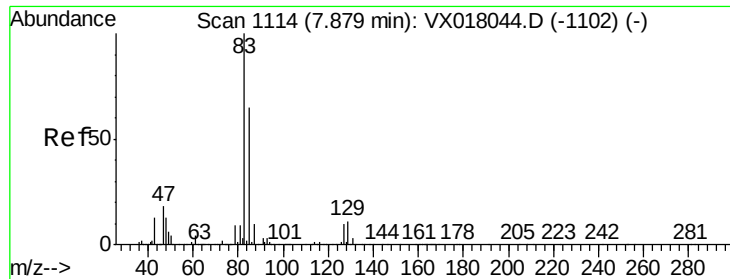
Tot Ion: 63 Resp: 36073
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.7 38.5



#46
 Dibromomethane
 Concen: 5.147 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion: 93 Resp: 23438
 Ion Ratio Lower Upper
 93 100
 95 85.7 67.3 100.9
 174 106.2 82.2 123.2





#47

Bromodichloromethane

Concen: 5.470 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

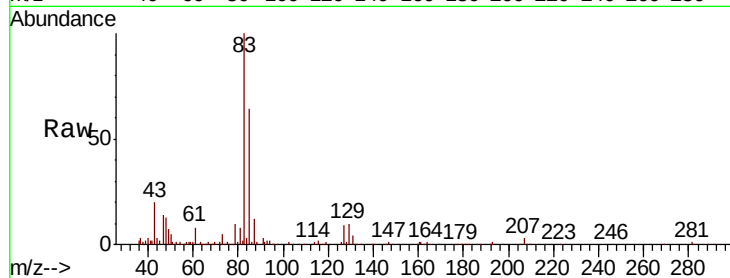
Tot Ion: 83 Resp: 50603

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

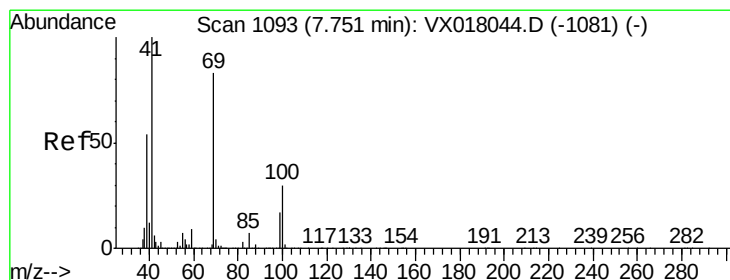
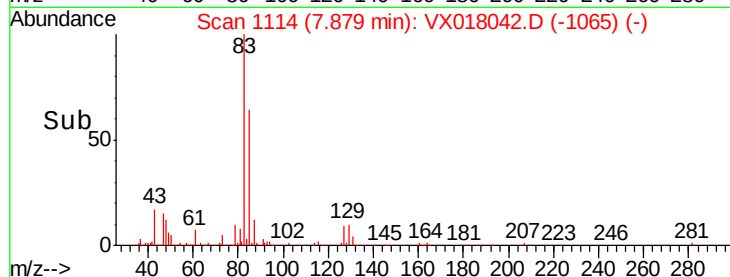
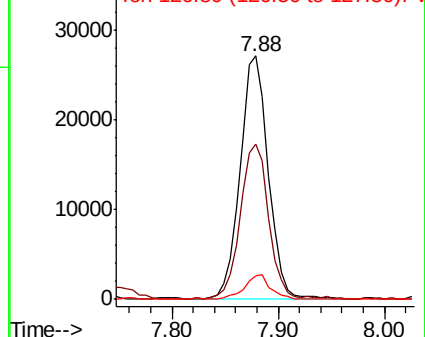
127 9.4 7.7 11.5



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: 4.946 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

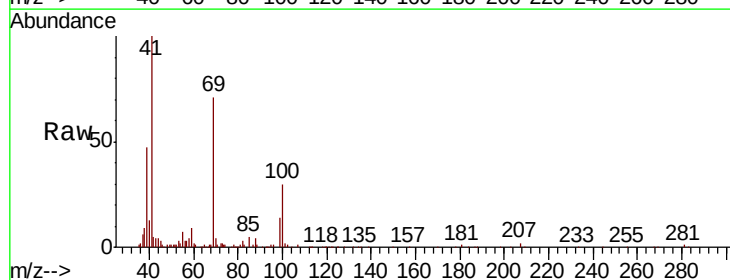
Tgt Ion: 41 Resp: 38989

Ion Ratio Lower Upper

41 100

69 79.4 65.5 98.3

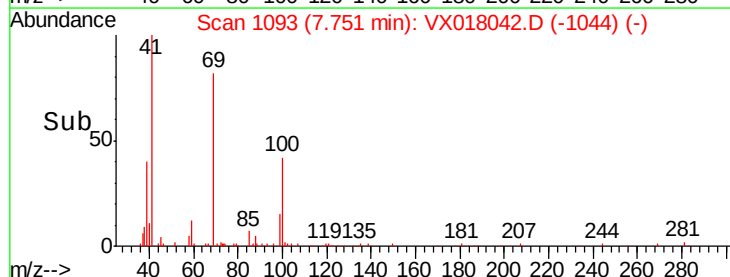
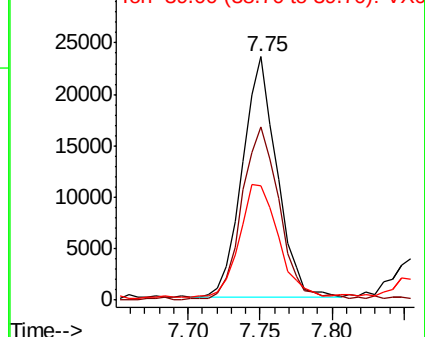
39 52.5 44.5 66.7

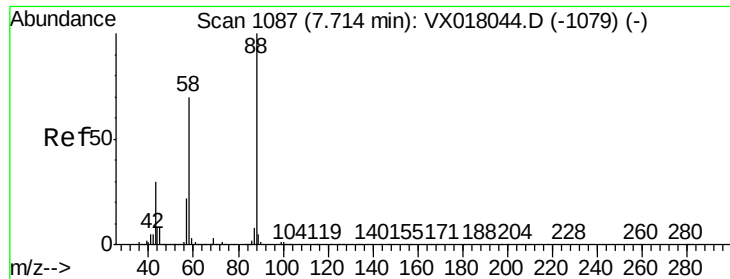


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

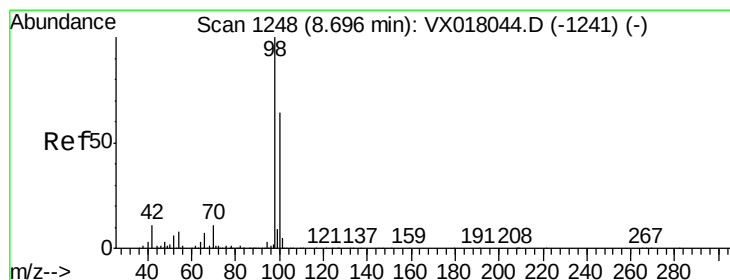
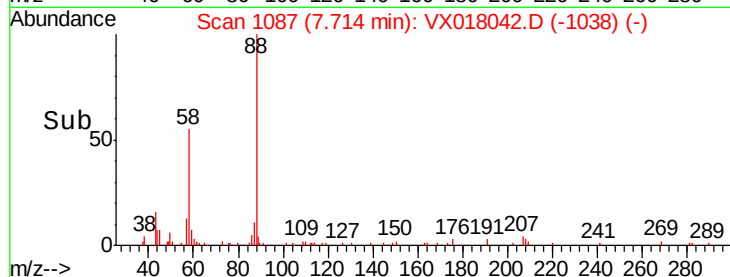
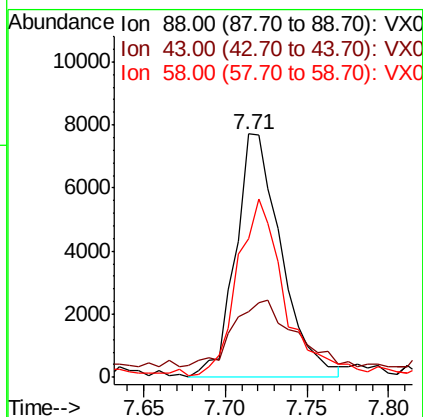
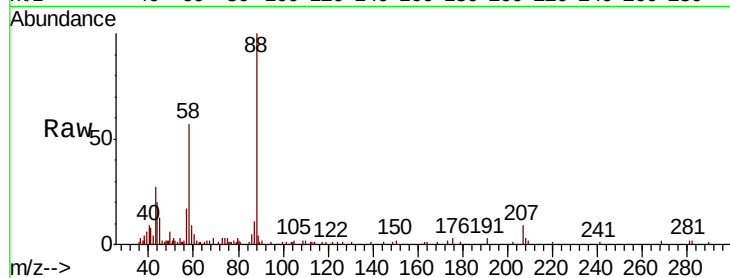




#49
1,4-Dioxane
Concen: 82.410 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

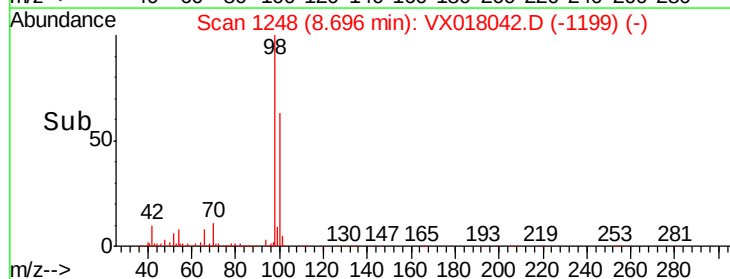
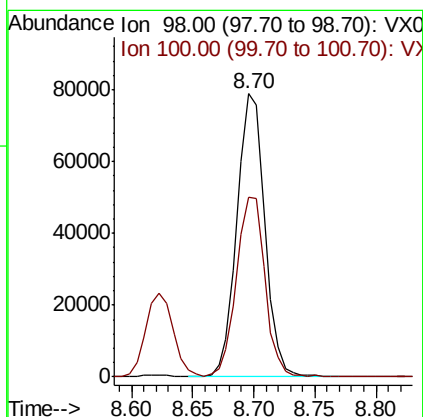
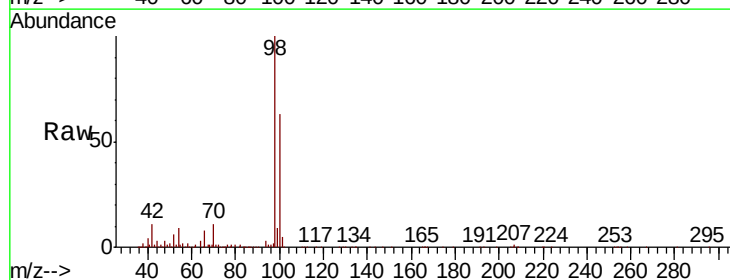
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

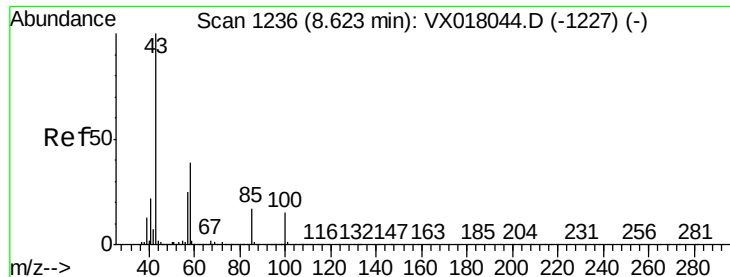
Tot Ion: 88 Resp: 15075
Ion Ratio Lower Upper
88 100
43 36.8 27.4 41.0
58 73.8 56.4 84.6



#50
Toluene-d8
Concen: 5.488 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion: 98 Resp: 124041
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

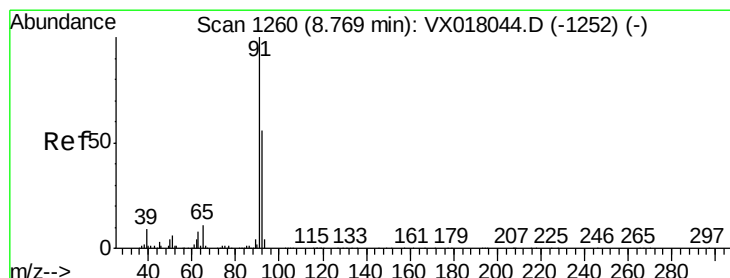
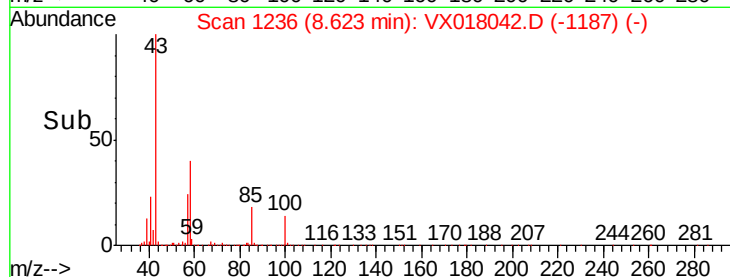
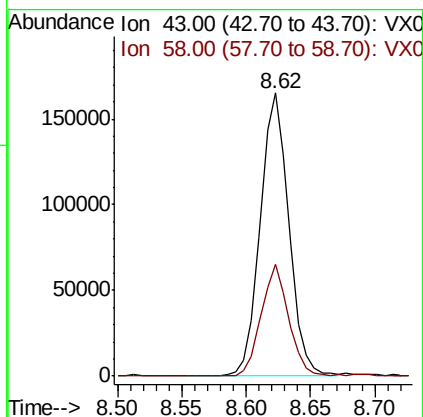
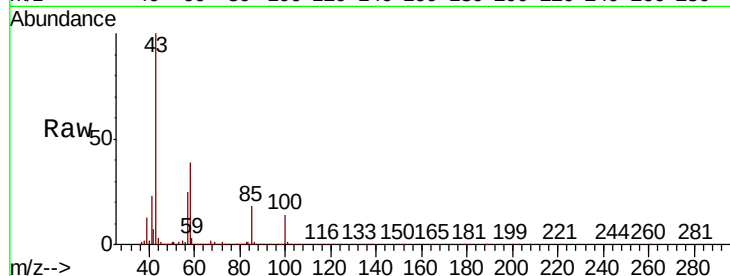




#51
 4-Methyl-2-Pentanone
 Concen: 24.907 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

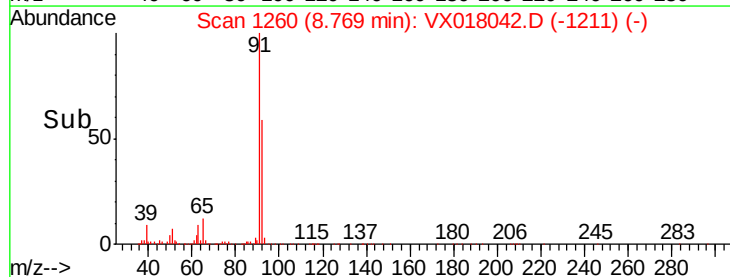
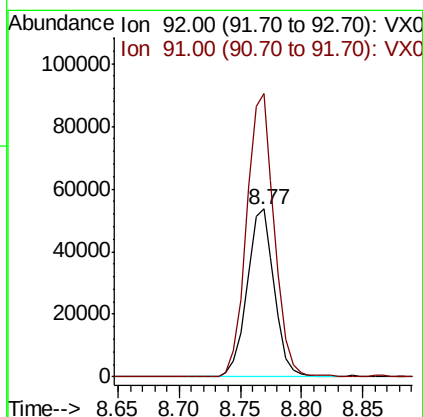
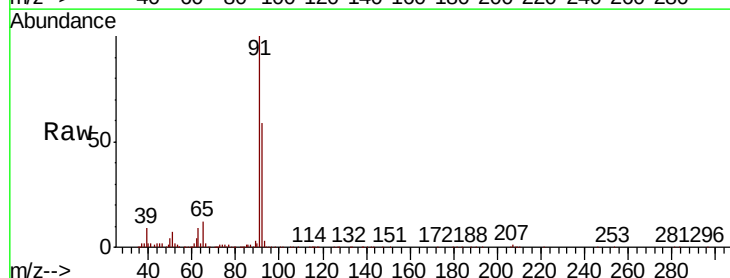
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

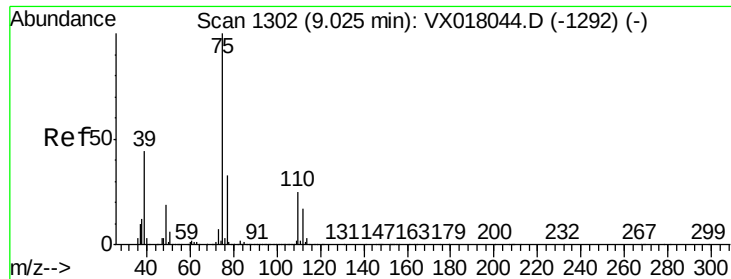
Tot Ion: 43 Resp: 251950
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.7 46.1



#52
 Toluene
 Concen: 5.078 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion: 92 Resp: 82822
 Ion Ratio Lower Upper
 92 100
 91 171.7 140.3 210.5

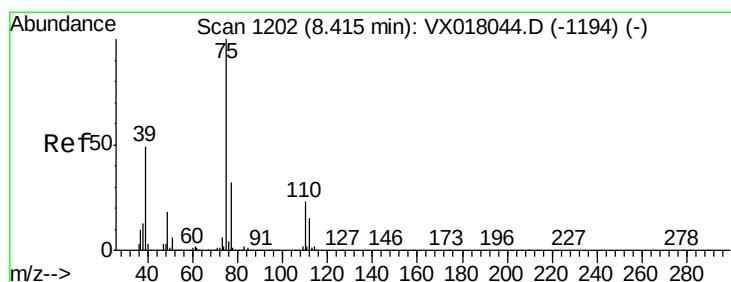
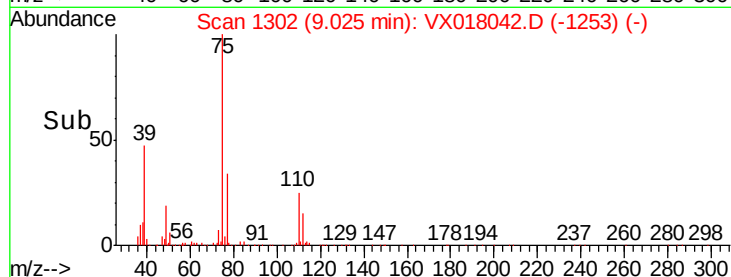
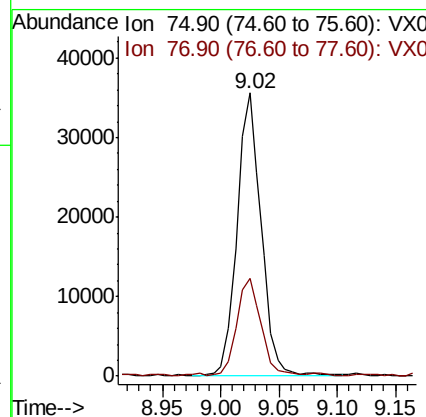
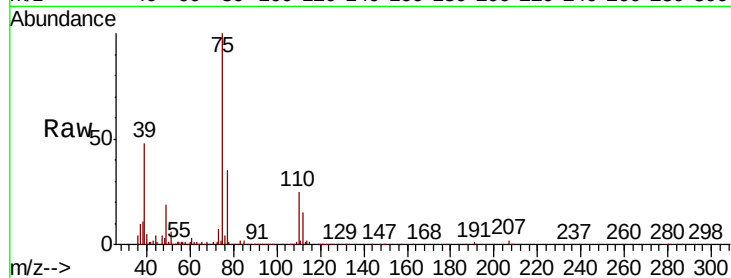




#53
 t-1,3-Dichloropropene
 Concen: 4.683 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

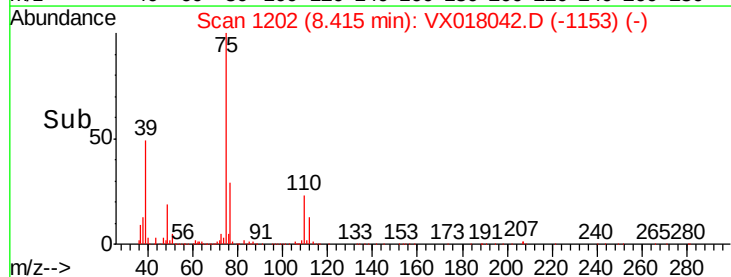
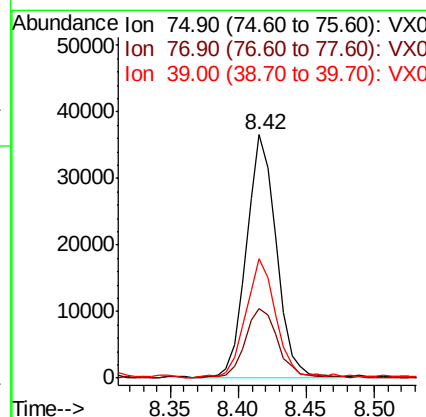
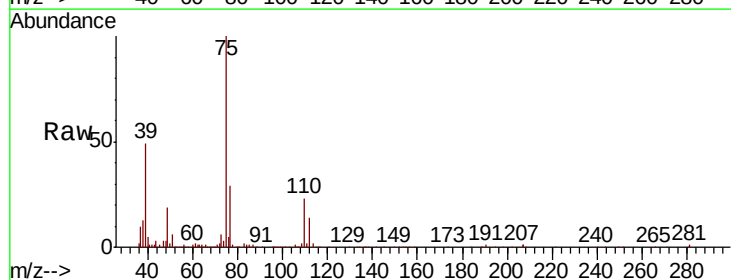
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

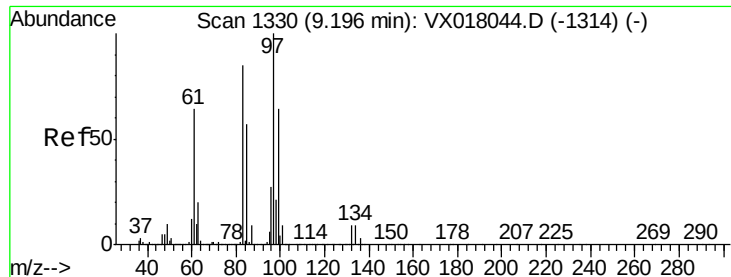
Tot Ion: 75 Resp: 51236
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.921 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion: 75 Resp: 56209
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.8 38.8
 39 48.6 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 5.717 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 97 Resp: 37097

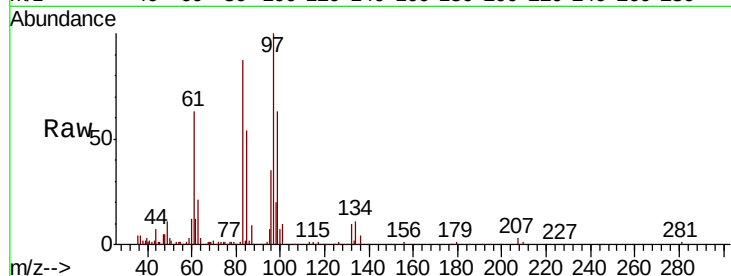
Ion Ratio Lower Upper

97 100

83 86.1 67.8 101.6

85 53.3 45.3 67.9

99 62.1 50.9 76.3

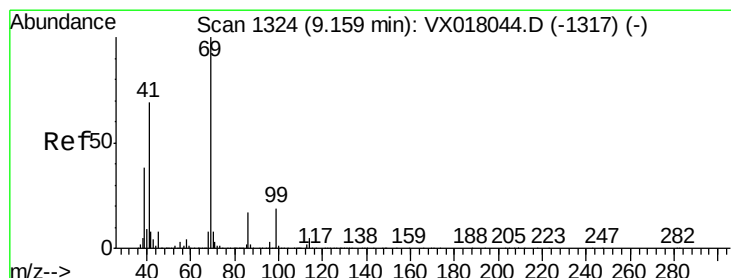
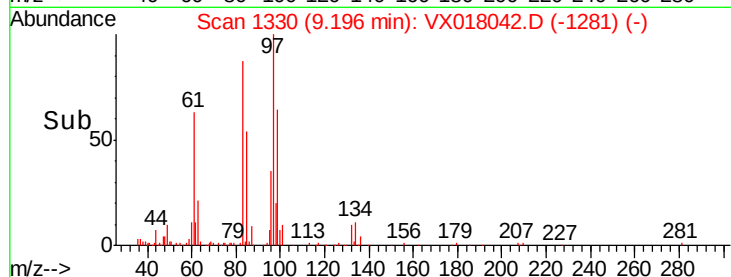
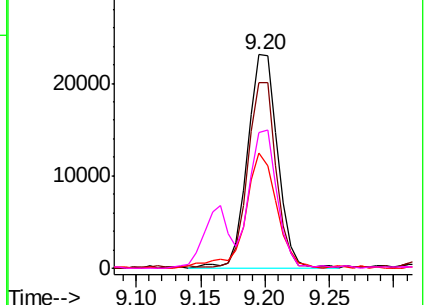


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 4.634 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

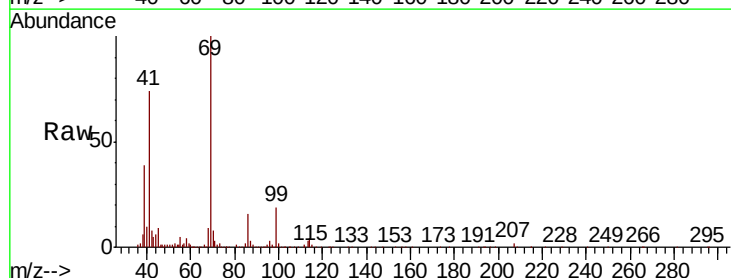
Tgt Ion: 69 Resp: 48394

Ion Ratio Lower Upper

69 100

41 66.9 54.6 81.8

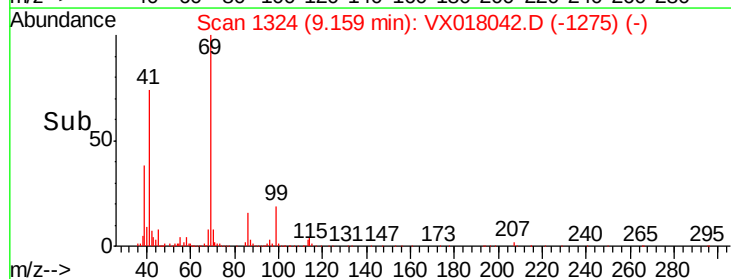
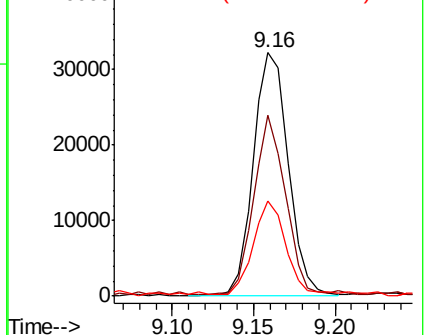
39 38.9 29.1 43.7

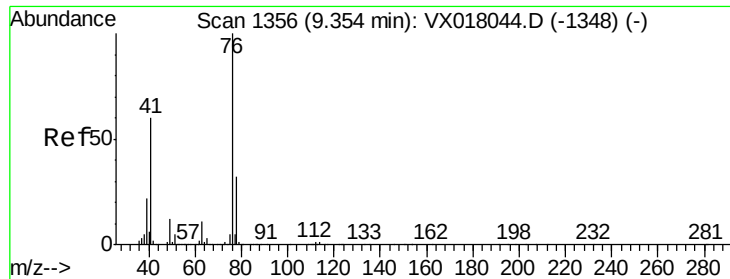


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 5.322 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

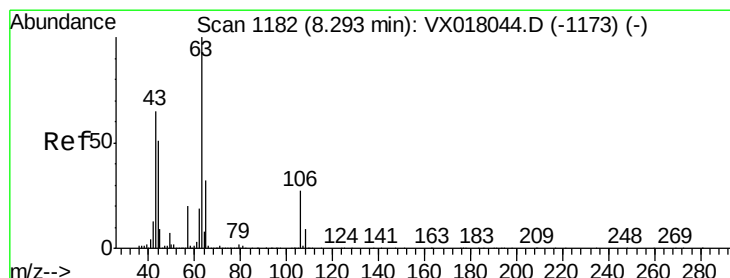
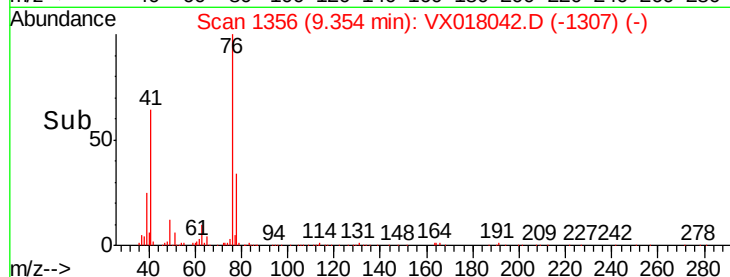
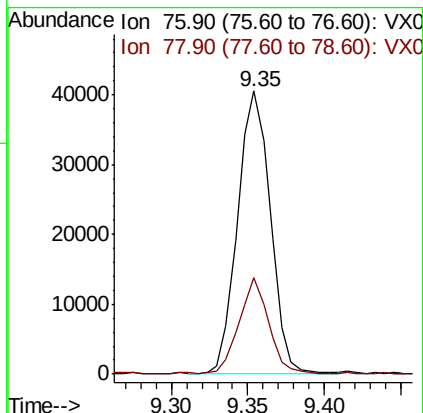
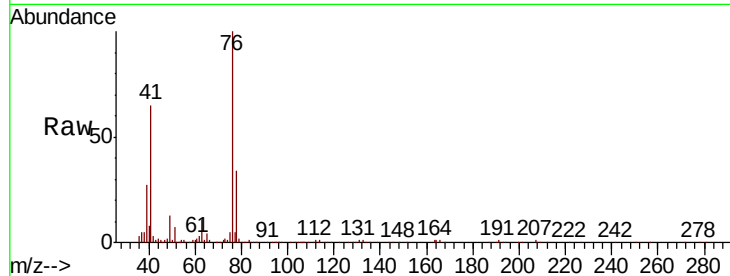
VSTDIC005

Tot Ion: 76 Resp: 59819

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 23.291 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018042.D

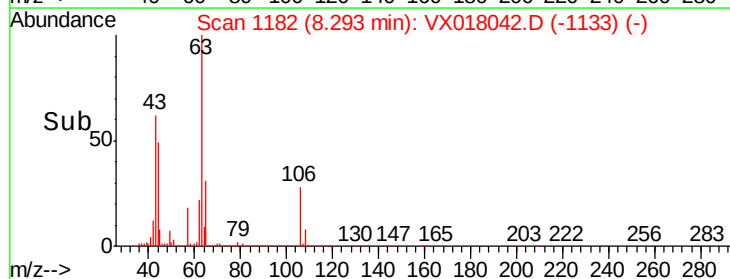
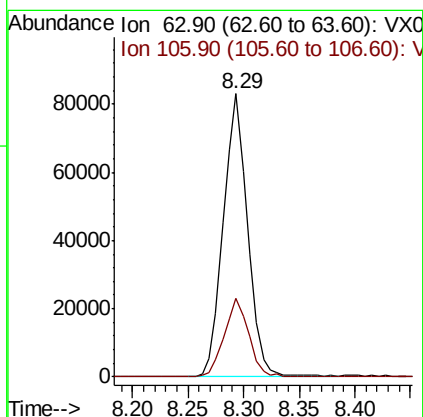
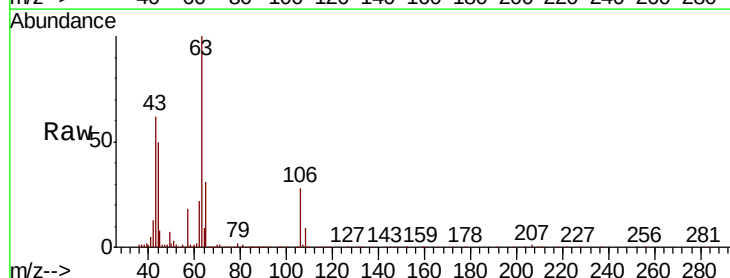
Acq: 20 Aug 2020 19:22

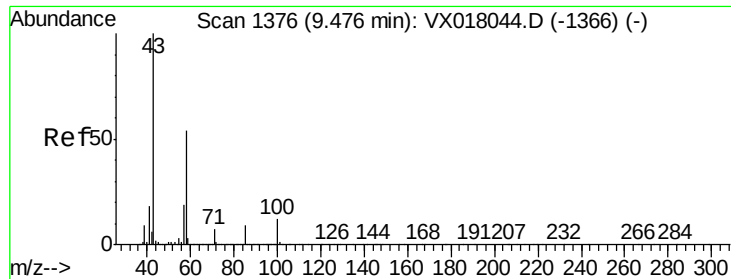
Tgt Ion: 63 Resp: 126123

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

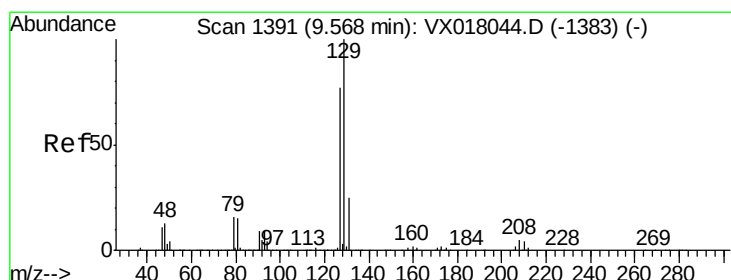
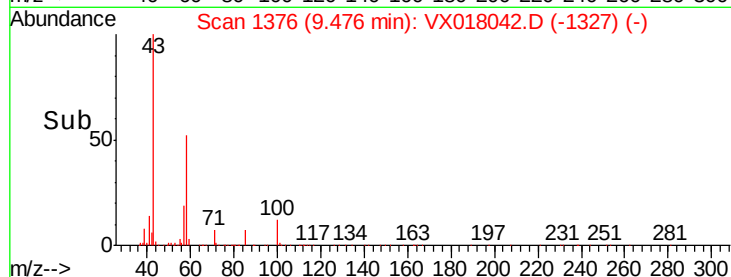
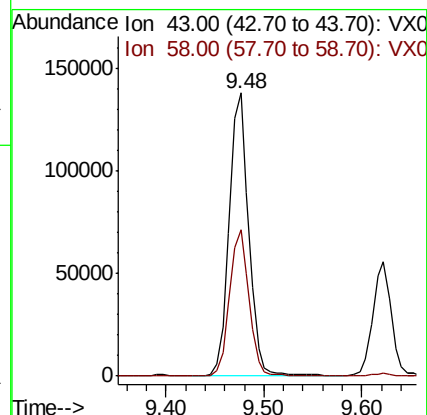
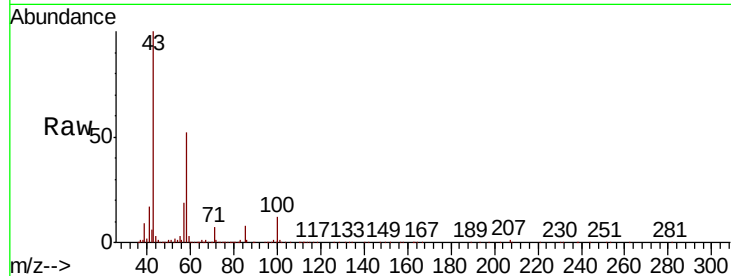




#59
2-Hexanone
Concen: 24.076 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

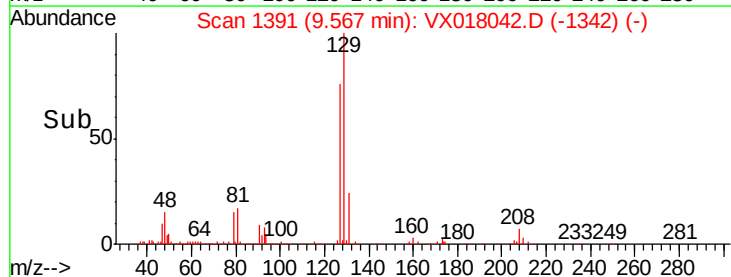
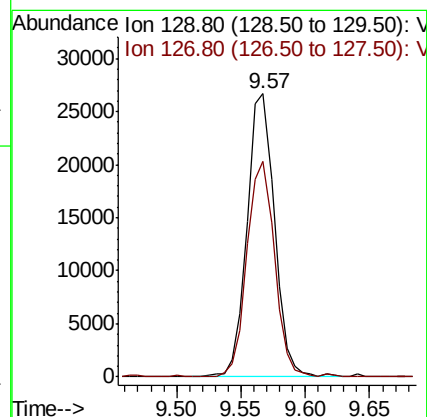
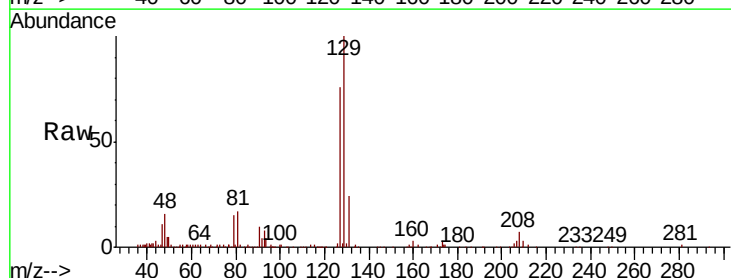
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

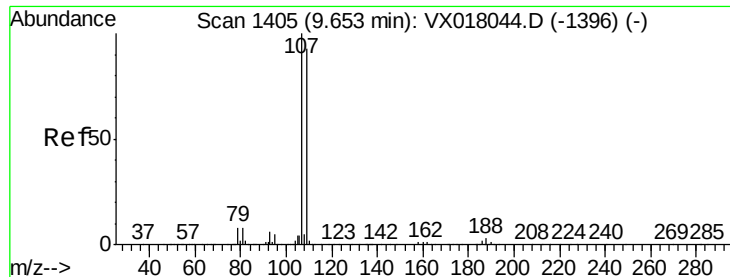
Tot Ion: 43 Resp: 191018
Ion Ratio Lower Upper
43 100
58 51.5 26.6 79.7



#60
Dibromochloromethane
Concen: 5.443 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion: 129 Resp: 39292
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 5.488 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

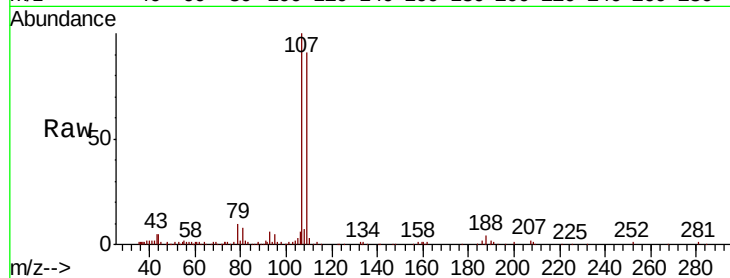
VSTDIC005

Tot Ion: 107 Resp: 38517

Ion Ratio Lower Upper

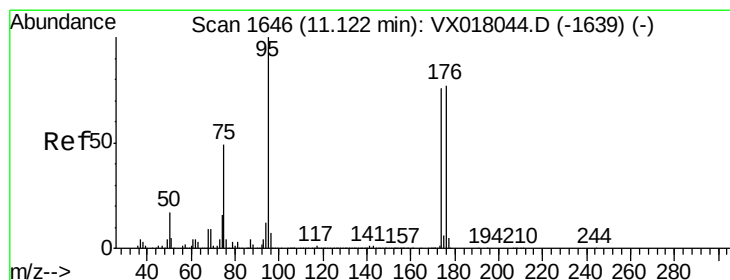
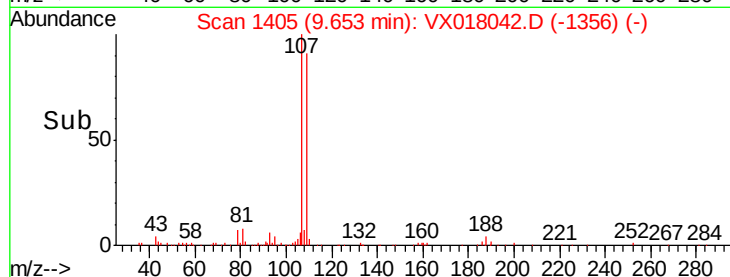
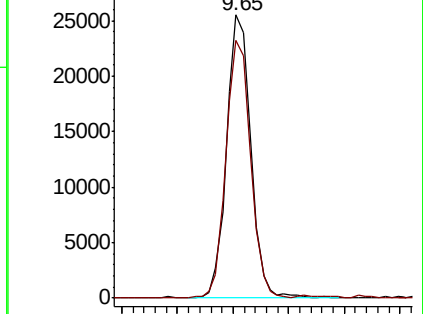
107 100

109 92.7 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.477 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

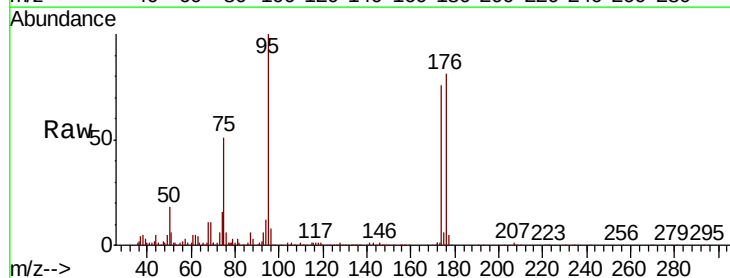
Tgt Ion: 95 Resp: 47421

Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.2

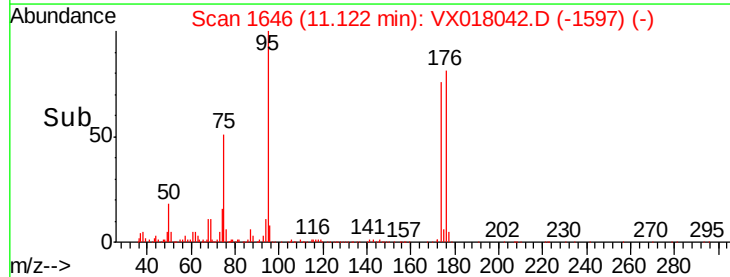
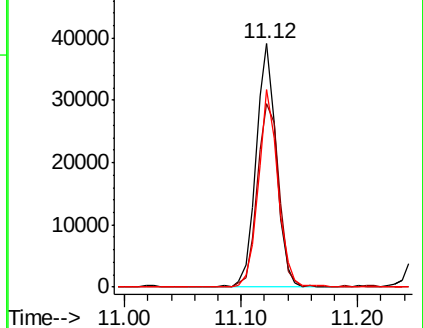
176 78.7 0.0 155.8

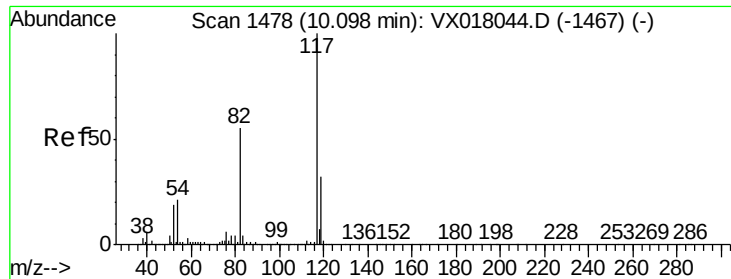


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

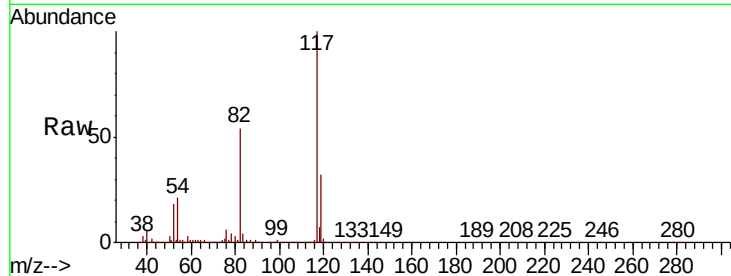




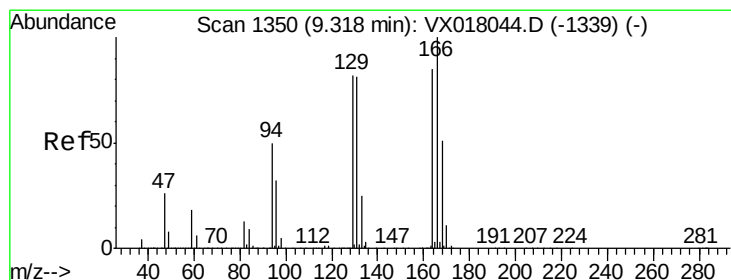
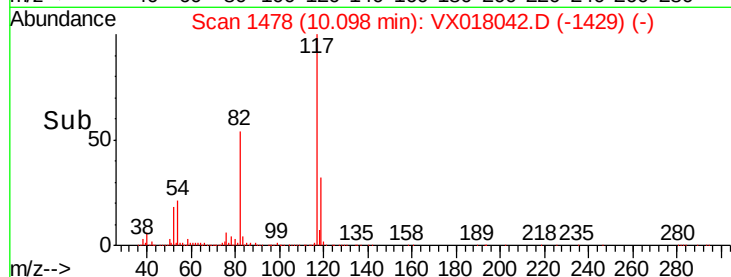
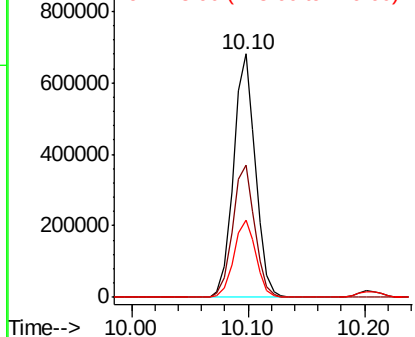
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 886353
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.6 25.7 38.5

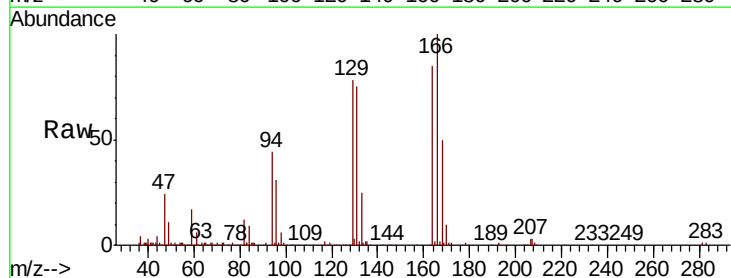


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

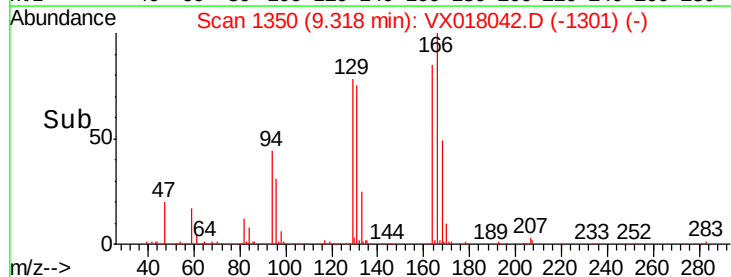
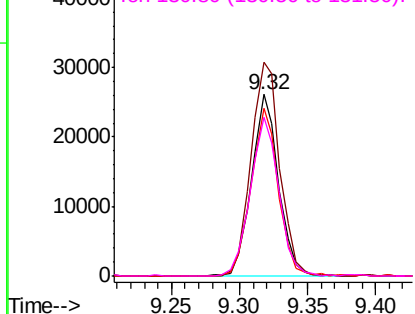


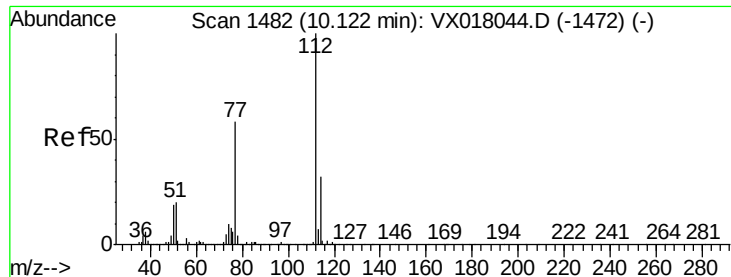
#64
Tetrachloroethene
Concen: 3.561 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion:164 Resp: 36321
Ion Ratio Lower Upper
164 100
166 117.8 94.2 141.2
129 92.5 76.9 115.3
131 87.8 76.1 114.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

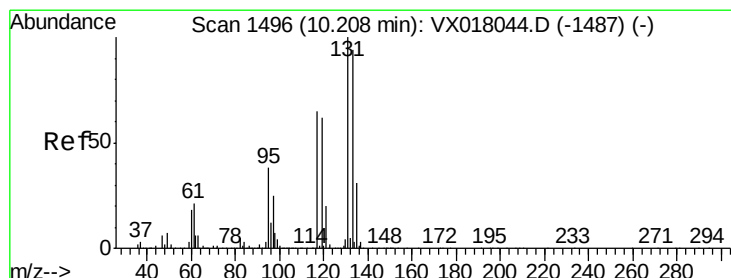
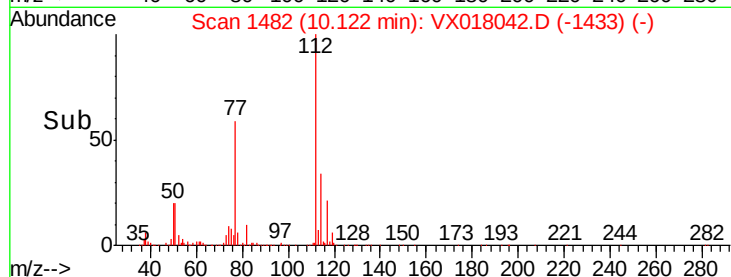
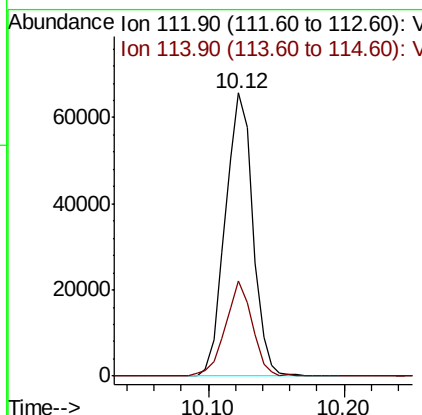
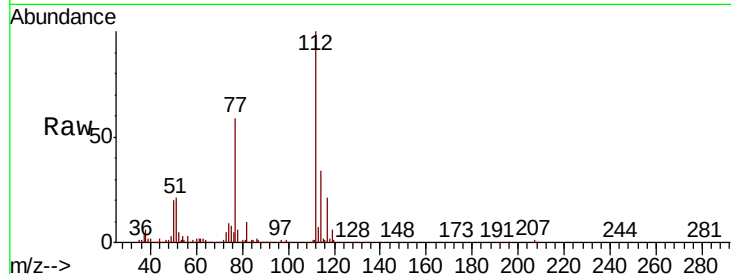




#65
Chlorobenzene
Concen: 5.010 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

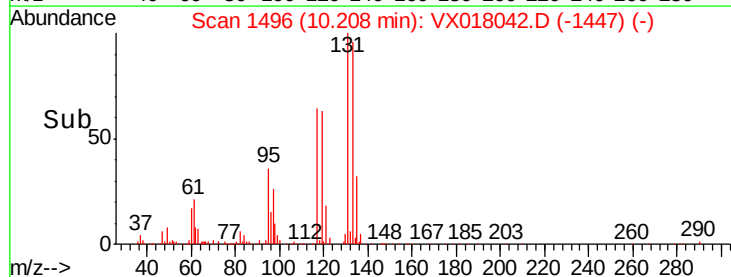
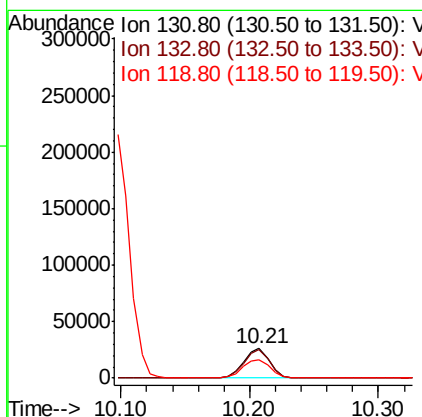
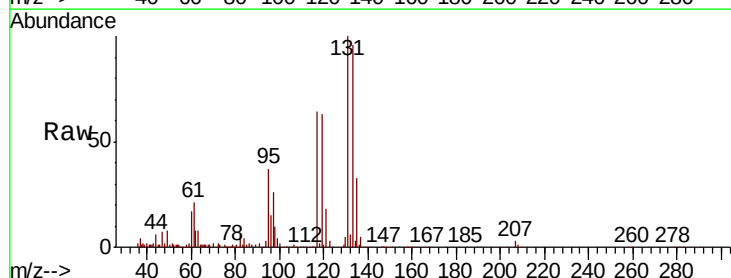
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

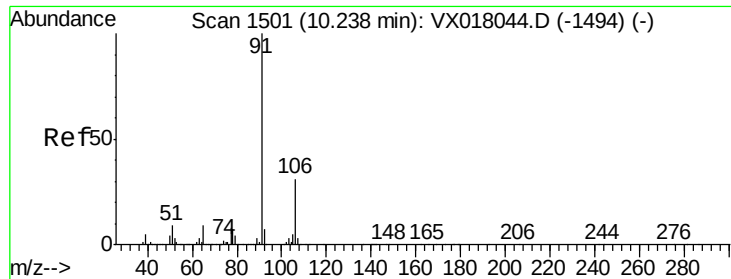
Tot Ion:112 Resp: 92582
Ion Ratio Lower Upper
112 100
114 33.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 5.220 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion:131 Resp: 35990
Ion Ratio Lower Upper
131 100
133 97.0 46.7 140.1
119 67.1 31.8 95.4

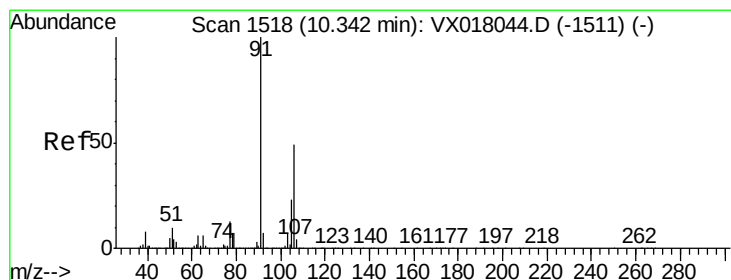
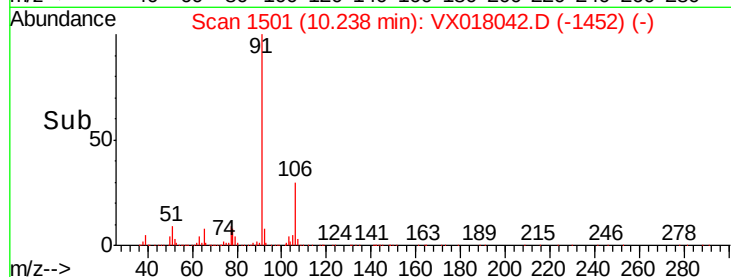
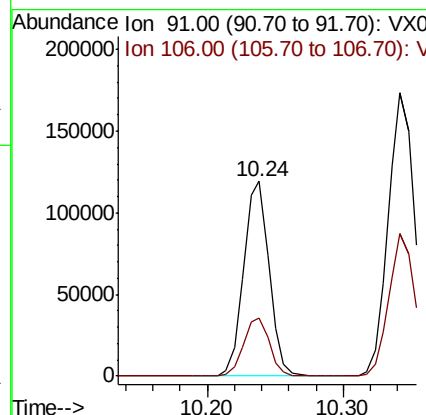
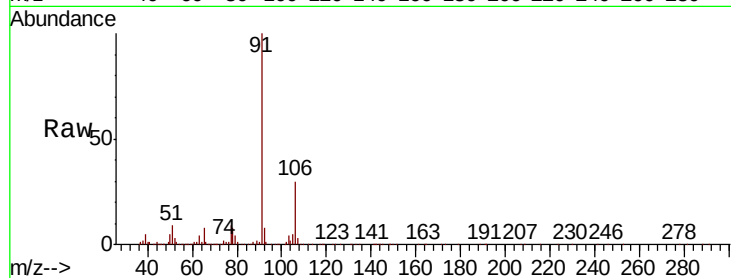




#67
Ethyl Benzene
Concen: 4.754 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

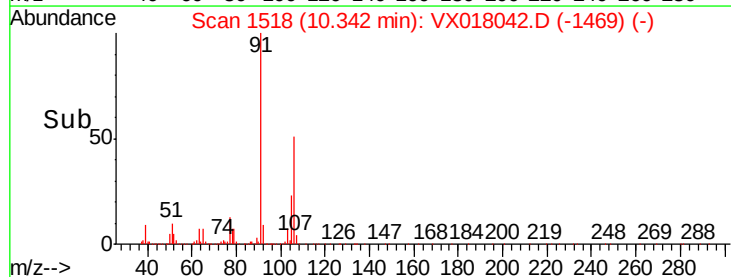
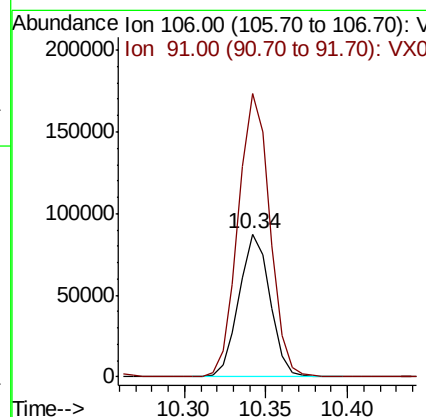
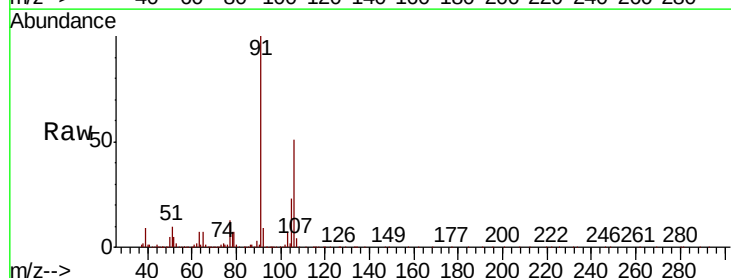
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

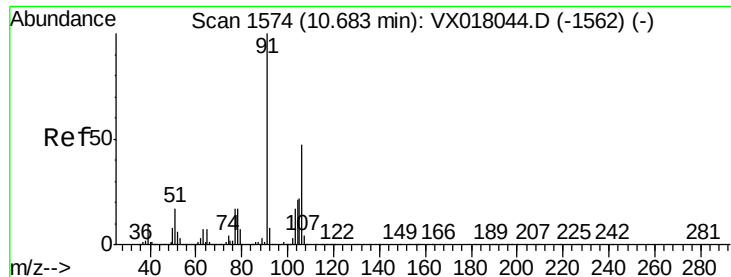
Tot Ion: 91 Resp: 155811
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3



#68
m/p-Xylenes
Concen: 9.428 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion: 106 Resp: 115824
Ion Ratio Lower Upper
106 100
91 203.7 162.2 243.2

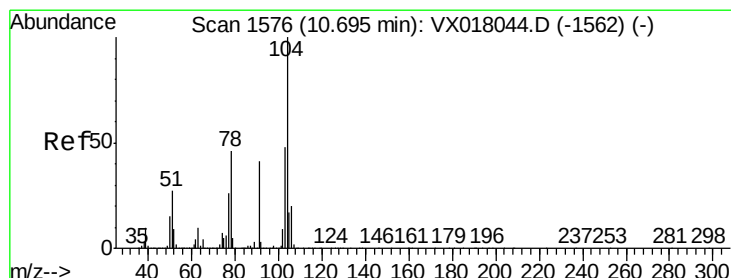
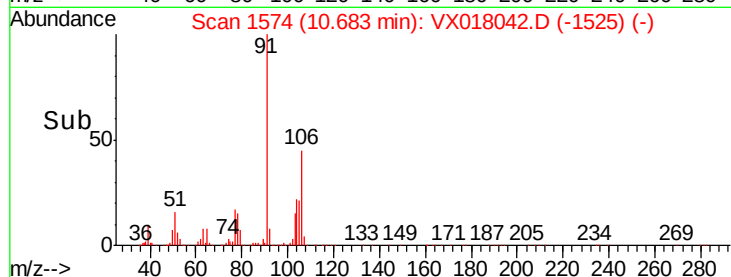
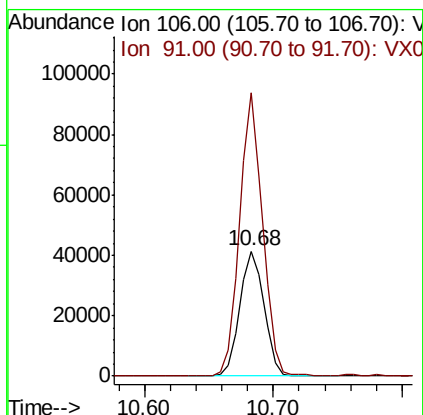
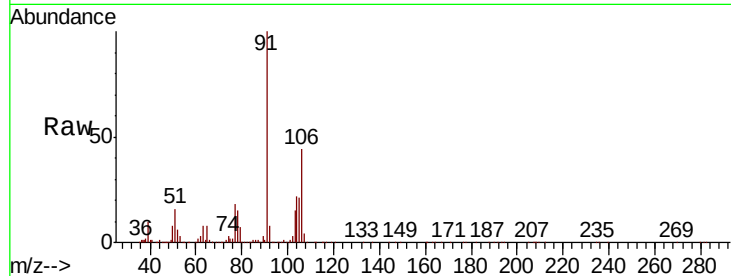




#69
o-Xylene
Concen: 4.577 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

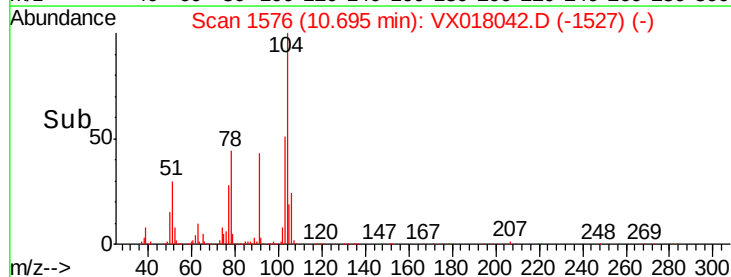
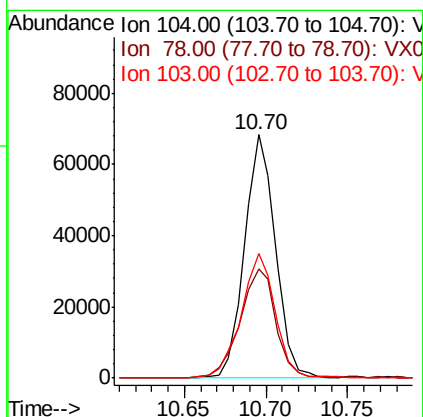
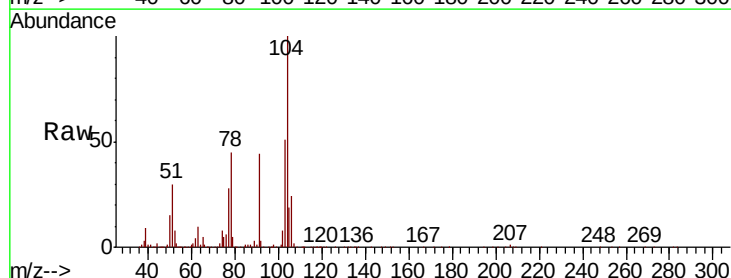
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

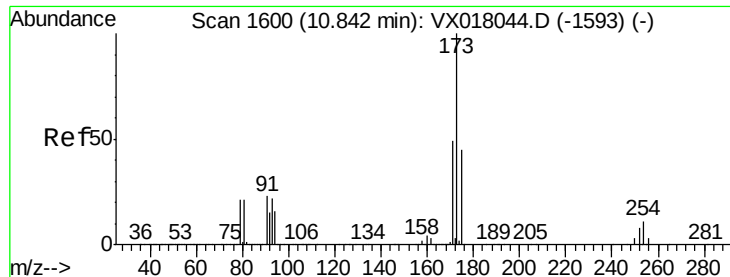
Tot Ion:106 Resp: 53952
Ion Ratio Lower Upper
106 100
91 213.0 107.1 321.3



#70
Styrene
Concen: 4.497 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion:104 Resp: 90201
Ion Ratio Lower Upper
104 100
78 51.2 40.9 61.3
103 56.8 43.6 65.4





#71

Bromoform

Concen: 5.242 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

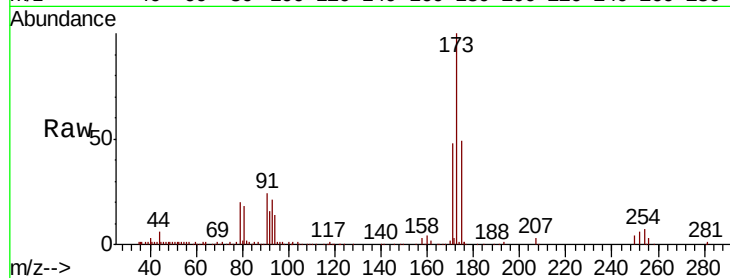
Tot Ion:173 Resp: 29577

Ion Ratio Lower Upper

173 100

175 51.1 23.9 71.8

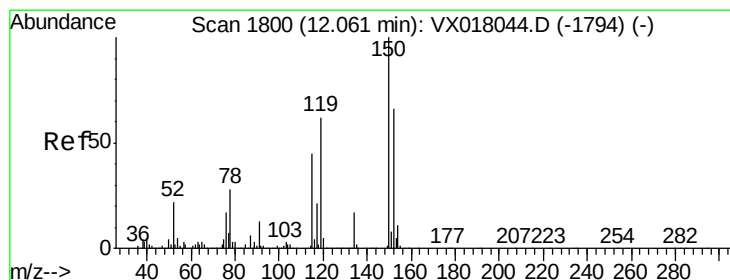
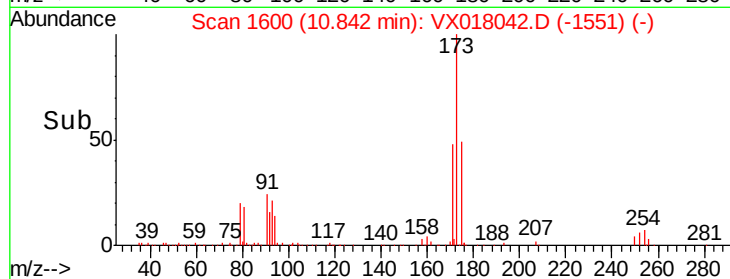
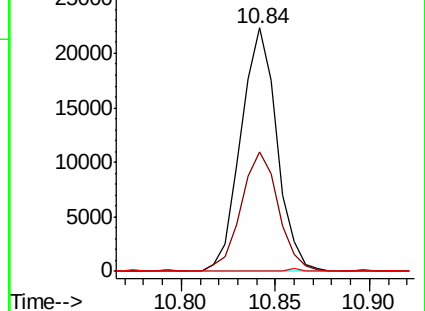
254 0.2 0.2 0.2



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: VX018042.D

Acq: 20 Aug 2020 19:22

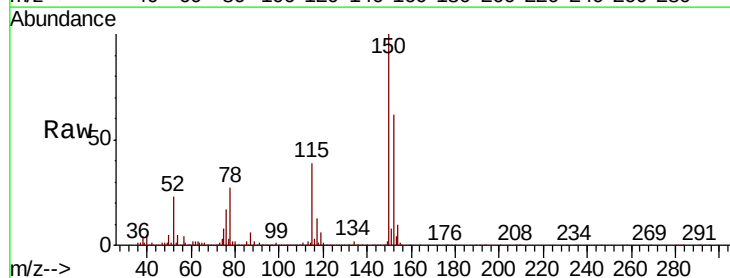
Tgt Ion:152 Resp: 423795

Ion Ratio Lower Upper

152 100

115 62.3 41.5 124.5

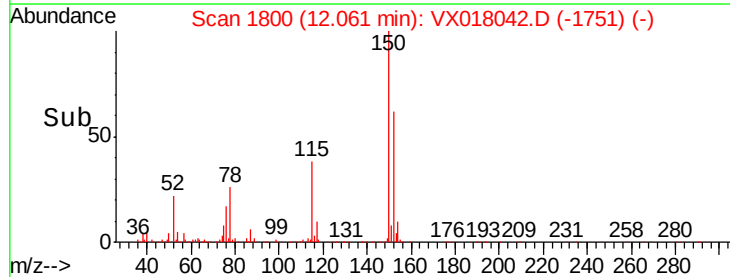
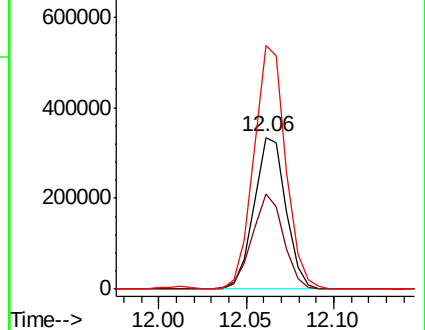
150 159.8 0.0 343.8

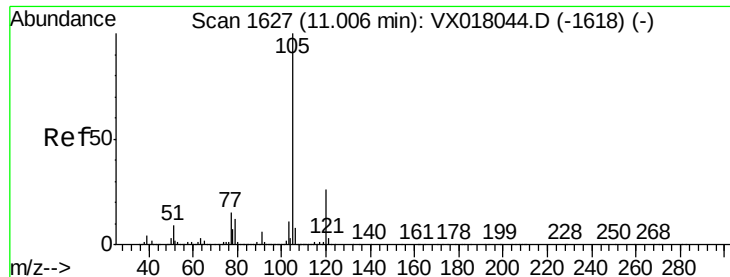


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.760 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

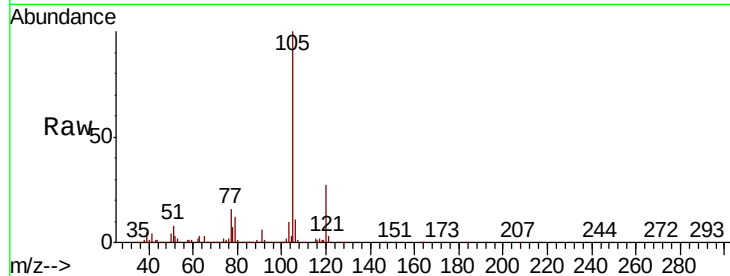
VSTDIC005

Tot Ion:105 Resp: 145360

Ion Ratio Lower Upper

105 100

120 27.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

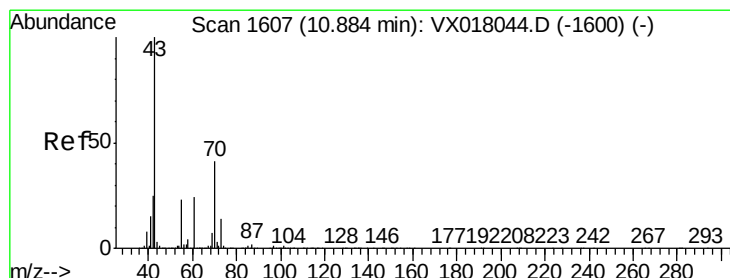
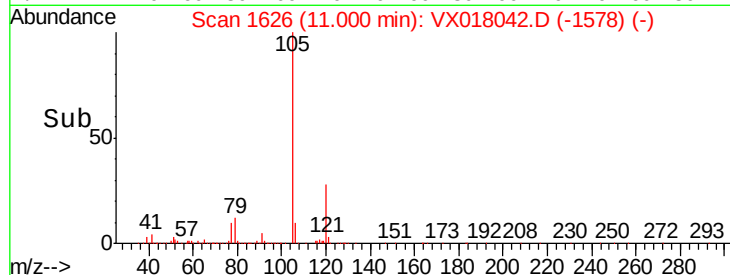
40000

20000

0

11.00

Time--> 10.90 11.00



#74

N-amyl acetate

Concen: 4.610 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Tgt Ion: 43 Resp: 66079

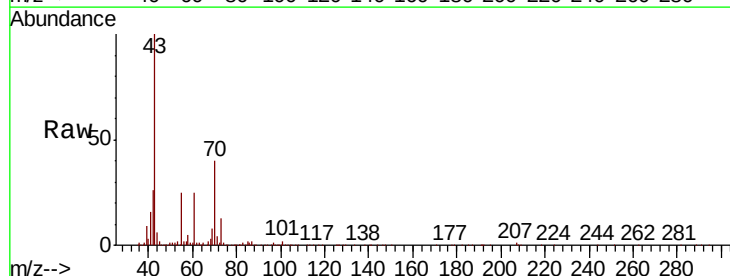
Ion Ratio Lower Upper

43 100

70 39.3 32.3 48.5

55 25.8 18.2 27.2

61 23.9 18.9 28.3



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

80000

60000

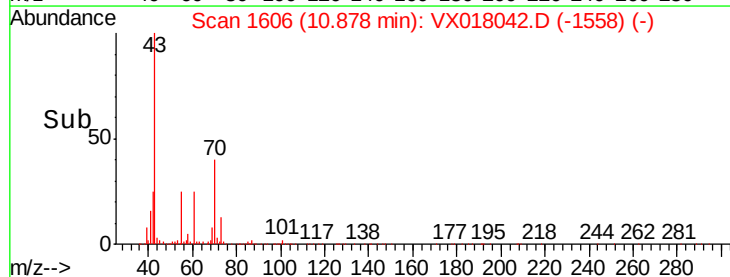
40000

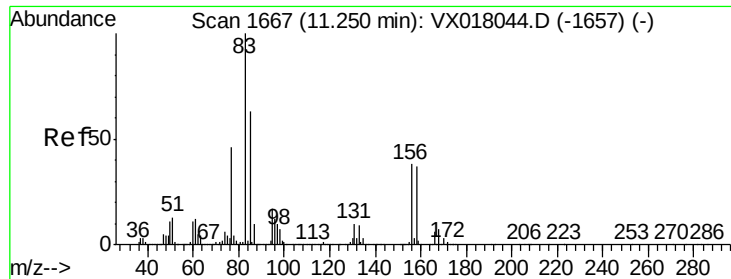
20000

0

10.88

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 8.938 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

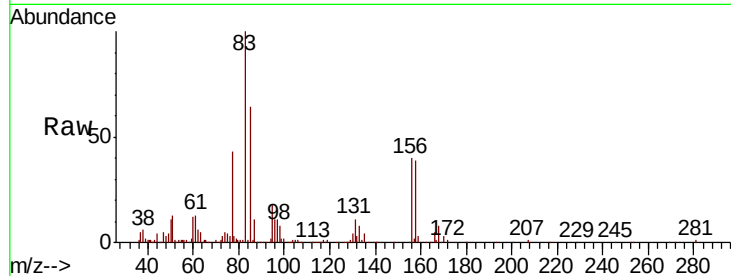
Tot Ion: 83 Resp: 53875

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

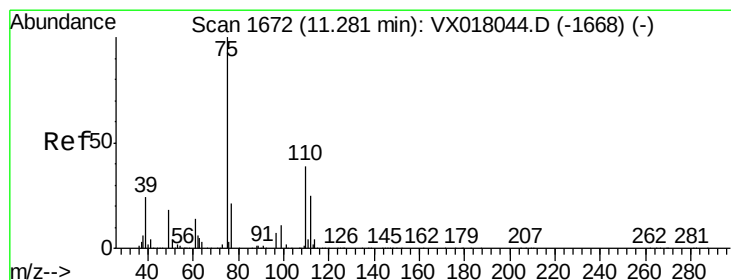
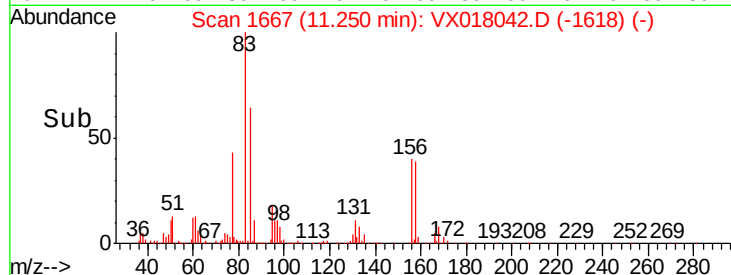
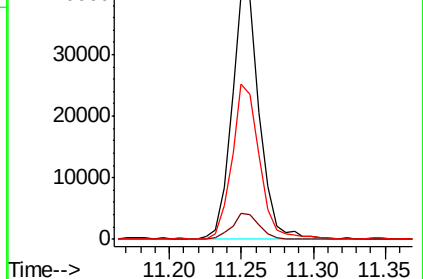
85 63.1 32.2 96.6



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: 6.613 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018042.D

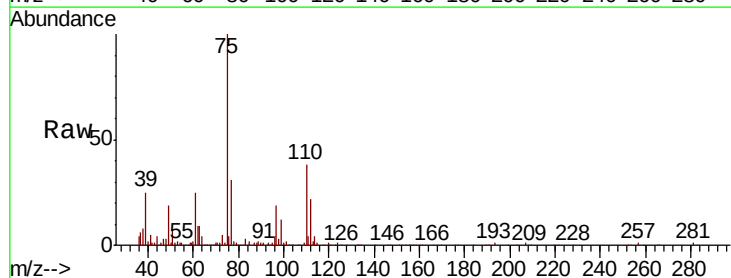
Acq: 20 Aug 2020 19:22

Tgt Ion: 75 Resp: 63171

Ion Ratio Lower Upper

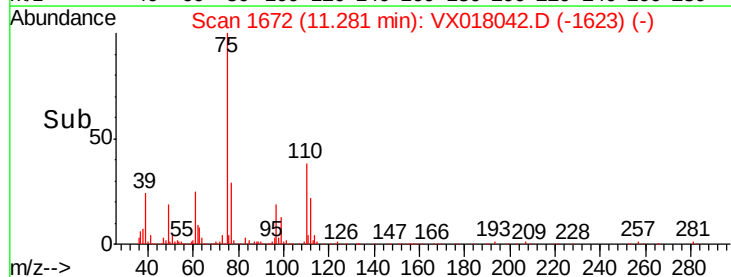
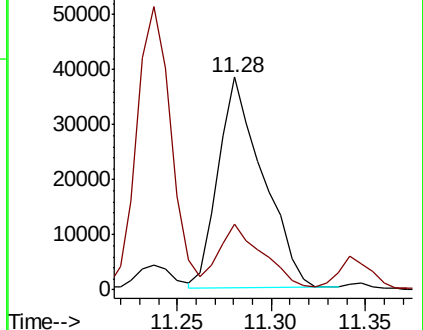
75 100

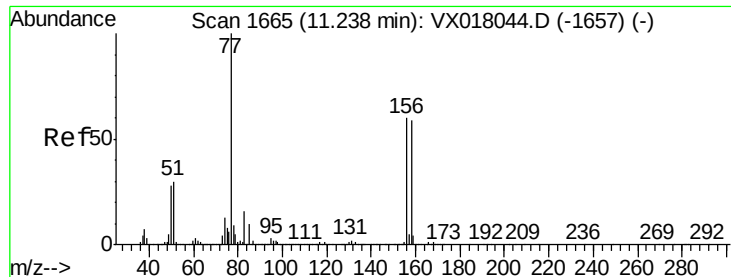
77 30.8 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.263 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

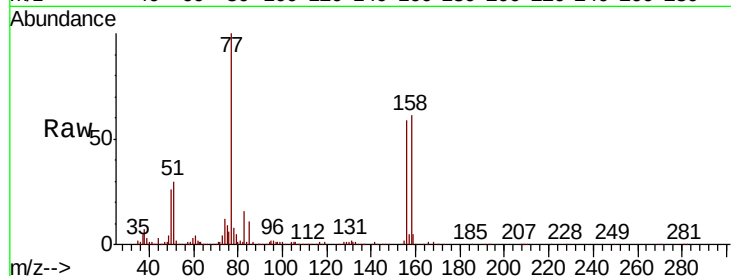
Tot Ion:156 Resp: 41784

Ion Ratio Lower Upper

156 100

77 157.1 80.0 240.2

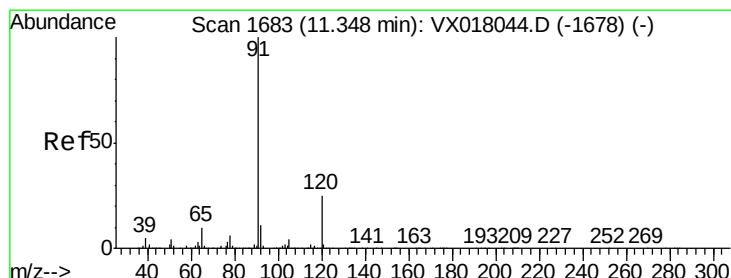
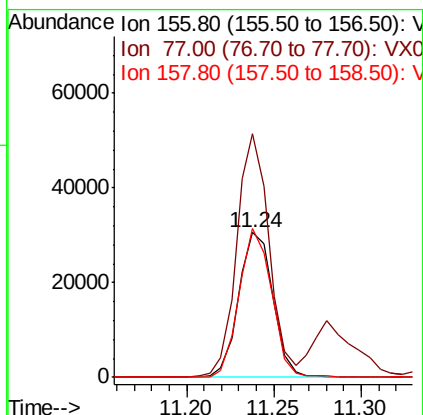
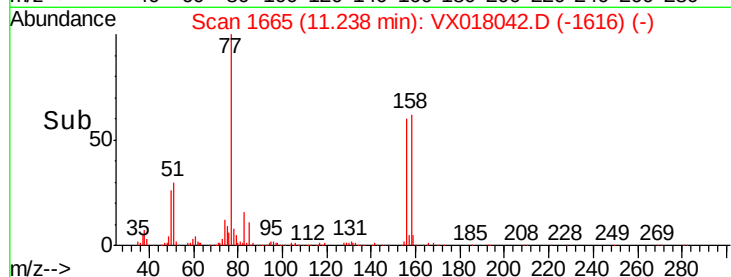
158 97.3 49.5 148.7



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: 4.576 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018042.D

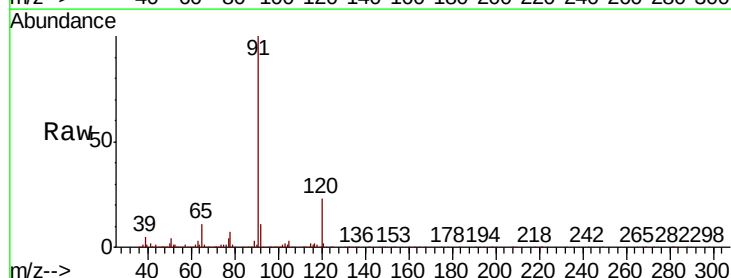
Acq: 20 Aug 2020 19:22

Tgt Ion: 91 Resp: 162188

Ion Ratio Lower Upper

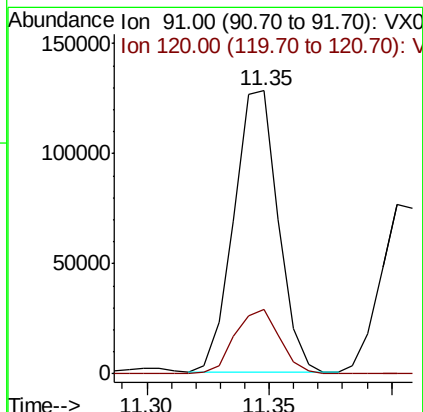
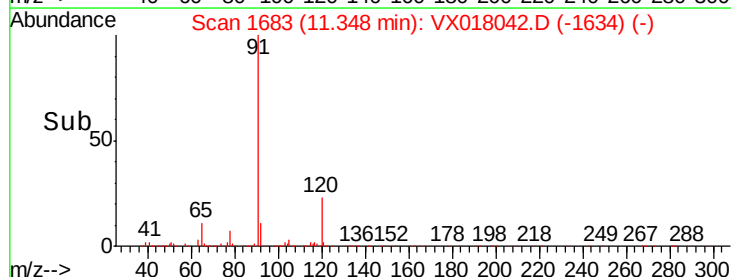
91 100

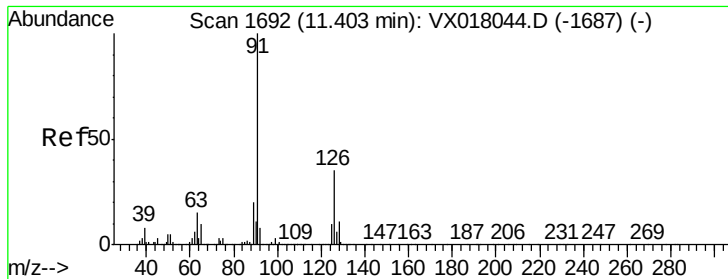
120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.832 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

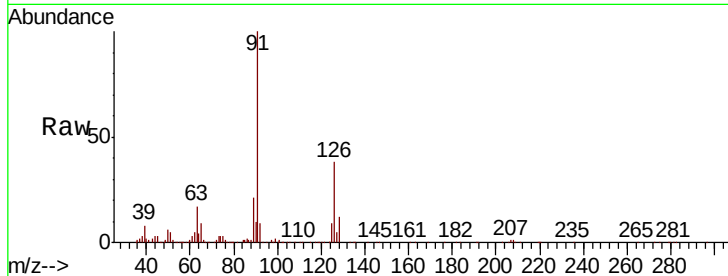
VSTDIC005

Tot Ion: 91 Resp: 101923

Ion Ratio Lower Upper

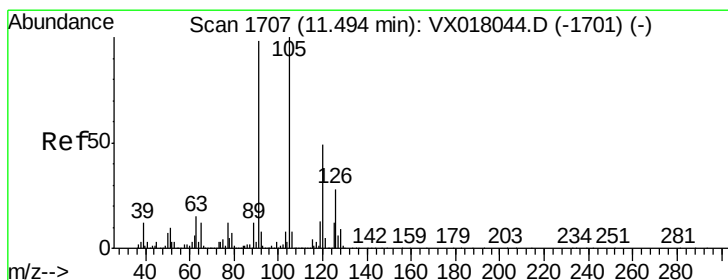
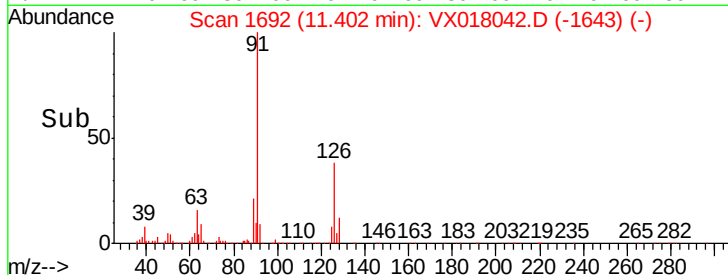
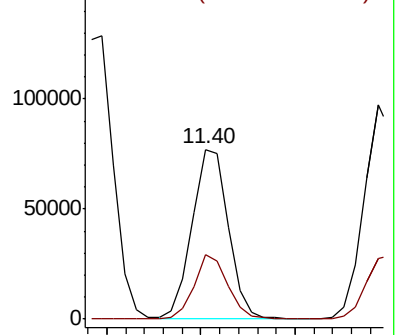
91 100

126 35.7 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.553 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018042.D

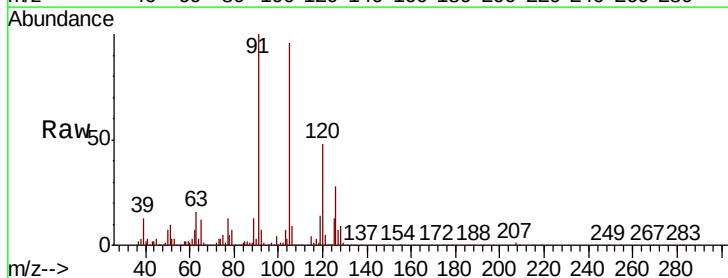
Acq: 20 Aug 2020 19:22

Tgt Ion: 105 Resp: 117447

Ion Ratio Lower Upper

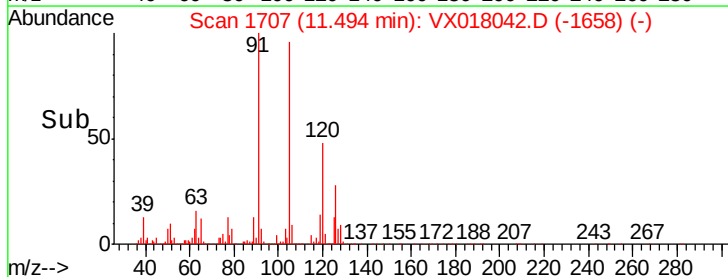
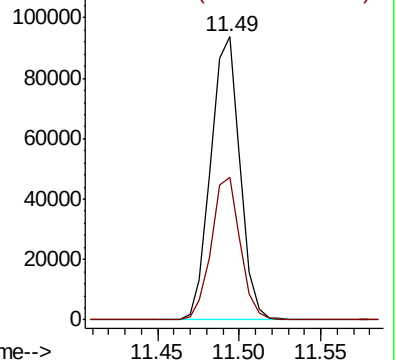
105 100

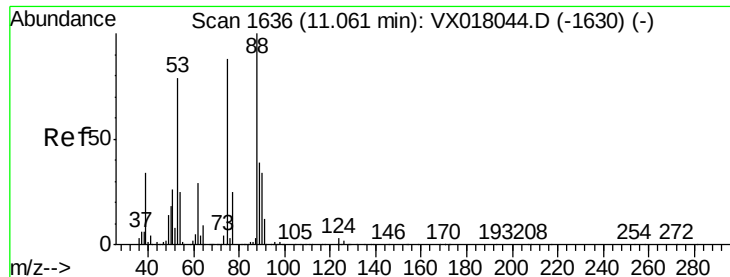
120 50.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.307 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

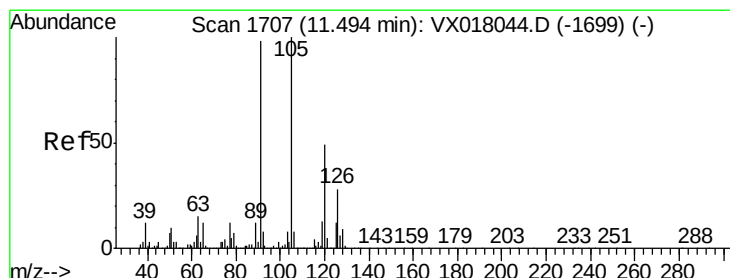
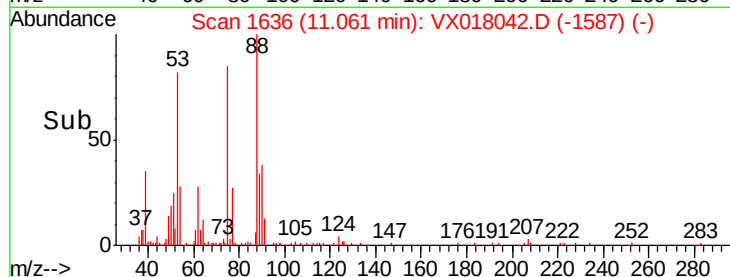
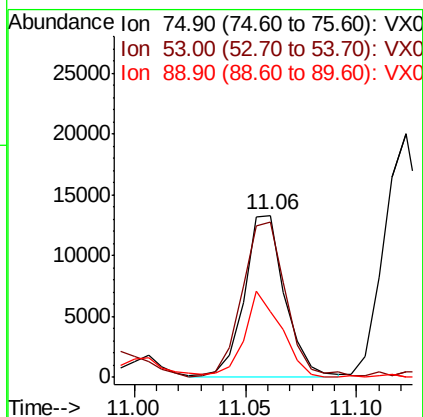
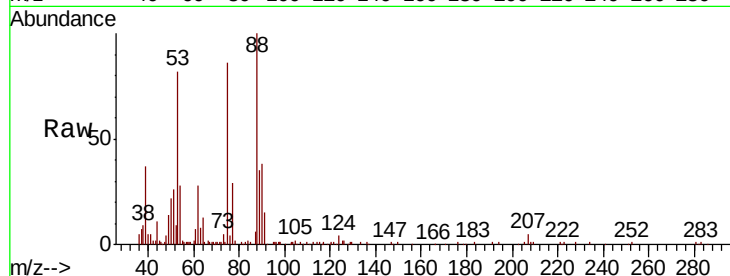
Tot Ion: 75 Resp: 16882

Ion Ratio Lower Upper

75 100

53 102.6 74.7 112.1

89 48.2 36.6 54.8



#82

4-Chlorotoluene

Concen: 4.943 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018042.D

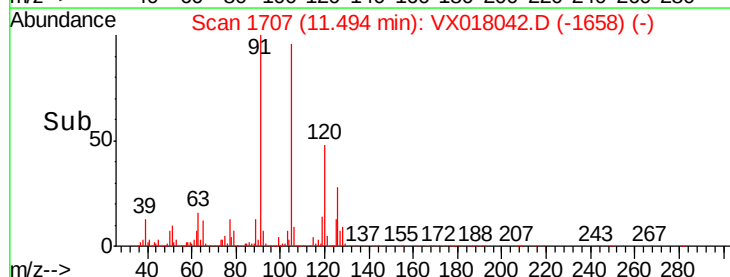
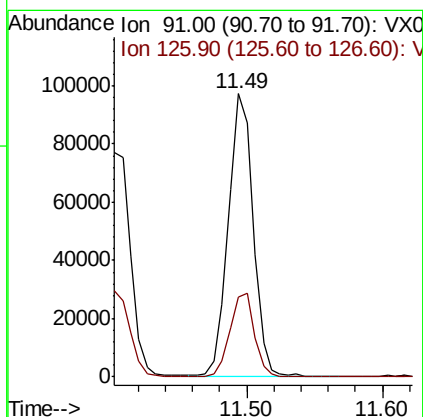
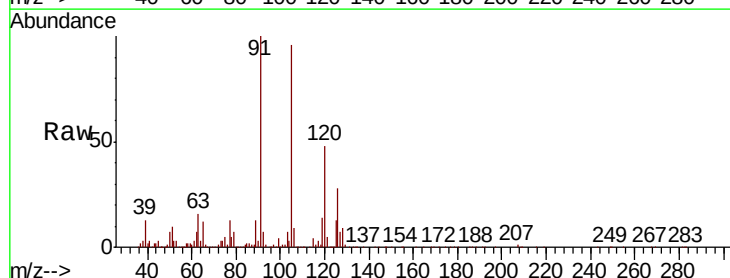
Acq: 20 Aug 2020 19:22

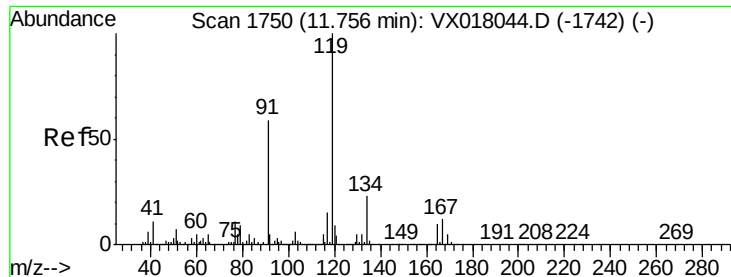
Tgt Ion: 91 Resp: 122960

Ion Ratio Lower Upper

91 100

126 29.8 15.1 45.3





#83

tert-Butylbenzene

Concen: 5.016 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

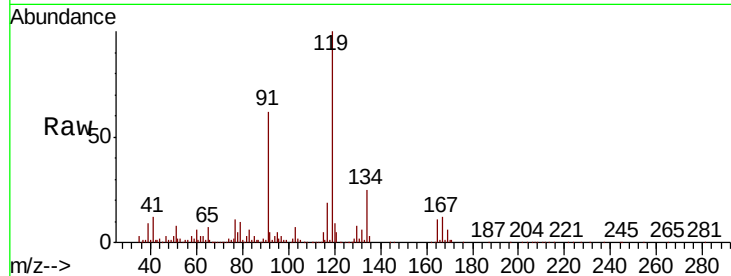
Tot Ion:119 Resp: 113718

Ion Ratio Lower Upper

119 100

91 59.9 28.2 84.7

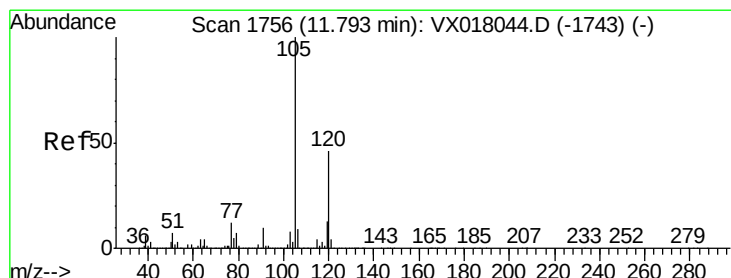
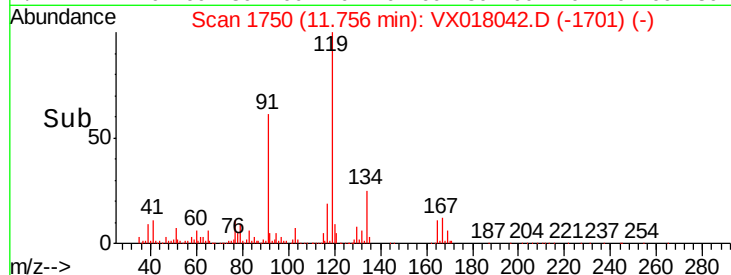
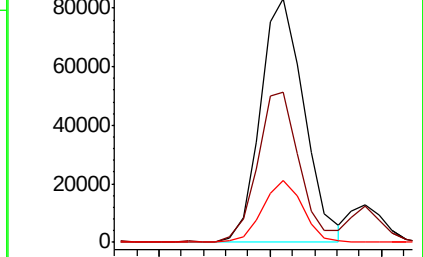
134 23.4 11.3 33.8



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: 4.618 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018042.D

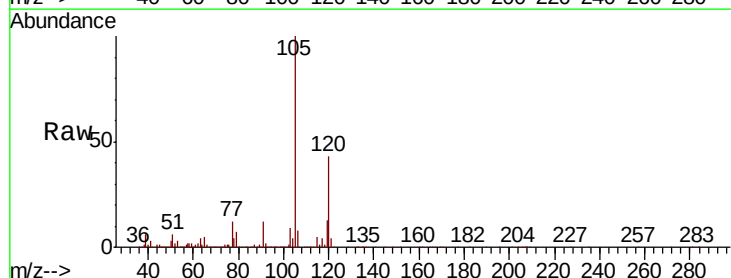
Acq: 20 Aug 2020 19:22

Tgt Ion:105 Resp: 120530

Ion Ratio Lower Upper

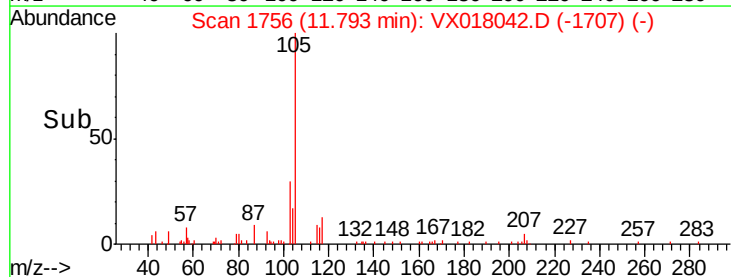
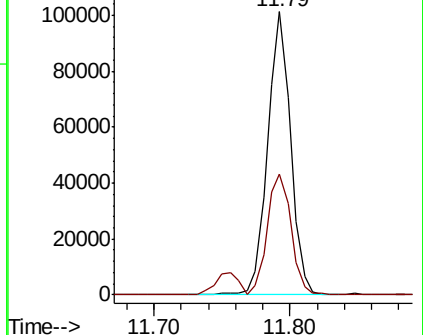
105 100

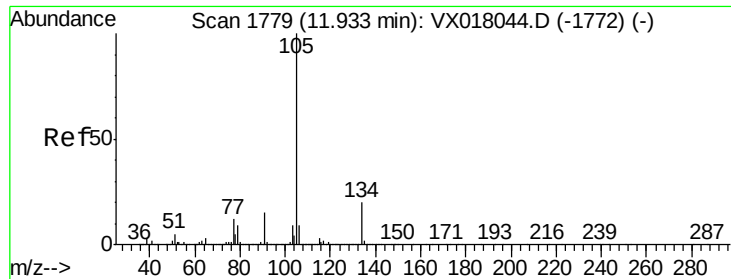
120 44.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.403 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

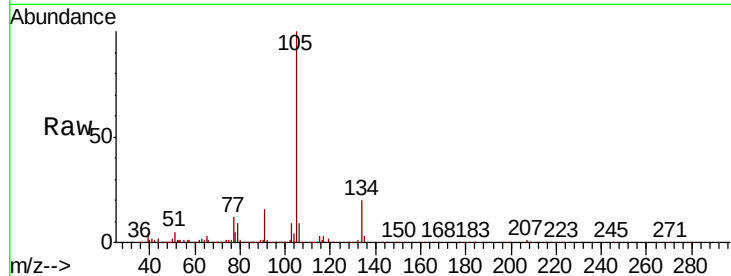
VSTDIC005

Tot Ion:105 Resp: 131274

Ion Ratio Lower Upper

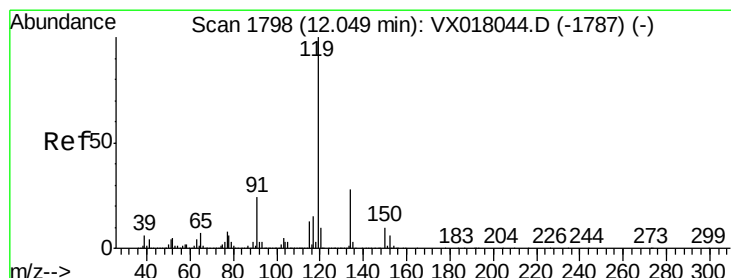
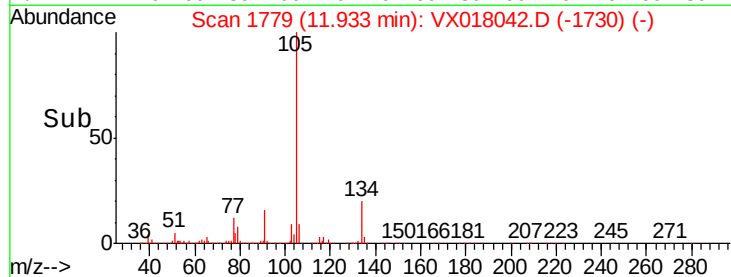
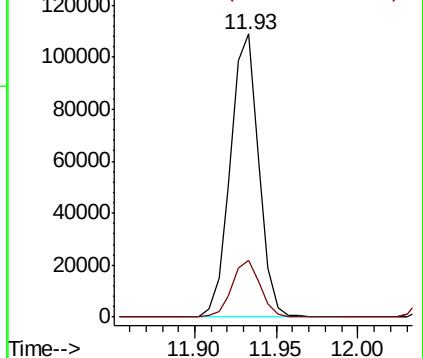
105 100

134 20.2 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: 4.239 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

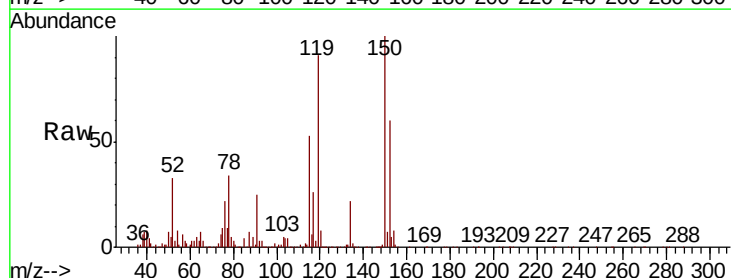
Tgt Ion:119 Resp: 117339

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

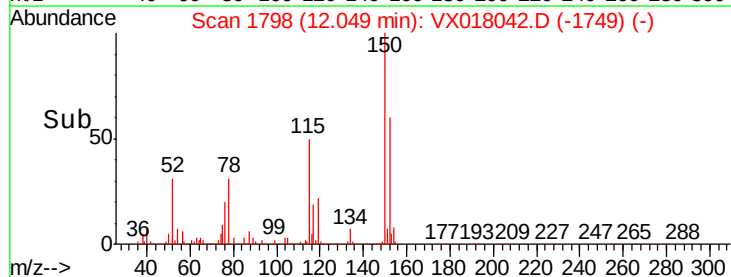
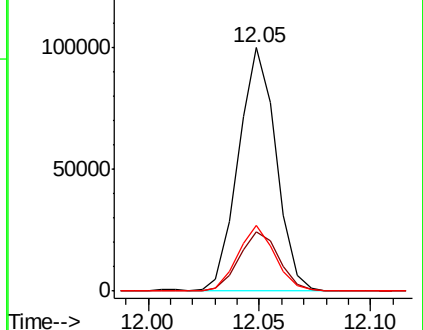
91 26.7 11.8 35.4

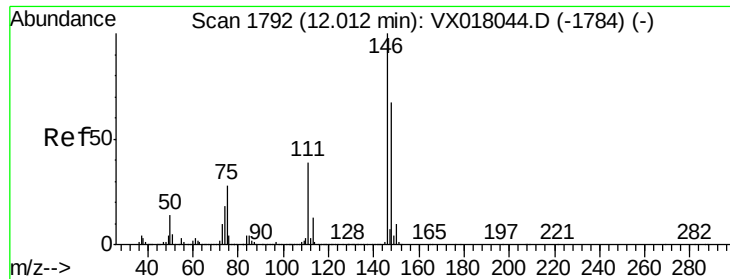


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

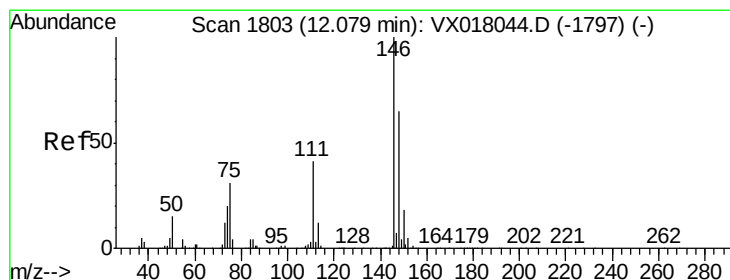
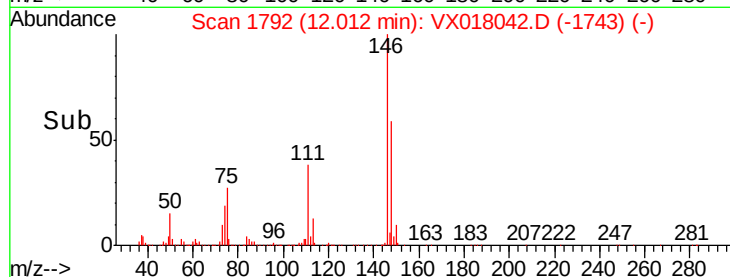
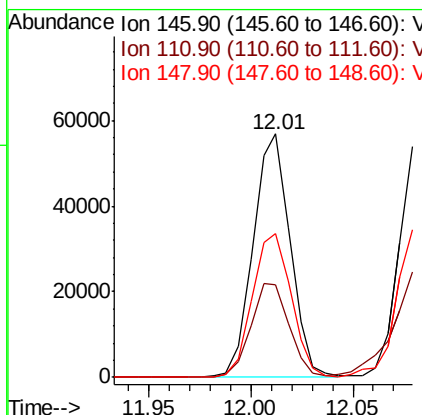
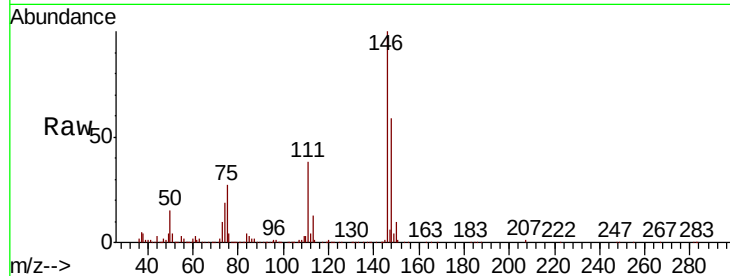




#87
 1,3-Dichlorobenzene
 Concen: 5.060 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

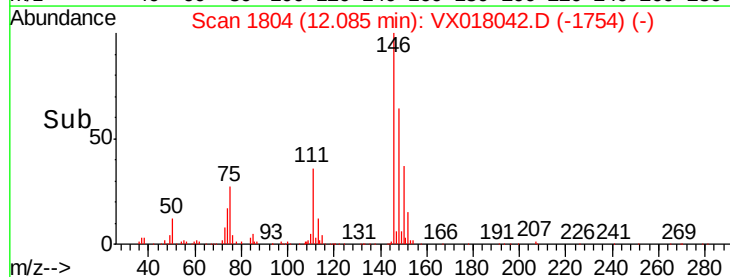
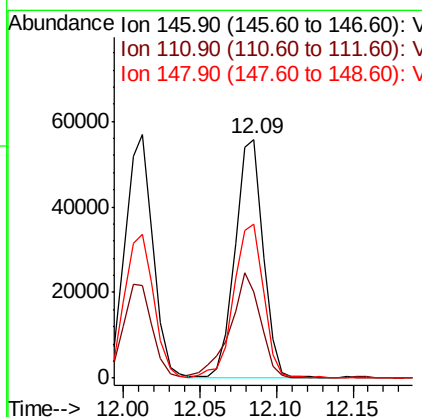
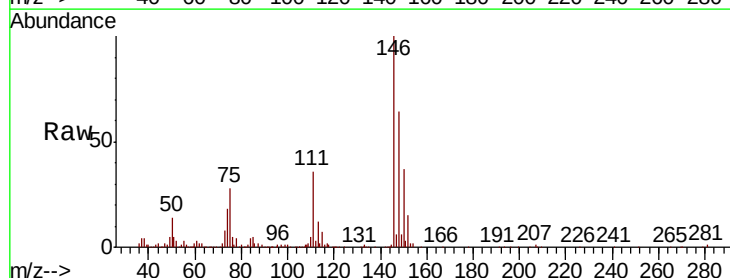
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

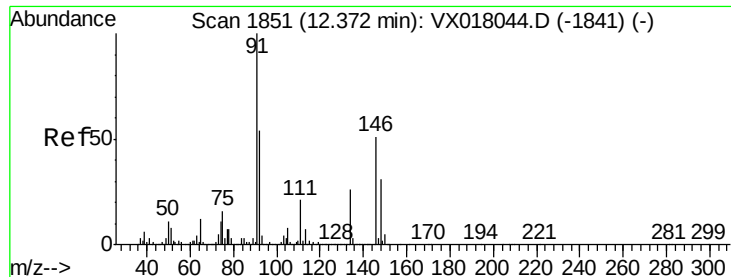
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	62.1	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 4.912 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.6	20.3	60.8
148	69.3	33.1	99.2

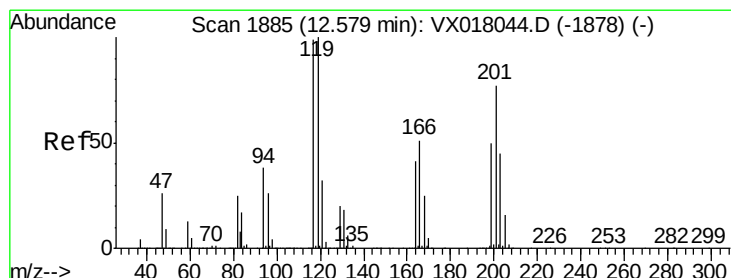
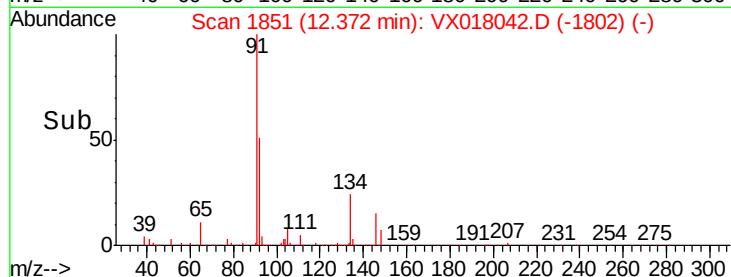
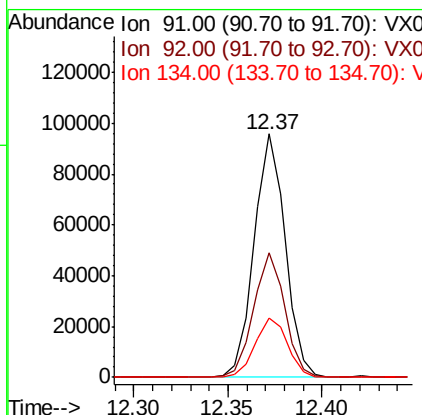
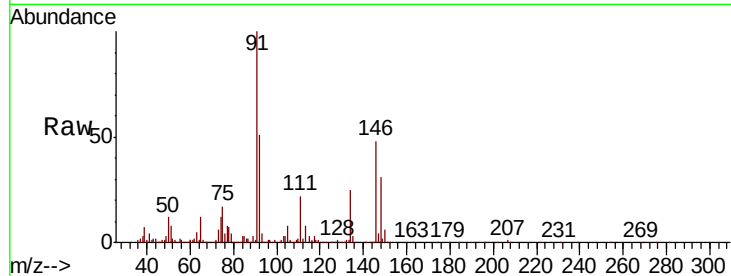




#89
n-Butylbenzene
Concen: 4.353 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

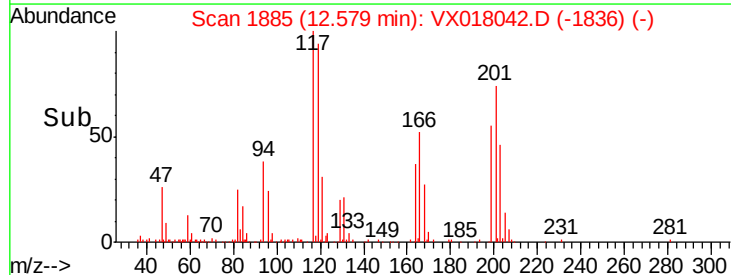
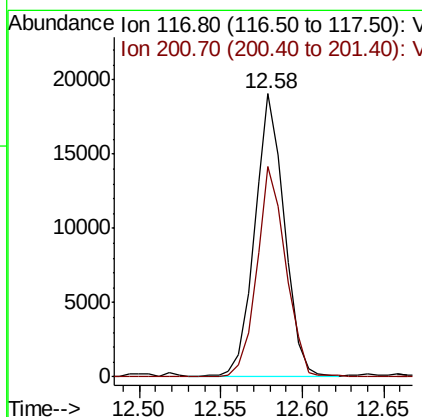
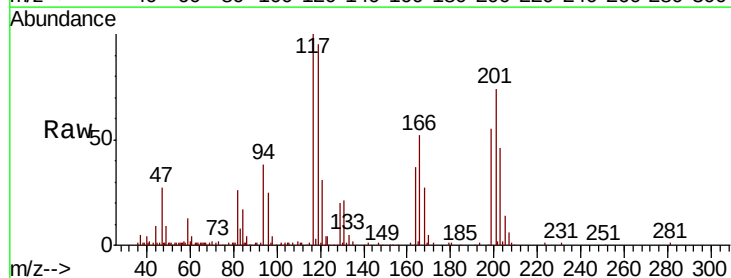
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

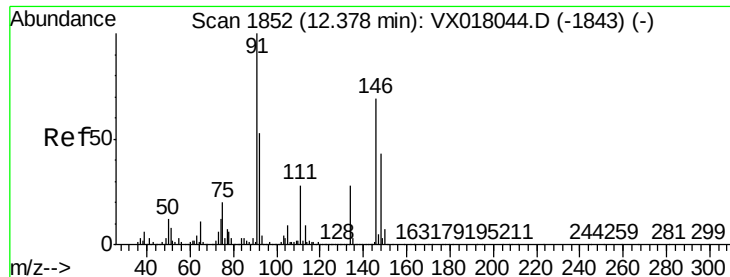
Tot Ion: 91 Resp: 109862
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.2
134 25.6 12.9 38.7



#90
Hexachloroethane
Concen: 4.992 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018042.D
Acq: 20 Aug 2020 19:22

Tgt Ion: 117 Resp: 24058
Ion Ratio Lower Upper
117 100
201 72.6 38.5 115.3

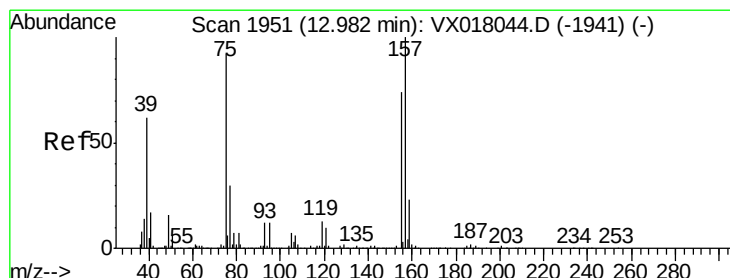
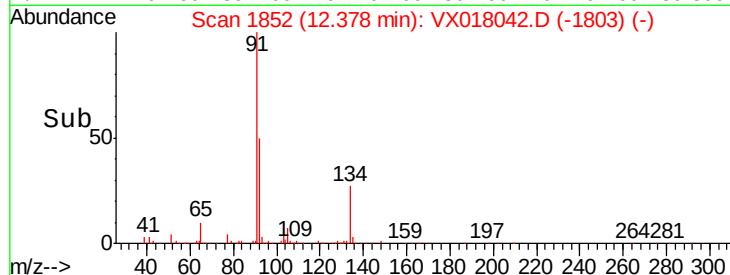
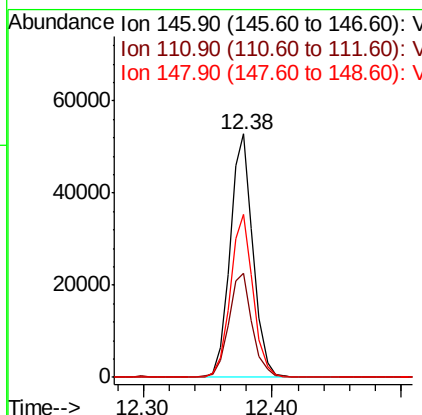
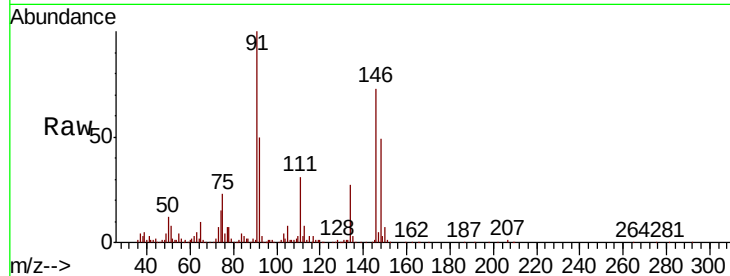




#91
 1,2-Dichlorobenzene
 Concen: 4.777 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

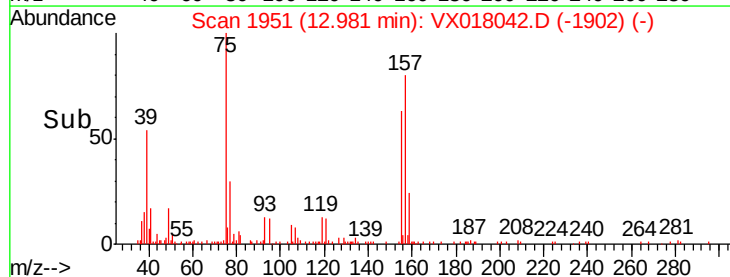
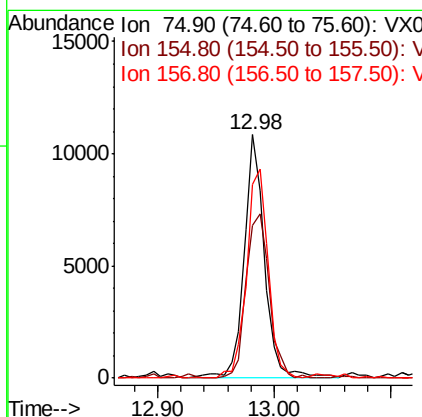
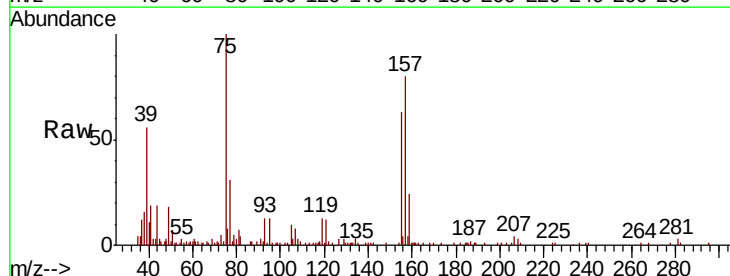
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

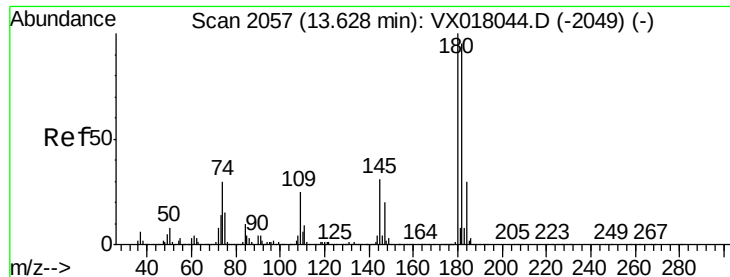
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	20.8	62.5
148	66.7	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.273 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	40.2	120.6
157	90.5	55.0	165.2

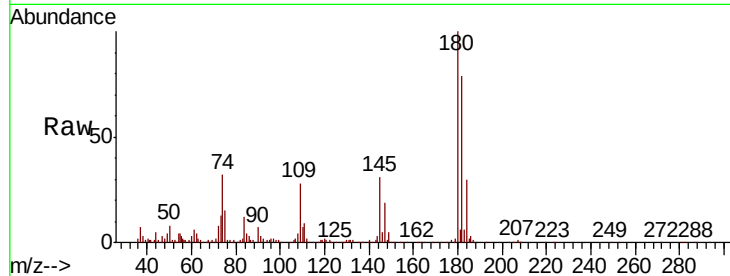




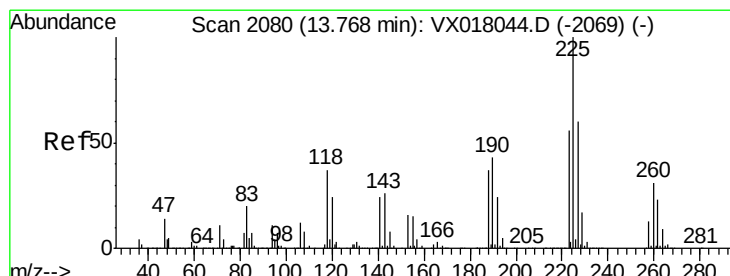
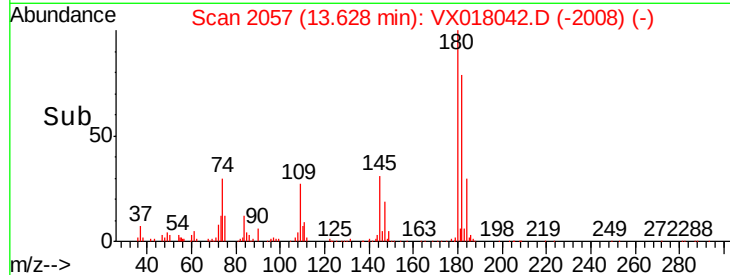
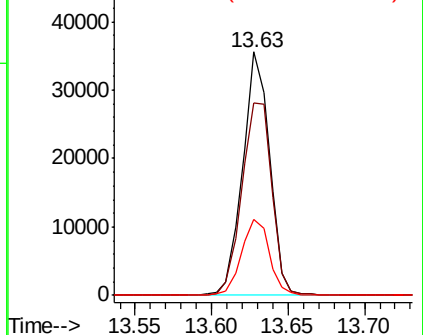
#93
 1,2,4-Trichlorobenzene
 Concen: 4.351 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.8	47.5	142.6
145	32.2	15.7	47.1

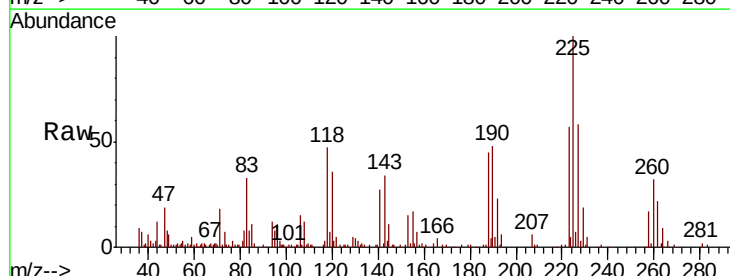


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

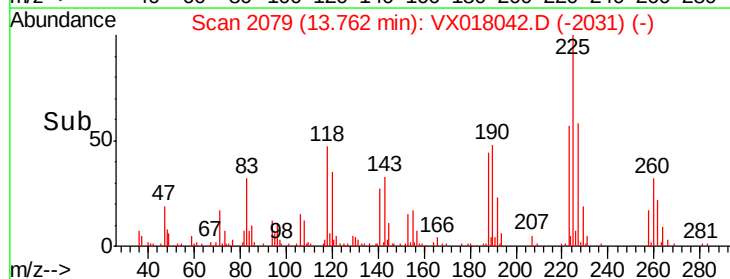
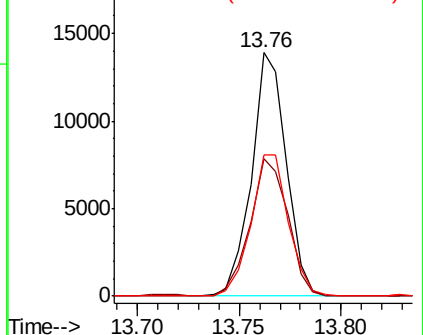


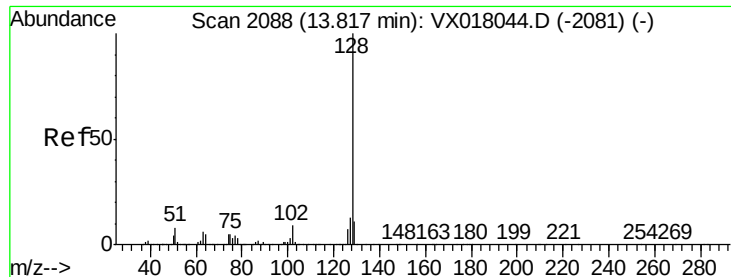
#94
 Hexachlorobutadiene
 Concen: 3.633 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018042.D
 Acq: 20 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.7	92.1
227	62.9	32.6	97.8



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





#95

Naphthalene

Concen: 4.206 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018042.D

Acq: 20 Aug 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

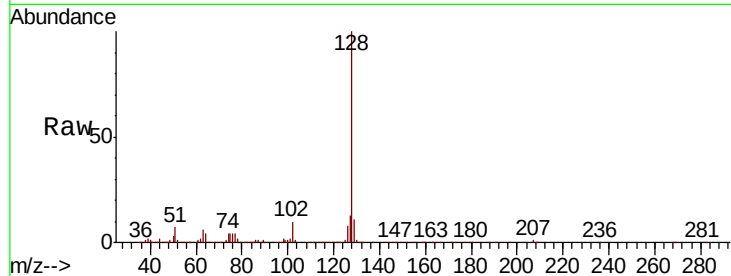
Tot Ion:128 Resp: 136473

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.8 8.7 13.1

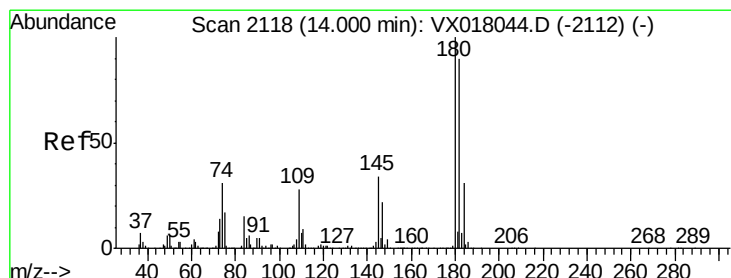
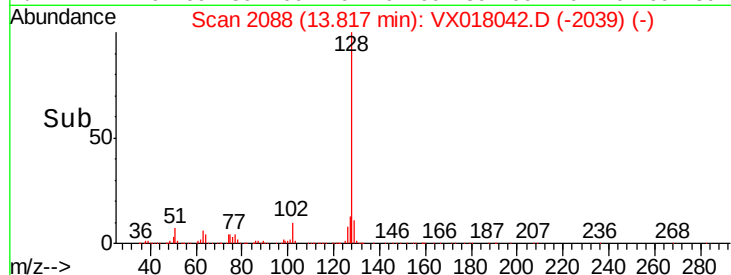
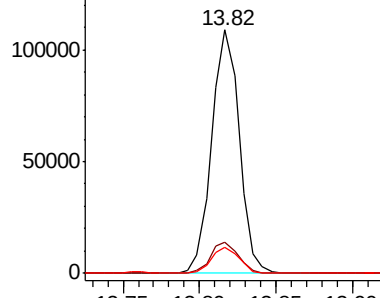


Abundance

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: 4.380 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018042.D

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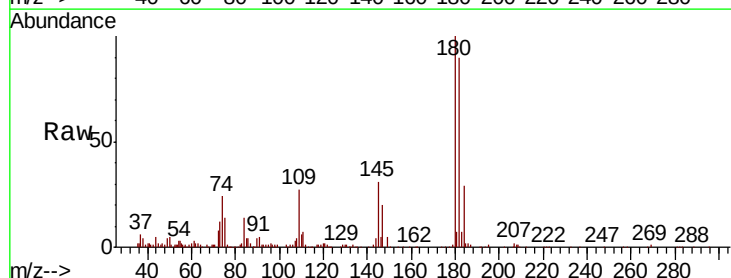
Tgt Ion:180 Resp: 42613

Ion Ratio Lower Upper

180 100

182 90.7 47.3 142.0

145 33.6 17.5 52.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

