

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018041.D
 Acq On : 20 Aug 2020 18:36
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Aug 21 03:02:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	614417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	984926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	946343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	458970	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	12355	1.45	ug/l	0.00
Spiked Amount			Recovery	=	2.90%	
35) Dibromofluoromethane	5.47	113	8354	1.25	ug/l	0.00
Spiked Amount			Recovery	=	2.50%	
50) Toluene-d8	8.70	98	28295	1.13	ug/l	0.00
Spiked Amount			Recovery	=	2.26%	
62) 4-Bromofluorobenzene	11.12	95	14993	1.53	ug/l	0.00
Spiked Amount			Recovery	=	3.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	6778	0.895	ug/l	93
3) Chloromethane	1.31	50	8459	1.087	ug/l	92
4) Vinyl Chloride	1.39	62	7962	1.036	ug/l	98
5) Bromomethane	1.64	94	4214	1.113	ug/l #	62
6) Chloroethane	1.72	64	3925	0.946	ug/l	96
7) Trichlorofluoromethane	1.92	101	9911	0.915	ug/l	88
8) Diethyl Ether	2.17	74	3660	1.012	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	5802	0.994	ug/l	98
10) Methyl Iodide	2.50	142	3985	0.740	ug/l #	96
11) Tert butyl alcohol	3.02	59	7978	4.810	ug/l #	90
12) 1,1-Dichloroethene	2.36	96	6349	1.068	ug/l #	74
13) Acrolein	2.28	56	5088	7.399	ug/l	92
14) Allyl chloride	2.71	41	9774	0.898	ug/l #	80
15) Acrylonitrile	3.12	53	18398	4.888	ug/l	97
16) Acetone	2.42	43	18982	5.774	ug/l	98
17) Carbon Disulfide	2.55	76	22132	1.231	ug/l	97
18) Methyl Acetate	2.75	43	7115	0.873	ug/l #	78
19) Methyl tert-butyl Ether	3.17	73	19437	0.951	ug/l #	85
20) Methylene Chloride	2.84	84	9915	1.285	ug/l #	83
21) trans-1,2-Dichloroethene	3.14	96	7291	1.096	ug/l	84
22) Diisopropyl ether	3.82	45	19898	0.938	ug/l #	76
23) Vinyl Acetate	3.79	43	82136	4.332	ug/l	97
24) 1,1-Dichloroethane	3.67	63	11510	0.942	ug/l #	95
25) 2-Butanone	4.64	43	26208	4.731	ug/l #	82
27) cis-1,2-Dichloroethene	4.57	96	8403	1.100	ug/l	91
28) Bromochloromethane	4.98	49	6677	1.172	ug/l #	65
29) Tetrahydrofuran	5.10	42	15959	4.567	ug/l	95
30) Chloroform	5.17	83	12793	1.025	ug/l	93
31) Cyclohexane	5.56	56	9850	0.965	ug/l #	85
32) 1,1,1-Trichloroethane	5.46	97	11887	1.034	ug/l #	47
36) 1,1-Dichloropropene	5.77	75	9256	1.004	ug/l	94
37) Ethyl Acetate	4.81	43	9889	0.917	ug/l #	77
38) Carbon Tetrachloride	5.76	117	10016	0.981	ug/l	91
39) Methylcyclohexane	7.43	83	9885	1.006	ug/l #	77

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.11	78	26602	1.000	ug/l #	85
41) Methacrylonitrile	5.01	41	2363	0.428	ug/l #	34
42) 1,2-Dichloroethane	6.17	62	10208	0.998	ug/l	89
44) Trichloroethene	7.20	130	7440	0.969	ug/l	93
45) 1,2-Dichloropropane	7.50	63	6616	0.896	ug/l	96
46) Dibromomethane	7.63	93	5228	1.038	ug/l	99
47) Bromodichloromethane	7.88	83	9359	0.916	ug/l	87
48) Methyl methacrylate	7.75	41	7841	0.933	ug/l	89
49) 1,4-Dioxane	7.73	88	2901	18.728	ug/l #	49
51) 4-Methyl-2-Pentanone	8.62	43	45734	4.350	ug/l	98
52) Toluene	8.76	92	16300	0.971	ug/l	86
53) t-1,3-Dichloropropene	9.02	75	10129	0.911	ug/l	89
54) cis-1,3-Dichloropropene	8.42	75	11175	0.955	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	6861	0.947	ug/l	93
56) Ethyl methacrylate	9.16	69	9261	0.864	ug/l	90
57) 1,3-Dichloropropane	9.35	76	10696	0.898	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.29	63	20065	4.111	ug/l	99
59) 2-Hexanone	9.48	43	33154	4.112	ug/l	95
60) Dibromochloromethane	9.57	129	7803	0.929	ug/l	94
61) 1,2-Dibromoethane	9.65	107	7323	0.935	ug/l	99
64) Tetrachloroethene	9.32	164	7696	1.125	ug/l	91
65) Chlorobenzene	10.12	112	17961	0.947	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	7034	0.947	ug/l #	64
67) Ethyl Benzene	10.24	91	28649	0.893	ug/l	99
68) m/p-Xylenes	10.34	106	19974	1.650	ug/l	95
69) o-Xylene	10.68	106	10508	0.903	ug/l	93
70) Styrene	10.70	104	16763	0.857	ug/l	94
71) Bromoform	10.84	173	6038	0.960	ug/l #	97
73) Isopropylbenzene	11.01	105	26377	0.869	ug/l	100
74) N-amyl acetate	10.88	43	11735	0.815	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	10984	1.050	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	12529	1.235	ug/l	85
77) Bromobenzene	11.24	156	8122	0.979	ug/l	94
78) n-propylbenzene	11.35	91	28956	0.844	ug/l	97
79) 2-Chlorotoluene	11.40	91	18641	0.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	19352	0.777	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	3661	0.968	ug/l	89
82) 4-Chlorotoluene	11.49	91	22915	0.914	ug/l	100
83) tert-Butylbenzene	11.76	119	21305	0.878	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	19922	0.778	ug/l	95
85) sec-Butylbenzene	11.93	105	22403	0.805	ug/l	95
86) p-Isopropyltoluene	12.05	119	20073	0.774	ug/l	86
87) 1,3-Dichlorobenzene	12.01	146	14328	0.975	ug/l	97
88) 1,4-Dichlorobenzene	12.01	146	14328	0.968	ug/l	98
89) n-Butylbenzene	12.37	91	20117	0.853	ug/l	99
90) Hexachloroethane	12.59	117	4212	0.821	ug/l	89
91) 1,2-Dichlorobenzene	12.38	146	13538	1.000	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2623	0.978	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	8968	0.971	ug/l	96
94) Hexachlorobutadiene	13.76	225	3938	1.094	ug/l	98

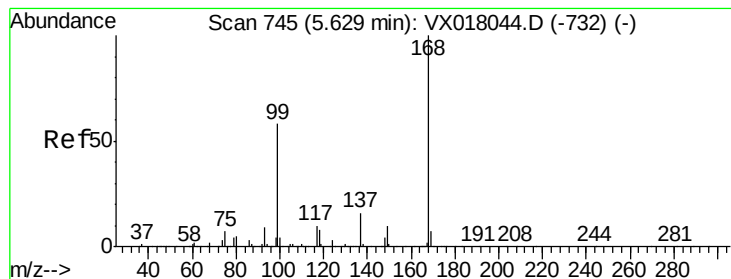
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
Data File : VX018041.D
Acq On : 20 Aug 2020 18:36
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ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.82	128	25673	0.841	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.00	180	8852	0.976	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

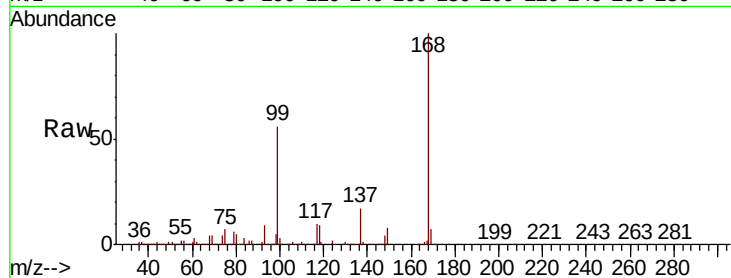
VSTDIC001

Tot Ion:168 Resp: 614417

Ion Ratio Lower Upper

168 100

99 55.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

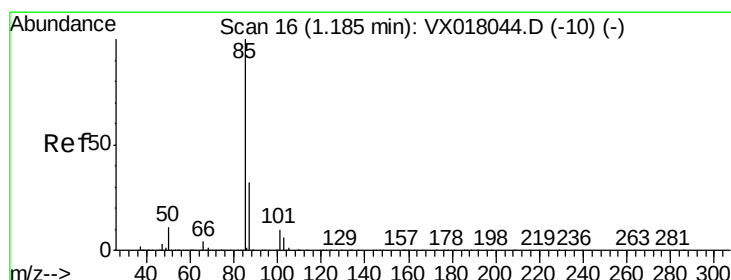
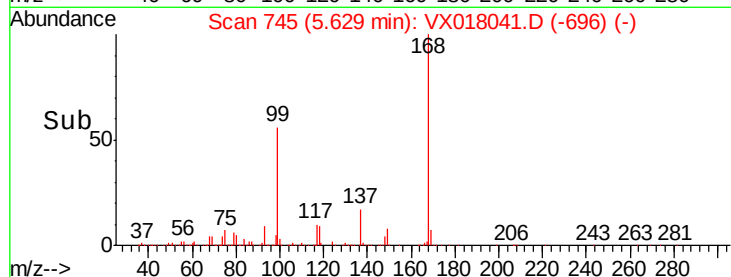
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.895 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018041.D

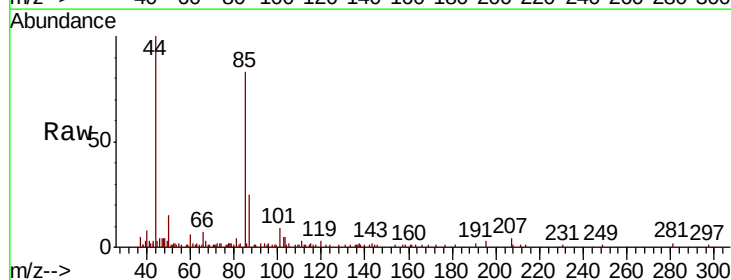
Acq: 20 Aug 2020 18:36

Tgt Ion: 85 Resp: 6778

Ion Ratio Lower Upper

85 100

87 28.1 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

8000

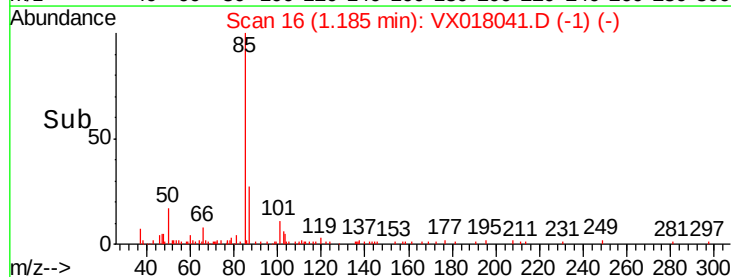
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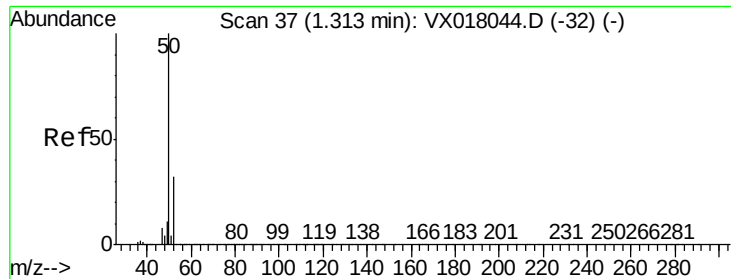
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Time-->

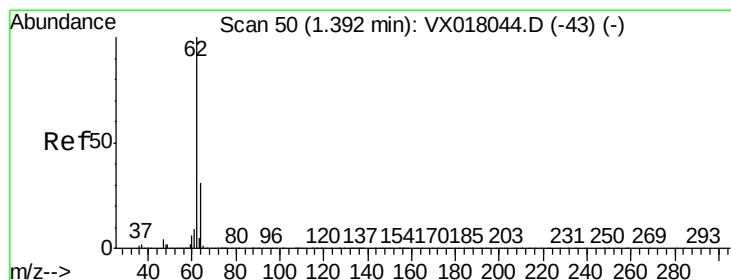
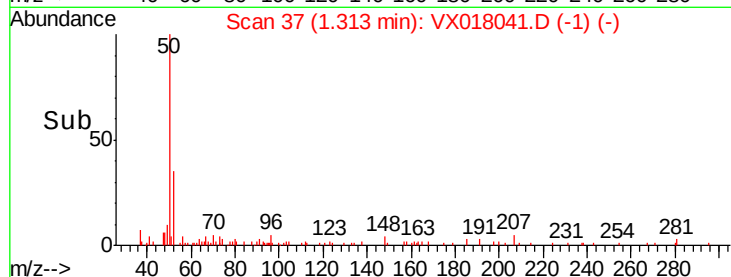
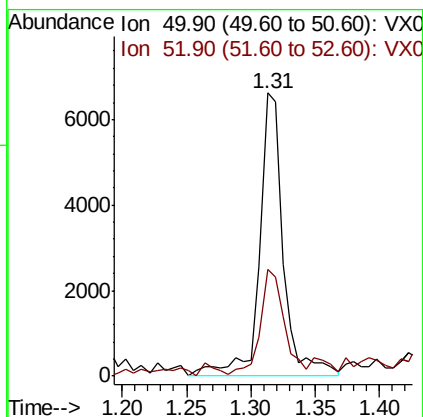
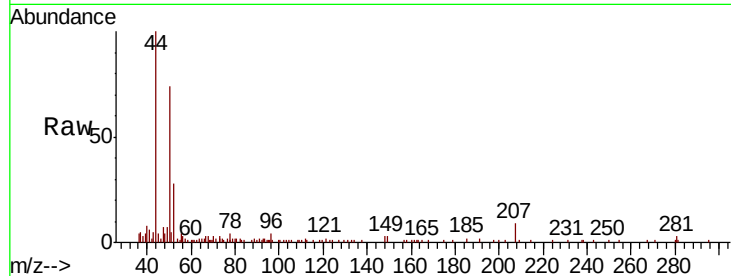




#3
Chloromethane
Concen: 1.087 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

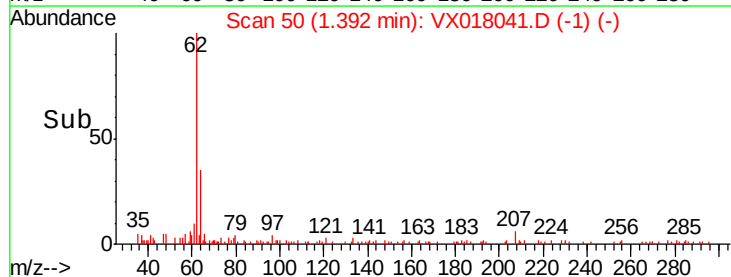
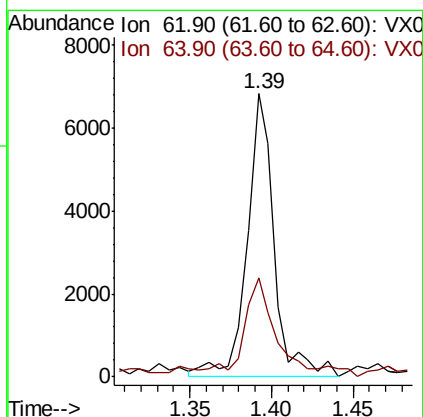
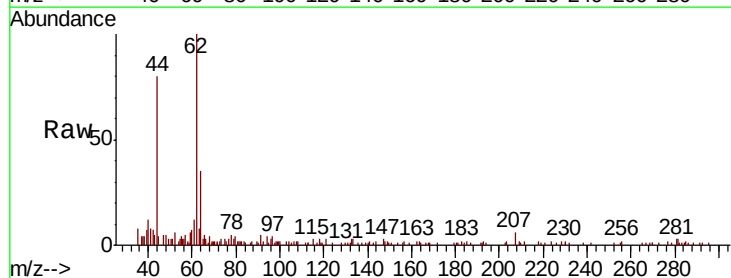
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

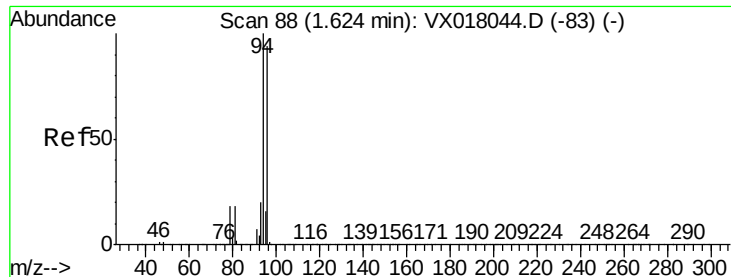
Tot Ion: 50 Resp: 8459
Ion Ratio Lower Upper
50 100
52 36.2 25.4 38.2



#4
Vinyl Chloride
Concen: 1.036 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion: 62 Resp: 7962
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5

Bromomethane

Concen: 1.113 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

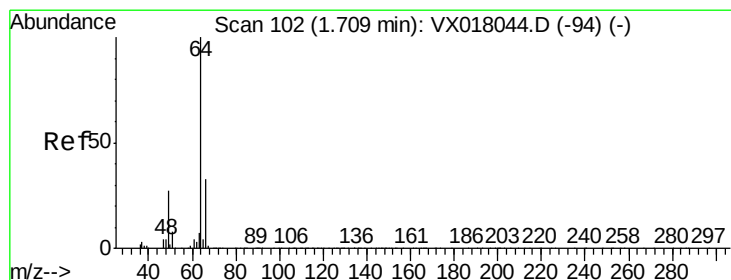
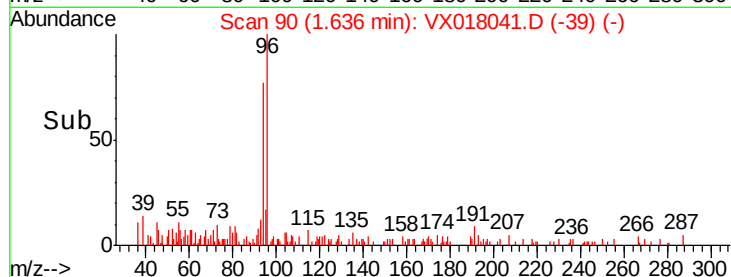
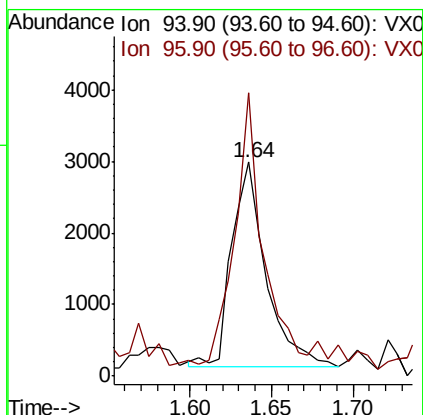
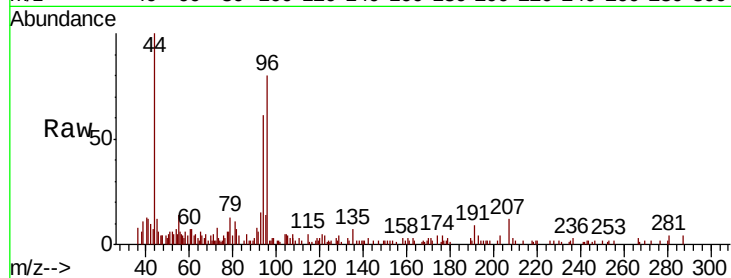
VSTDIC001

Tot Ion: 94 Resp: 4214

Ion Ratio Lower Upper

94 100

96 129.9 74.8 112.2#



#6

Chloroethane

Concen: 0.946 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018041.D

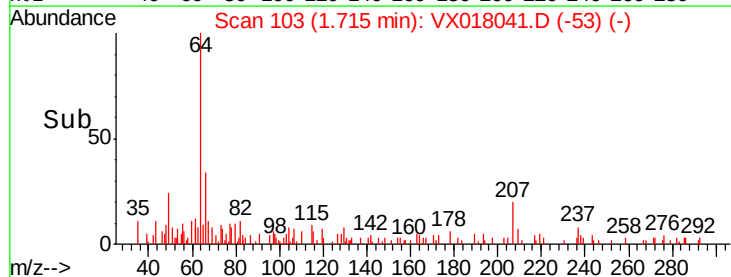
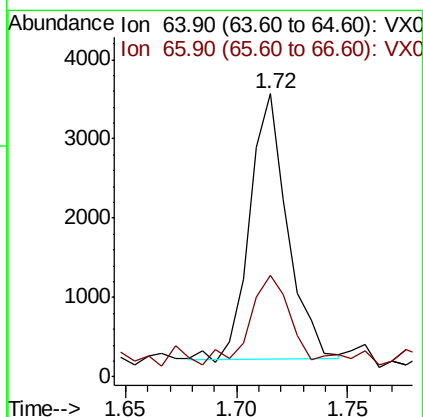
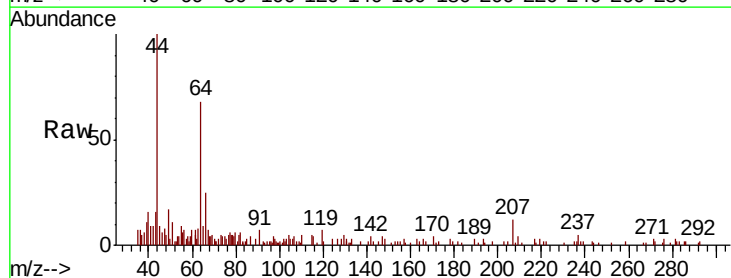
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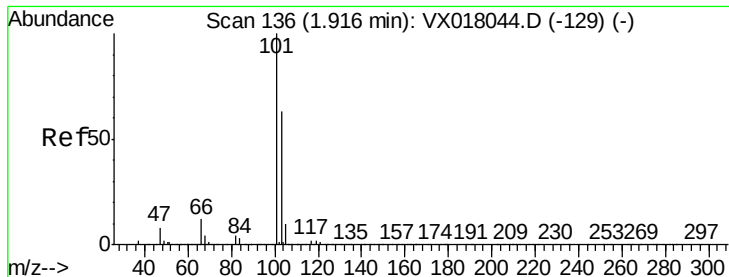
Tgt Ion: 64 Resp: 3925

Ion Ratio Lower Upper

64 100

66 31.1 26.6 39.8



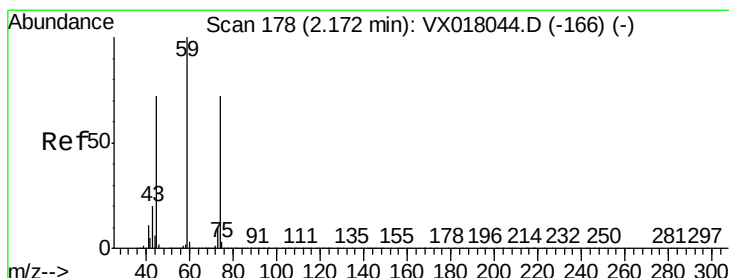
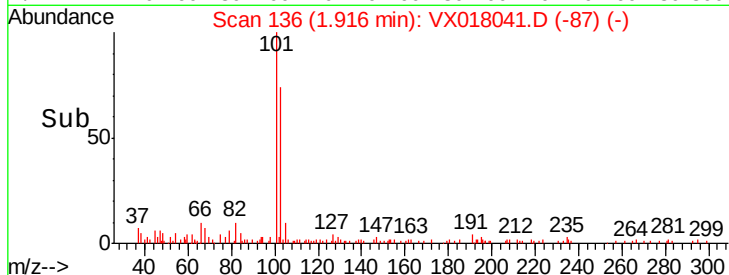
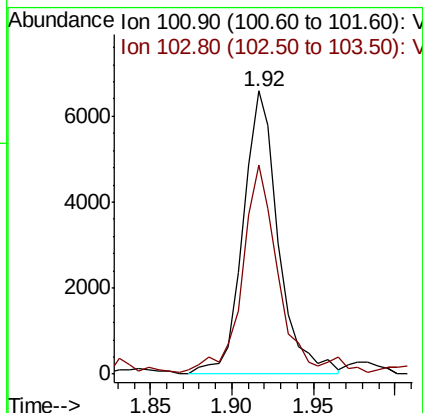
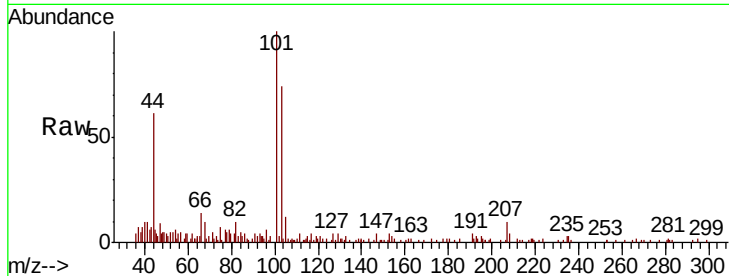


#7

Trichlorofluoromethane
 Concen: 0.915 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

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 VSTDIC001

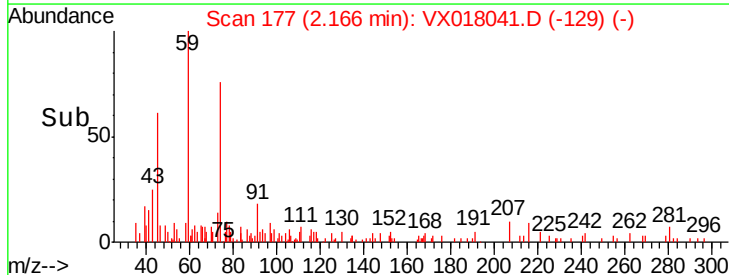
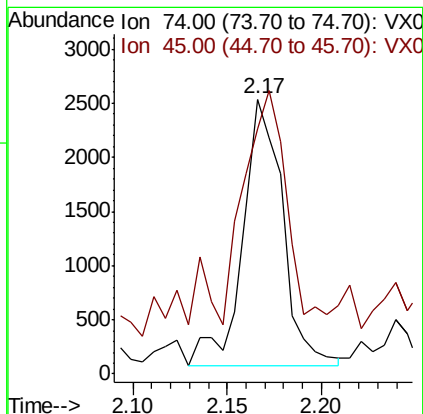
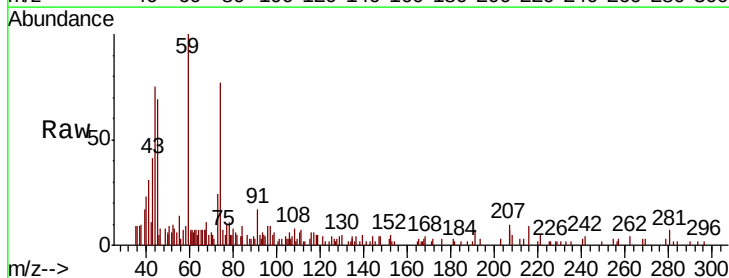
Tot Ion:101 Resp: 9911
 Ion Ratio Lower Upper
 101 100
 103 72.5 50.7 76.1

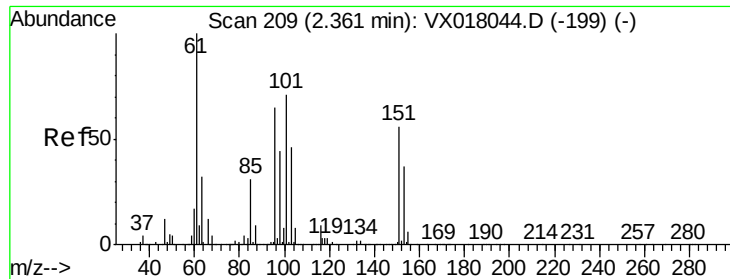


#8

Diethyl Ether
 Concen: 1.012 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion: 74 Resp: 3660
 Ion Ratio Lower Upper
 74 100
 45 104.8 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.994 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

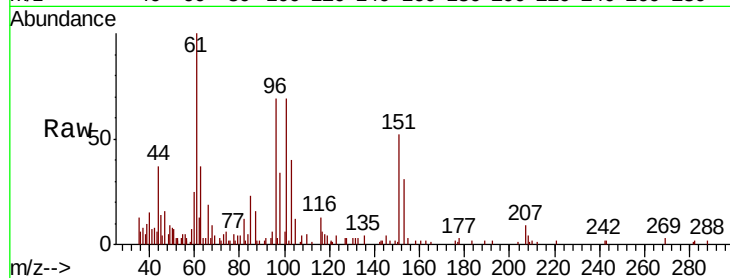
Tot Ion:101 Resp: 5802

Ion Ratio Lower Upper

101 100

85 44.4 34.0 51.0

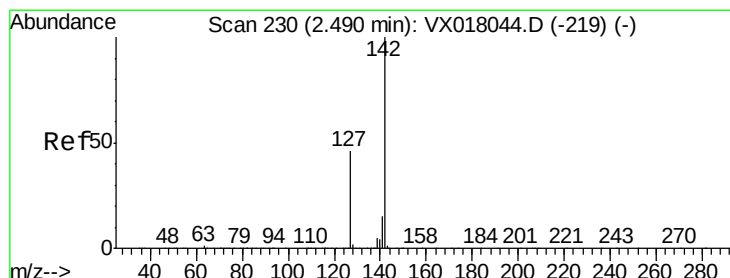
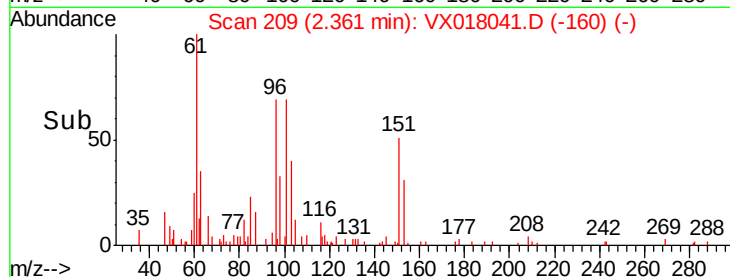
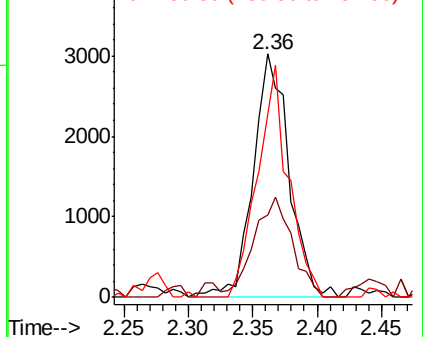
151 83.0 65.2 97.8



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: 0.740 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

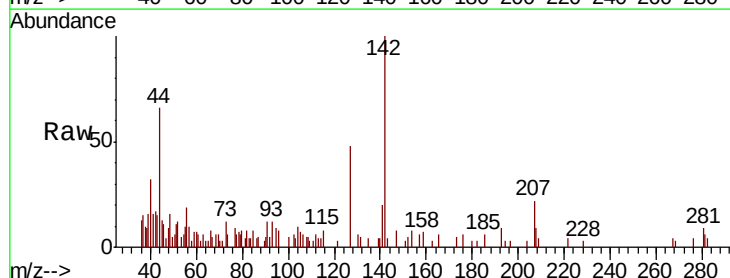
Tgt Ion:142 Resp: 3985

Ion Ratio Lower Upper

142 100

127 47.8 37.0 55.6

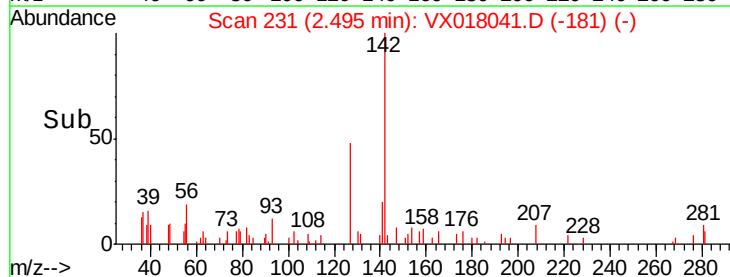
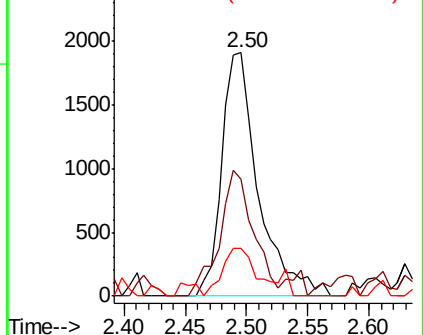
141 17.6 11.5 17.3#

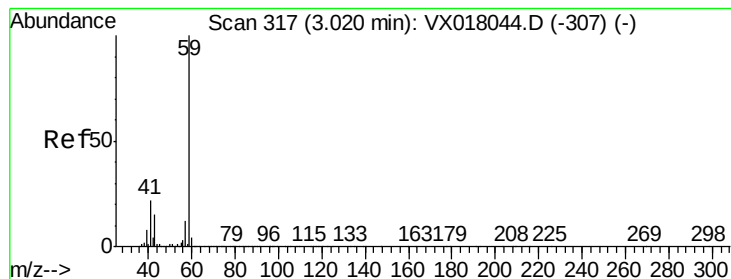


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



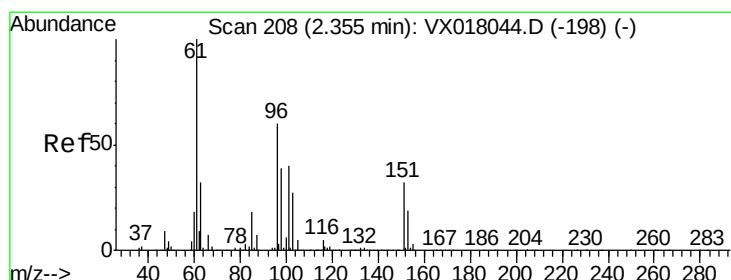
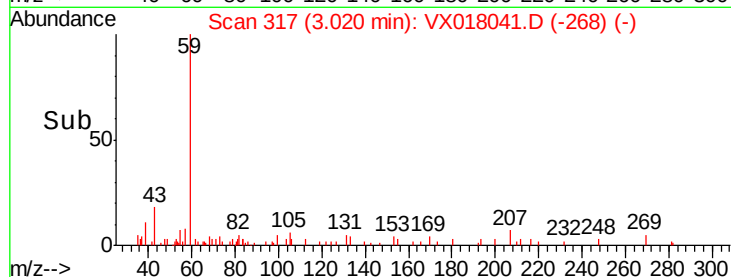
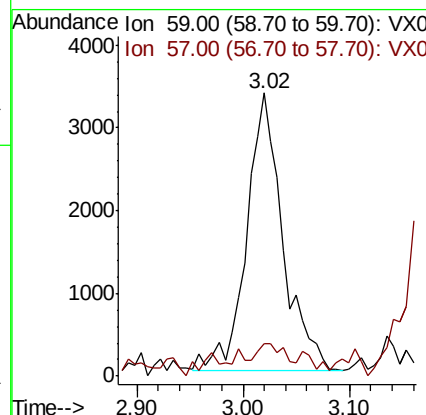
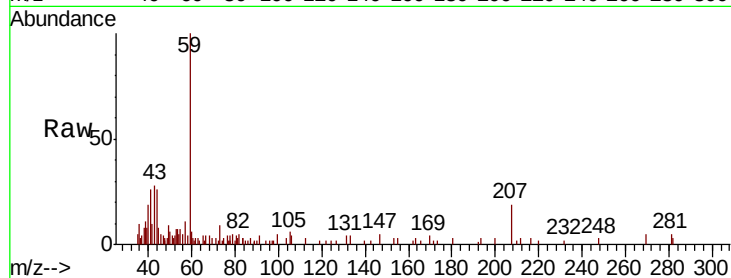


#11

Tert butyl alcohol
 Concen: 4.810 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

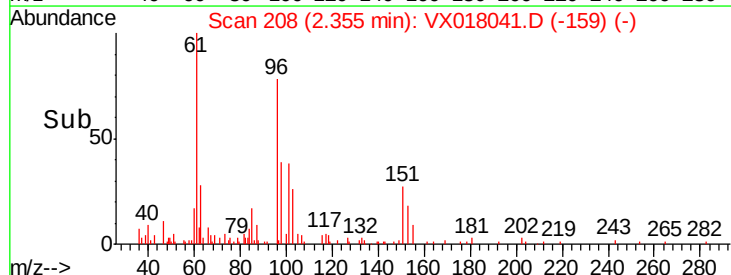
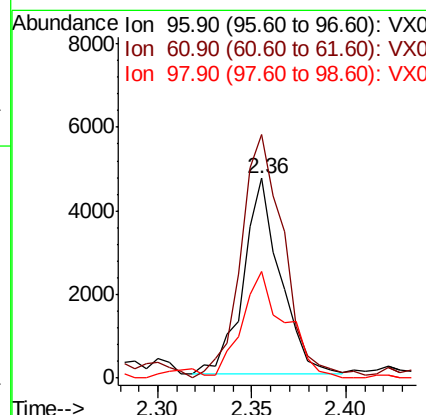
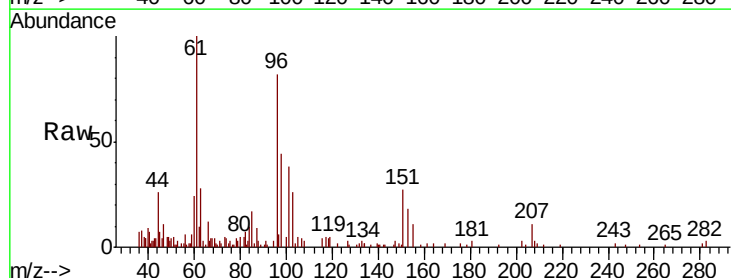
Tot Ion: 59 Resp: 7978
 Ion Ratio Lower Upper
 59 100
 57 7.1 8.9 13.3#

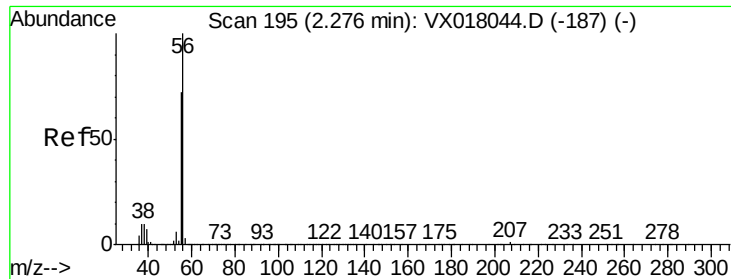


#12

1,1-Dichloroethene
 Concen: 1.068 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion: 96 Resp: 6349
 Ion Ratio Lower Upper
 96 100
 61 124.4 133.0 199.4#
 98 54.2 51.6 77.4

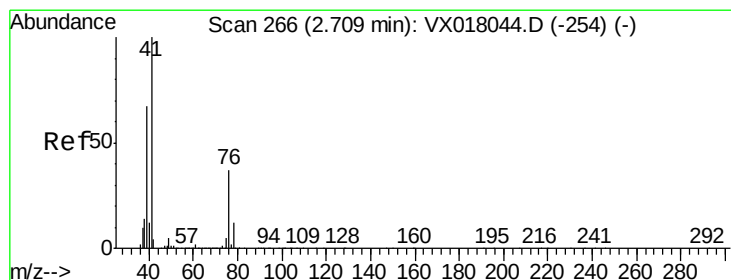
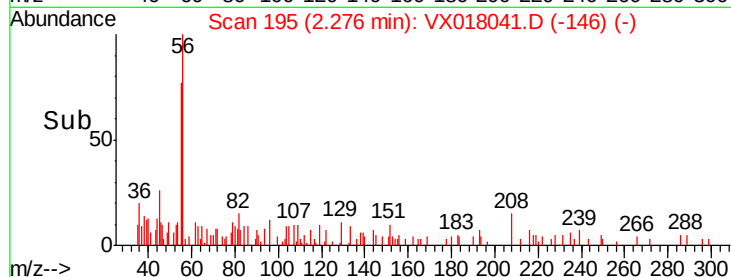
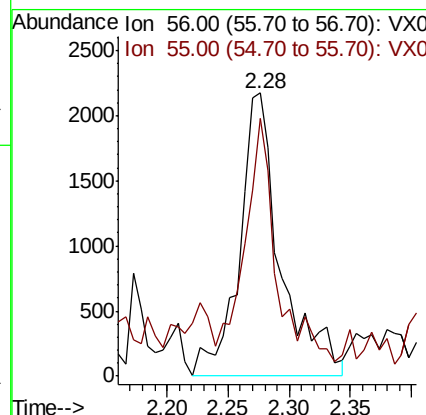
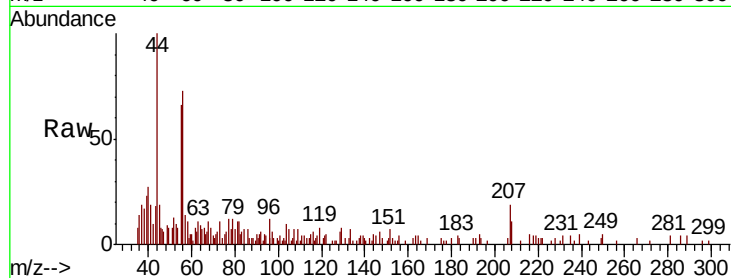




#13
Acrolein
Concen: 7.399 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

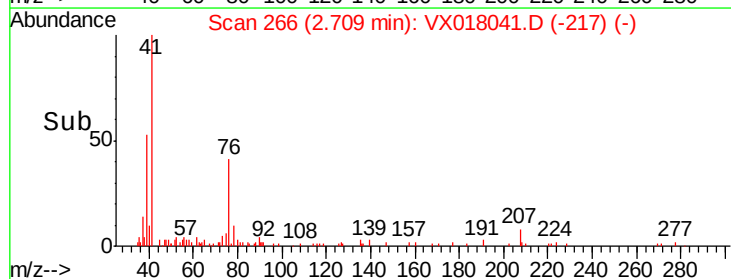
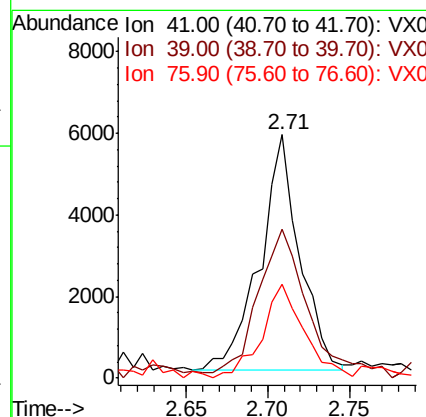
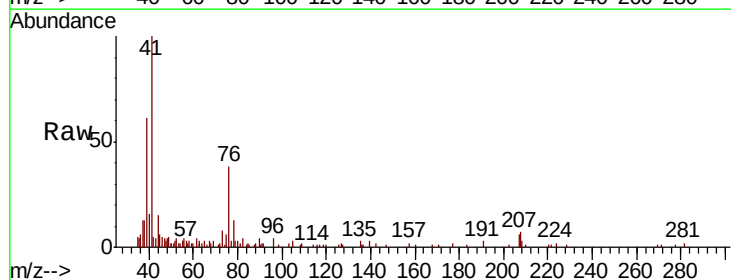
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

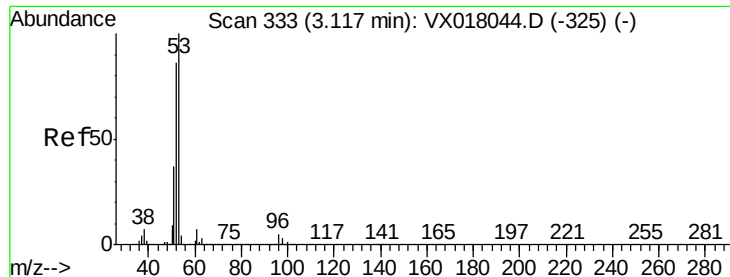
Tot Ion: 56 Resp: 5088
Ion Ratio Lower Upper
56 100
55 64.4 57.0 85.6



#14
Allyl chloride
Concen: 0.898 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion: 41 Resp: 9774
Ion Ratio Lower Upper
41 100
39 80.7 50.6 76.0#
76 42.0 26.2 39.2#





#15

Acrylonitrile

Concen: 4.888 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

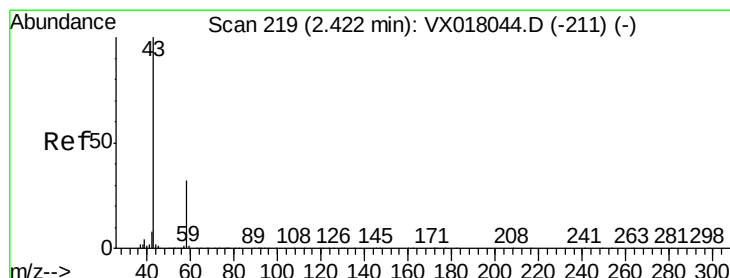
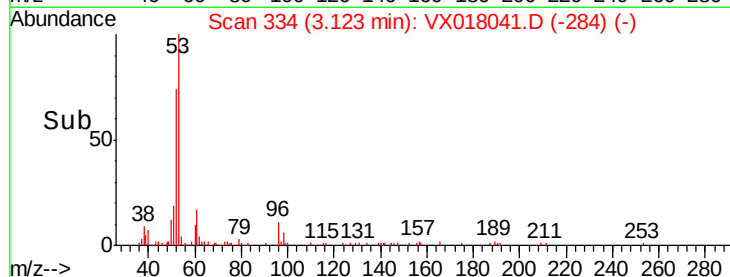
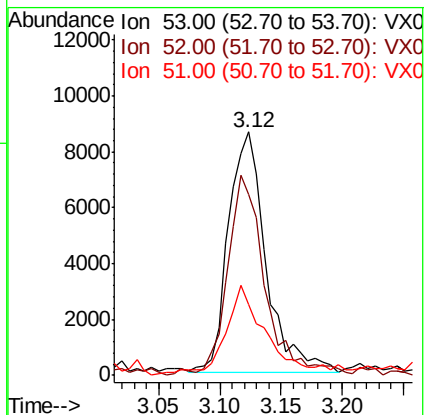
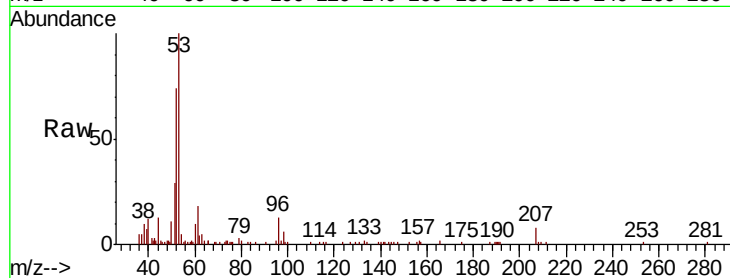
Tot Ion: 53 Resp: 18398

Ion Ratio Lower Upper

53 100

52 82.1 66.9 100.3

51 39.7 28.7 43.1



#16

Acetone

Concen: 5.774 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018041.D

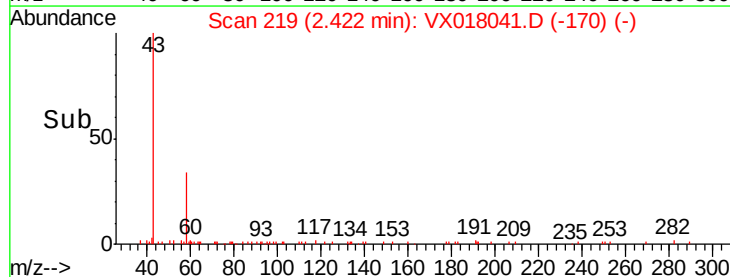
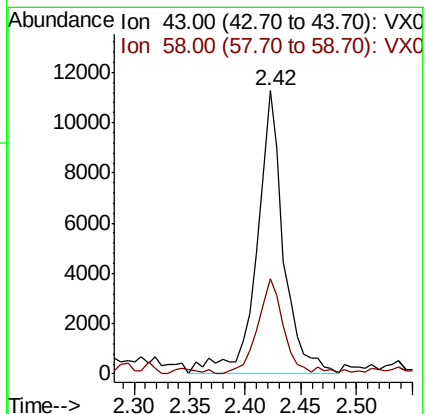
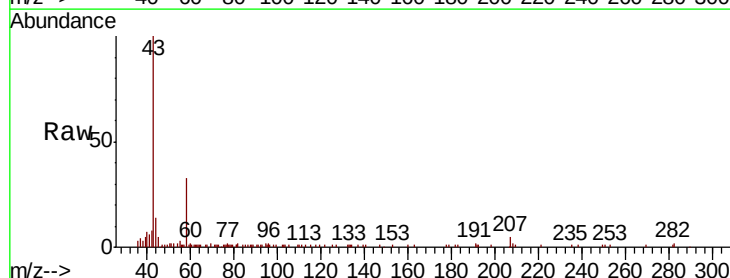
Acq: 20 Aug 2020 18:36

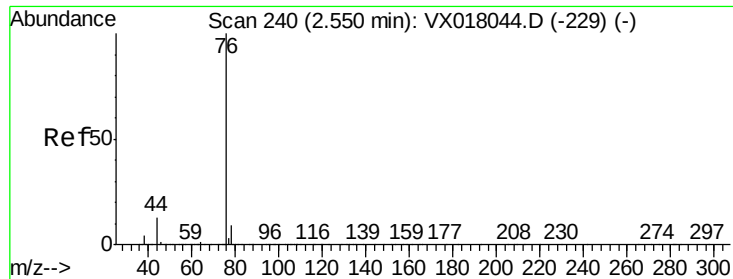
Tgt Ion: 43 Resp: 18982

Ion Ratio Lower Upper

43 100

58 32.9 25.5 38.3

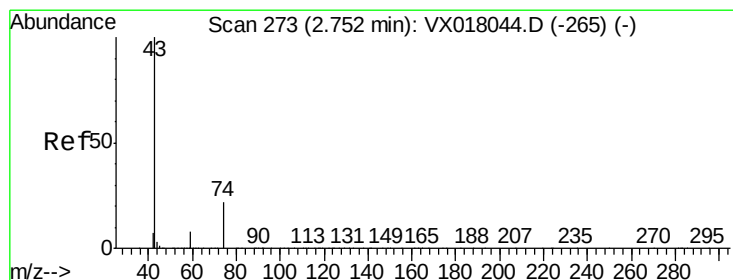
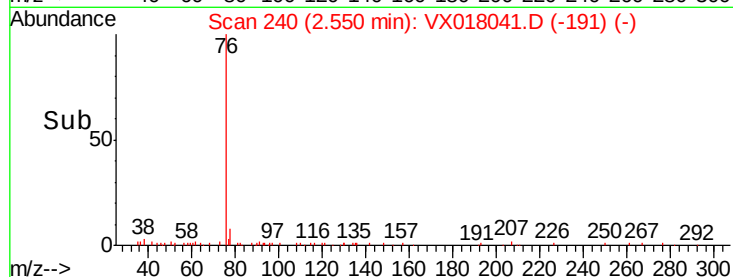
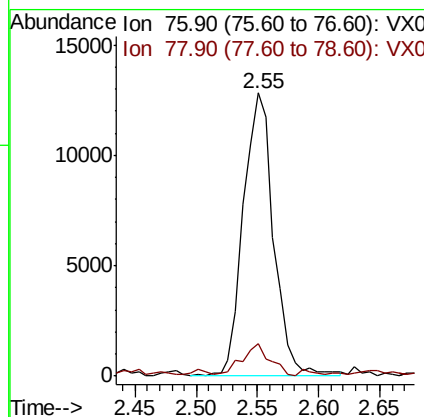
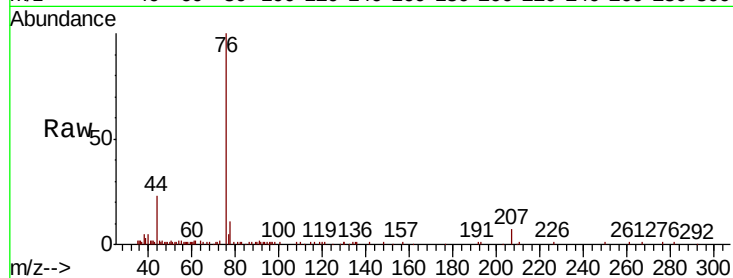




#17
Carbon Disulfide
Concen: 1.231 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

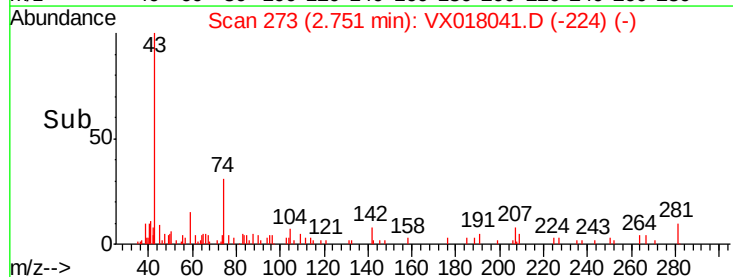
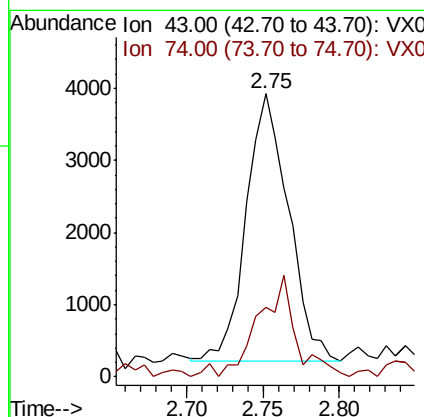
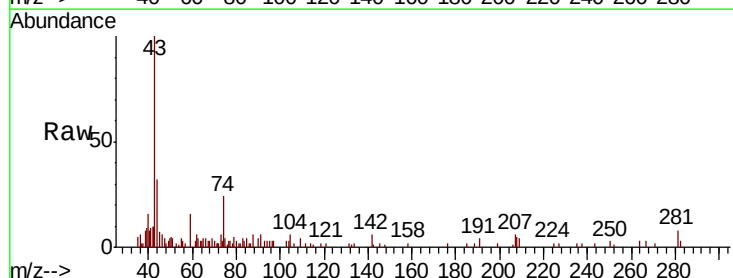
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

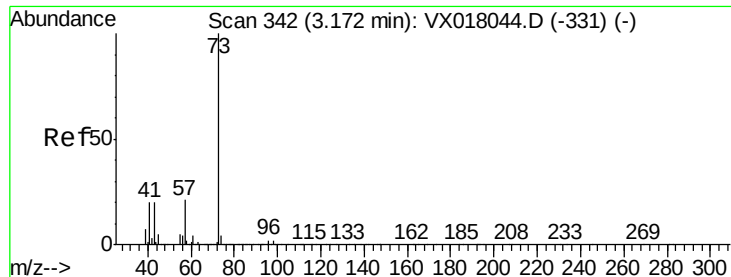
Tot Ion: 76 Resp: 22132
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#18
Methyl Acetate
Concen: 0.873 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion: 43 Resp: 7115
Ion Ratio Lower Upper
43 100
74 33.2 18.2 27.4#



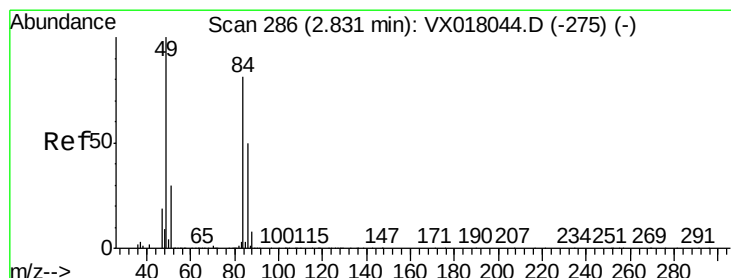
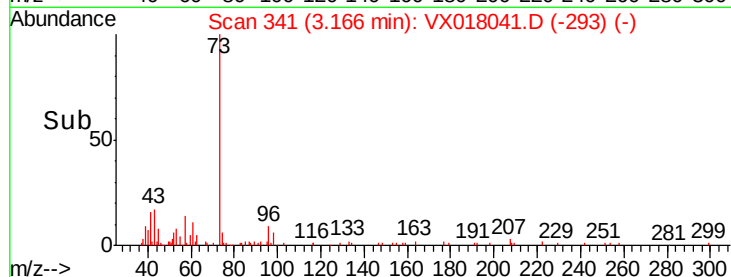
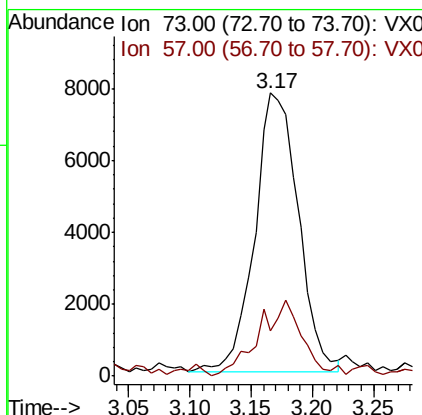
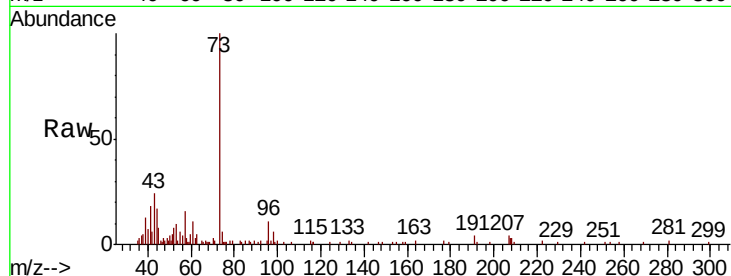


#19

Methyl tert-butyl Ether
 Concen: 0.951 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

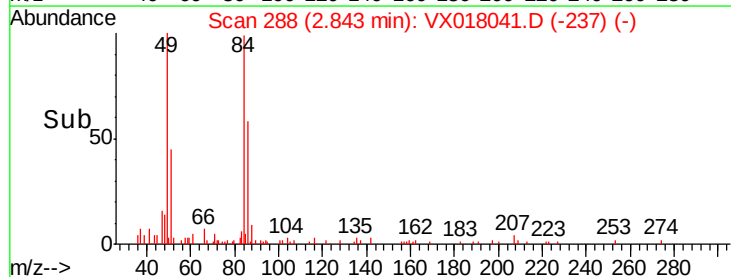
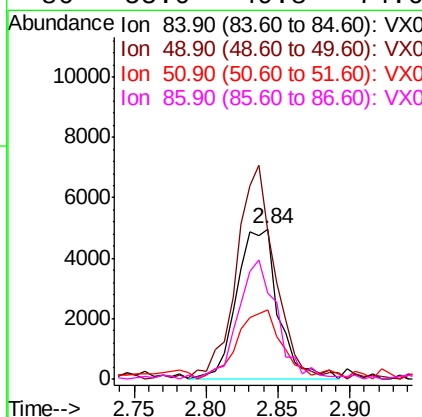
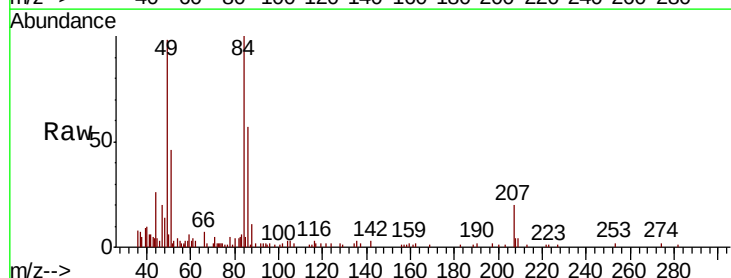
Tot Ion: 73 Resp: 19437
 Ion Ratio Lower Upper
 73 100
 57 14.0 16.8 25.2#

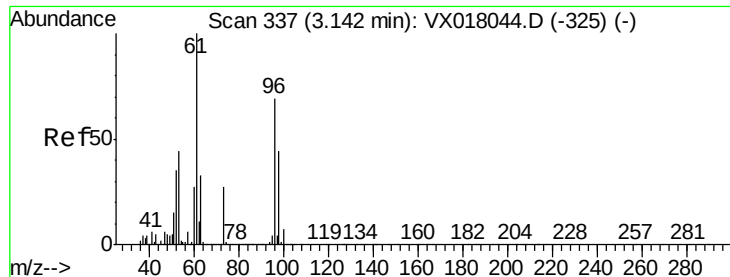


#20

Methylene Chloride
 Concen: 1.285 ug/l
 RT: 2.84 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion: 84 Resp: 9915
 Ion Ratio Lower Upper
 84 100
 49 97.2 98.6 148.0#
 51 42.5 29.6 44.4
 86 55.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 1.096 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

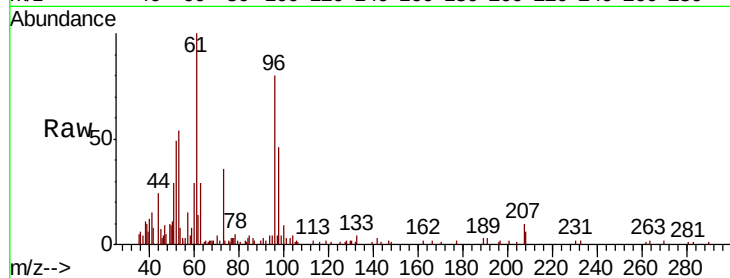
Tot Ion: 96 Resp: 7291

Ion Ratio Lower Upper

96 100

61 121.7 115.4 173.0

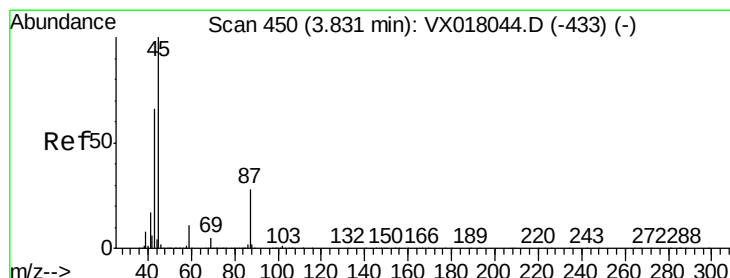
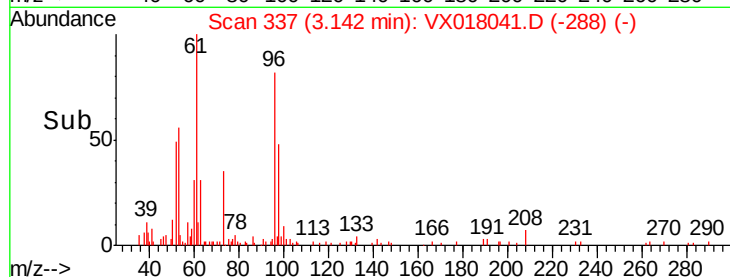
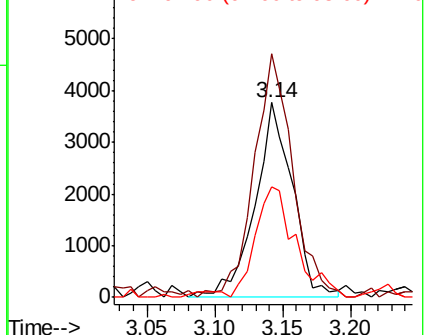
98 55.6 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.938 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion: 45 Resp: 19898

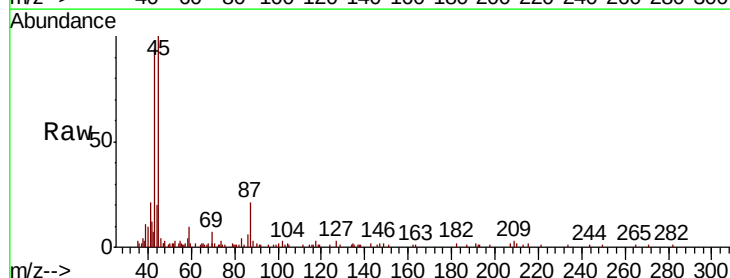
Ion Ratio Lower Upper

45 100

43 90.6 52.8 79.2#

87 19.5 22.5 33.7#

59 8.9 9.0 13.6#

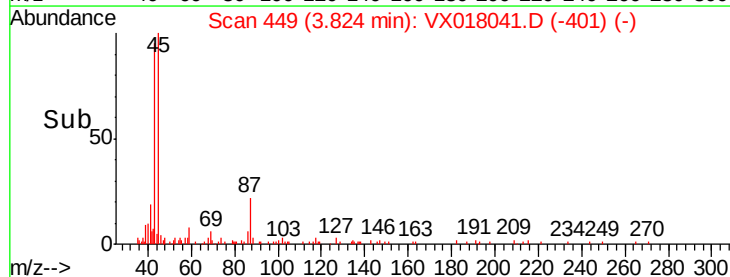
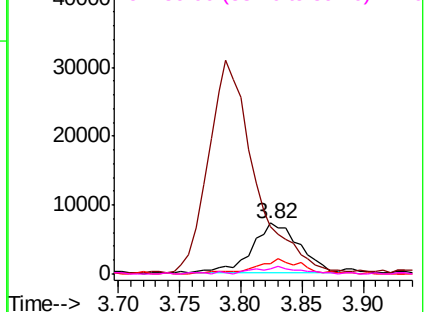


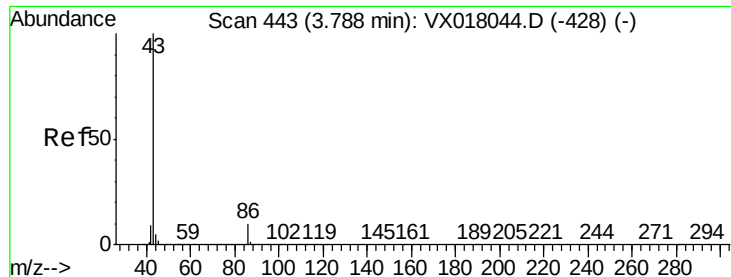
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 4.332 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

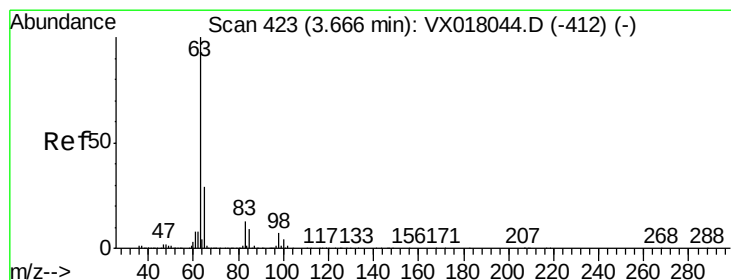
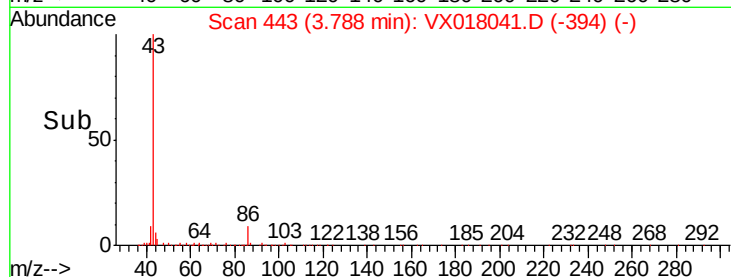
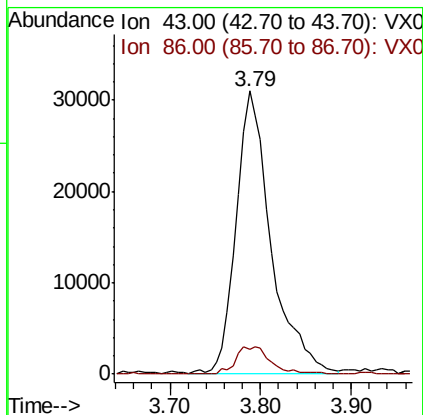
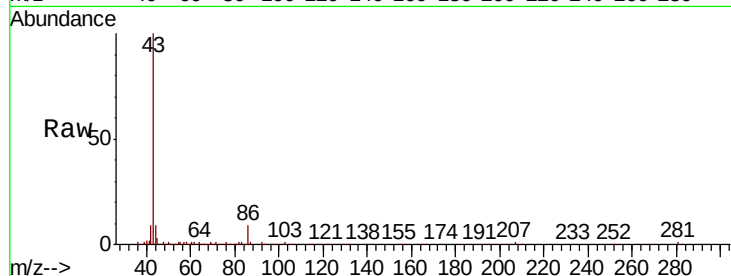
VSTDIC001

Tot Ion: 43 Resp: 82136

Ion Ratio Lower Upper

43 100

86 8.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 0.942 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

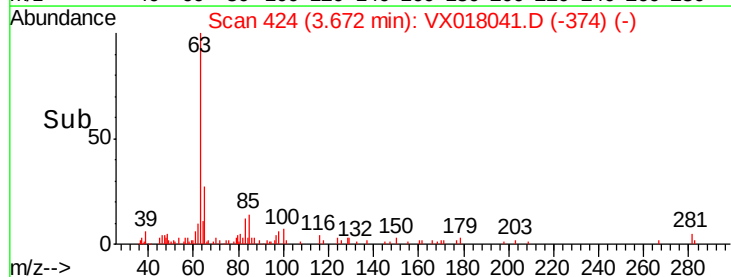
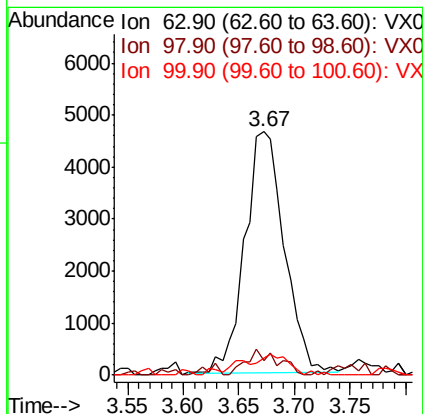
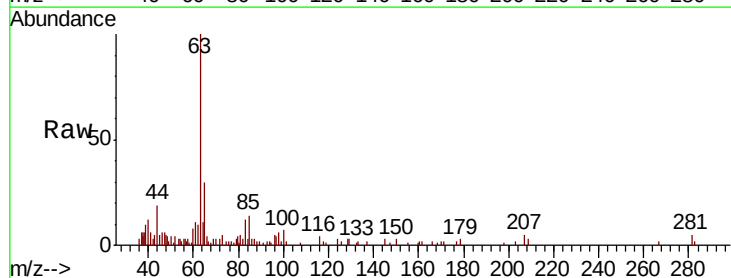
Tgt Ion: 63 Resp: 11510

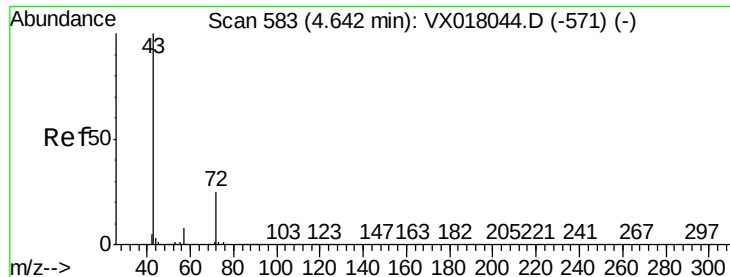
Ion Ratio Lower Upper

63 100

98 6.2 3.6 10.8

100 7.2 2.0 6.0#





#25

2-Butanone

Concen: 4.731 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

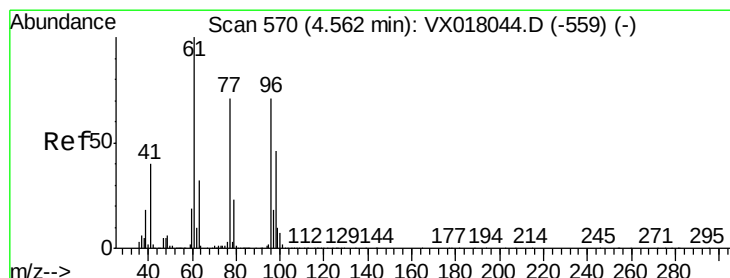
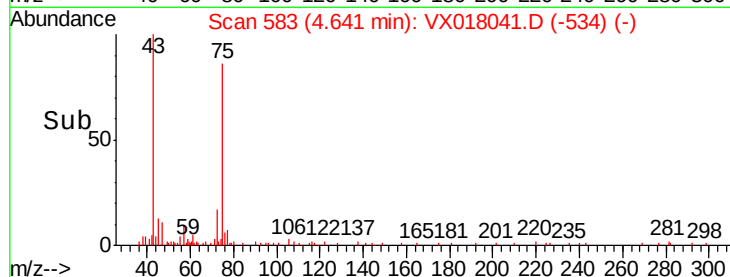
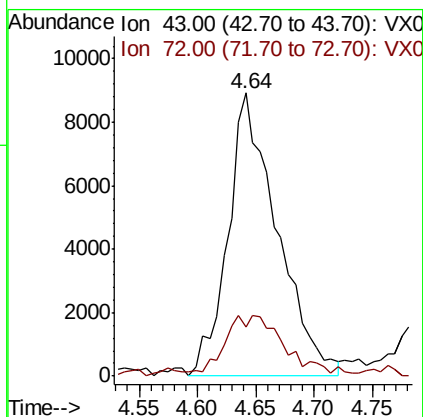
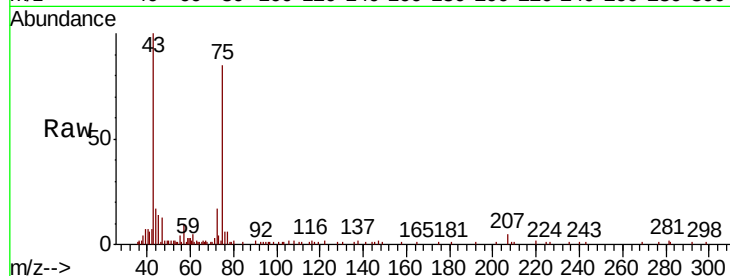
VSTDIC001

Tot Ion: 43 Resp: 26208

Ion Ratio Lower Upper

43 100

72 15.8 19.8 29.6#



#27

cis-1,2-Dichloroethene

Concen: 1.100 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

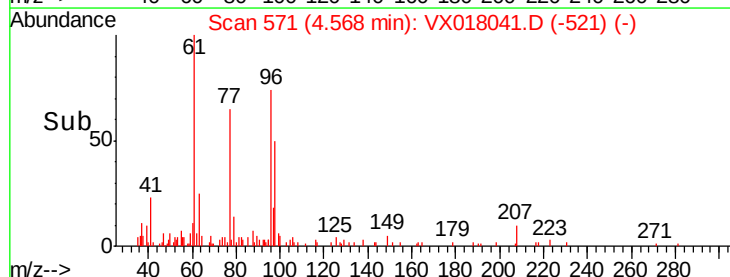
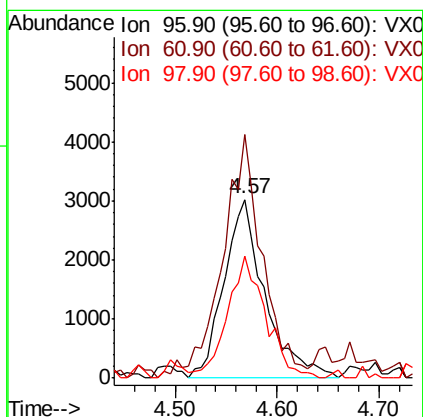
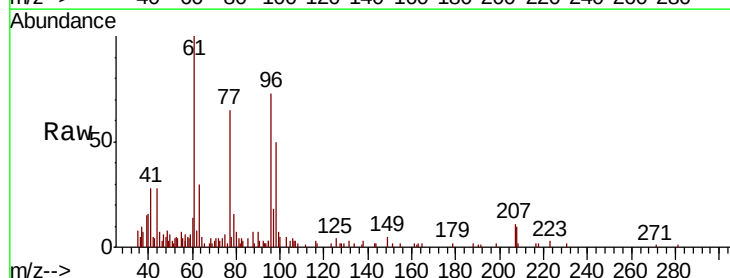
Tgt Ion: 96 Resp: 8403

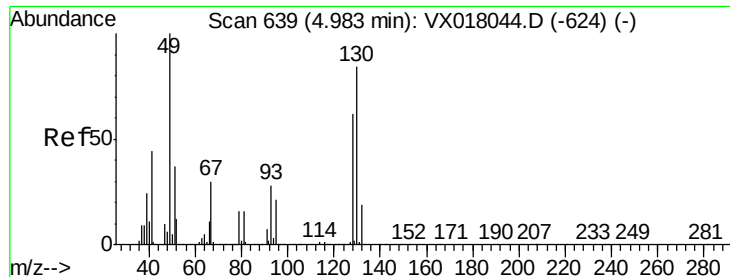
Ion Ratio Lower Upper

96 100

61 132.8 0.0 296.6

98 63.8 0.0 130.2





#28

Bromochloromethane

Concen: 1.172 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

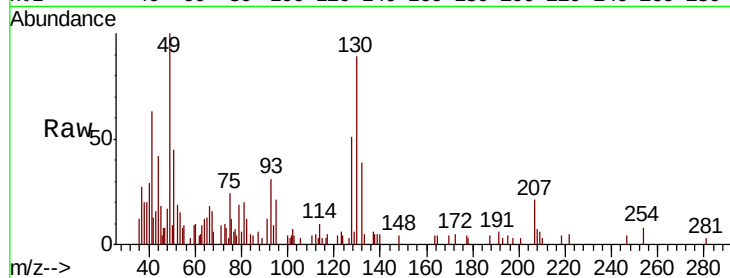
Tot Ion: 49 Resp: 6677

Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 48.8 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

4.98

2500

2000

1500

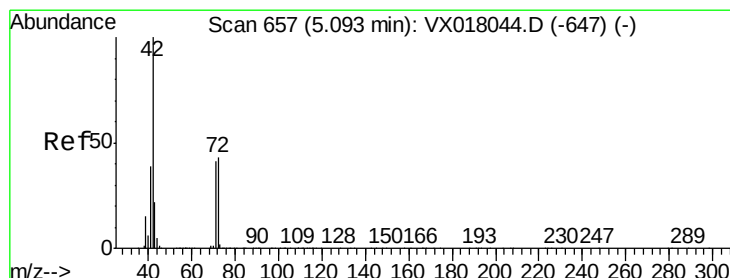
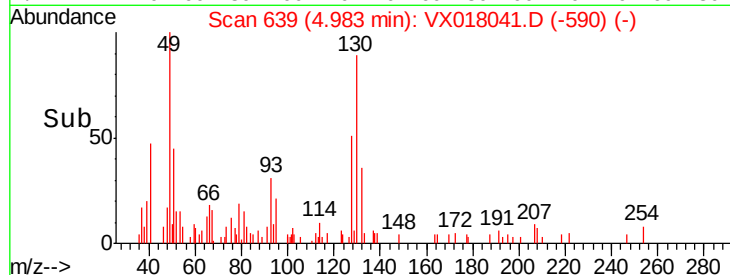
1000

500

0

Time-->

4.90 5.00 5.10



#29

Tetrahydrofuran

Concen: 4.567 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

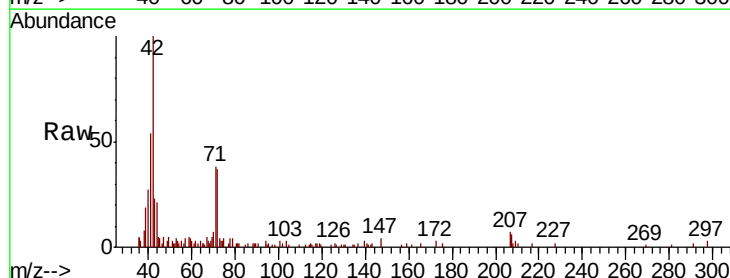
Tgt Ion: 42 Resp: 15959

Ion Ratio Lower Upper

42 100

72 44.8 34.2 51.4

71 44.4 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.10

6000

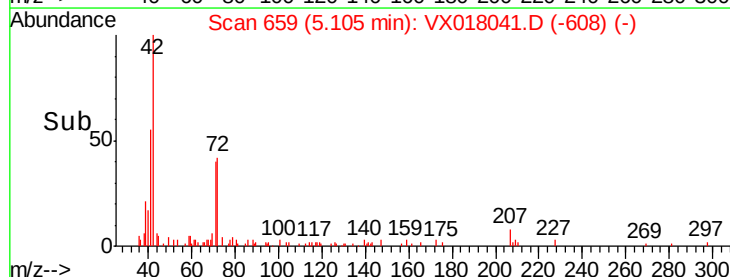
4000

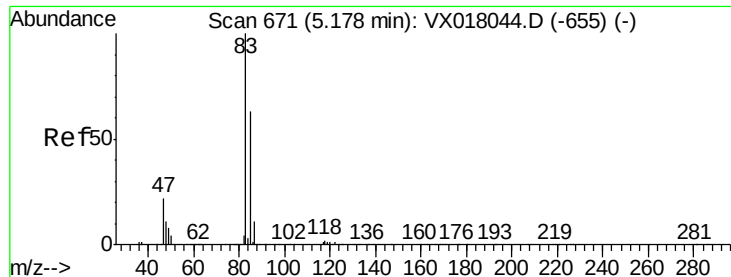
2000

0

Time-->

5.00 5.10 5.20

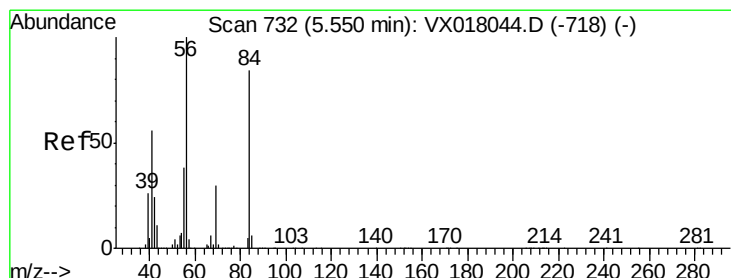
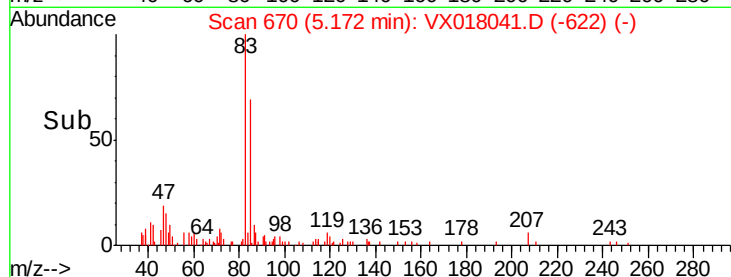
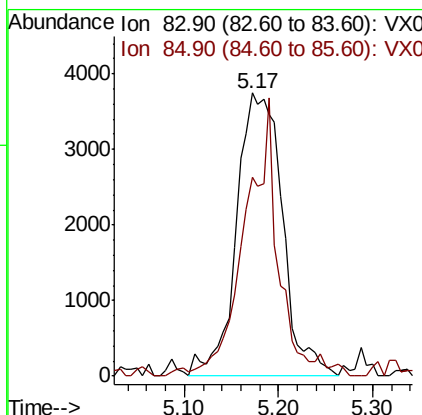
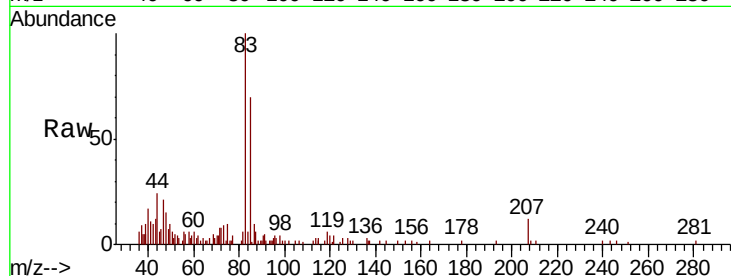




#30
Chloroform
Concen: 1.025 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

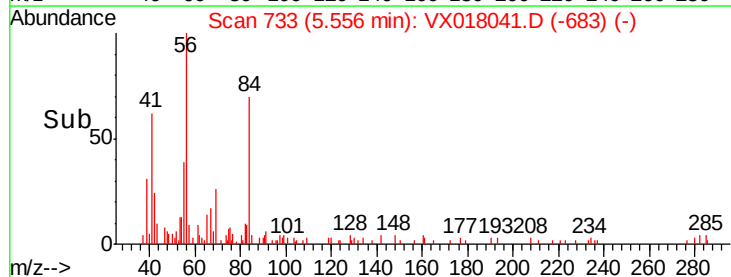
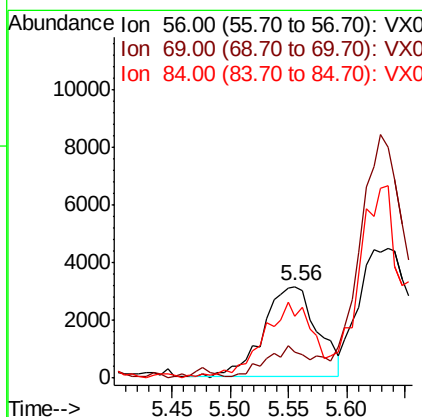
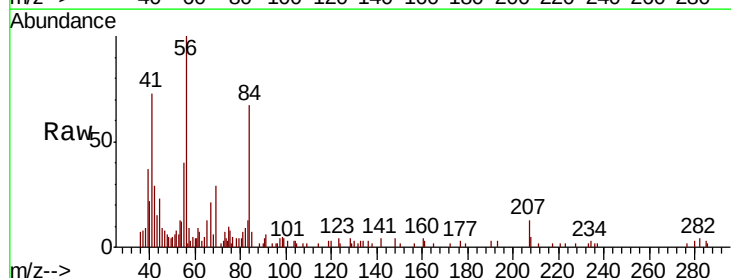
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

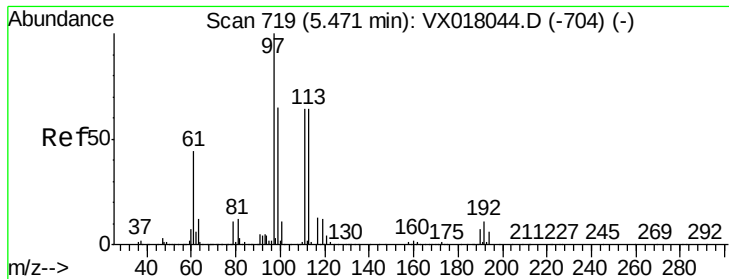
Tot Ion: 83 Resp: 12793
Ion Ratio Lower Upper
83 100
85 68.8 50.7 76.1



#31
Cyclohexane
Concen: 0.965 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion: 56 Resp: 9850
Ion Ratio Lower Upper
56 100
69 28.0 23.9 35.9
84 65.9 67.0 100.4#





#32

1,1,1-Trichloroethane

Concen: 1.034 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

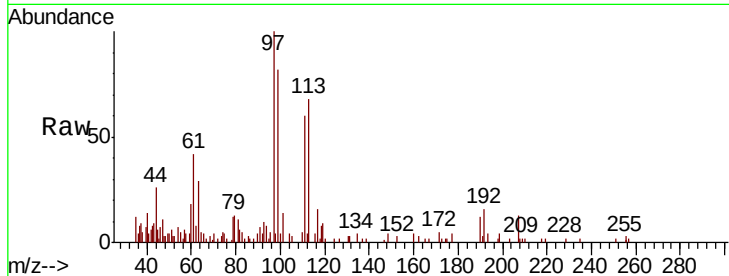
Tot Ion: 97 Resp: 11887

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

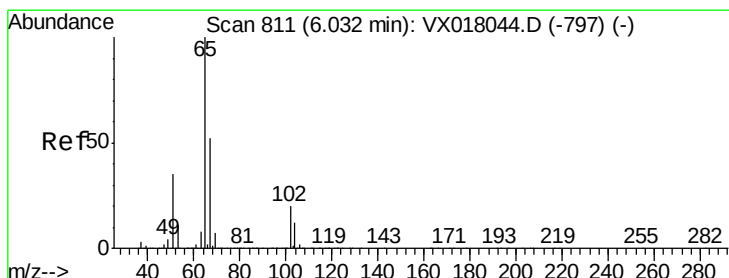
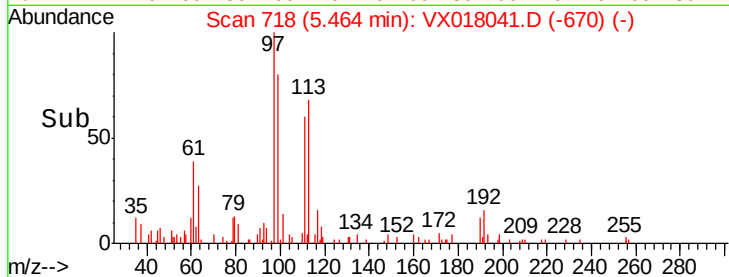
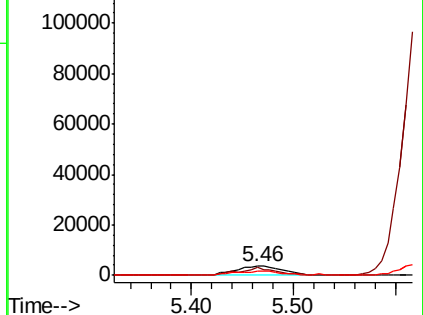
61 48.8 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 1.448 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018041.D

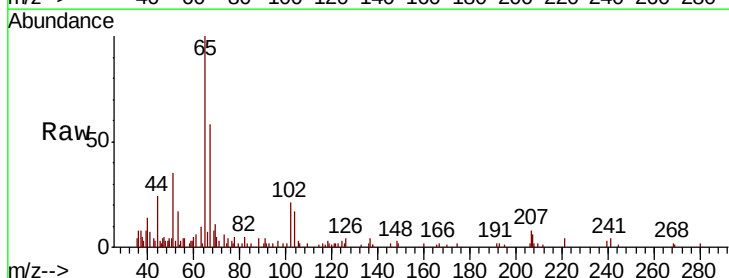
Acq: 20 Aug 2020 18:36

Tgt Ion: 65 Resp: 12355

Ion Ratio Lower Upper

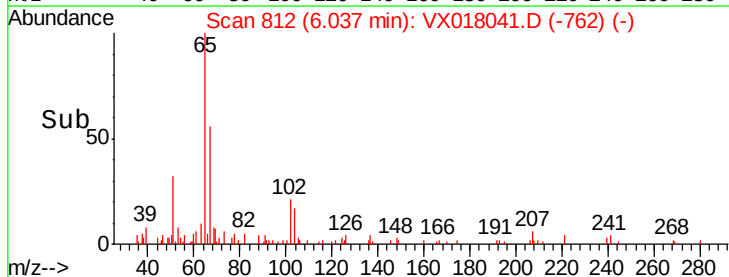
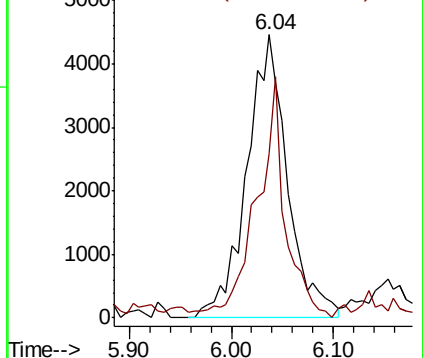
65 100

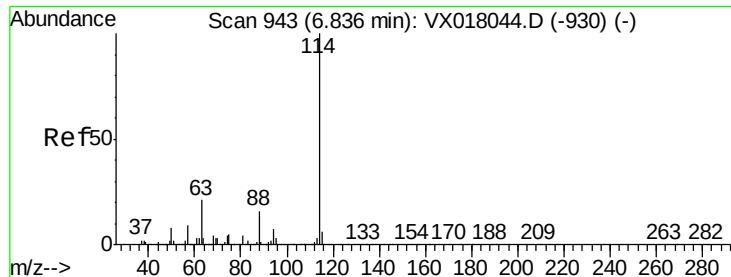
67 59.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

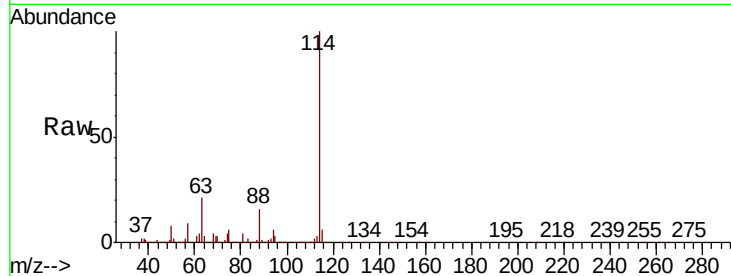




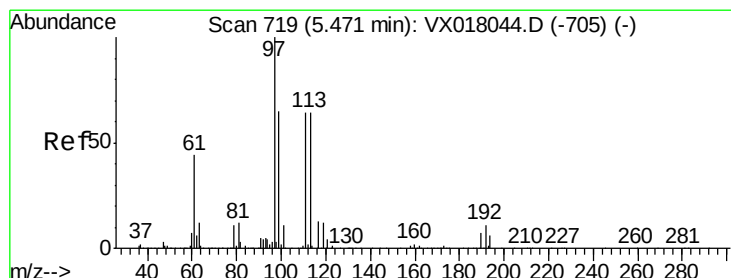
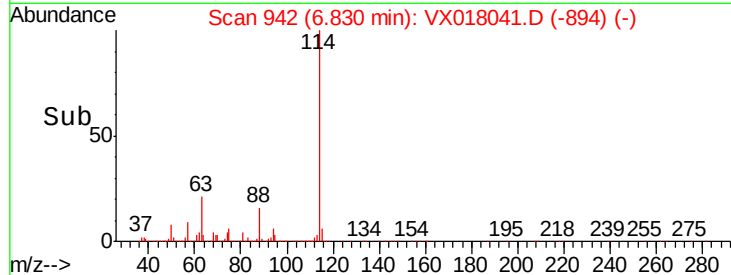
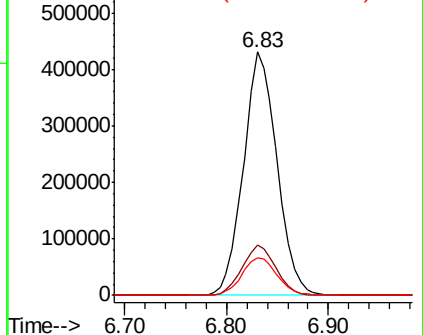
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:114 Resp: 984926
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 15.6 0.0 31.8

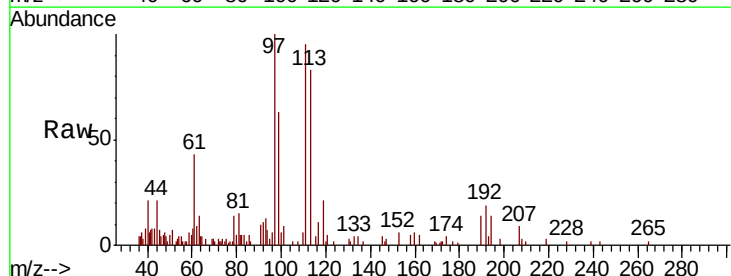


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

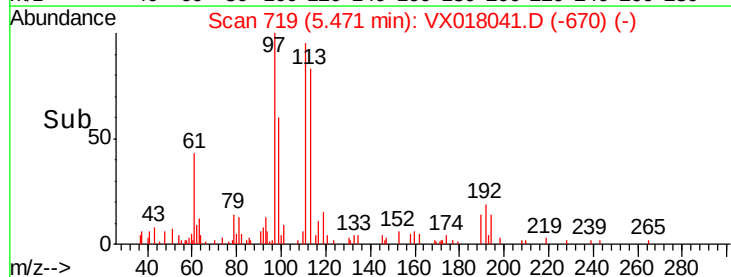
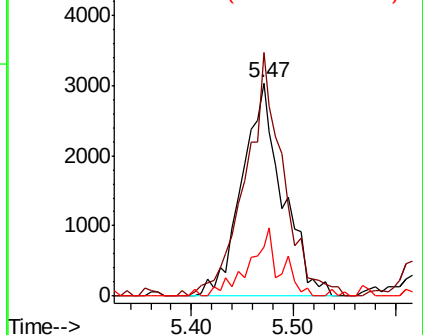


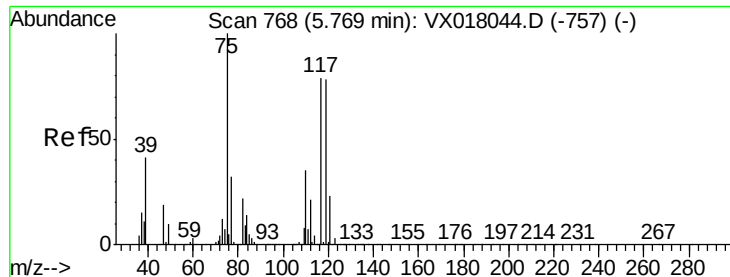
#35
 Dibromofluoromethane
 Concen: 1.245 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion:113 Resp: 8354
 Ion Ratio Lower Upper
 113 100
 111 106.8 81.6 122.4
 192 20.1 15.8 23.8



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

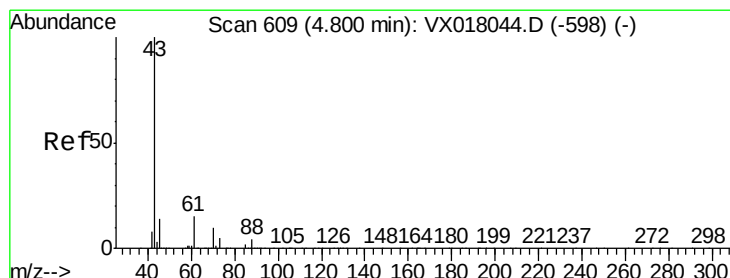
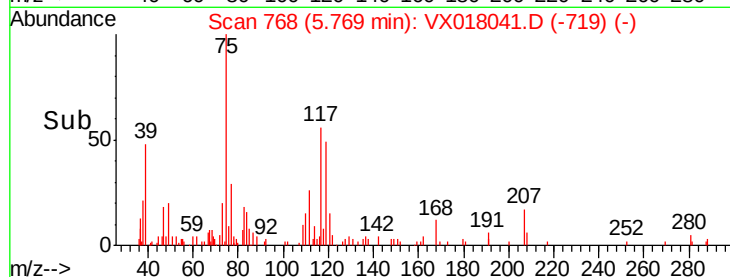
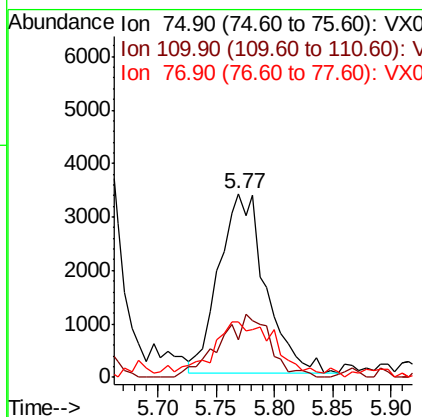
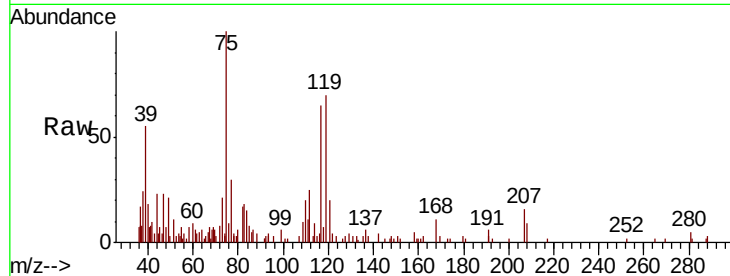




#36
 1,1-Dichloropropene
 Concen: 1.004 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

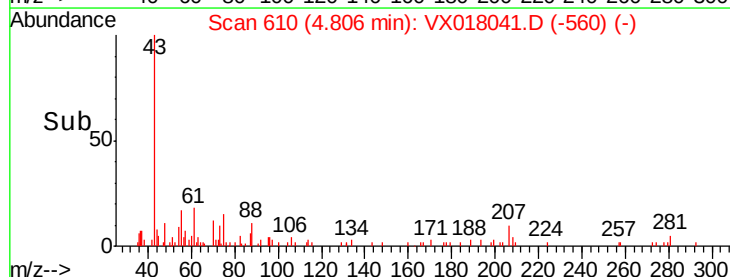
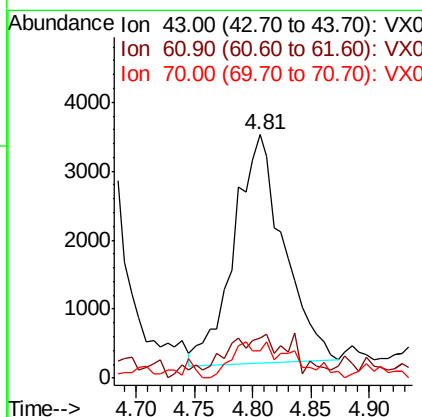
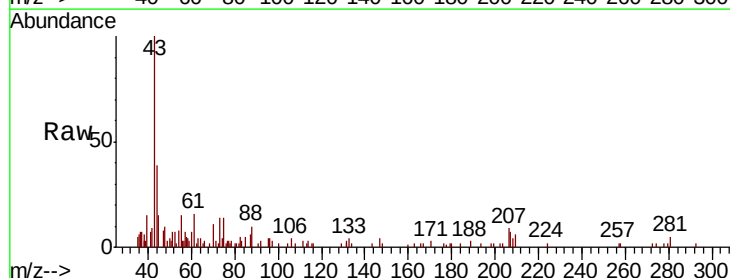
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

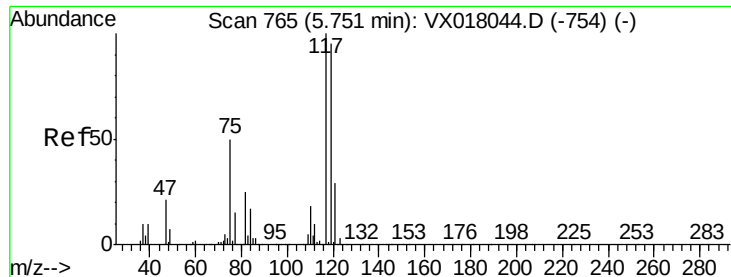
Tot Ion	Ratio	Lower	Upper
75	100		
110	38.3	18.0	54.0
77	35.3	24.4	36.6



#37
 Ethyl Acetate
 Concen: 0.917 ug/l
 RT: 4.81 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	12.9	8.2	12.4#

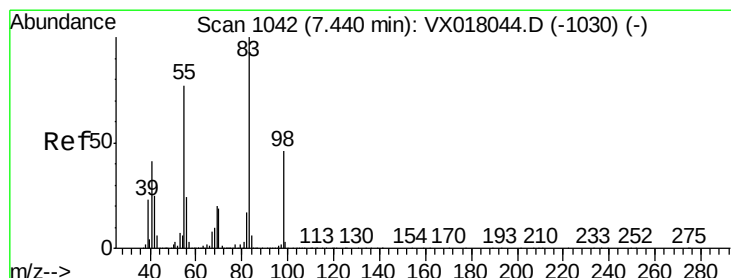
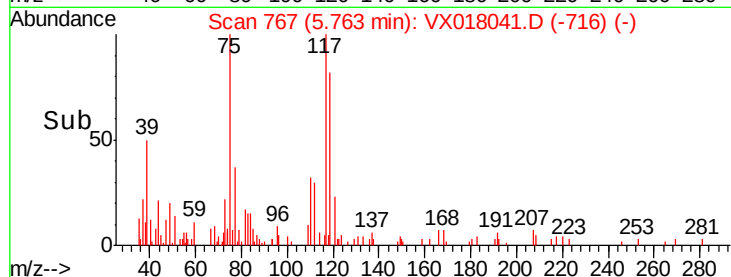
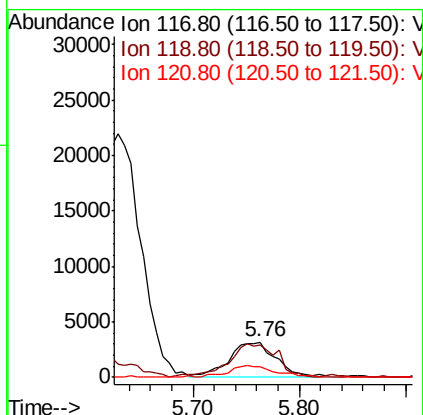
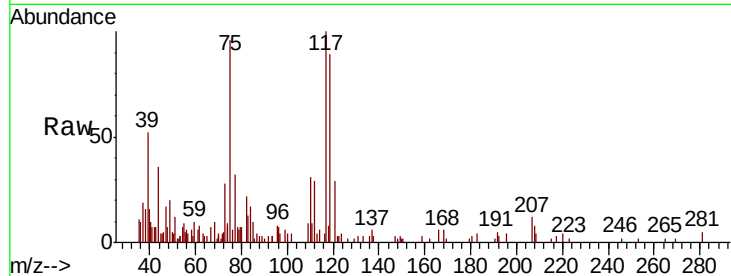




#38
Carbon Tetrachloride
Concen: 0.981 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

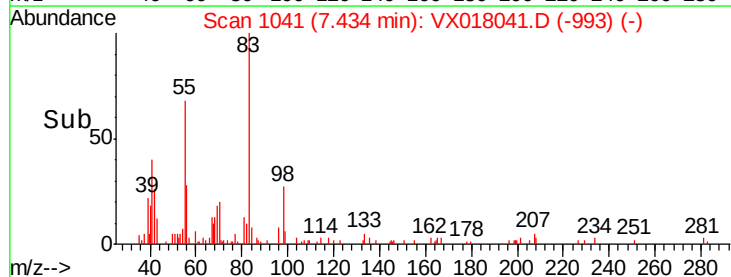
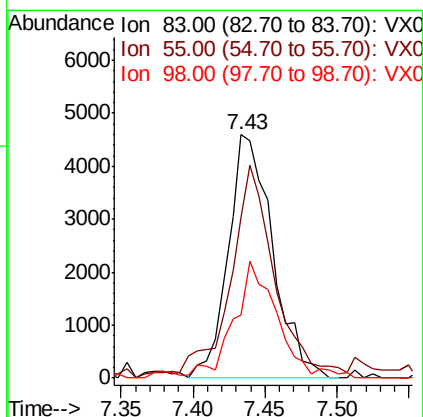
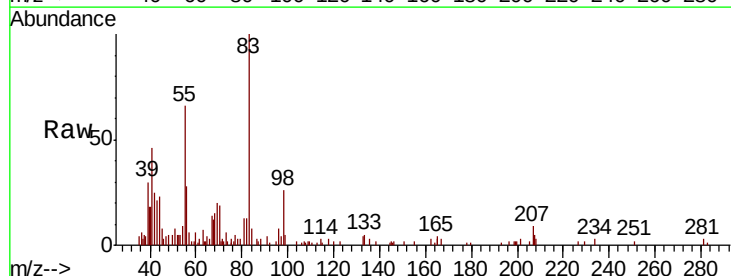
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

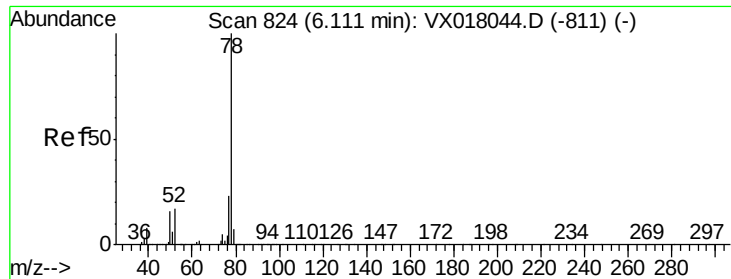
Tot Ion	Ratio	Lower	Upper
117	100		
119	84.0	75.8	113.6
121	28.9	23.4	35.0



#39
Methylcyclohexane
Concen: 1.006 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
83	100		
55	61.5	61.8	92.6#
98	24.6	36.6	55.0#





#40

Benzene

Concen: 1.000 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

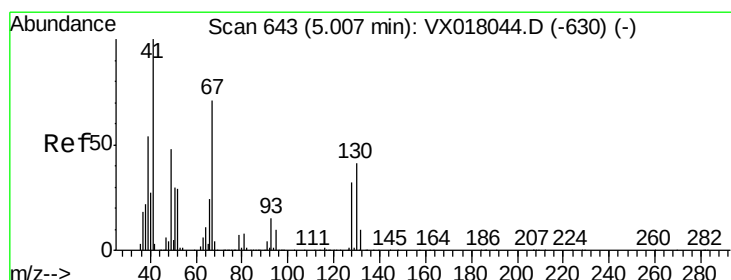
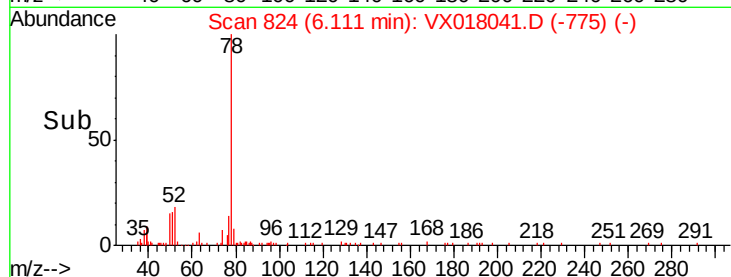
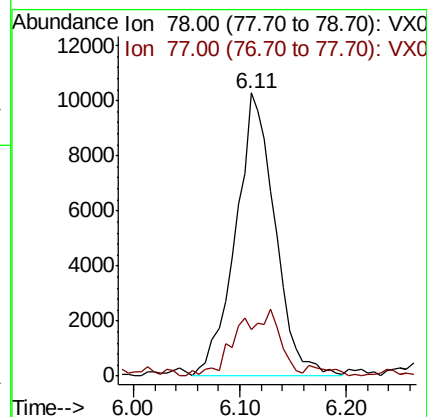
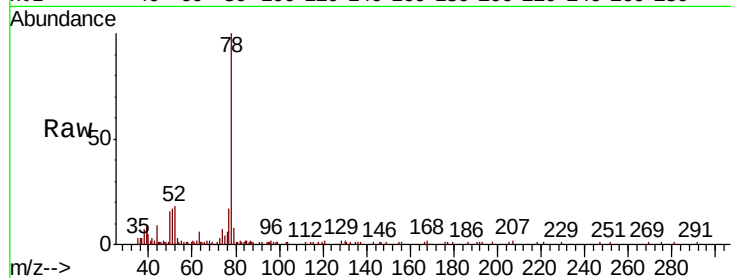
VSTDIC001

Tot Ion: 78 Resp: 26602

Ion Ratio Lower Upper

78 100

77 15.4 18.2 27.2#



#41

Methacrylonitrile

Concen: 0.428 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion: 41 Resp: 2363

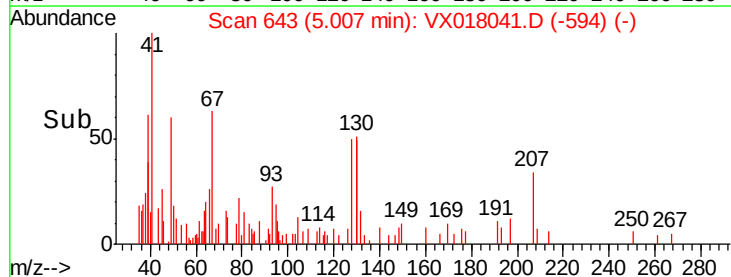
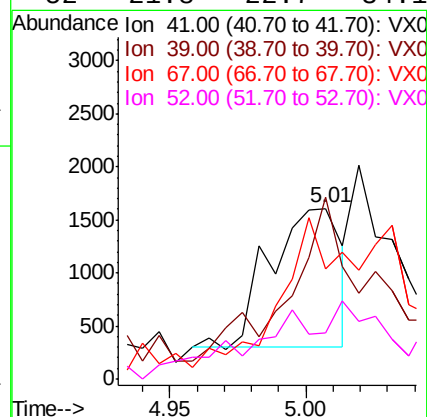
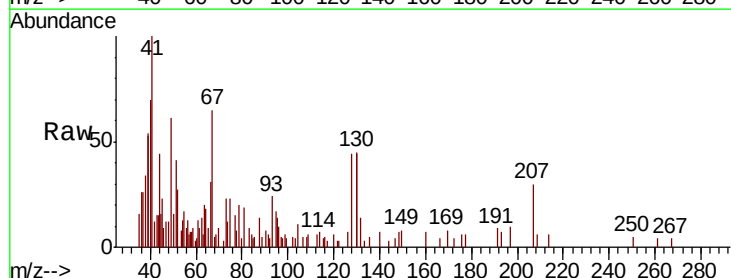
Ion Ratio Lower Upper

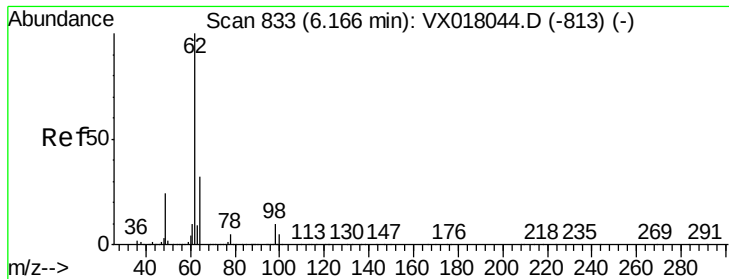
41 100

39 147.9 43.1 64.7#

67 101.4 56.0 84.0#

52 21.8 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.998 ug/l

RT: 6.17 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

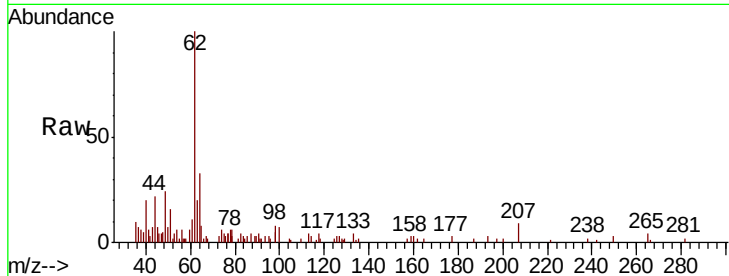
VSTDIC001

Tot Ion: 62 Resp: 10208

Ion Ratio Lower Upper

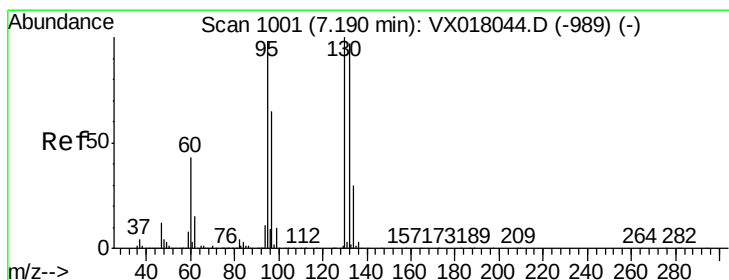
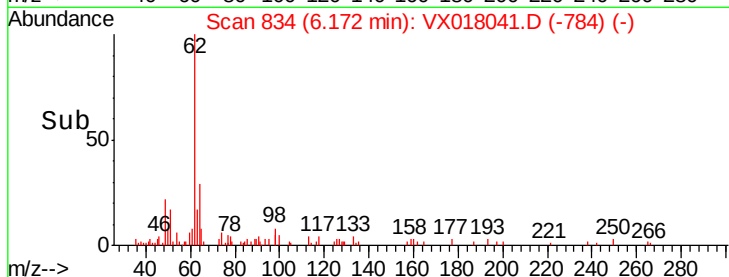
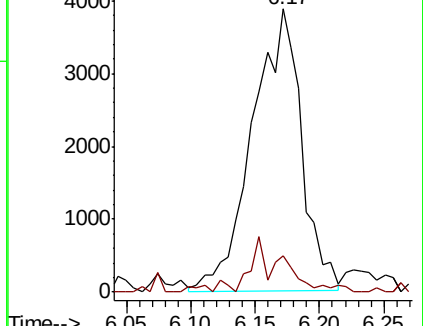
62 100

98 5.2 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#44

Trichloroethene

Concen: 0.969 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX018041.D

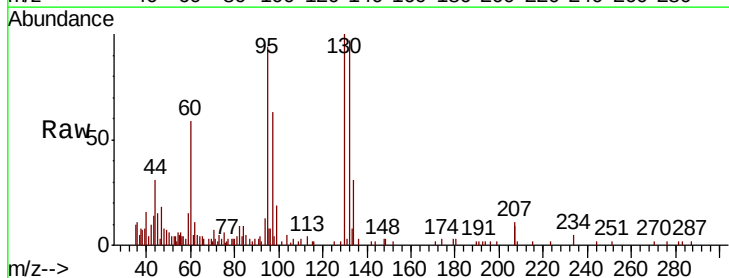
Acq: 20 Aug 2020 18:36

Tgt Ion: 130 Resp: 7440

Ion Ratio Lower Upper

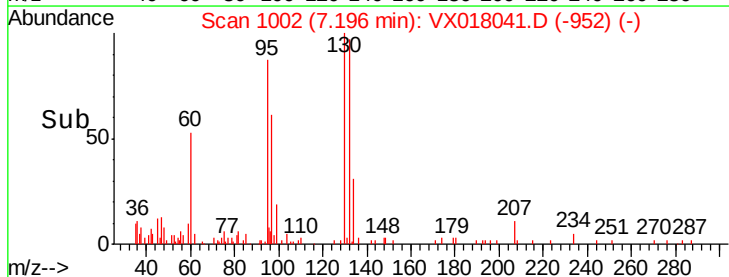
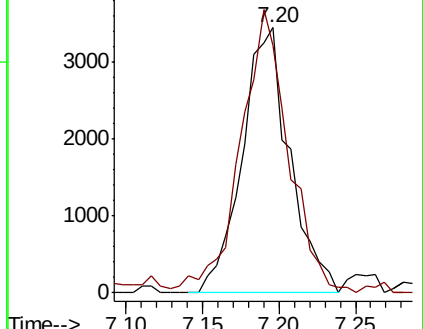
130 100

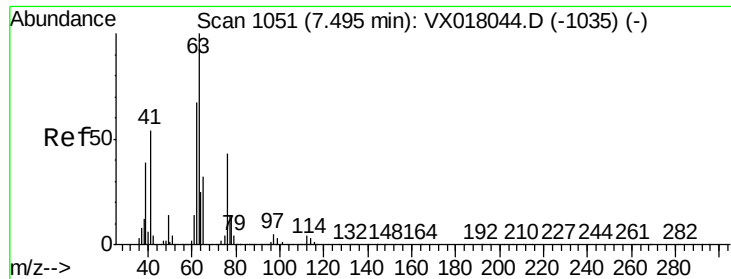
95 91.7 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

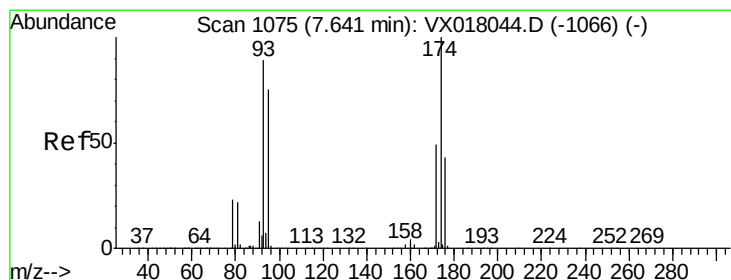
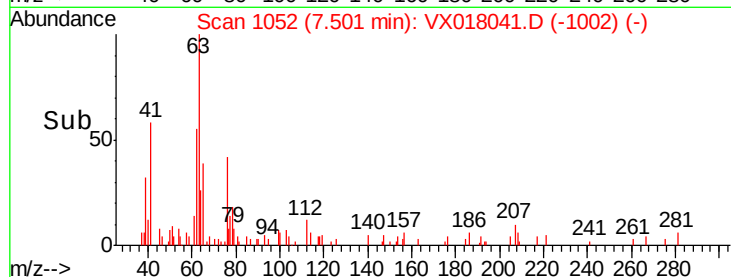
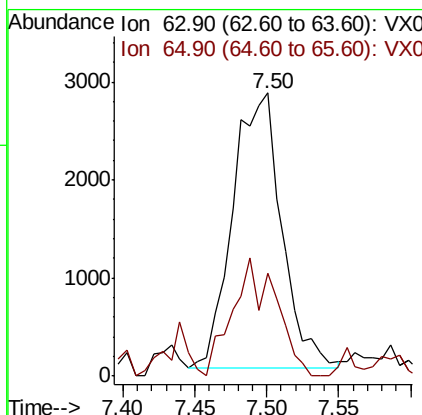
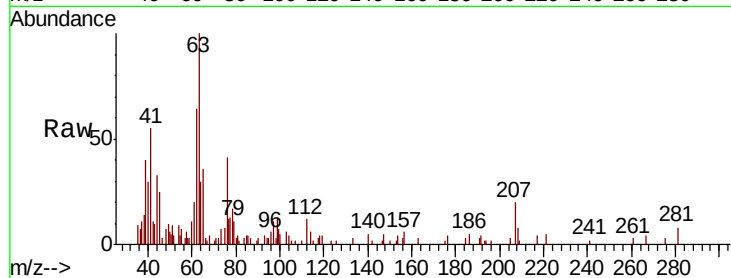




#45
 1,2-Dichloropropane
 Concen: 0.896 ug/l
 RT: 7.50 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

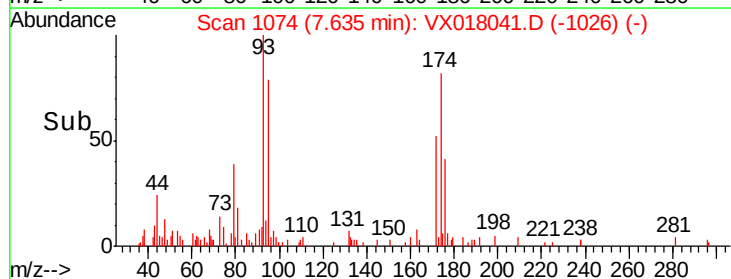
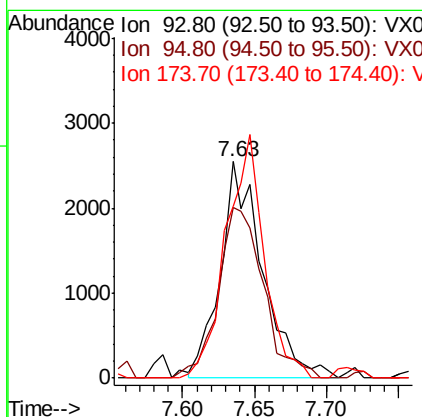
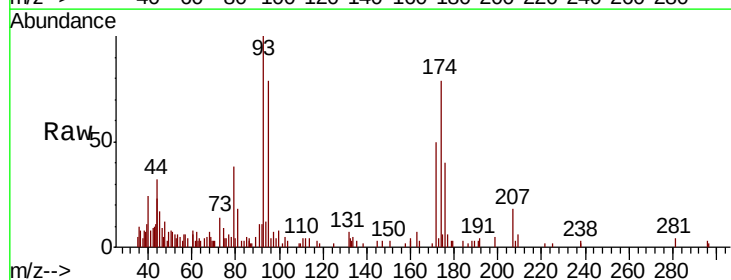
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

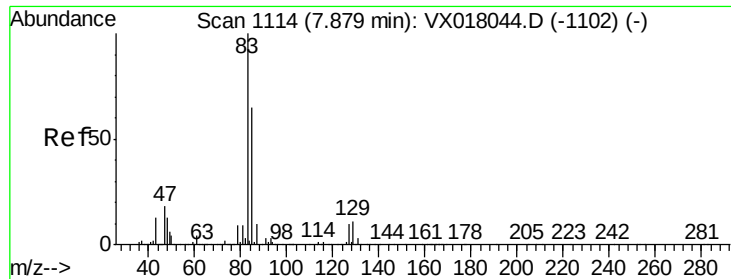
Tot Ion: 63 Resp: 6616
 Ion Ratio Lower Upper
 63 100
 65 34.1 25.7 38.5



#46
 Dibromomethane
 Concen: 1.038 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion: 93 Resp: 5228
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.3 100.9
 174 101.6 82.2 123.2





#47

Bromodichloromethane

Concen: 0.916 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

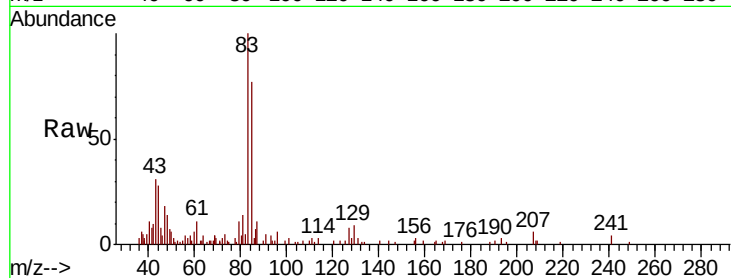
Tot Ion: 83 Resp: 9359

Ion Ratio Lower Upper

83 100

85 75.8 51.8 77.6

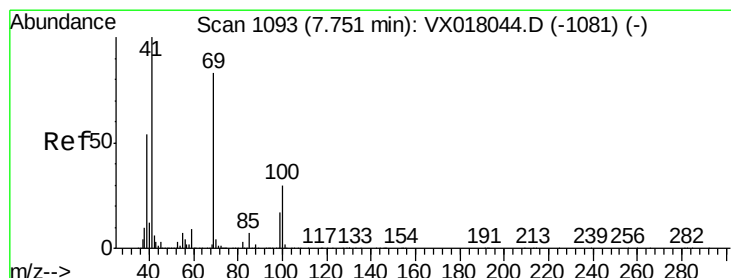
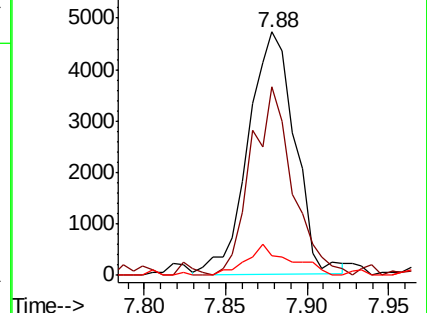
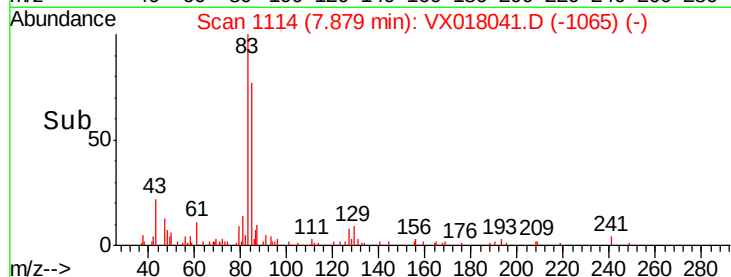
127 8.4 7.7 11.5



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: 0.933 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

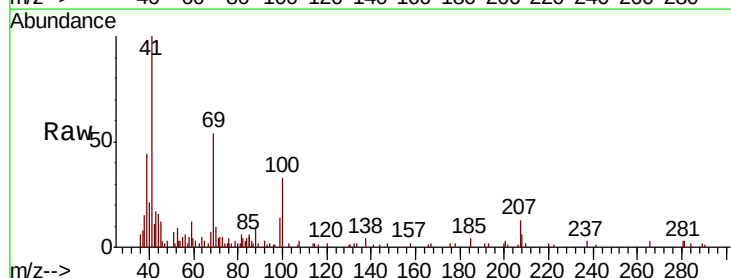
Tgt Ion: 41 Resp: 7841

Ion Ratio Lower Upper

41 100

69 71.2 65.5 98.3

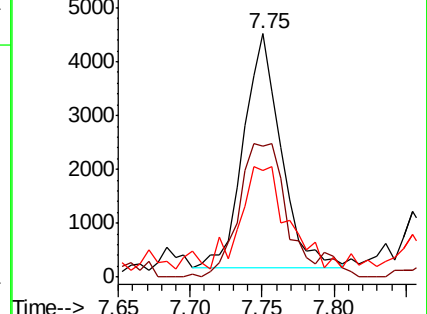
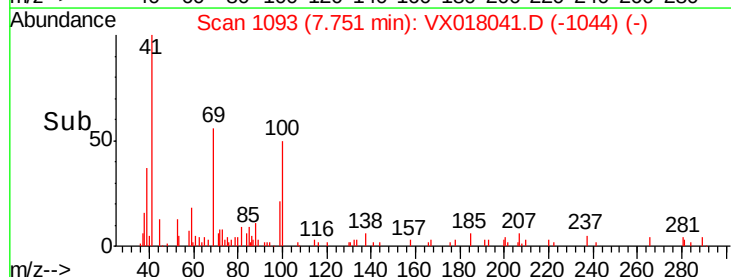
39 62.1 44.5 66.7

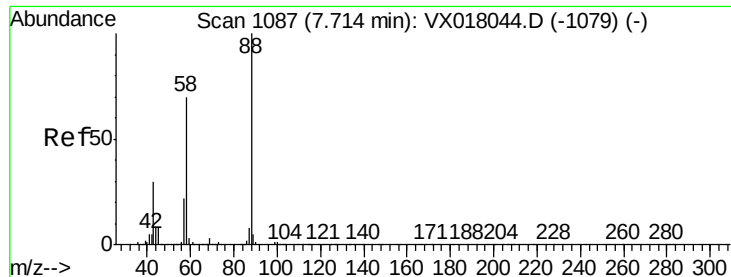


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 18.728 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

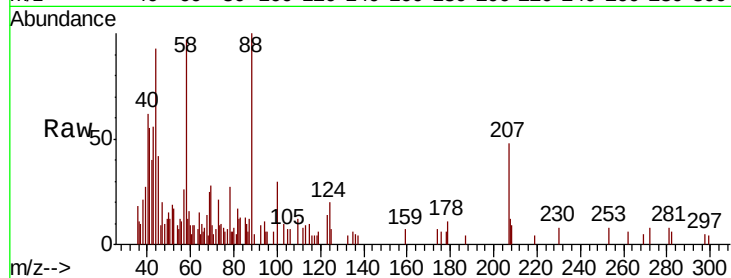
Tot Ion: 88 Resp: 2901

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

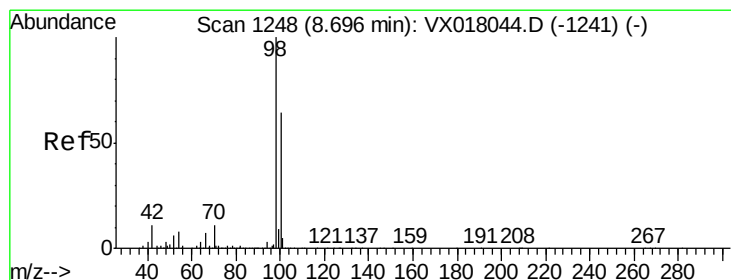
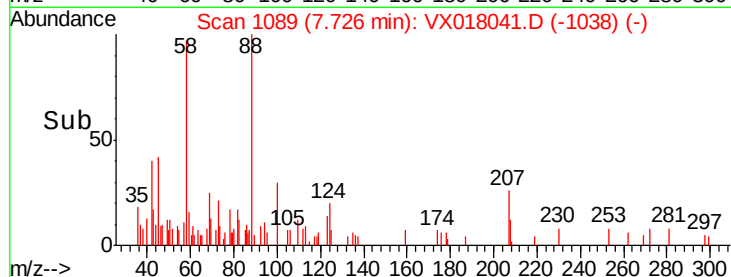
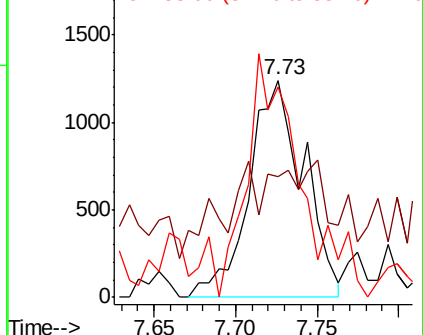
58 108.9 56.4 84.6#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 1.133 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018041.D

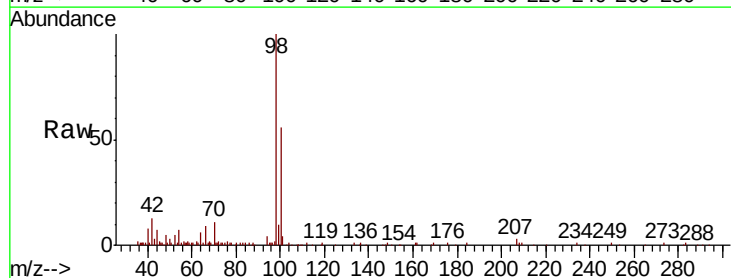
Acq: 20 Aug 2020 18:36

Tgt Ion: 98 Resp: 28295

Ion Ratio Lower Upper

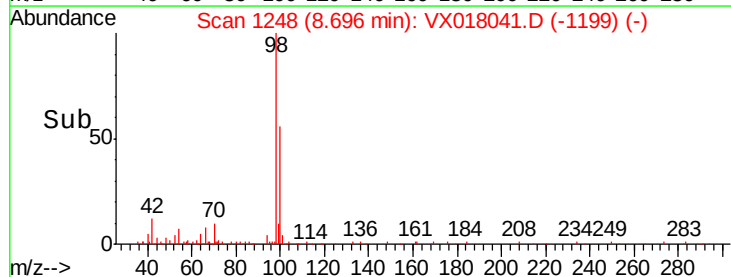
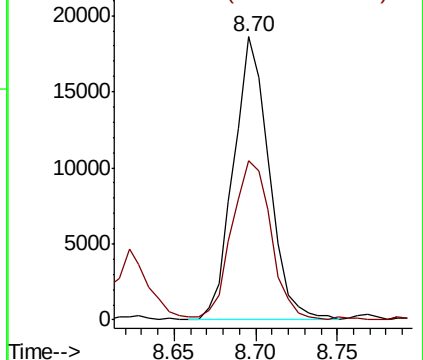
98 100

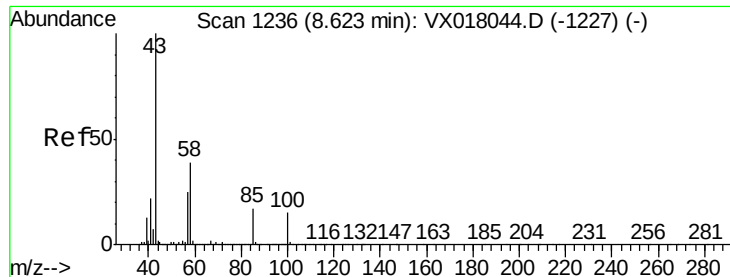
100 62.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

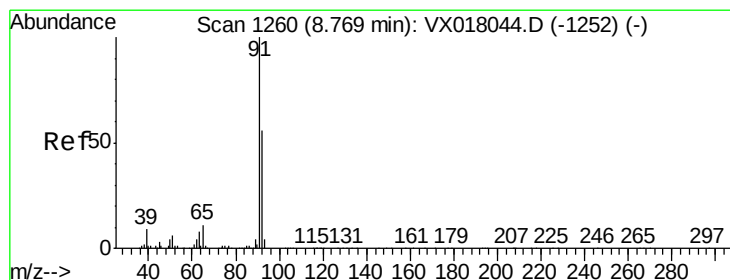
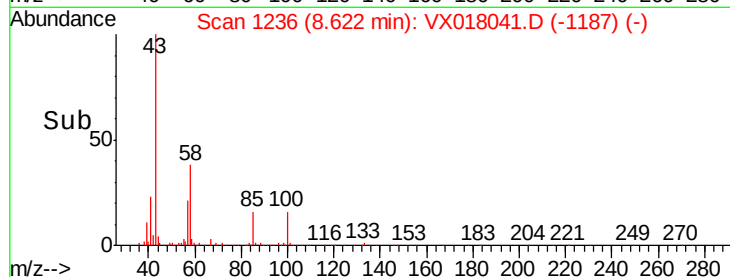
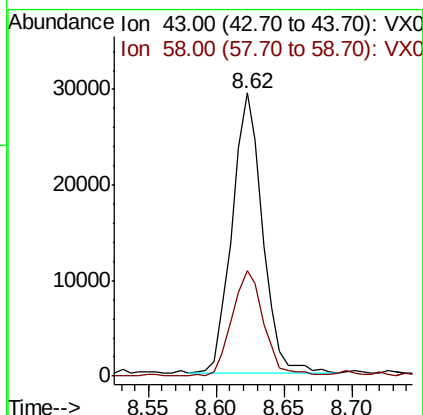
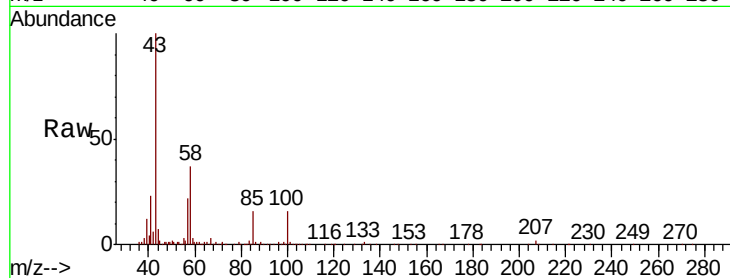




#51
 4-Methyl-2-Pentanone
 Concen: 4.350 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

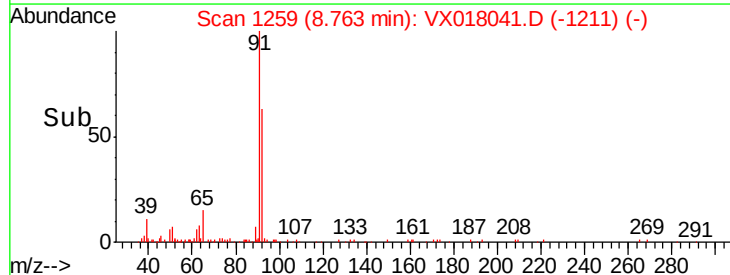
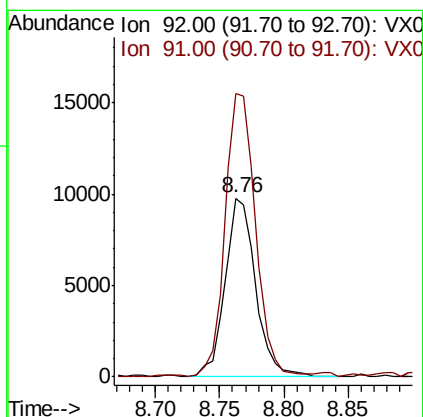
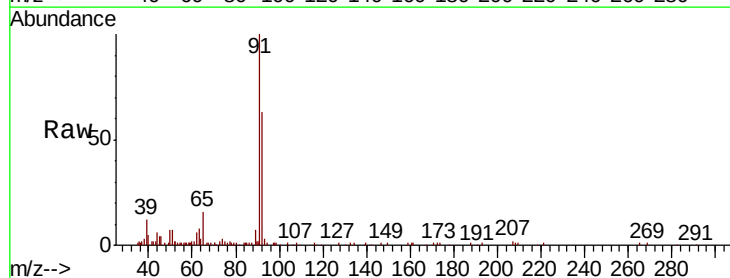
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

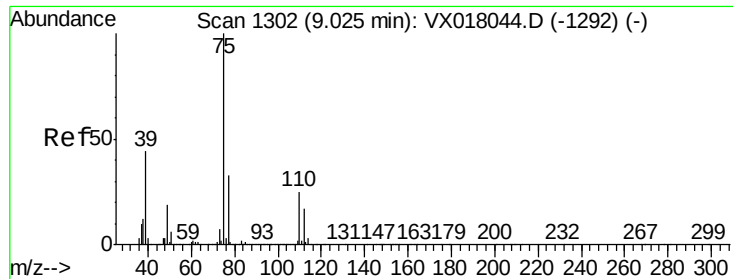
Tot Ion: 43 Resp: 45734
 Ion Ratio Lower Upper
 43 100
 58 39.6 30.7 46.1



#52
 Toluene
 Concen: 0.971 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion: 92 Resp: 16300
 Ion Ratio Lower Upper
 92 100
 91 156.4 140.3 210.5

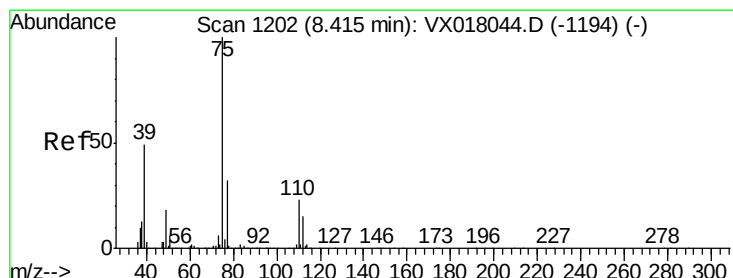
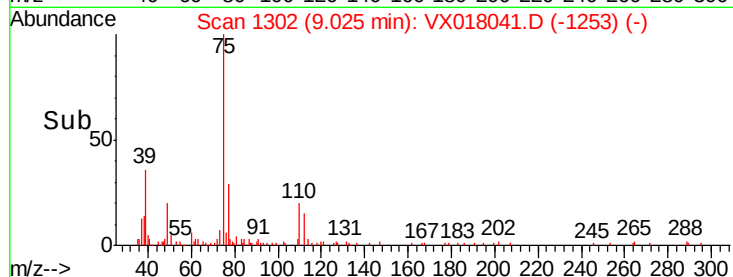
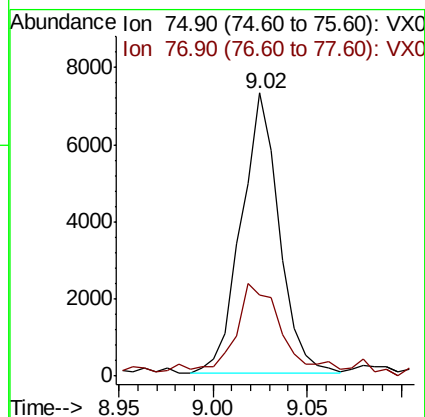
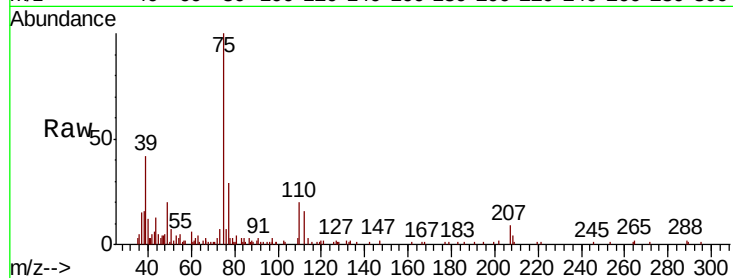




#53
t-1,3-Dichloropropene
Concen: 0.911 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

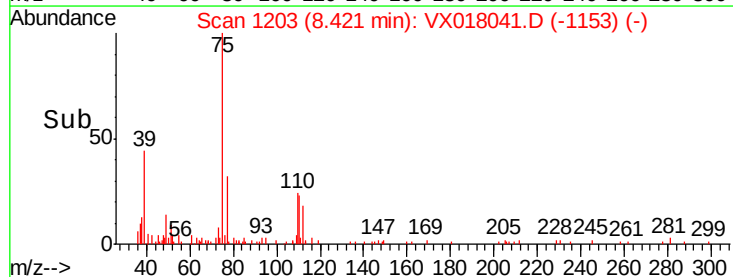
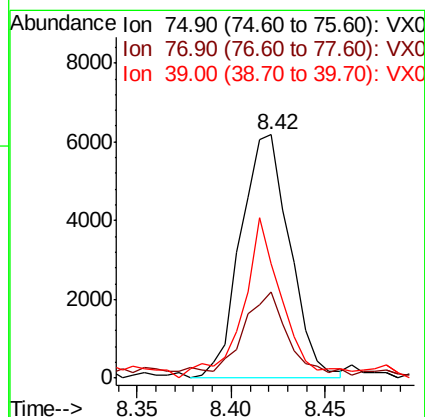
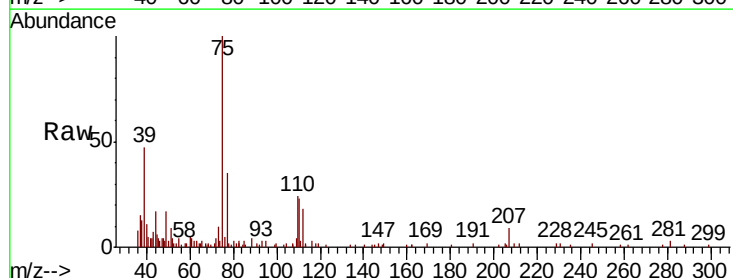
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

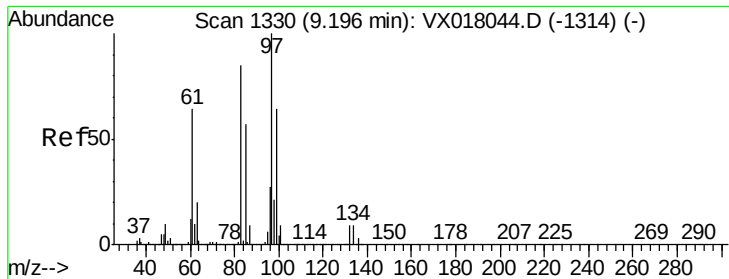
Tot Ion: 75 Resp: 10129
Ion Ratio Lower Upper
75 100
77 26.8 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 0.955 ug/l
RT: 8.42 min Scan# 1203
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion: 75 Resp: 11175
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8
39 43.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 0.947 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 6861

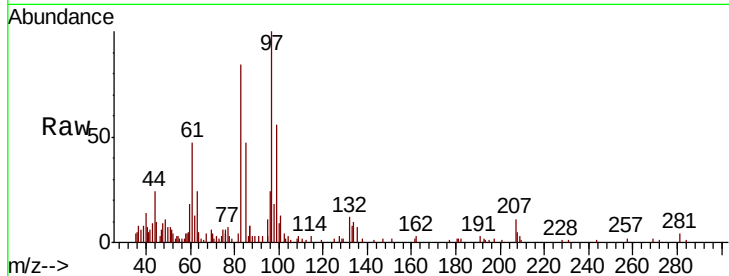
Ion Ratio Lower Upper

97 100

83 85.0 67.8 101.6

85 46.9 45.3 67.9

99 54.3 50.9 76.3

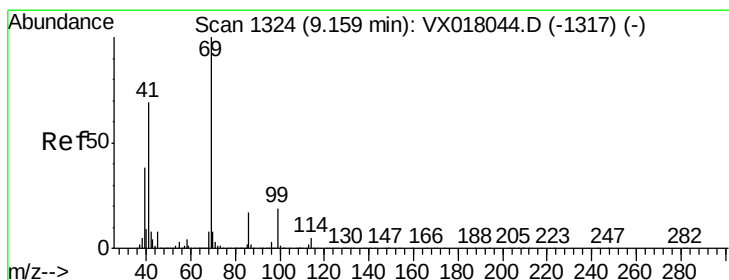
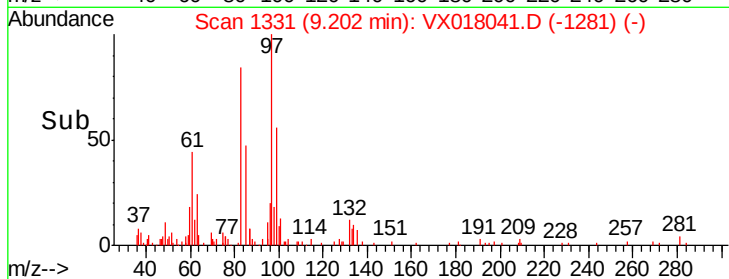
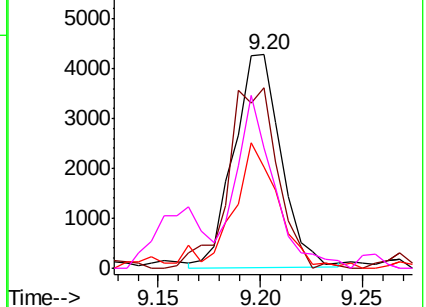


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 0.864 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

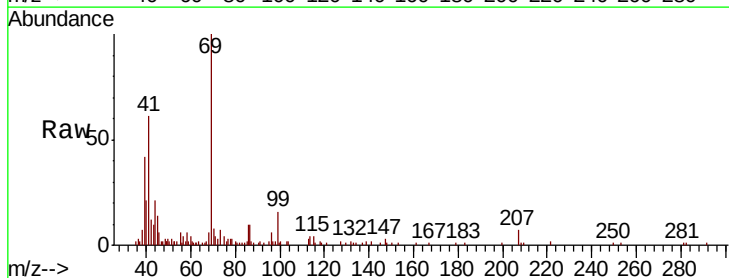
Tgt Ion: 69 Resp: 9261

Ion Ratio Lower Upper

69 100

41 59.0 54.6 81.8

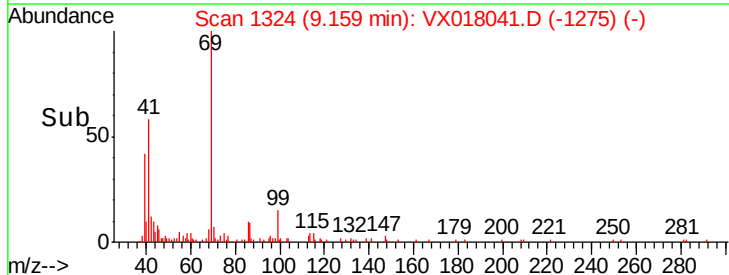
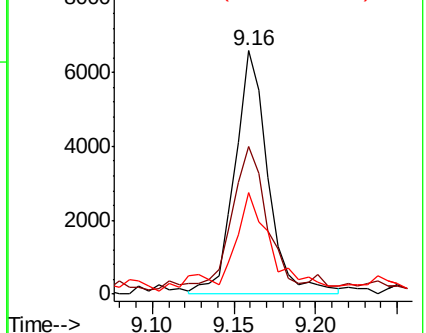
39 41.0 29.1 43.7

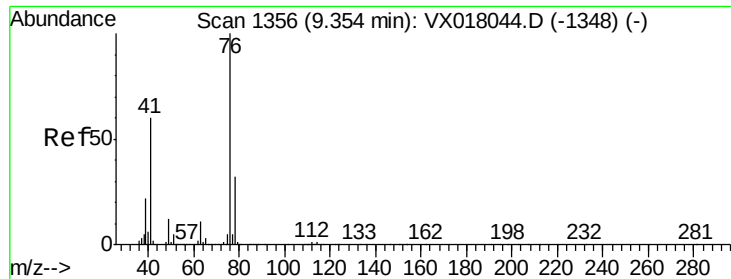


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 0.898 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

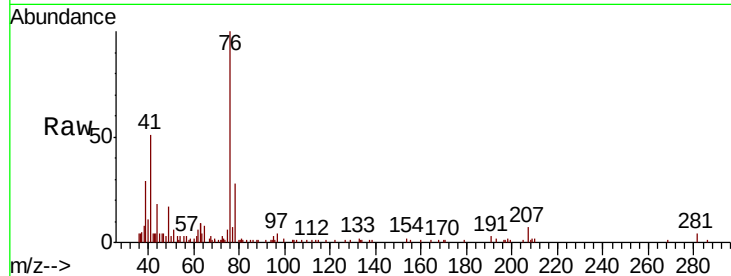
VSTDIC001

Tot Ion: 76 Resp: 10696

Ion Ratio Lower Upper

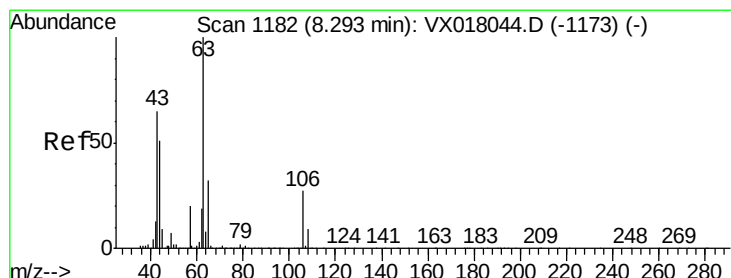
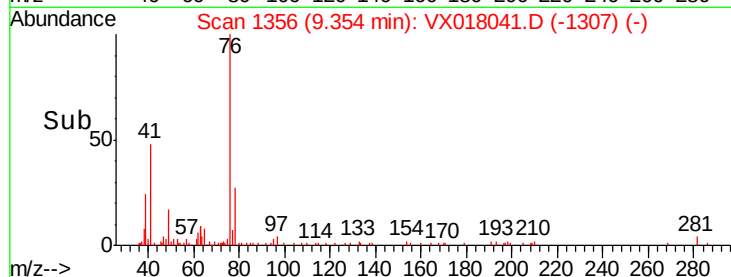
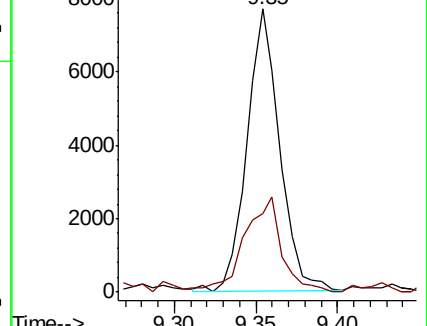
76 100

78 38.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 4.111 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018041.D

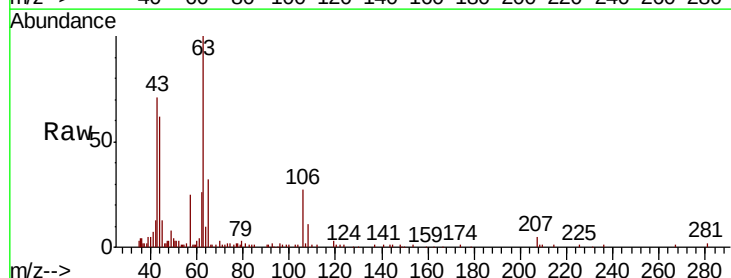
Acq: 20 Aug 2020 18:36

Tgt Ion: 63 Resp: 20065

Ion Ratio Lower Upper

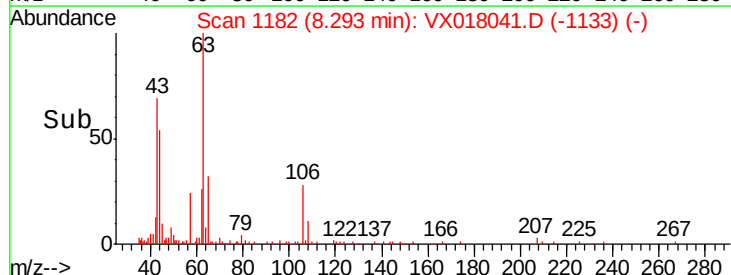
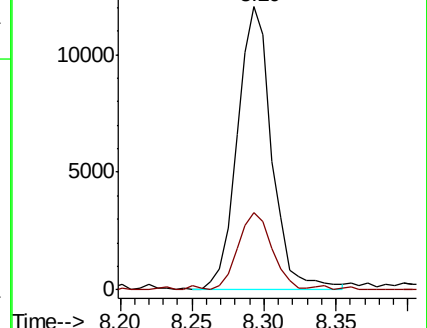
63 100

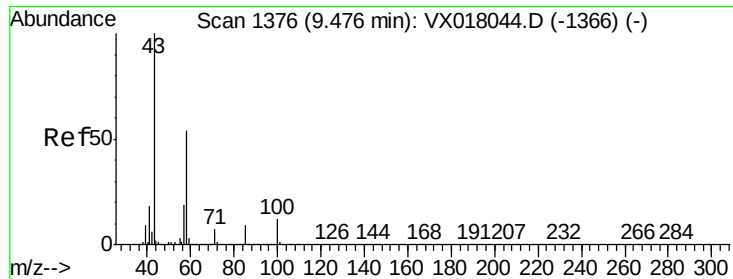
106 26.9 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

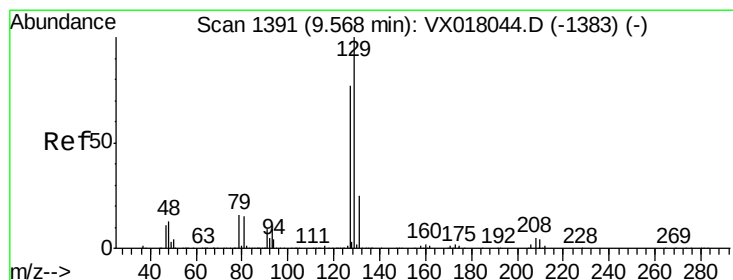
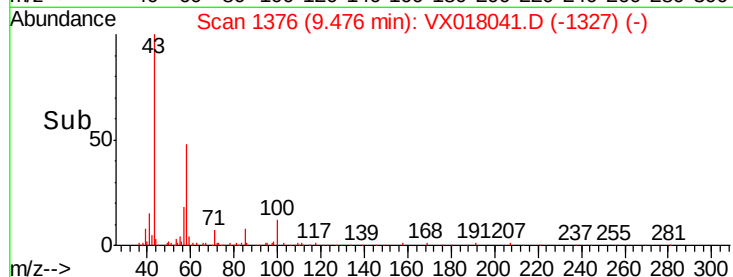
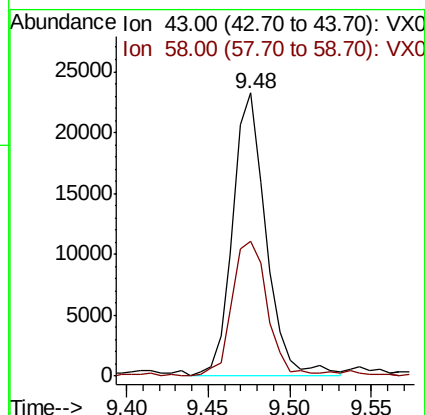
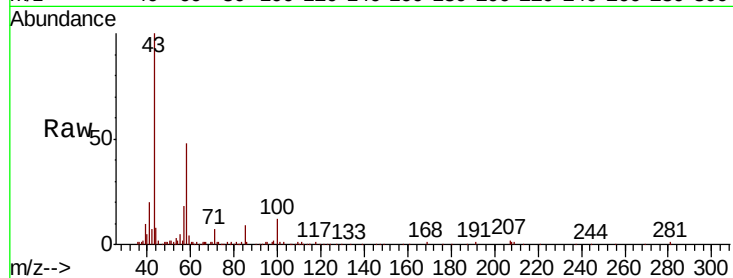




#59
2-Hexanone
Concen: 4.112 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

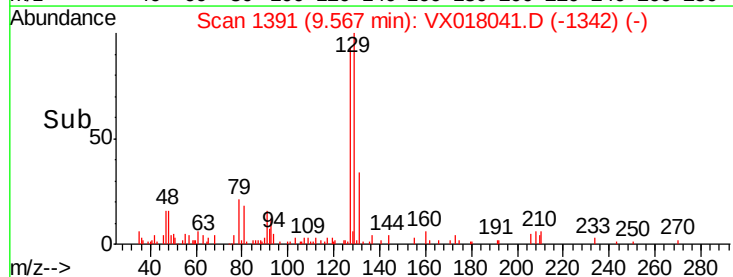
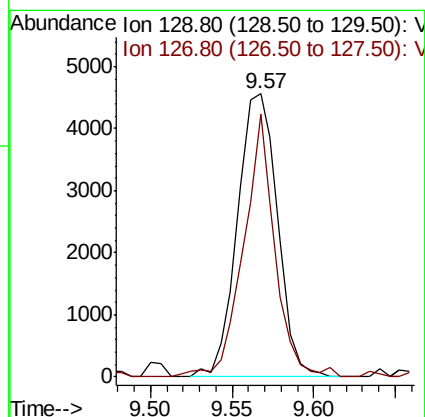
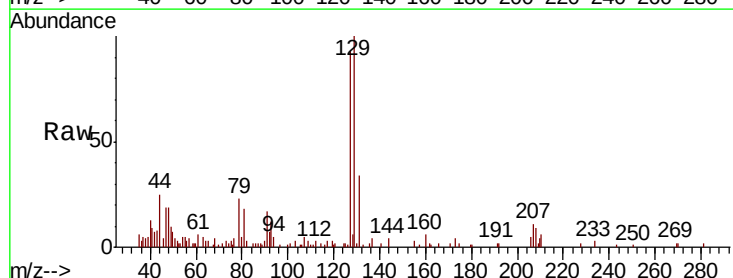
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

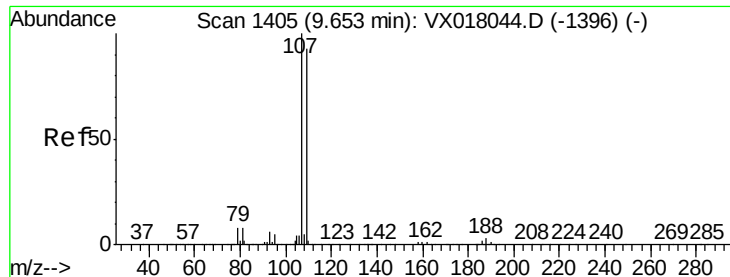
Tot Ion: 43 Resp: 33154
Ion Ratio Lower Upper
43 100
58 49.9 26.6 79.7



#60
Dibromochloromethane
Concen: 0.929 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion: 129 Resp: 7803
Ion Ratio Lower Upper
129 100
127 72.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 0.935 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

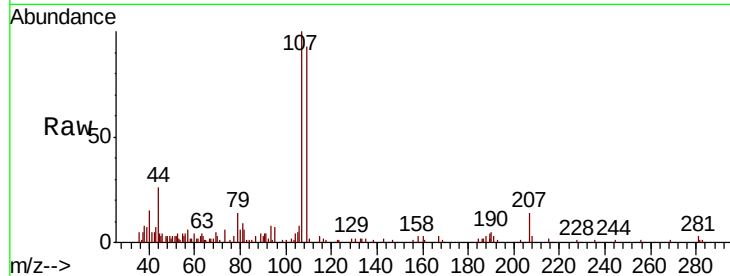
VSTDIC001

Tot Ion: 107 Resp: 7323

Ion Ratio Lower Upper

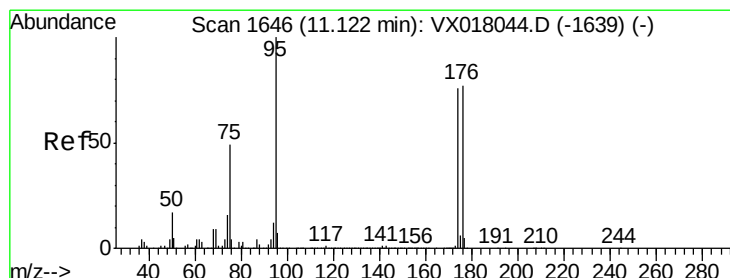
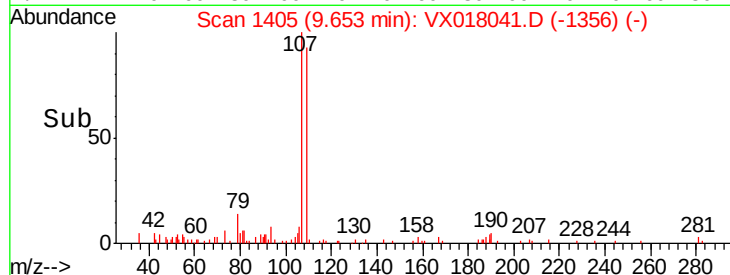
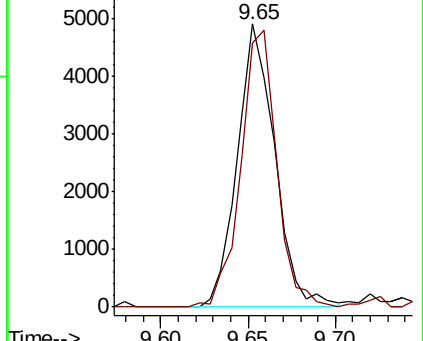
107 100

109 93.7 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: 1.525 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

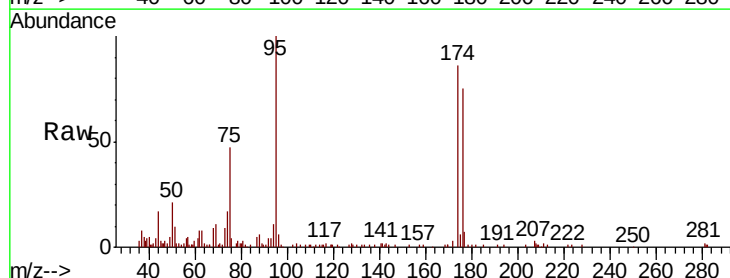
Tgt Ion: 95 Resp: 14993

Ion Ratio Lower Upper

95 100

174 76.3 0.0 160.2

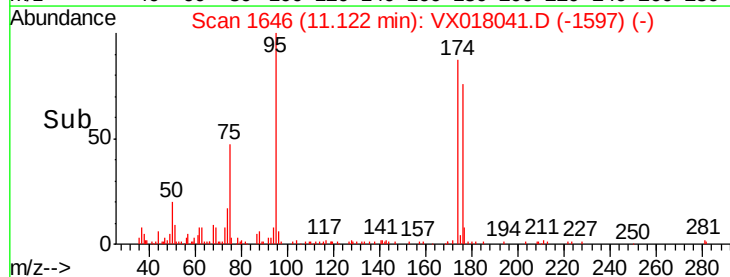
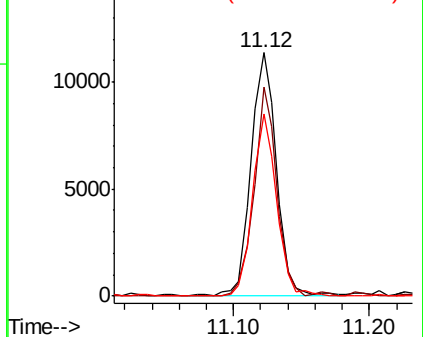
176 70.7 0.0 155.8

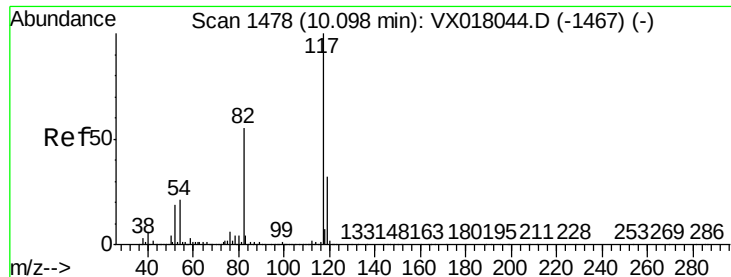


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

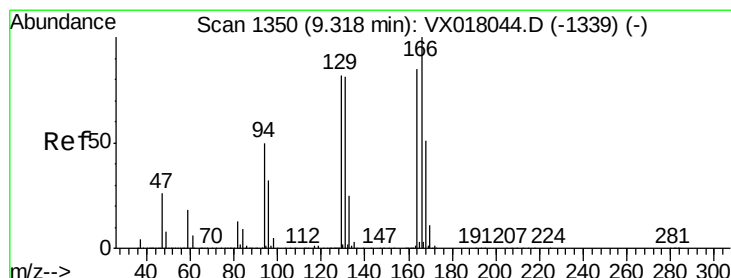
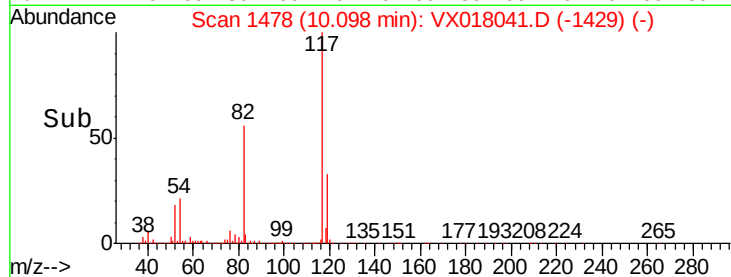
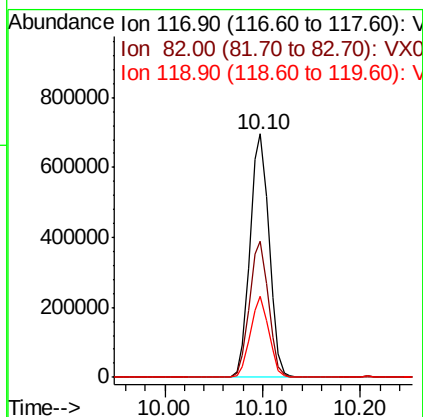
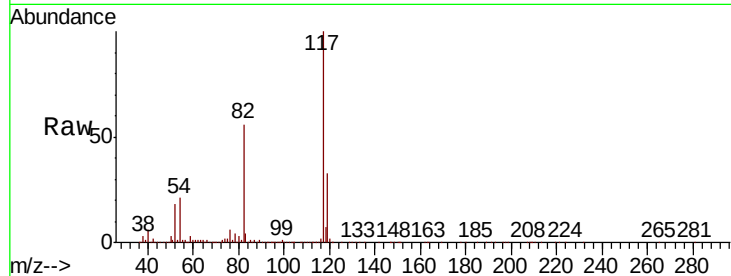




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

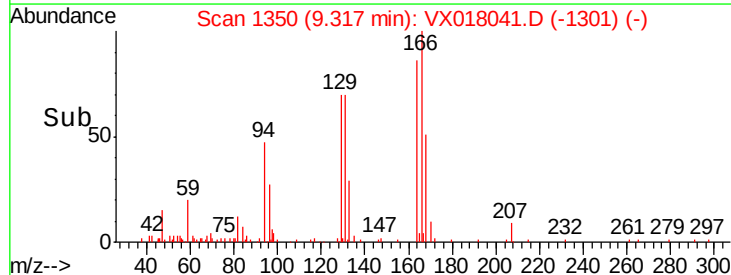
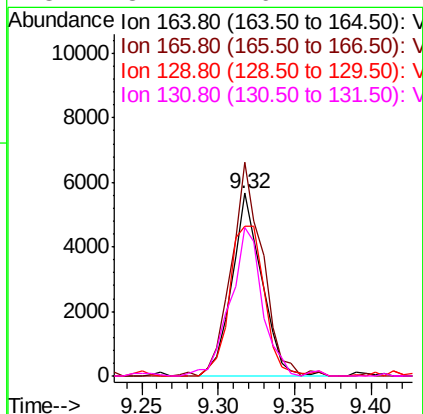
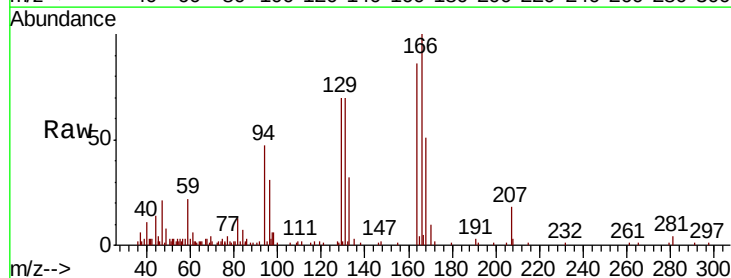
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

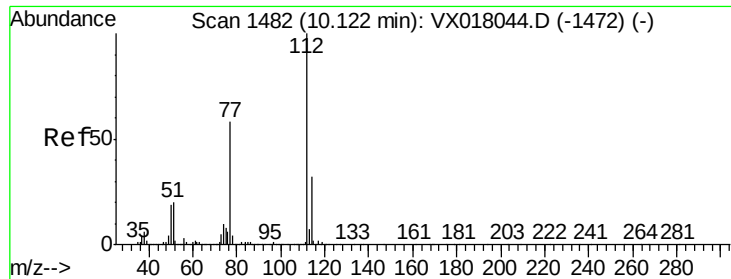
Tot Ion:117 Resp: 946343
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 33.2 25.7 38.5



#64
Tetrachloroethene
Concen: 1.125 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion:164 Resp: 7696
Ion Ratio Lower Upper
164 100
166 116.9 94.2 141.2
129 82.1 76.9 115.3
131 81.4 76.1 114.1

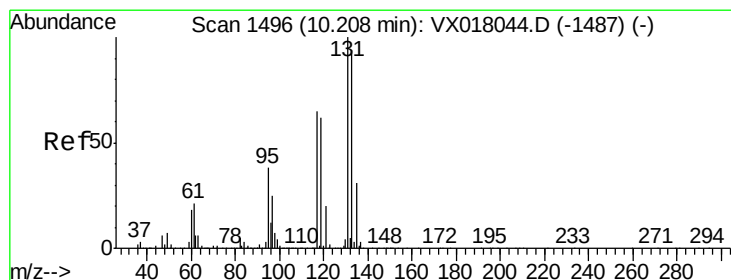
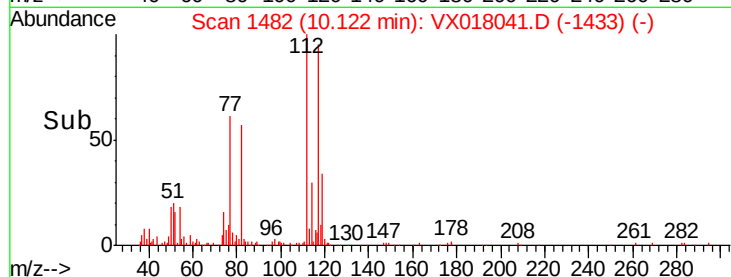
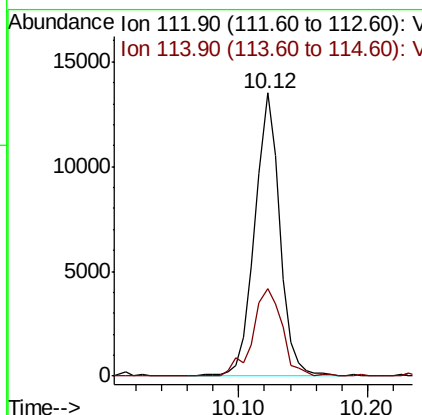
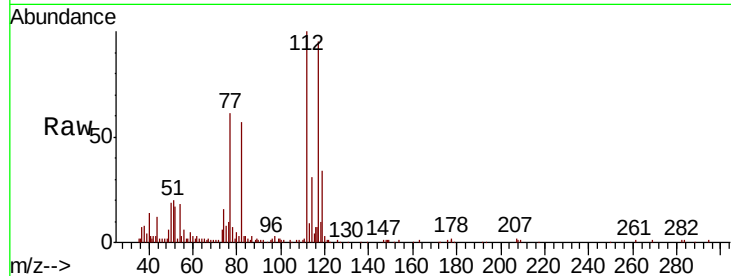




#65
Chlorobenzene
Concen: 0.947 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

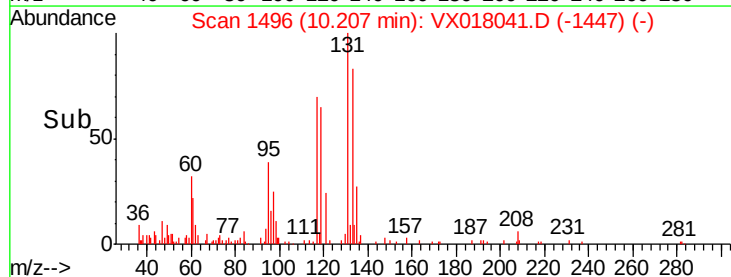
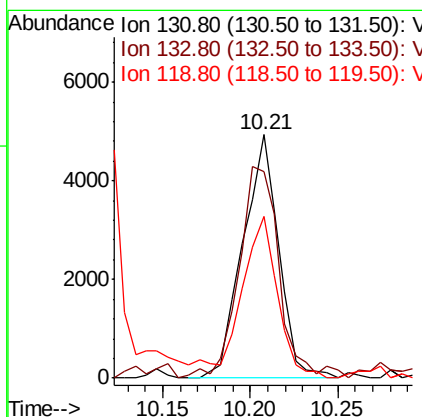
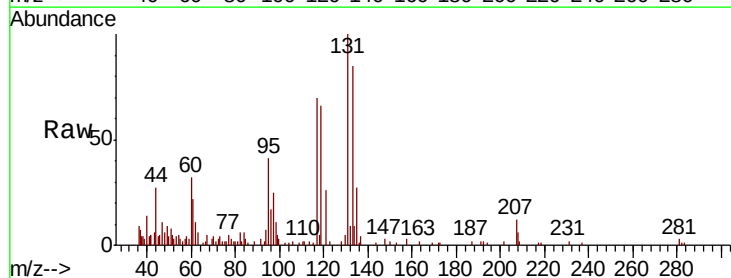
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

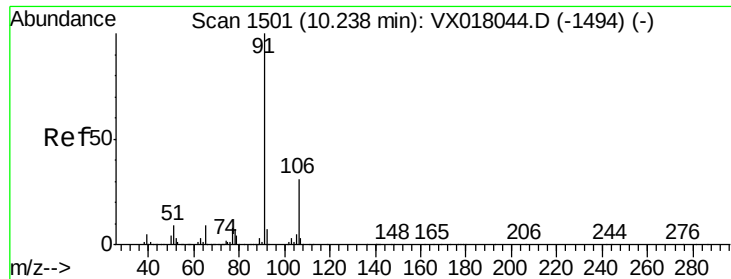
Tot Ion:112 Resp: 17961
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.947 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion:131 Resp: 7034
Ion Ratio Lower Upper
131 100
133 97.9 46.7 140.1
119 0.0 31.8 95.4#





#67

Ethyl Benzene

Concen: 0.893 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

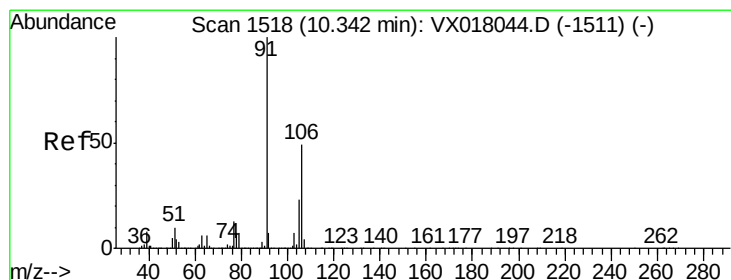
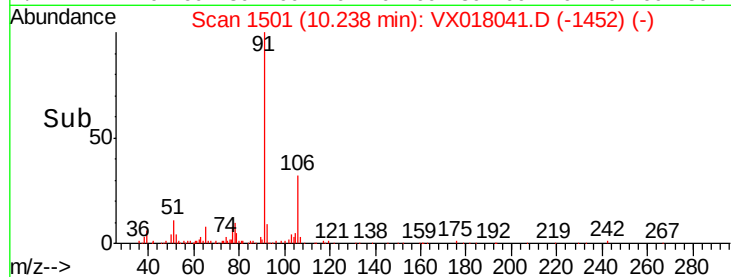
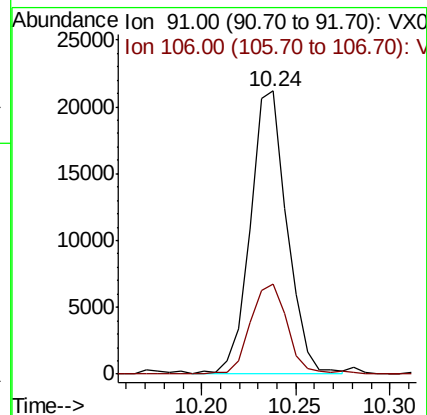
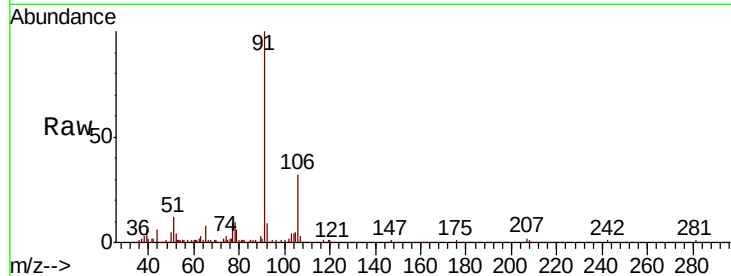
VSTDIC001

Tot Ion: 91 Resp: 28649

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3



#68

m/p-Xylenes

Concen: 1.650 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018041.D

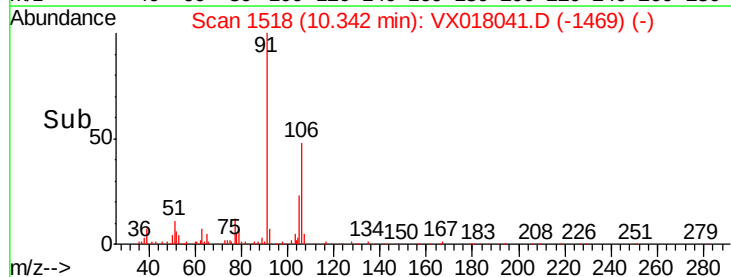
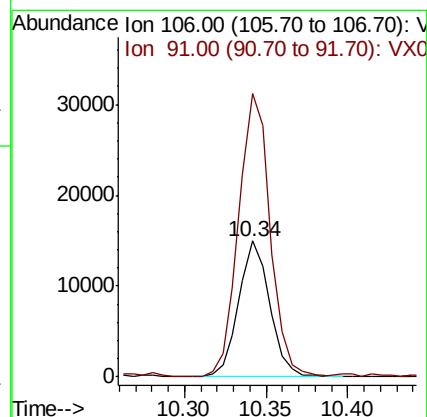
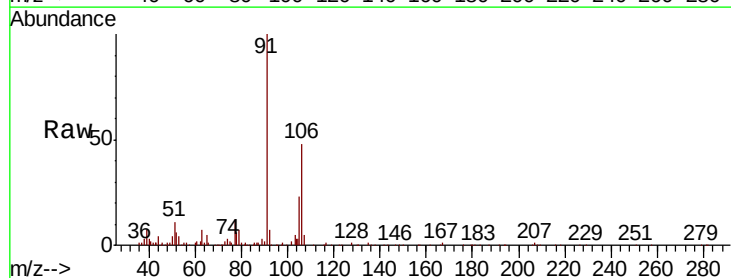
Acq: 20 Aug 2020 18:36

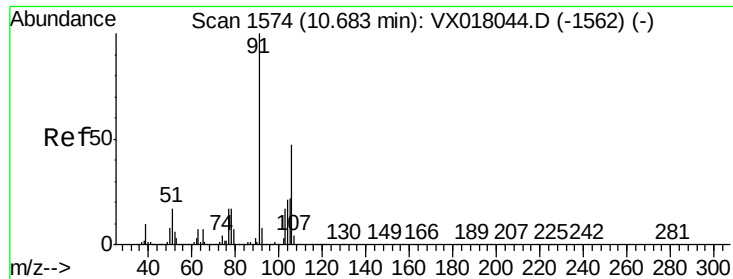
Tgt Ion: 106 Resp: 19974

Ion Ratio Lower Upper

106 100

91 211.1 162.2 243.2

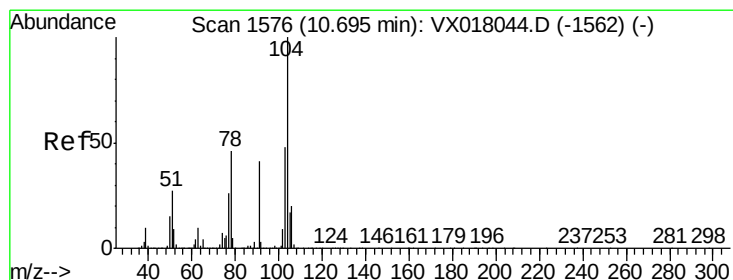
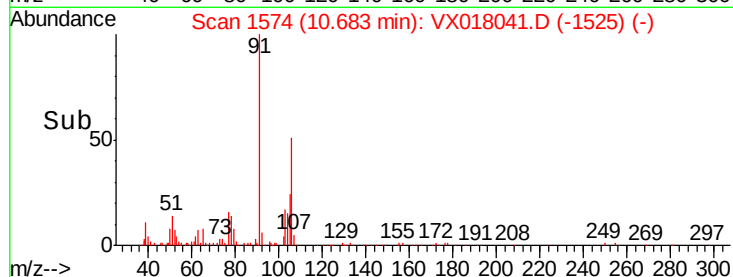
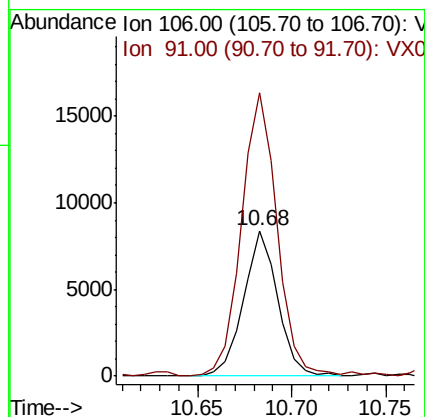
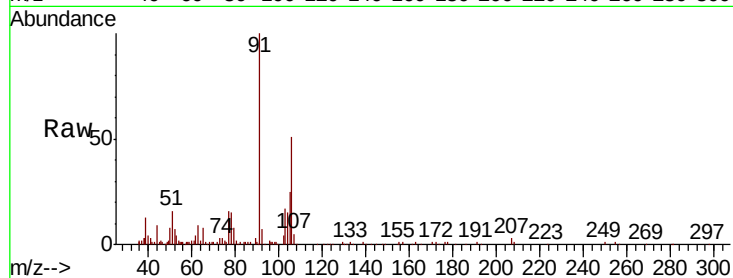




#69
o-Xylene
Concen: 0.903 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

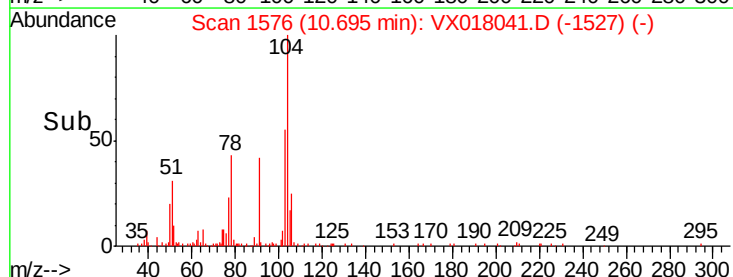
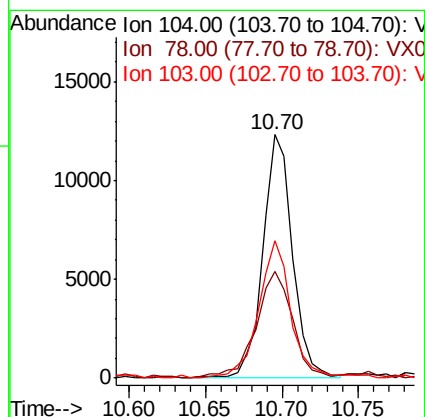
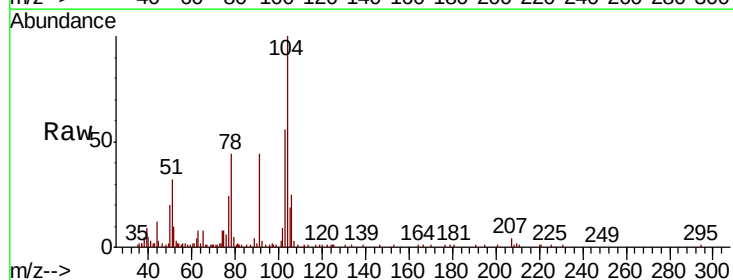
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

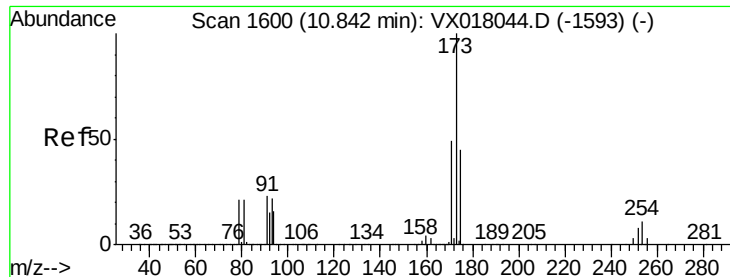
Tot Ion:106 Resp: 10508
Ion Ratio Lower Upper
106 100
91 202.9 107.1 321.3



#70
Styrene
Concen: 0.857 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion:104 Resp: 16763
Ion Ratio Lower Upper
104 100
78 53.9 40.9 61.3
103 60.7 43.6 65.4





#71

Bromoform

Concen: 0.960 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

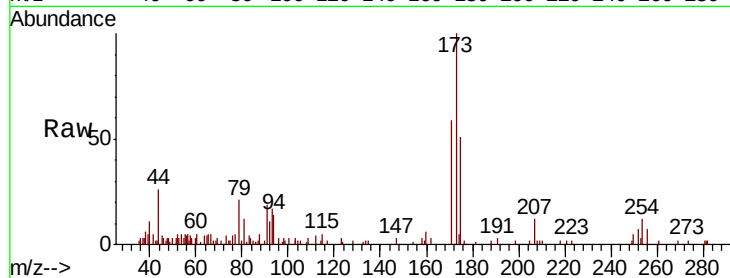
Tot Ion:173 Resp: 6038

Ion Ratio Lower Upper

173 100

175 49.8 23.9 71.8

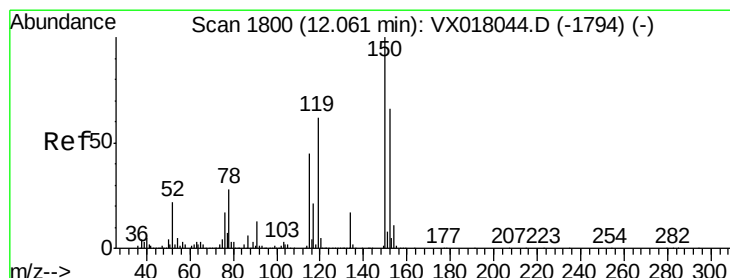
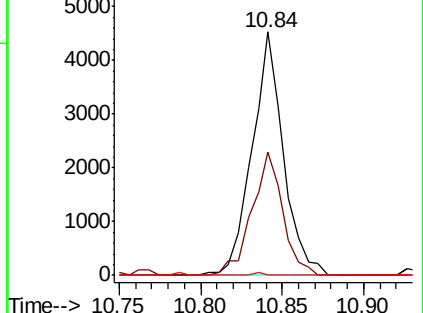
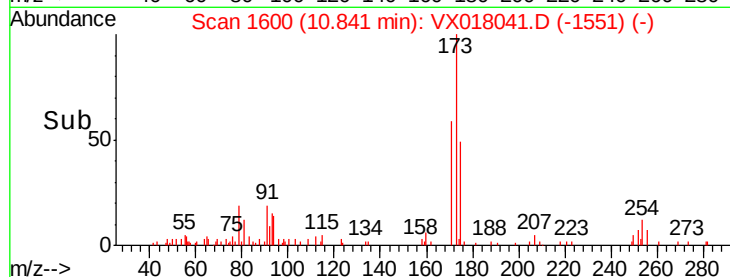
254 0.3 0.2 0.2#



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: VX018041.D

Acq: 20 Aug 2020 18:36

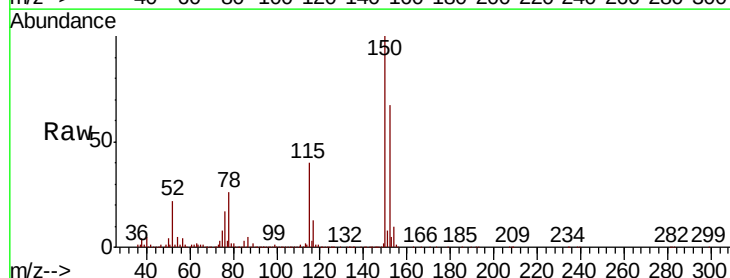
Tgt Ion:152 Resp: 458970

Ion Ratio Lower Upper

152 100

115 58.3 41.5 124.5

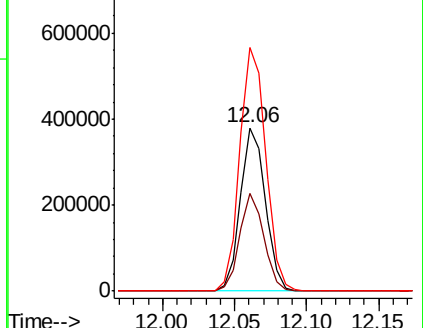
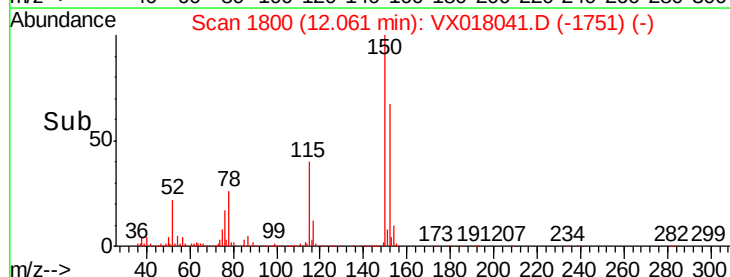
150 154.7 0.0 343.8

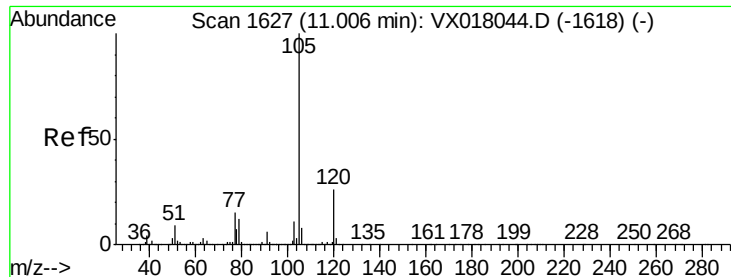


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.869 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

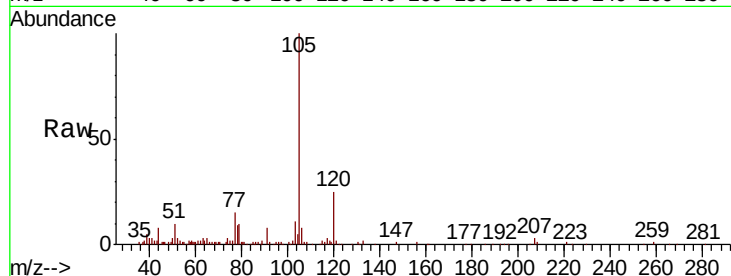
VSTDIC001

Tot Ion:105 Resp: 26377

Ion Ratio Lower Upper

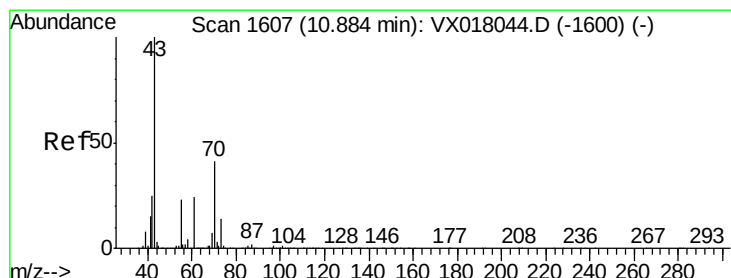
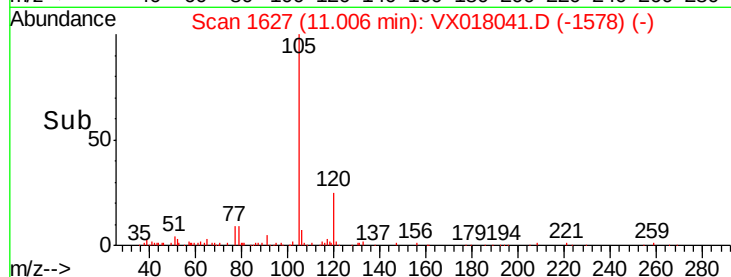
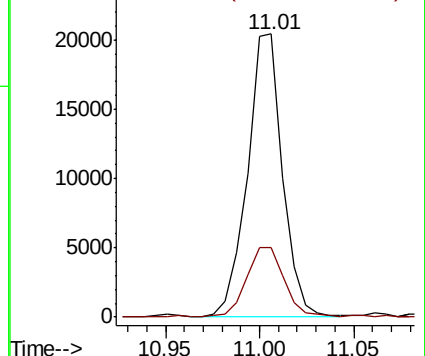
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.815 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion: 43 Resp: 11735

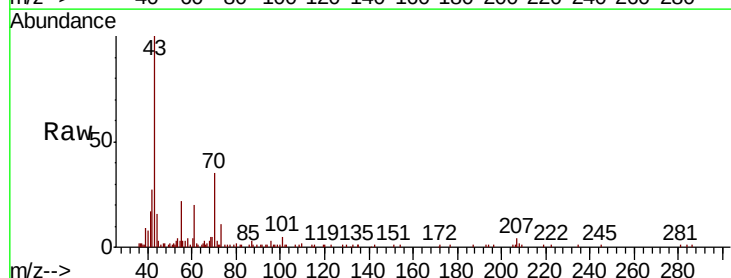
Ion Ratio Lower Upper

43 100

70 37.9 32.3 48.5

55 27.6 18.2 27.2#

61 25.6 18.9 28.3

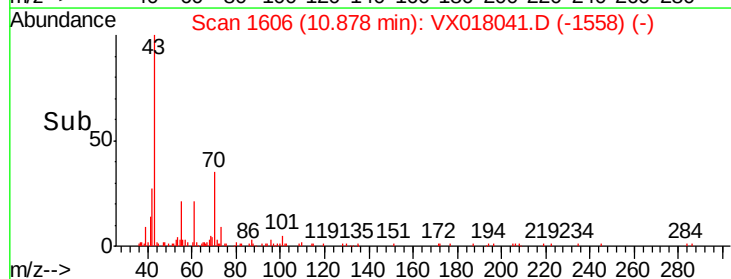
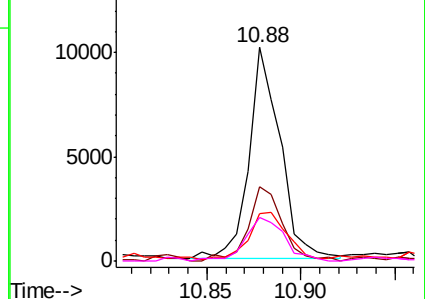


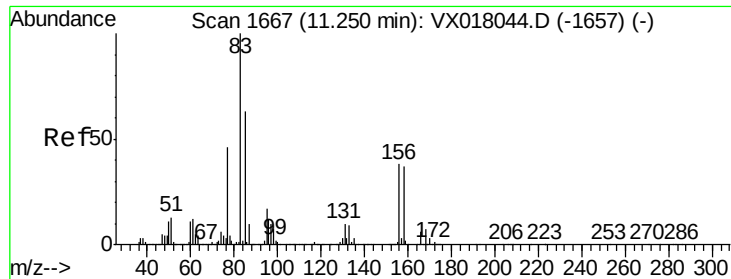
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.050 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

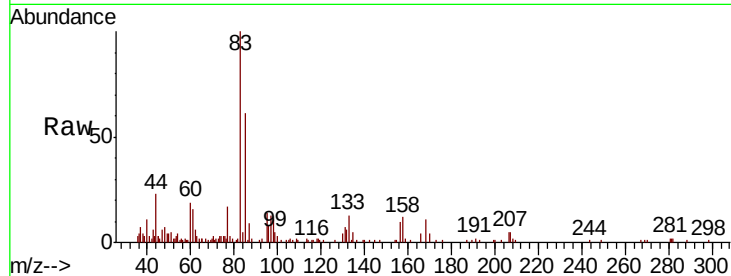
Tot Ion: 83 Resp: 10984

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

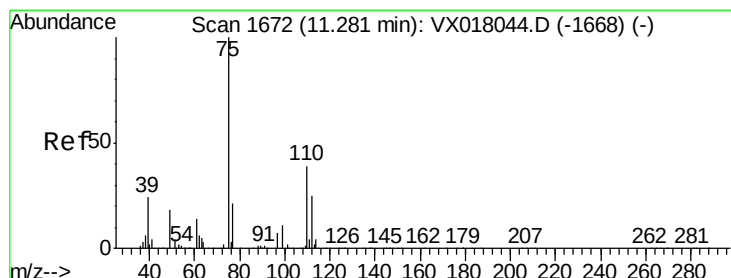
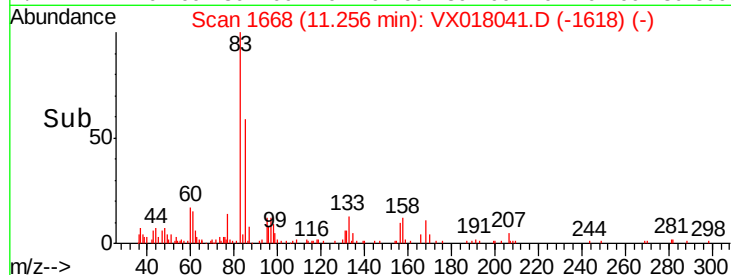
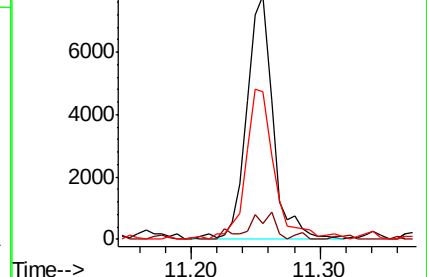
85 67.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.235 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018041.D

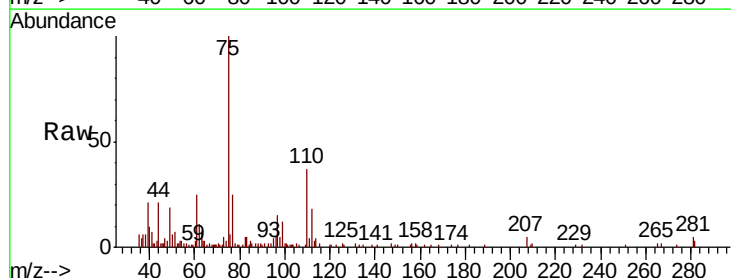
Acq: 20 Aug 2020 18:36

Tgt Ion: 75 Resp: 12529

Ion Ratio Lower Upper

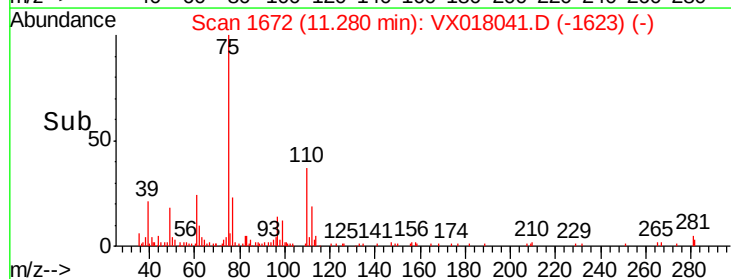
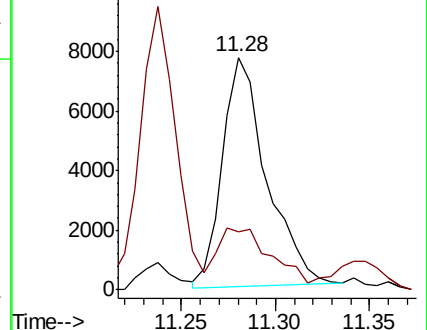
75 100

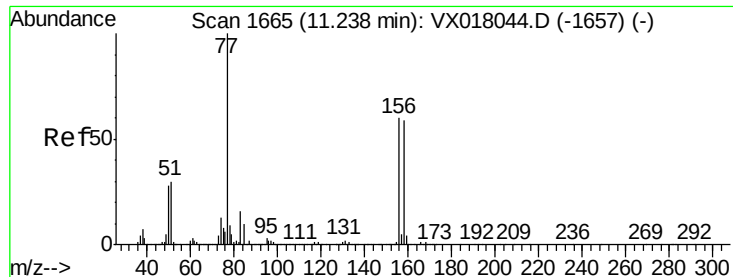
77 32.2 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.979 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

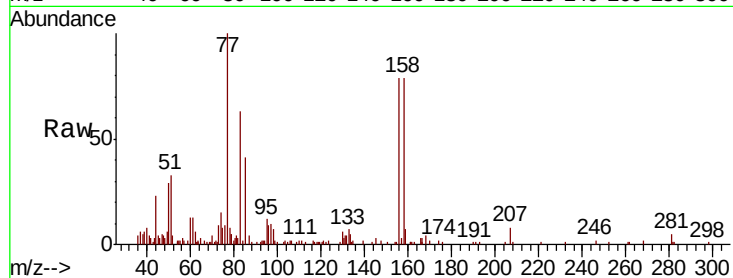
Tot Ion:156 Resp: 8122

Ion Ratio Lower Upper

156 100

77 154.9 80.0 240.2

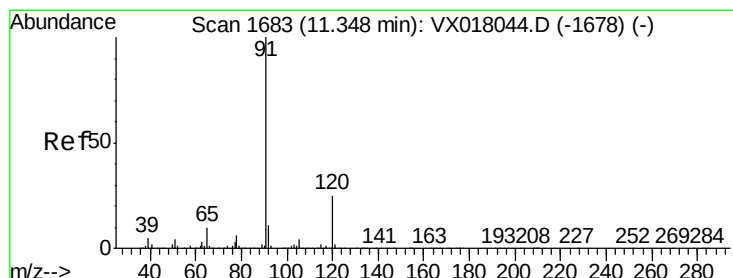
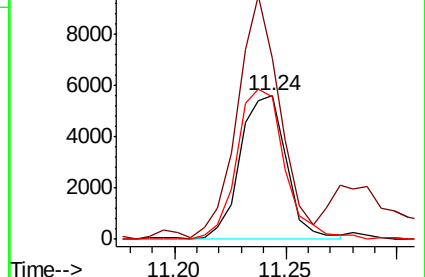
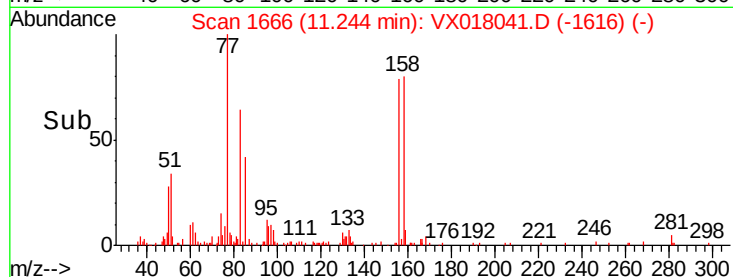
158 109.2 49.5 148.7



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: 0.844 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018041.D

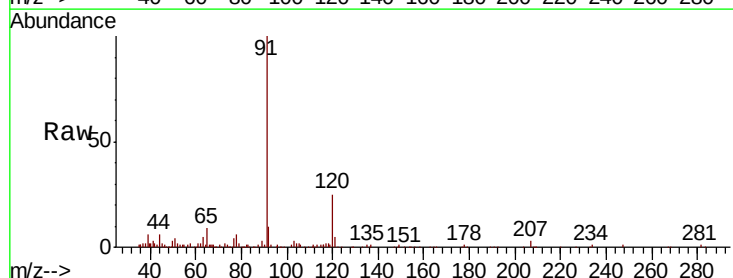
Acq: 20 Aug 2020 18:36

Tgt Ion: 91 Resp: 28956

Ion Ratio Lower Upper

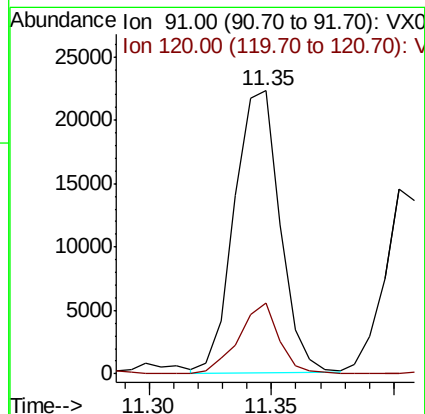
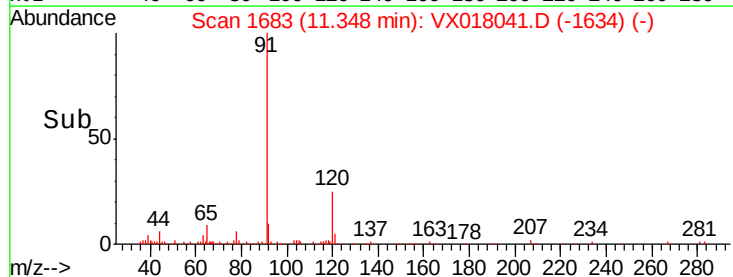
91 100

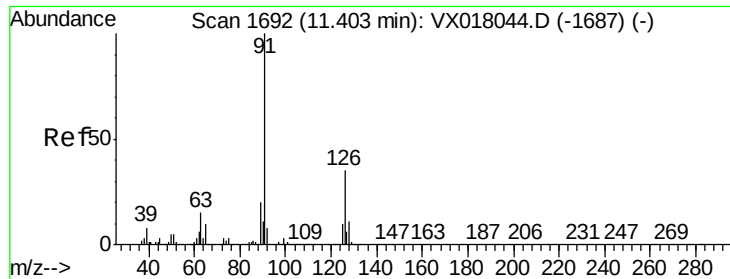
120 22.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

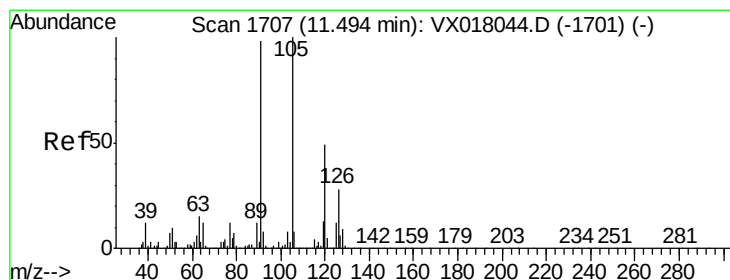
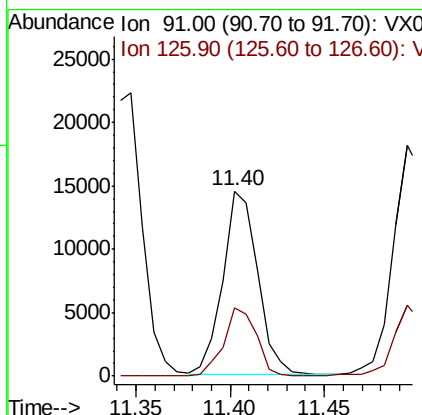
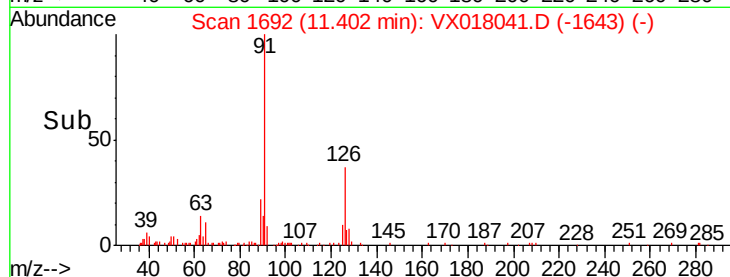
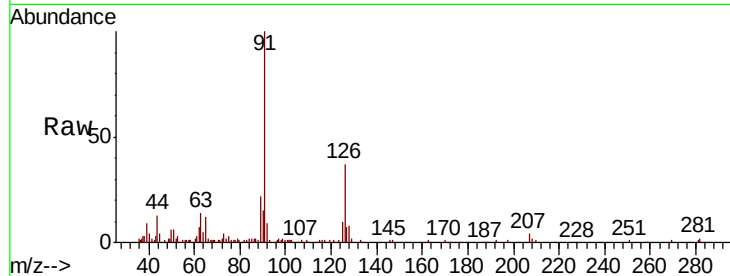




#79
 2-Chlorotoluene
 Concen: 0.873 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

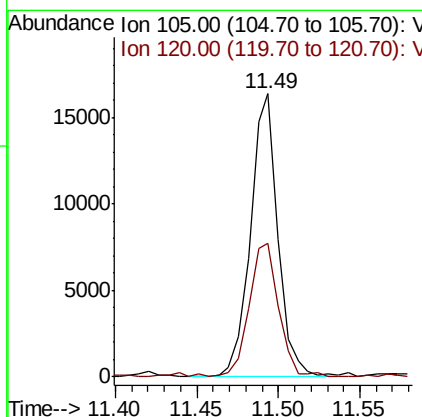
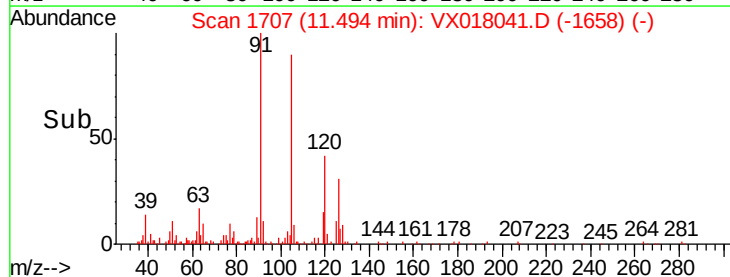
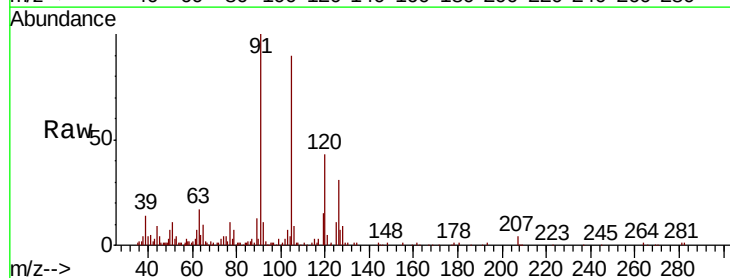
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

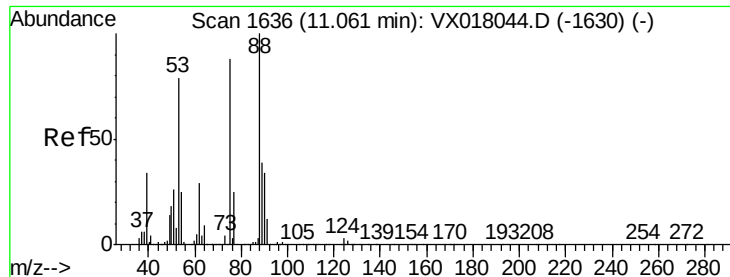
Tot Ion: 91 Resp: 18641
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 0.777 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion: 105 Resp: 19352
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 0.968 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

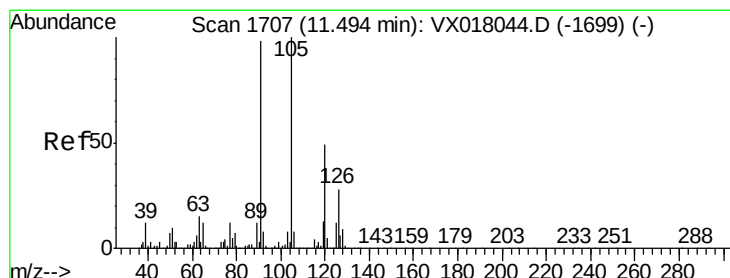
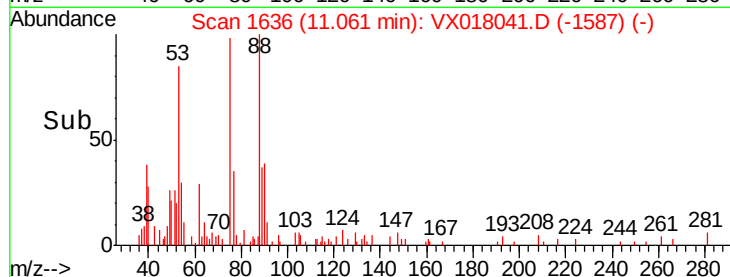
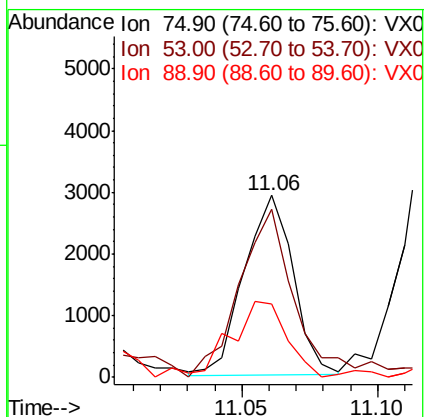
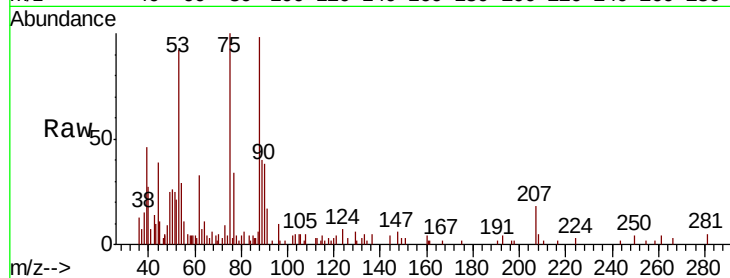
Tot Ion: 75 Resp: 3661

Ion Ratio Lower Upper

75 100

53 108.4 74.7 112.1

89 47.3 36.6 54.8



#82

4-Chlorotoluene

Concen: 0.914 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018041.D

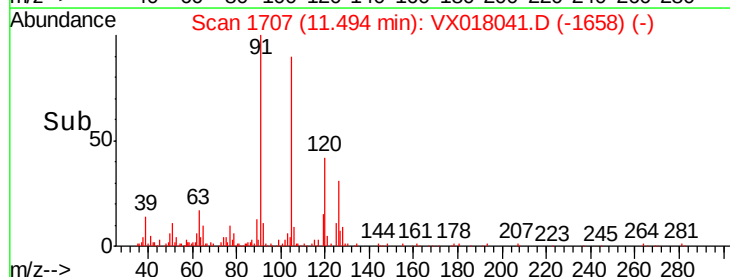
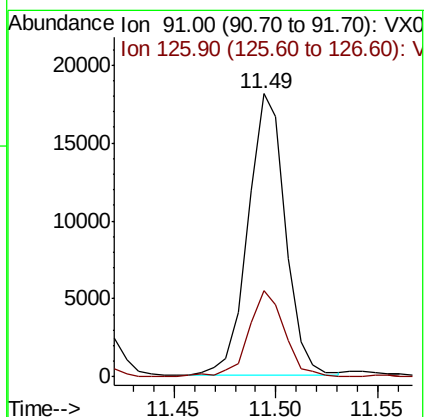
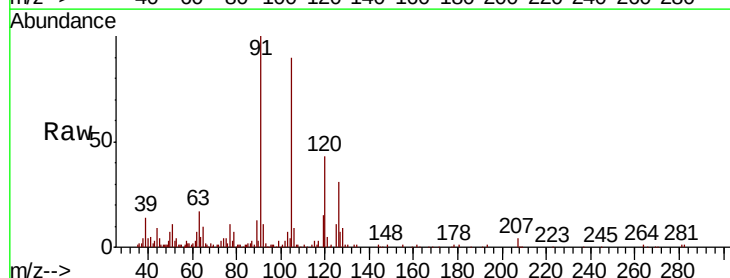
Acq: 20 Aug 2020 18:36

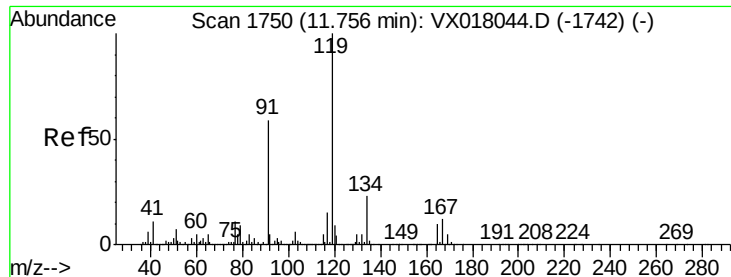
Tgt Ion: 91 Resp: 22915

Ion Ratio Lower Upper

91 100

126 30.2 15.1 45.3

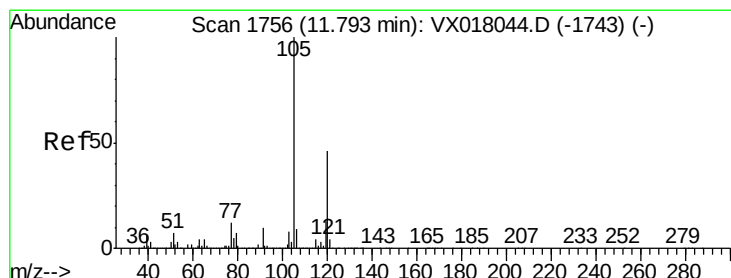
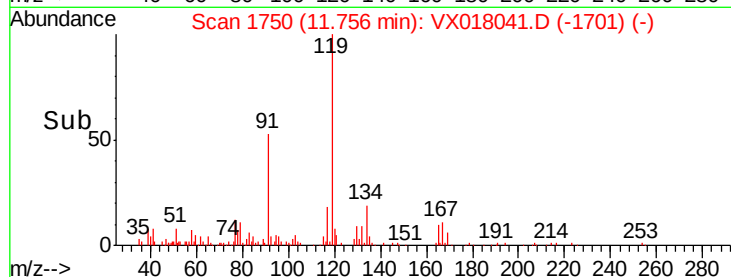
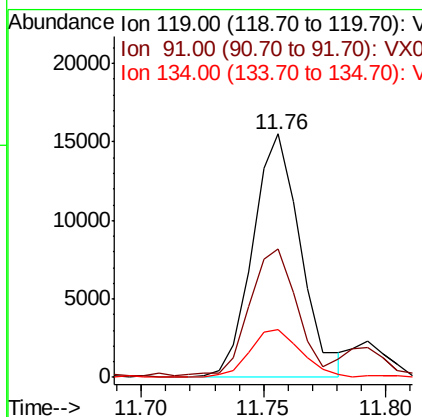
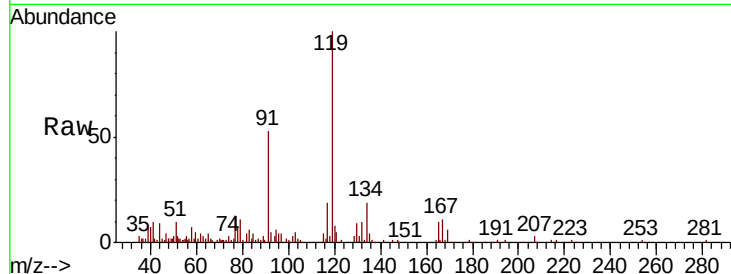




#83
tert-Butylbenzene
Concen: 0.878 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

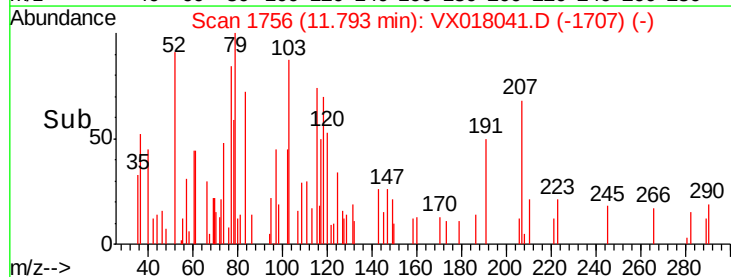
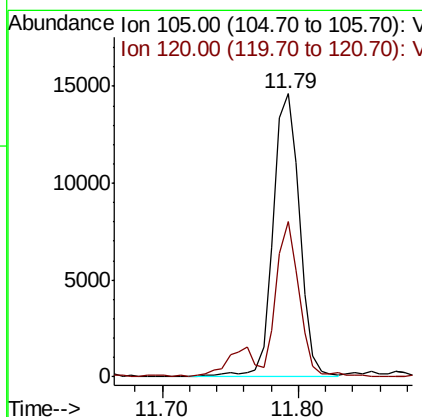
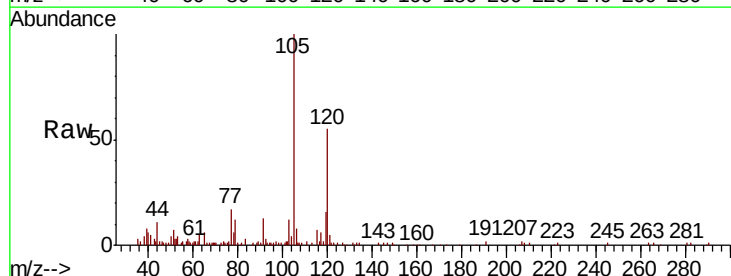
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

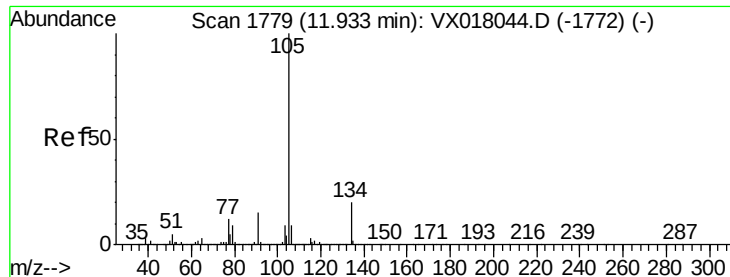
Tot Ion:119 Resp: 21305
Ion Ratio Lower Upper
119 100
91 51.1 28.2 84.7
134 21.0 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 0.778 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion:105 Resp: 19922
Ion Ratio Lower Upper
105 100
120 47.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 0.805 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

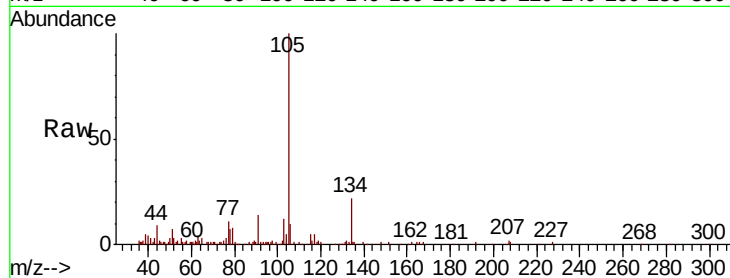
VSTDIC001

Tot Ion:105 Resp: 22403

Ion Ratio Lower Upper

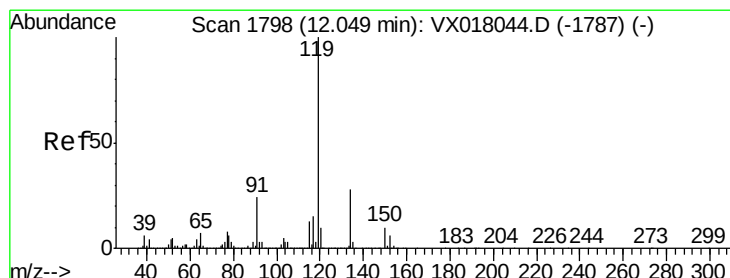
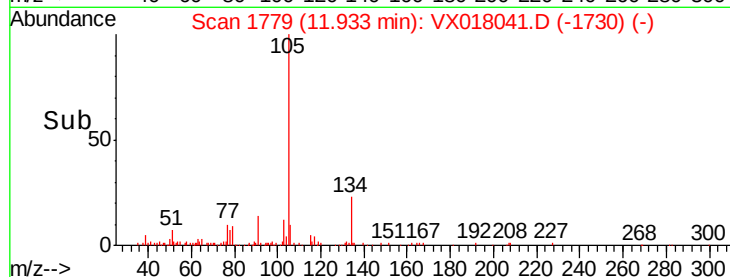
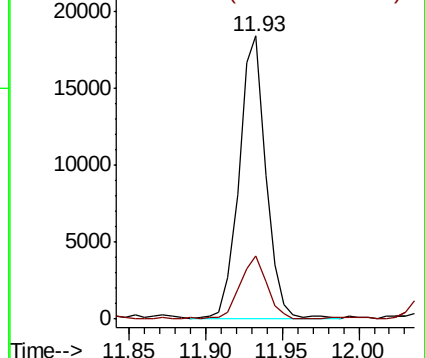
105 100

134 22.5 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: 0.774 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

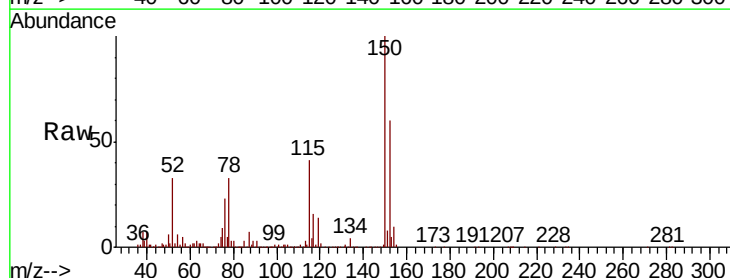
Tgt Ion:119 Resp: 20073

Ion Ratio Lower Upper

119 100

134 29.7 13.2 39.5

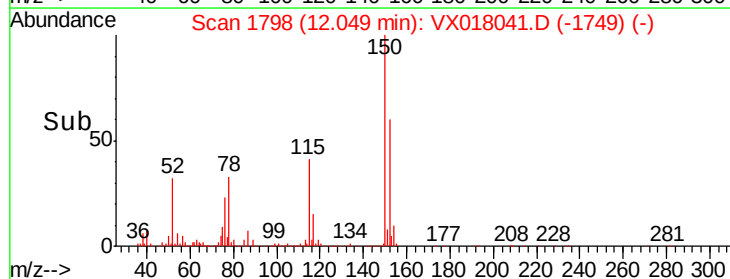
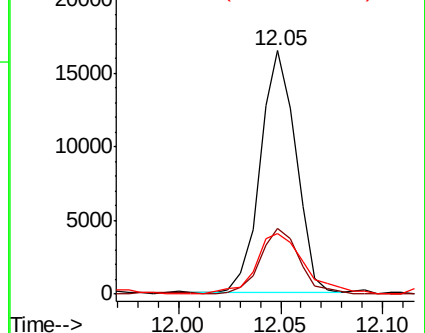
91 34.4 11.8 35.4

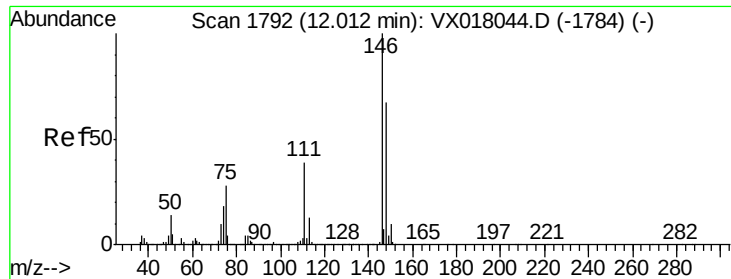


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 0.975 ug/l

RT: 12.01 min Scan# 1792

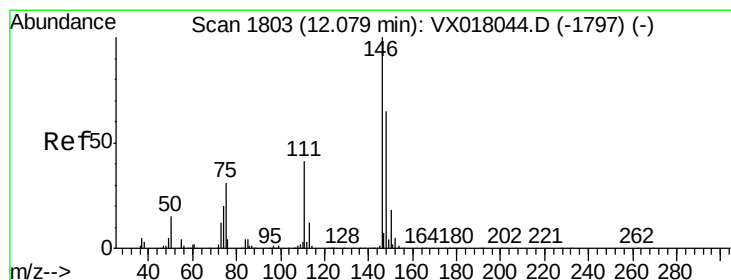
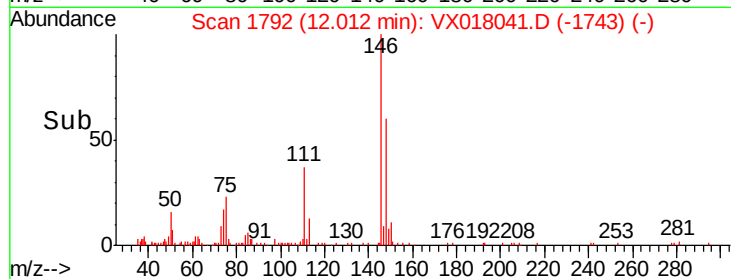
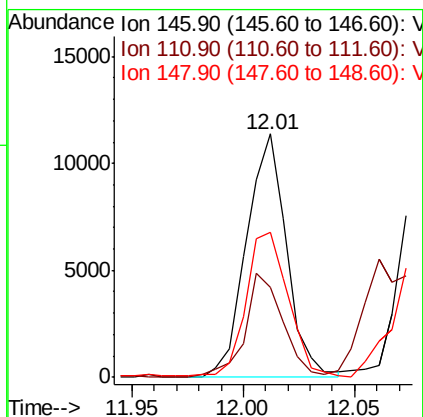
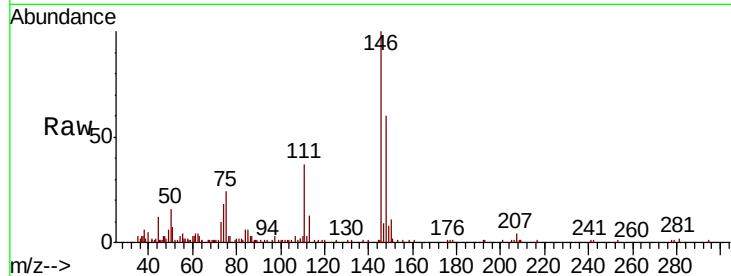
Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	63.2	33.1	99.2



#88

1,4-Dichlorobenzene

Concen: 0.968 ug/l

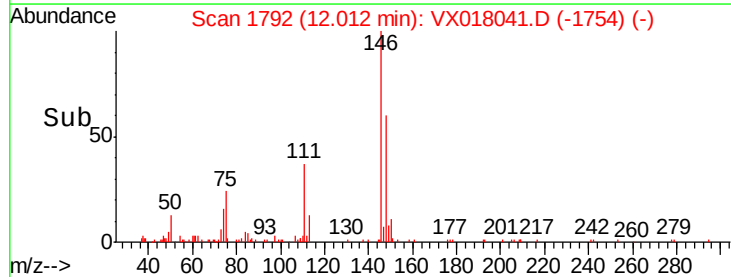
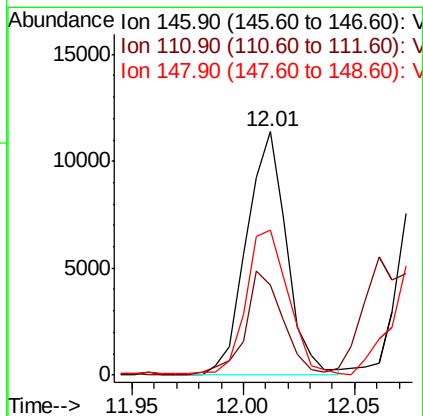
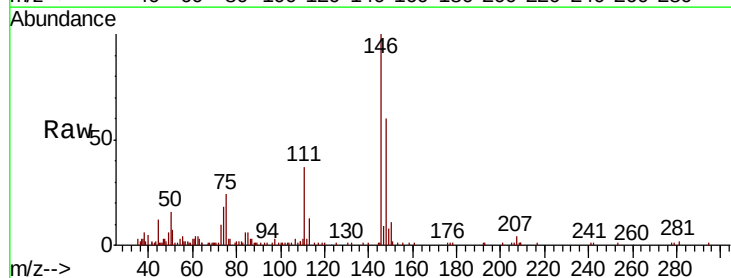
RT: 12.01 min Scan# 1792

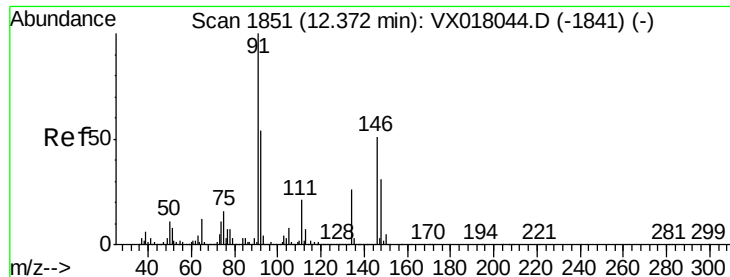
Delta R.T. -0.07 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	63.2	33.1	99.2

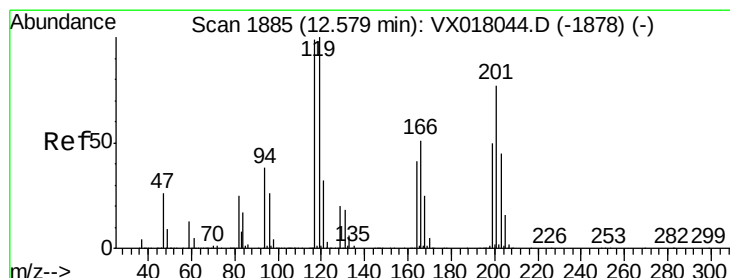
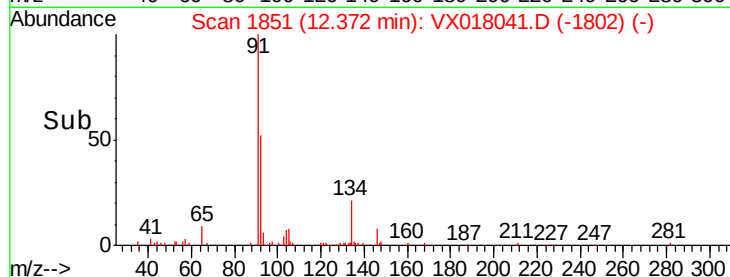
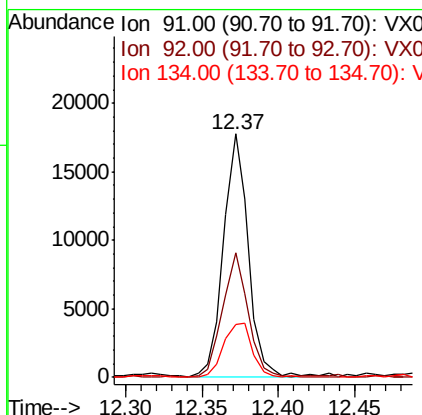
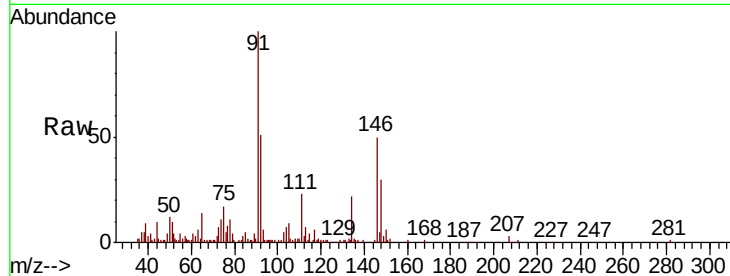




#89
n-Butylbenzene
Concen: 0.853 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

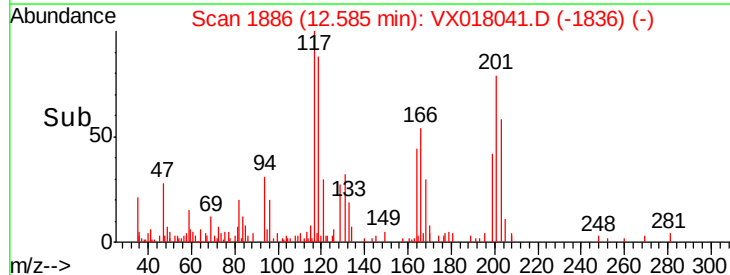
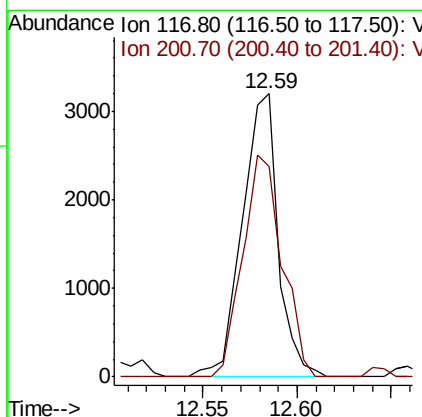
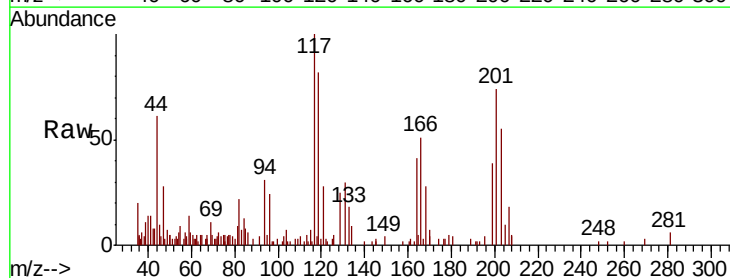
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

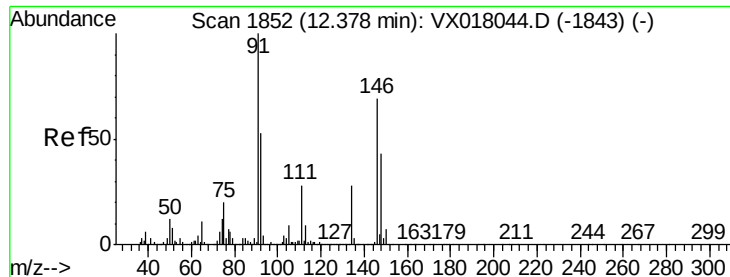
Tot Ion: 91 Resp: 20117
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.2
134 26.0 12.9 38.7



#90
Hexachloroethane
Concen: 0.821 ug/l
RT: 12.59 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion: 117 Resp: 4212
Ion Ratio Lower Upper
117 100
201 86.2 38.5 115.3

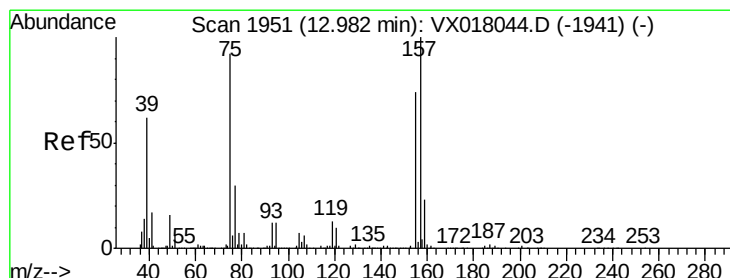
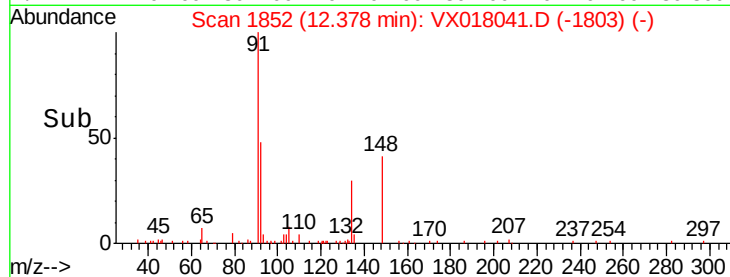
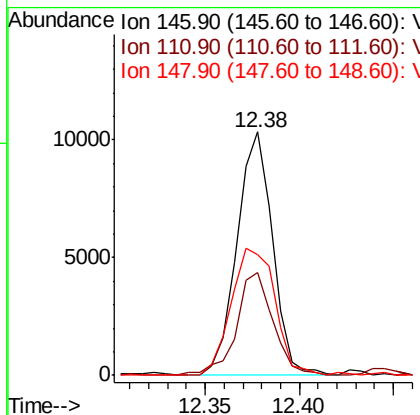
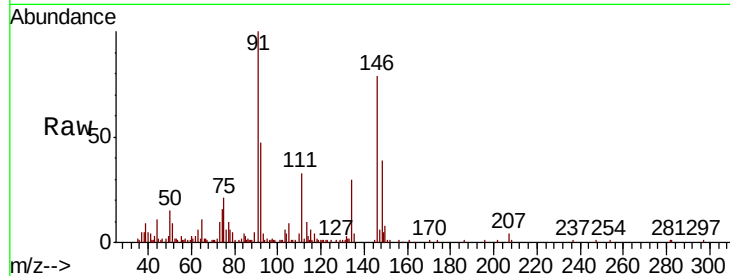




#91
 1,2-Dichlorobenzene
 Concen: 1.000 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

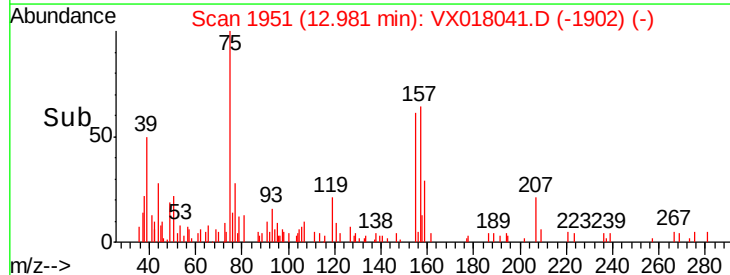
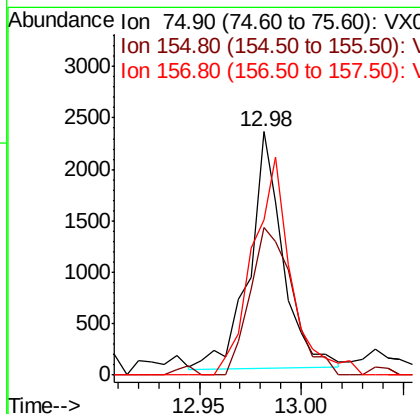
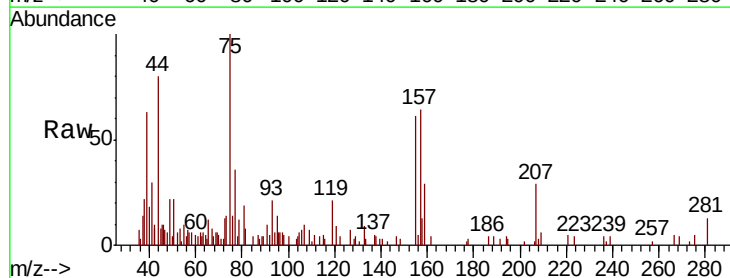
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

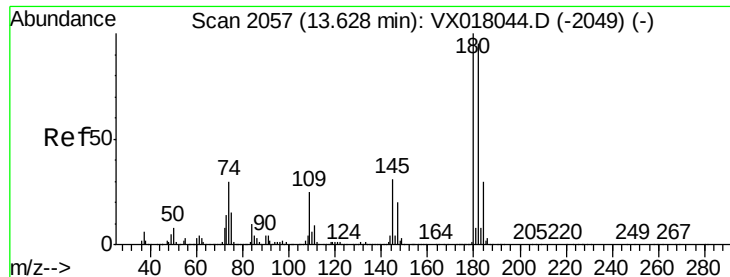
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	20.8	62.5
148	64.3	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.978 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	40.2	120.6
157	106.3	55.0	165.2

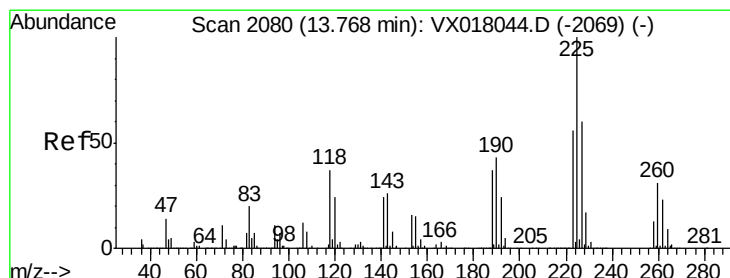
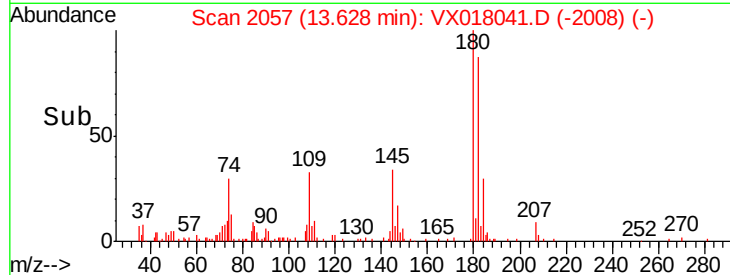
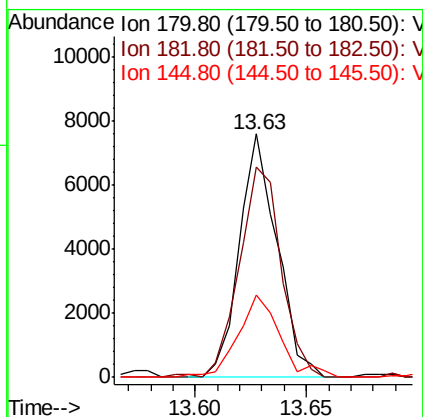
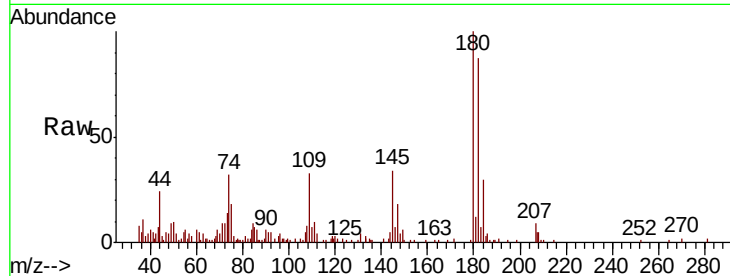




#93
 1,2,4-Trichlorobenzene
 Concen: 0.971 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

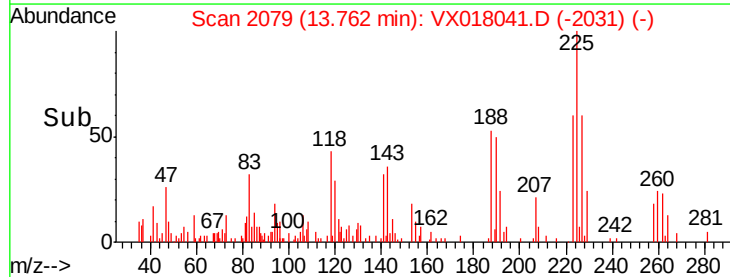
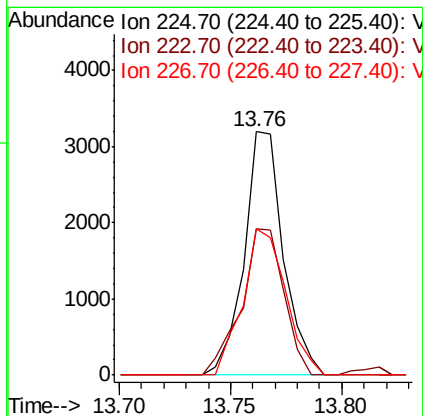
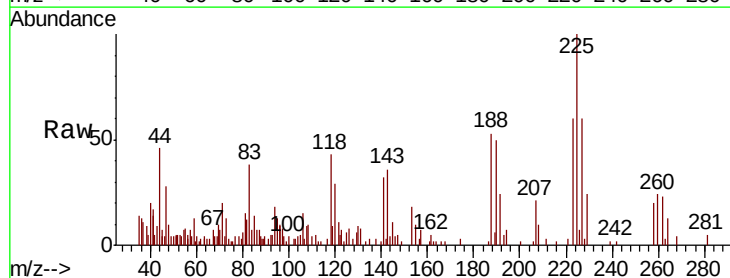
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

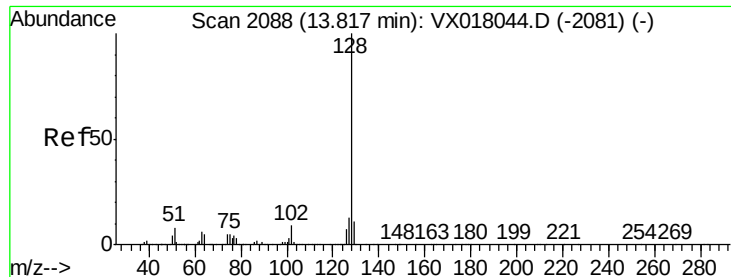
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	37.5	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 1.094 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	30.7	92.1
227	65.6	32.6	97.8





#95

Naphthalene

Concen: 0.841 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

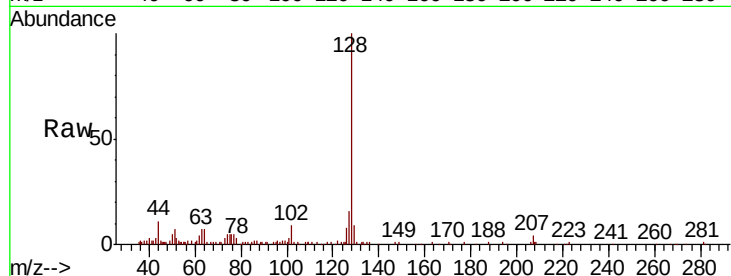
Tot Ion:128 Resp: 25673

Ion Ratio Lower Upper

128 100

127 15.5 10.2 15.2#

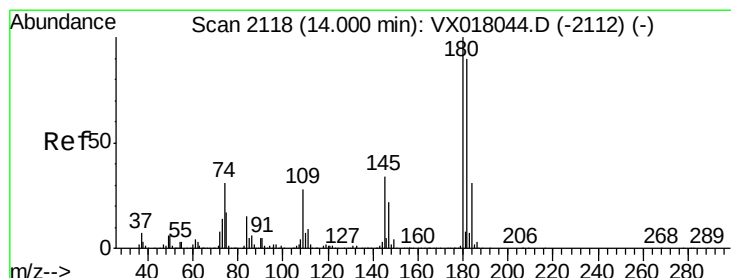
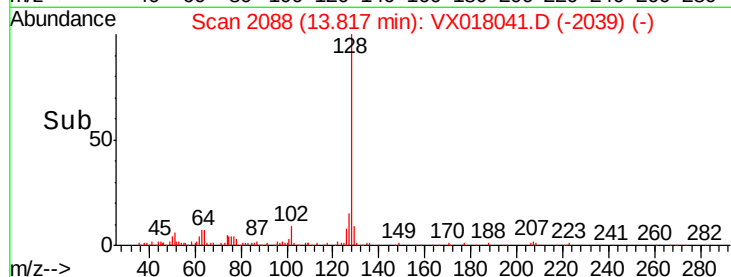
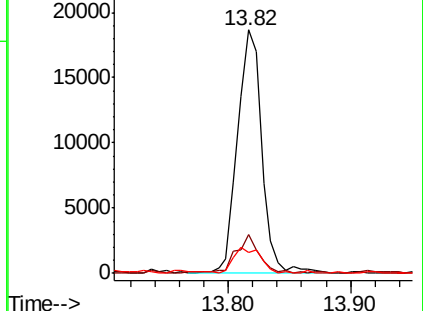
129 11.8 8.7 13.1



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: 0.976 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

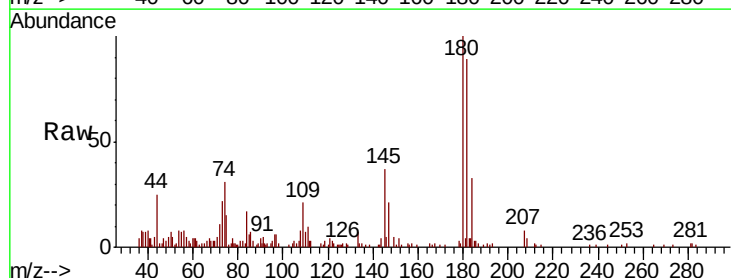
Tgt Ion:180 Resp: 8852

Ion Ratio Lower Upper

180 100

182 88.5 47.3 142.0

145 37.0 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

