

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062920\
 Data File : VX017008.D
 Acq On : 29 Jun 2020 14:58
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 29 16:57:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:54:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215078	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	69101	19.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.78%	
35) Dibromofluoromethane	5.46	113	56626	20.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.22%	
50) Toluene-d8	8.70	98	210228	20.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.38%	
62) 4-Bromofluorobenzene	11.12	95	78771	19.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	57604	21.127	ug/l	97
3) Chloromethane	1.32	50	63515	19.245	ug/l	100
4) Vinyl Chloride	1.39	62	61784	20.177	ug/l	99
5) Bromomethane	1.63	94	39760	24.576	ug/l	99
6) Chloroethane	1.72	64	36854	20.378	ug/l	96
7) Trichlorofluoromethane	1.92	101	90553	19.995	ug/l	98
8) Diethyl Ether	2.17	74	32622	19.732	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56413	20.783	ug/l	99
10) Methyl Iodide	2.49	142	71348	20.371	ug/l	96
11) Tert butyl alcohol	3.01	59	66593	100.468	ug/l	98
12) 1,1-Dichloroethene	2.36	96	57203	20.515	ug/l	97
13) Acrolein	2.27	56	39168	98.853	ug/l	100
14) Allyl chloride	2.71	41	99274	19.265	ug/l	98
15) Acrylonitrile	3.12	53	158349	99.378	ug/l	99
16) Acetone	2.42	43	126382	97.234	ug/l	99
17) Carbon Disulfide	2.55	76	164253	19.232	ug/l	99
18) Methyl Acetate	2.75	43	67276	19.828	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	190061	20.309	ug/l	99
20) Methylene Chloride	2.84	84	64520	19.421	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	61508	19.877	ug/l	94
22) Diisopropyl ether	3.82	45	199480	20.915	ug/l	95
23) Vinyl Acetate	3.79	43	860251	104.963	ug/l	100
24) 1,1-Dichloroethane	3.67	63	110281	20.321	ug/l	98
25) 2-Butanone	4.64	43	221225	102.147	ug/l	100
26) 2,2-Dichloropropane	4.56	77	96805	20.090	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	69298	19.765	ug/l	99
28) Bromochloromethane	4.98	49	53514	20.264	ug/l	100
29) Tetrahydrofuran	5.09	42	149148	104.230	ug/l	99
30) Chloroform	5.18	83	113367	20.379	ug/l	99
31) Cyclohexane	5.55	56	96411	20.553	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	104784	20.452	ug/l	99
36) 1,1-Dichloropropene	5.77	75	82181	19.532	ug/l	98
37) Ethyl Acetate	4.79	43	88008	20.616	ug/l	99
38) Carbon Tetrachloride	5.76	117	90802	19.594	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	93483	19.969	ug/l	98
40) Benzene	6.11	78	247955	20.057	ug/l	100
41) Methacrylonitrile	5.01	41	49303	20.520	ug/l	98
42) 1,2-Dichloroethane	6.17	62	88932	19.916	ug/l	98
43) Isopropyl Acetate	6.42	43	138976	19.591	ug/l	99
44) Trichloroethene	7.19	130	72869	19.570	ug/l	99
45) 1,2-Dichloropropane	7.49	63	63624	20.038	ug/l	98
46) Dibromomethane	7.64	93	43232	19.943	ug/l	99
47) Bromodichloromethane	7.88	83	89567	20.049	ug/l	95
48) Methyl methacrylate	7.74	41	66342	19.685	ug/l	97
49) 1,4-Dioxane	7.71	88	31078	407.041	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	441943	104.514	ug/l	99
52) Toluene	8.77	92	156654	20.296	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	96717	19.622	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	105384	19.945	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	63012	19.982	ug/l	98
56) Ethyl methacrylate	9.16	69	90526	20.169	ug/l	100
57) 1,3-Dichloropropane	9.35	76	106854	20.025	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	234163	104.825	ug/l	99
59) 2-Hexanone	9.47	43	322906	104.559	ug/l	99
60) Dibromochloromethane	9.57	129	72683	19.844	ug/l	100
61) 1,2-Dibromoethane	9.65	107	67558	19.931	ug/l	100
64) Tetrachloroethene	9.32	164	68310	20.080	ug/l	95
65) Chlorobenzene	10.12	112	170775	19.630	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	66021	19.691	ug/l	99
67) Ethyl Benzene	10.23	91	290580	20.000	ug/l	99
68) m/p-Xylenes	10.34	106	227758	40.827	ug/l	99
69) o-Xylene	10.68	106	106664	20.099	ug/l	100
70) Styrene	10.70	104	183775	20.335	ug/l	99
71) Bromoform	10.84	173	52380	19.701	ug/l #	100
73) Isopropylbenzene	11.00	105	288850	20.503	ug/l	100
74) N-amyl acetate	10.88	43	120945	20.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	88574	19.988	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	111839	21.115	ug/l	86
77) Bromobenzene	11.24	156	76253	19.694	ug/l	99
78) n-propylbenzene	11.34	91	327332	20.547	ug/l	99
79) 2-Chlorotoluene	11.40	91	196125	20.341	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	240563	20.586	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	31309	19.170	ug/l	94
82) 4-Chlorotoluene	11.49	91	232172	20.143	ug/l	98
83) tert-Butylbenzene	11.76	119	231777	20.205	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	249505	21.046	ug/l	100
85) sec-Butylbenzene	11.93	105	274135	20.331	ug/l	99
86) p-Isopropyltoluene	12.05	119	258471	20.591	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	139542	19.844	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	138142	19.533	ug/l	98
89) n-Butylbenzene	12.37	91	222468	19.849	ug/l	98
90) Hexachloroethane	12.58	117	48192	19.468	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	130331	19.828	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20172	19.082	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	85431	19.042	ug/l	99
94) Hexachlorobutadiene	13.77	225	33329	18.367	ug/l	97
95) Naphthalene	13.82	128	274117	20.097	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	82924	19.099	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

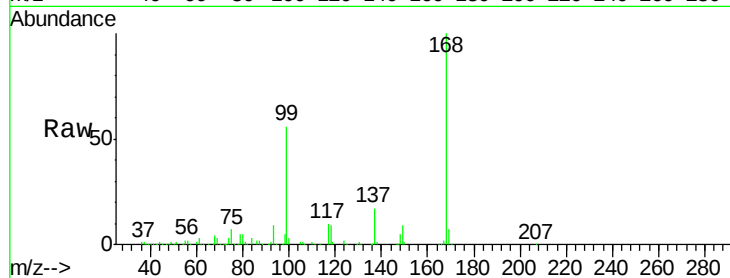
VSTDIC020

Tgt Ion:168 Resp: 281836

Ion Ratio Lower Upper

168 100

99 55.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

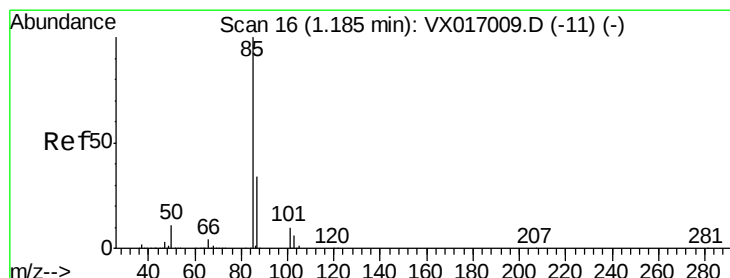
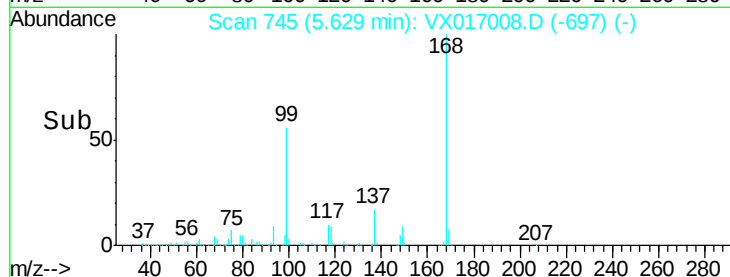
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.127 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017008.D

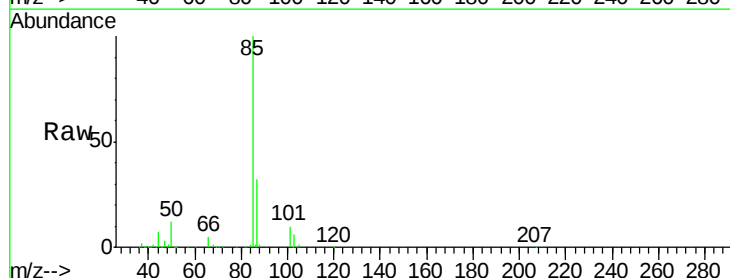
Acq: 29 Jun 2020 14:58

Tgt Ion: 85 Resp: 57604

Ion Ratio Lower Upper

85 100

87 31.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

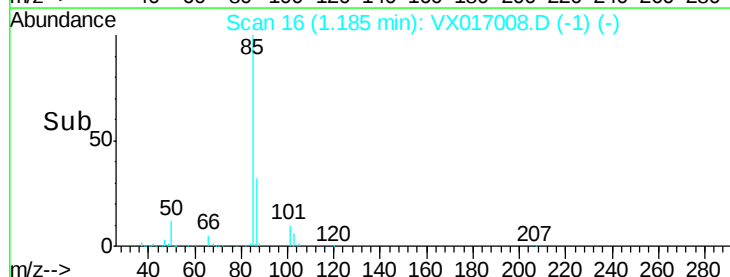
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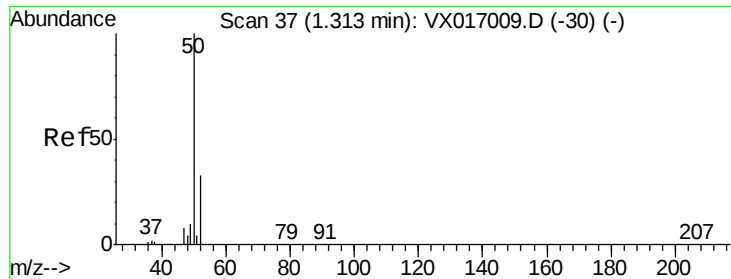
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20000

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Time-->





#3

Chloromethane

Concen: 19.245 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

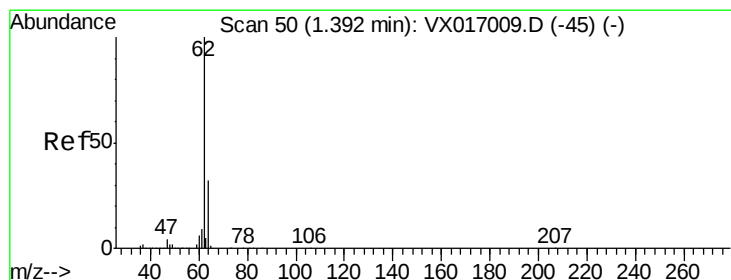
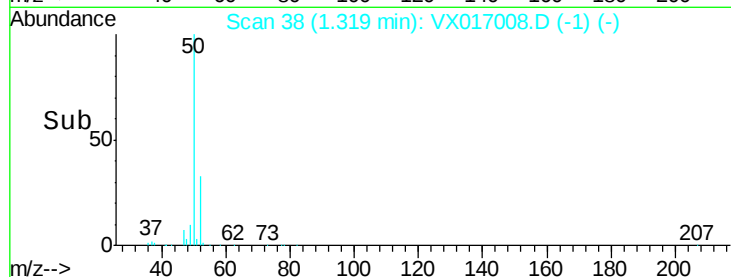
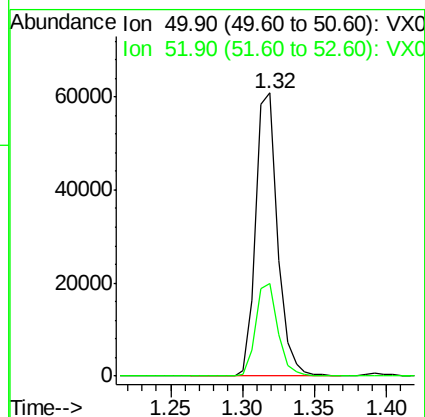
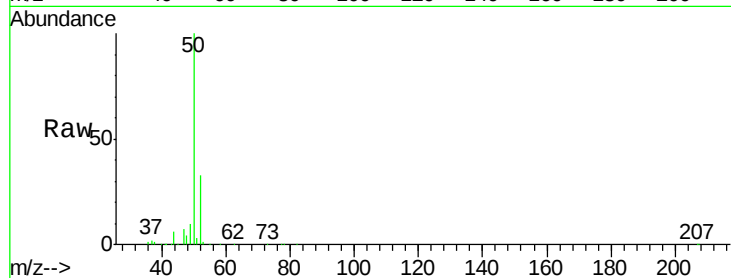
VSTDIC020

Tgt Ion: 50 Resp: 63515

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 20.177 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017008.D

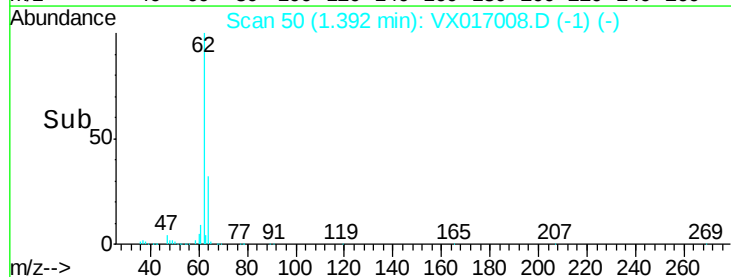
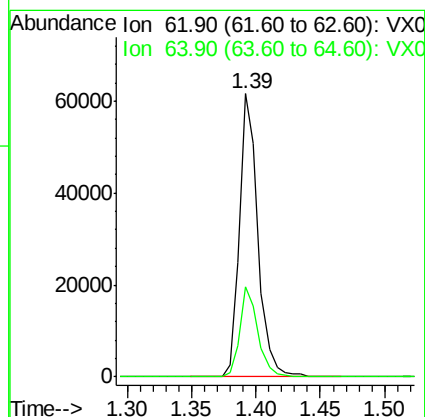
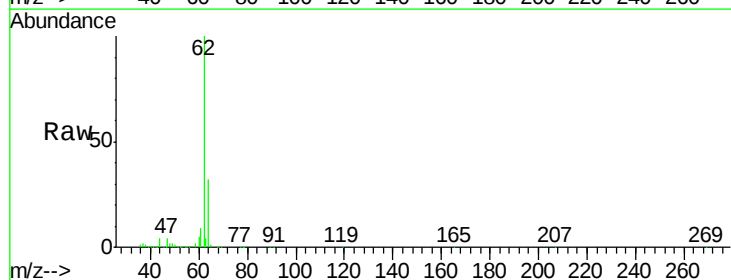
Acq: 29 Jun 2020 14:58

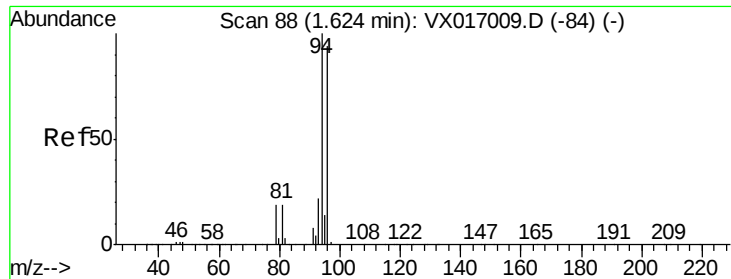
Tgt Ion: 62 Resp: 61784

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 24.576 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

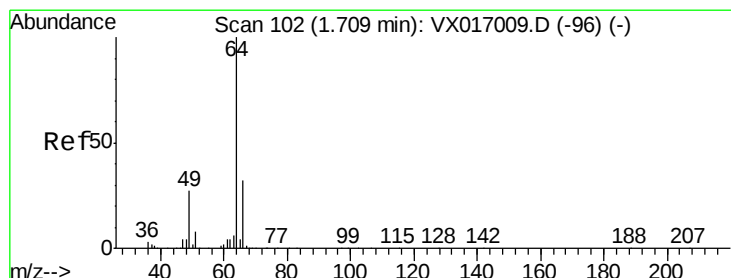
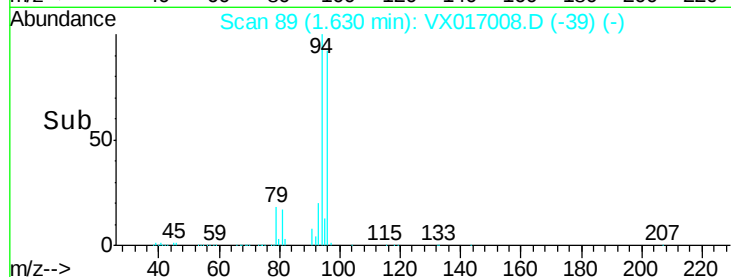
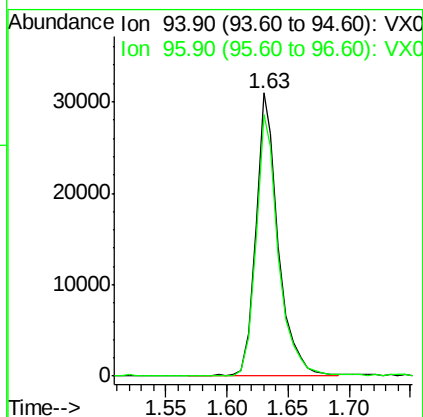
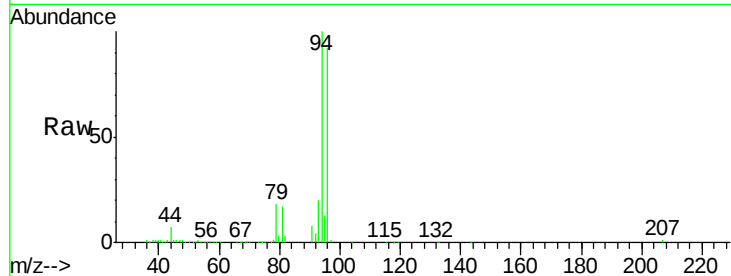
VSTDIC020

Tgt Ion: 94 Resp: 39760

Ion Ratio Lower Upper

94 100

96 92.4 75.0 112.4



#6

Chloroethane

Concen: 20.378 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017008.D

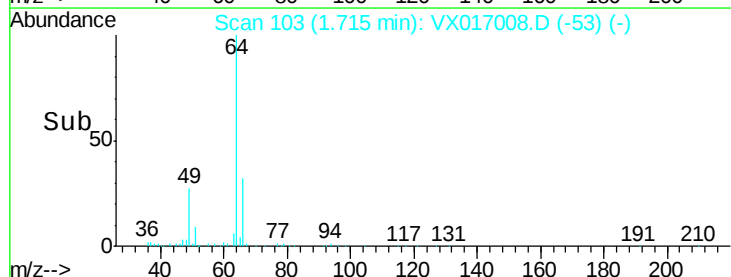
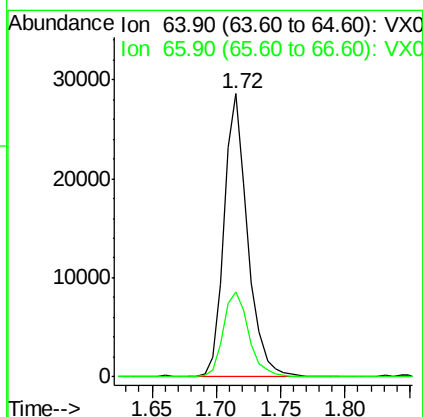
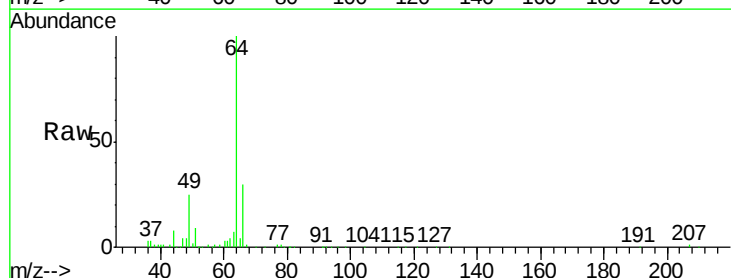
Acq: 29 Jun 2020 14:58

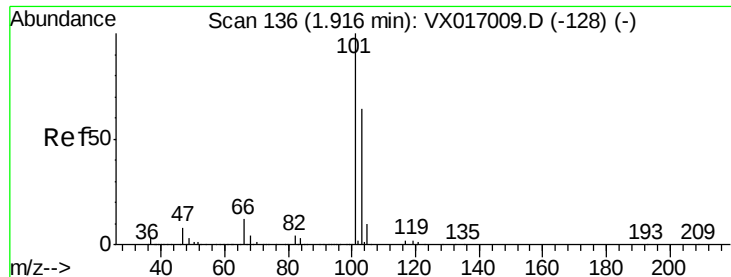
Tgt Ion: 64 Resp: 36854

Ion Ratio Lower Upper

64 100

66 29.9 25.5 38.3



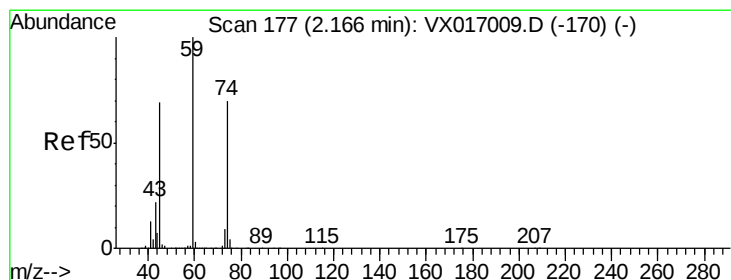
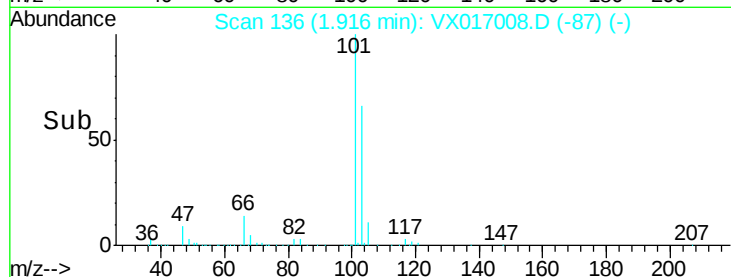
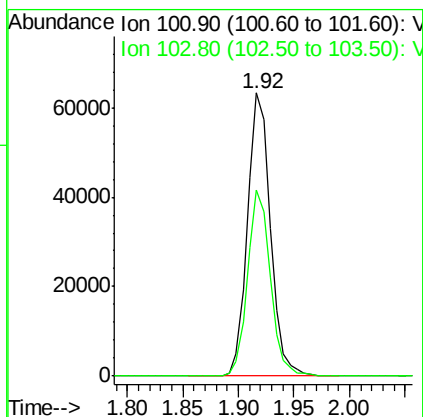
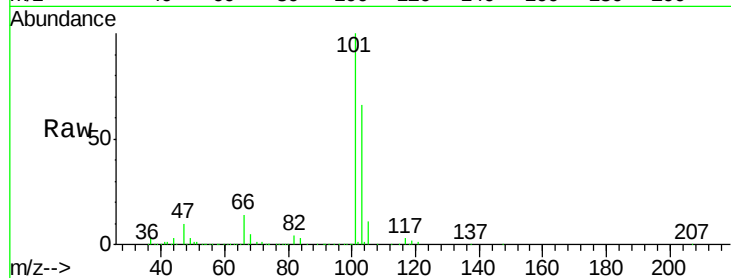


#7

Trichlorofluoromethane
 Concen: 19.995 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017008.D
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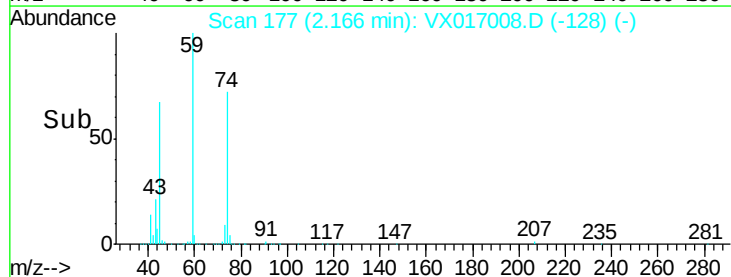
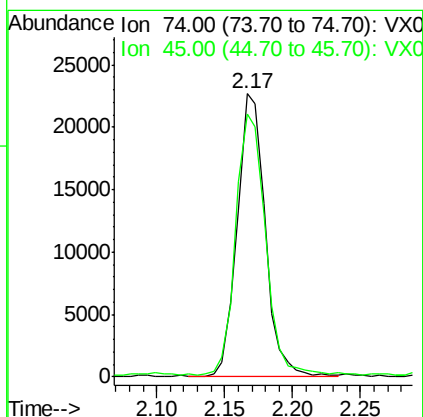
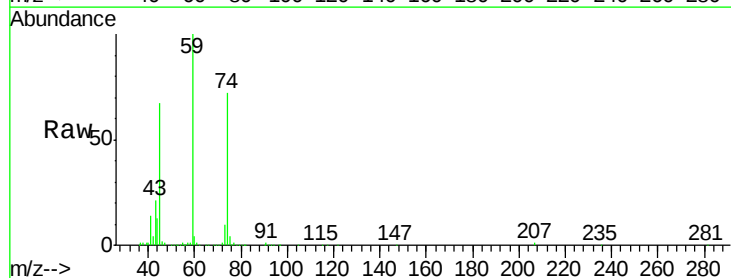
Tgt Ion:101 Resp: 90553
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.5 77.3

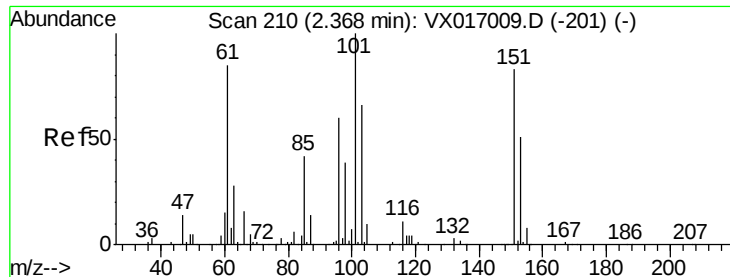


#8

Diethyl Ether
 Concen: 19.732 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Tgt Ion: 74 Resp: 32622
 Ion Ratio Lower Upper
 74 100
 45 97.9 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.783 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

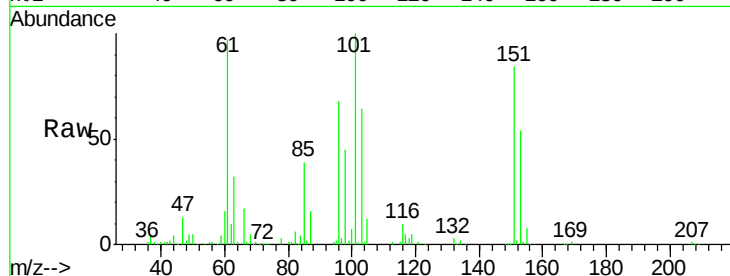
Tgt Ion:101 Resp: 56413

Ion Ratio Lower Upper

101 100

85 42.3 33.5 50.3

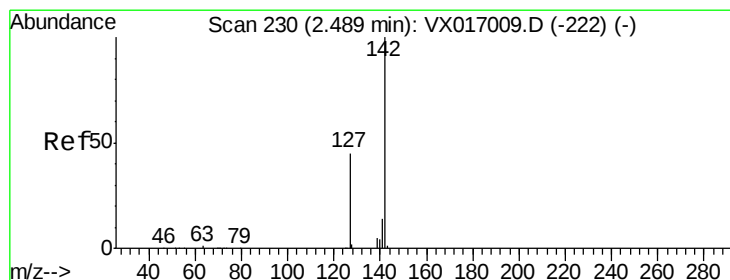
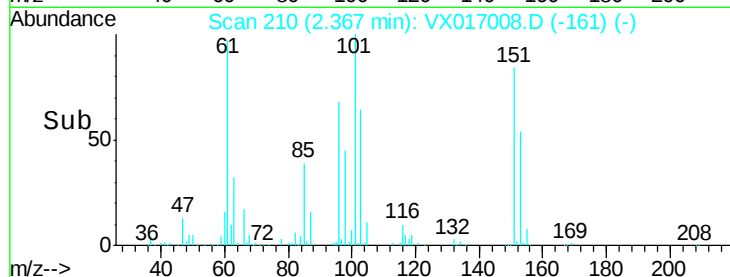
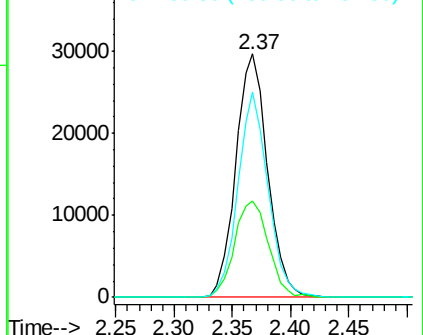
151 80.4 63.8 95.6



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: 20.371 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

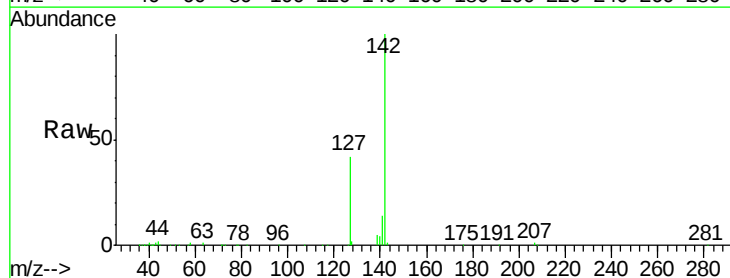
Tgt Ion:142 Resp: 71348

Ion Ratio Lower Upper

142 100

127 42.5 36.6 54.8

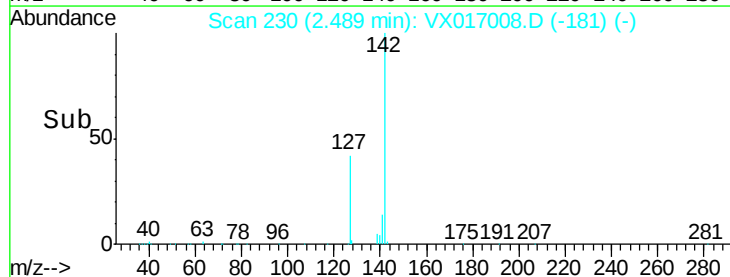
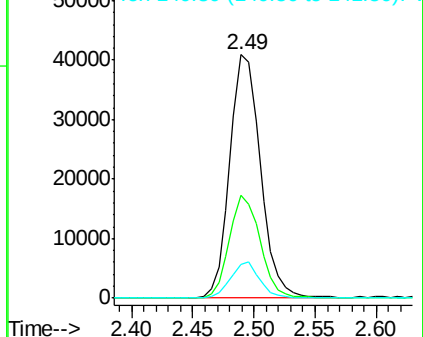
141 13.9 11.6 17.4



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



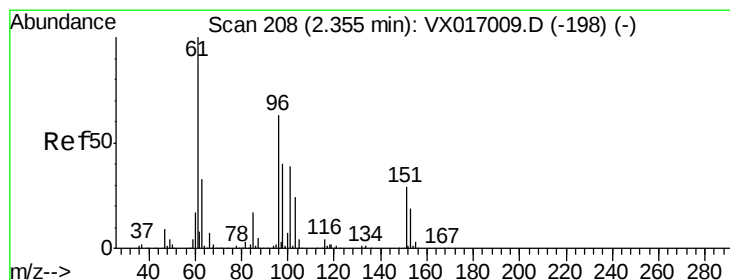
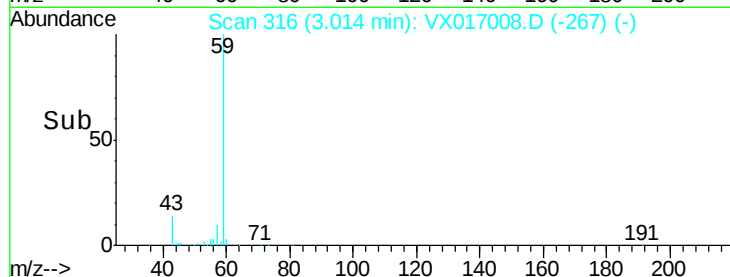
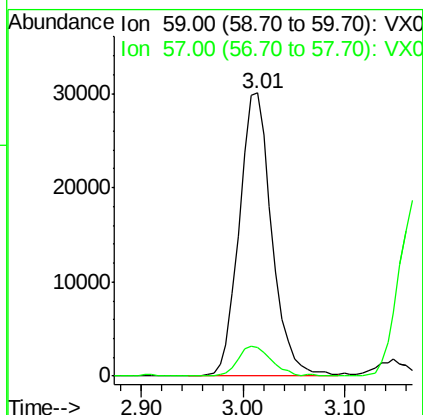
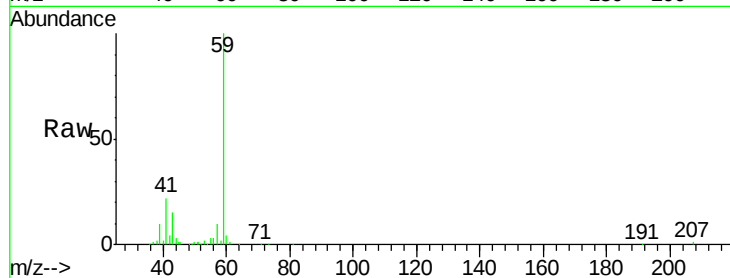


#11

Tert butyl alcohol
 Concen: 100.468 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

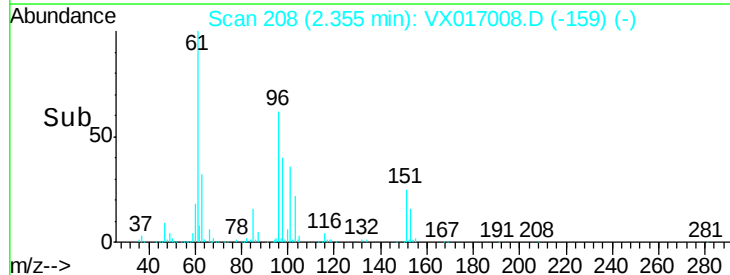
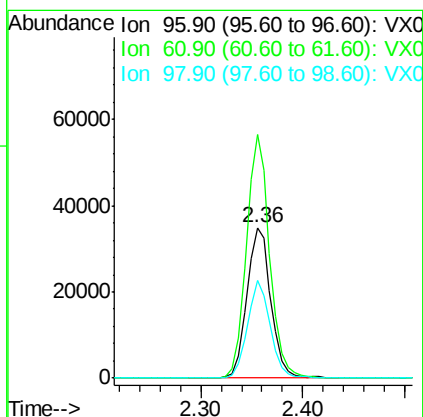
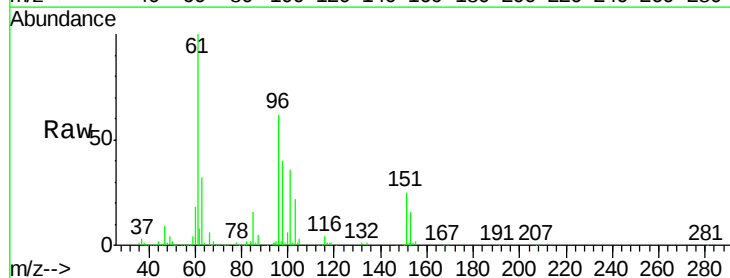
Tgt Ion: 59 Resp: 66593
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.2 12.2

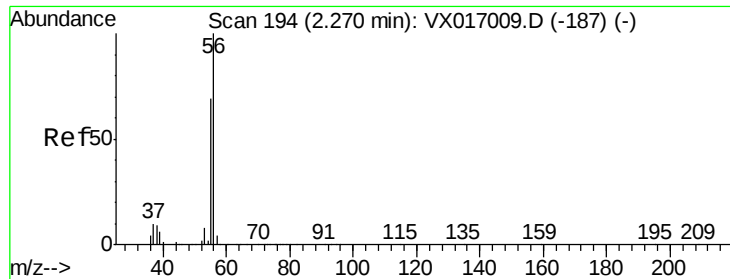


#12

1,1-Dichloroethene
 Concen: 20.515 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Tgt Ion: 96 Resp: 57203
 Ion Ratio Lower Upper
 96 100
 61 162.0 126.3 189.5
 98 65.3 51.0 76.6





#13

Acrolein

Concen: 98.853 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampled :

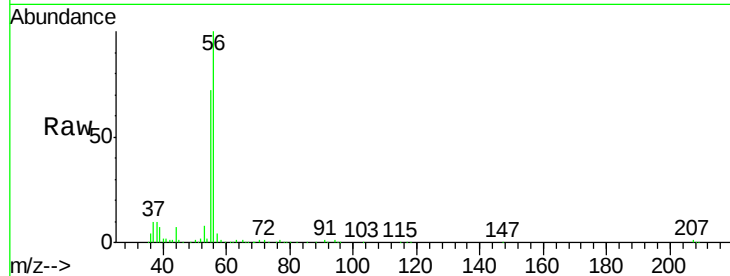
VSTDIC020

Tgt Ion: 56 Resp: 39168

Ion Ratio Lower Upper

56 100

55 69.2 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

25000

20000

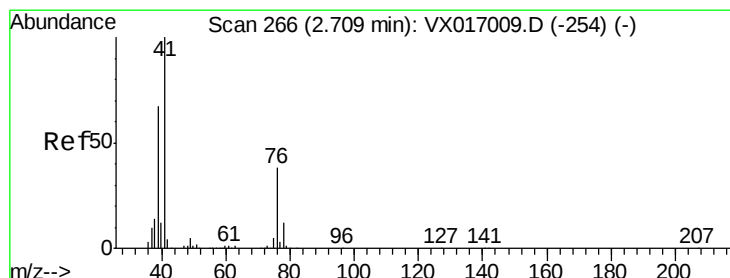
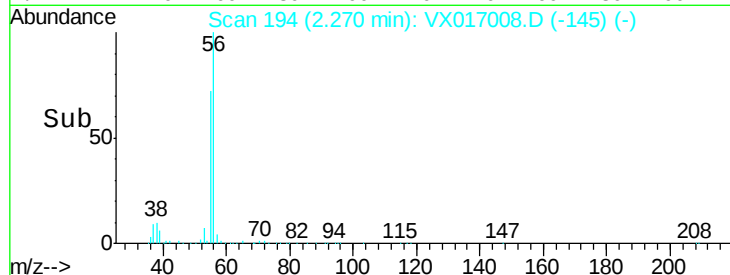
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 19.265 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

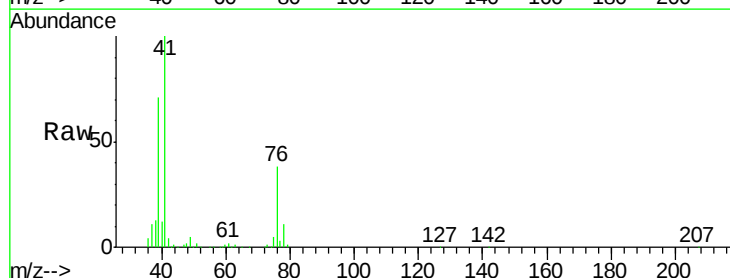
Tgt Ion: 41 Resp: 99274

Ion Ratio Lower Upper

41 100

39 63.4 49.4 74.2

76 33.2 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

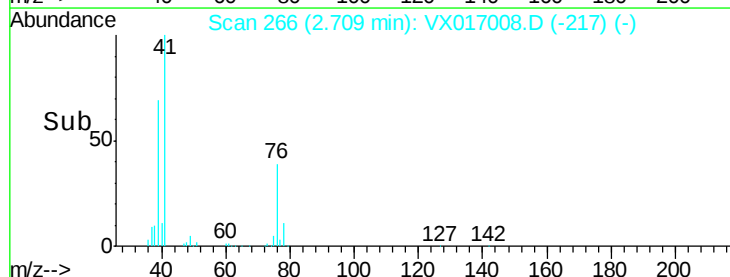
Ion 75.90 (75.60 to 76.60): VX0

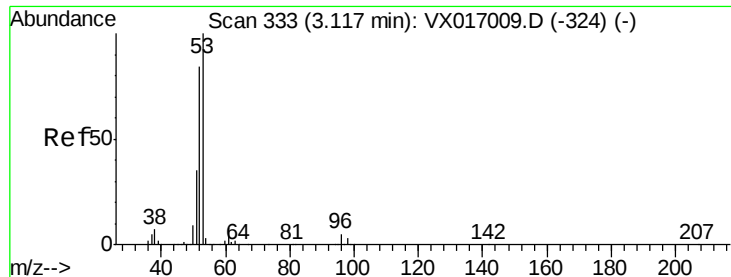
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 99.378 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

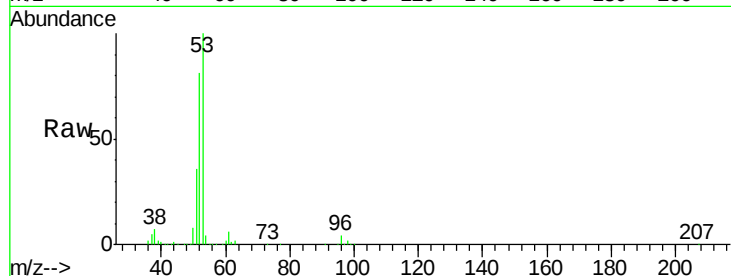
Tgt Ion: 53 Resp: 158349

Ion Ratio Lower Upper

53 100

52 82.7 65.6 98.4

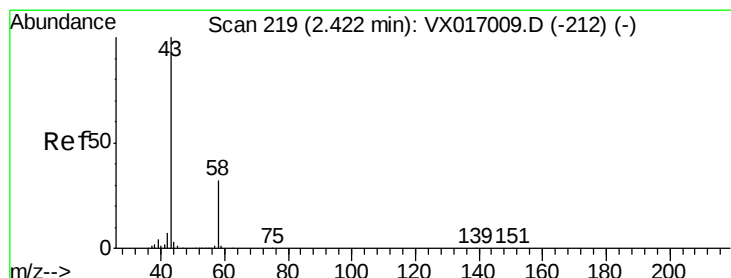
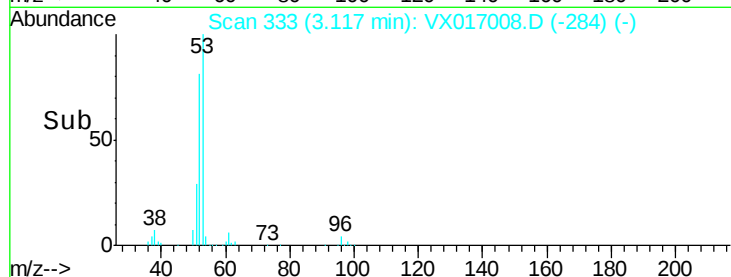
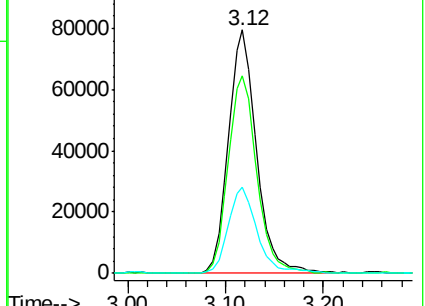
51 36.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.234 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017008.D

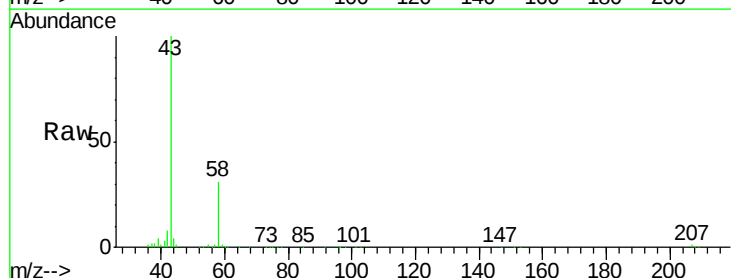
Acq: 29 Jun 2020 14:58

Tgt Ion: 43 Resp: 126382

Ion Ratio Lower Upper

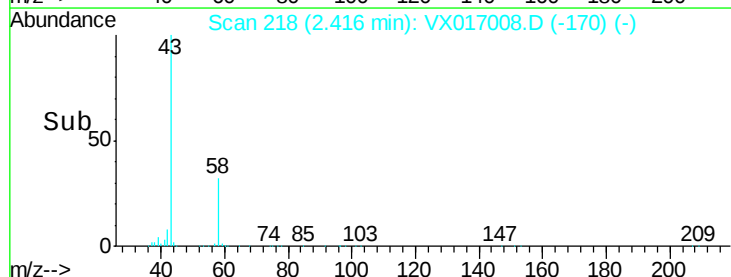
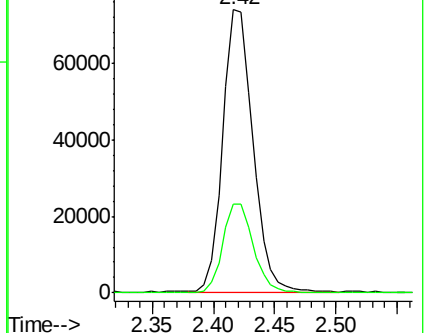
43 100

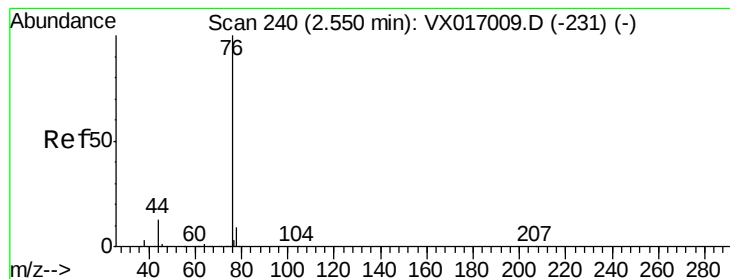
58 31.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.232 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

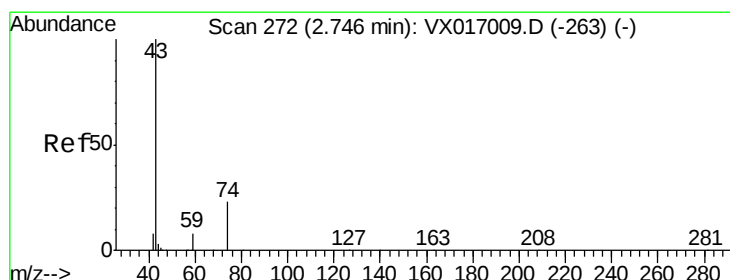
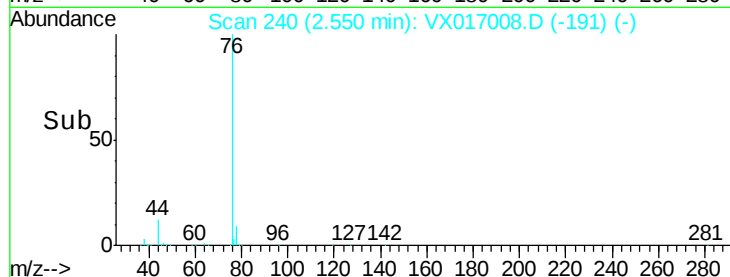
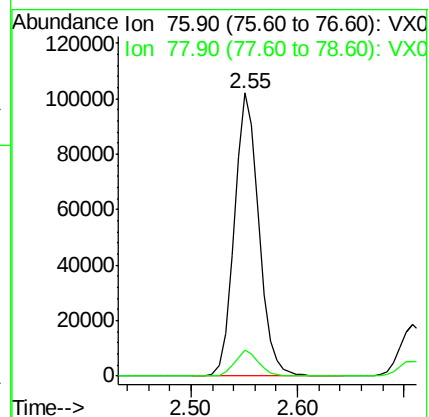
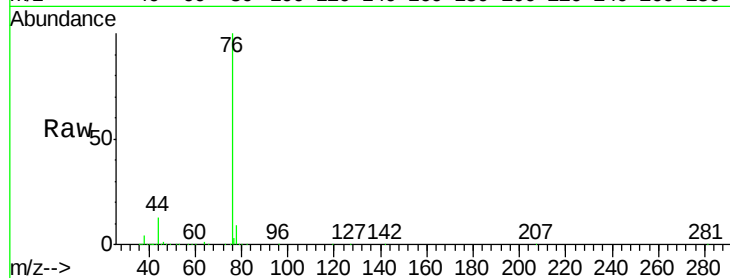
VSTDIC020

Tgt Ion: 76 Resp: 164253

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 19.828 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017008.D

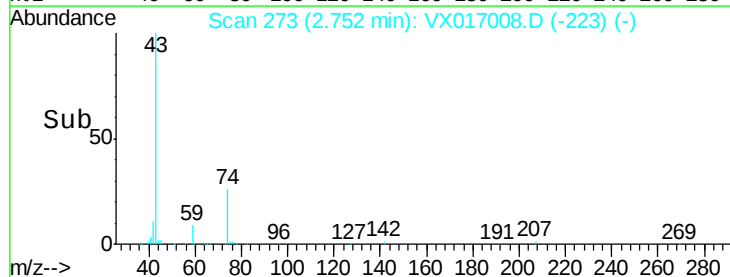
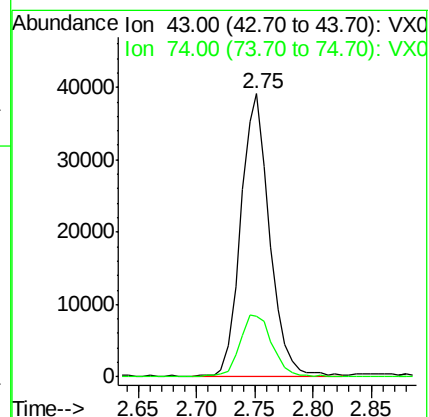
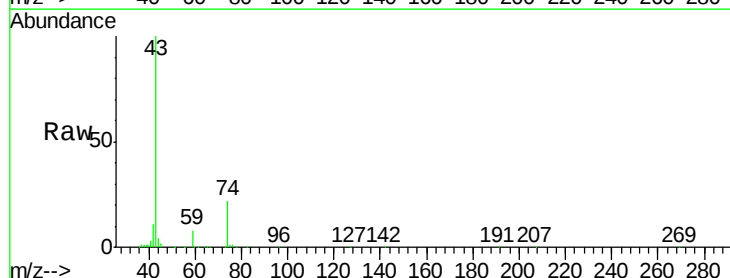
Acq: 29 Jun 2020 14:58

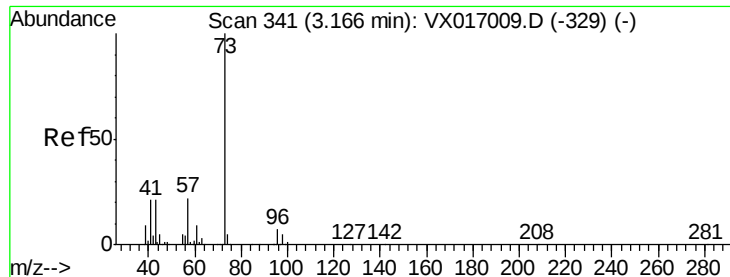
Tgt Ion: 43 Resp: 67276

Ion Ratio Lower Upper

43 100

74 25.1 19.3 28.9



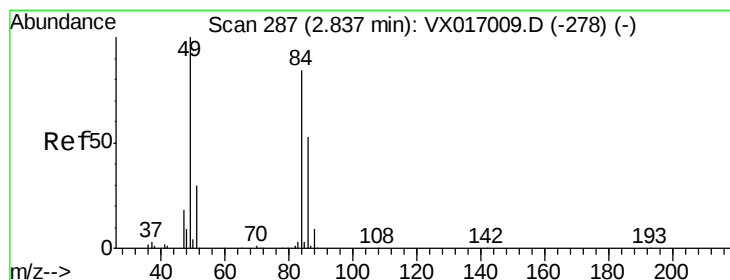
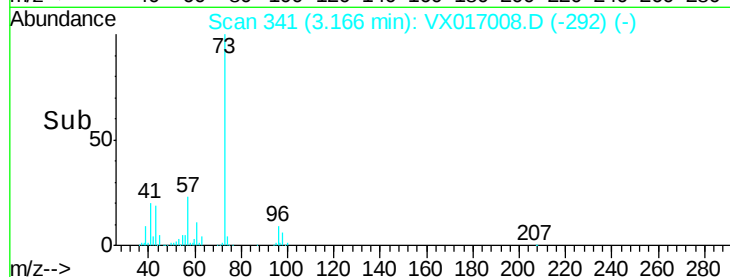
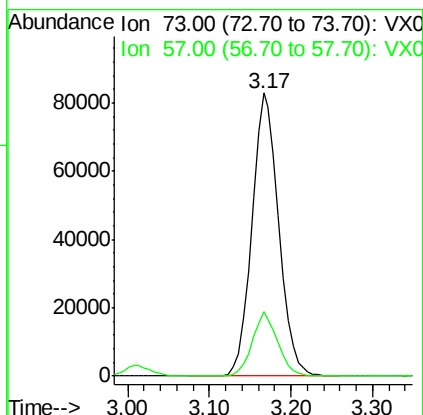
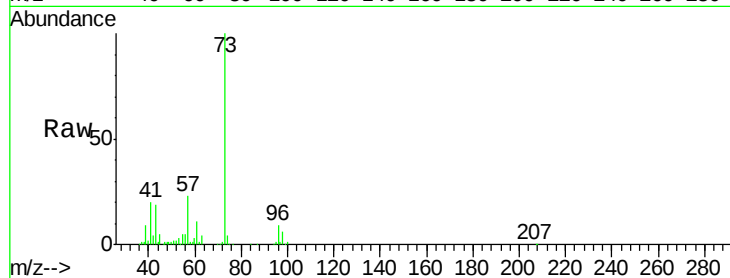


#19

Methyl tert-butyl Ether
 Concen: 20.309 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

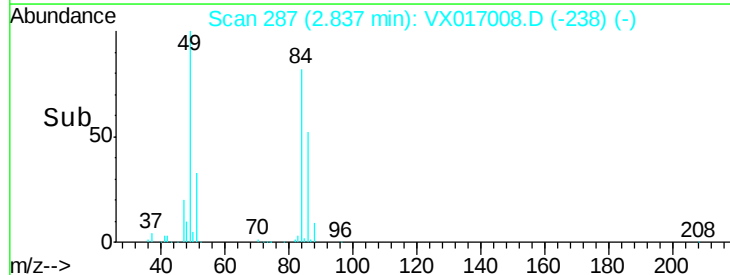
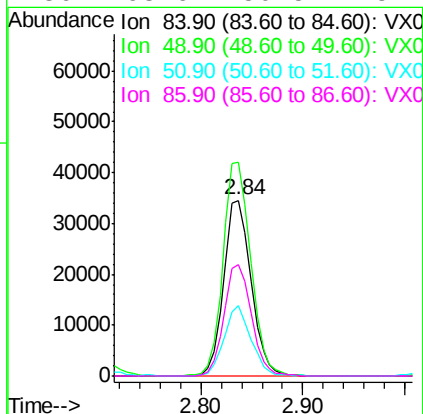
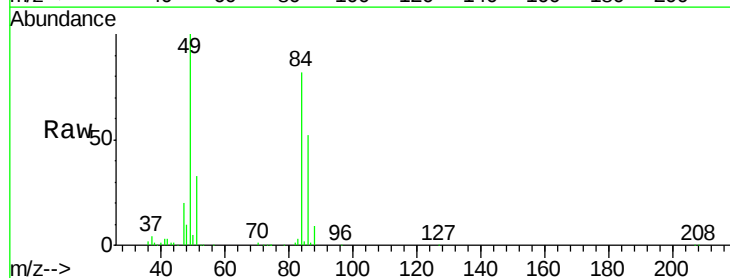
Tgt Ion: 73 Resp: 190061
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.6 26.4

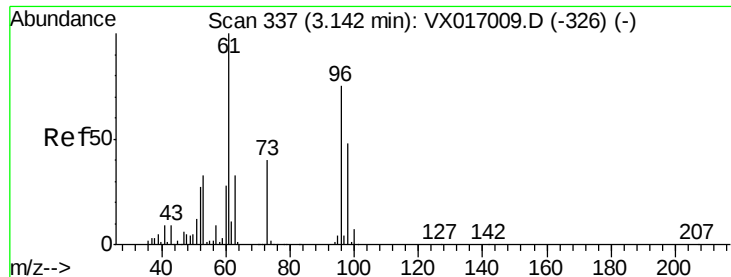


#20

Methylene Chloride
 Concen: 19.421 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Tgt Ion: 84 Resp: 64520
 Ion Ratio Lower Upper
 84 100
 49 121.2 94.7 142.1
 51 39.7 28.6 42.8
 86 63.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.877 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

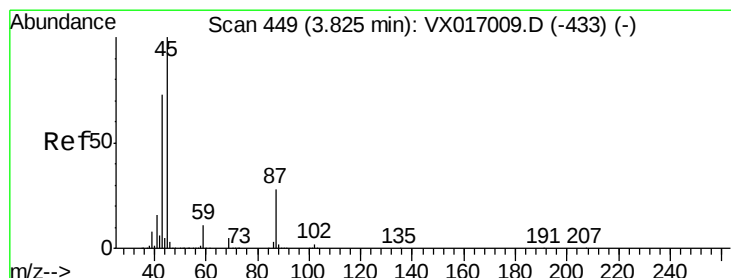
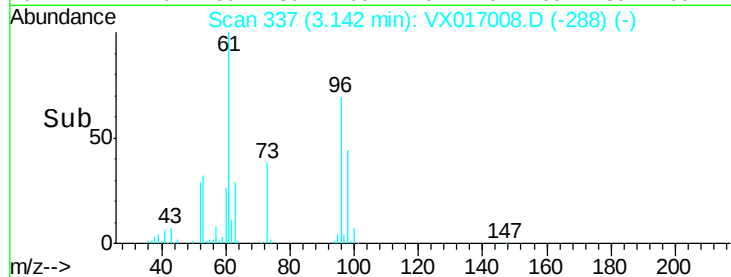
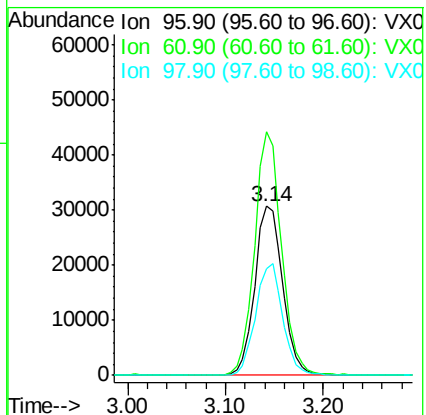
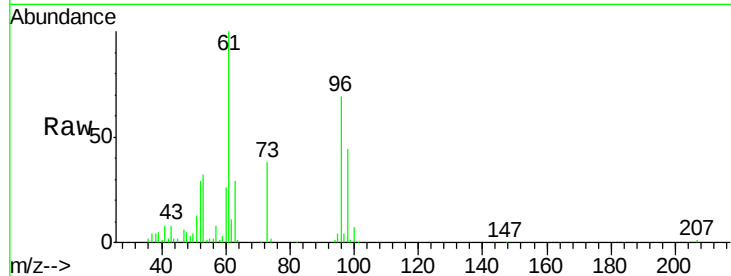
Tgt Ion: 96 Resp: 61508

Ion Ratio Lower Upper

96 100

61 144.1 107.0 160.6

98 63.5 51.6 77.4



#22

Diisopropyl ether

Concen: 20.915 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Tgt Ion: 45 Resp: 199480

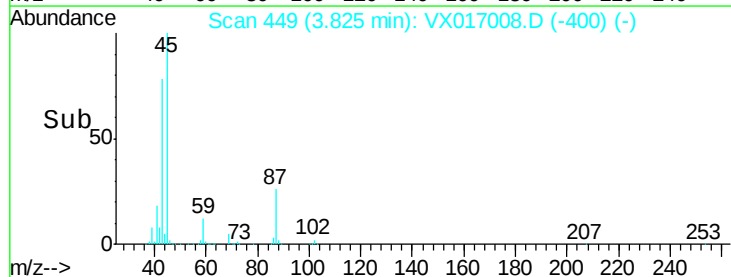
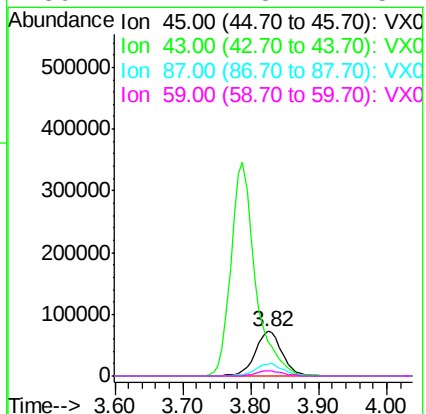
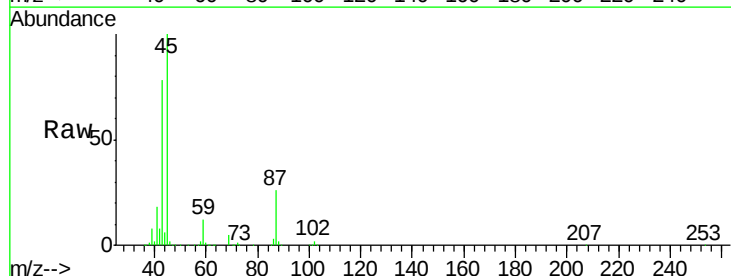
Ion Ratio Lower Upper

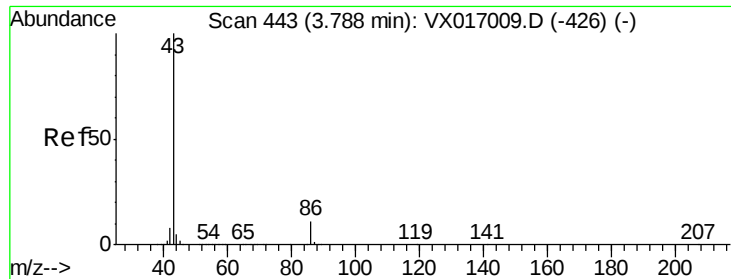
45 100

43 77.7 58.6 88.0

87 26.0 22.6 34.0

59 12.1 8.7 13.1





#23

Vinyl Acetate

Concen: 104.963 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

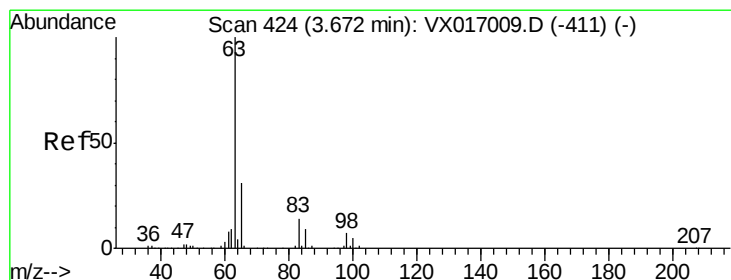
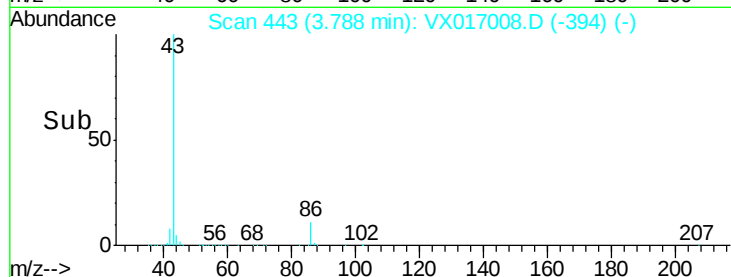
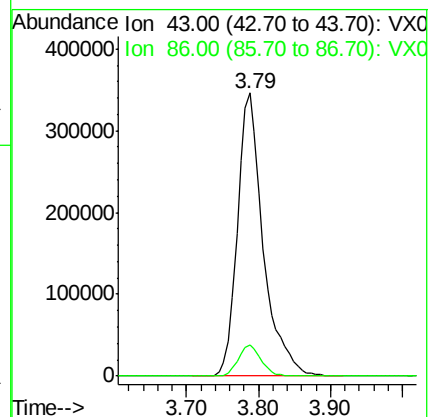
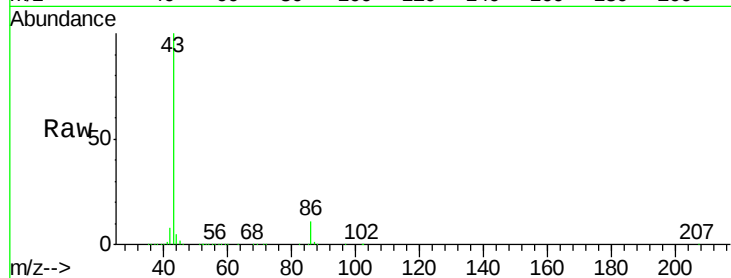
VSTDIC020

Tgt Ion: 43 Resp: 860251

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



#24

1,1-Dichloroethane

Concen: 20.321 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

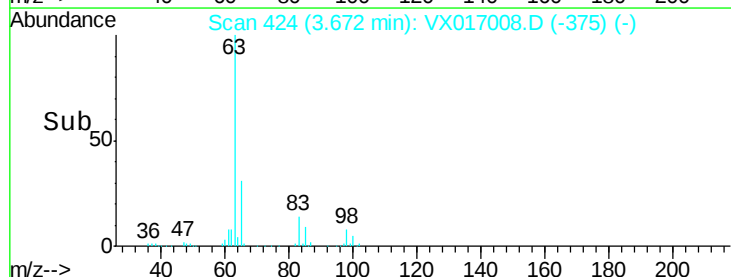
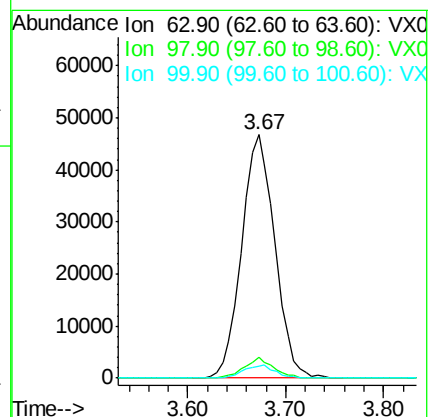
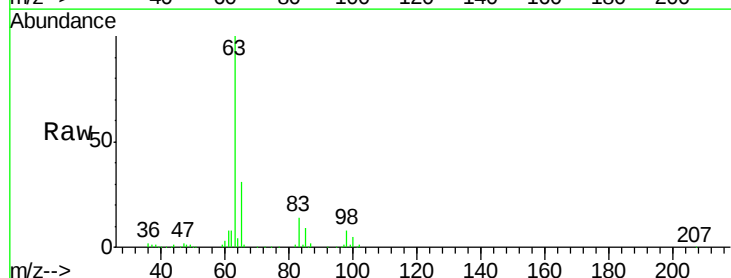
Tgt Ion: 63 Resp: 110281

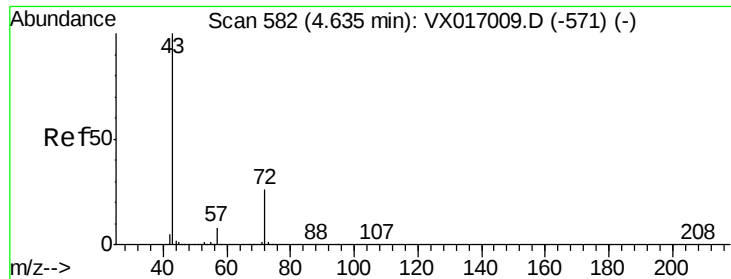
Ion Ratio Lower Upper

63 100

98 8.4 3.6 10.8

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 102.147 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

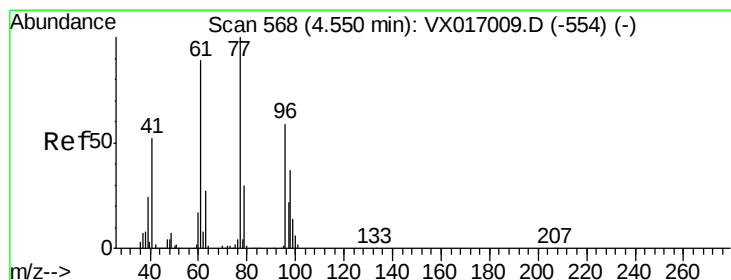
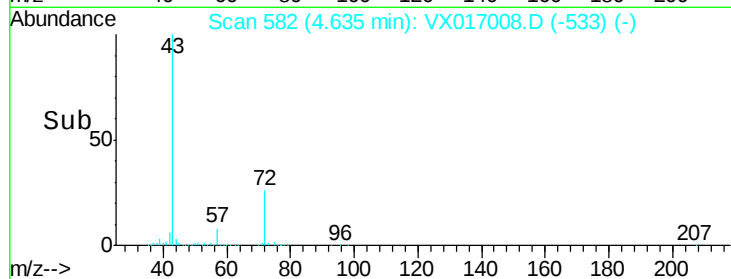
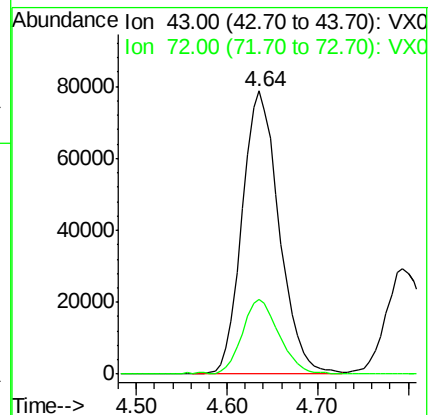
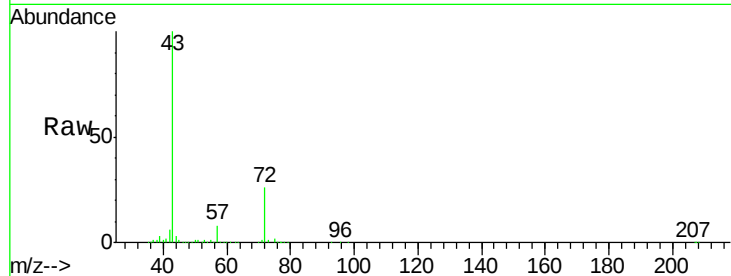
VSTDIC020

Tgt Ion: 43 Resp: 221225

Ion Ratio Lower Upper

43 100

72 26.3 20.8 31.2



#26

2,2-Dichloropropane

Concen: 20.090 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017008.D

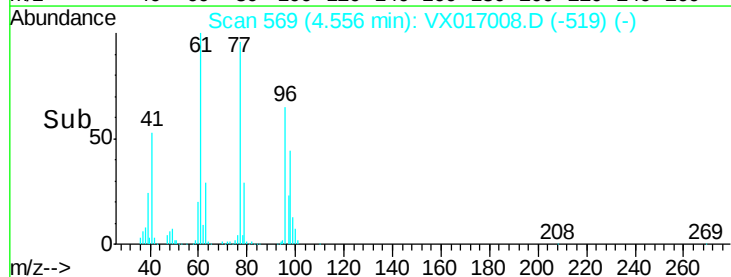
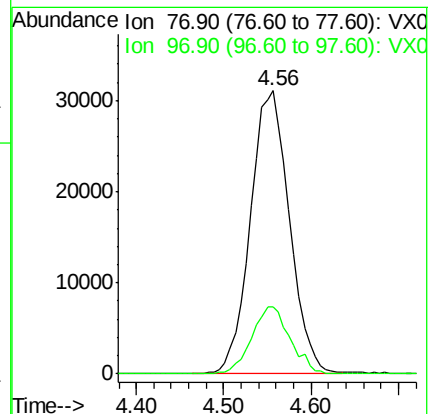
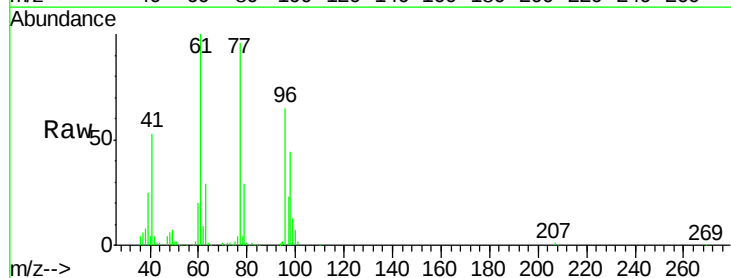
Acq: 29 Jun 2020 14:58

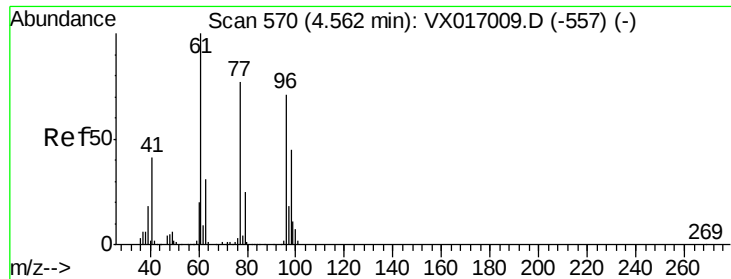
Tgt Ion: 77 Resp: 96805

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.2



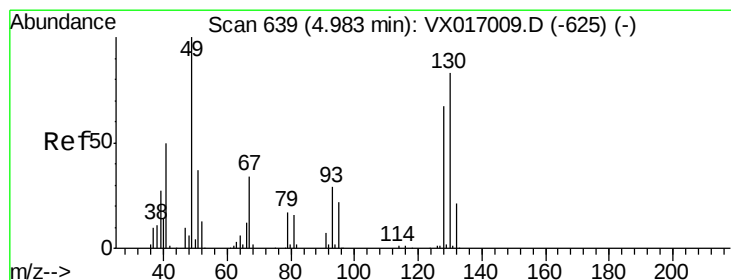
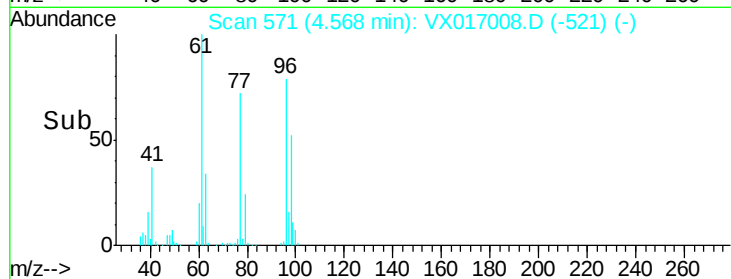
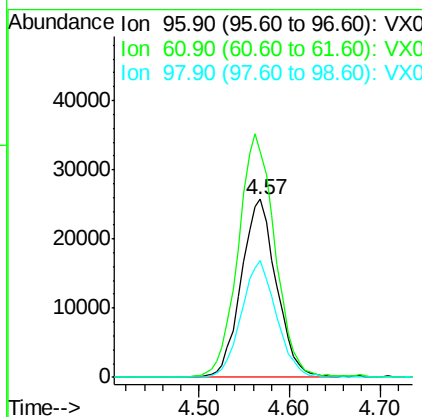
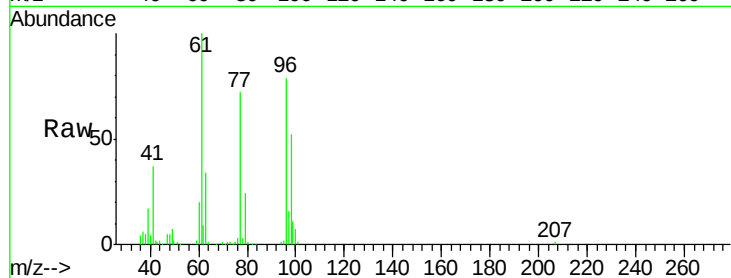


#27

cis-1,2-Dichloroethene
Concen: 19.765 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

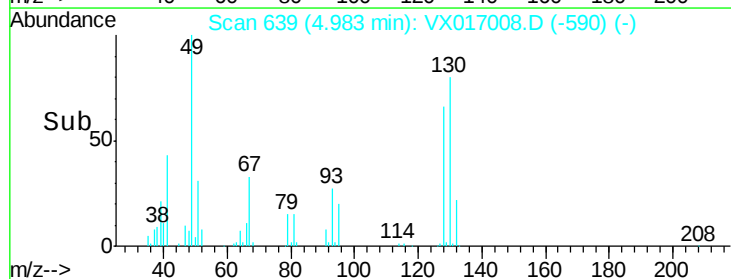
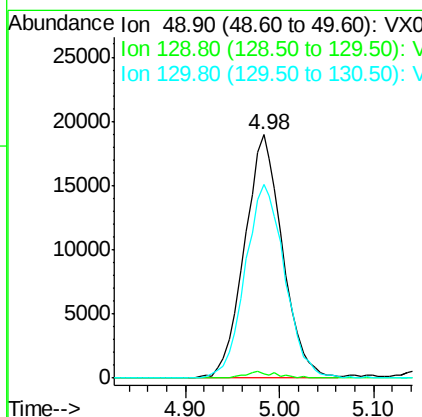
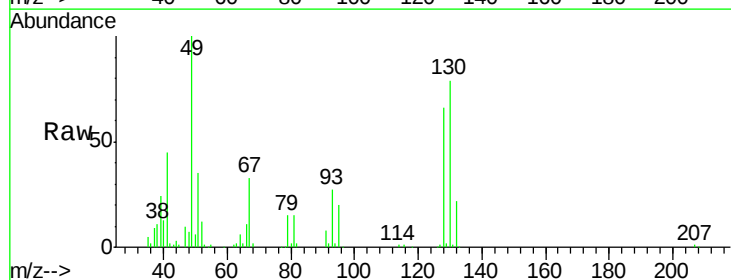
Tgt Ion: 96 Resp: 69298
Ion Ratio Lower Upper
96 100
61 142.9 0.0 282.8
98 65.1 0.0 127.6

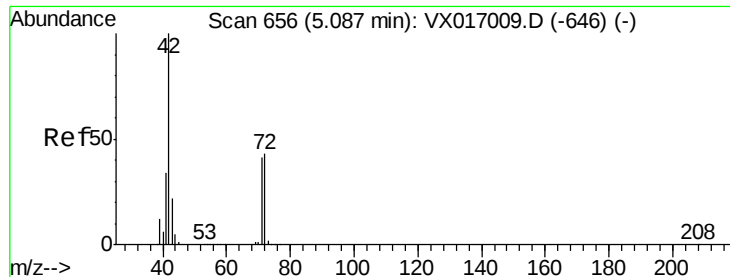


#28

Bromochloromethane
Concen: 20.264 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Tgt Ion: 49 Resp: 53514
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 83.0 66.6 100.0

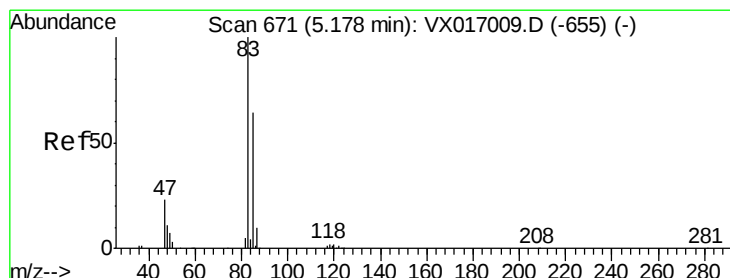
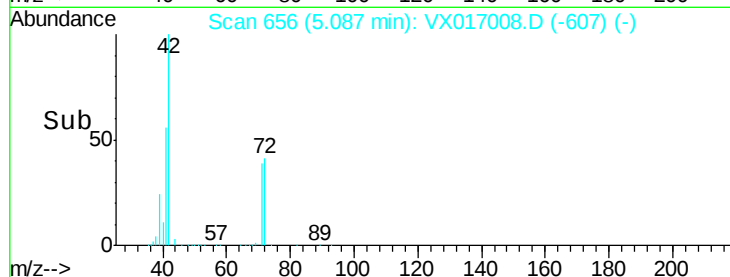
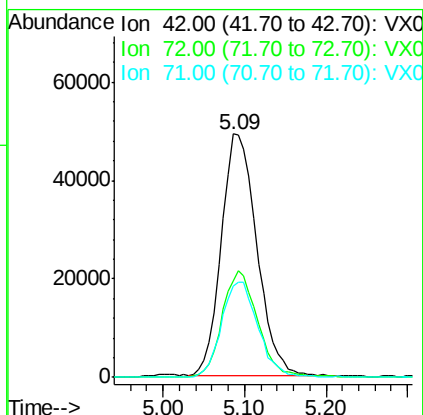
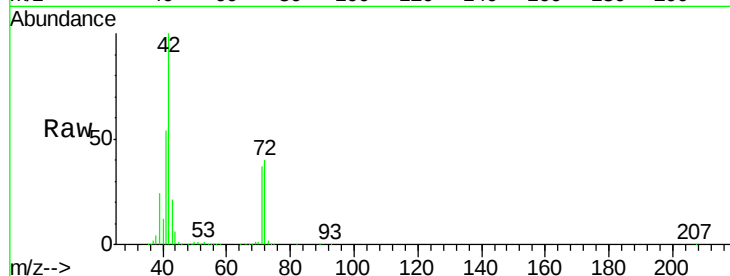




#29
Tetrahydrofuran
Concen: 104.230 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

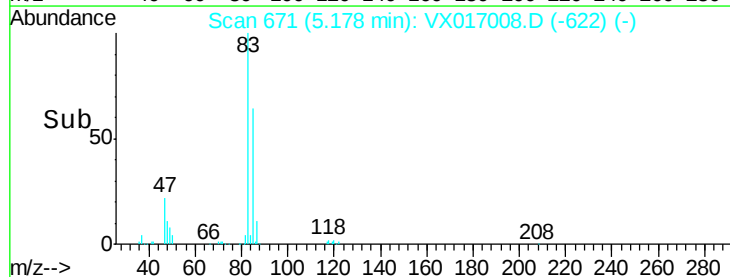
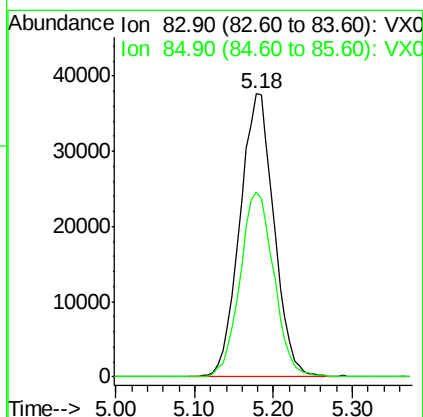
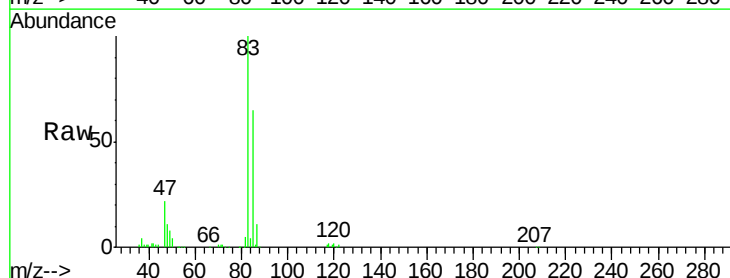
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

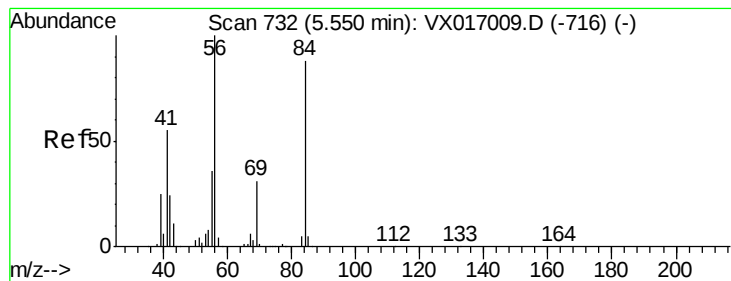
Tgt Ion: 42 Resp: 149148
Ion Ratio Lower Upper
42 100
72 43.9 35.3 52.9
71 40.4 33.1 49.7



#30
Chloroform
Concen: 20.379 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Tgt Ion: 83 Resp: 113367
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.2





#31

Cyclohexane

Concen: 20.553 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

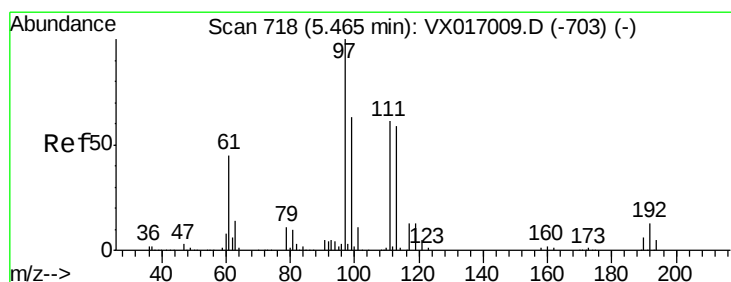
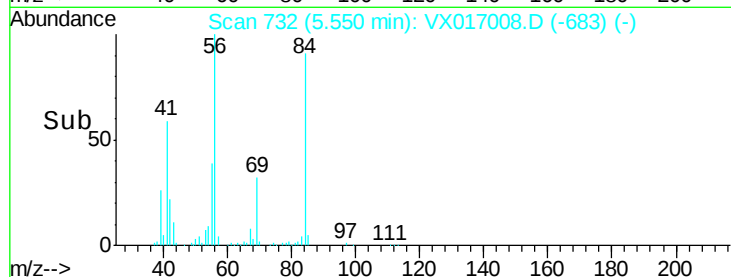
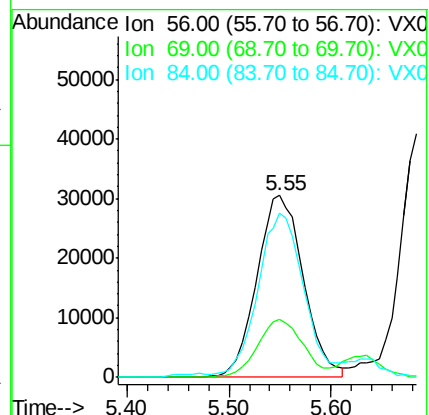
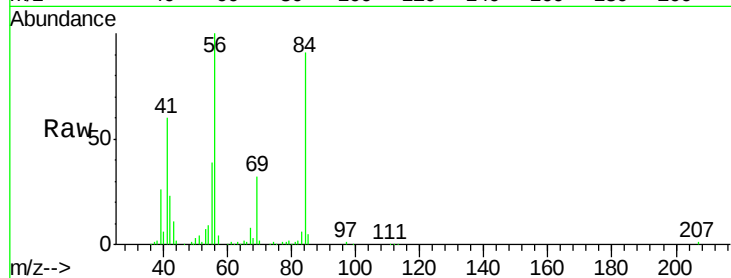
Tgt Ion: 56 Resp: 96411

Ion Ratio Lower Upper

56 100

69 31.8 25.0 37.4

84 88.7 69.1 103.7



#32

1,1,1-Trichloroethane

Concen: 20.452 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

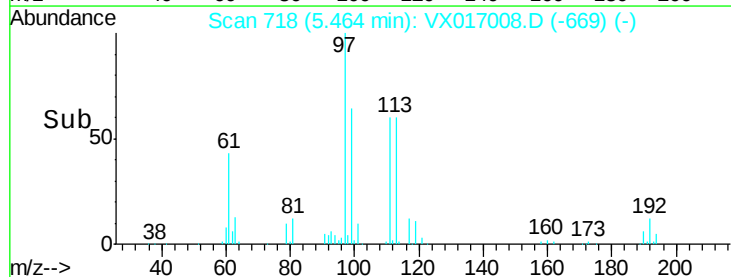
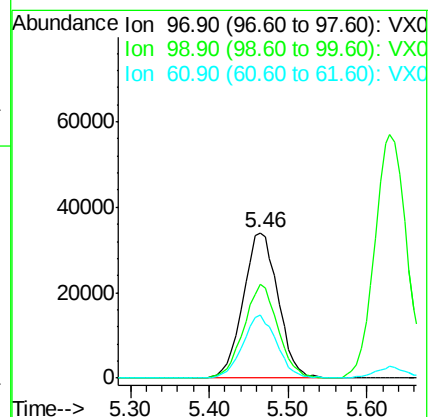
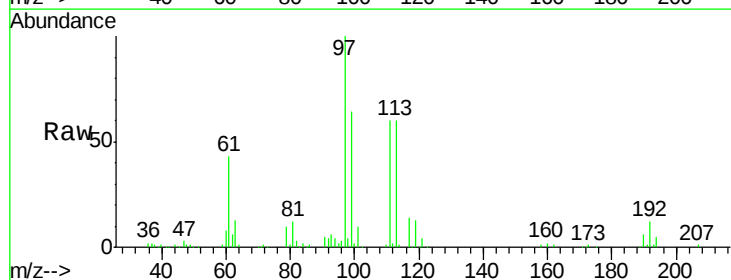
Tgt Ion: 97 Resp: 104784

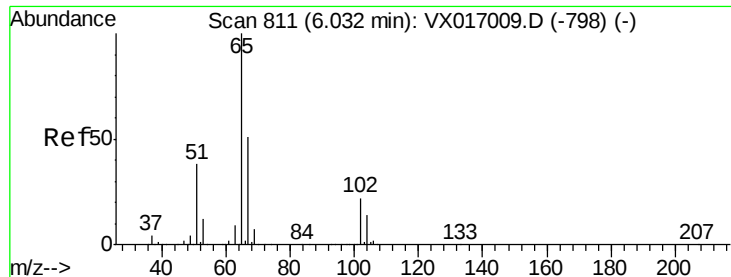
Ion Ratio Lower Upper

97 100

99 62.7 50.8 76.2

61 42.0 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 19.888 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

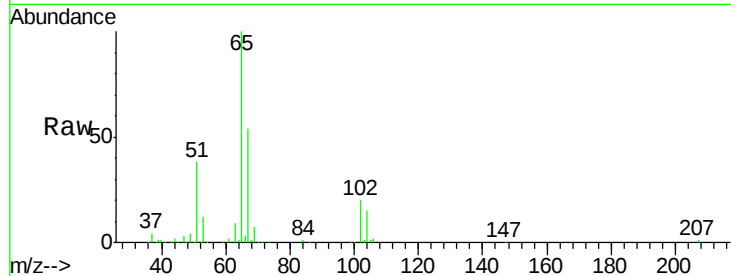
VSTDIC020

Tgt Ion: 65 Resp: 69101

Ion Ratio Lower Upper

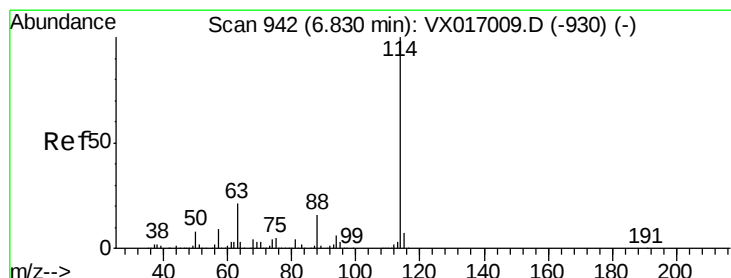
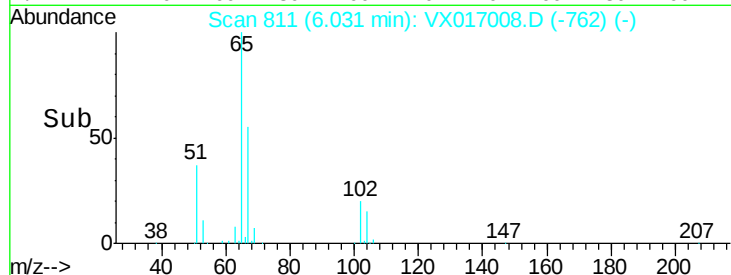
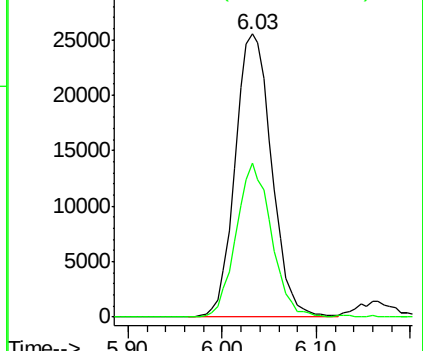
65 100

67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

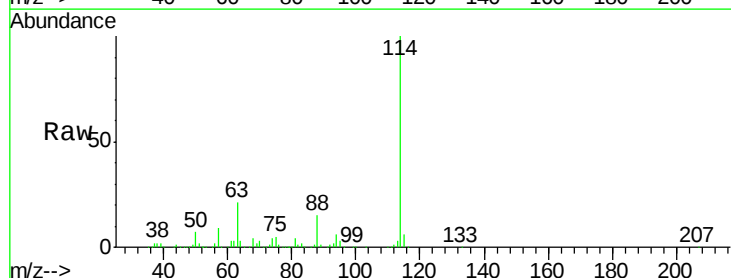
Tgt Ion: 114 Resp: 445178

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

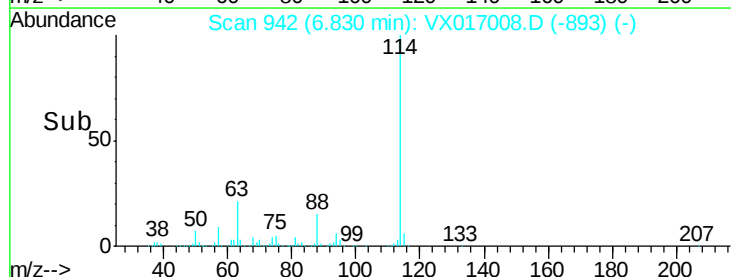
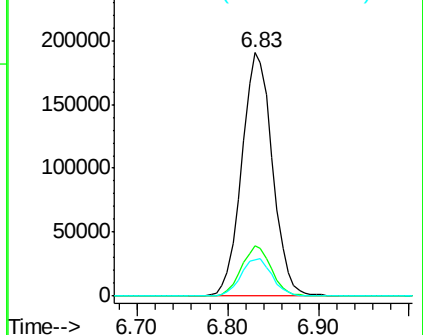
88 14.9 0.0 32.4

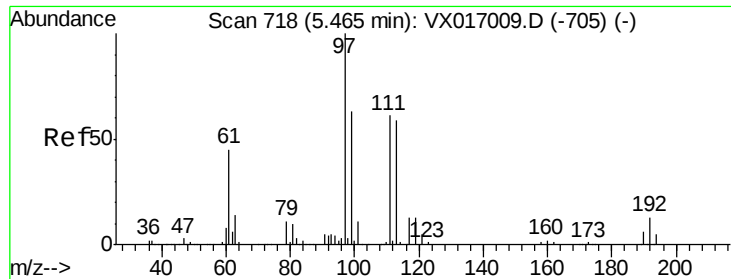


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

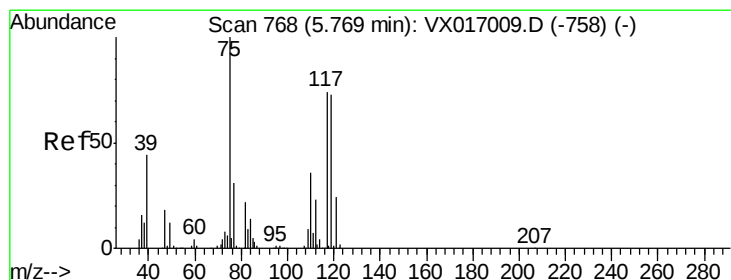
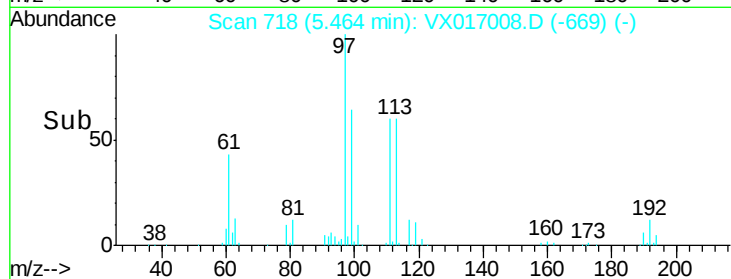
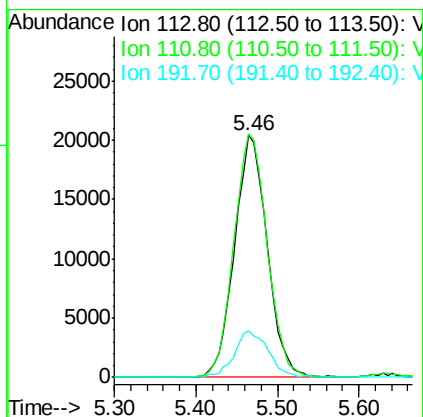
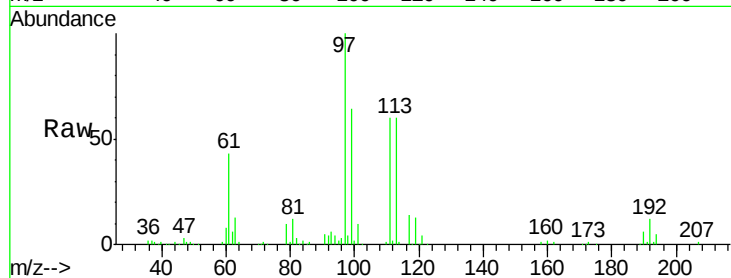




#35
Dibromofluoromethane
Concen: 20.108 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

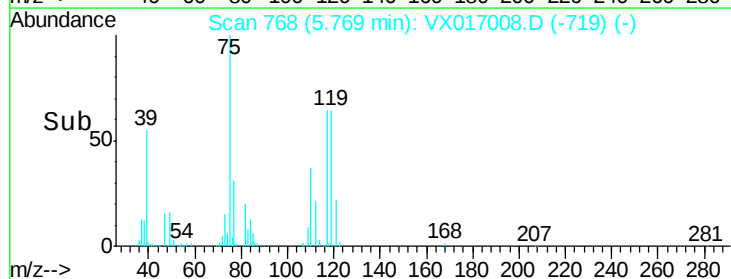
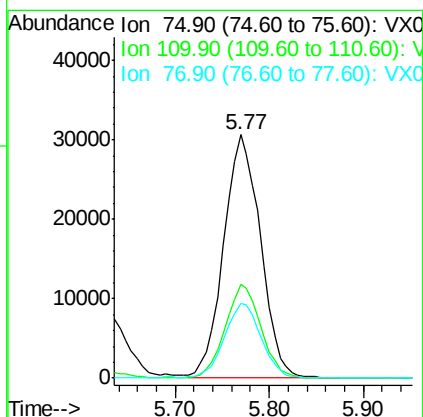
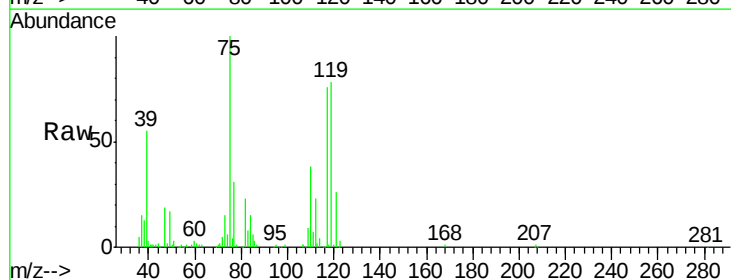
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

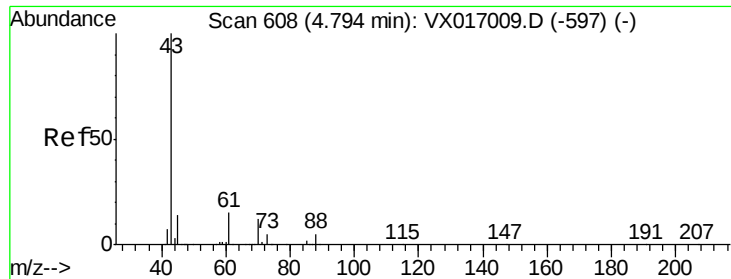
Tgt Ion:113 Resp: 56626
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 19.532 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Tgt Ion: 75 Resp: 82181
Ion Ratio Lower Upper
75 100
110 37.5 18.1 54.1
77 31.2 24.6 37.0

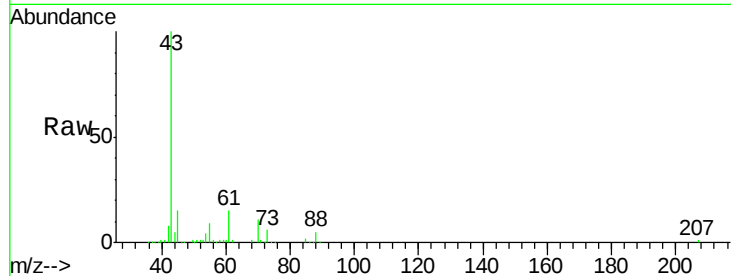




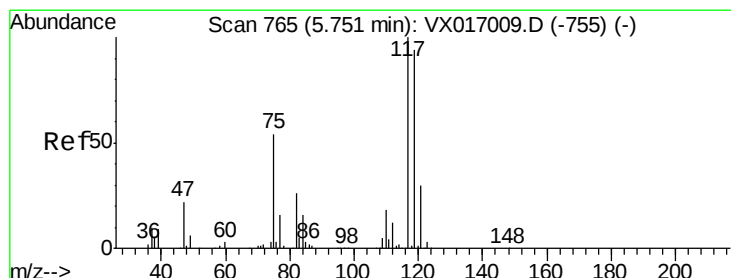
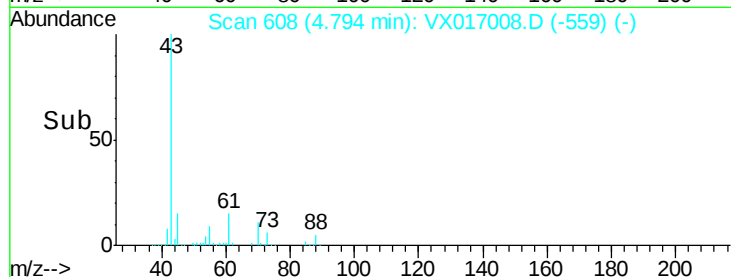
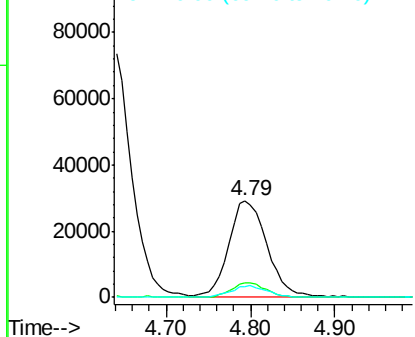
#37
Ethyl Acetate
Concen: 20.616 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion: 43 Resp: 88008
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 11.5 8.9 13.3

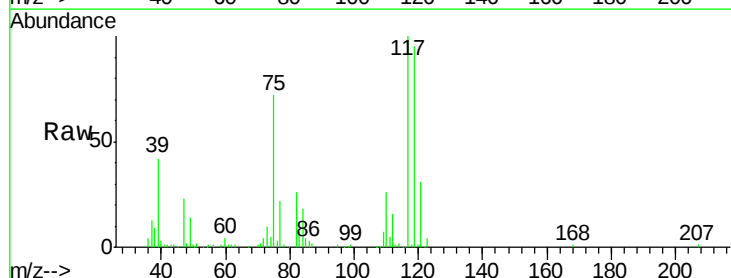


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

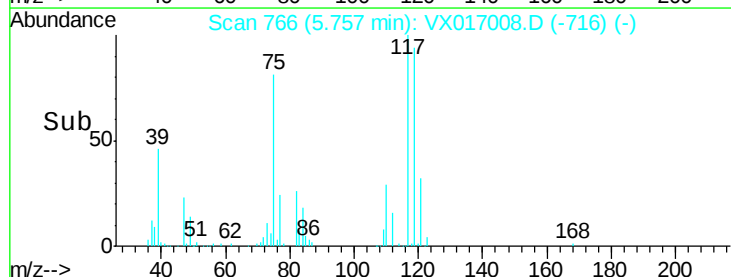
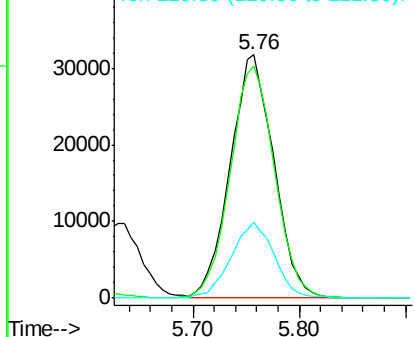


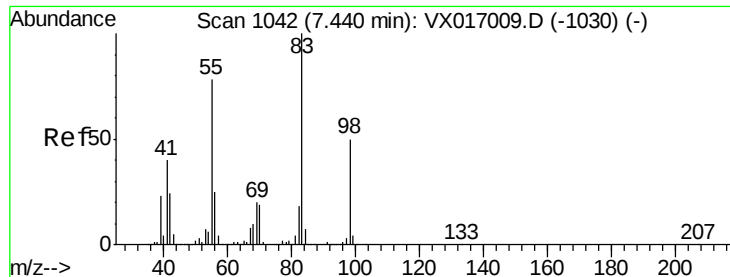
#38
Carbon Tetrachloride
Concen: 19.594 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Tgt Ion: 117 Resp: 90802
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0
121 31.3 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

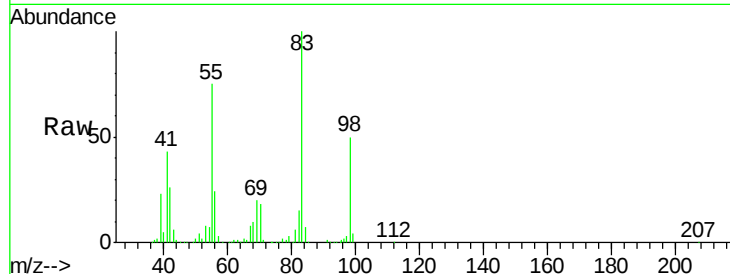




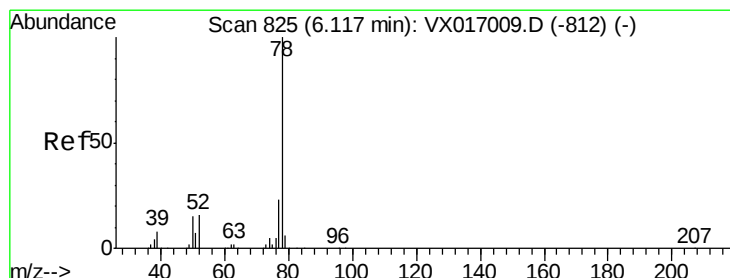
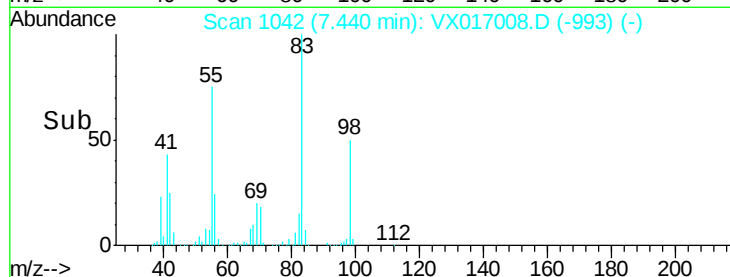
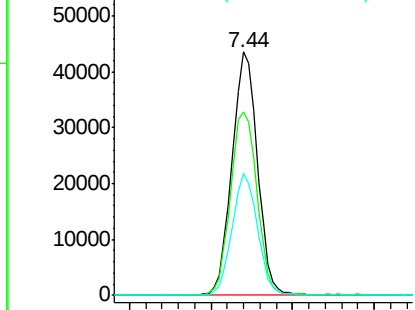
#39
Methylcyclohexane
Concen: 19.969 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.4	62.5	93.7
98	50.0	40.1	60.1

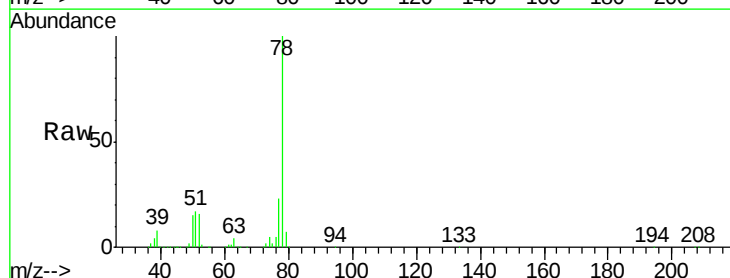


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

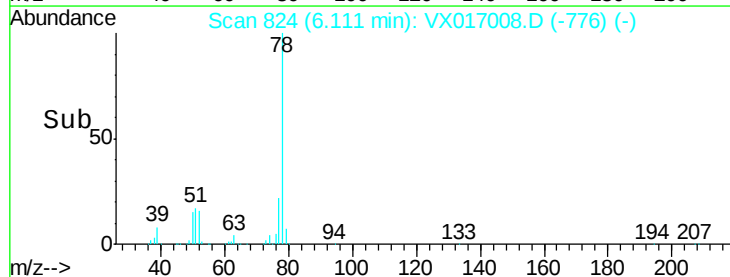
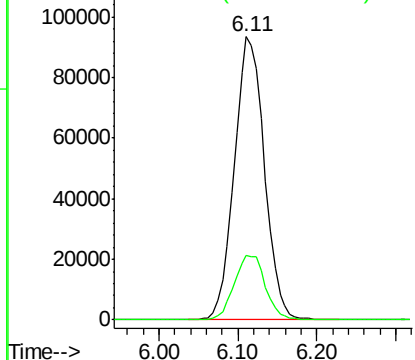


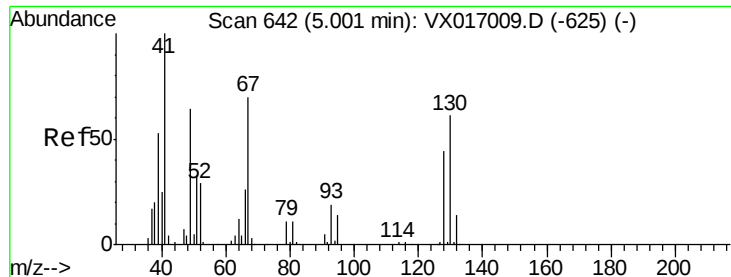
#40
Benzene
Concen: 20.057 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.3	27.5



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





#41

Methacrylonitrile

Concen: 20.520 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 49303

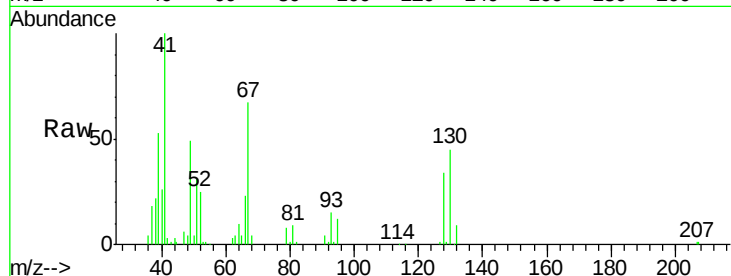
Ion Ratio Lower Upper

41 100

39 52.6 44.4 66.6

67 70.3 57.1 85.7

52 30.0 23.2 34.8

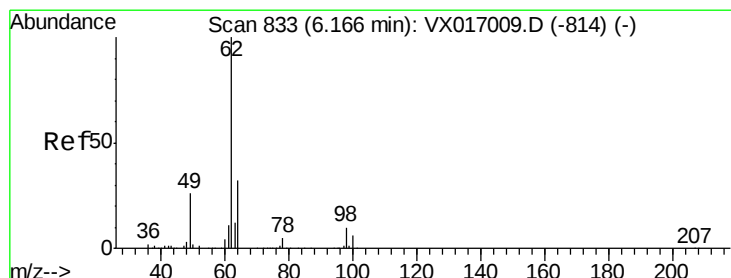
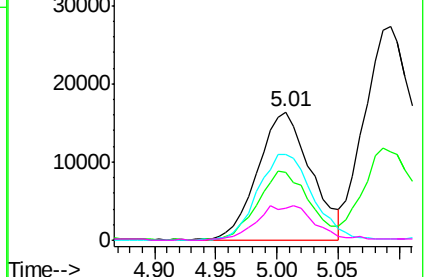
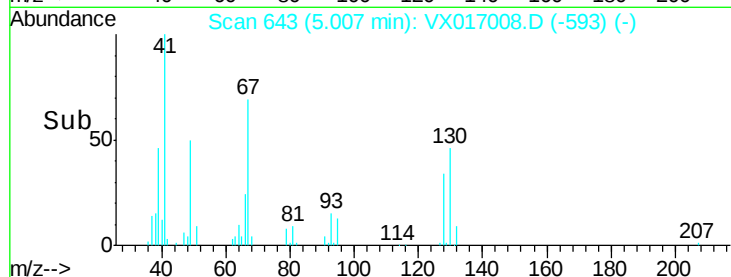


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.916 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017008.D

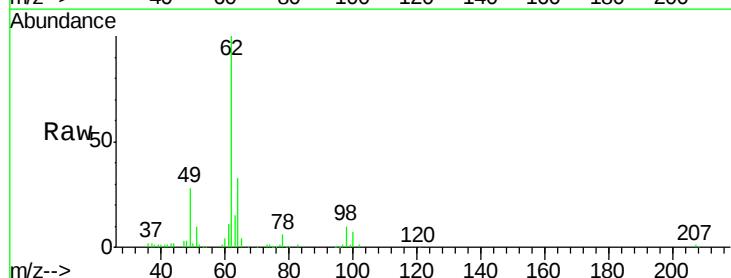
Acq: 29 Jun 2020 14:58

Tgt Ion: 62 Resp: 88932

Ion Ratio Lower Upper

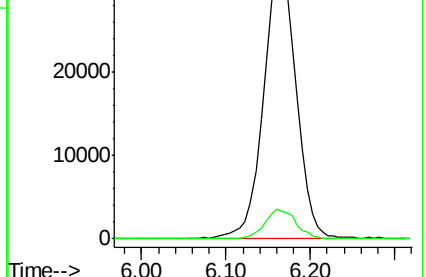
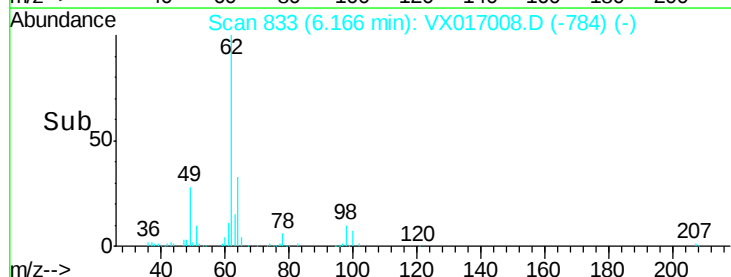
62 100

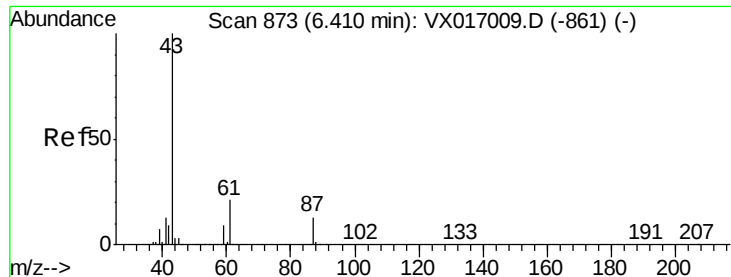
98 10.2 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.591 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

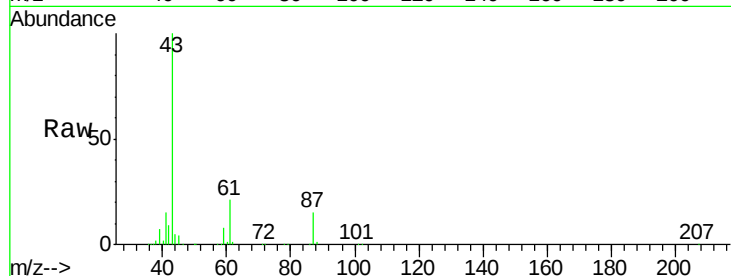
Tgt Ion: 43 Resp: 138976

Ion Ratio Lower Upper

43 100

61 20.5 16.2 24.2

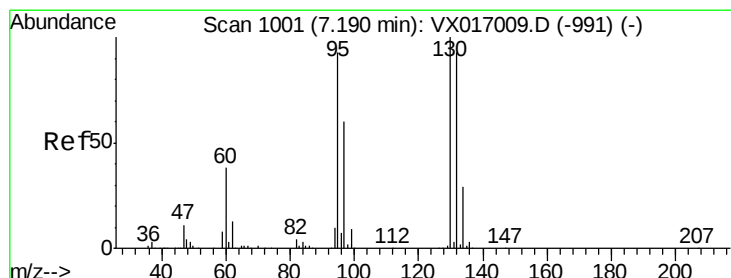
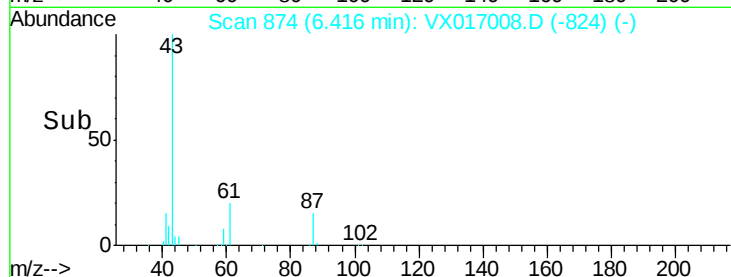
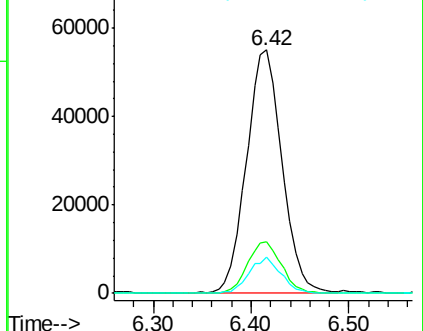
87 13.6 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.570 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017008.D

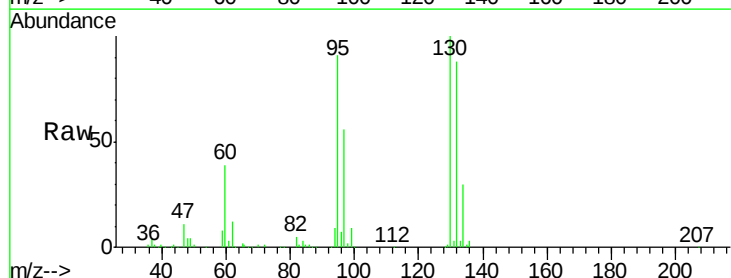
Acq: 29 Jun 2020 14:58

Tgt Ion: 130 Resp: 72869

Ion Ratio Lower Upper

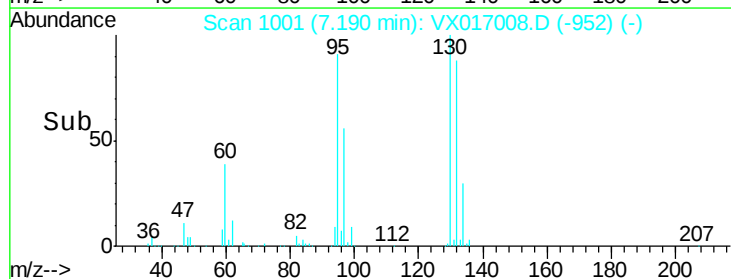
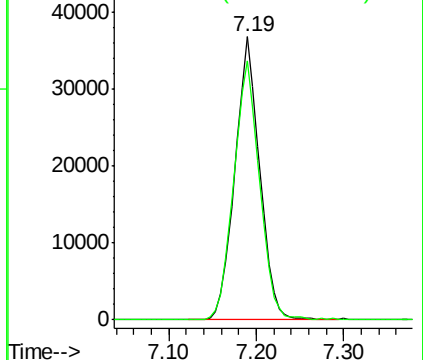
130 100

95 91.4 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.038 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

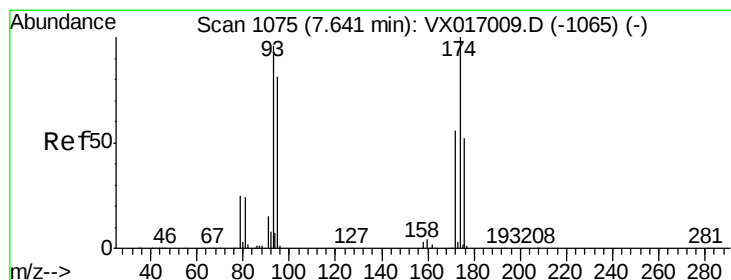
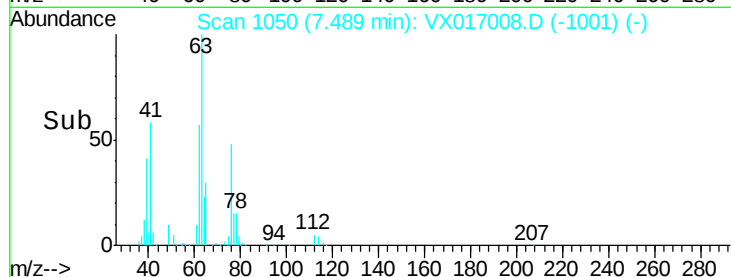
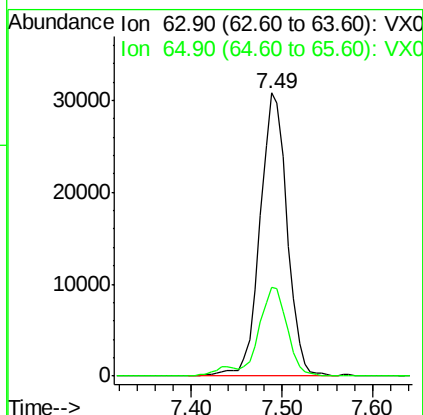
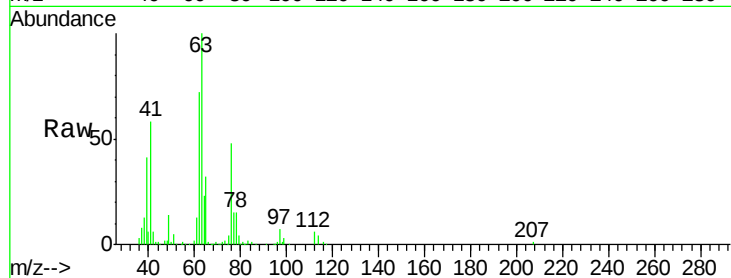
VSTDIC020

Tgt Ion: 63 Resp: 63624

Ion Ratio Lower Upper

63 100

65 31.6 24.6 36.8



#46

Dibromomethane

Concen: 19.943 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

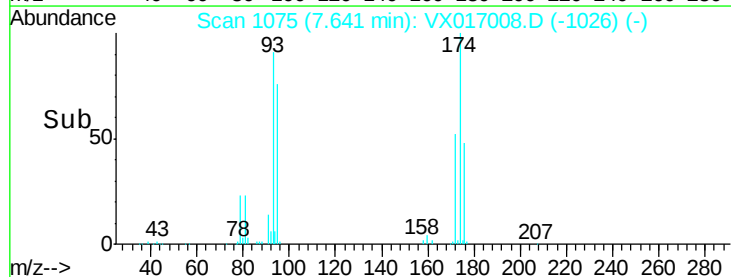
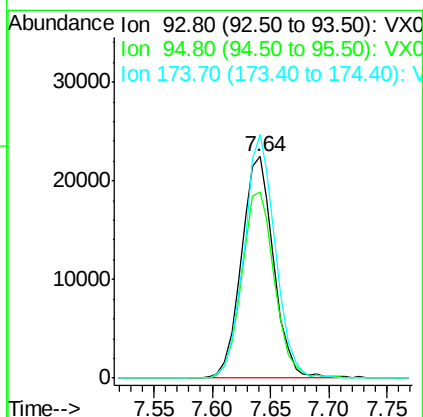
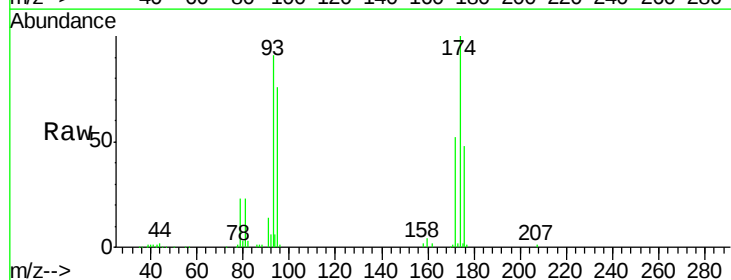
Tgt Ion: 93 Resp: 43232

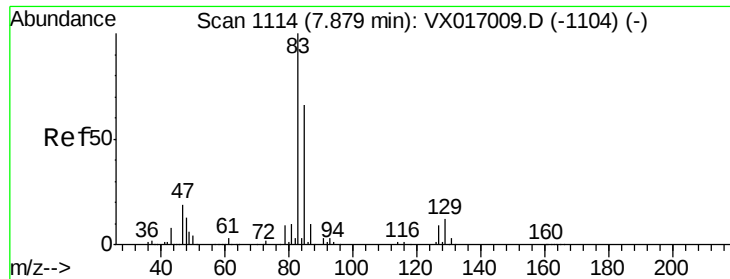
Ion Ratio Lower Upper

93 100

95 85.4 67.4 101.0

174 106.9 84.3 126.5





#47

Bromodichloromethane

Concen: 20.049 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

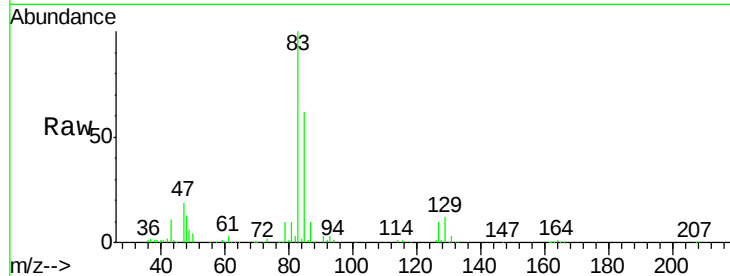
Tgt Ion: 83 Resp: 89567

Ion Ratio Lower Upper

83 100

85 61.9 53.0 79.4

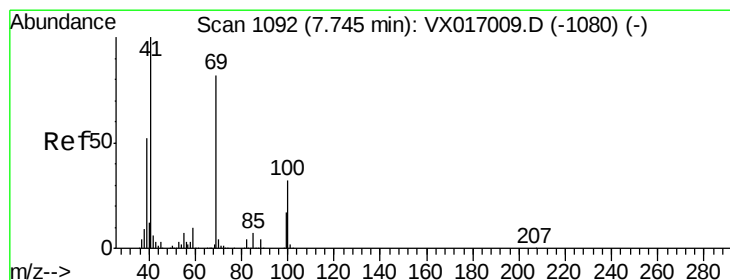
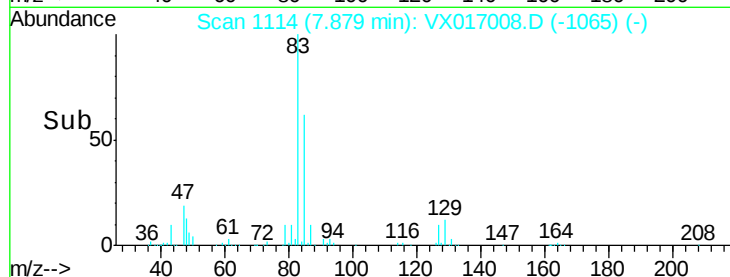
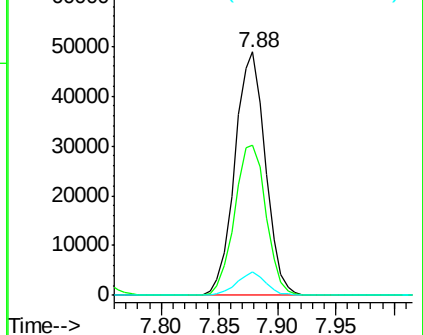
127 9.8 7.5 11.3



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: 19.685 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

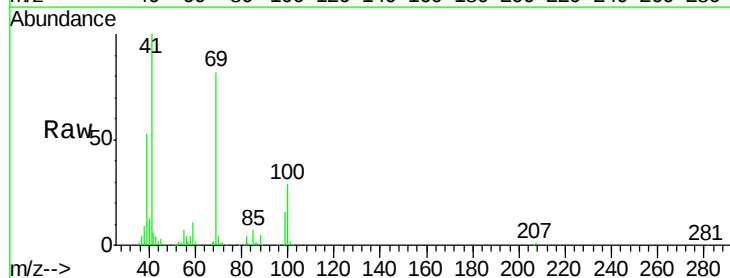
Tgt Ion: 41 Resp: 66342

Ion Ratio Lower Upper

41 100

69 85.0 65.8 98.8

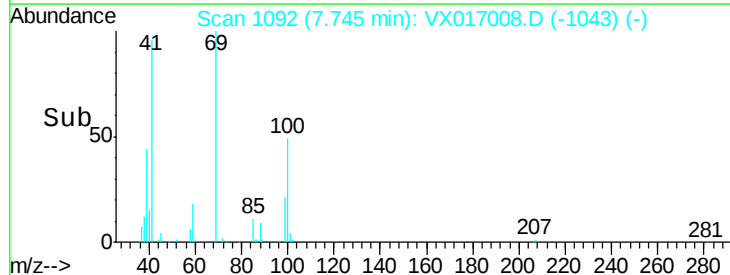
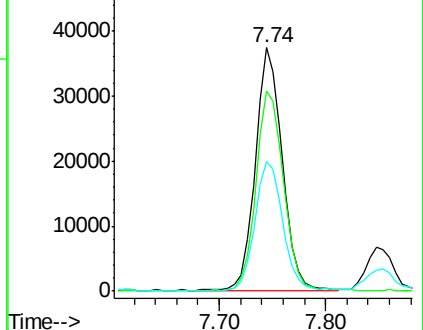
39 55.0 42.5 63.7

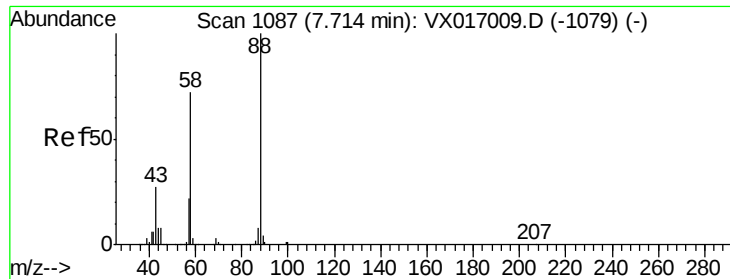


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 407.041 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

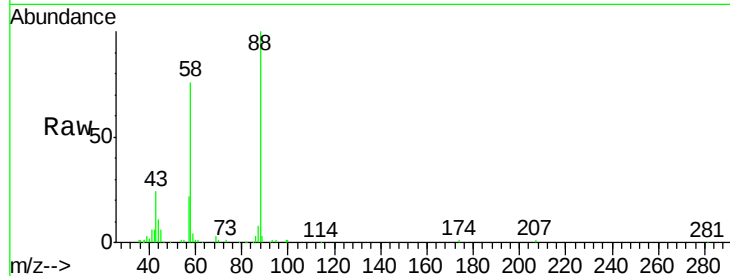
Tgt Ion: 88 Resp: 31078

Ion Ratio Lower Upper

88 100

43 34.6 25.8 38.8

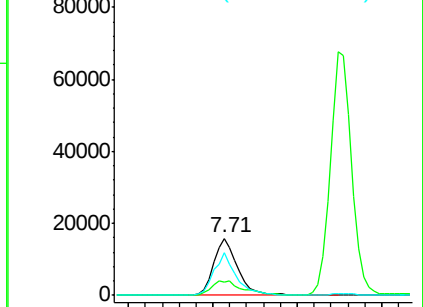
58 70.1 54.8 82.2



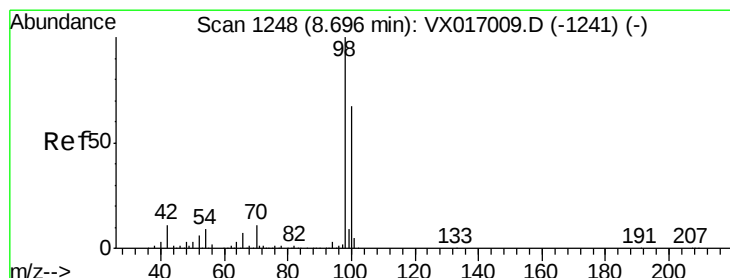
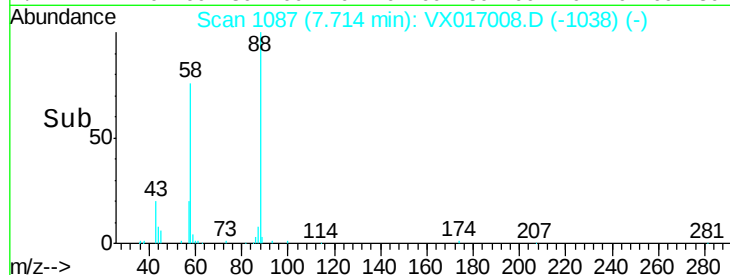
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 20.189 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017008.D

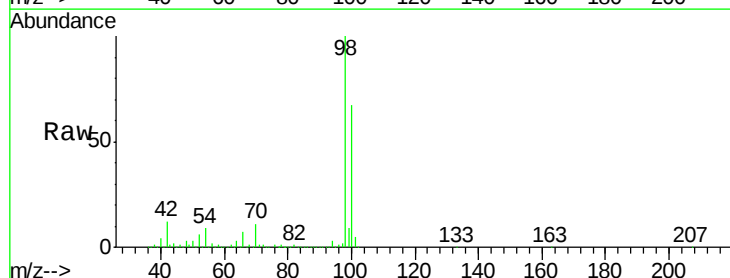
Acq: 29 Jun 2020 14:58

Tgt Ion: 98 Resp: 210228

Ion Ratio Lower Upper

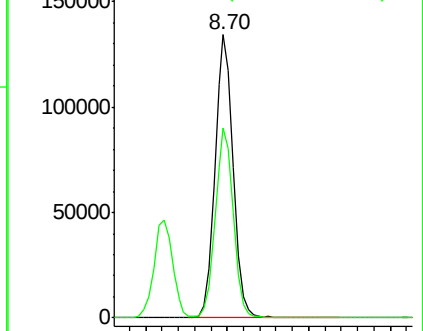
98 100

100 67.0 53.8 80.6

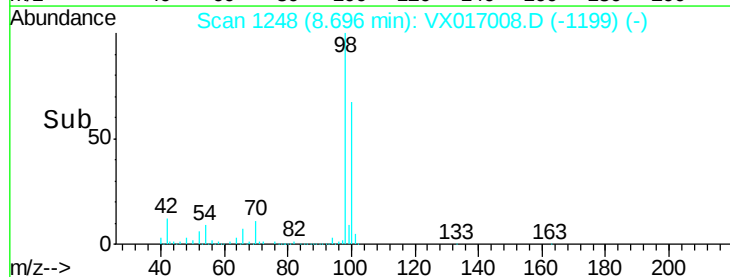


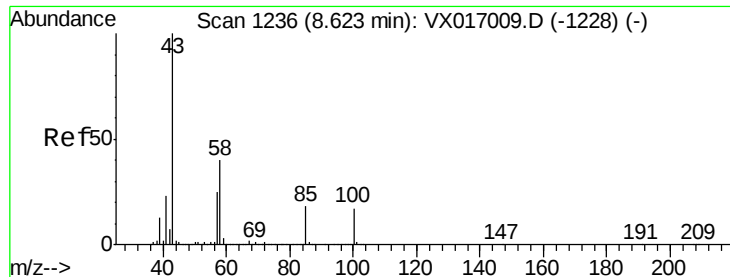
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->

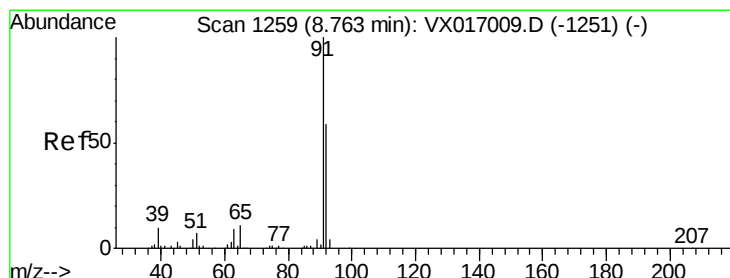
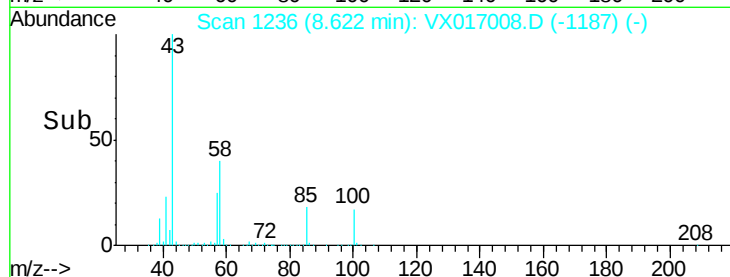
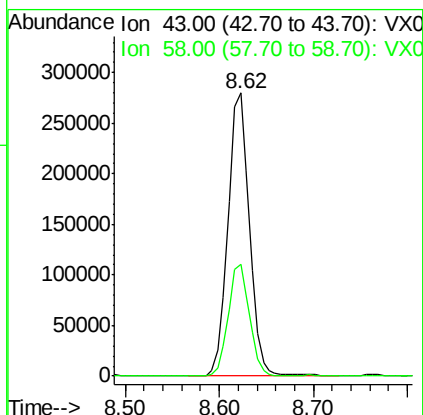
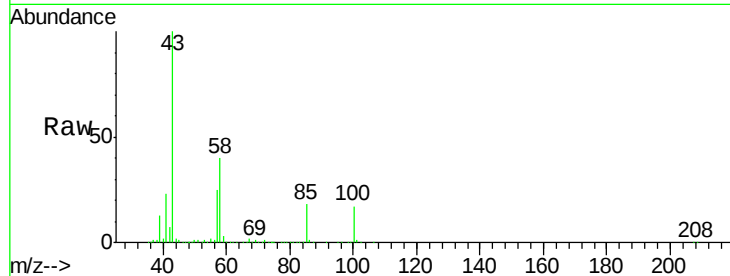




#51
 4-Methyl-2-Pentanone
 Concen: 104.514 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

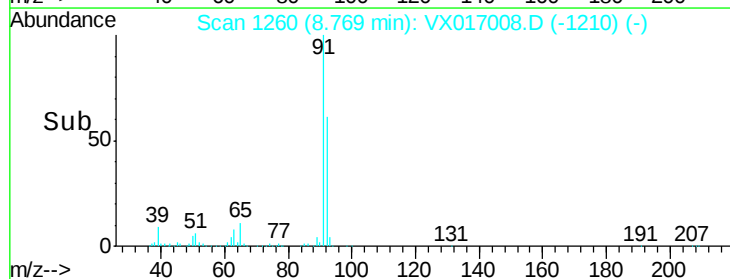
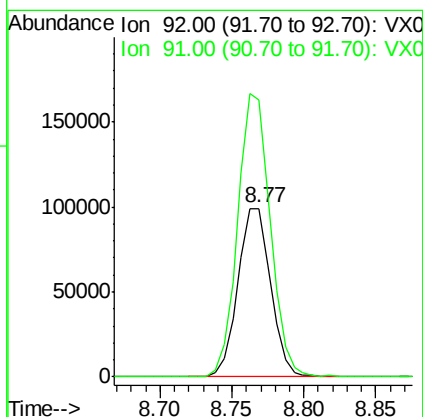
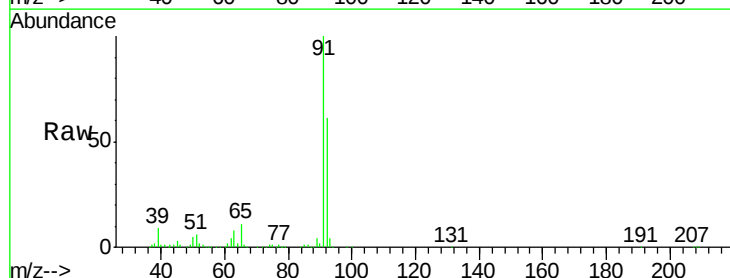
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

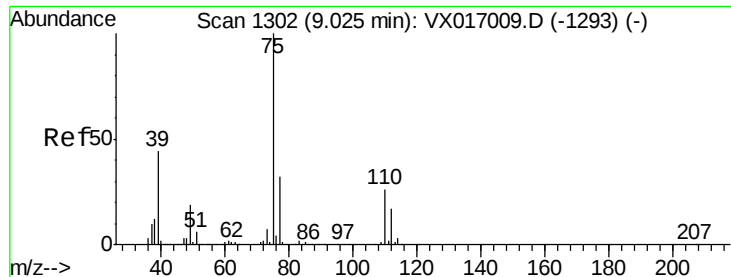
Tgt Ion: 43 Resp: 441943
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.9 47.9



#52
 Toluene
 Concen: 20.296 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Tgt Ion: 92 Resp: 156654
 Ion Ratio Lower Upper
 92 100
 91 167.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 19.622 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

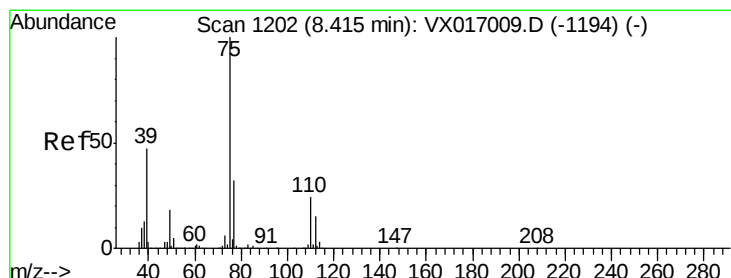
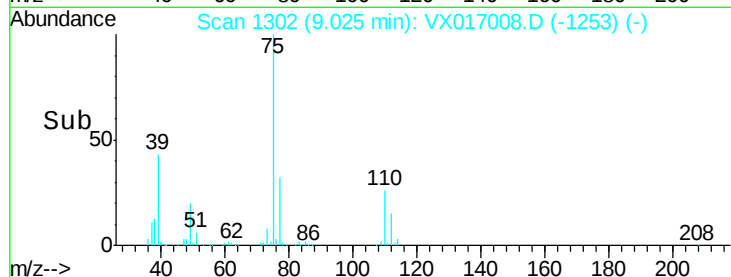
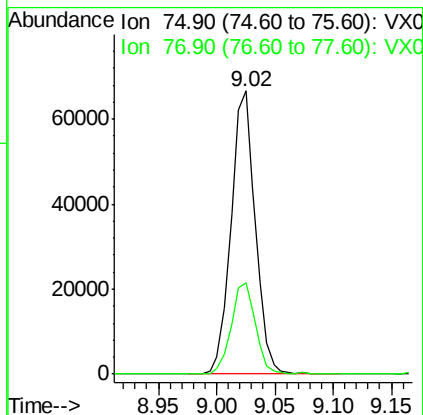
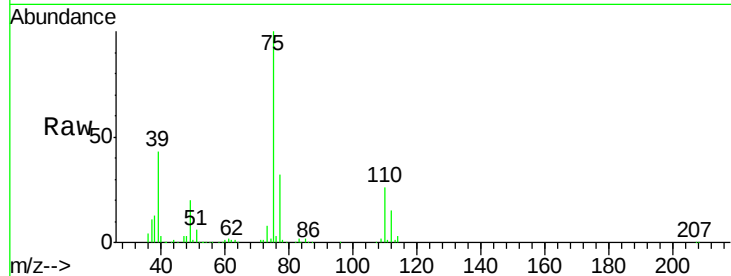
VSTDIC020

Tgt Ion: 75 Resp: 96717

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 19.945 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

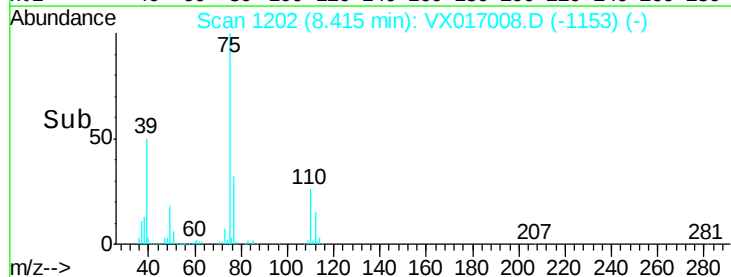
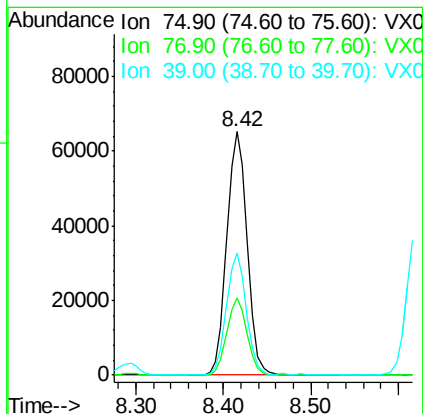
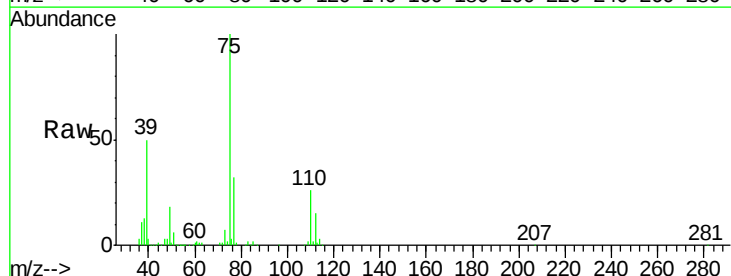
Tgt Ion: 75 Resp: 105384

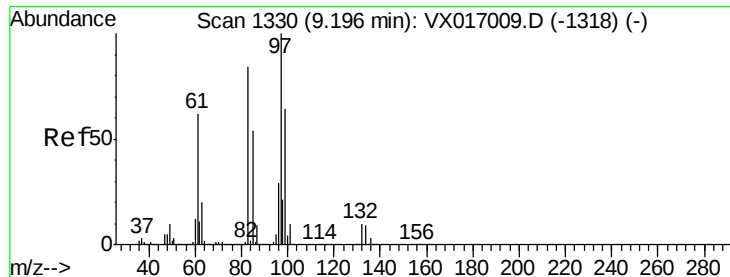
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 49.7 37.4 56.2

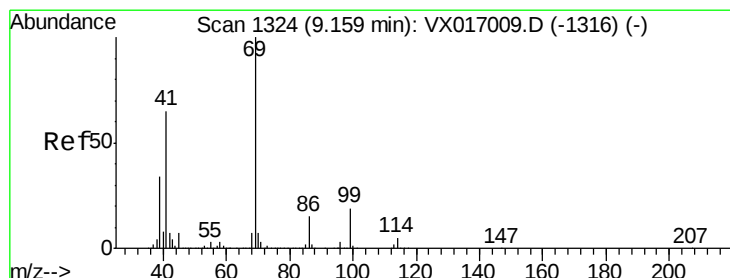
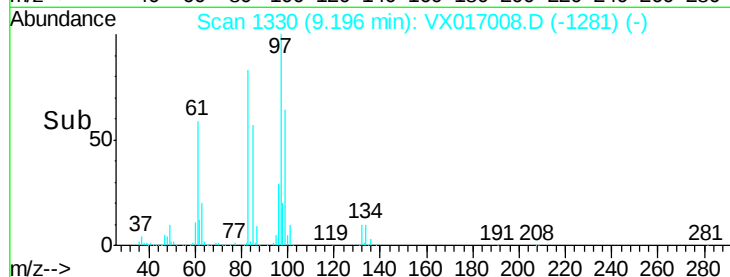
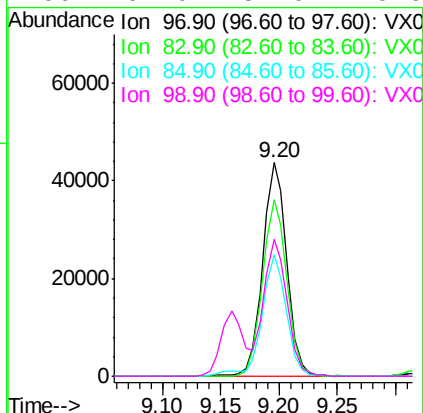
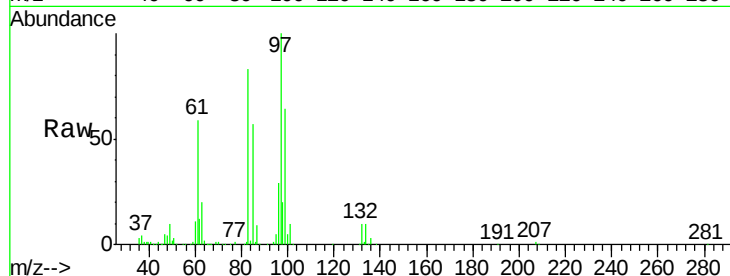




#55
 1,1,2-Trichloroethane
 Concen: 19.982 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

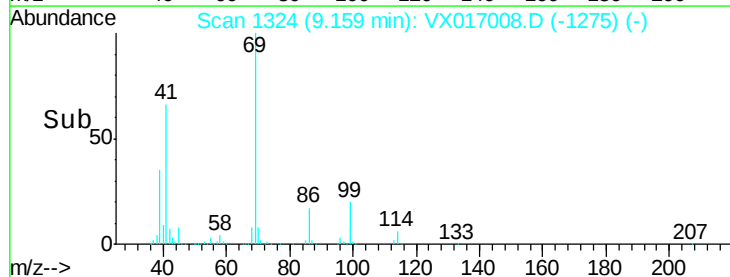
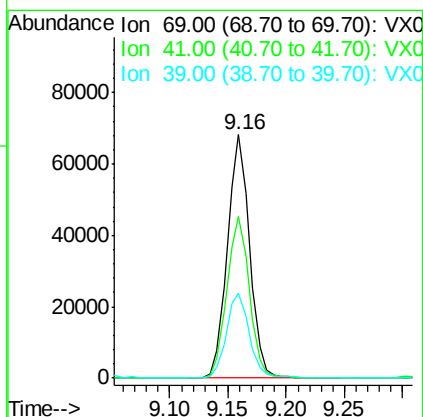
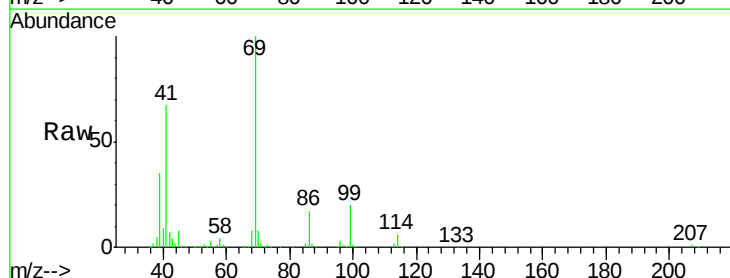
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

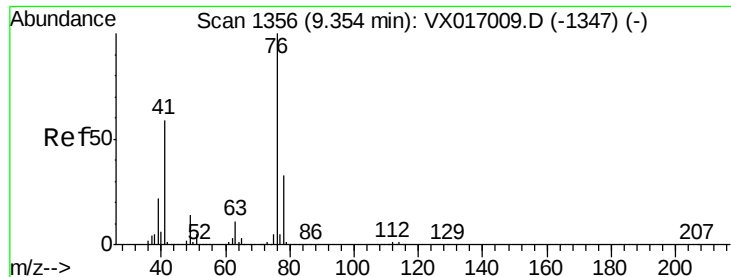
Tgt Ion: 97 Resp: 63012
 Ion Ratio Lower Upper
 97 100
 83 82.6 67.0 100.6
 85 57.2 43.5 65.3
 99 64.0 51.0 76.6



#56
 Ethyl methacrylate
 Concen: 20.169 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Tgt Ion: 69 Resp: 90526
 Ion Ratio Lower Upper
 69 100
 41 67.0 53.6 80.4
 39 35.5 28.2 42.2





#57

1,3-Dichloropropane

Concen: 20.025 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

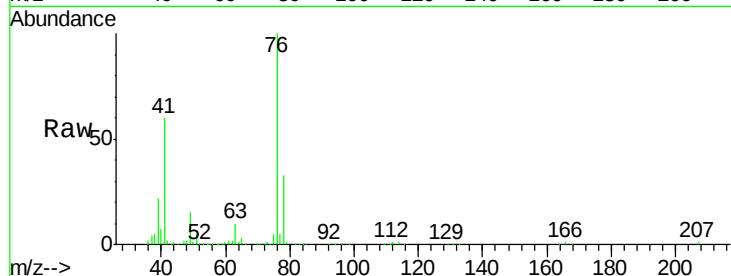
VSTDIC020

Tgt Ion: 76 Resp: 106854

Ion Ratio Lower Upper

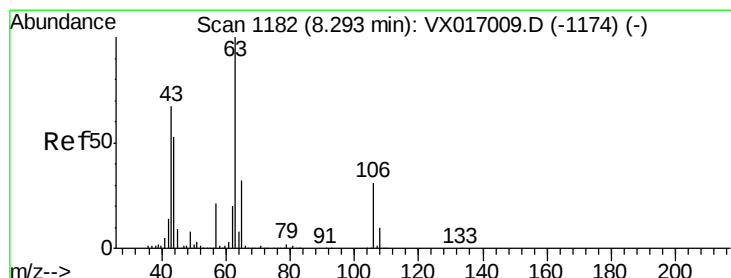
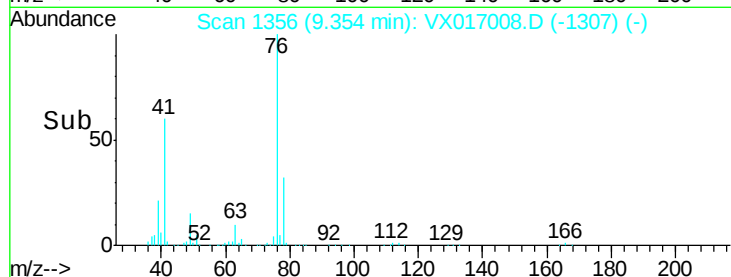
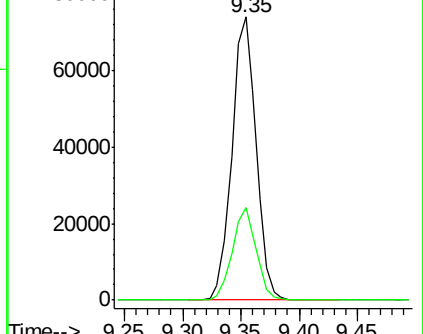
76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.825 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017008.D

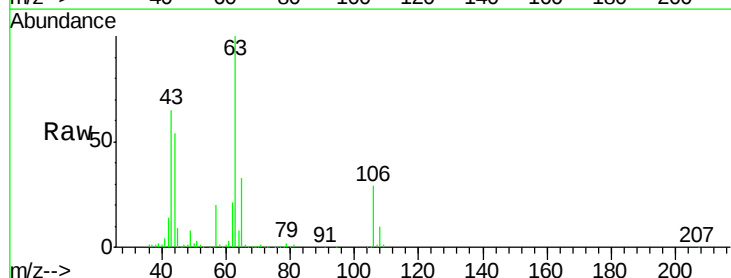
Acq: 29 Jun 2020 14:58

Tgt Ion: 63 Resp: 234163

Ion Ratio Lower Upper

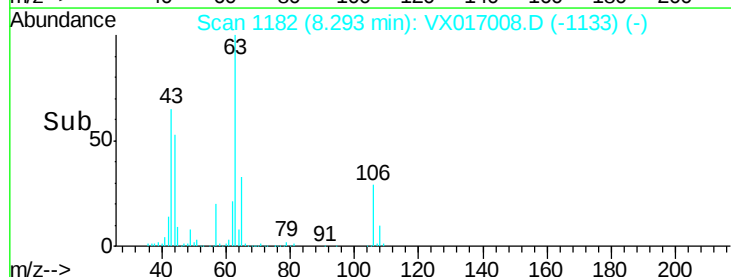
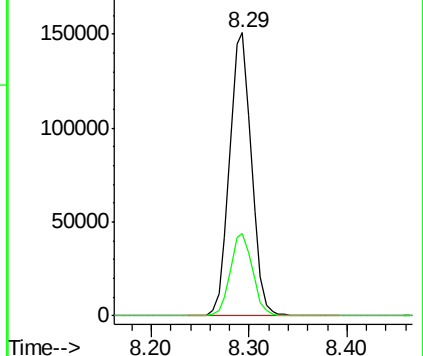
63 100

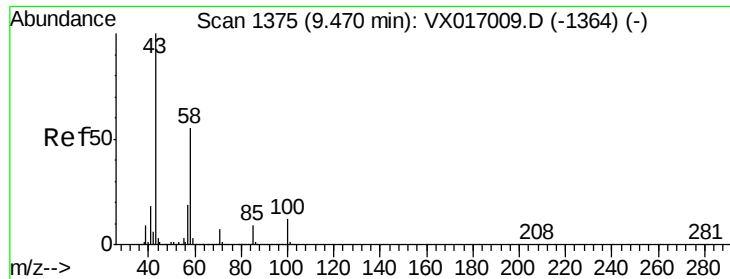
106 29.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

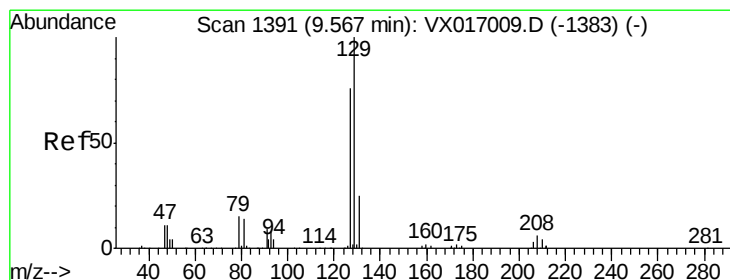
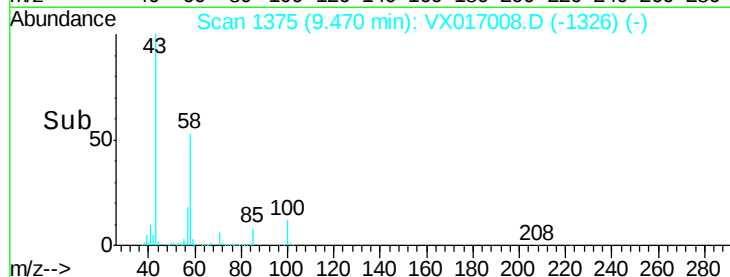
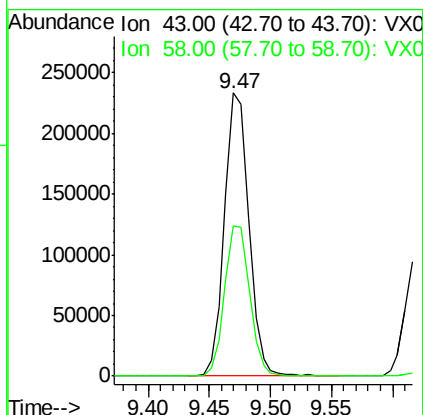
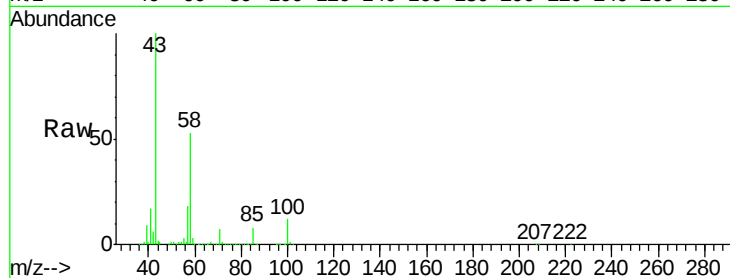




#59
2-Hexanone
Concen: 104.559 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

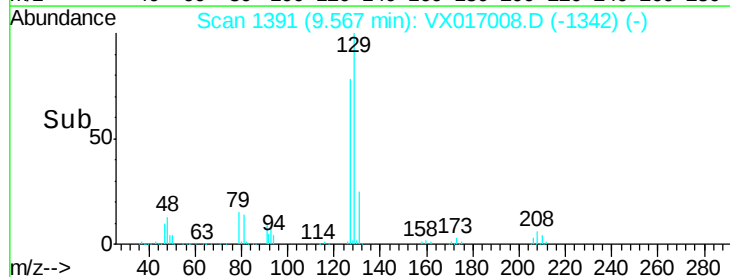
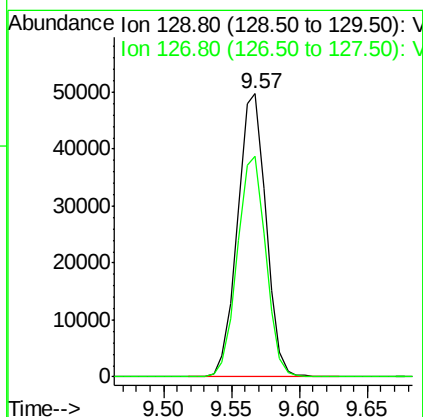
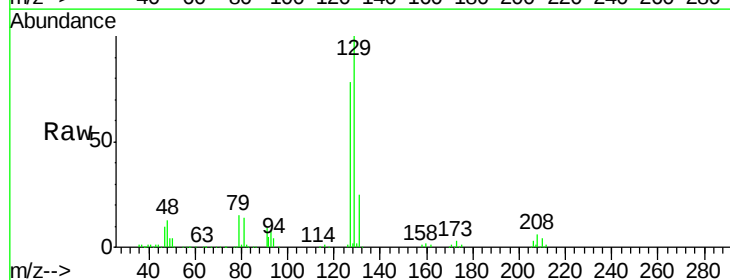
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

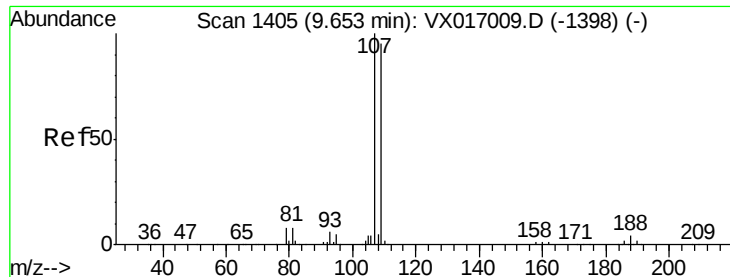
Tgt Ion: 43 Resp: 322906
Ion Ratio Lower Upper
43 100
58 54.6 27.9 83.6



#60
Dibromochloromethane
Concen: 19.844 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Tgt Ion: 129 Resp: 72683
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

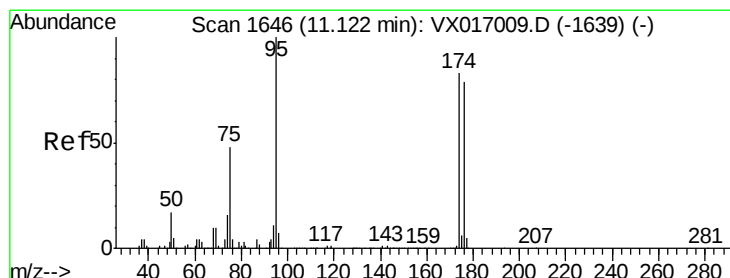
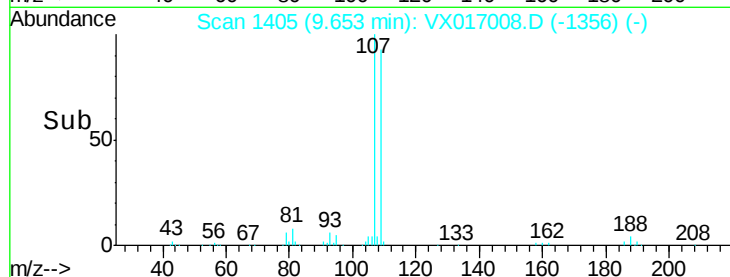
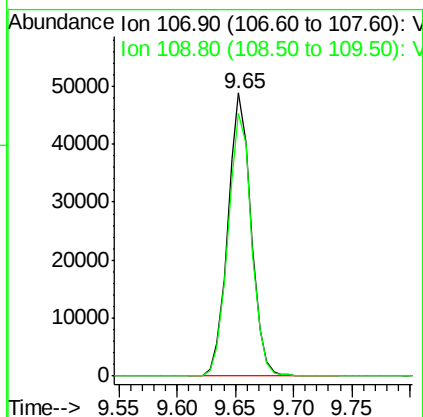
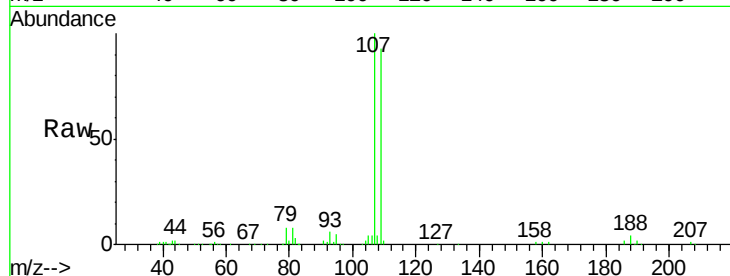




#61
 1,2-Dibromoethane
 Concen: 19.931 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

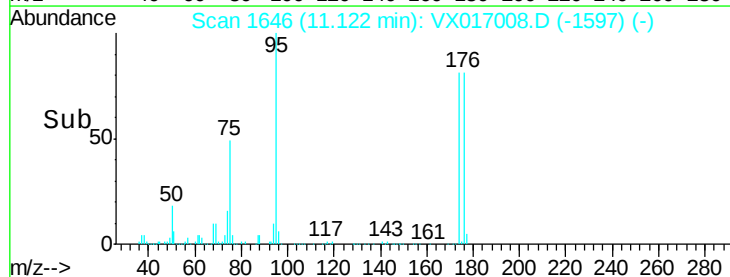
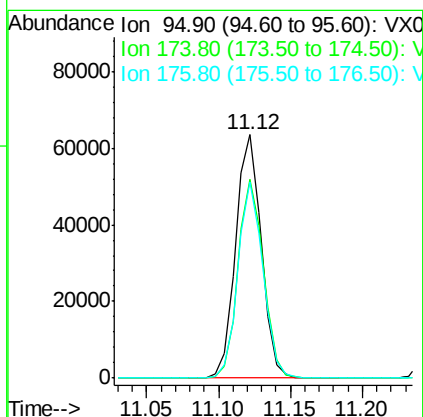
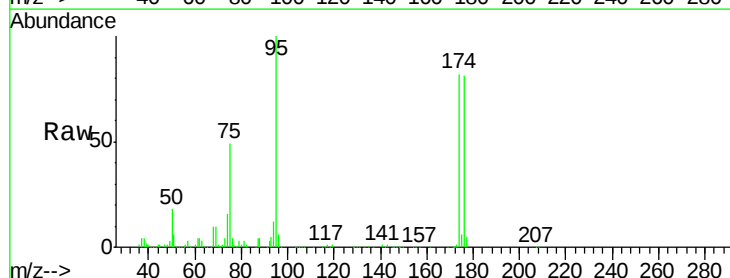
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

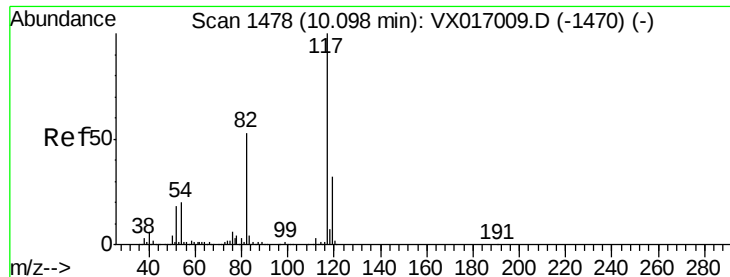
Tgt Ion: 107 Resp: 67558
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 19.351 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Tgt Ion: 95 Resp: 78771
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 164.0
 176 78.7 0.0 157.6

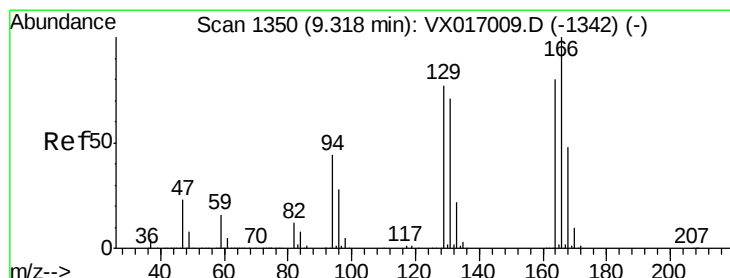
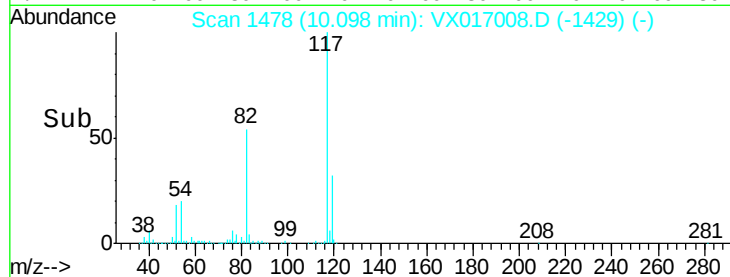
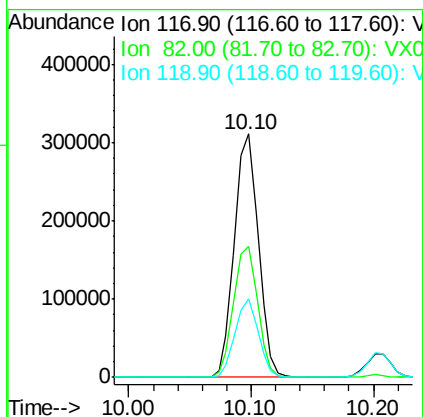
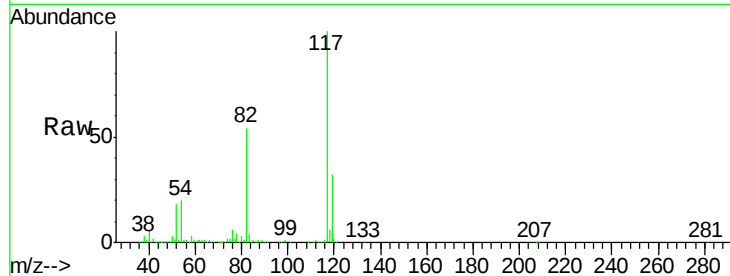




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

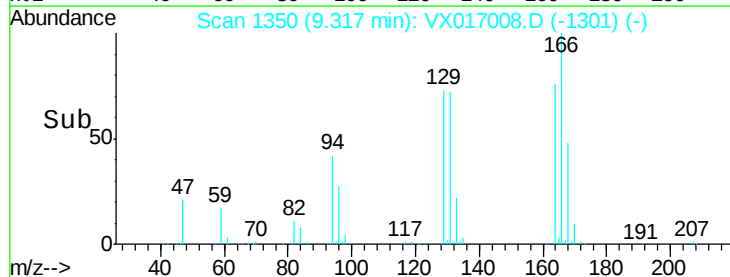
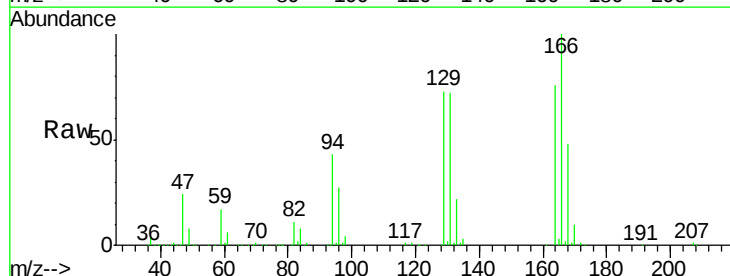
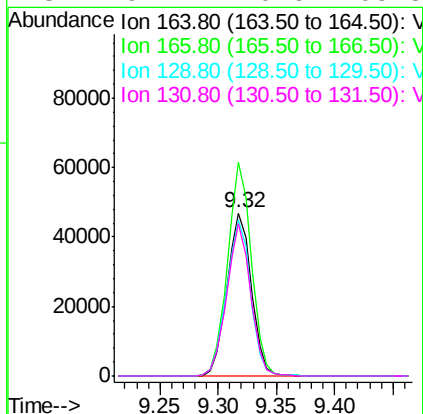
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

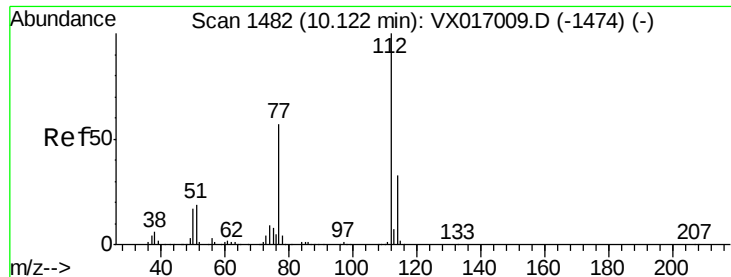
Tgt Ion:117 Resp: 421520
Ion Ratio Lower Upper
117 100
82 53.8 42.6 63.8
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 20.080 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Tgt Ion:164 Resp: 68310
Ion Ratio Lower Upper
164 100
166 131.4 99.4 149.0
129 96.4 76.3 114.5
131 94.1 70.6 105.8

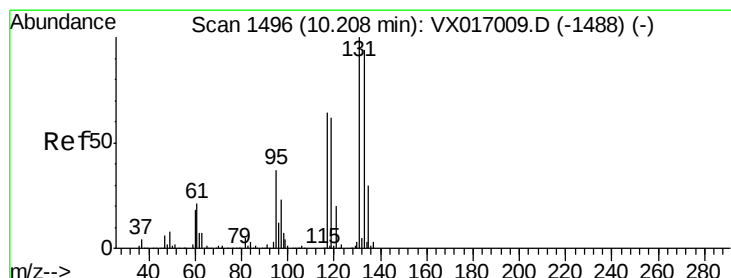
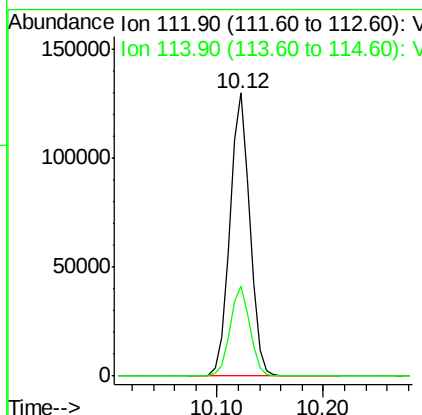
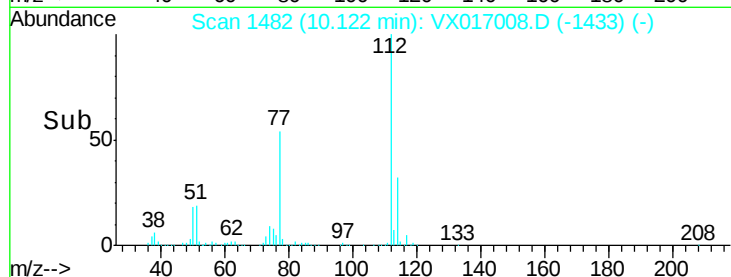
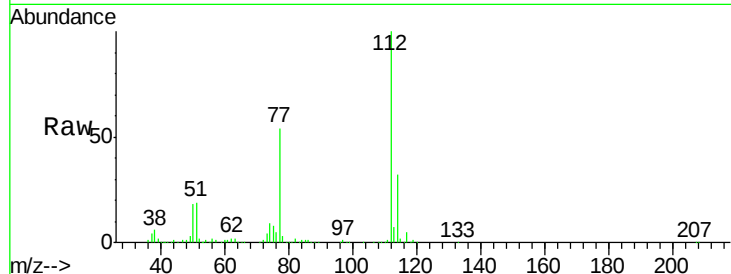




#65
Chlorobenzene
Concen: 19.630 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

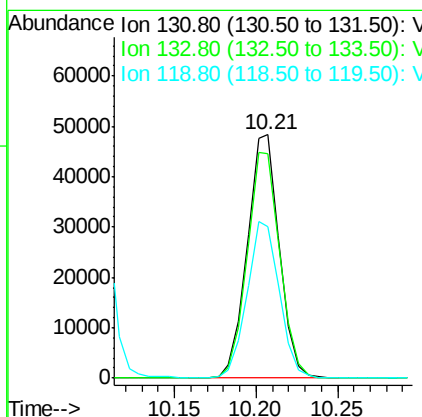
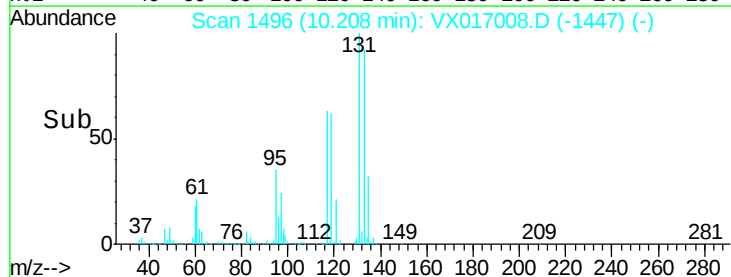
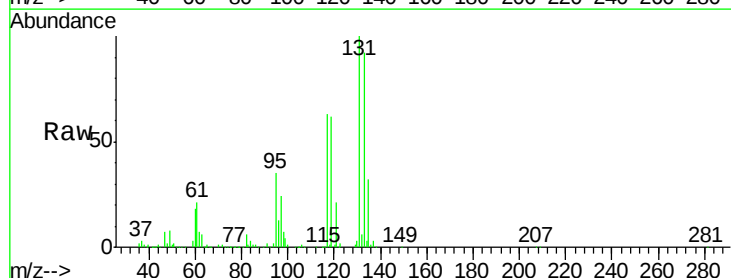
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

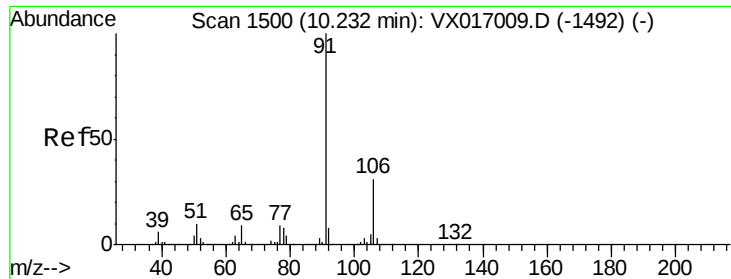
Tgt Ion:112 Resp: 170775
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.691 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Tgt Ion:131 Resp: 66021
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 65.3 31.9 95.5





#67

Ethyl Benzene

Concen: 20.000 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

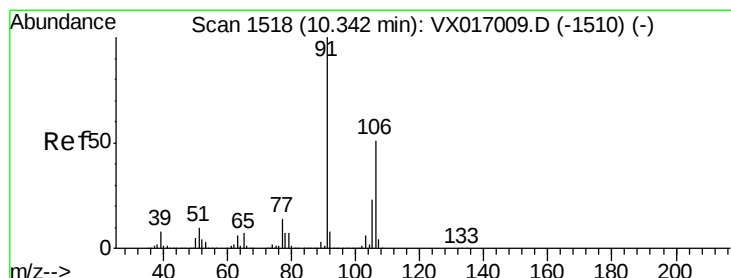
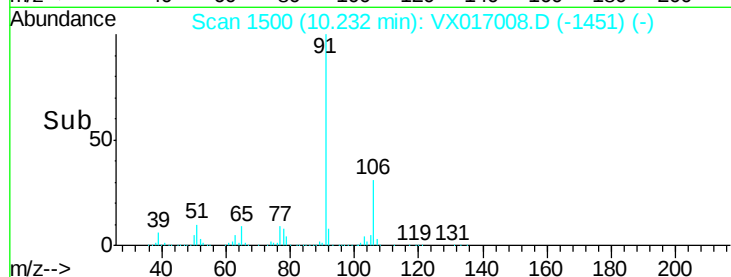
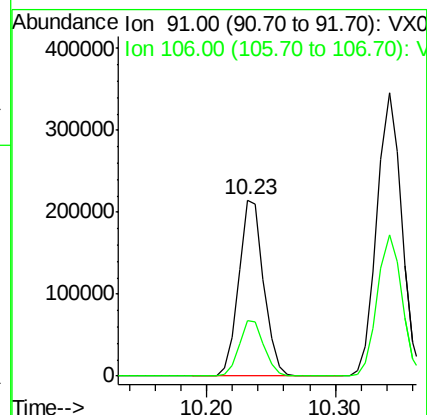
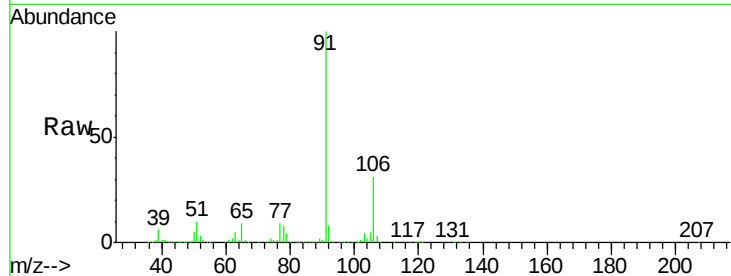
VSTDIC020

Tgt Ion: 91 Resp: 290580

Ion Ratio Lower Upper

91 100

106 31.4 24.7 37.1



#68

m/p-Xylenes

Concen: 40.827 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017008.D

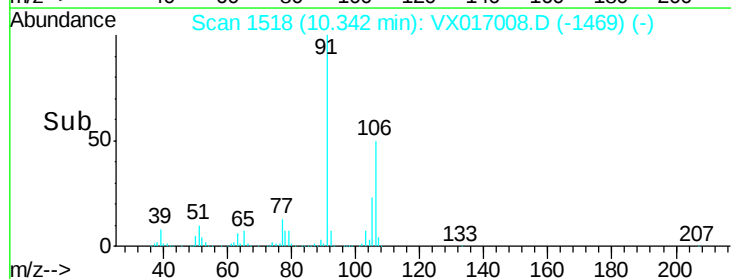
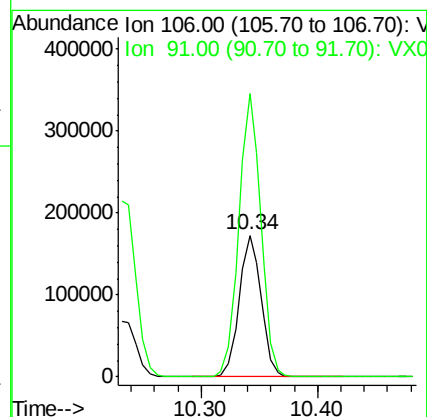
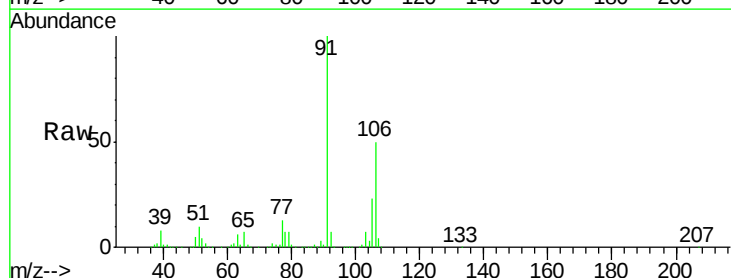
Acq: 29 Jun 2020 14:58

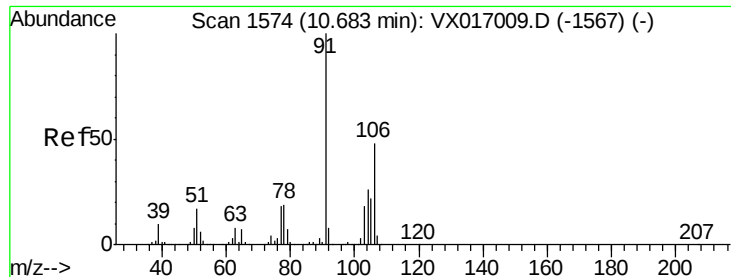
Tgt Ion: 106 Resp: 227758

Ion Ratio Lower Upper

106 100

91 199.4 158.6 238.0

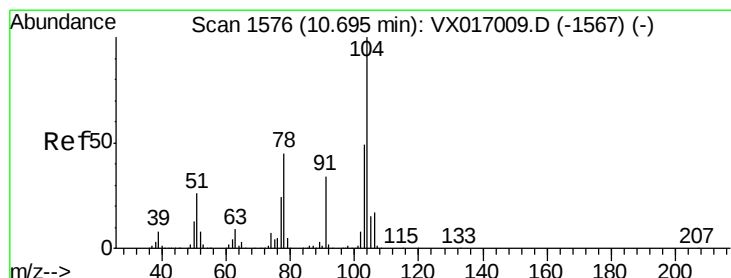
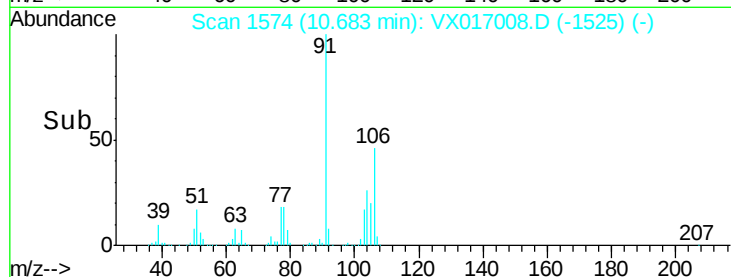
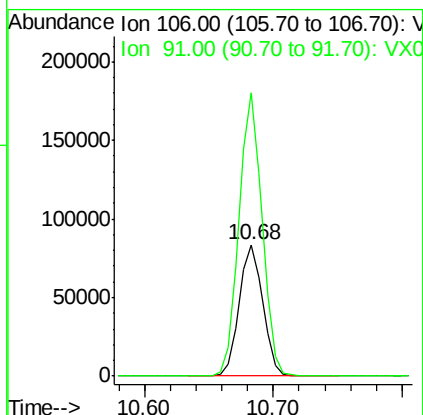
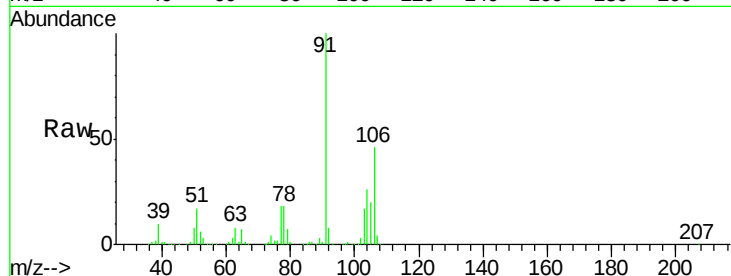




#69
o-Xylene
Concen: 20.099 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

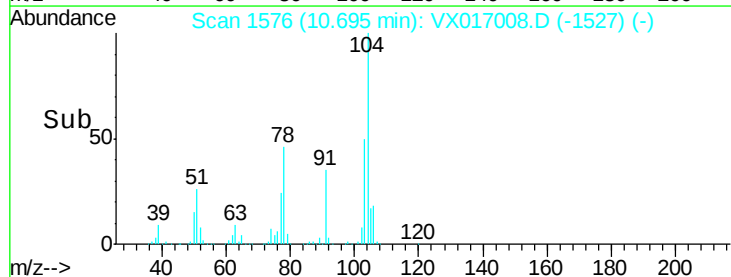
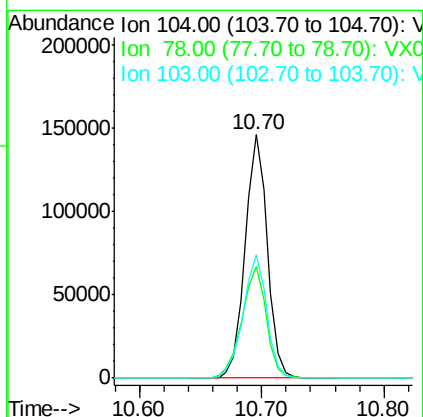
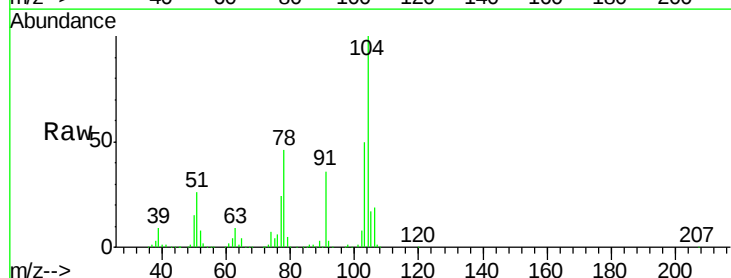
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

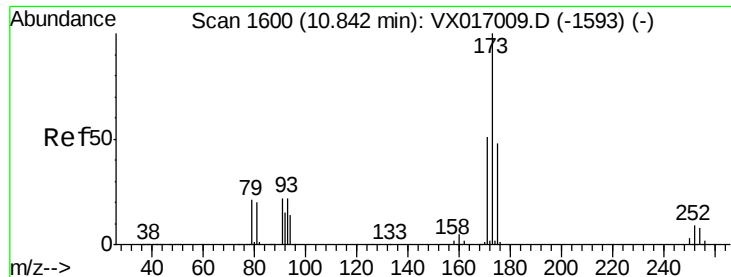
Tgt Ion:106 Resp: 106664
Ion Ratio Lower Upper
106 100
91 210.8 105.6 316.7



#70
Styrene
Concen: 20.335 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Tgt Ion:104 Resp: 183775
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 54.2 43.0 64.6





#71

Bromoform

Concen: 19.701 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

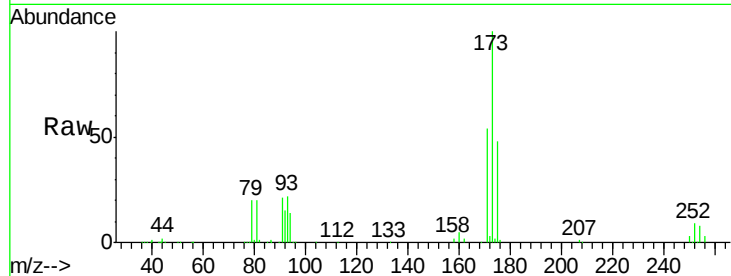
Tgt Ion:173 Resp: 52380

Ion Ratio Lower Upper

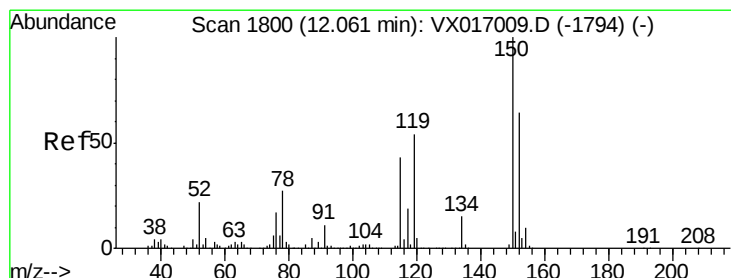
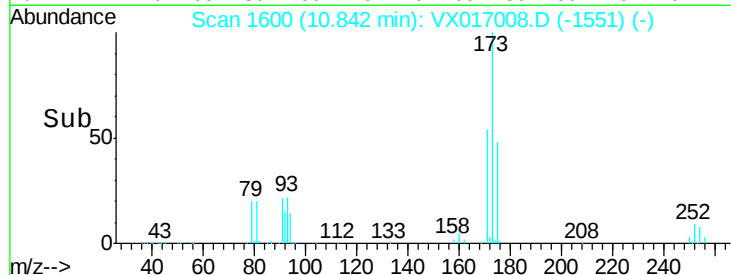
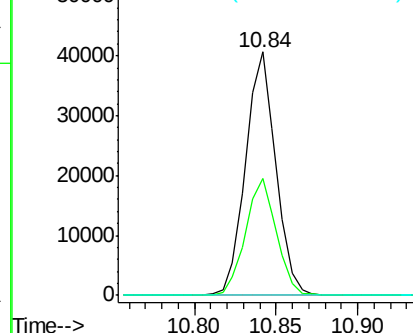
173 100

175 49.2 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

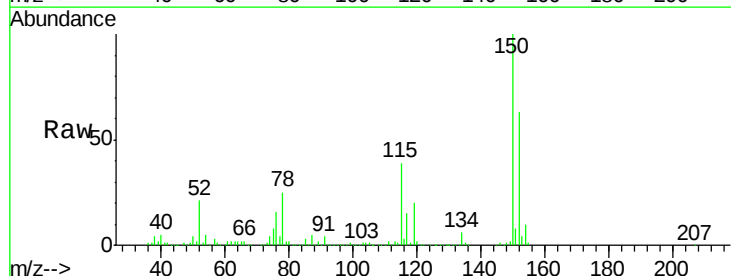
Tgt Ion:152 Resp: 215078

Ion Ratio Lower Upper

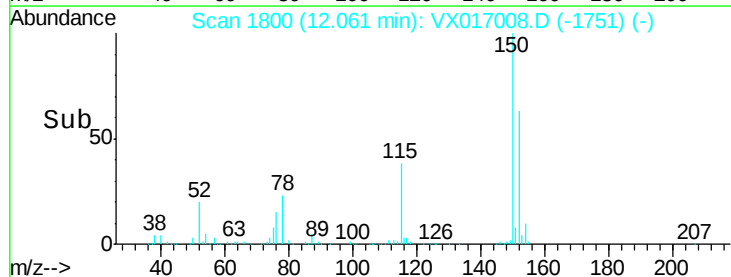
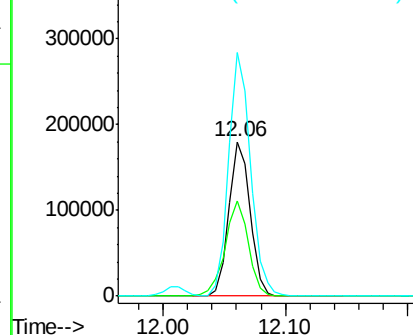
152 100

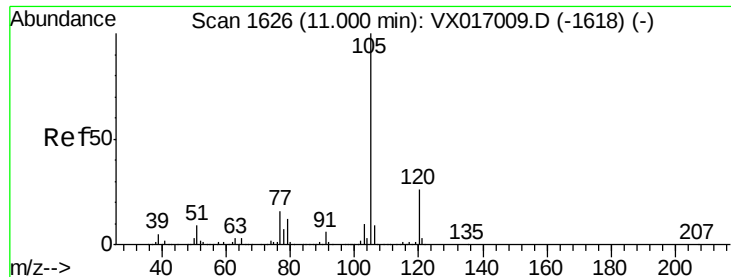
115 67.9 40.9 122.7

150 163.8 0.0 351.6



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





#73

Isopropylbenzene

Concen: 20.503 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

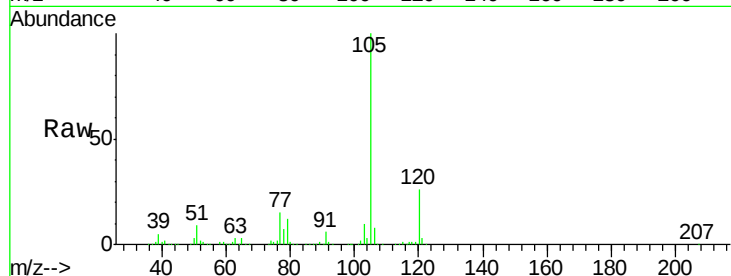
VSTDIC020

Tgt Ion:105 Resp: 288850

Ion Ratio Lower Upper

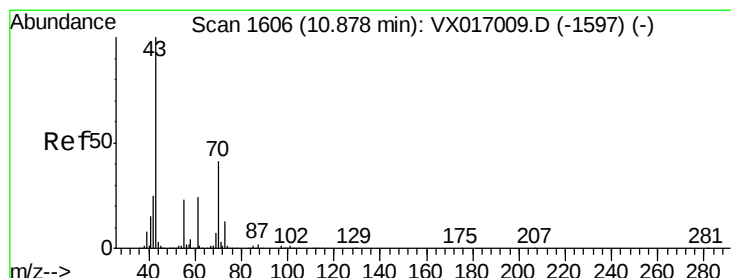
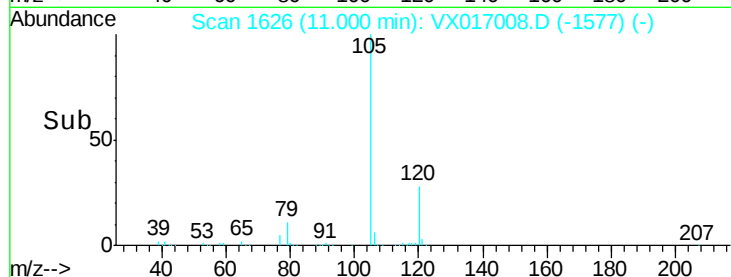
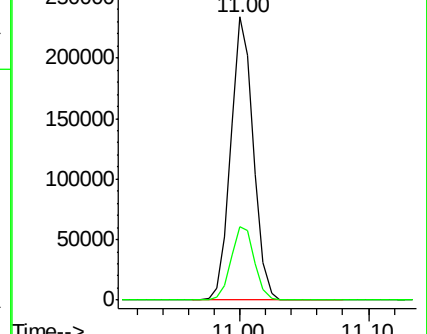
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.120 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Tgt Ion: 43 Resp: 120945

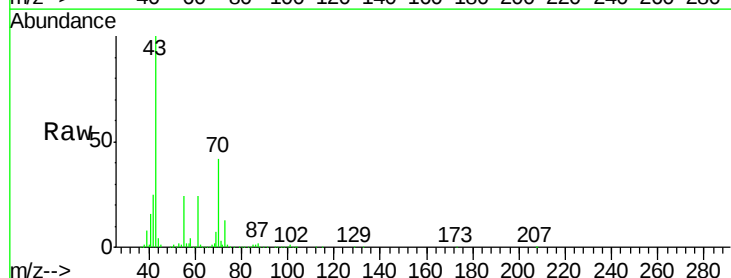
Ion Ratio Lower Upper

43 100

70 43.6 34.2 51.2

55 24.4 19.2 28.8

61 23.8 19.6 29.4

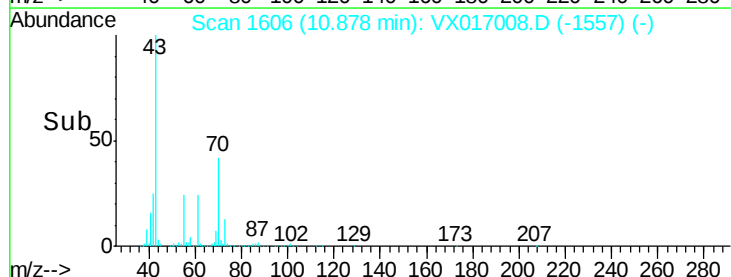
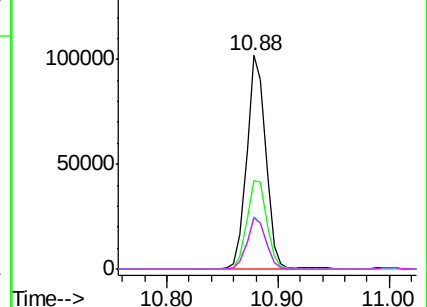


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.988 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

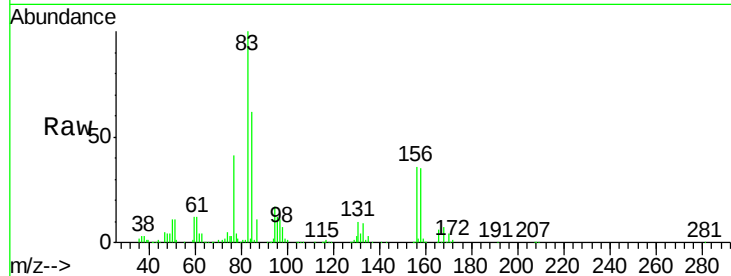
Tgt Ion: 83 Resp: 88574

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

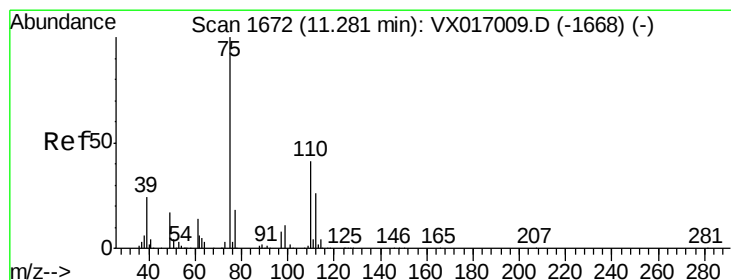
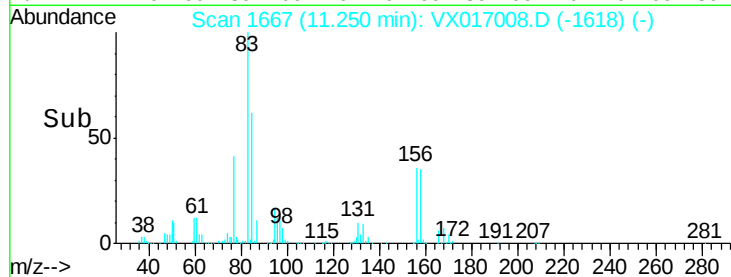
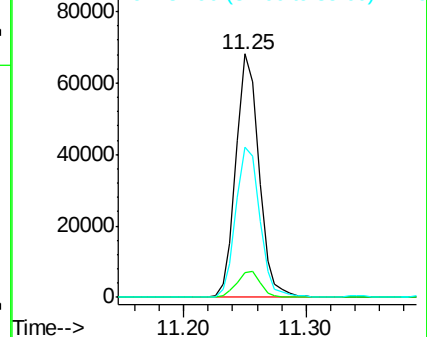
85 64.5 31.9 95.9



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: 21.115 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017008.D

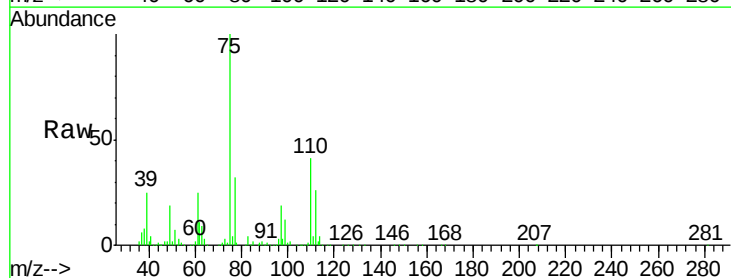
Acq: 29 Jun 2020 14:58

Tgt Ion: 75 Resp: 111839

Ion Ratio Lower Upper

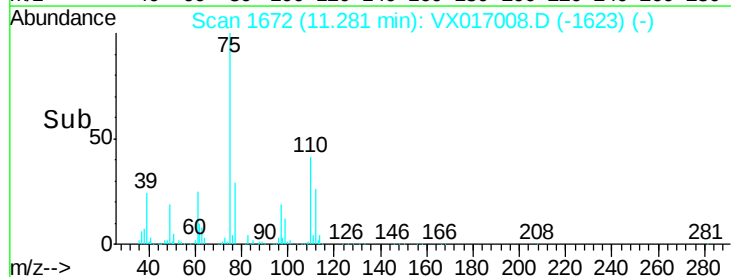
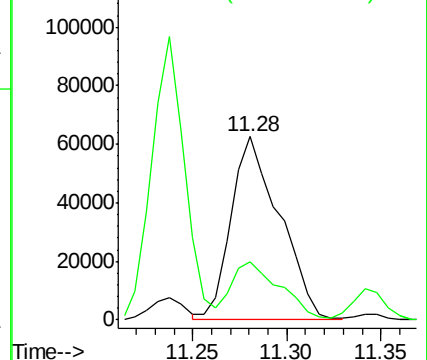
75 100

77 31.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.694 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

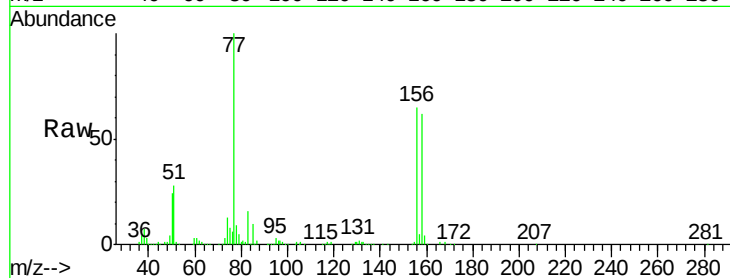
Tgt Ion:156 Resp: 76253

Ion Ratio Lower Upper

156 100

77 155.3 76.9 230.7

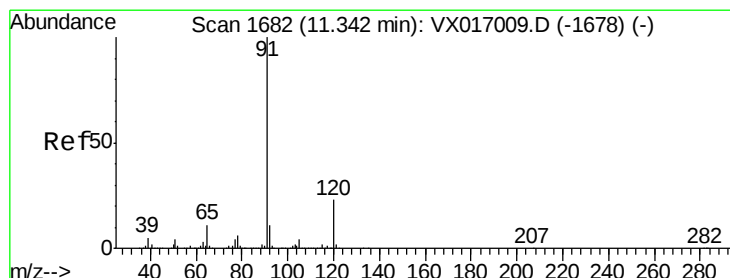
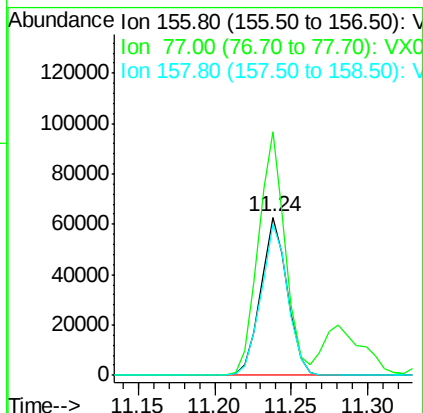
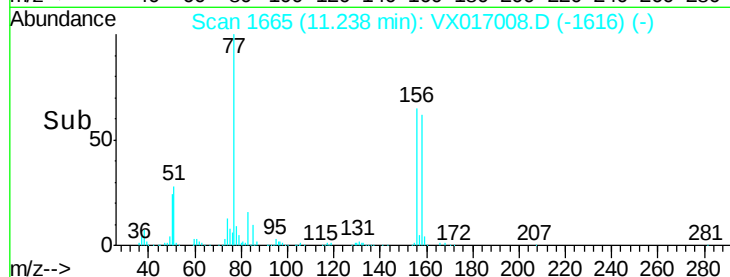
158 96.3 47.9 143.6



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: 20.547 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017008.D

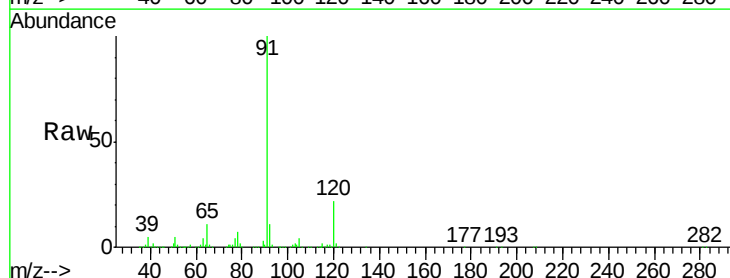
Acq: 29 Jun 2020 14:58

Tgt Ion: 91 Resp: 327332

Ion Ratio Lower Upper

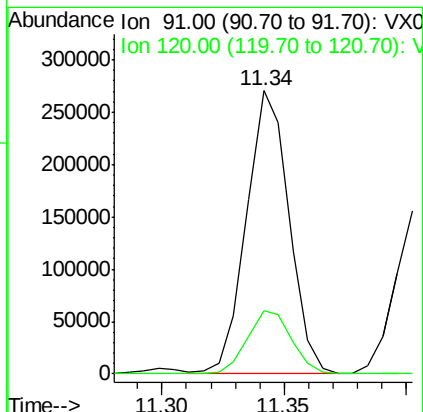
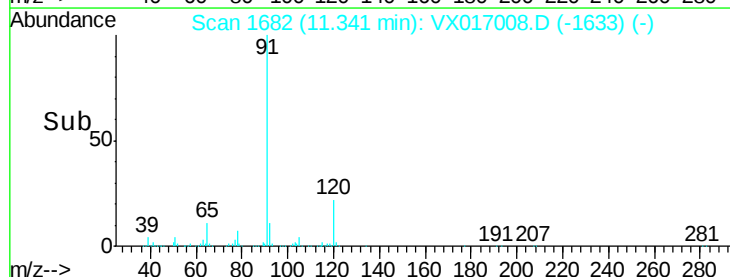
91 100

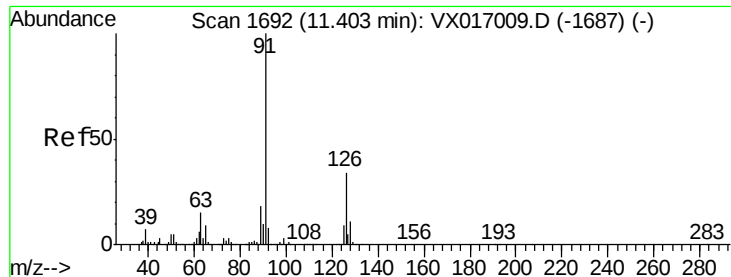
120 23.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.341 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

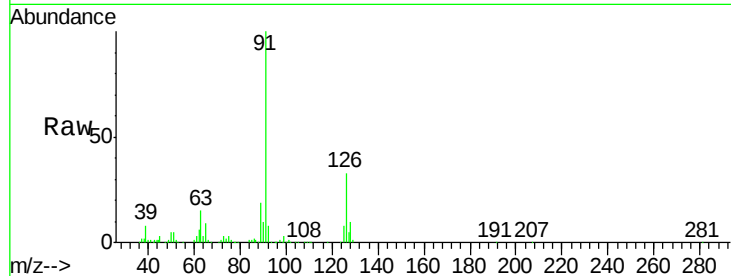
VSTDIC020

Tgt Ion: 91 Resp: 196125

Ion Ratio Lower Upper

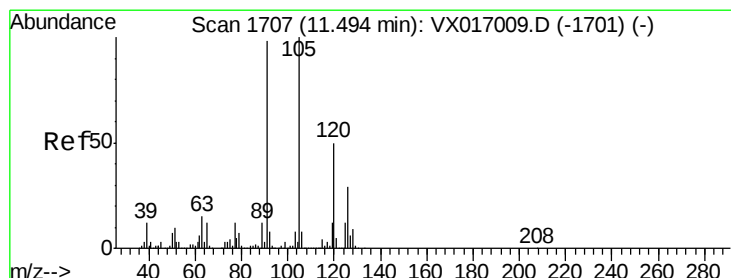
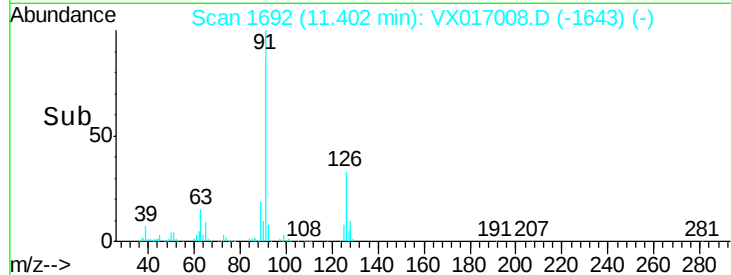
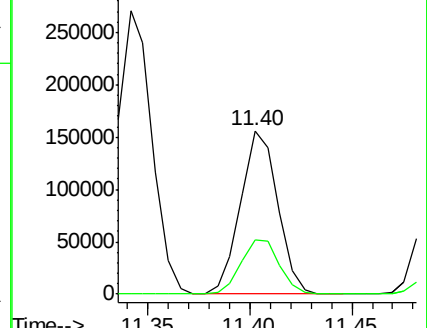
91 100

126 34.8 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017009.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.586 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017008.D

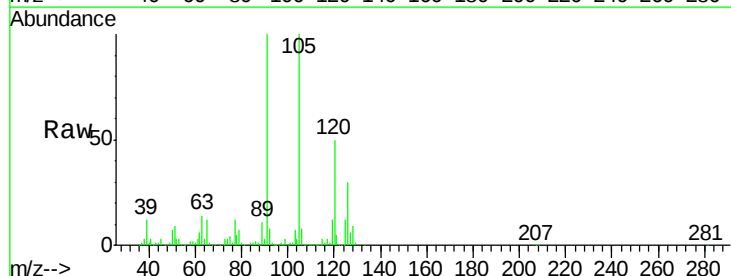
Acq: 29 Jun 2020 14:58

Tgt Ion: 105 Resp: 240563

Ion Ratio Lower Upper

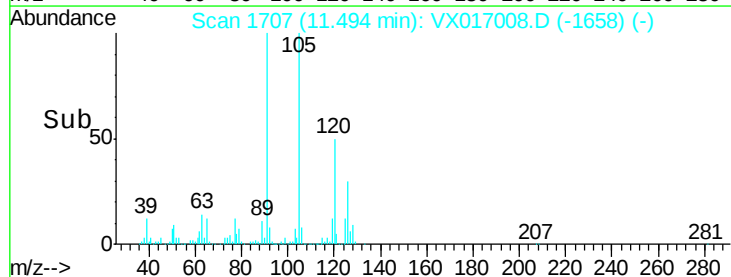
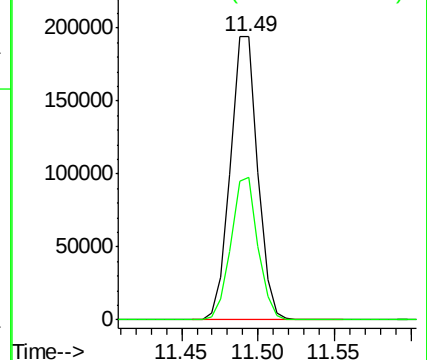
105 100

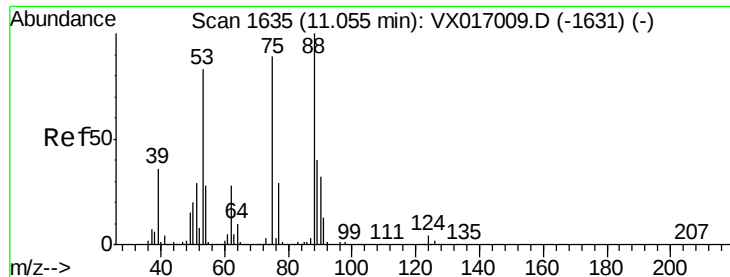
120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1701) (-)

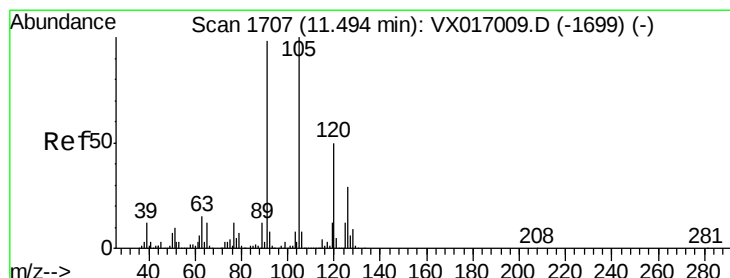
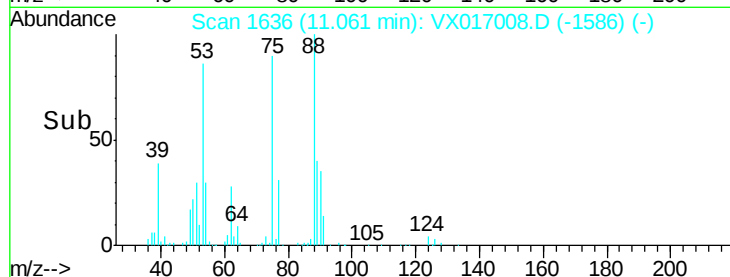
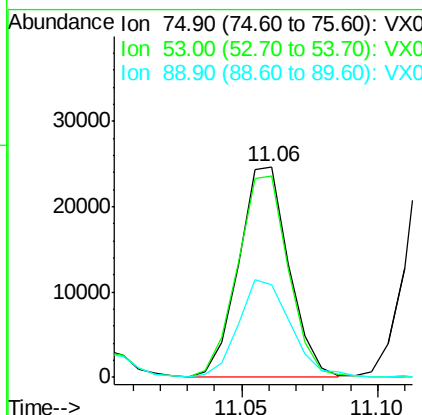
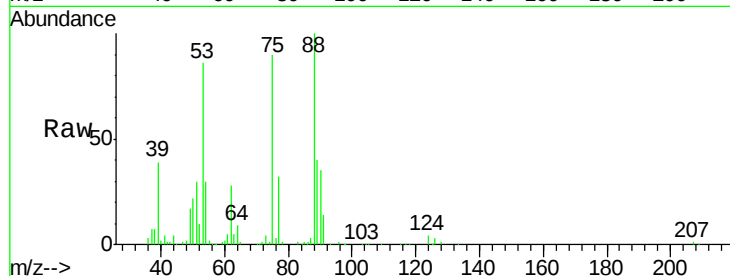




#81
trans-1,4-Dichloro-2-butene
Concen: 19.170 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

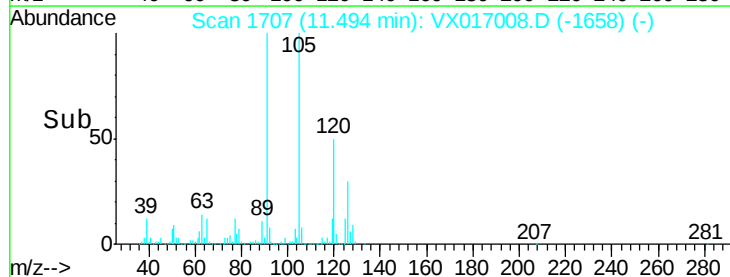
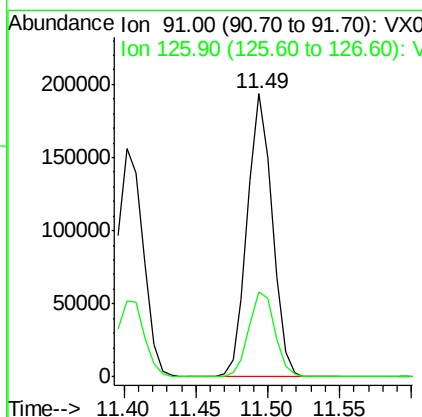
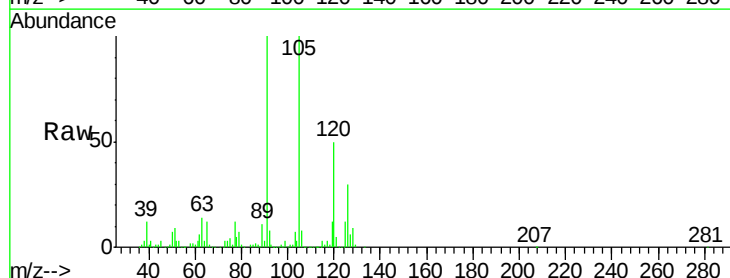
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 31309
Ion Ratio Lower Upper
75 100
53 97.2 72.4 108.6
89 48.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.143 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Tgt Ion: 91 Resp: 232172
Ion Ratio Lower Upper
91 100
126 31.2 15.2 45.5

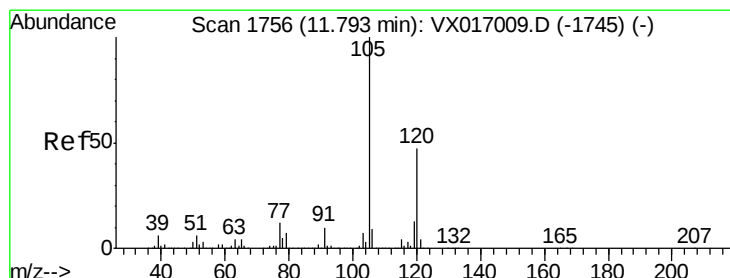
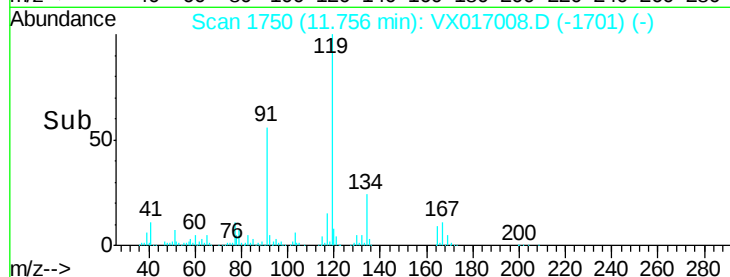
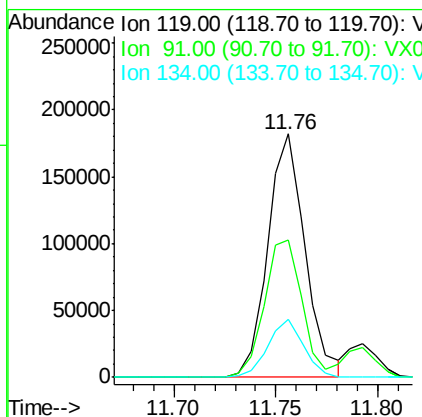
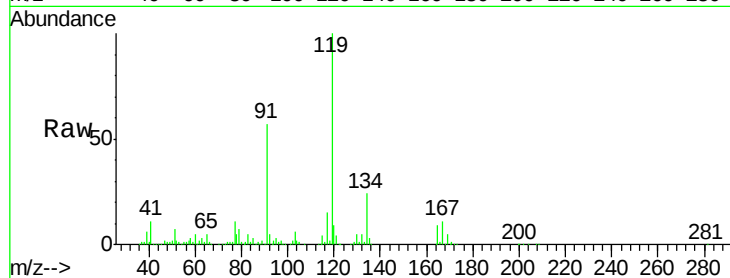




#83
tert-Butylbenzene
Concen: 20.205 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

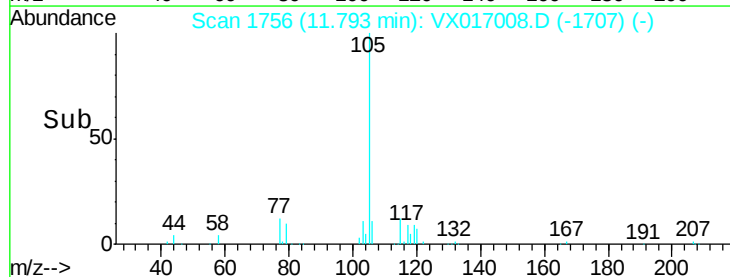
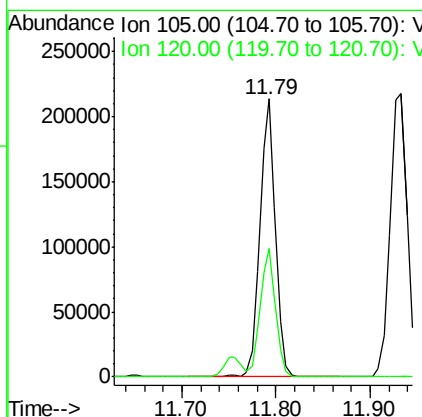
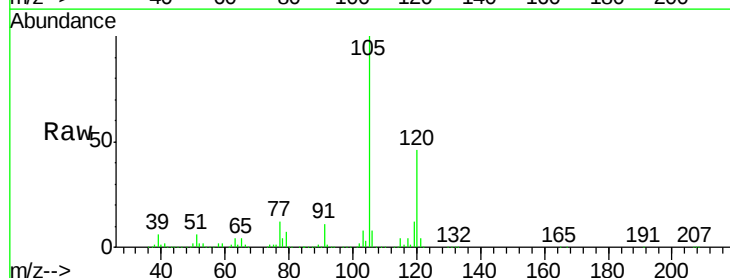
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

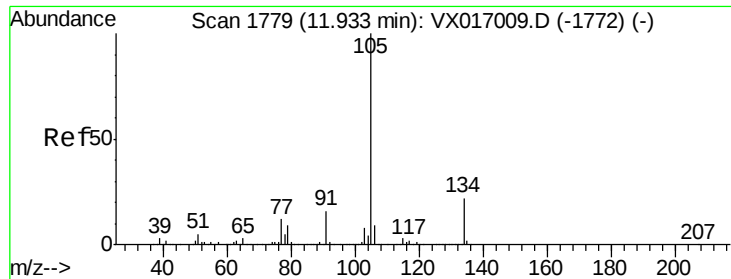
Tgt Ion:119 Resp: 231777
Ion Ratio Lower Upper
119 100
91 56.6 28.3 84.9
134 22.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.046 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017008.D
Acq: 29 Jun 2020 14:58

Tgt Ion:105 Resp: 249505
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.5

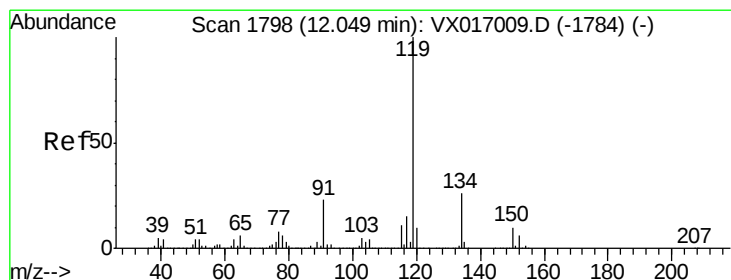
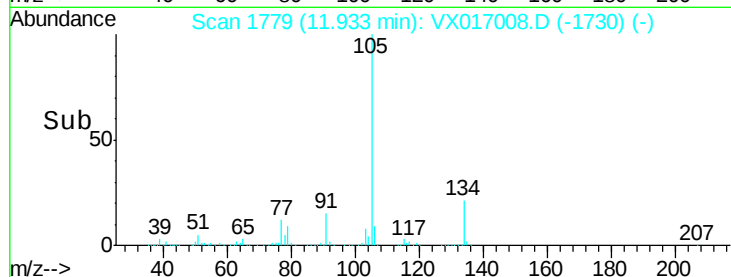
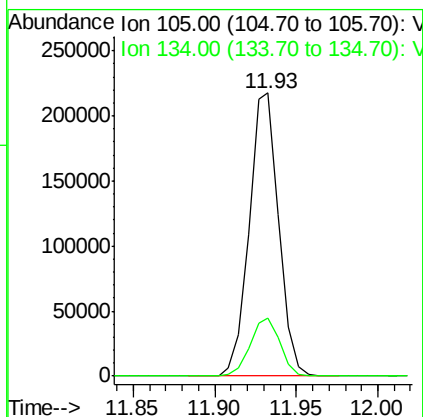
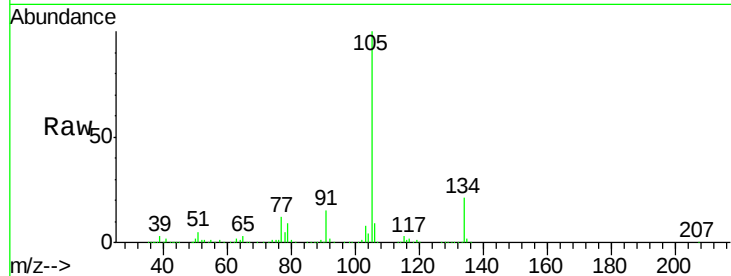




#85
 sec-Butylbenzene
 Concen: 20.331 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

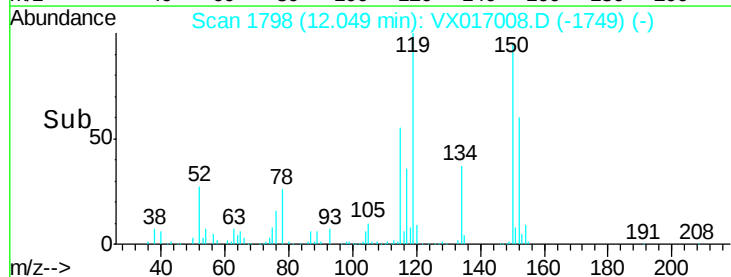
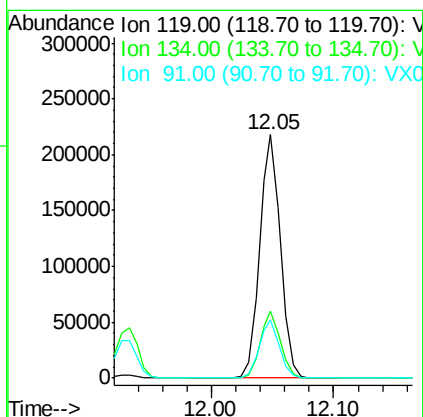
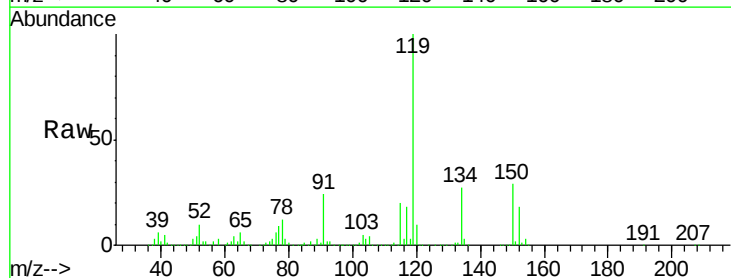
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

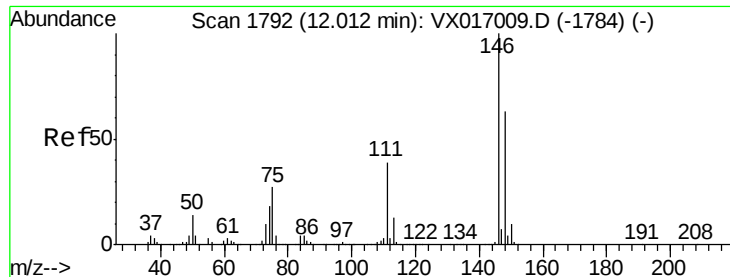
Tgt Ion:105 Resp: 274135
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.591 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Tgt Ion:119 Resp: 258471
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 23.5 11.8 35.4

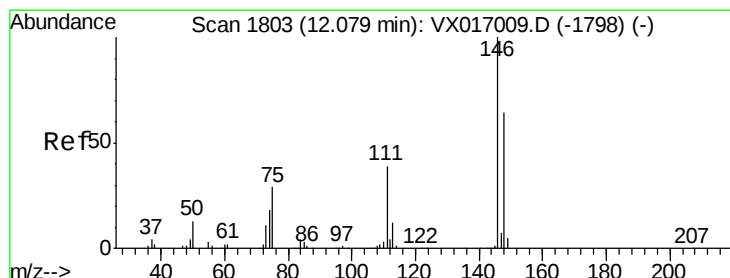
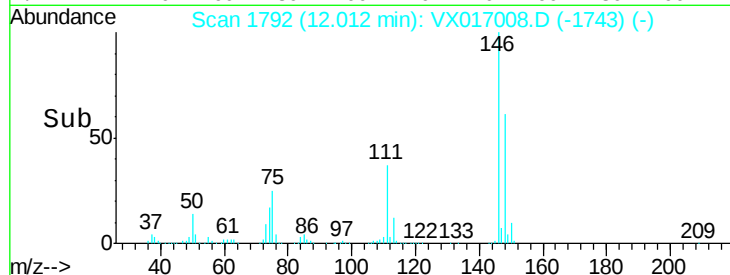
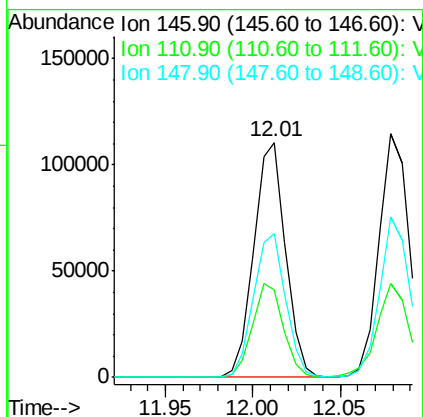
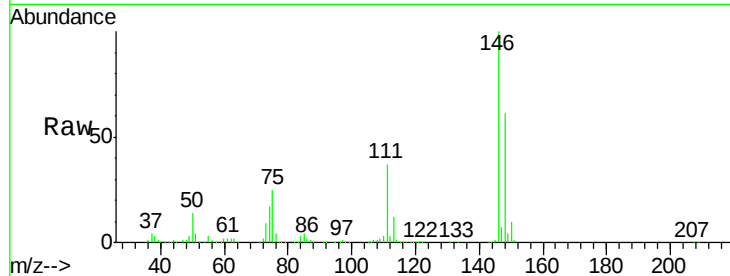




#87
 1,3-Dichlorobenzene
 Concen: 19.844 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

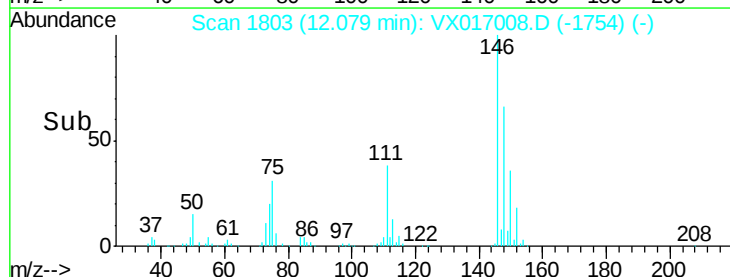
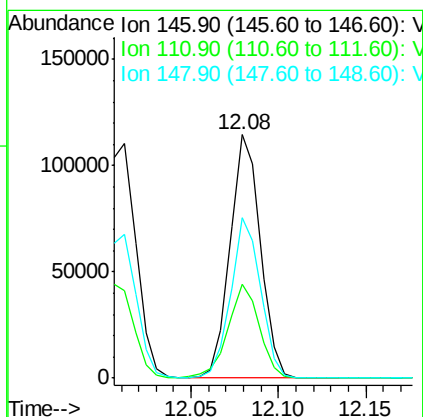
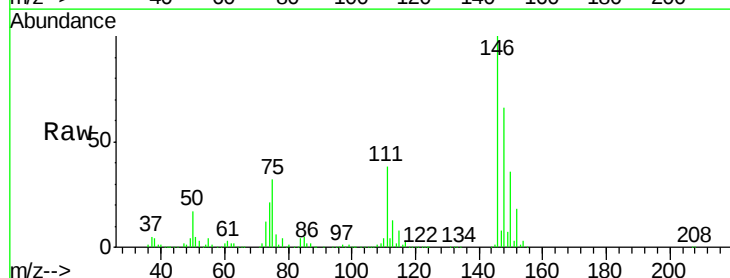
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

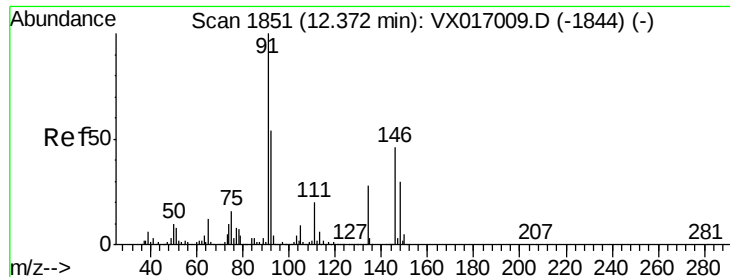
Tgt Ion:146 Resp: 139542
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.4 61.2
 148 61.9 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.533 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Tgt Ion:146 Resp: 138142
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.5 58.5
 148 65.2 31.9 95.7





#89

n-Butylbenzene

Concen: 19.849 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

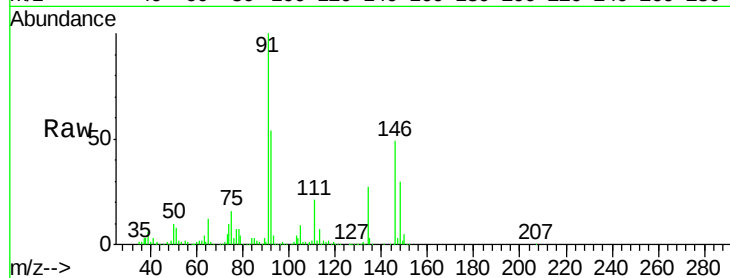
Tgt Ion: 91 Resp: 222468

Ion Ratio Lower Upper

91 100

92 52.6 27.2 81.6

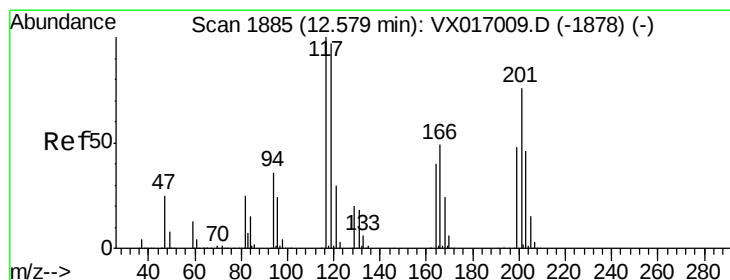
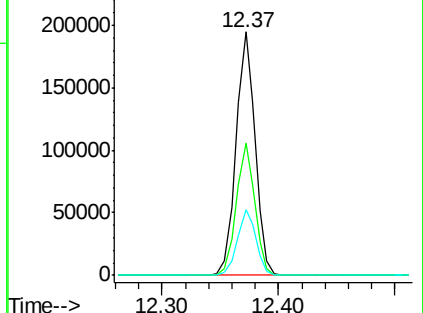
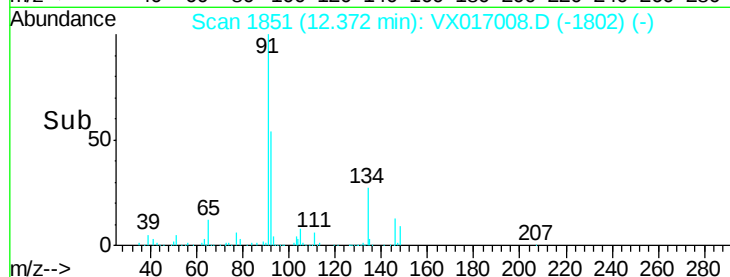
134 26.4 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.468 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017008.D

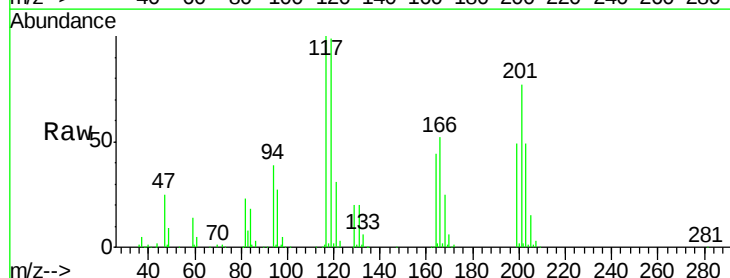
Acq: 29 Jun 2020 14:58

Tgt Ion: 117 Resp: 48192

Ion Ratio Lower Upper

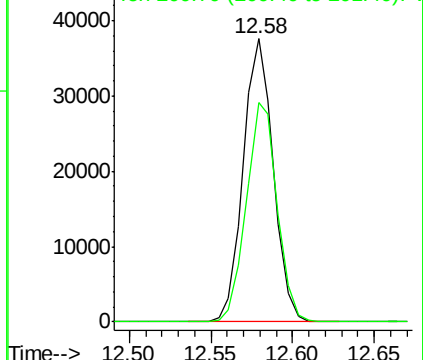
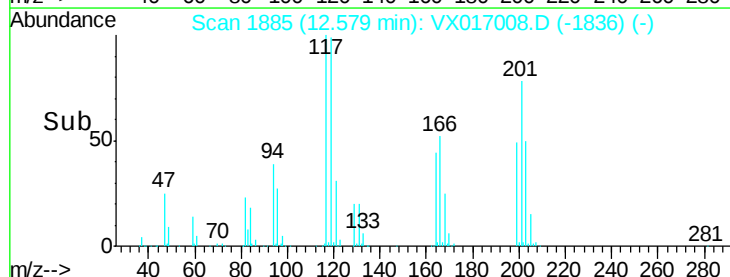
117 100

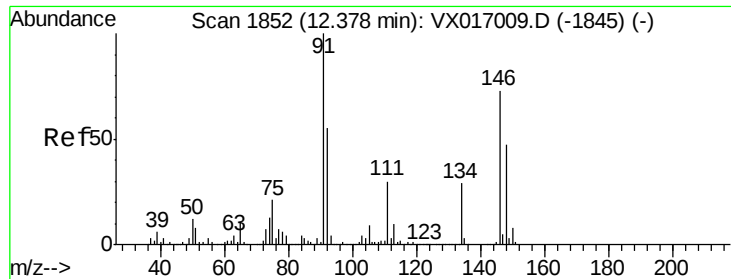
201 79.5 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

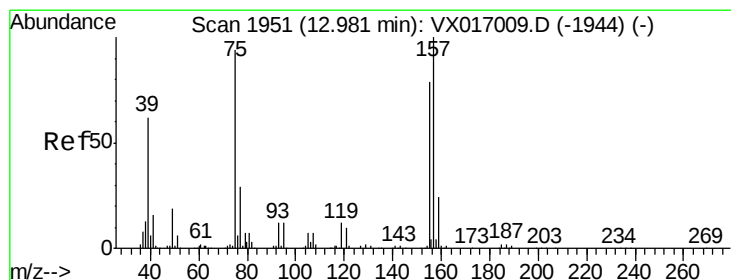
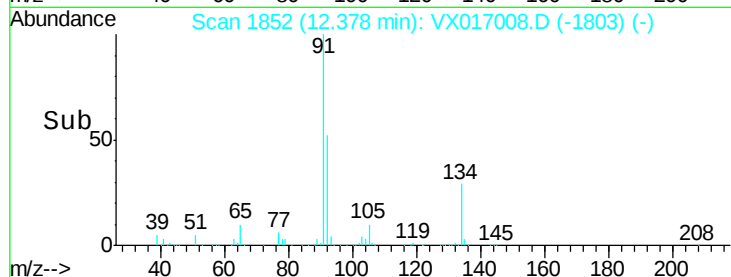
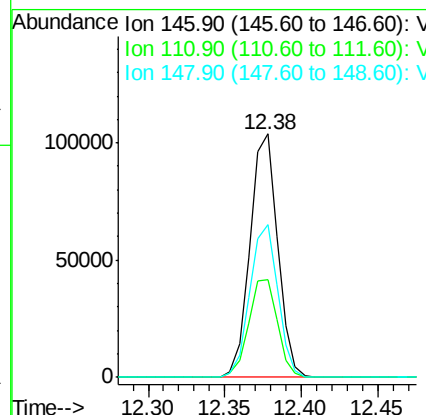
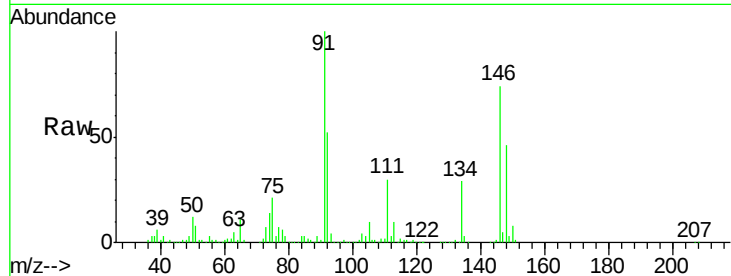




#91
 1,2-Dichlorobenzene
 Concen: 19.828 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

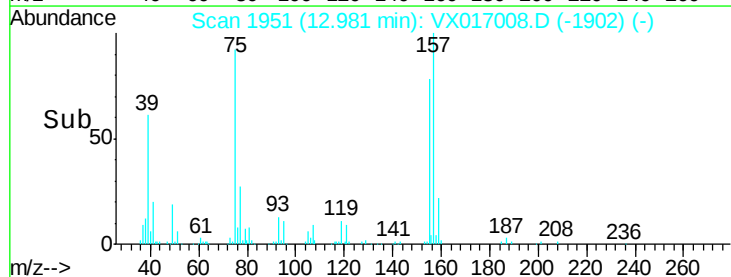
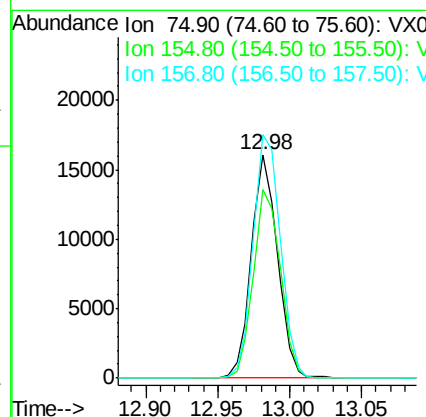
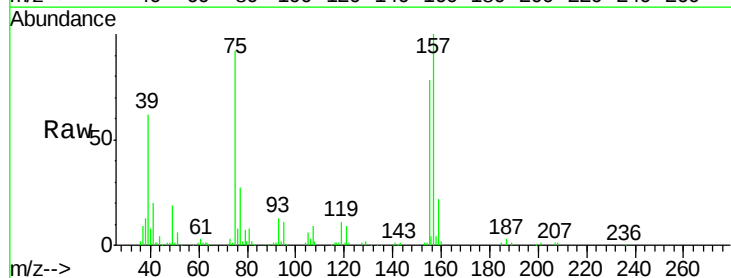
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

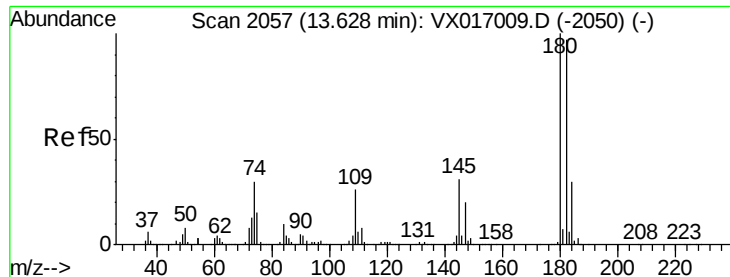
Tgt Ion:146 Resp: 130331
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.9
 148 63.6 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.082 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Tgt Ion: 75 Resp: 20172
 Ion Ratio Lower Upper
 75 100
 155 87.2 45.1 135.2
 157 113.7 56.5 169.3

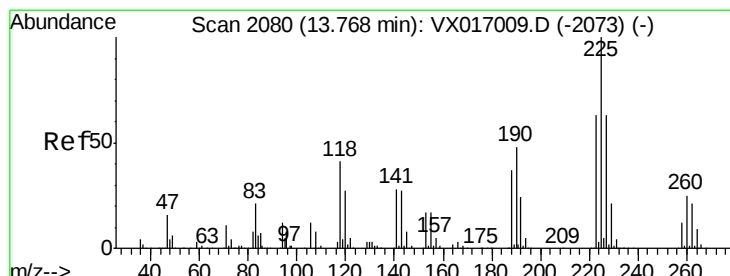
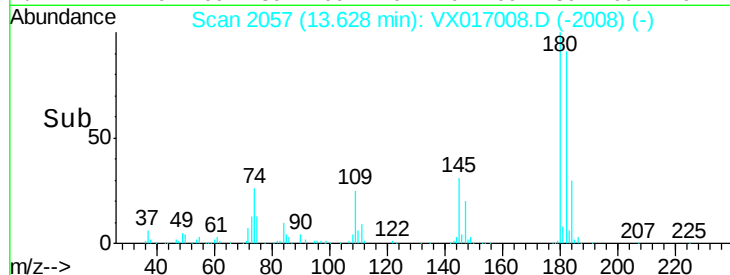
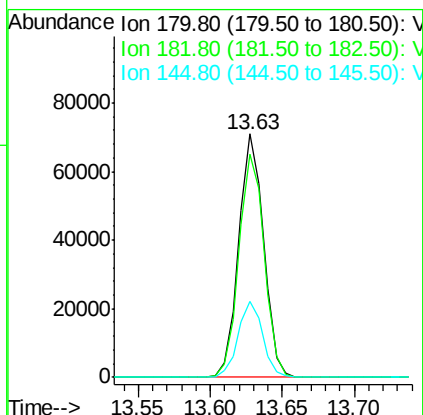
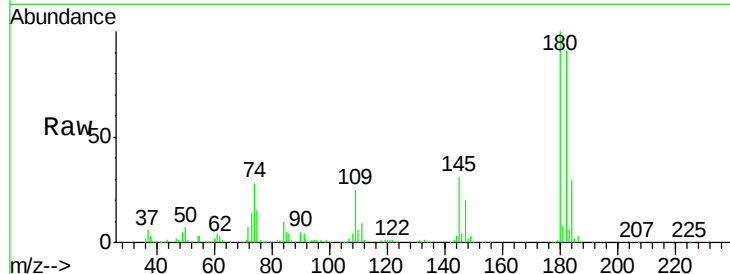




#93
 1,2,4-Trichlorobenzene
 Concen: 19.042 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

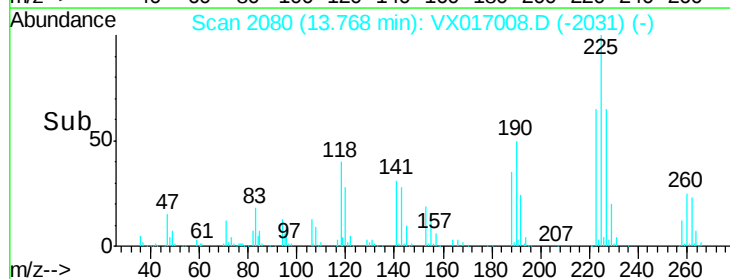
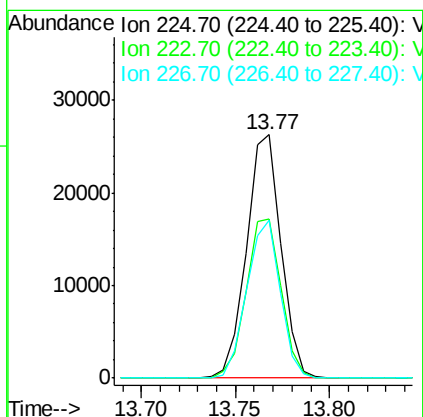
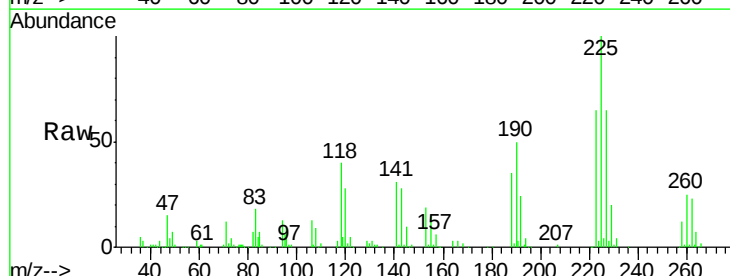
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

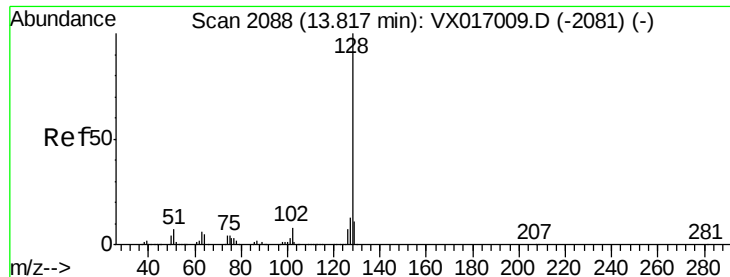
Tgt Ion:180 Resp: 85431
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.3 141.9
 145 30.7 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 18.367 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017008.D
 Acq: 29 Jun 2020 14:58

Tgt Ion:225 Resp: 33329
 Ion Ratio Lower Upper
 225 100
 223 66.5 32.5 97.5
 227 62.7 33.1 99.2





#95

Naphthalene

Concen: 20.097 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

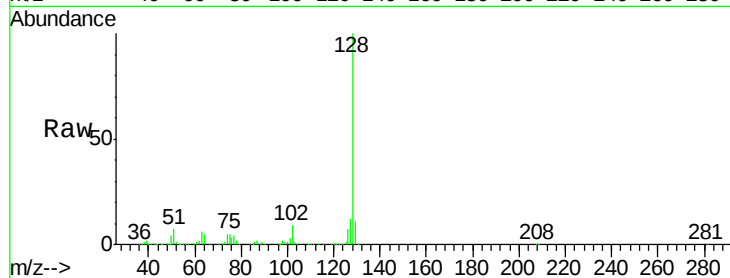
Tgt Ion:128 Resp: 274117

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

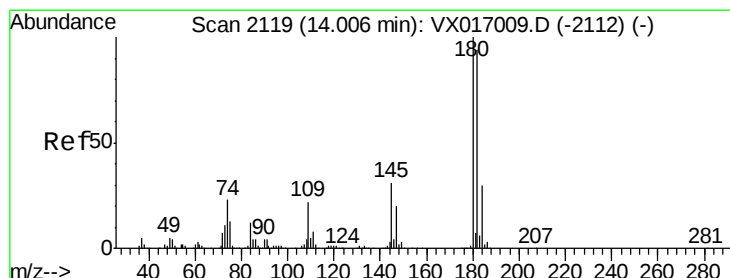
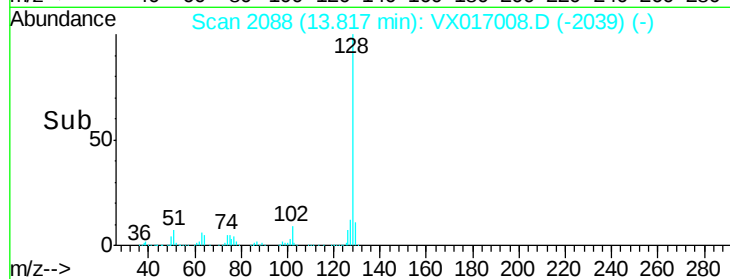
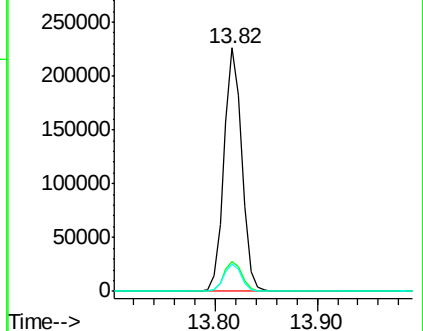
129 11.2 8.7 13.1



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: 19.099 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX017008.D

Acq: 29 Jun 2020 14:58

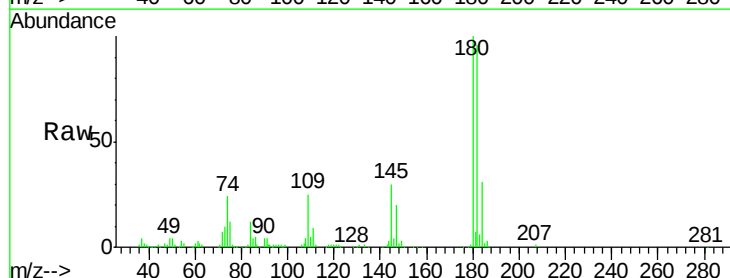
Tgt Ion:180 Resp: 82924

Ion Ratio Lower Upper

180 100

182 96.5 47.1 141.4

145 33.5 16.6 49.7



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

