

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018612.D
 Acq On : 28 Sep 2020 11:27
 Operator : JC/SP
 Sample : VSTD00164
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00164

Quant Time: Sep 29 00:16:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 00:09:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	247416	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	235277	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	115862	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	12627	0.98	ug/L	0.00
7) Chloroethane-d5	1.70	69	10797	0.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	26820	0.94	ug/L	0.00
20) 2-Butanone-d5	4.55	46	30025	9.09	ug/L	0.00
24) Chloroform-d	5.14	84	29209	0.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	18409	1.03	ug/L	0.00
32) Benzene-d6	6.04	84	51363	0.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	16141	0.98	ug/L	0.00
41) Toluene-d8	8.70	98	49793	0.92	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	6749	0.92	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	22268	8.45	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	11121	0.90	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	17190	0.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	13600	0.908 ug/L	92
3) Chloromethane	1.31	50	12389	0.969 ug/L	99
5) Vinyl chloride	1.39	62	12651	0.944 ug/L	96
6) Bromomethane	1.64	94	7679	0.959 ug/L	95
8) Chloroethane	1.72	64	7706	1.025 ug/L	95
9) Trichlorofluoromethane	1.92	101	22282	0.960 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	11499	0.903 ug/L	97
12) 1,1-Dichloroethene	2.36	96	11683	0.967 ug/L	86
13) Acetone	2.45	43	18624	10.192 ug/L	96
14) Carbon disulfide	2.55	76	34647	0.943 ug/L	96
15) Methyl Acetate	2.75	43	5709	1.129 ug/L	96
16) Methylene chloride	2.83	84	24557	1.488 ug/L	91
17) Methyl tert-butyl Ether	3.17	73	23356	0.869 ug/L #	90
18) trans-1,2-Dichloroethene	3.14	96	11235	0.931 ug/L	97
19) 1,1-Dichloroethane	3.67	63	20333	0.939 ug/L #	92
21) 2-Butanone	4.65	43	27580	9.509 ug/L #	57
22) cis-1,2-Dichloroethene	4.56	96	11669	0.926 ug/L #	100
23) Bromochloromethane	4.98	128	6037	0.999 ug/L	76
25) Chloroform	5.17	83	22365	0.945 ug/L	85
27) 1,2-Dichloroethane	6.17	62	13481	0.901 ug/L #	95
29) 1,1,1-Trichloroethane	5.46	97	21084	0.941 ug/L	93
30) Cyclohexane	5.54	56	15476	0.868 ug/L	97
31) Carbon tetrachloride	5.74	117	19642	0.951 ug/L	98
33) Benzene	6.10	78	41924	0.924 ug/L	100
34) Trichloroethene	7.18	95	12164	0.927 ug/L	90
35) Methylcyclohexane	7.43	83	15555	0.852 ug/L	95
37) 1,2-Dichloropropane	7.48	63	11543	0.954 ug/L #	93
38) Bromodichloromethane	7.87	83	15387	0.942 ug/L	92
39) cis-1,3-Dichloropropene	8.42	75	14858	0.866 ug/L	93
40) 4-Methyl-2-pentanone	8.62	43	57334	8.546 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

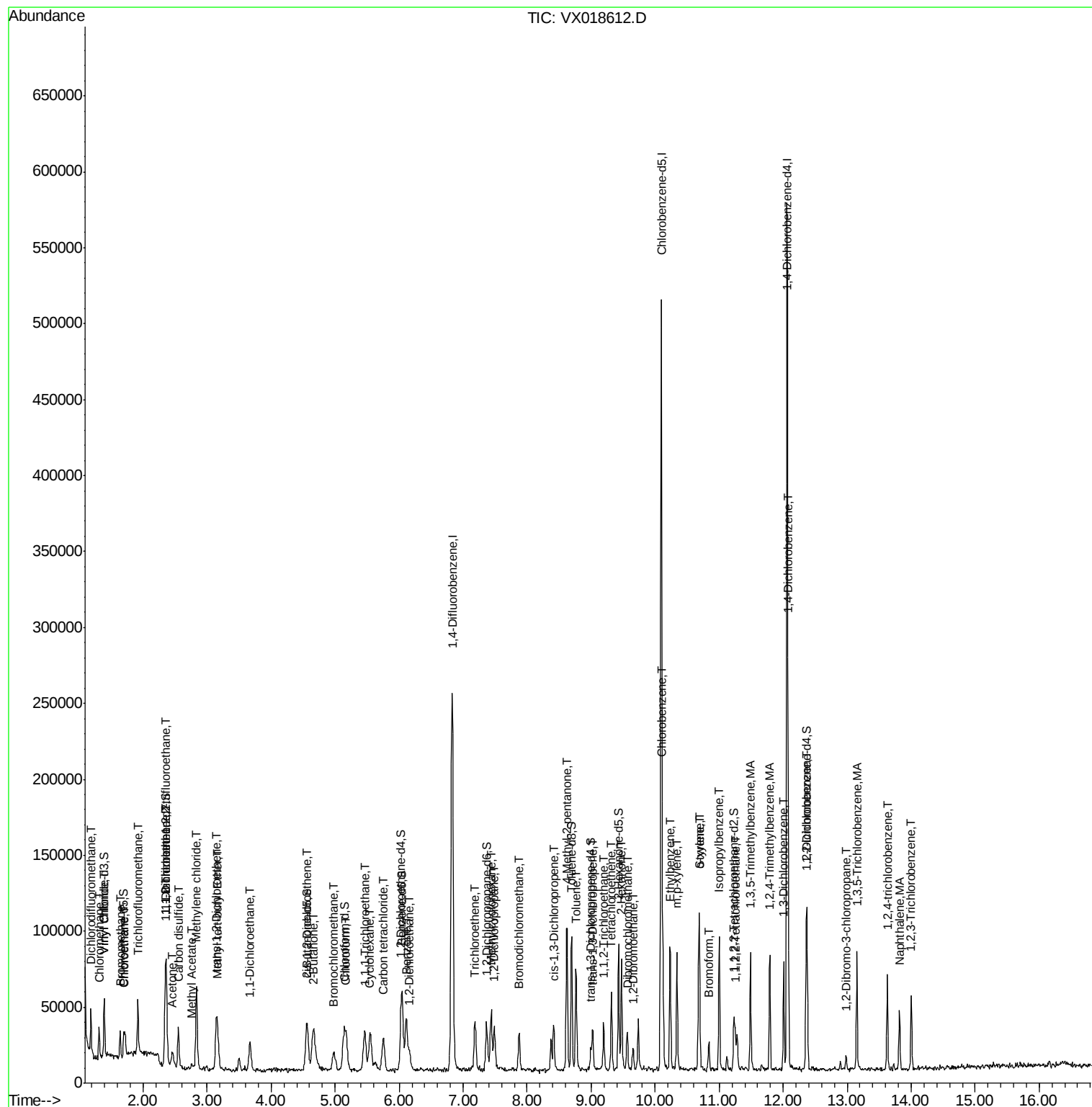
42) Toluene	8.76	91	43112	0.880	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	33868	0.791	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	31582	0.737	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	13731	0.877	ug/L	98
47) 1,1,2-Trichloroethane	9.20	97	7928	0.913	ug/L	96
49) Tetrachloroethene	9.32	164	8799	0.851	ug/L	93
50) 2-Hexanone	9.47	43	37410	7.878	ug/L	94
51) Dibromochloromethane	9.57	129	10489	0.923	ug/L	94
52) 1,2-Dibromoethane	9.65	107	7207	0.891	ug/L #	86
53) Chlorobenzene	10.12	112	28782	0.889	ug/L	96
54) Ethylbenzene	10.23	91	45550	0.853	ug/L	99
55) m,p-xylene	10.34	106	17076	0.837	ug/L	96
56) o-xylene	10.68	106	16552	0.858	ug/L	79
57) Styrene	10.70	104	25228	0.792	ug/L	95
58) Isopropylbenzene	11.00	105	41698	0.807	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	8966	0.914	ug/L #	91
62) Bromoform	10.84	173	6025	0.977	ug/L #	98
63) 1,3-Dichlorobenzene	12.01	146	22580	0.897	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	23303	0.916	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	20808	0.887	ug/L	94
67) 1,2-Dibromo-3-chloropropan	12.99	75	2066	1.035	ug/L	95
68) 1,3,5-Trichlorobenzene	13.15	180	17301	0.915	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	13438	0.867	ug/L	95
70) Naphthalene	13.82	128	20900	0.798	ug/L	97
71) 1,2,3-Trichlorobenzene	14.00	180	12411	0.886	ug/L	95

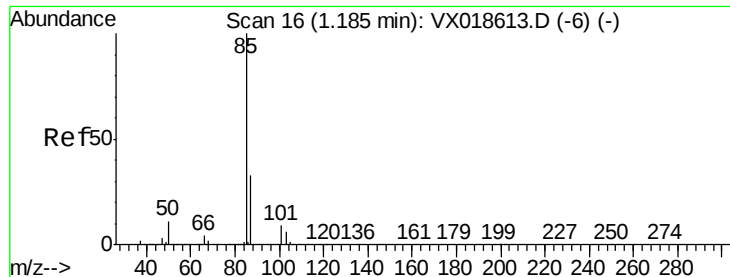
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.908 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

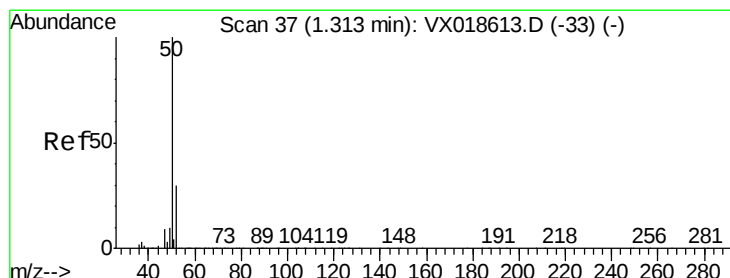
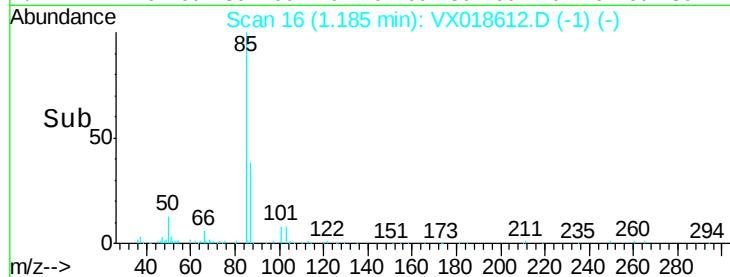
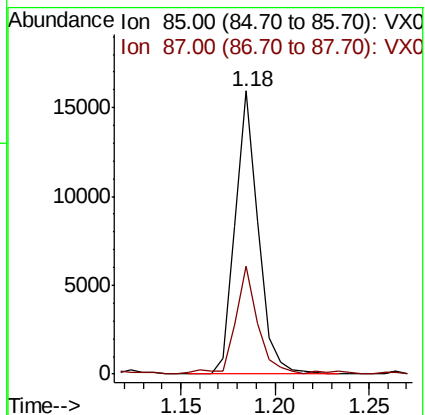
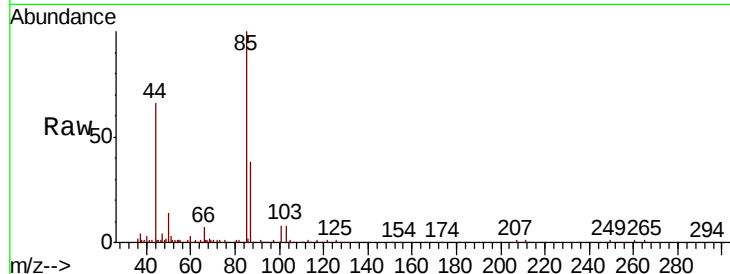
VSTD00164

Tot Ion: 85 Resp: 13600

Ion Ratio Lower Upper

85 100

87 37.0 26.1 39.1



#3

Chloromethane

Concen: 0.969 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018612.D

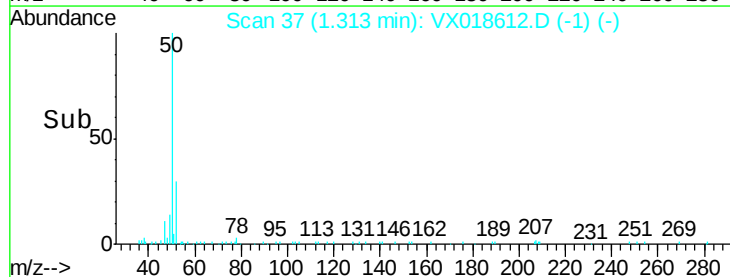
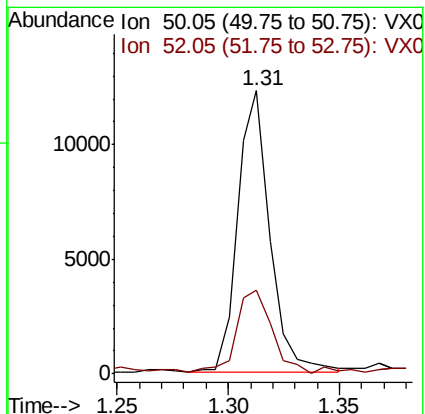
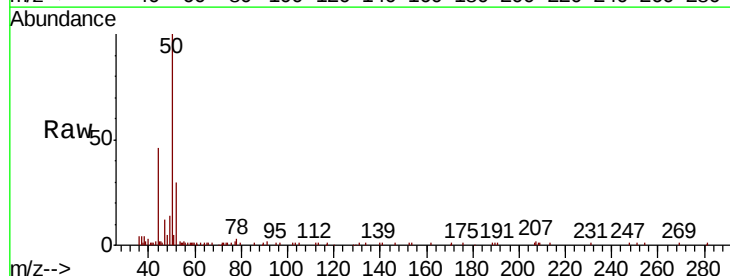
Acq: 28 Sep 2020 11:27

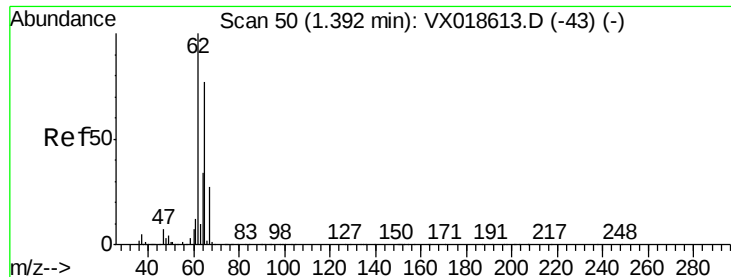
Tgt Ion: 50 Resp: 12389

Ion Ratio Lower Upper

50 100

52 29.7 21.2 39.4





#5

Vinyl chloride

Concen: 0.944 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampled :

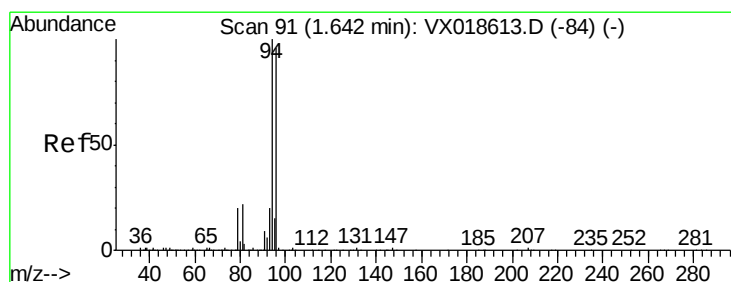
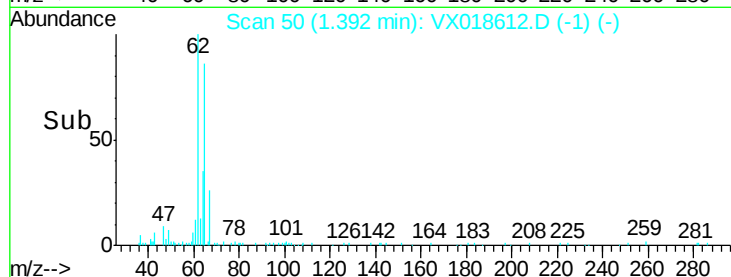
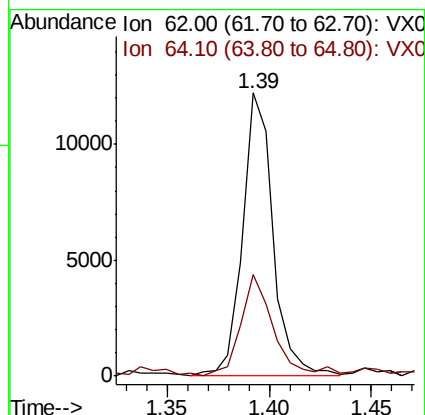
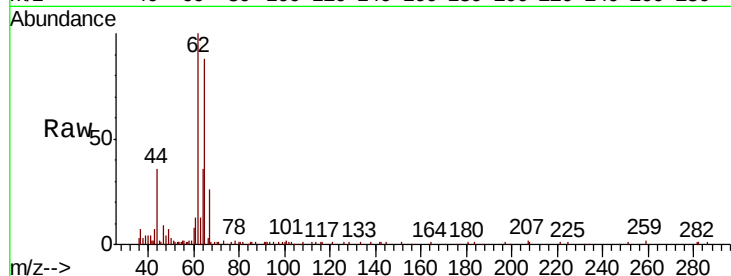
VSTD00164

Tot Ion: 62 Resp: 12651

Ion Ratio Lower Upper

62 100

64 36.0 23.6 43.8



#6

Bromomethane

Concen: 0.959 ug/L

RT: 1.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX018612.D

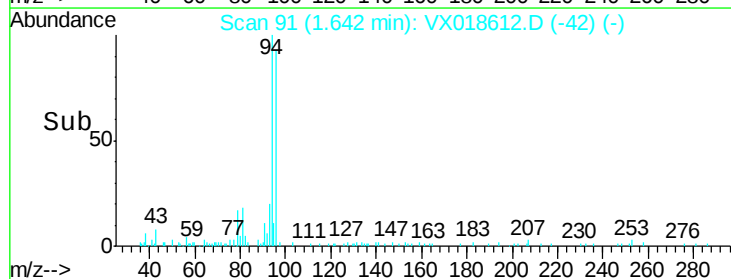
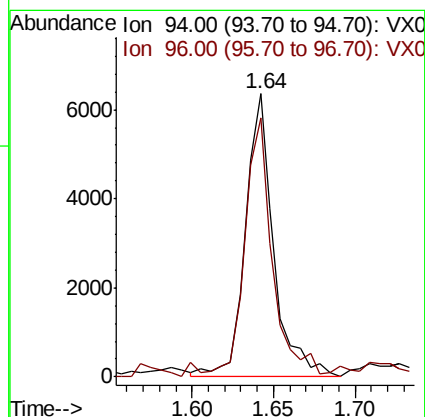
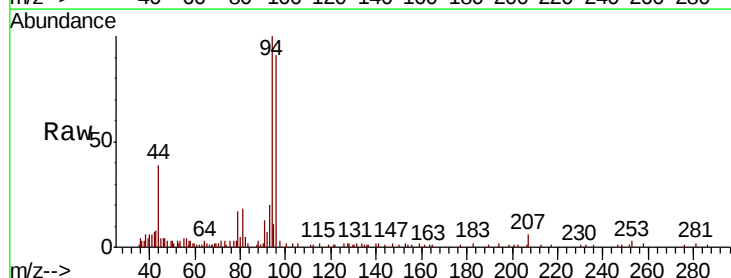
Acq: 28 Sep 2020 11:27

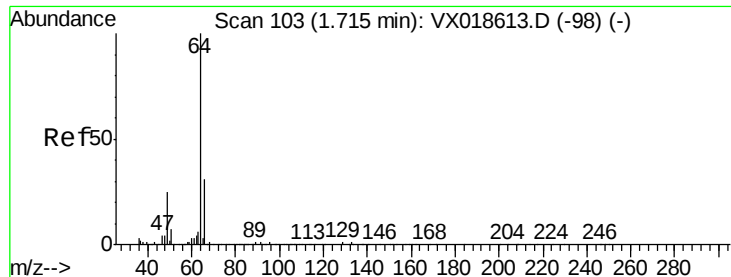
Tgt Ion: 94 Resp: 7679

Ion Ratio Lower Upper

94 100

96 91.5 67.8 125.8

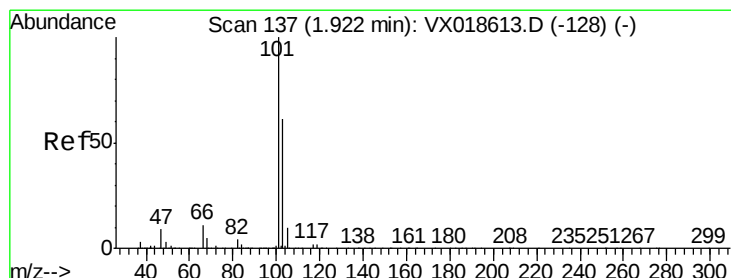
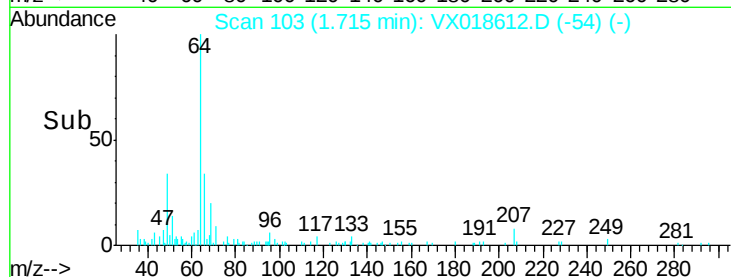
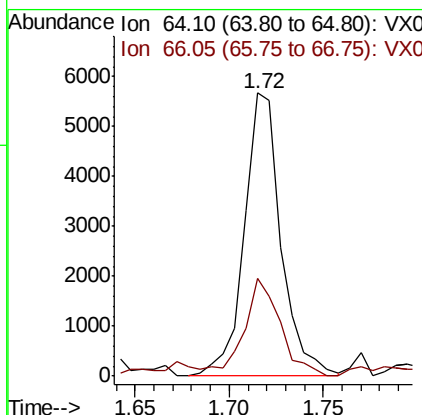
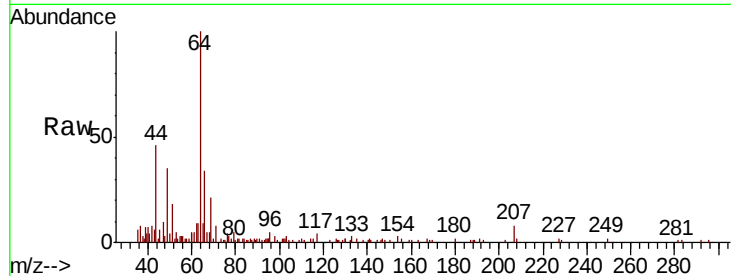




#8
Chloroethane
Concen: 1.025 ug/L
RT: 1.72 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

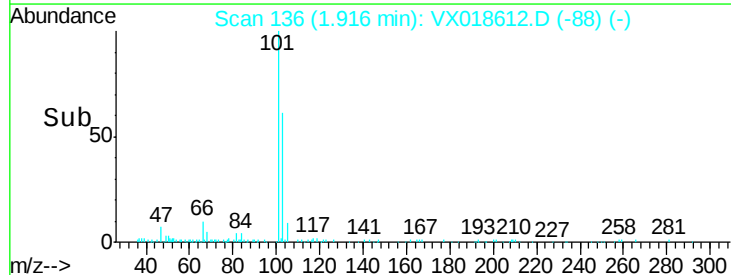
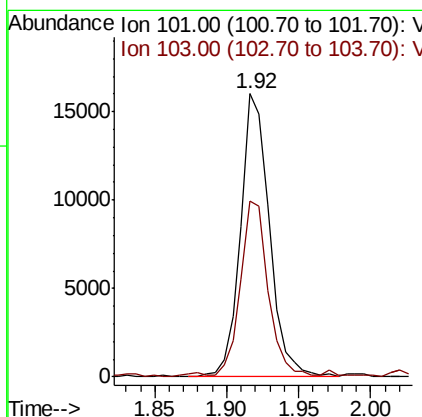
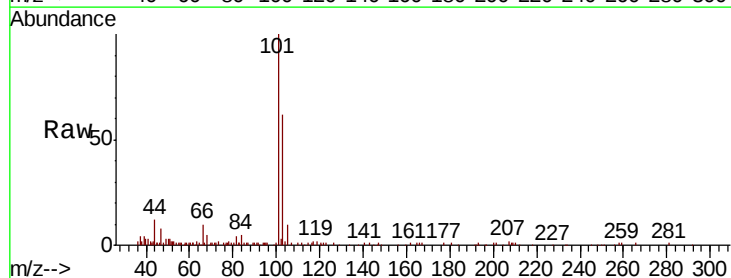
Instrument :
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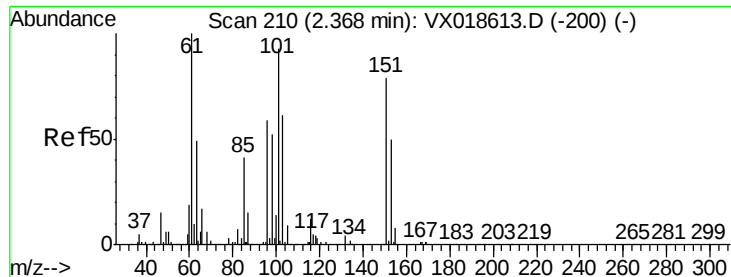
Tot Ion: 64 Resp: 7706
Ion Ratio Lower Upper
64 100
66 34.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 0.960 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

Tgt Ion: 101 Resp: 22282
Ion Ratio Lower Upper
101 100
103 60.8 49.8 74.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.903 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD00164

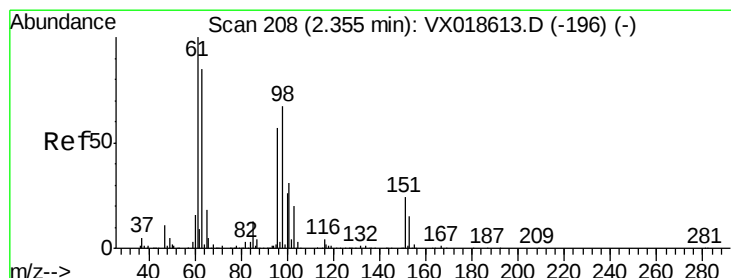
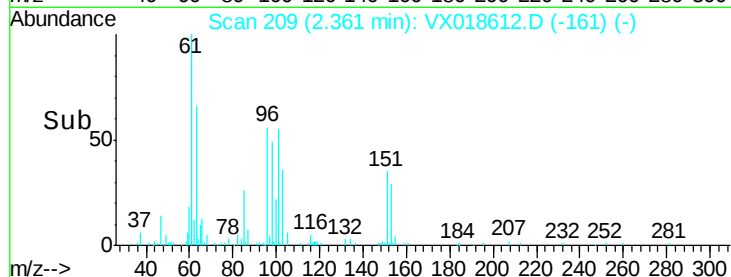
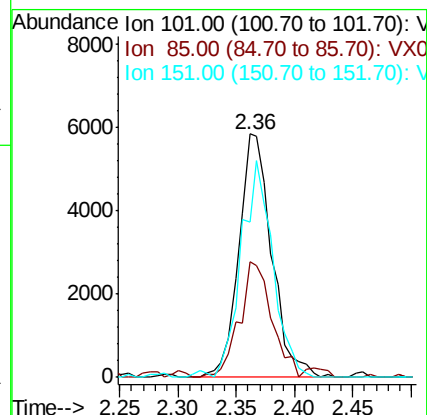
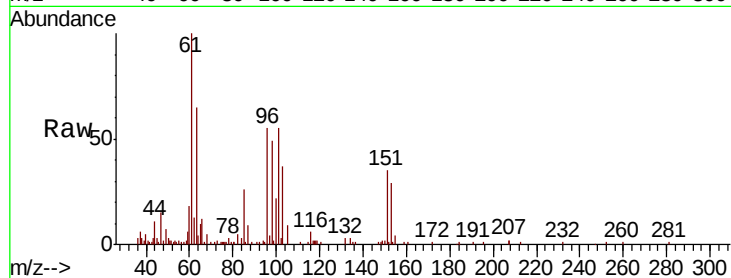
Tot Ion:101 Resp: 11499

Ion Ratio Lower Upper

101 100

85 47.2 36.1 54.1

151 85.1 65.5 98.3



#12

1,1-Dichloroethene

Concen: 0.967 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

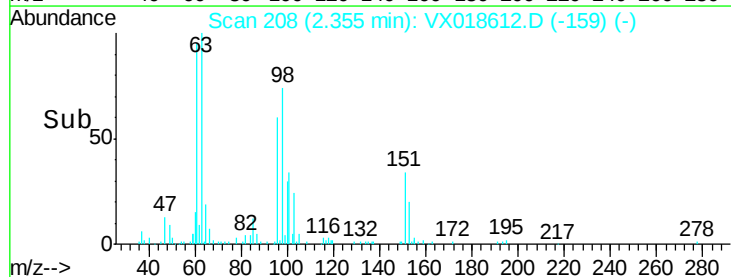
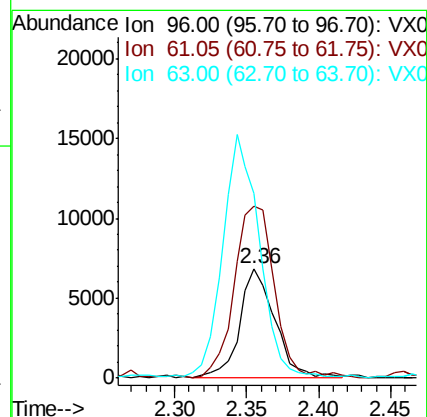
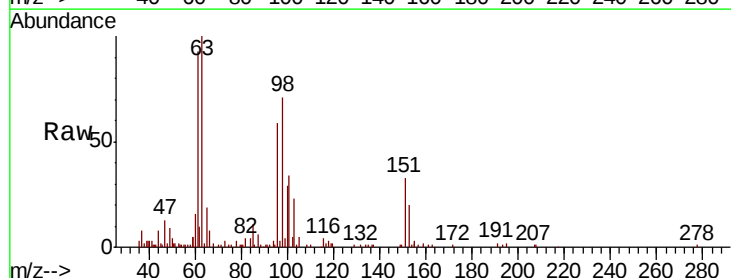
Tgt Ion: 96 Resp: 11683

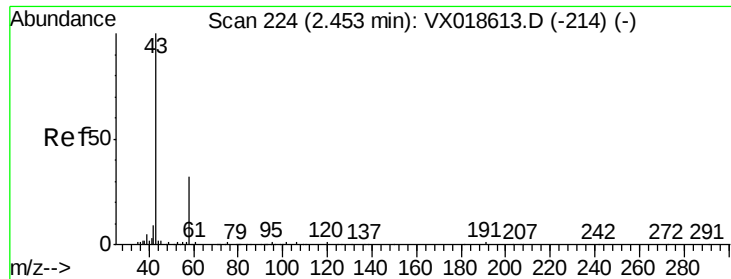
Ion Ratio Lower Upper

96 100

61 157.7 123.8 229.8

63 168.7 104.7 194.4





#13

Acetone

Concen: 10.192 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.01 min

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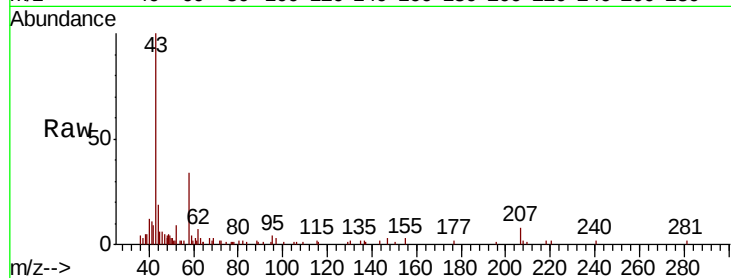
VSTD00164

Tot Ion: 43 Resp: 18624

Ion Ratio Lower Upper

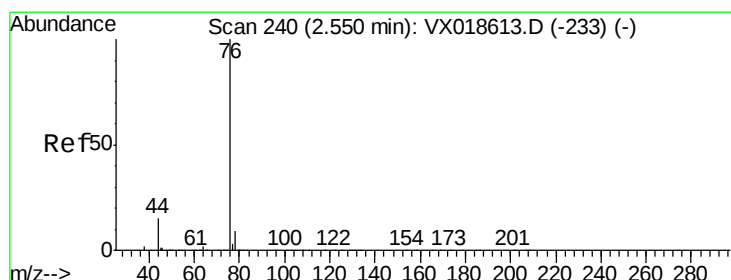
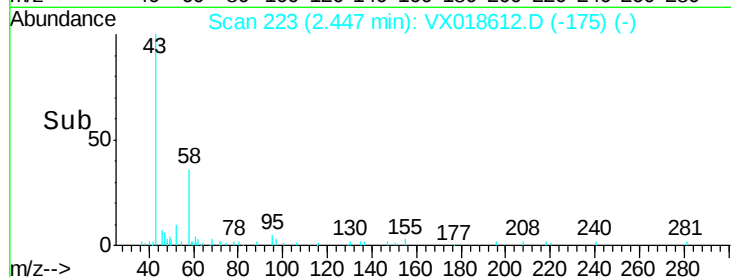
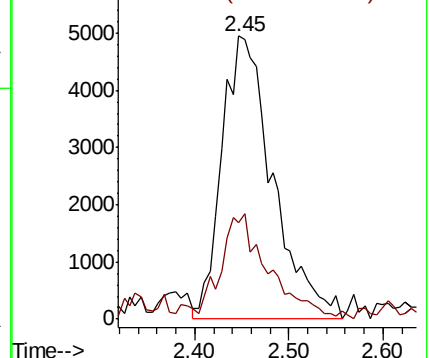
43 100

58 33.0 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 0.943 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018612.D

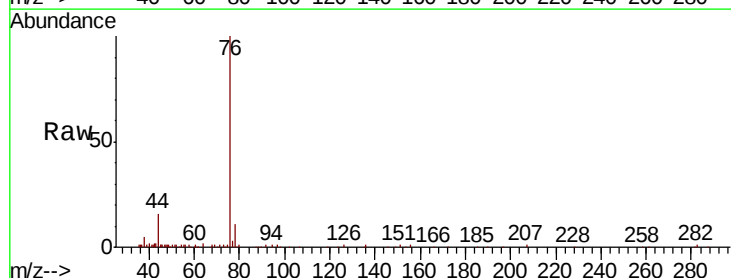
Acq: 28 Sep 2020 11:27

Tgt Ion: 76 Resp: 34647

Ion Ratio Lower Upper

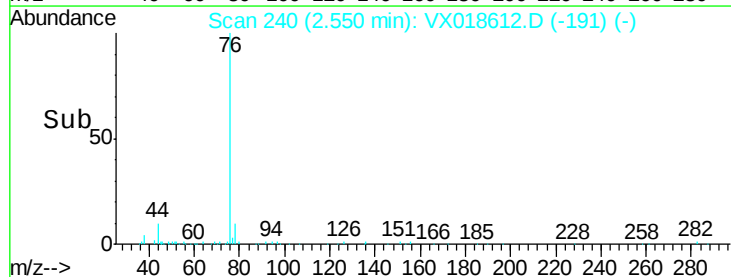
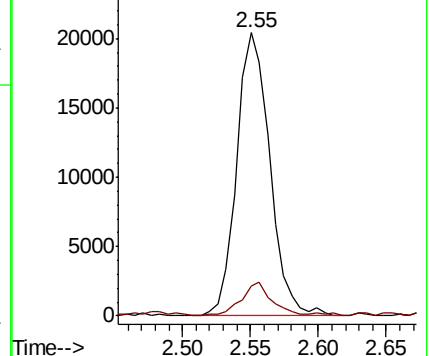
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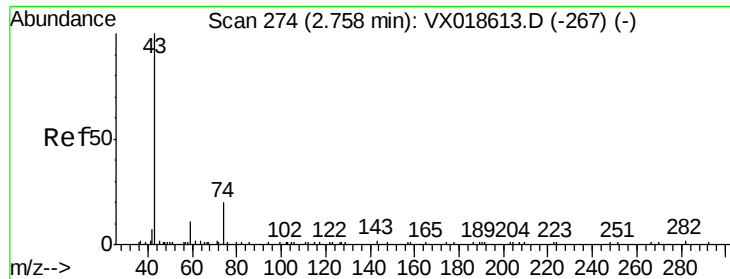
78 10.6 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

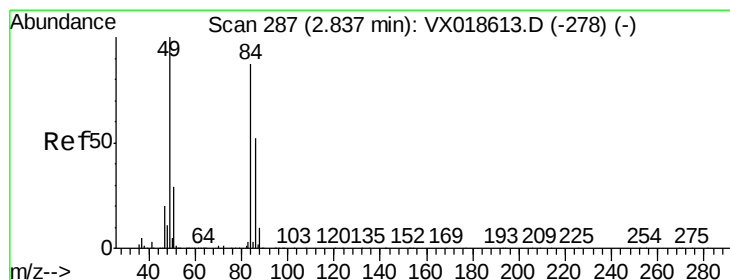
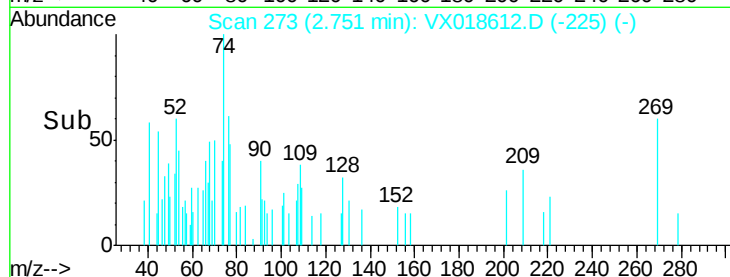
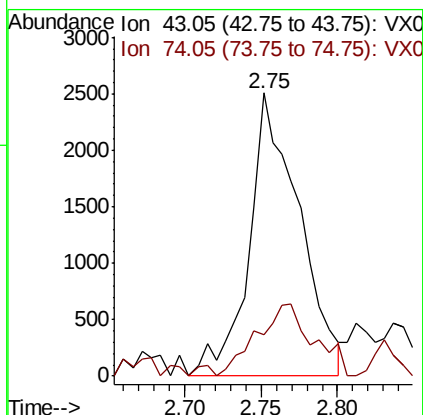
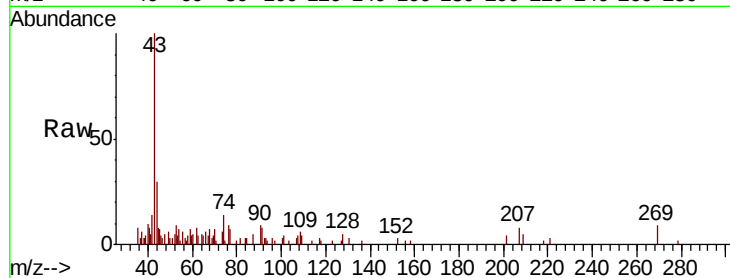




#15
Methyl Acetate
Concen: 1.129 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

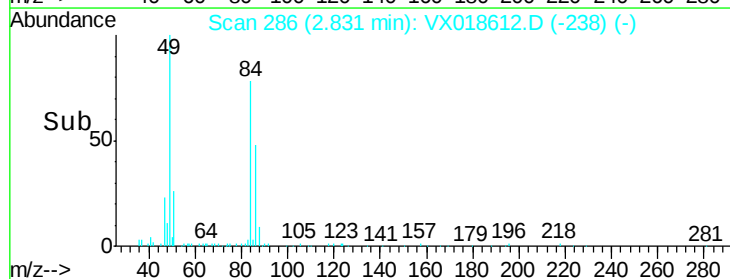
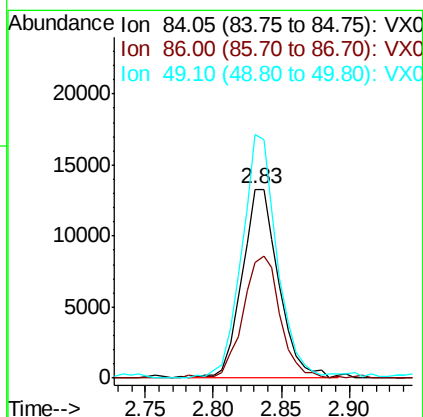
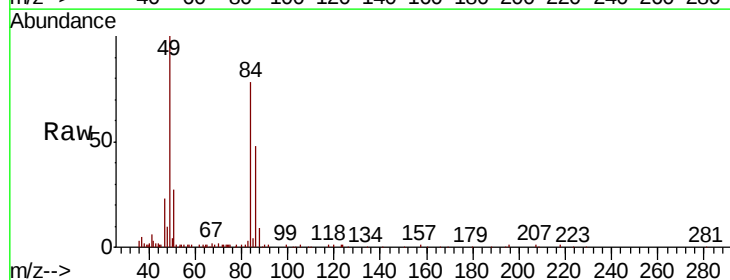
Instrument :
MSVOA_X
ClientSampleId :
VSTD00164

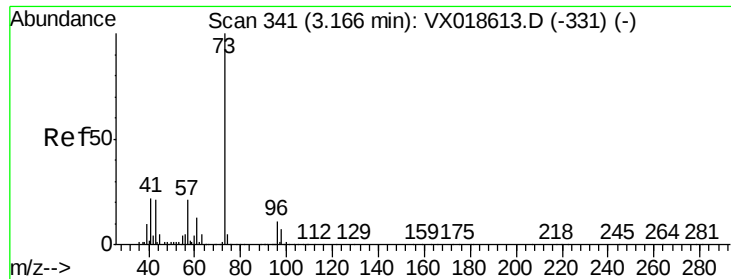
Tot Ion: 43 Resp: 5709
Ion Ratio Lower Upper
43 100
74 28.5 21.2 31.8



#16
Methylene chloride
Concen: 1.488 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

Tgt Ion: 84 Resp: 24557
Ion Ratio Lower Upper
84 100
86 61.5 41.9 77.7
49 128.8 80.8 150.2

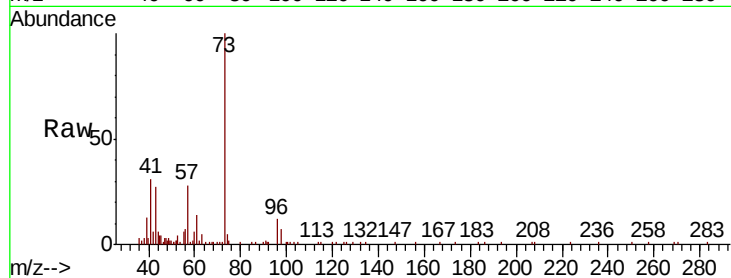




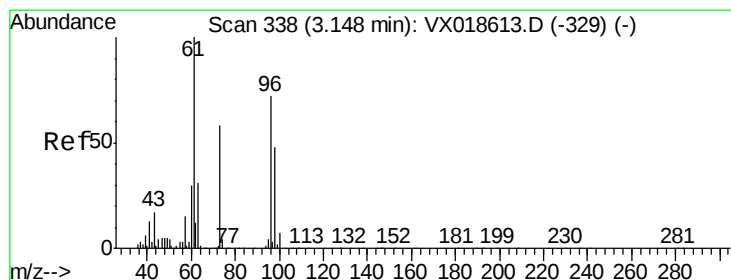
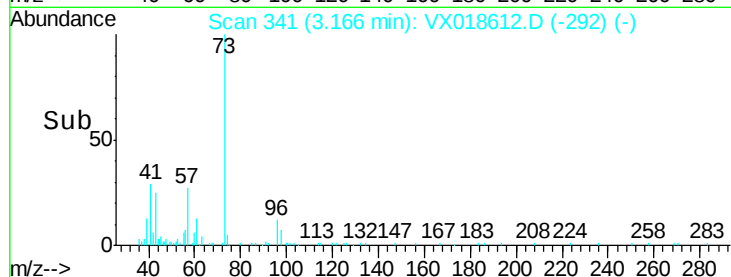
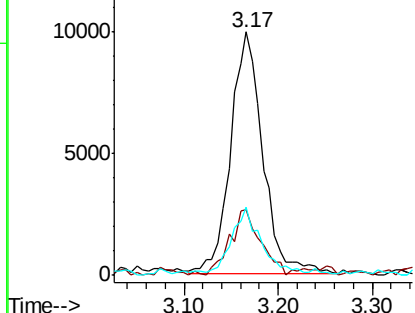
#17
Methvl tert-butvl Ether
Concen: 0.869 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTD00164

Tot Ion	Ratio	Lower	Upper
73	100		
43	27.1	18.6	27.8
57	27.5	17.3	25.9

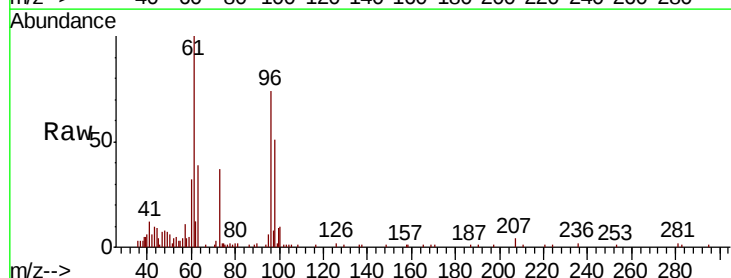


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

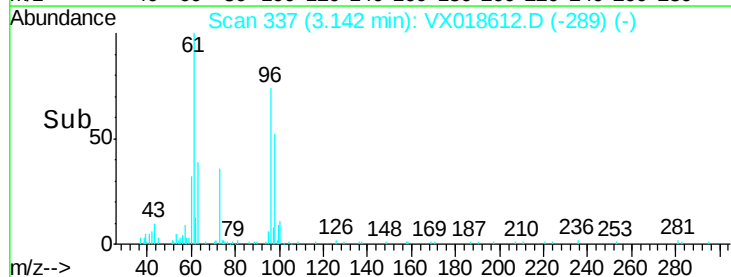
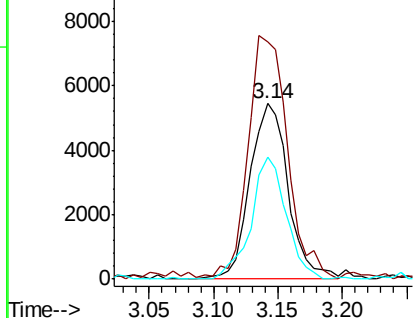


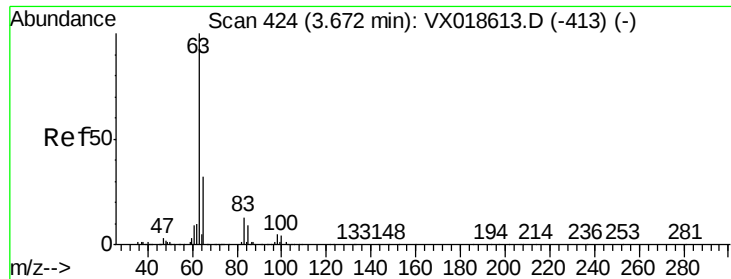
#18
trans-1,2-Dichloroethene
Concen: 0.931 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.4	97.3	180.7
98	69.4	46.6	86.6



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 97.95 (97.65 to 98.65): VX0

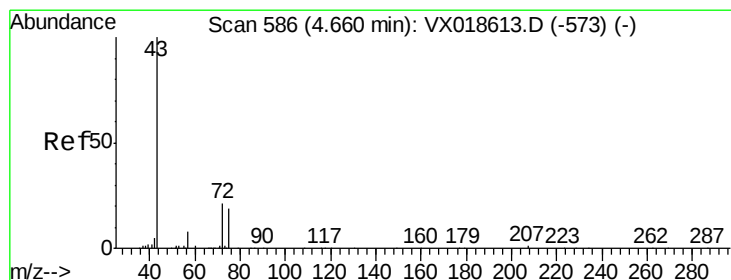
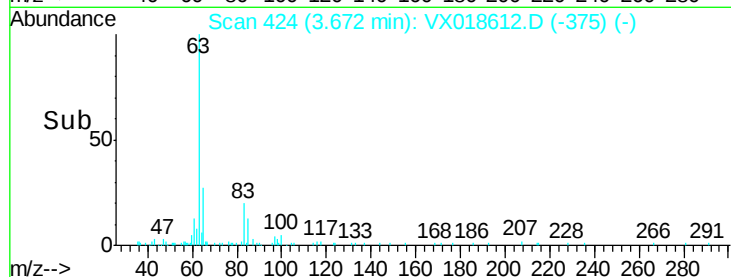
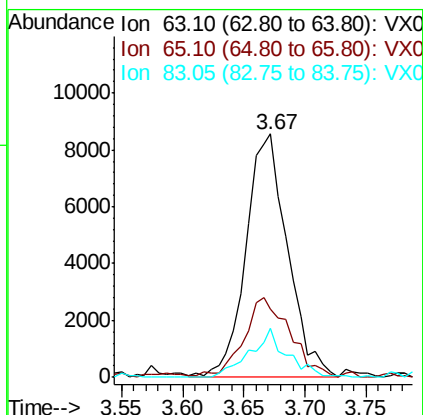
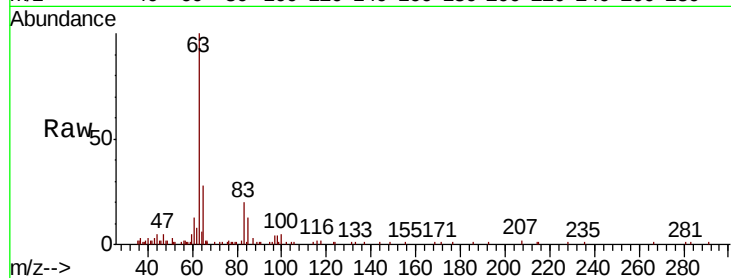




#19
 1,1-Dichloroethane
 Concen: 0.939 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

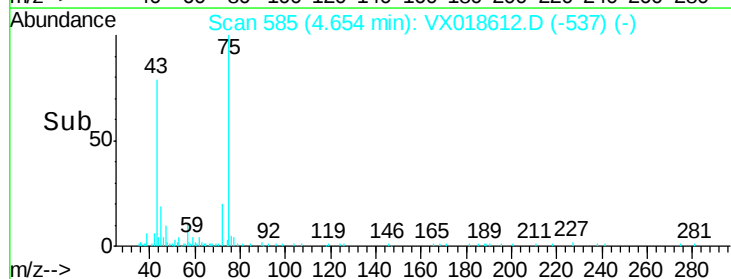
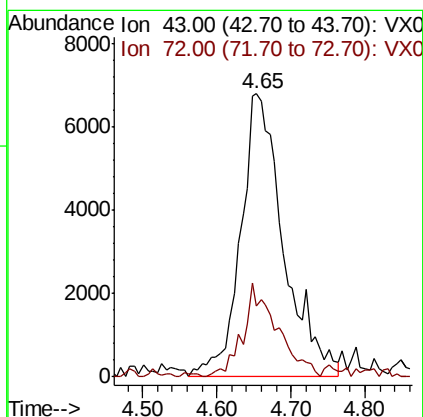
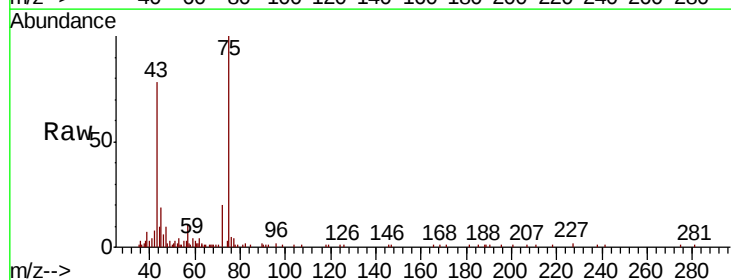
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD00164

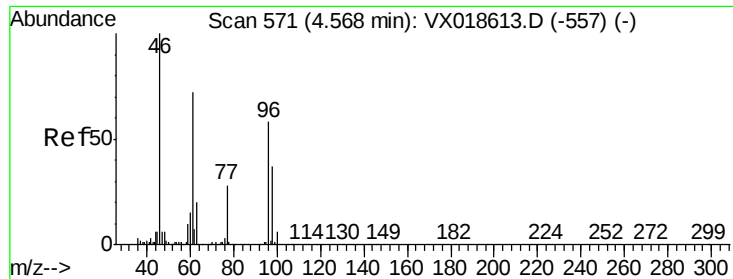
Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	22.7	42.1
83	20.2	9.3	17.3



#21
 2-Butanone
 Concen: 9.509 ug/L
 RT: 4.65 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.3	5.2	15.6



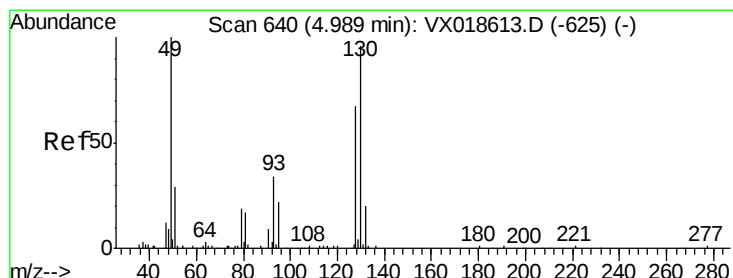
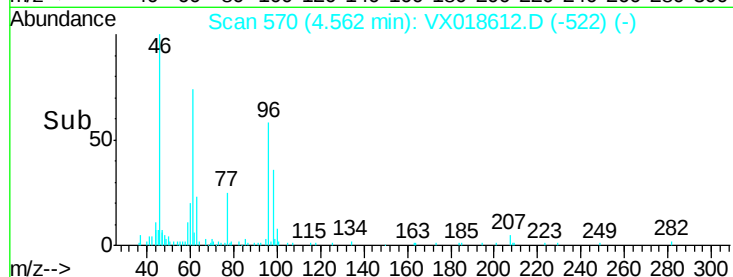
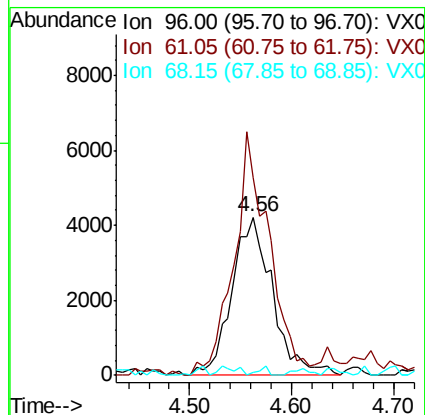
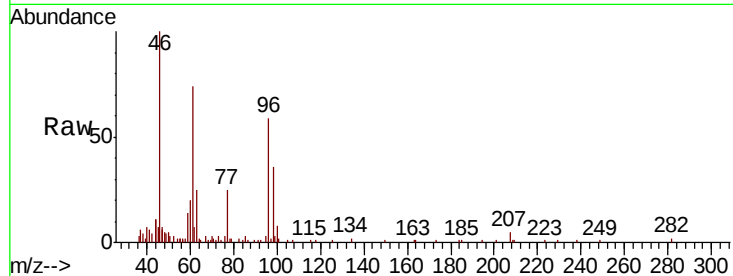


#22

cis-1,2-Dichloroethene
 Concen: 0.926 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

Instrument :
 MSVOA_X
 ClientSampled :
 VSTD00164

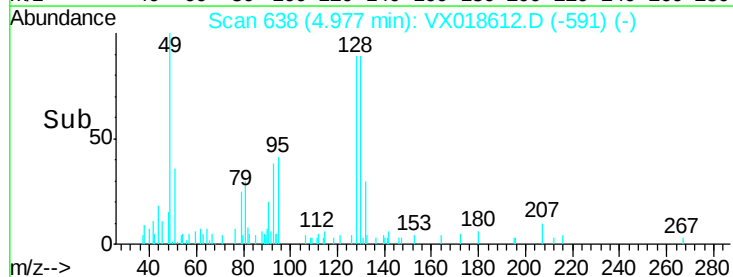
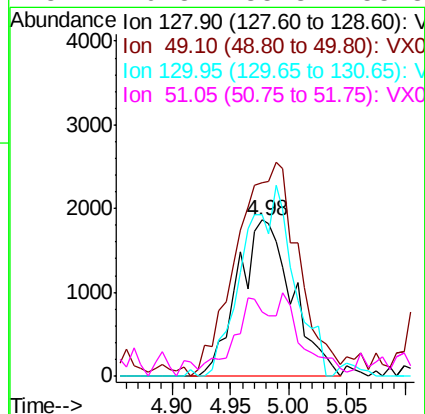
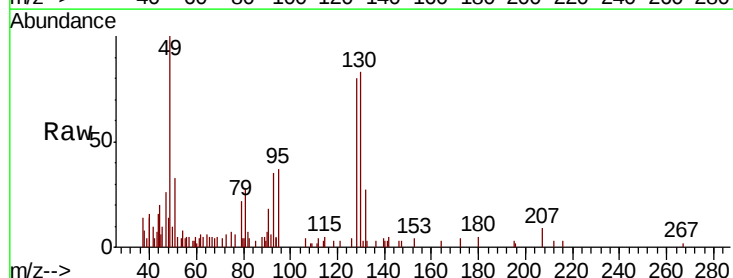
Tot Ion: 96 Resp: 11669
 Ion Ratio Lower Upper
 96 100
 61 125.0 87.7 162.9
 68 2.2 0.3 0.7#

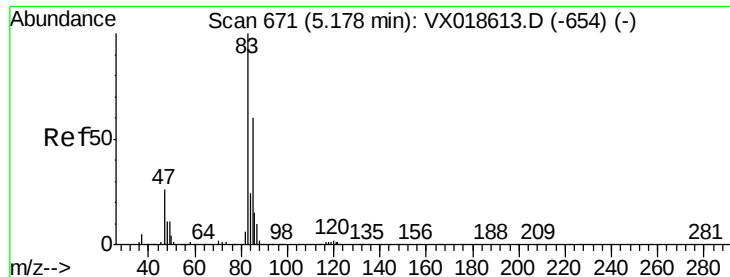


#23

Bromochloromethane
 Concen: 0.999 ug/L
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

Tgt Ion: 128 Resp: 6037
 Ion Ratio Lower Upper
 128 100
 49 124.4 105.2 195.4
 130 103.5 100.6 186.8
 51 40.8 35.8 53.8





#25

Chloroform

Concen: 0.945 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

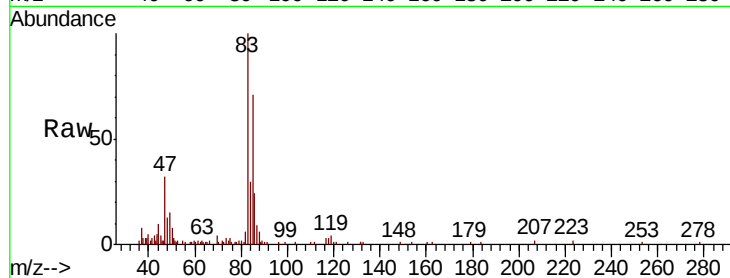
VSTD00164

Tot Ion: 83 Resp: 22365

Ion Ratio Lower Upper

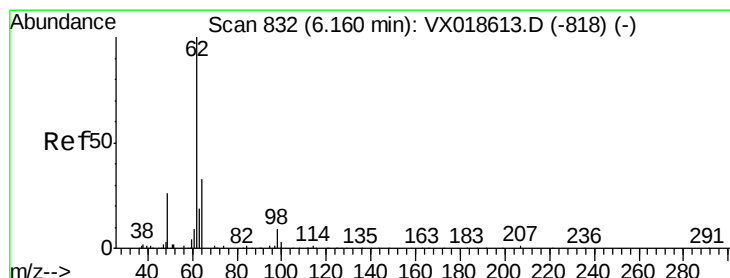
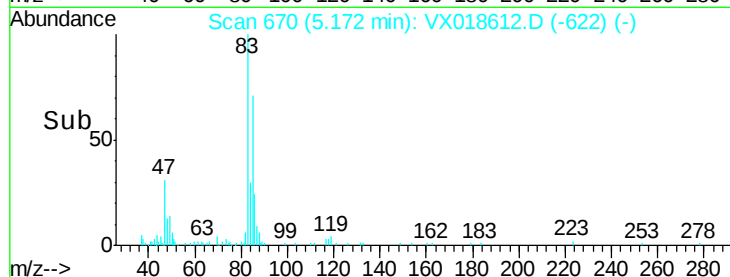
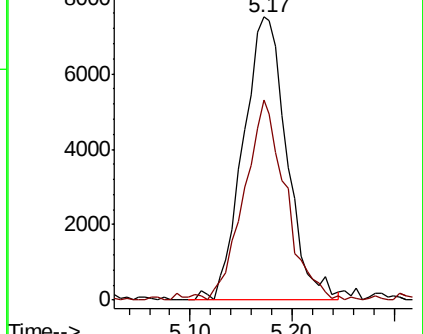
83 100

85 70.7 41.8 77.6



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane

Concen: 0.901 ug/L

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018612.D

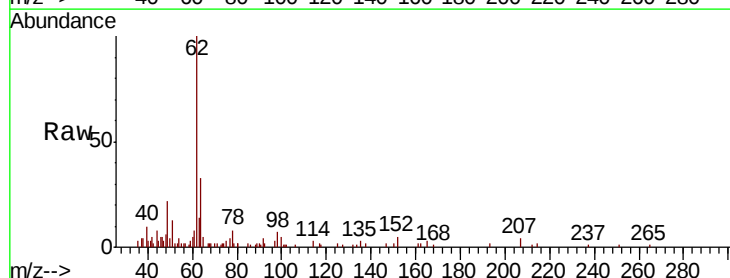
Acq: 28 Sep 2020 11:27

Tgt Ion: 62 Resp: 13481

Ion Ratio Lower Upper

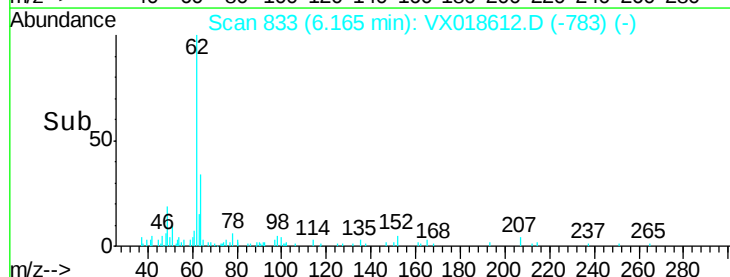
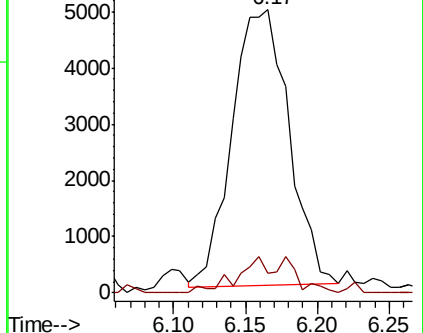
62 100

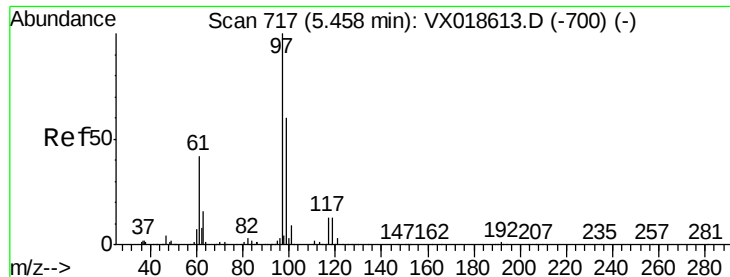
98 6.8 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

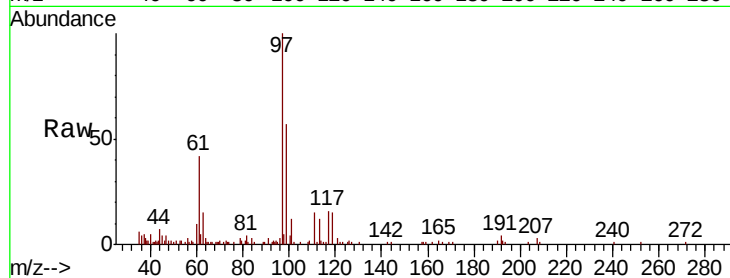




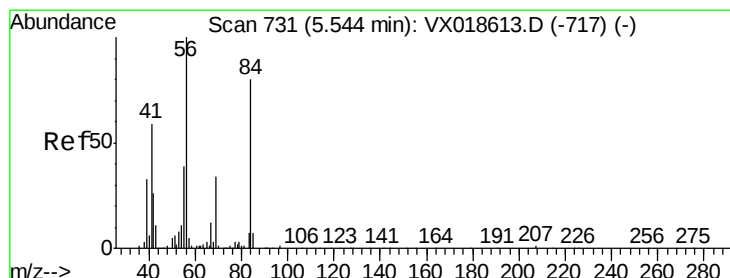
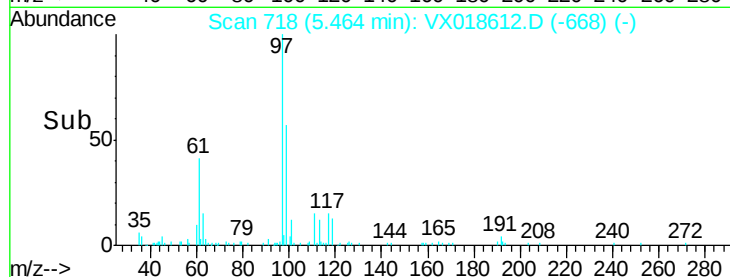
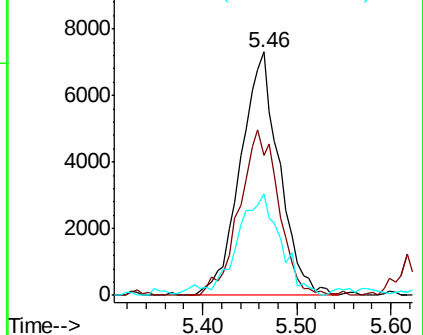
#29
 1,1,1-Trichloroethane
 Concen: 0.941 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00164

Tot Ion	Ratio	Lower	Upper
97	100		
99	69.0	50.0	75.0
61	45.6	33.9	50.9

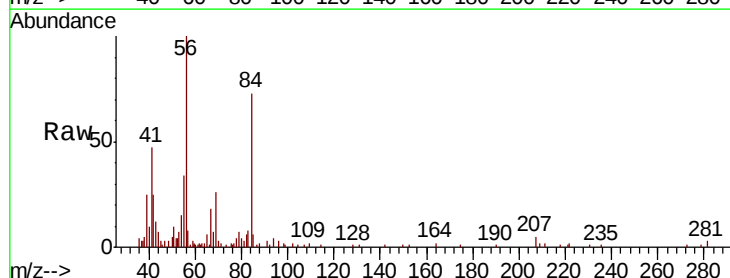


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 61.05 (60.75 to 61.75): VX0

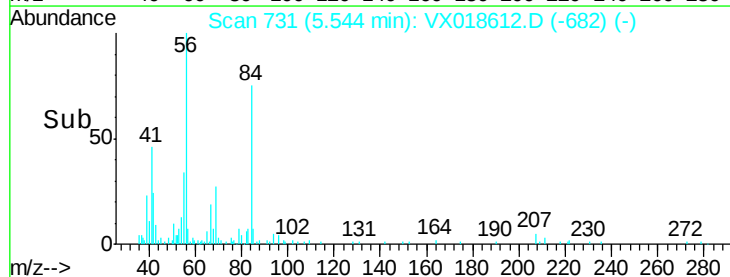
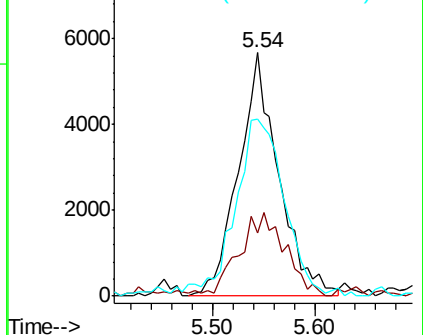


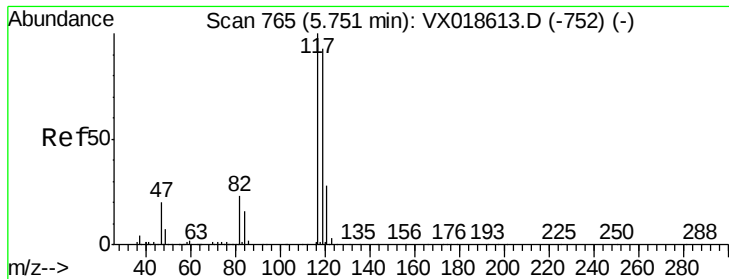
#30
 Cyclohexane
 Concen: 0.868 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

Tgt Ion	Ratio	Lower	Upper
56	100		
69	39.0	26.4	39.6
84	90.1	72.7	109.1



Abundance Ion 56.10 (55.80 to 56.80): VX0
 Ion 69.15 (68.85 to 69.85): VX0
 Ion 84.15 (83.85 to 84.85): VX0



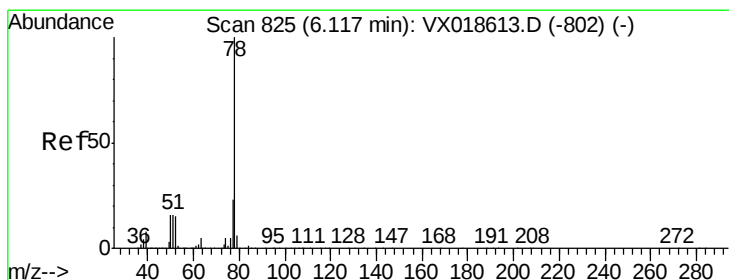
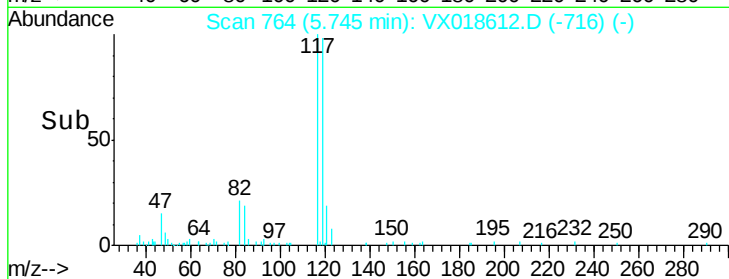
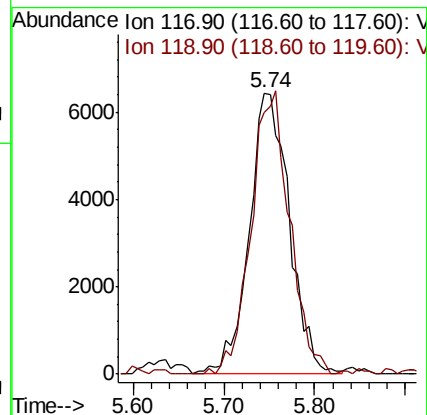
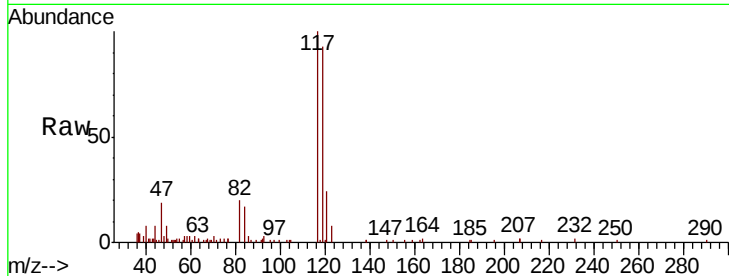


#31

Carbon tetrachloride
Concen: 0.951 ug/L
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTD00164

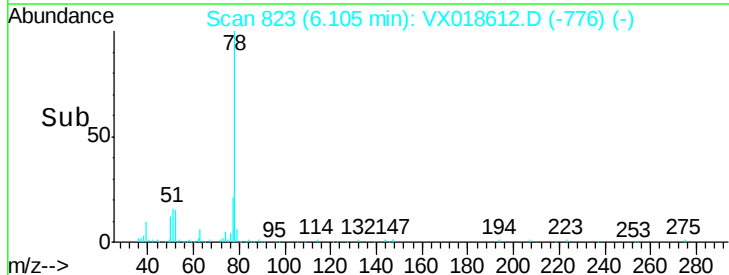
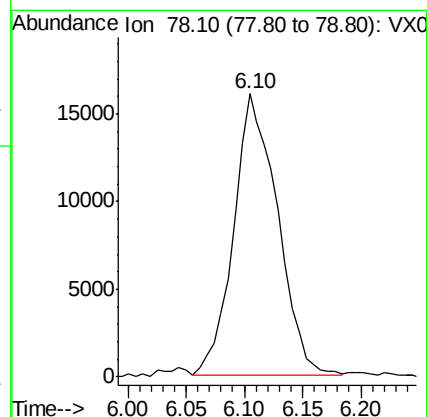
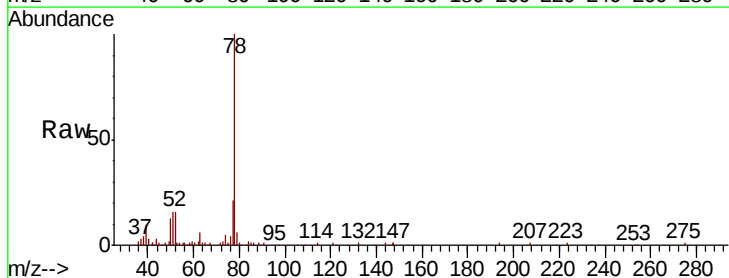
Tot Ion:117 Resp: 19642
Ion Ratio Lower Upper
117 100
119 97.0 76.3 114.5

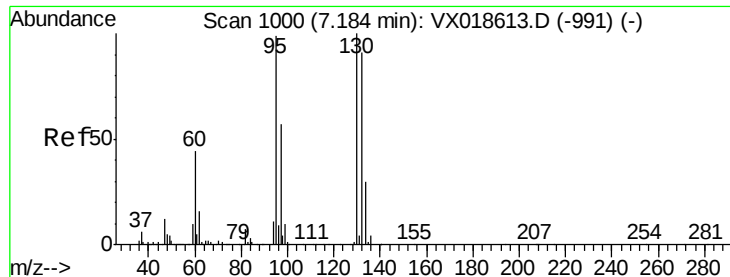


#33

Benzene
Concen: 0.924 ug/L
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

Tgt Ion: 78 Resp: 41924





#34

Trichloroethene

Concen: 0.927 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD00164

Tot Ion: 95 Resp: 12164

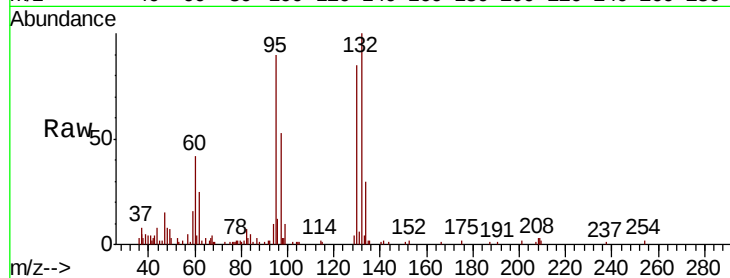
Ion Ratio Lower Upper

95 100

97 59.1 40.6 75.4

132 111.1 64.3 119.5

130 94.6 70.6 131.0

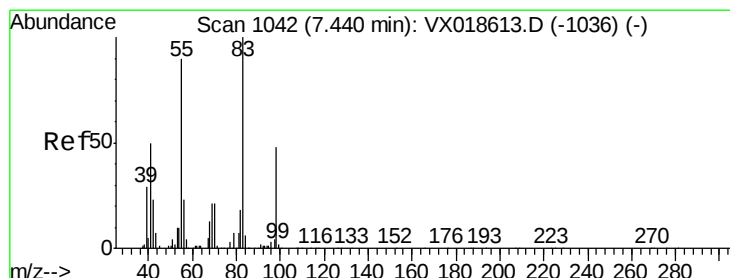
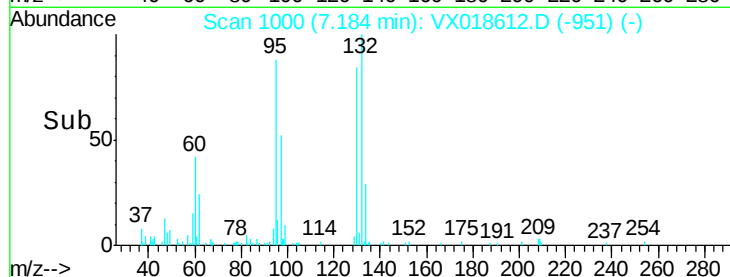
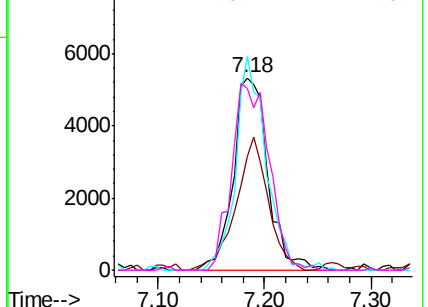


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

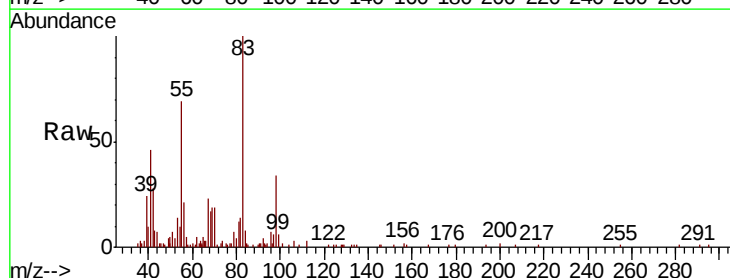
Tgt Ion: 83 Resp: 15555

Ion Ratio Lower Upper

83 100

55 89.3 67.4 101.0

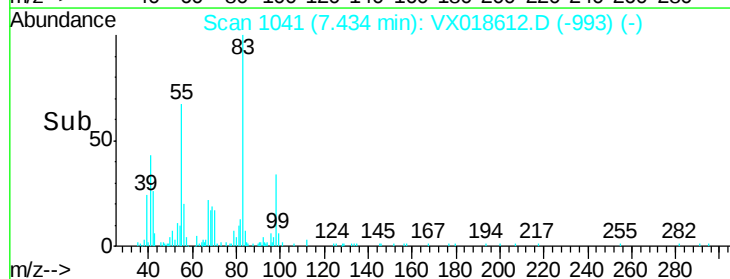
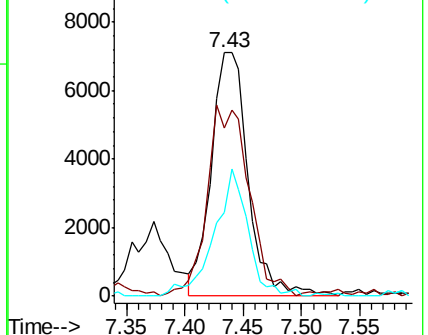
98 48.1 41.1 61.7

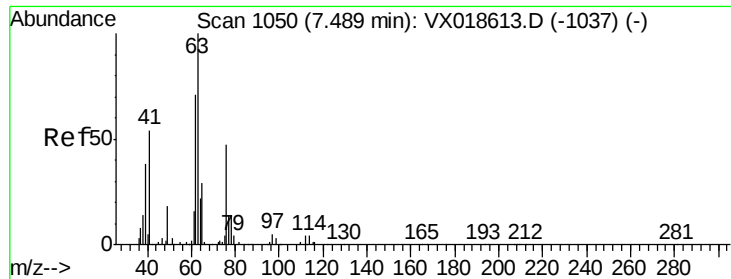


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

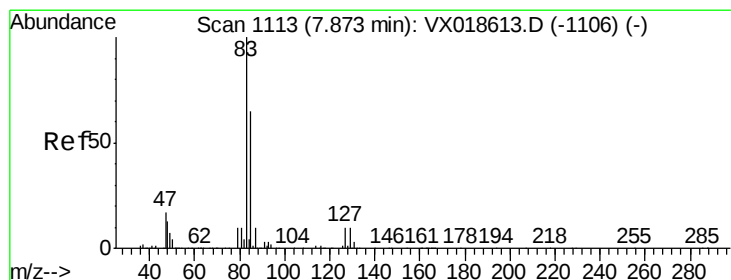
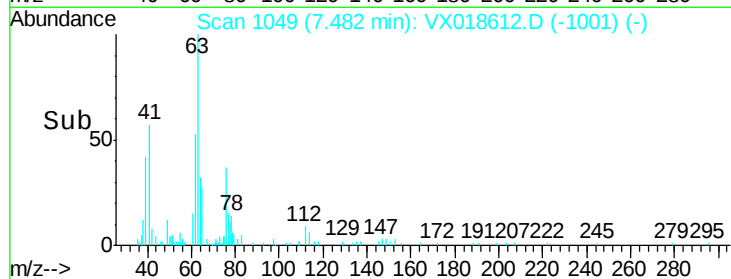
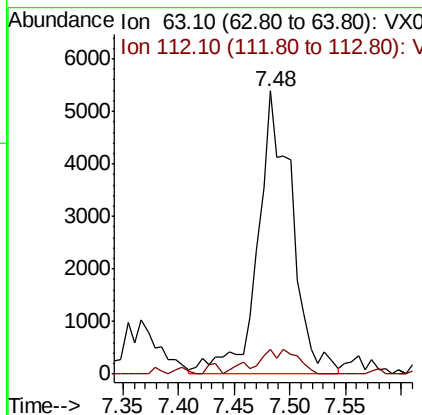
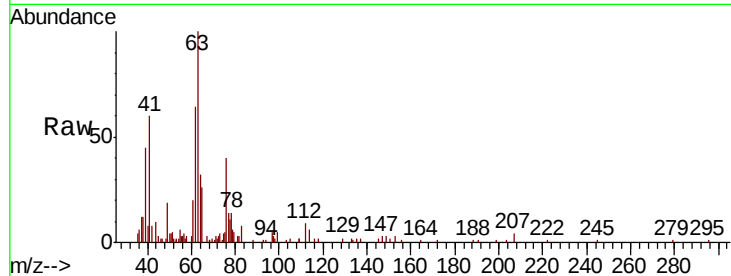




#37
 1,2-Dichloropropane
 Concen: 0.954 ug/L
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

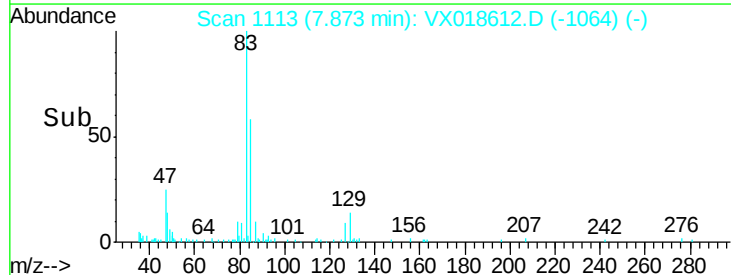
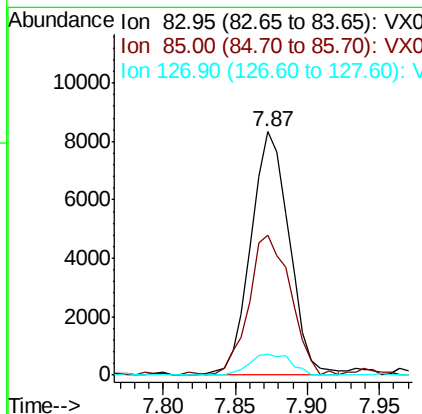
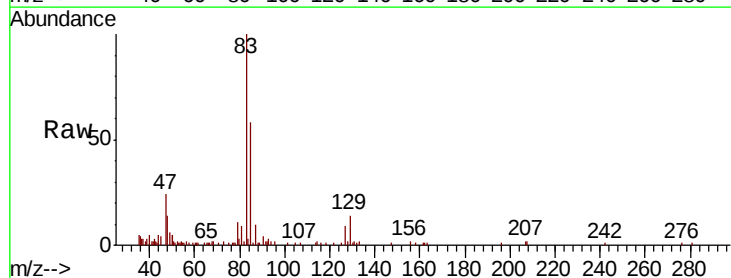
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00164

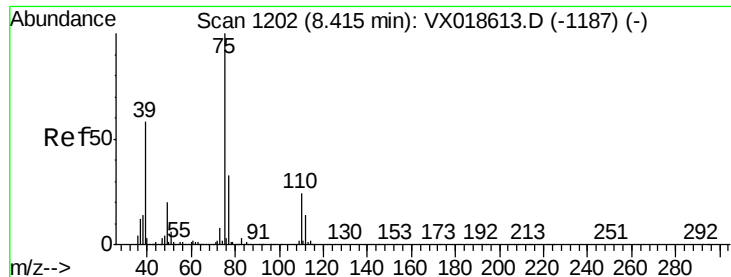
Tot Ion: 63 Resp: 11543
 Ion Ratio Lower Upper
 63 100
 112 2.7 4.1 6.1#



#38
 Bromodichloromethane
 Concen: 0.942 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

Tgt Ion: 83 Resp: 15387
 Ion Ratio Lower Upper
 83 100
 85 57.6 45.2 84.0
 127 8.7 8.2 12.2

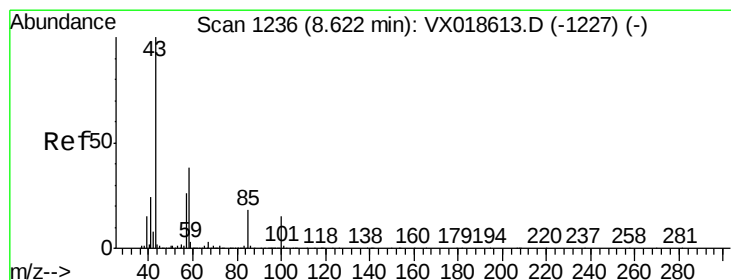
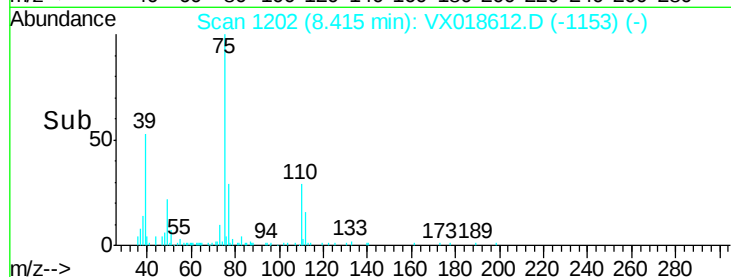
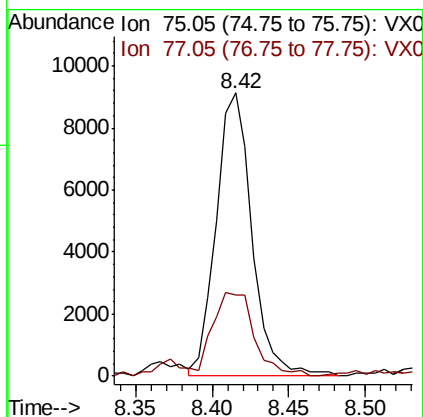
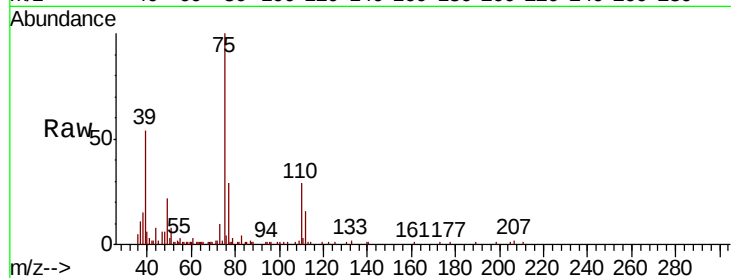




#39
 cis-1,3-Dichloropropene
 Concen: 0.866 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

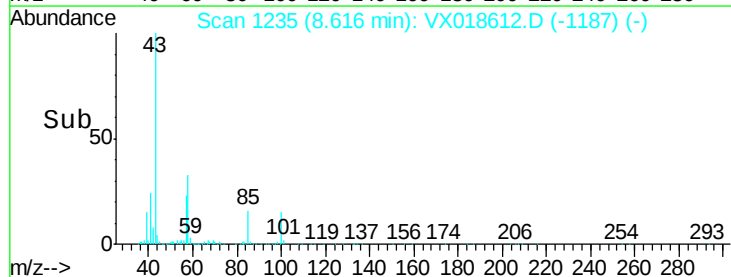
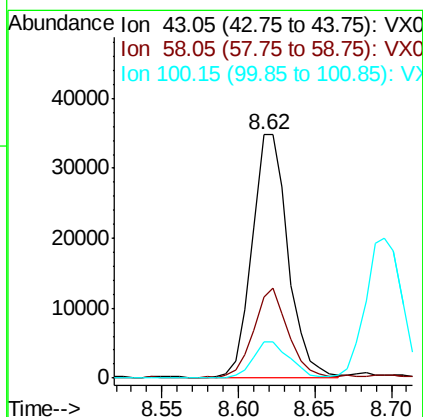
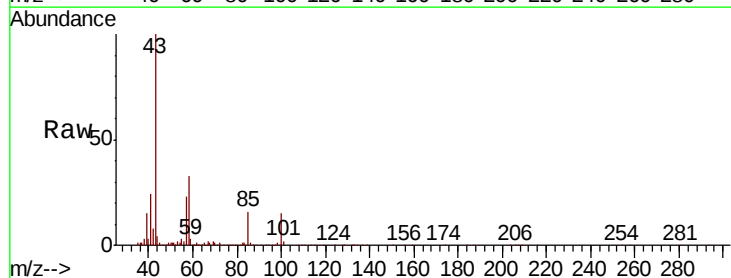
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00164

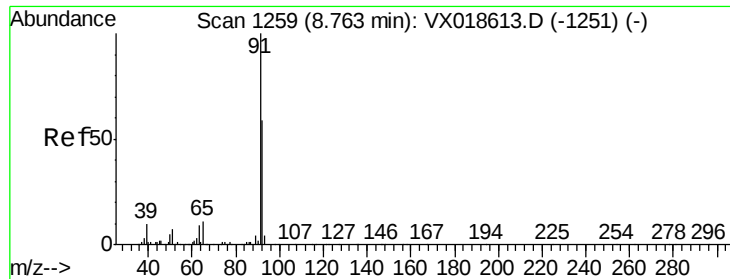
Tot Ion: 75 Resp: 14858
 Ion Ratio Lower Upper
 75 100
 77 28.8 23.0 42.8



#40
 4-Methyl-2-pentanone
 Concen: 8.546 ug/L
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

Tgt Ion: 43 Resp: 57334
 Ion Ratio Lower Upper
 43 100
 58 35.7 30.2 45.4
 100 15.3 11.8 17.8





#42

Toluene

Concen: 0.880 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

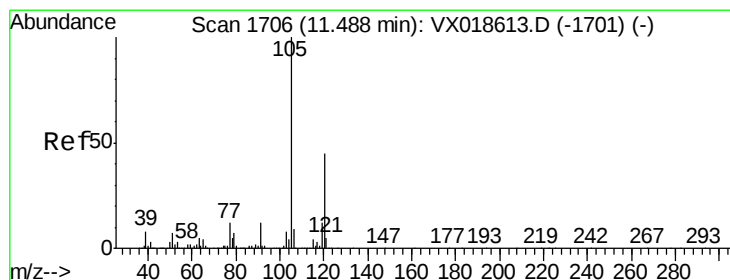
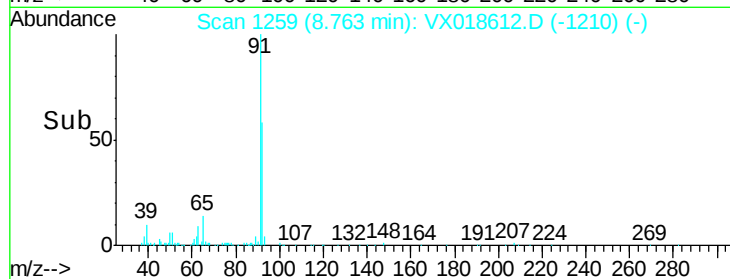
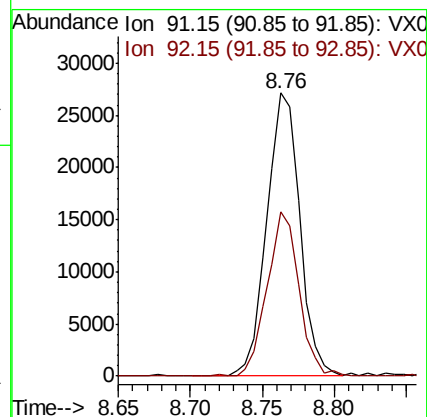
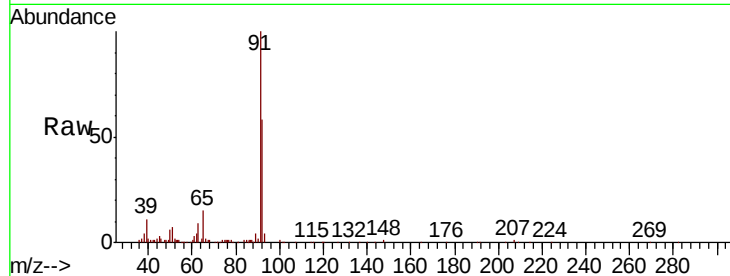
VSTD00164

Tot Ion: 91 Resp: 43112

Ion Ratio Lower Upper

91 100

92 58.1 41.1 76.3



#43

1,3,5-Trimethylbenzene

Concen: 0.791 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018612.D

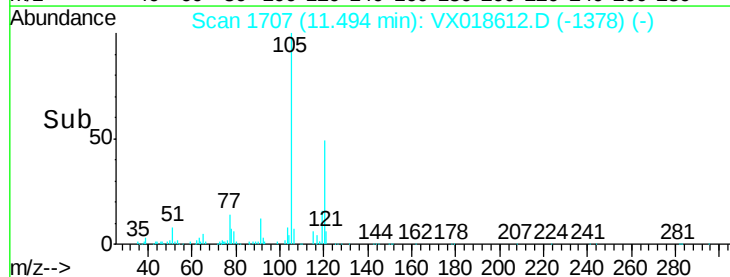
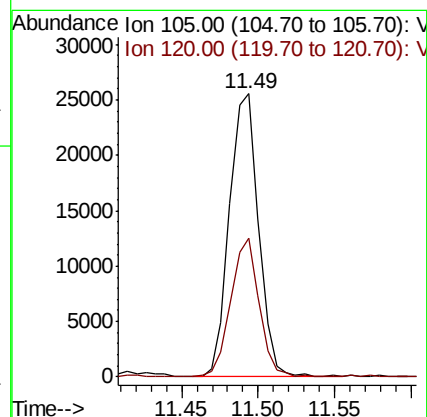
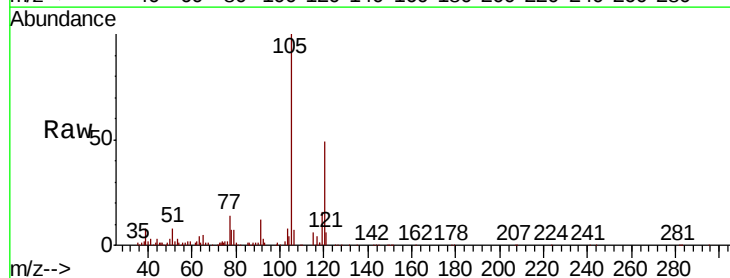
Acq: 28 Sep 2020 11:27

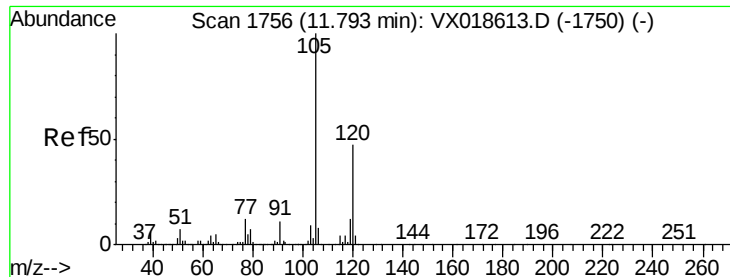
Tgt Ion: 105 Resp: 33868

Ion Ratio Lower Upper

105 100

120 47.4 37.2 55.8





#44

1,2,4-Trimethylbenzene

Concen: 0.737 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampled :

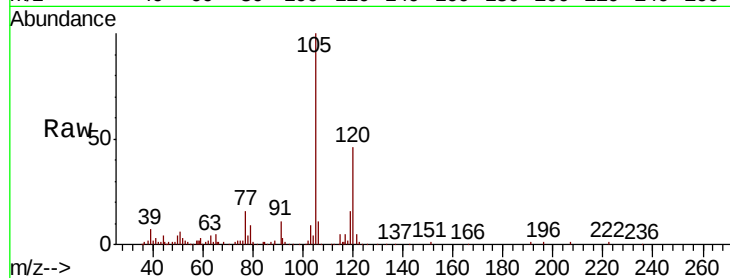
VSTD00164

Tot Ion:105 Resp: 31582

Ion Ratio Lower Upper

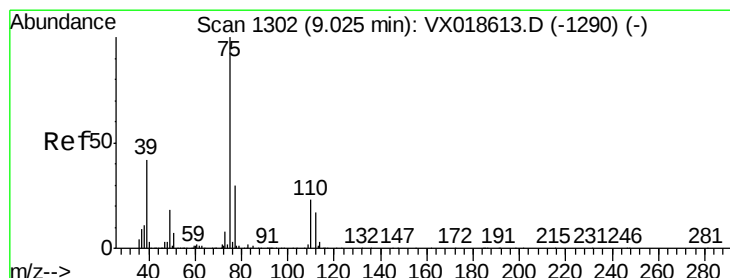
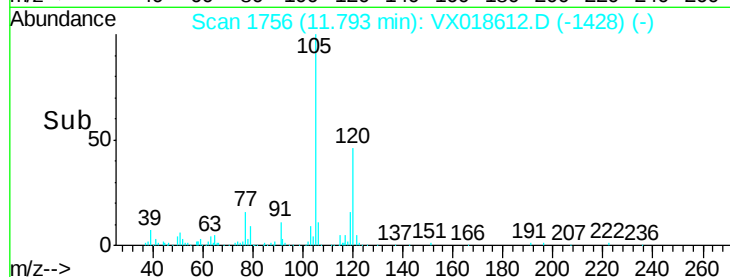
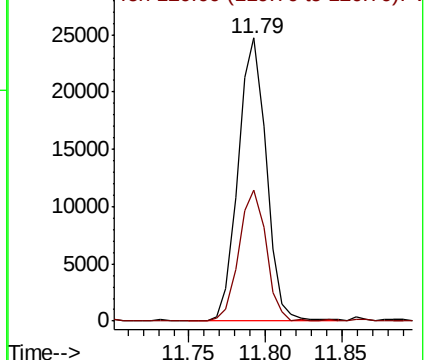
105 100

120 44.9 36.8 55.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 0.877 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018612.D

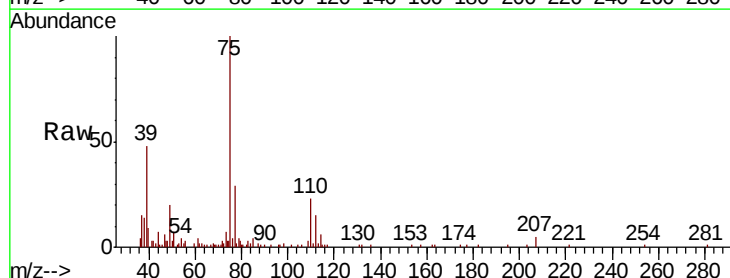
Acq: 28 Sep 2020 11:27

Tgt Ion: 75 Resp: 13731

Ion Ratio Lower Upper

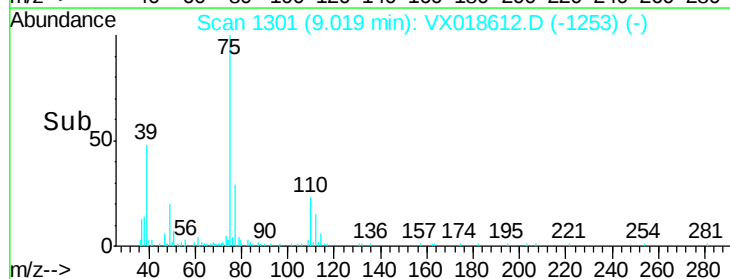
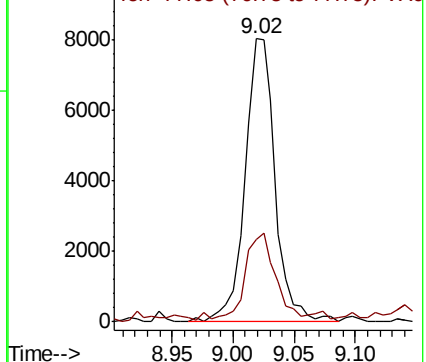
75 100

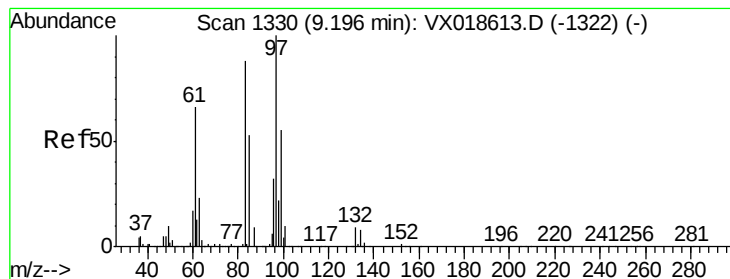
77 29.2 21.2 39.4



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0





#47

1,1,2-Trichloroethane

Concen: 0.913 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD00164

Tot Ion: 97 Resp: 7928

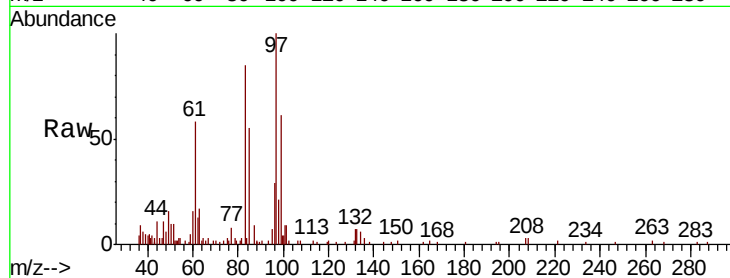
Ion Ratio Lower Upper

97 100

99 60.7 38.9 72.2

83 85.5 61.9 114.9

85 55.0 37.2 69.2

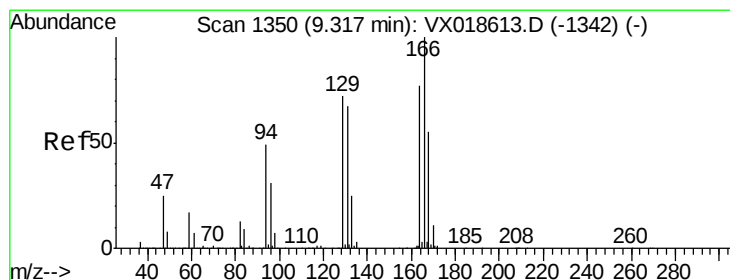
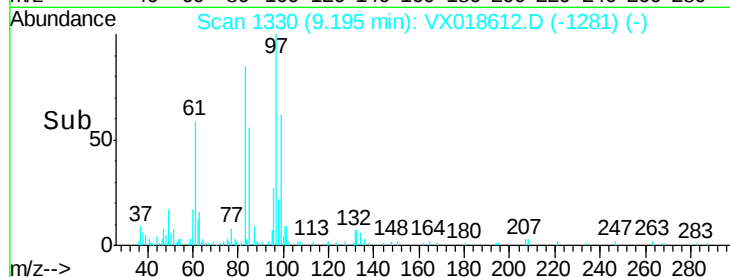
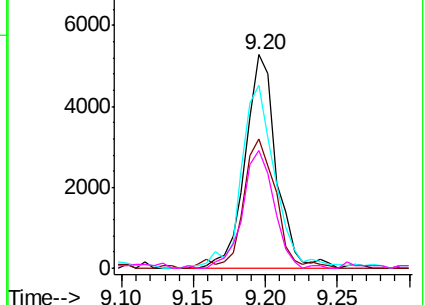


Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0



#49

Tetrachloroethene

Concen: 0.851 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Tgt Ion: 164 Resp: 8799

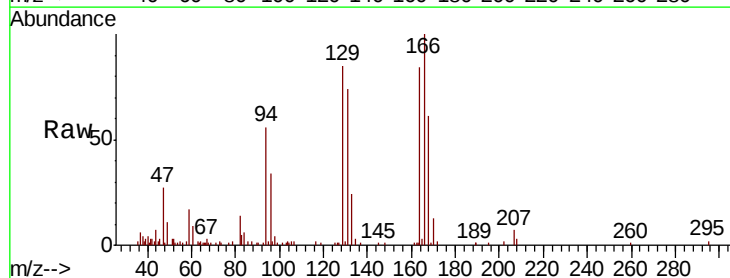
Ion Ratio Lower Upper

164 100

129 102.0 65.9 122.3

131 89.0 61.4 114.0

166 119.6 91.0 169.0

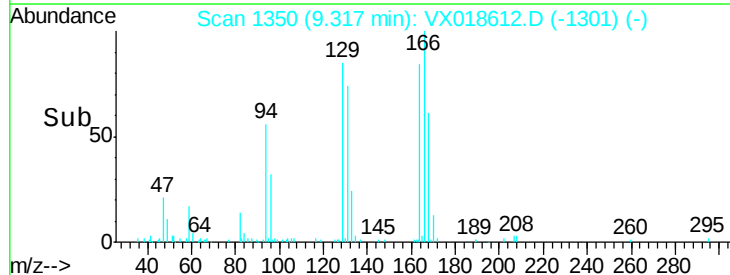
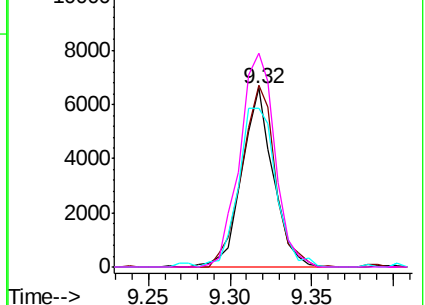


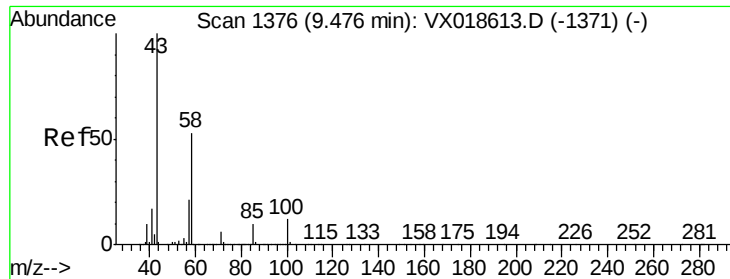
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

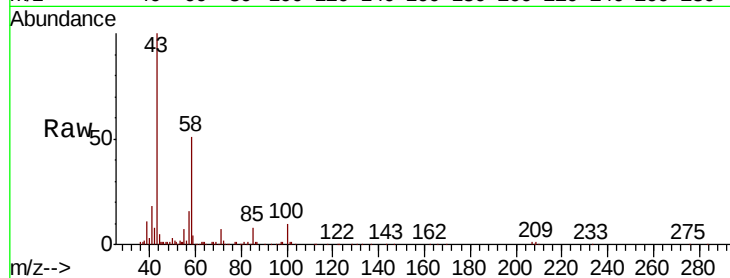




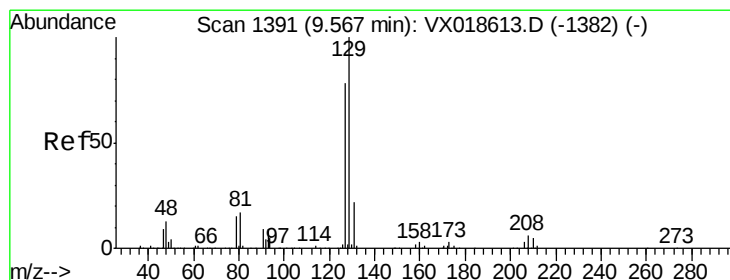
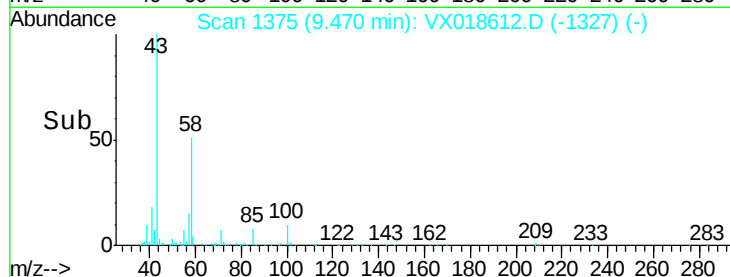
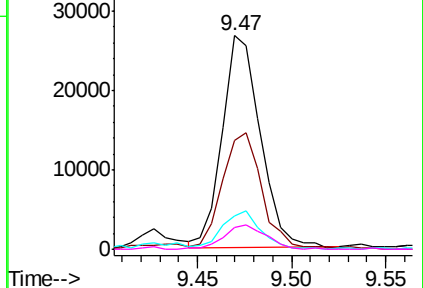
#50
2-Hexanone
Concen: 7.878 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTD00164

Tot Ion:	43	Resp:	37410
Ion	Ratio	Lower	Upper
43	100		
58	58.0	42.5	63.7
57	18.5	15.9	23.9
100	13.0	9.4	14.0

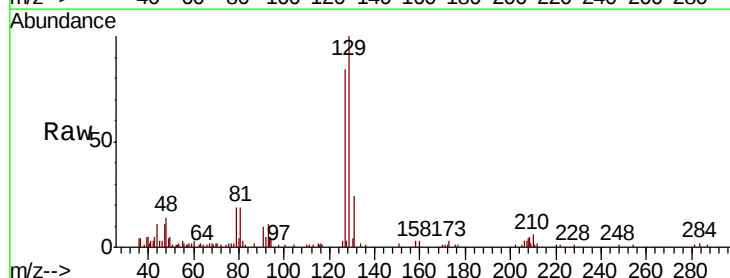


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

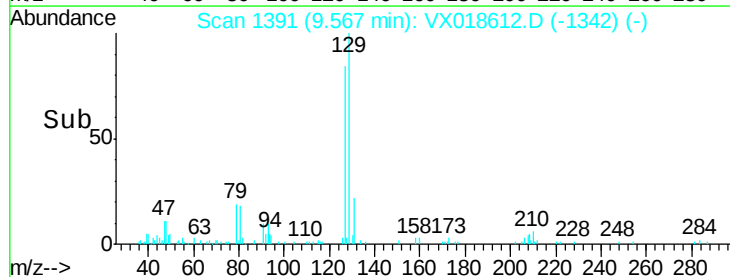
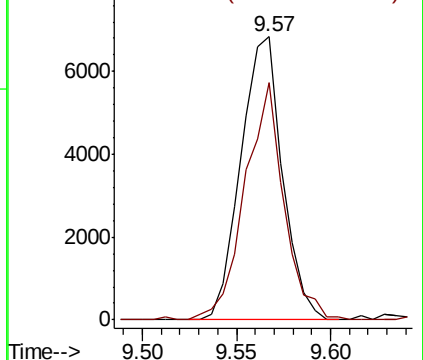


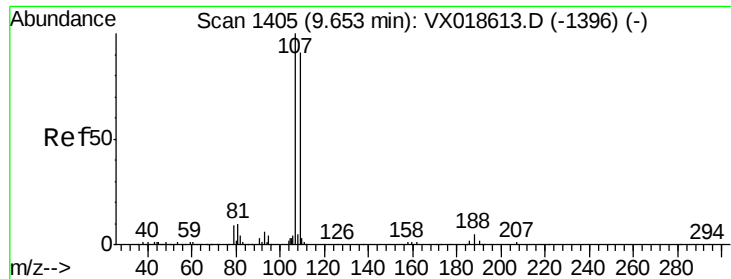
#51
Dibromochloromethane
Concen: 0.923 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

Tgt Ion:	129	Resp:	10489
Ion	Ratio	Lower	Upper
129	100		
127	83.7	55.0	102.2



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#52

1,2-Dibromoethane

Concen: 0.891 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD00164

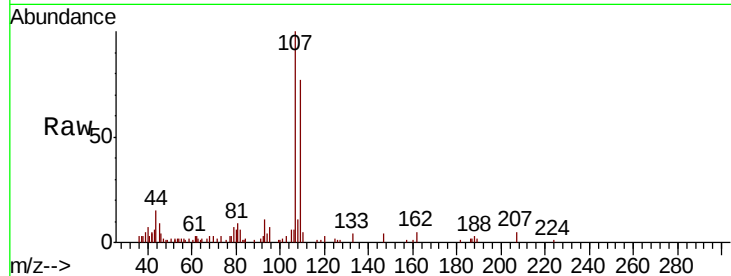
Tot Ion:107 Resp: 7207

Ion Ratio Lower Upper

107 100

109 77.4 63.4 117.8

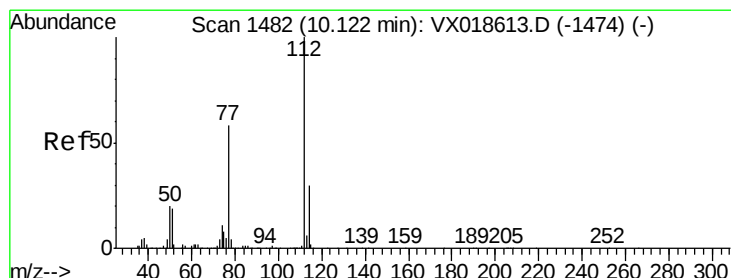
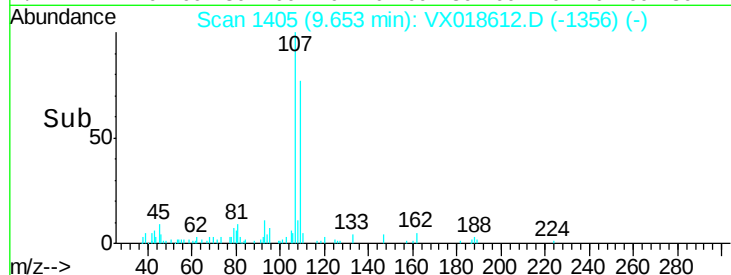
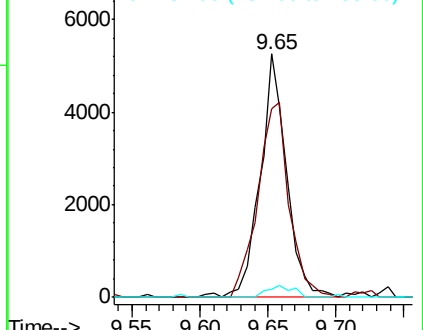
188 3.3 4.1 6.1#



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 0.889 ug/L

RT: 10.12 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

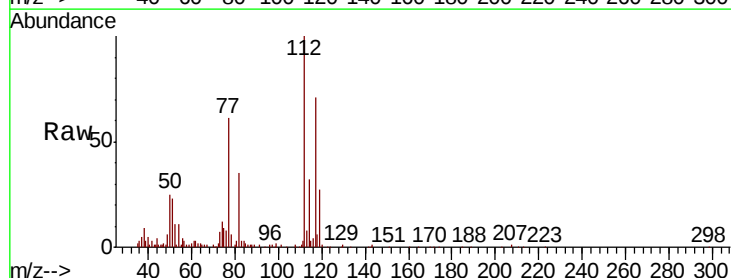
Tgt Ion:112 Resp: 28782

Ion Ratio Lower Upper

112 100

114 31.9 20.6 38.4

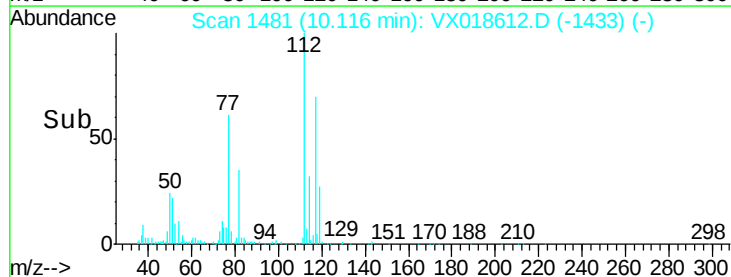
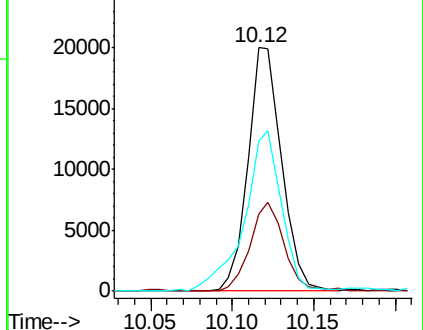
77 61.4 46.6 69.8

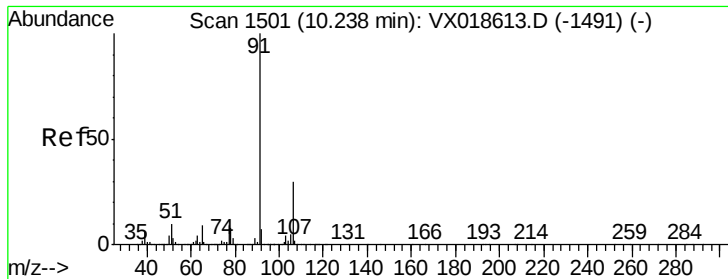


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 0.853 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

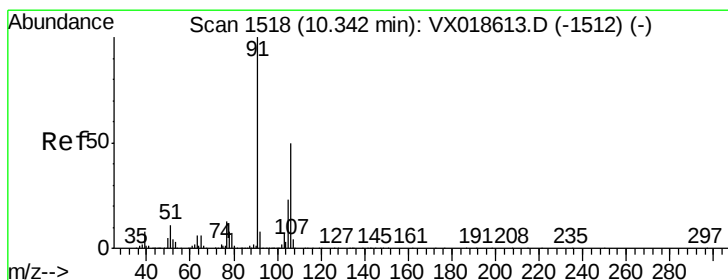
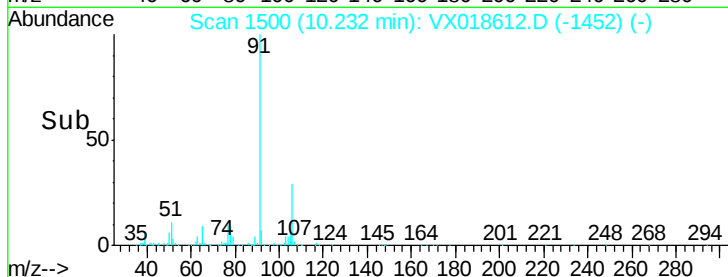
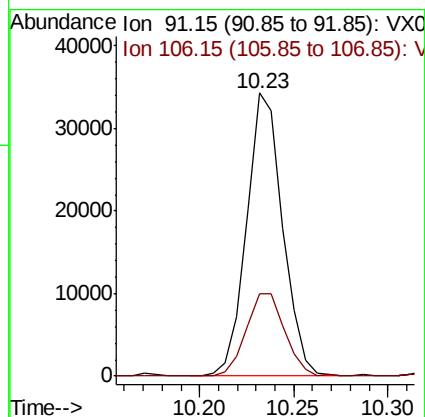
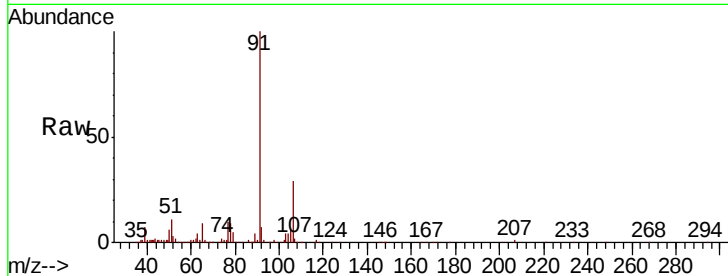
VSTD00164

Tot Ion: 91 Resp: 45550

Ion Ratio Lower Upper

91 100

106 29.3 21.0 39.0



#55

m,p-xylene

Concen: 0.837 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018612.D

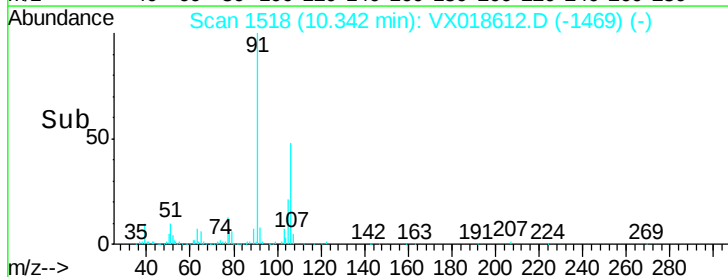
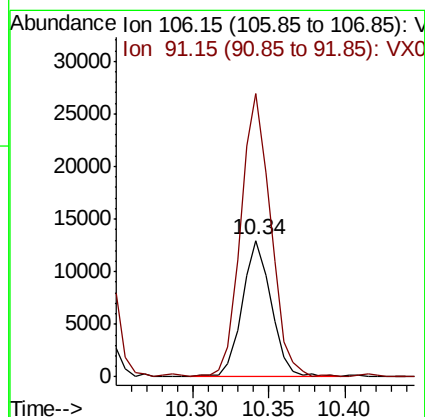
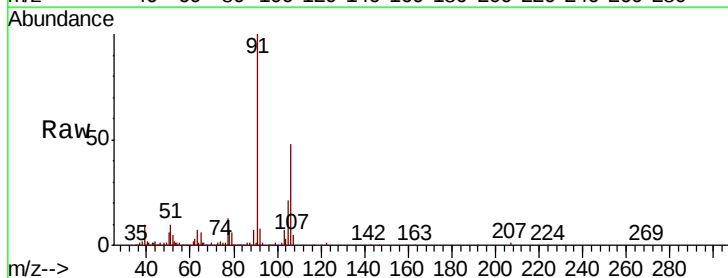
Acq: 28 Sep 2020 11:27

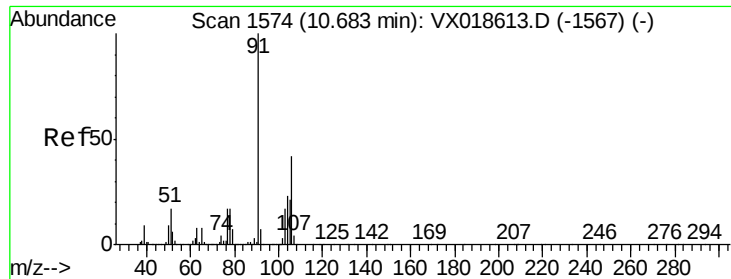
Tgt Ion: 106 Resp: 17076

Ion Ratio Lower Upper

106 100

91 207.0 140.3 260.6

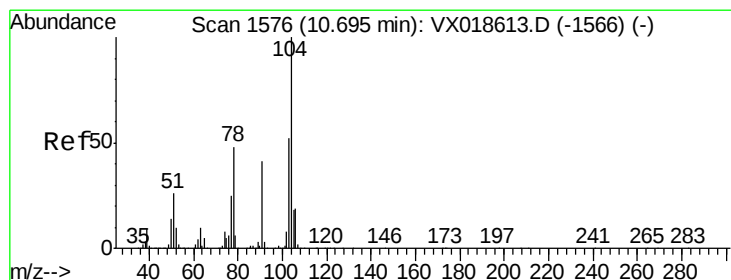
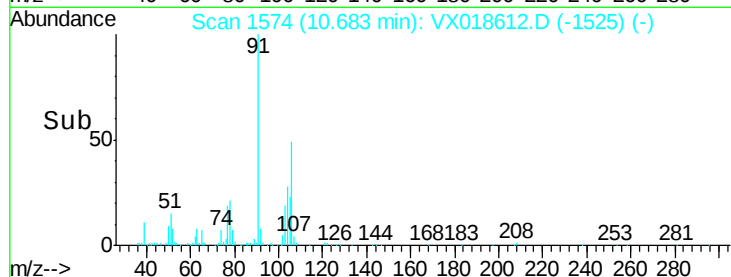
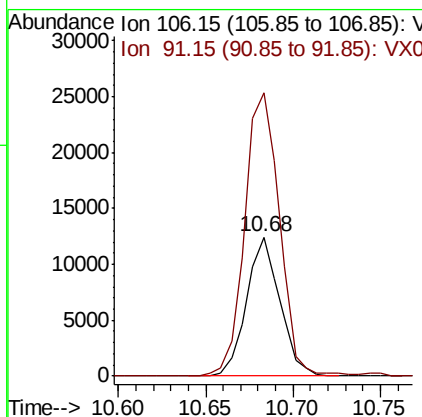
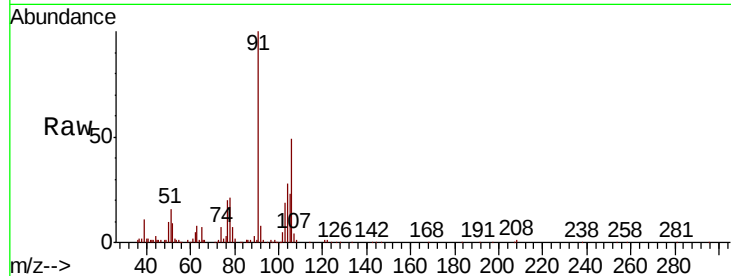




#56
o-xylene
Concen: 0.858 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

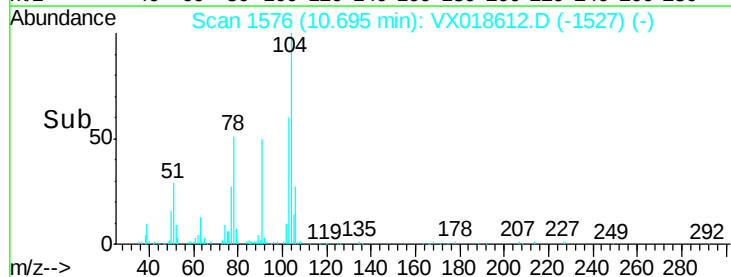
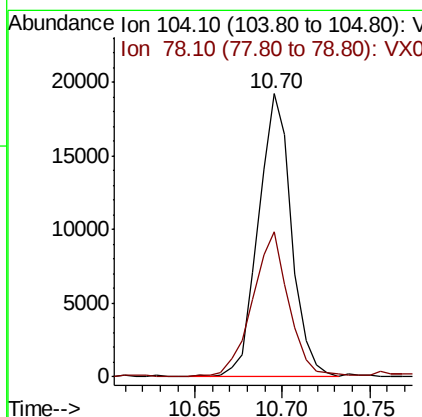
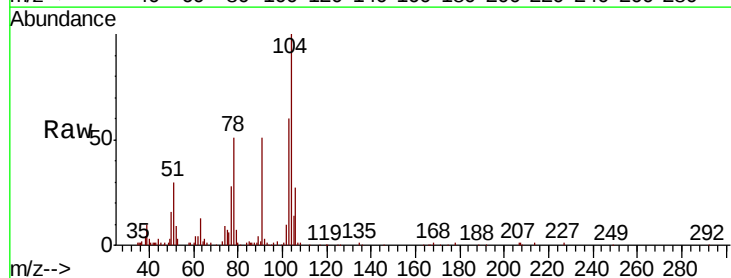
Instrument :
MSVOA_X
ClientSampled :
VSTD00164

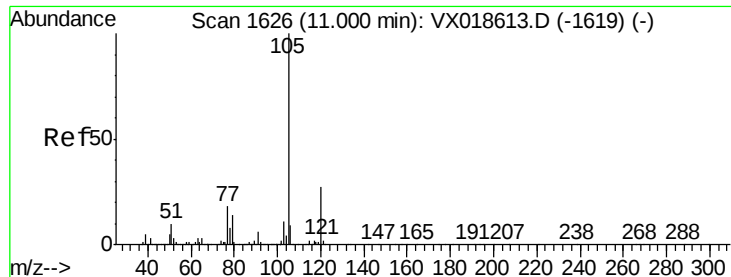
Tot Ion:106 Resp: 16552
Ion Ratio Lower Upper
106 100
91 204.0 167.5 311.1



#57
Styrene
Concen: 0.792 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018612.D
Acq: 28 Sep 2020 11:27

Tgt Ion:104 Resp: 25228
Ion Ratio Lower Upper
104 100
78 51.3 33.3 61.9





#58

Isopropylbenzene

Concen: 0.807 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD00164

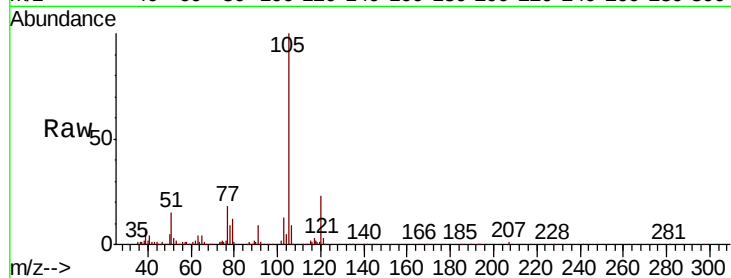
Tot Ion:105 Resp: 41698

Ion Ratio Lower Upper

105 100

120 26.8 21.2 31.8

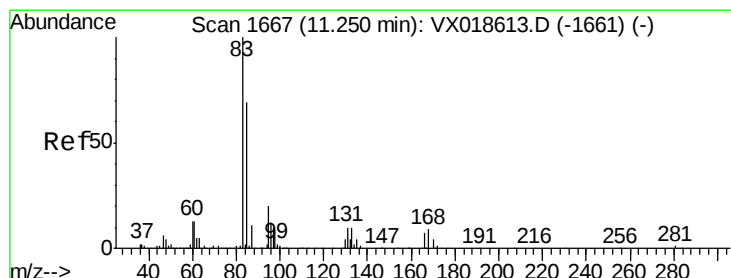
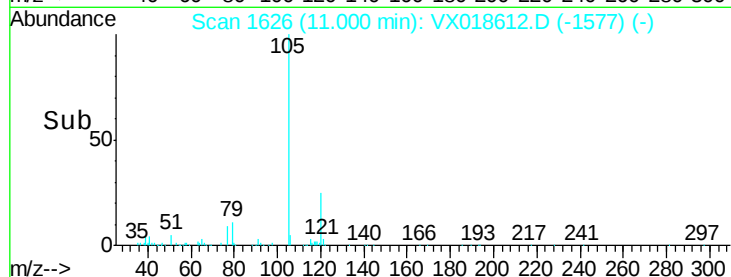
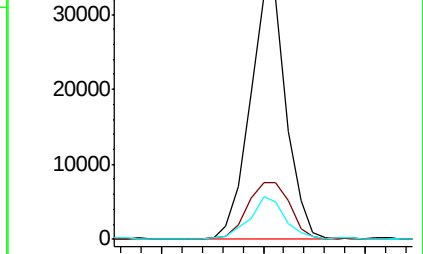
77 16.6 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 0.914 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

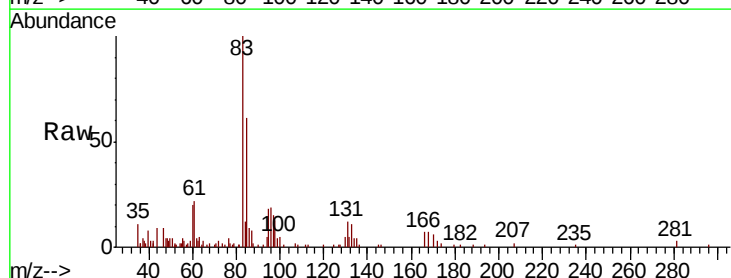
Tgt Ion: 83 Resp: 8966

Ion Ratio Lower Upper

83 100

85 61.2 48.5 90.1

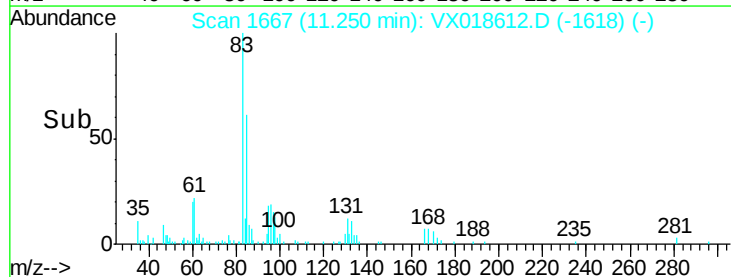
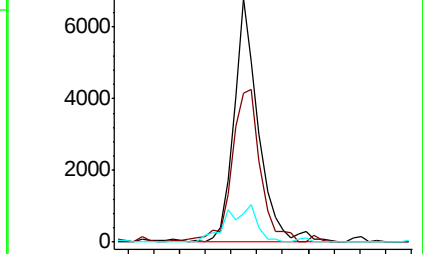
131 11.7 7.8 11.6#

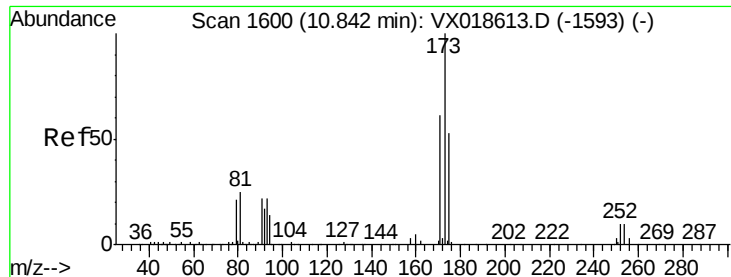


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 0.977 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD00164

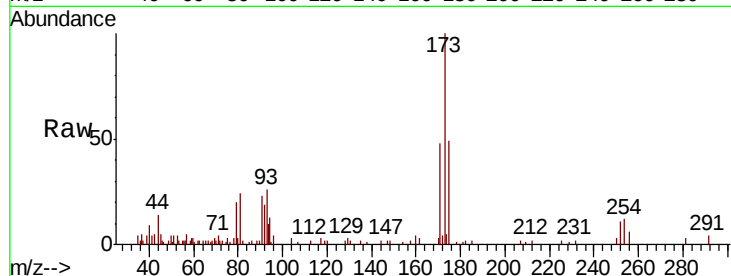
Tot Ion:173 Resp: 6025

Ion Ratio Lower Upper

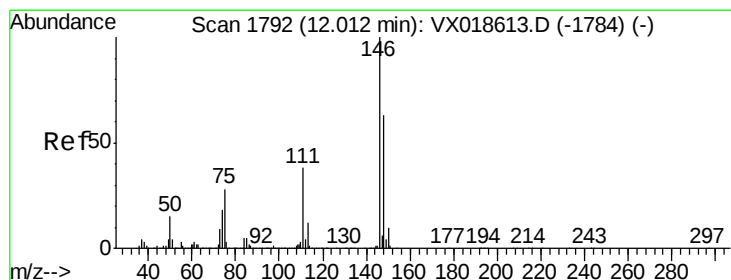
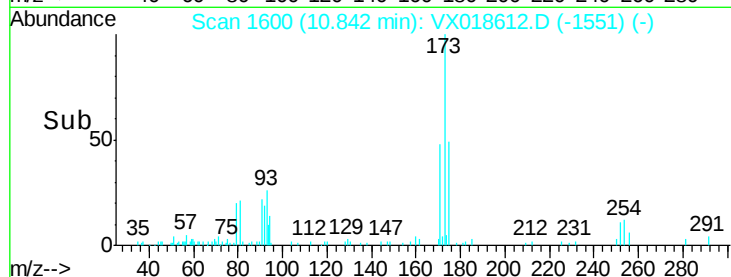
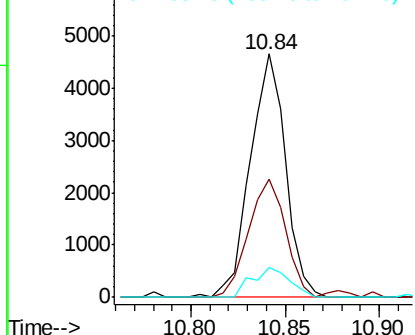
173 100

175 51.3 41.6 62.4

254 13.1 7.7 11.5#



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 0.897 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018612.D

Acq: 28 Sep 2020 11:27

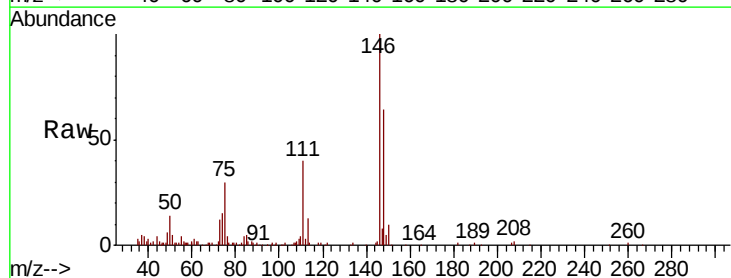
Tgt Ion:146 Resp: 22580

Ion Ratio Lower Upper

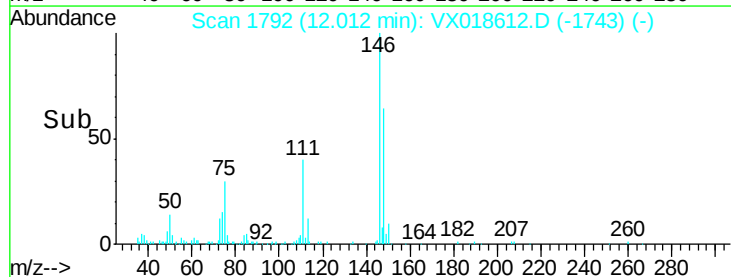
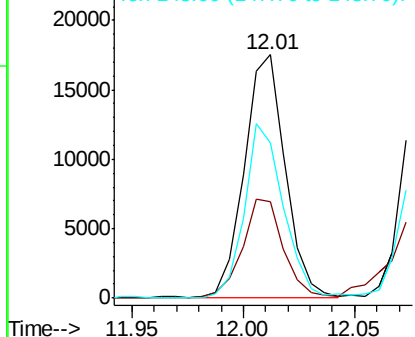
146 100

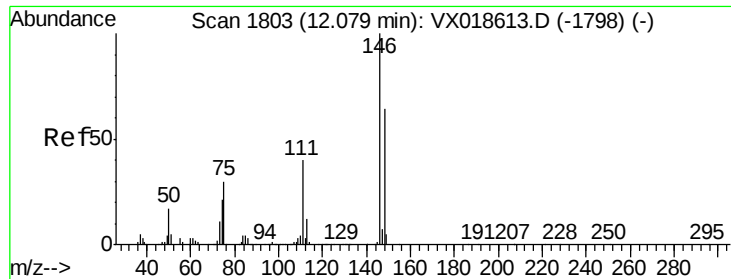
111 39.7 26.7 49.7

148 63.8 44.4 82.5



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

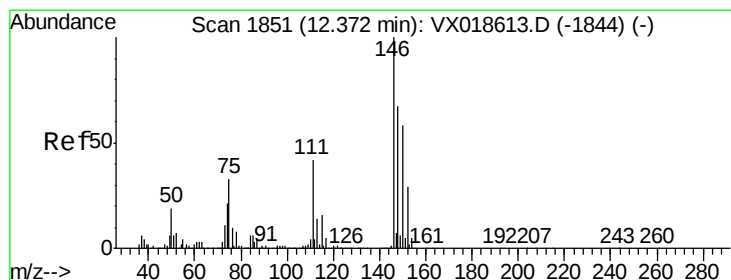
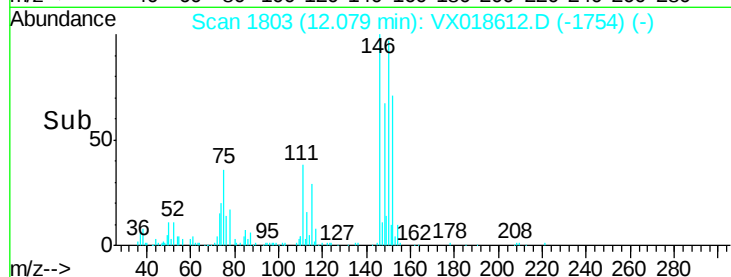
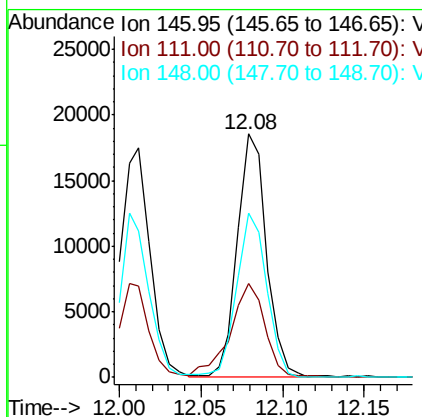
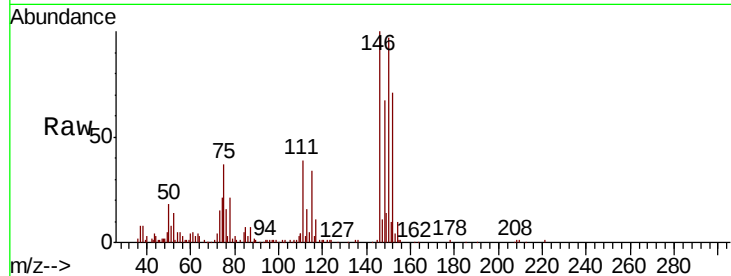




#64
 1,4-Dichlorobenzene
 Concen: 0.916 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

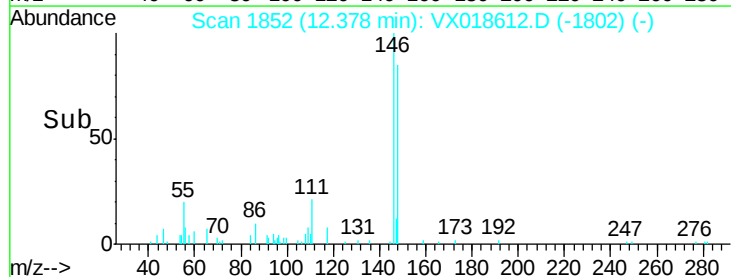
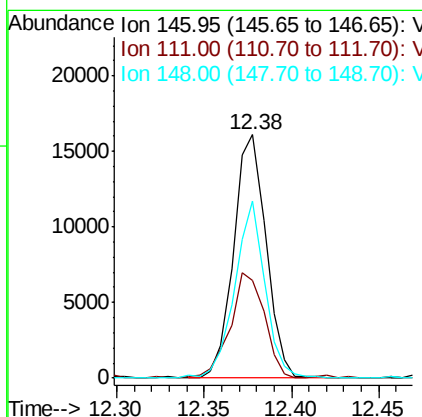
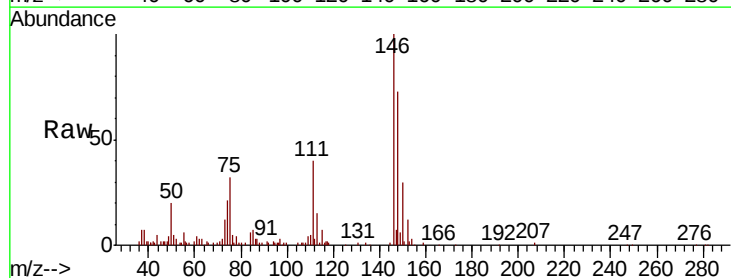
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00164

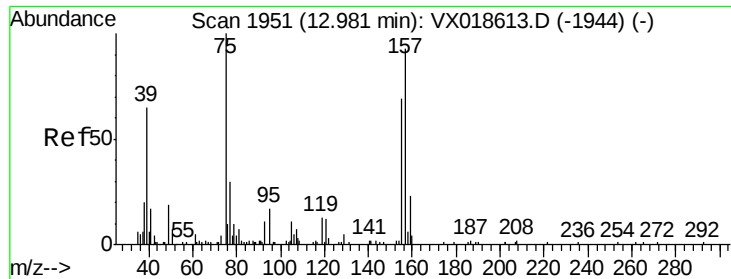
Tot Ion:146 Resp: 23303
 Ion Ratio Lower Upper
 146 100
 111 38.6 28.8 53.4
 148 67.4 44.9 83.3



#66
 1,2-Dichlorobenzene
 Concen: 0.887 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

Tgt Ion:146 Resp: 20808
 Ion Ratio Lower Upper
 146 100
 111 40.2 33.6 50.4
 148 72.9 53.4 80.2

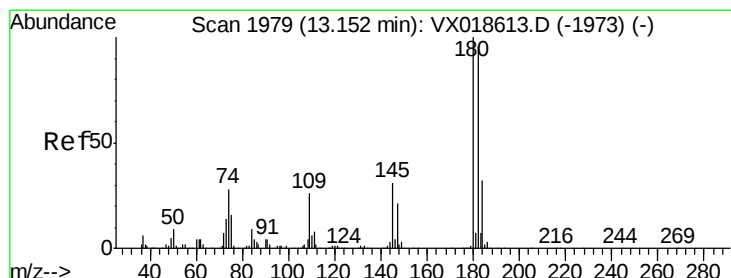
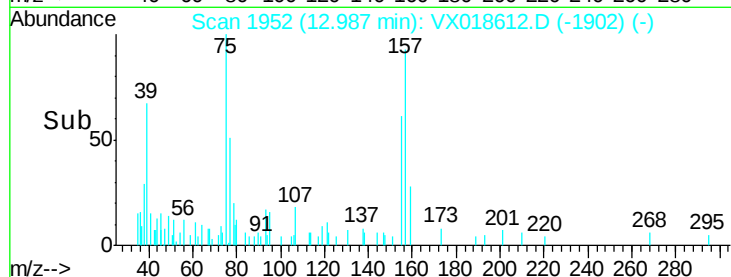
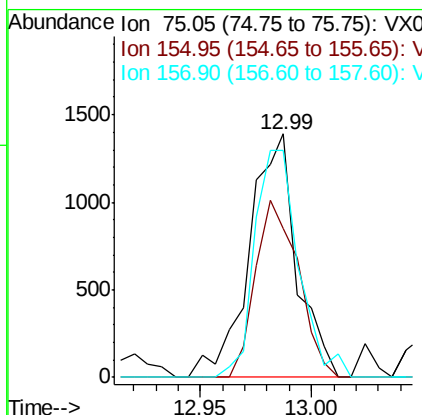
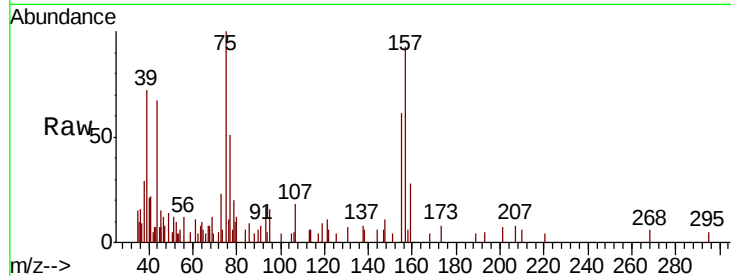




#67
 1,2-Dibromo-3-chloropropane
 Concen: 1.035 ug/L
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

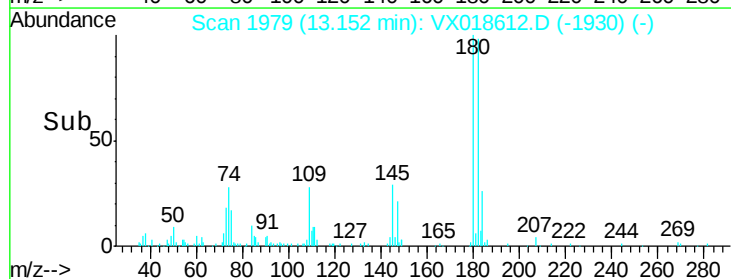
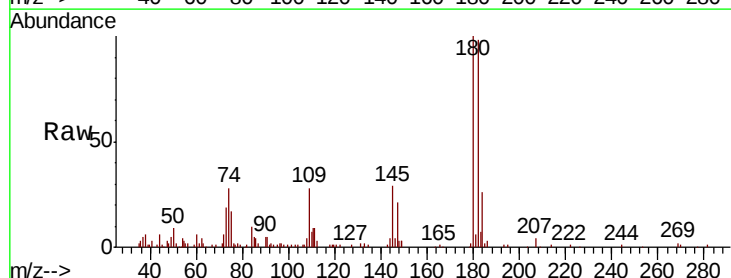
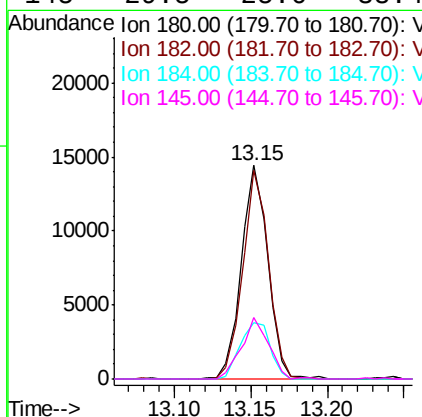
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00164

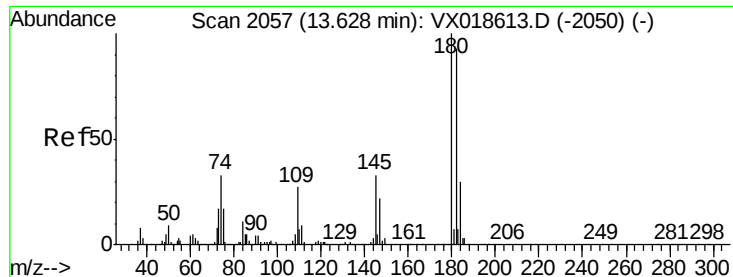
Tot Ion: 75 Resp: 2066
 Ion Ratio Lower Upper
 75 100
 155 60.9 54.6 81.8
 157 93.0 73.5 110.3



#68
 1,3,5-Trichlorobenzene
 Concen: 0.915 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

Tgt Ion: 180 Resp: 17301
 Ion Ratio Lower Upper
 180 100
 182 95.2 72.4 108.6
 184 30.1 25.3 37.9
 145 29.5 25.6 38.4

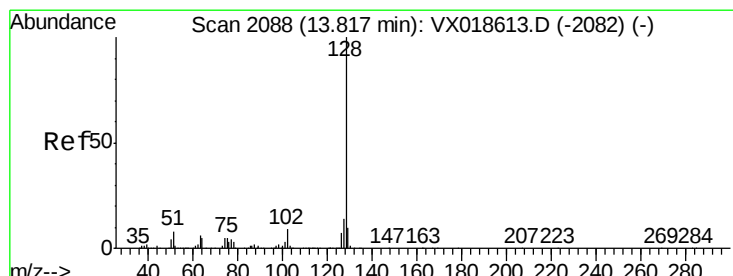
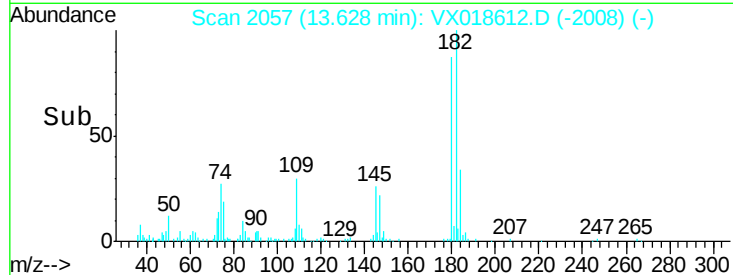
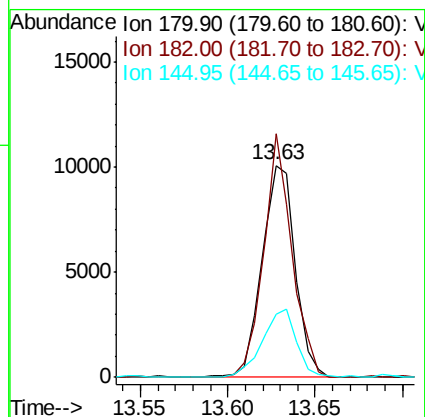
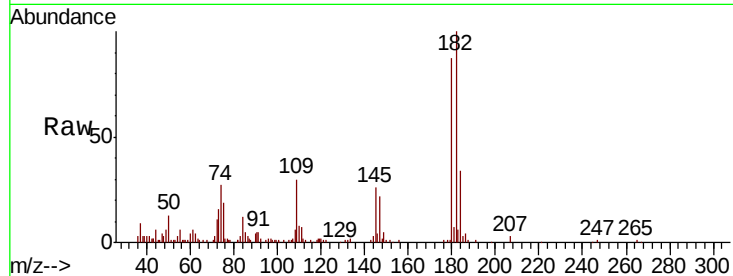




#69
 1,2,4-trichlorobenzene
 Concen: 0.867 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

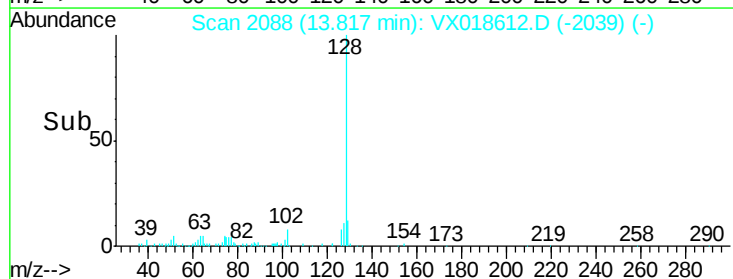
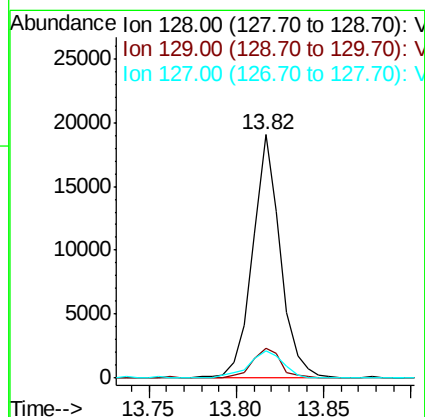
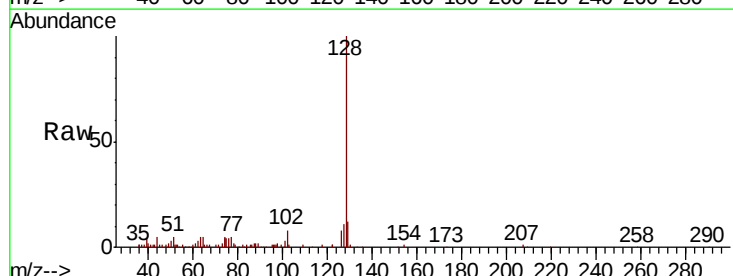
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00164

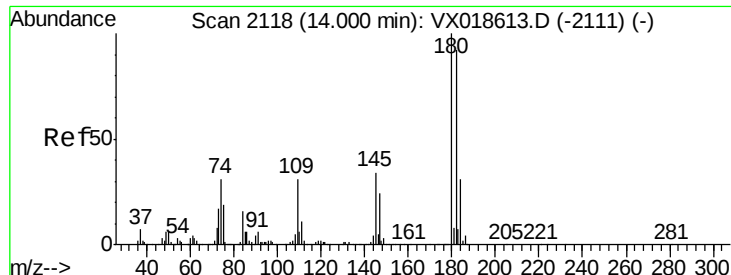
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	74.6	112.0
145	33.2	25.0	37.6



#70
 Naphthalene
 Concen: 0.798 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.8	13.2
127	13.9	10.7	16.1





#71
 1,2,3-Trichlorobenzene
 Concen: 0.886 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX018612.D
 Acq: 28 Sep 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00164

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.8	77.7	116.5
145	35.4	28.6	42.8

