

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090220\
 Data File : VX018206.D
 Acq On : 02 Sep 2020 09:36
 Operator : JC/SP
 Sample : VSTD00531
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00531

Quant Time: Sep 03 04:14:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 04:13:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	623701	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	597954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	296616	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	26936	6.25	ug/L	0.00
7) Chloroethane-d5	1.70	69	20594	4.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	52110	5.86	ug/L	0.00
21) 2-Butanone-d5	4.53	46	33341	7.36	ug/L	0.00
24) Chloroform-d	5.13	84	46005	4.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	37747	5.67	ug/L	0.00
32) Benzene-d6	6.05	84	93265	5.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	28658	5.17	ug/L	0.00
41) Toluene-d8	8.70	98	91263	5.69	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	15095	5.28	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	22118	7.65	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	11.23	84	40799	4.81	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.36	152	32992	5.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	32635	7.325	ug/L 99
3) Chloromethane	1.31	50	28379	6.260	ug/L 99
5) Vinyl chloride	1.39	62	28661	6.295	ug/L 97
6) Bromomethane	1.64	94	14811	4.538	ug/L 91
8) Chloroethane	1.71	64	17676	4.739	ug/L 95
9) Trichlorofluoromethane	1.92	101	48880	6.173	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	25343	6.450	ug/L 98
12) 1,1-Dichloroethene	2.35	96	24164	6.603	ug/L 96
13) Acetone	2.42	43	22036	7.507	ug/L 100
14) Carbon disulfide	2.55	76	78056	6.664	ug/L 99
15) Methyl Acetate	2.75	43	29334	5.365	ug/L 97
16) Methylene chloride	2.83	84	28116	6.429	ug/L 95
17) trans-1,2-Dichloroethene	3.14	96	27166	6.710	ug/L 87
18) Methyl tert-butyl Ether	3.17	73	74011	5.704	ug/L 94
19) 1,1-Dichloroethane	3.67	63	48820	6.269	ug/L 99
20) cis-1,2-Dichloroethene	4.56	96	26270	5.752	ug/L # 90
22) 2-Butanone	4.64	43	34843	8.390	ug/L 93
23) Bromochloromethane	4.98	128	15537	6.687	ug/L 82
25) Chloroform	5.18	83	59117	6.819	ug/L 96
27) 1,2-Dichloroethane	6.16	62	40722	5.704	ug/L # 94
29) Cyclohexane	5.54	56	35818	5.519	ug/L 96
30) 1,1,1-Trichloroethane	5.46	97	49829	6.842	ug/L 98
31) Carbon tetrachloride	5.75	117	44509	7.200	ug/L 98
33) Benzene	6.11	78	100510	6.084	ug/L 100
34) Trichloroethene	7.19	95	28696	6.520	ug/L 93
35) Methylcyclohexane	7.43	83	36406	5.407	ug/L 96
37) 1,2-Dichloropropane	7.49	63	27715	6.221	ug/L 98
38) Bromodichloromethane	7.87	83	38603	6.457	ug/L # 96
39) cis-1,3-Dichloropropene	8.41	75	36432	5.419	ug/L 100
40) 4-Methyl-2-pentanone	8.62	43	64336	8.620	ug/L 98

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 ALS Vial : 2 Sample Multiplier: 1

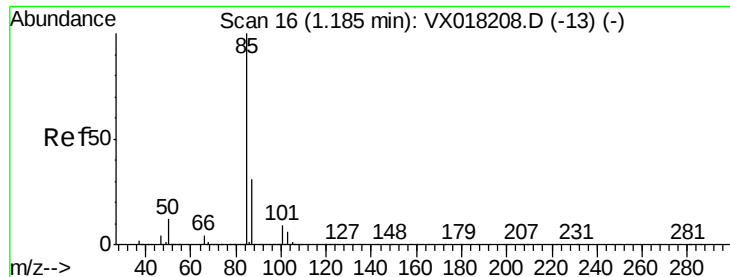
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00531

Quant Time: Sep 03 04:14:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 04:13:16 2020
 Response via : Initial Calibration

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

42) Toluene	8.76	91	101733	5.599	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	39485	5.929	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	27480	6.387	ug/L	96
46) Tetrachloroethene	9.32	164	22611	6.621	ug/L	92
48) 2-Hexanone	9.48	43	53530	8.850	ug/L	96
49) Dibromochloromethane	9.56	129	30703	6.208	ug/L	98
50) 1,2-Dibromoethane	9.65	107	26944	5.703	ug/L #	89
51) Chlorobenzene	10.12	112	72176	6.156	ug/L	98
52) Ethylbenzene	10.24	91	111555	5.564	ug/L	99
53) m,p-Xylene	10.34	106	41317	5.441	ug/L	90
54) o-xylene	10.68	106	38156	5.237	ug/L	100
55) Styrene	10.69	104	65429	5.198	ug/L	96
56) Isopropylbenzene	11.00	105	100561	5.093	ug/L	99
58) 1,1,2,2-Tetrachloroethane	11.25	83	39008	5.160	ug/L	96
59) 1,2,3-Trichloropropane	11.28	75	33291	5.248	ug/L	99
61) Bromoform	10.84	173	23006	6.323	ug/L	96
62) 1,3-Dichlorobenzene	12.01	146	53489	5.779	ug/L	96
63) 1,4-Dichlorobenzene	12.08	146	56737	6.134	ug/L	99
65) 1,2-Dichlorobenzene	12.38	146	52200	5.658	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.99	75	9629	5.397	ug/L #	77
67) 1,3,5-Trichlorobenzene	13.15	180	34262	5.256	ug/L	96
68) 1,2,4-trichlorobenzene	13.63	180	30035	5.419	ug/L	100
69) Naphthalene	13.82	128	82679	4.890	ug/L	98
70) 1,2,3-Trichlorobenzene	14.01	180	30280	5.351	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 7.325 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

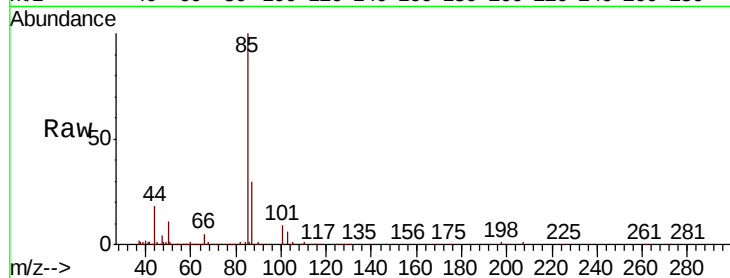
VSTD00531

Tot Ion: 85 Resp: 32635

Ion Ratio Lower Upper

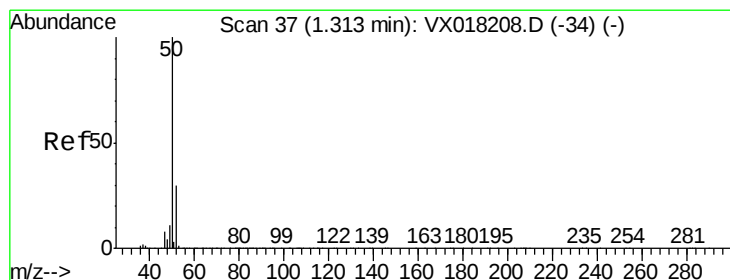
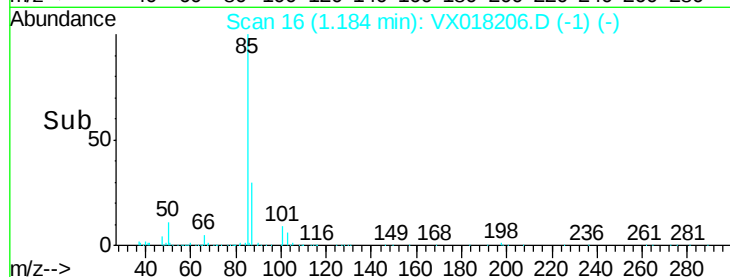
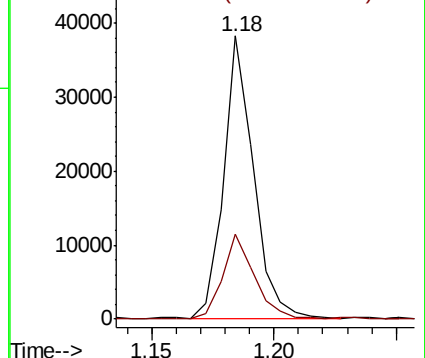
85 100

87 31.8 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 6.260 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018206.D

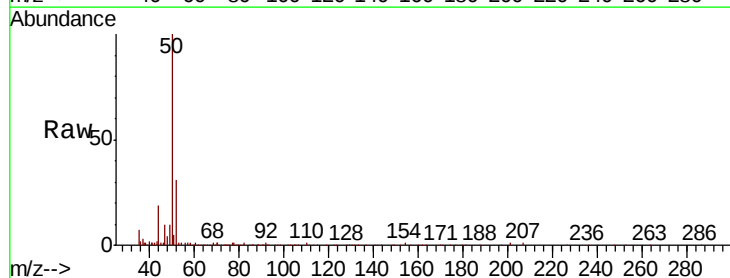
Acq: 02 Sep 2020 09:36

Tgt Ion: 50 Resp: 28379

Ion Ratio Lower Upper

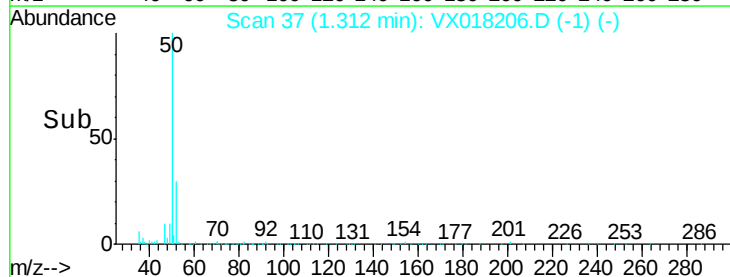
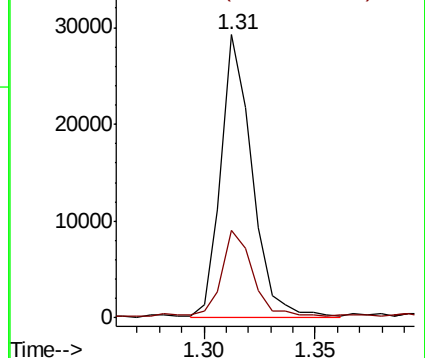
50 100

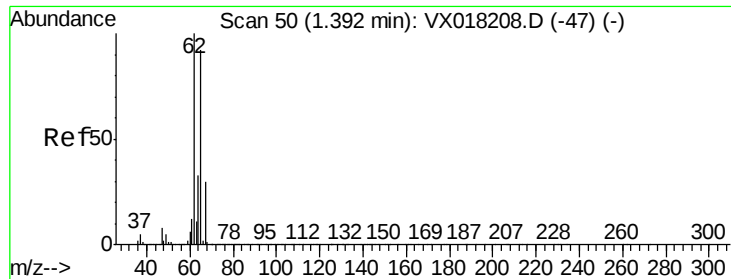
52 30.7 21.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Vinyl chloride

Concen: 6.295 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

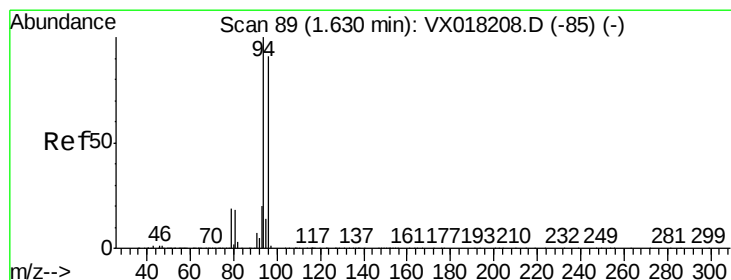
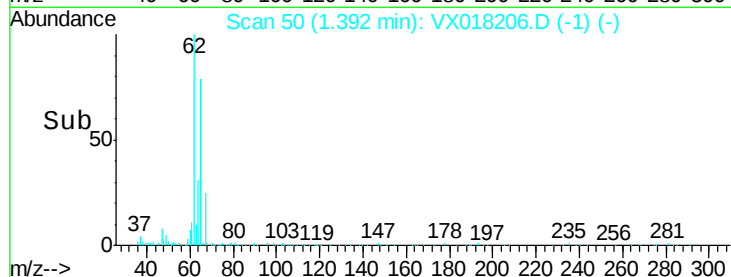
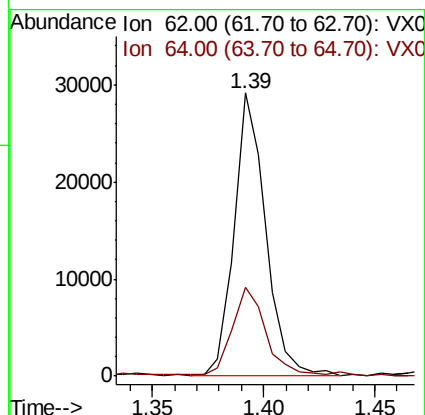
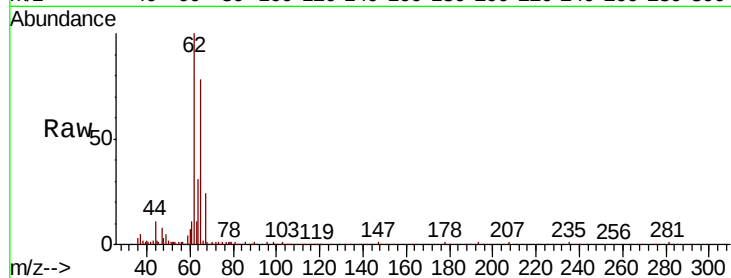
VSTD00531

Tot Ion: 62 Resp: 28661

Ion Ratio Lower Upper

62 100

64 31.4 23.2 43.2



#6

Bromomethane

Concen: 4.538 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018206.D

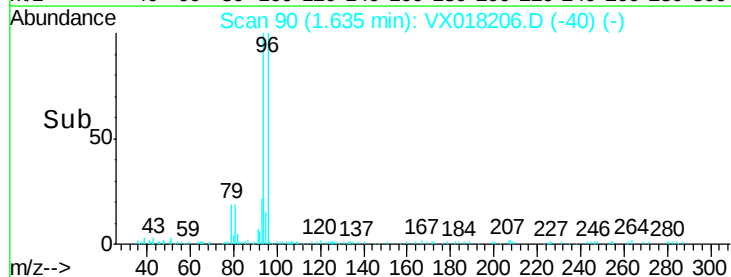
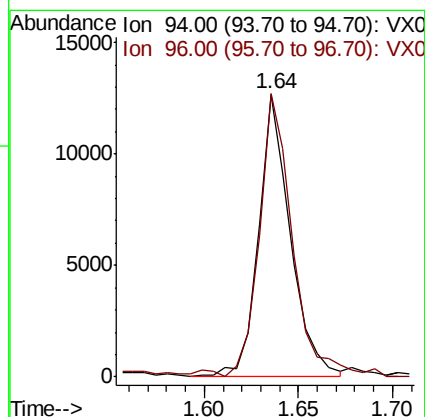
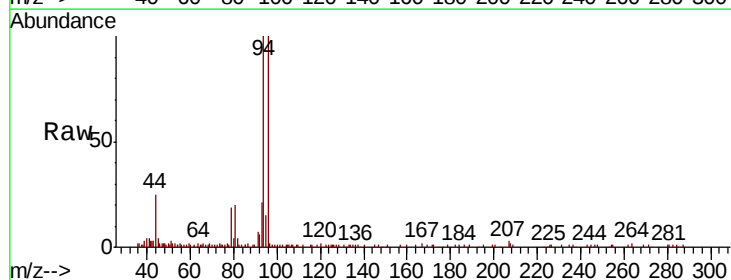
Acq: 02 Sep 2020 09:36

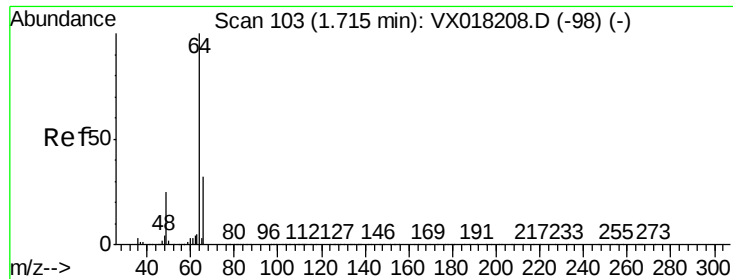
Tgt Ion: 94 Resp: 14811

Ion Ratio Lower Upper

94 100

96 100.2 63.9 118.7

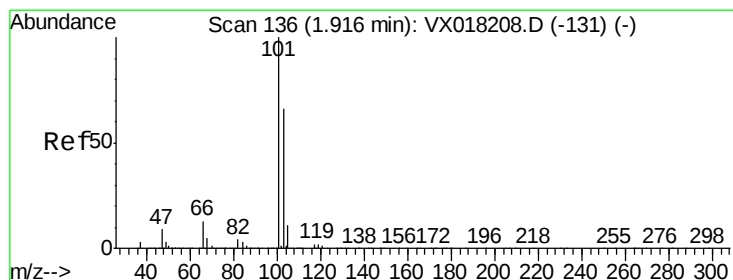
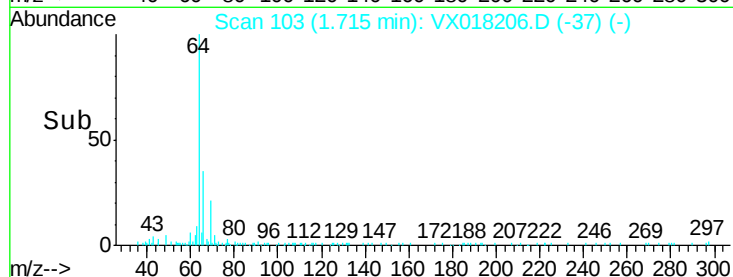
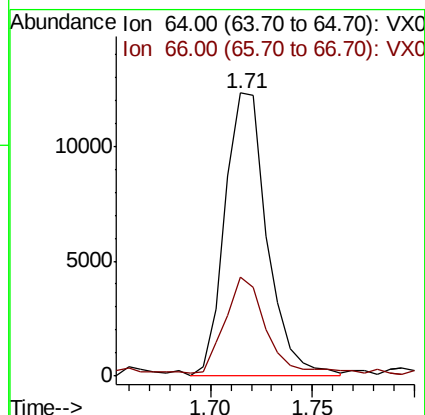
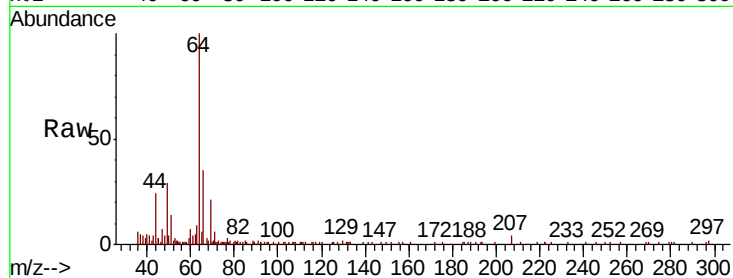




#8
Chloroethane
Concen: 4.739 ug/L
RT: 1.71 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX018206.D
Acq: 02 Sep 2020 09:36

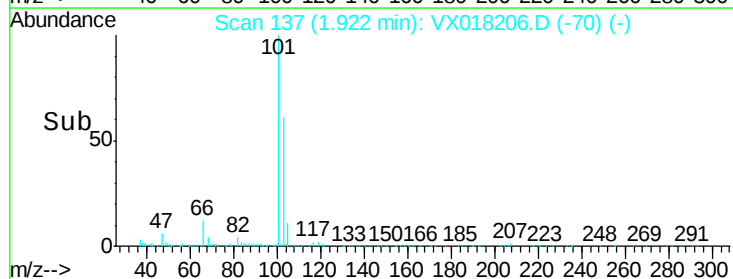
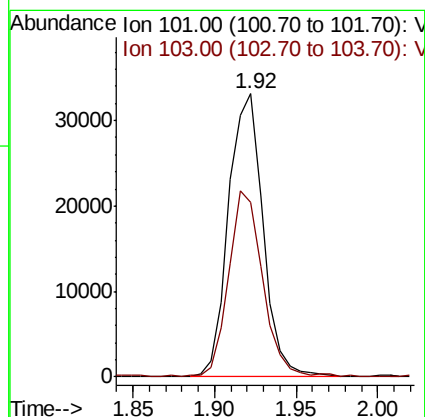
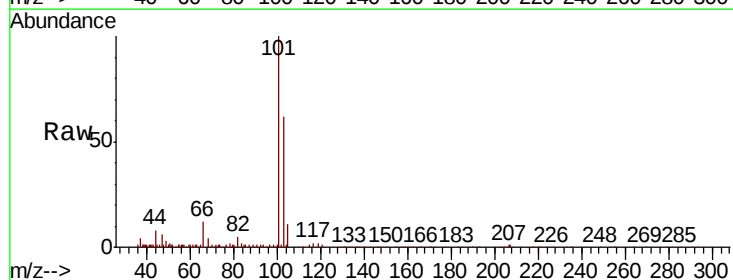
Instrument :
MSVOA_X
ClientSampled :
VSTD00531

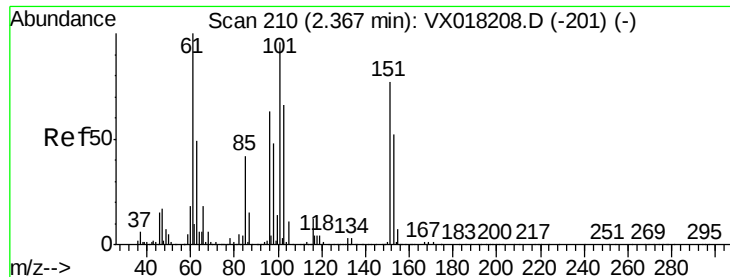
Tot Ion: 64 Resp: 17676
Ion Ratio Lower Upper
64 100
66 34.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 6.173 ug/L
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018206.D
Acq: 02 Sep 2020 09:36

Tgt Ion: 101 Resp: 48880
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2





#10

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

Concen: 6.450 ug/L

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTD00531

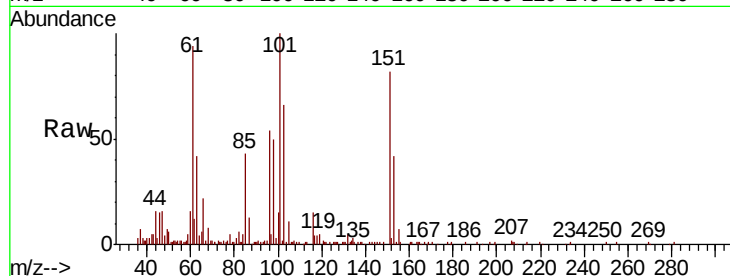
Tot Ion:101 Resp: 25343

Ion Ratio Lower Upper

101 100

85 48.4 35.8 53.6

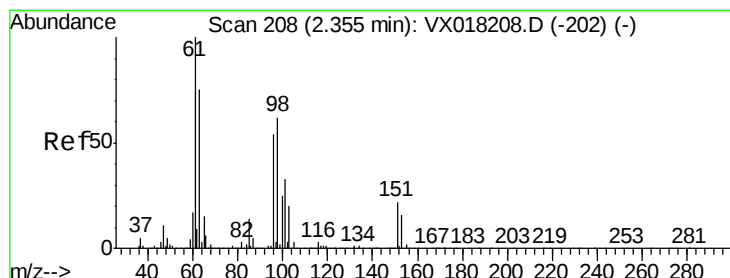
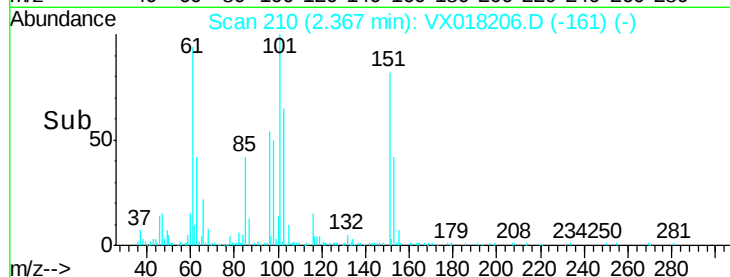
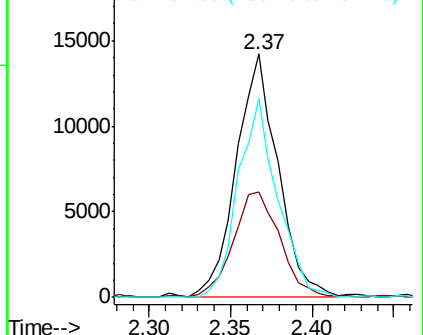
151 77.4 61.6 92.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 6.603 ug/L

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

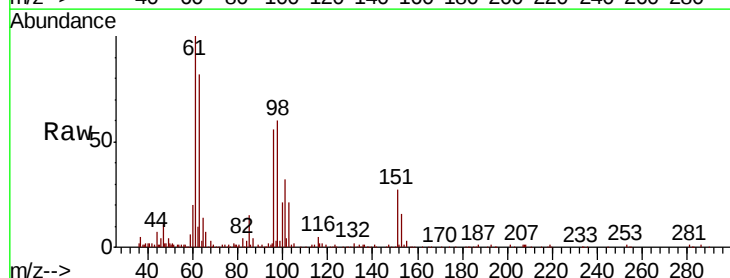
Tgt Ion: 96 Resp: 24164

Ion Ratio Lower Upper

96 100

61 177.3 130.5 242.5

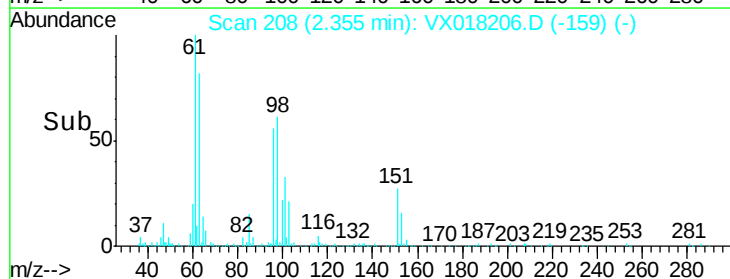
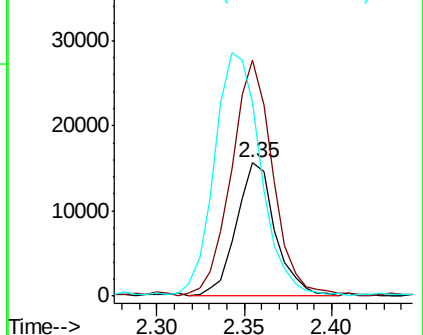
63 145.6 103.0 191.2

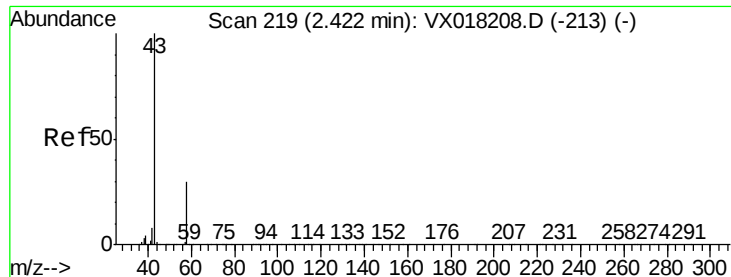


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 7.507 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

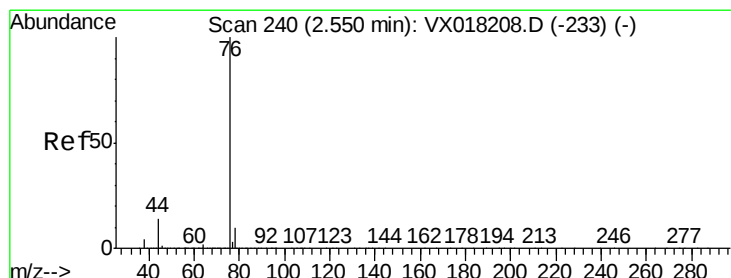
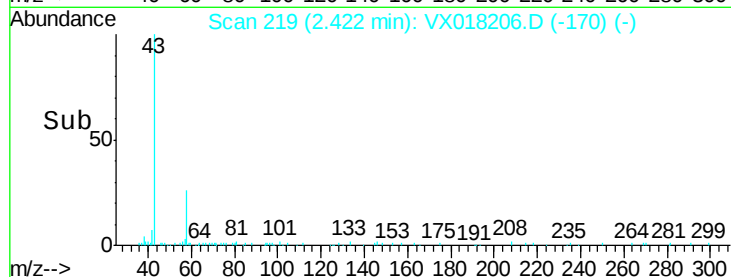
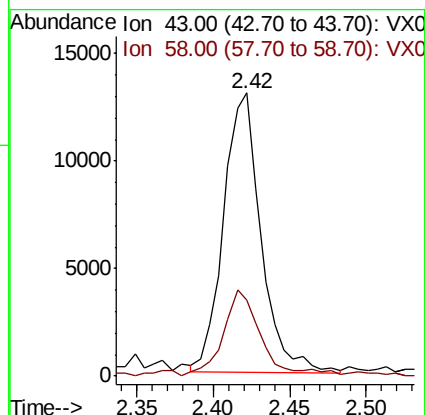
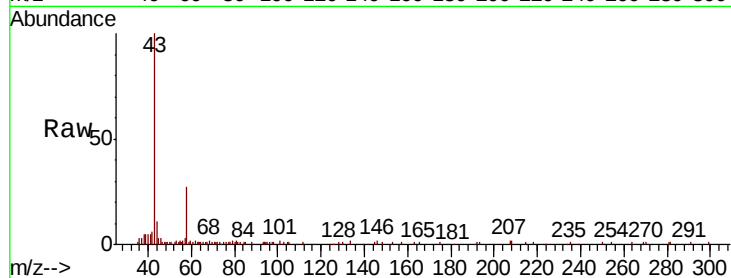
VSTD00531

Tot Ion: 43 Resp: 22036

Ion Ratio Lower Upper

43 100

58 29.8 0.0 59.2



#14

Carbon disulfide

Concen: 6.664 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018206.D

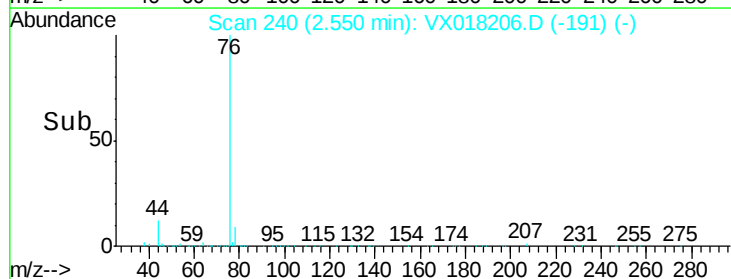
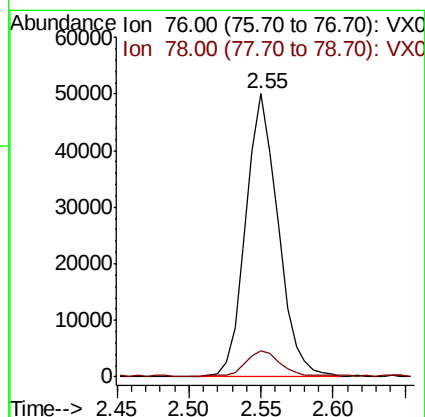
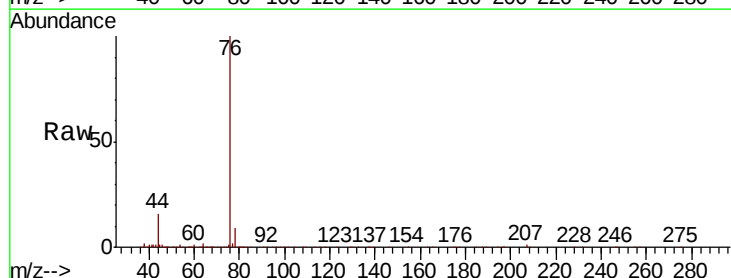
Acq: 02 Sep 2020 09:36

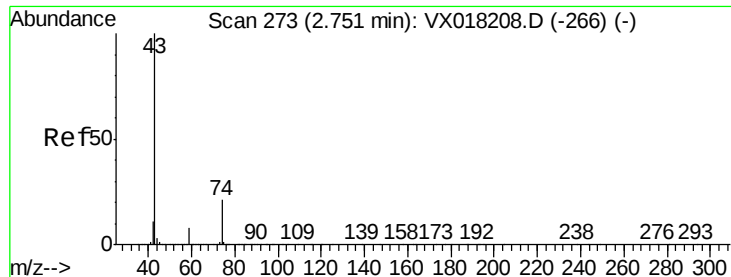
Tgt Ion: 76 Resp: 78056

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

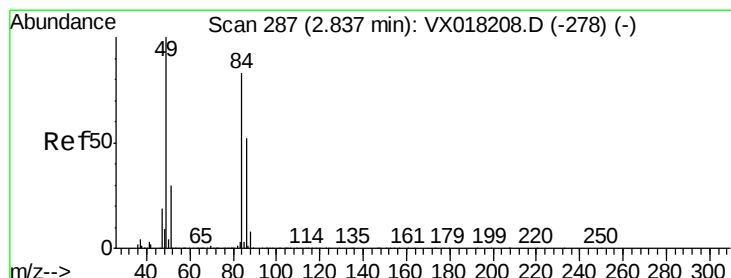
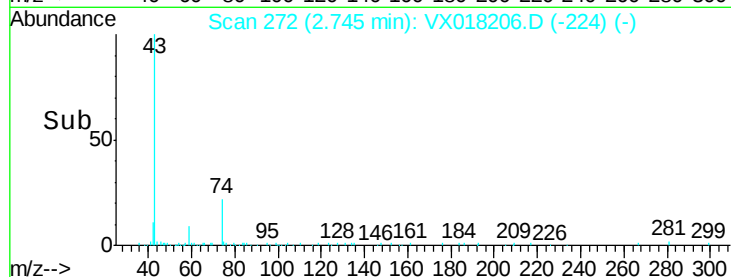
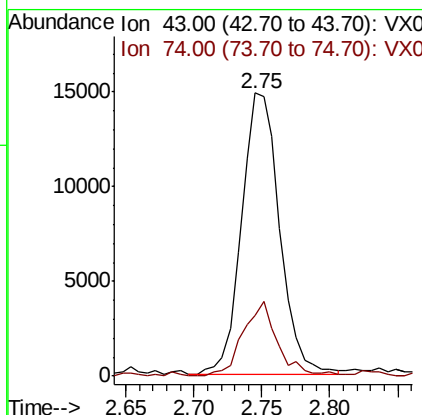
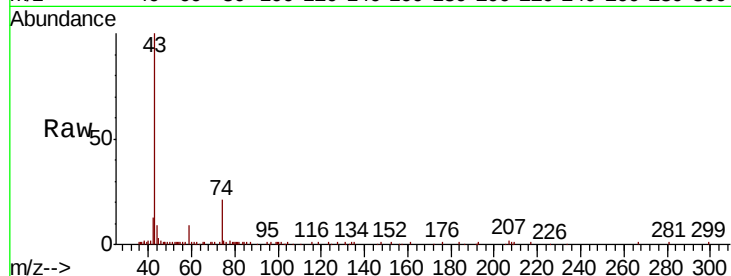




#15
Methyl Acetate
Concen: 5.365 ug/L
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018206.D
Acq: 02 Sep 2020 09:36

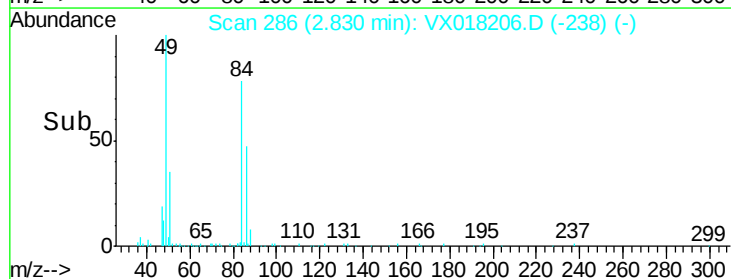
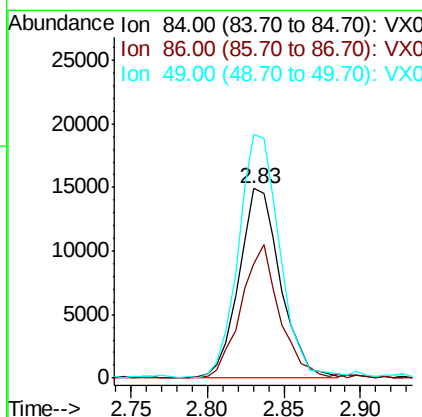
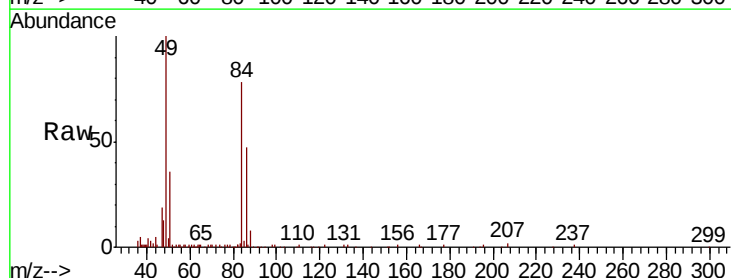
Instrument :
MSVOA_X
ClientSampled :
VSTD00531

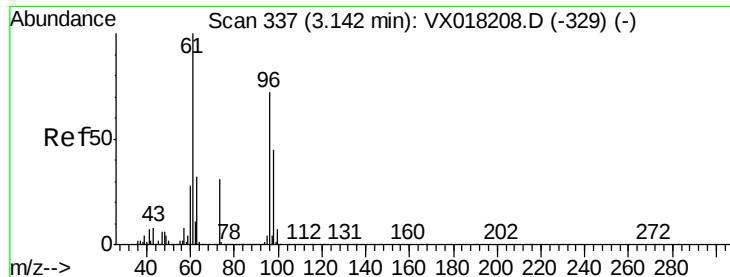
Tot Ion: 43 Resp: 29334
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8



#16
Methylene chloride
Concen: 6.429 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018206.D
Acq: 02 Sep 2020 09:36

Tgt Ion: 84 Resp: 28116
Ion Ratio Lower Upper
84 100
86 60.3 43.6 81.0
49 128.4 84.5 156.9





#17

trans-1,2-Dichloroethene

Concen: 6.710 ug/L

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTD00531

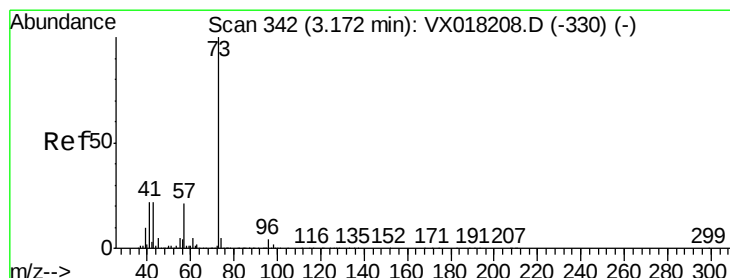
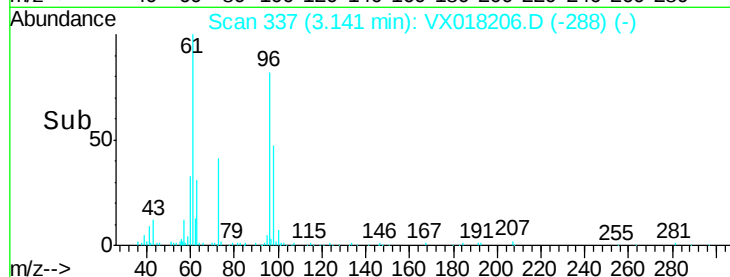
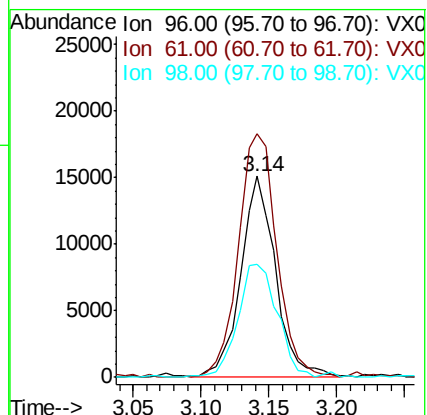
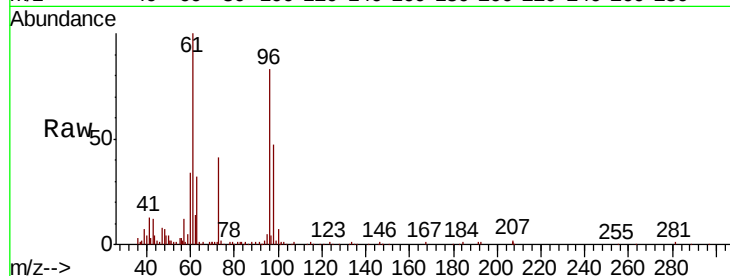
Tot Ion: 96 Resp: 27166

Ion Ratio Lower Upper

96 100

61 121.1 97.1 180.3

98 56.4 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 5.704 ug/L

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

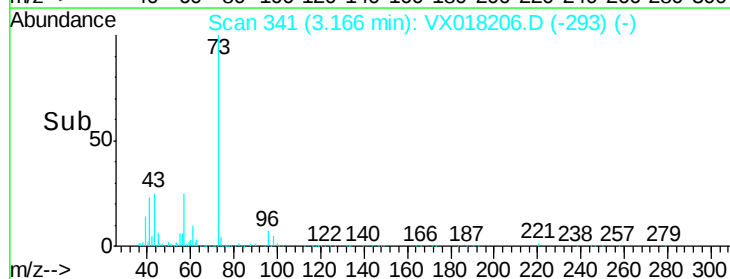
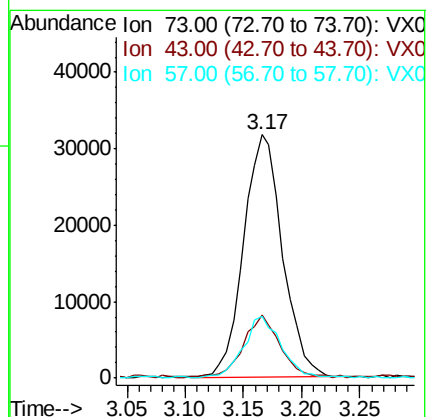
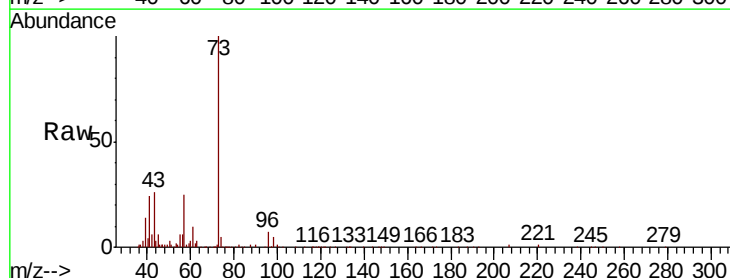
Tgt Ion: 73 Resp: 74011

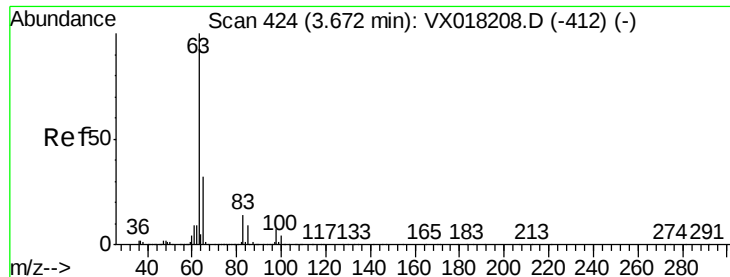
Ion Ratio Lower Upper

73 100

43 24.4 17.4 26.2

57 24.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 6.269 ug/L

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampled :

VSTD00531

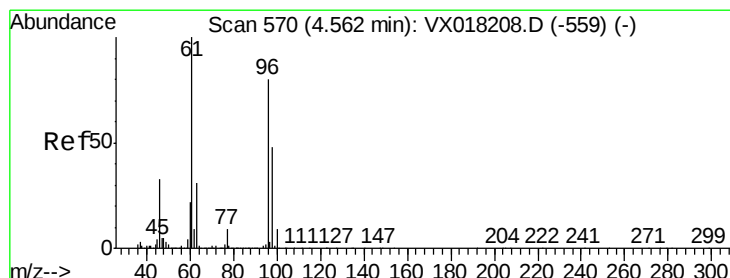
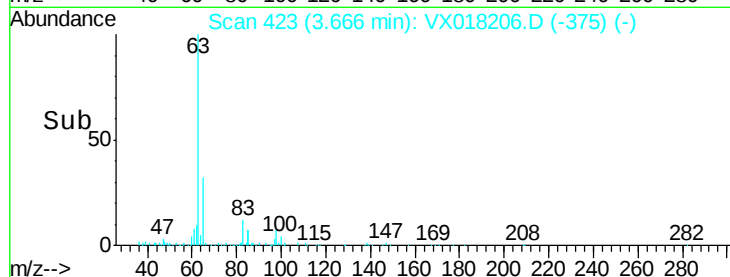
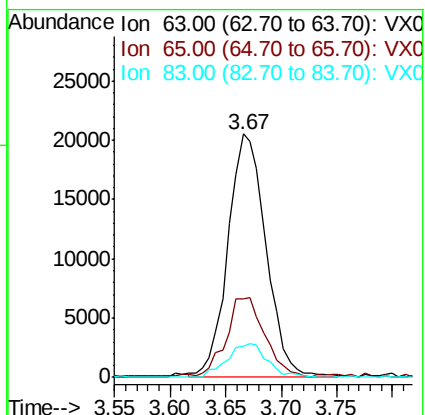
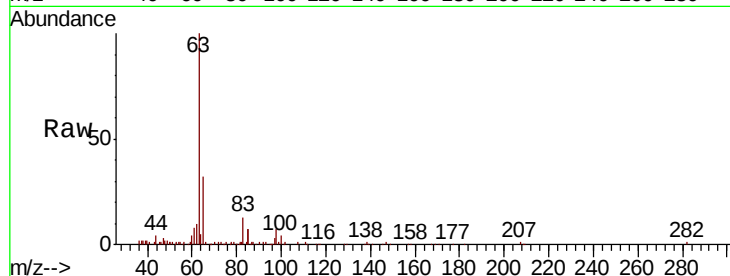
Tot Ion: 63 Resp: 48820

Ion Ratio Lower Upper

63 100

65 32.3 22.7 42.3

83 12.8 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 5.752 ug/L

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

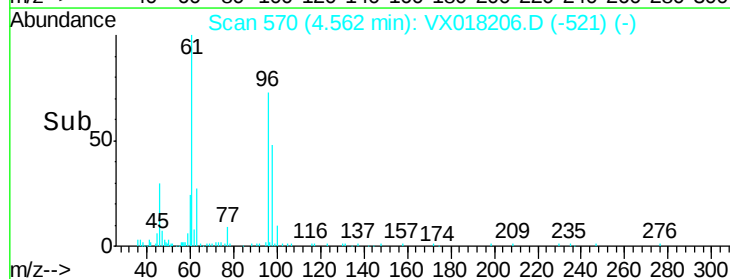
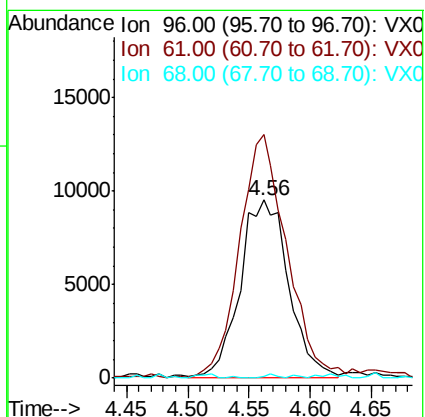
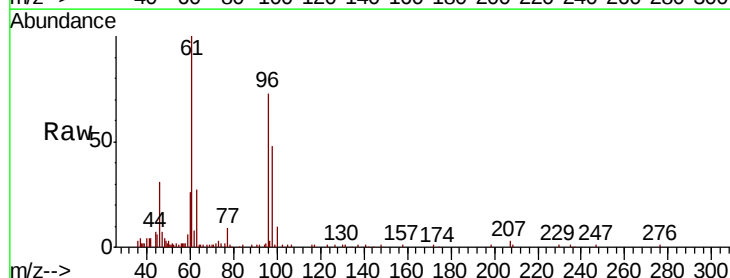
Tgt Ion: 96 Resp: 26270

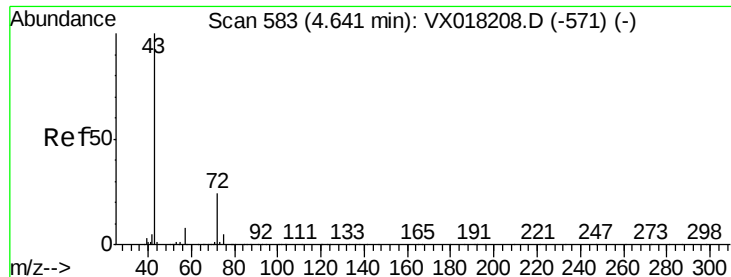
Ion Ratio Lower Upper

96 100

61 136.9 88.0 163.4

68 1.0 0.1 0.1#

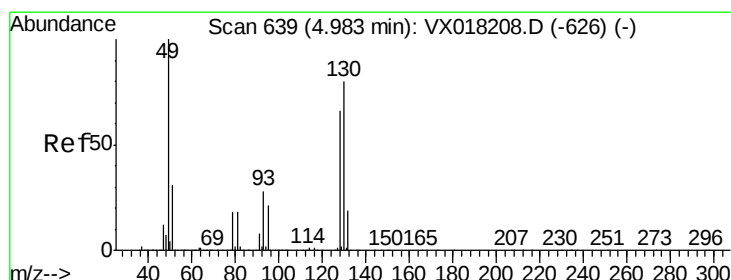
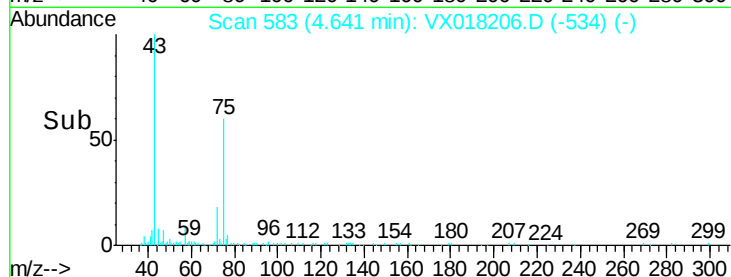
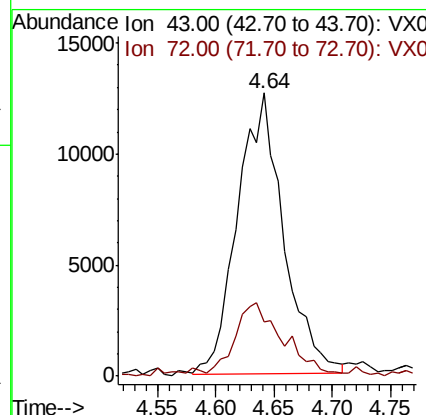
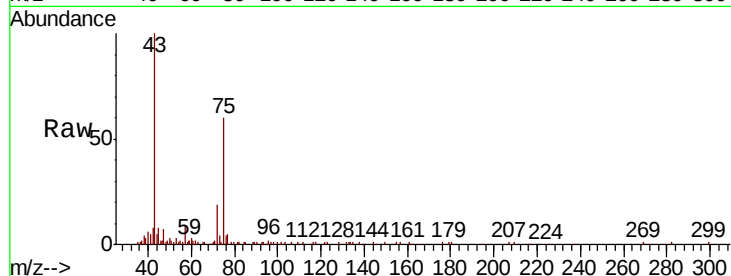




#22
2-Butanone
Concen: 8.390 ug/L
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX018206.D
Acq: 02 Sep 2020 09:36

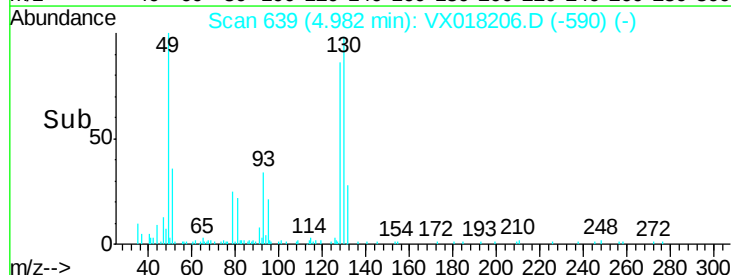
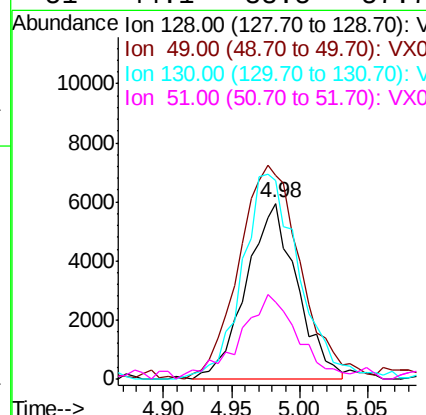
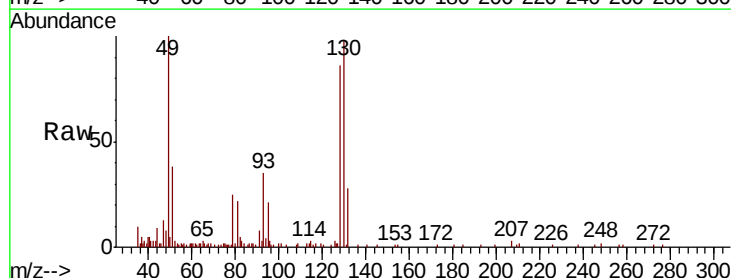
Instrument :
MSVOA_X
ClientSampleId :
VSTD00531

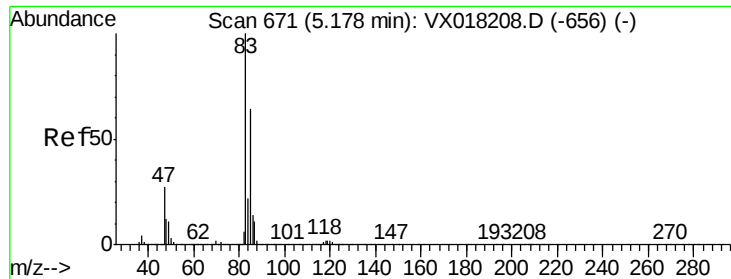
Tot Ion: 43 Resp: 34843
Ion Ratio Lower Upper
43 100
72 21.7 12.7 38.1



#23
Bromochloromethane
Concen: 6.687 ug/L
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018206.D
Acq: 02 Sep 2020 09:36

Tgt Ion: 128 Resp: 15537
Ion Ratio Lower Upper
128 100
49 115.7 106.8 198.4
130 112.9 85.3 158.5
51 44.1 38.5 57.7





#25

Chloroform

Concen: 6.819 ug/L

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

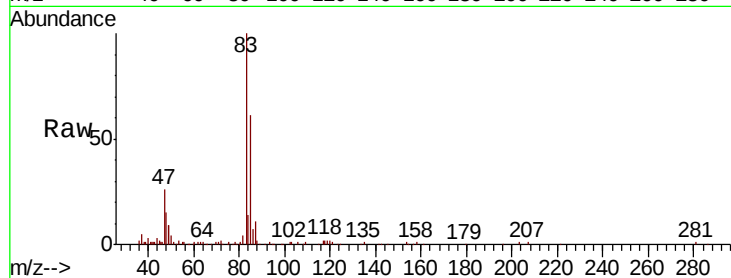
VSTD00531

Tot Ion: 83 Resp: 59117

Ion Ratio Lower Upper

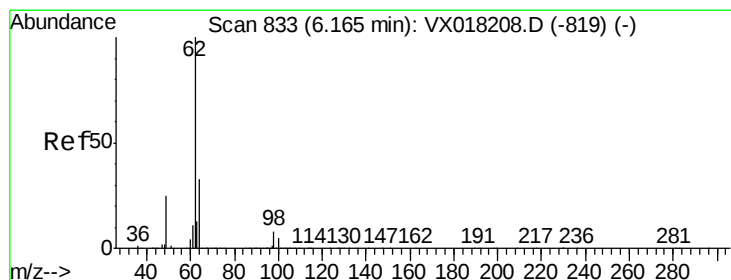
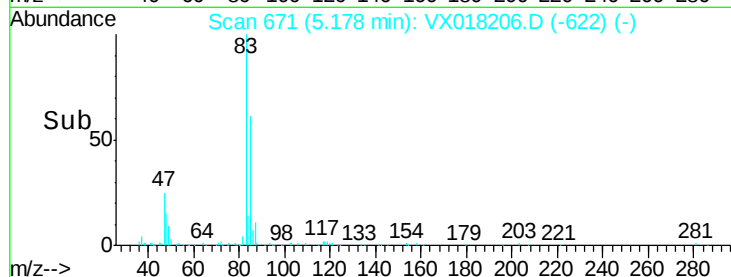
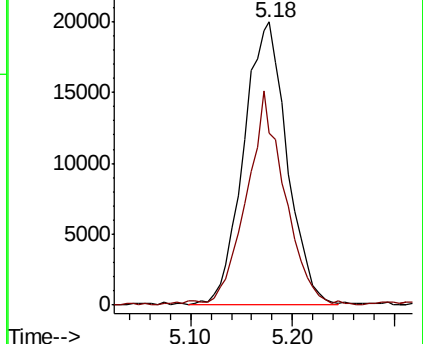
83 100

85 60.8 44.7 83.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane

Concen: 5.704 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018206.D

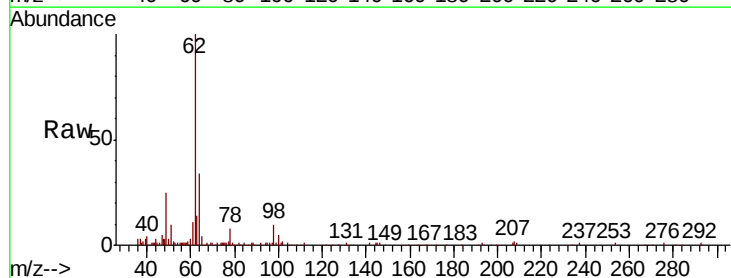
Acq: 02 Sep 2020 09:36

Tgt Ion: 62 Resp: 40722

Ion Ratio Lower Upper

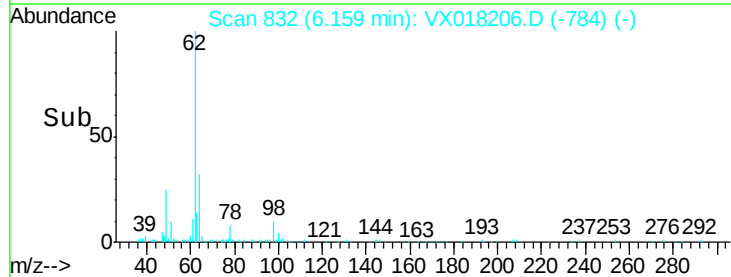
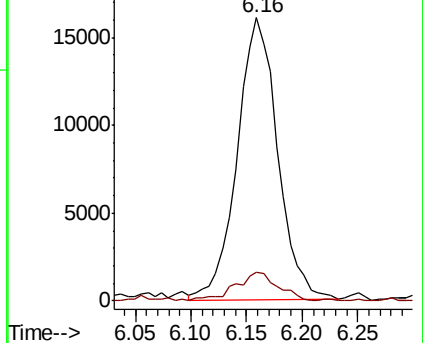
62 100

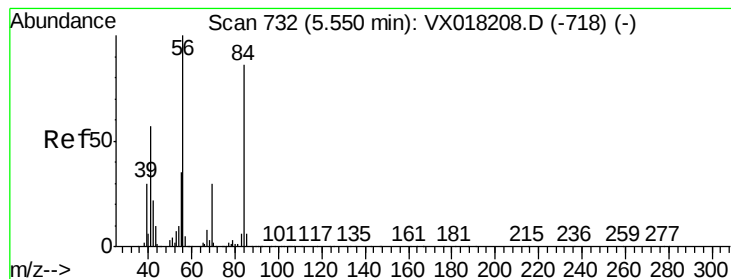
98 10.3 6.6 9.8#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#29

Cyclohexane

Concen: 5.519 ug/L

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTD00531

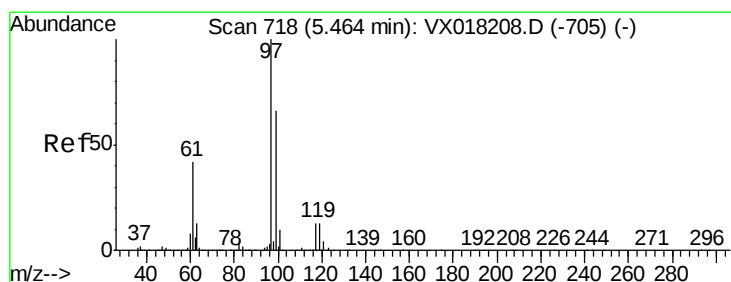
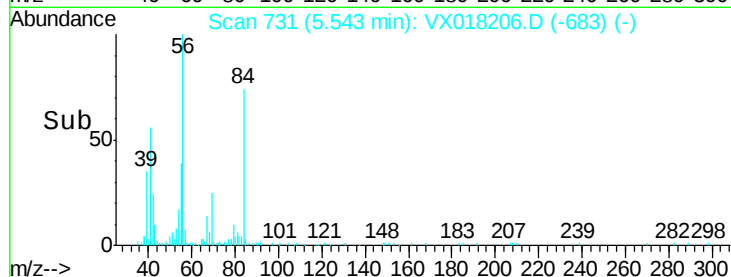
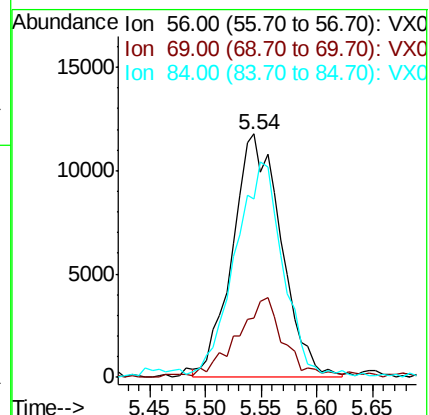
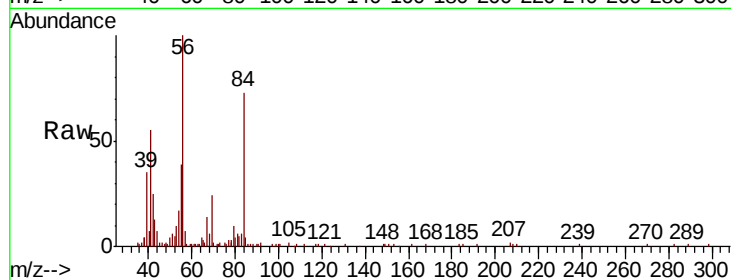
Tot Ion: 56 Resp: 35818

Ion Ratio Lower Upper

56 100

69 28.8 25.4 38.2

84 83.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 6.842 ug/L

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

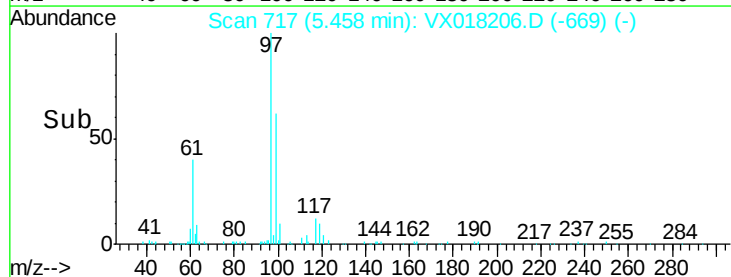
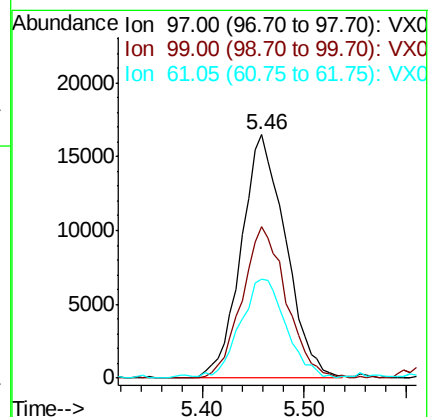
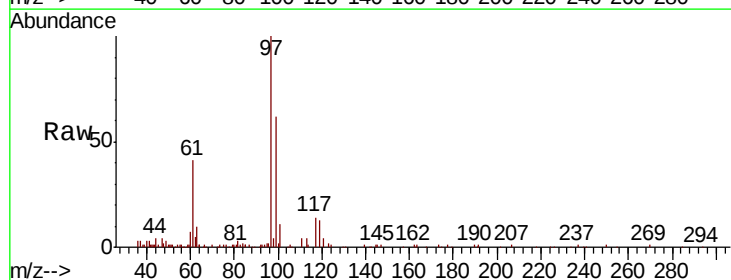
Tgt Ion: 97 Resp: 49829

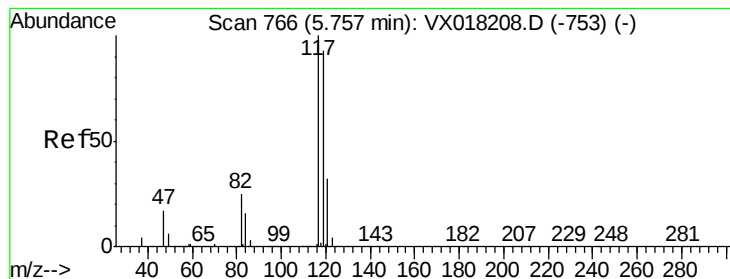
Ion Ratio Lower Upper

97 100

99 61.7 51.7 77.5

61 41.9 33.8 50.6





#31

Carbon tetrachloride

Concen: 7.200 ug/L

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

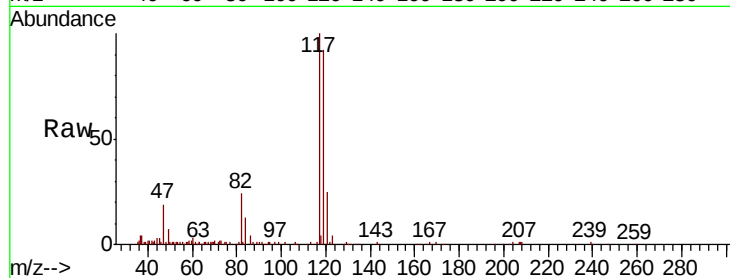
VSTD00531

Tot Ion:117 Resp: 44509

Ion Ratio Lower Upper

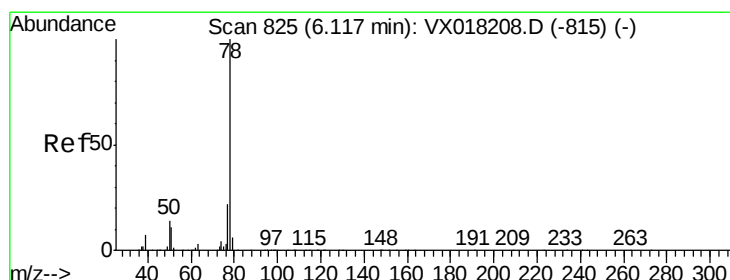
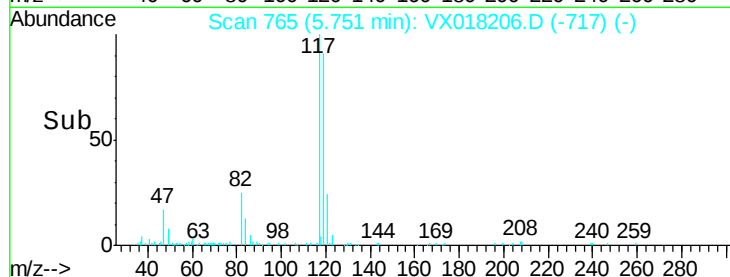
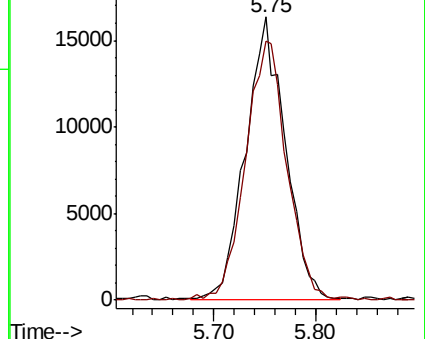
117 100

119 94.2 76.8 115.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 6.084 ug/L

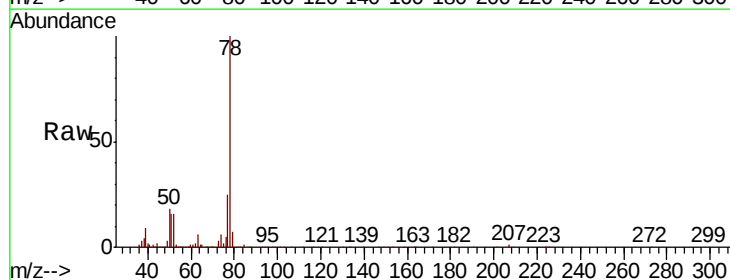
RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

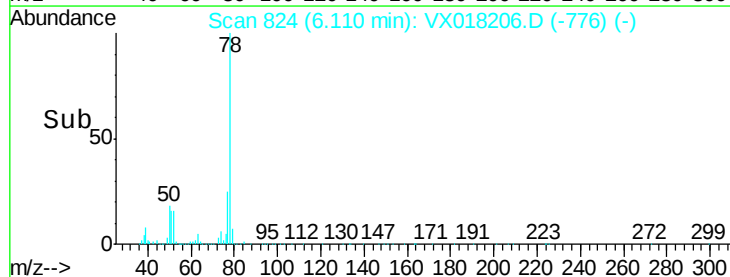
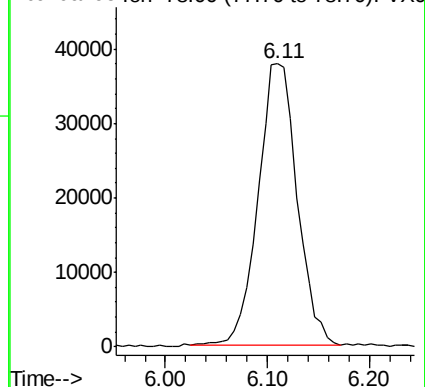
Lab File: VX018206.D

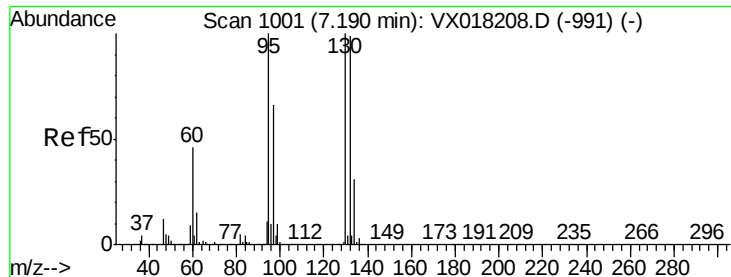
Acq: 02 Sep 2020 09:36

Tgt Ion: 78 Resp: 100510



Abundance Ion 78.00 (77.70 to 78.70): VX0

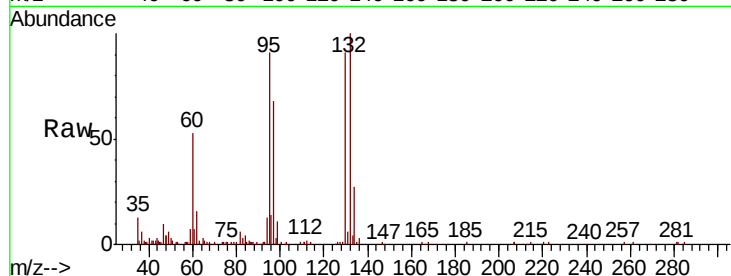




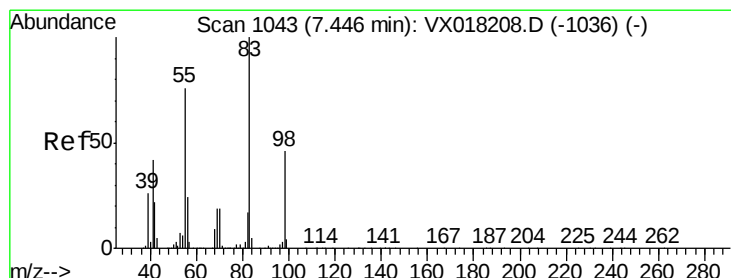
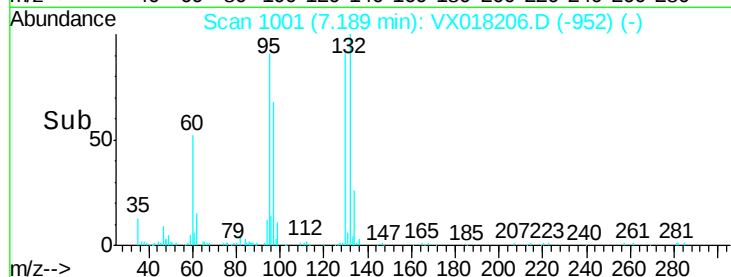
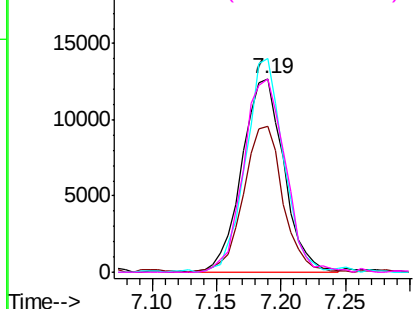
#34
 Trichloroethene
 Concen: 6.520 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00531

Tot Ion:	95	Resp:	28696
Ion	Ratio	Lower	Upper
95	100		
97	75.3	46.2	85.8
132	110.4	69.2	128.4
130	100.1	70.1	130.3

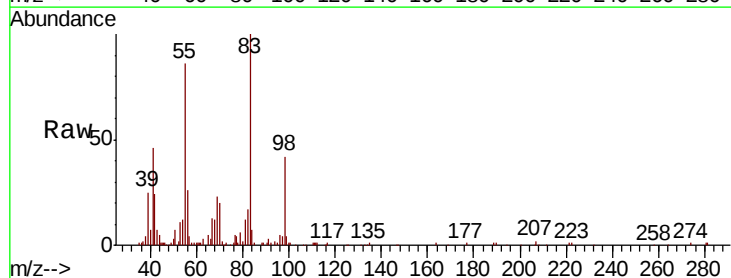


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 97.00 (96.70 to 97.70): VX0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

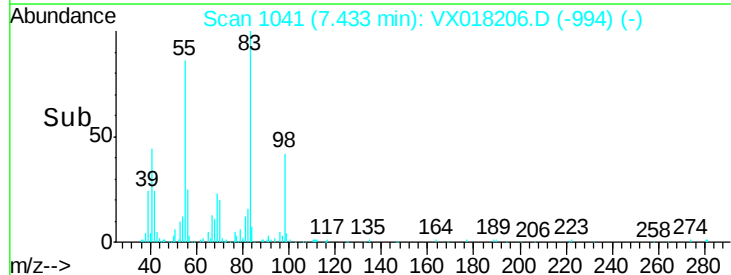
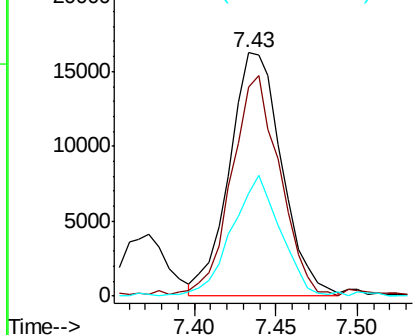


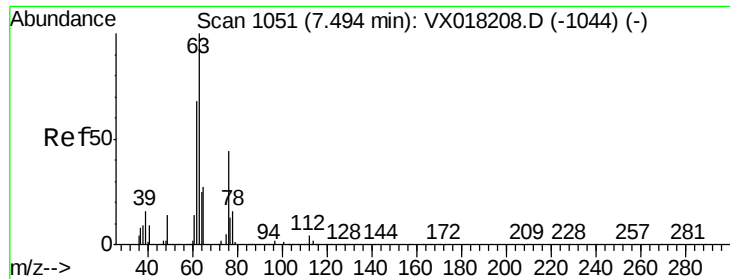
#35
 Methylcyclohexane
 Concen: 5.407 ug/L
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

Tgt Ion:	83	Resp:	36406
Ion	Ratio	Lower	Upper
83	100		
55	83.5	62.6	94.0
98	45.8	37.1	55.7



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





#37

1,2-Dichloropropane

Concen: 6.221 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

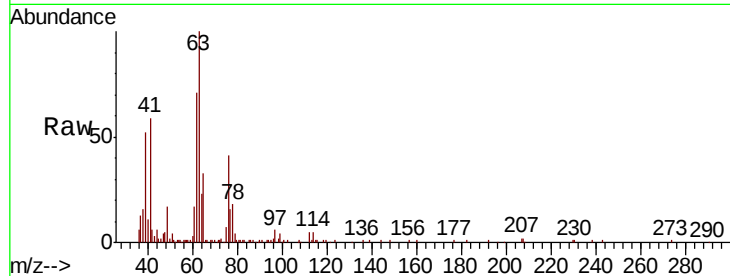
VSTD00531

Tot Ion: 63 Resp: 27715

Ion Ratio Lower Upper

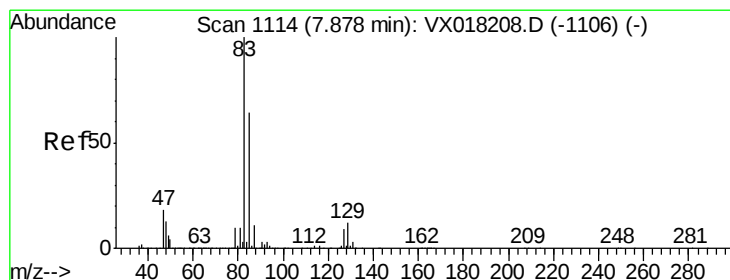
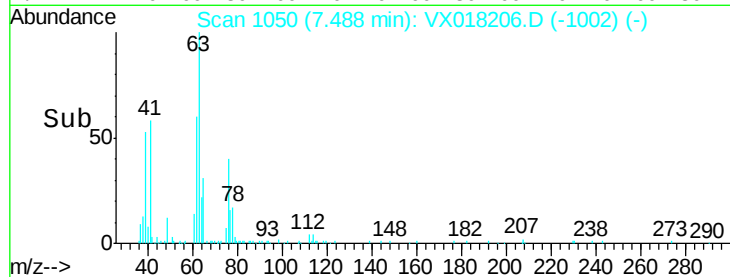
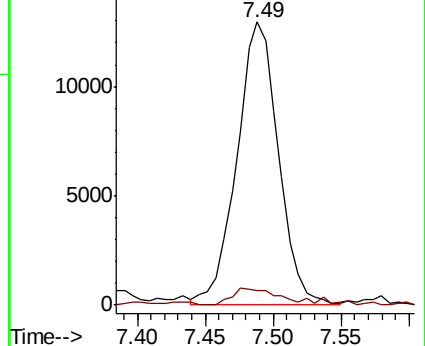
63 100

112 3.7 3.6 5.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 6.457 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

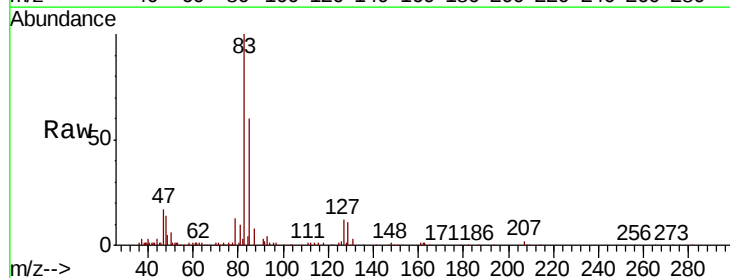
Tgt Ion: 83 Resp: 38603

Ion Ratio Lower Upper

83 100

85 60.4 44.5 82.7

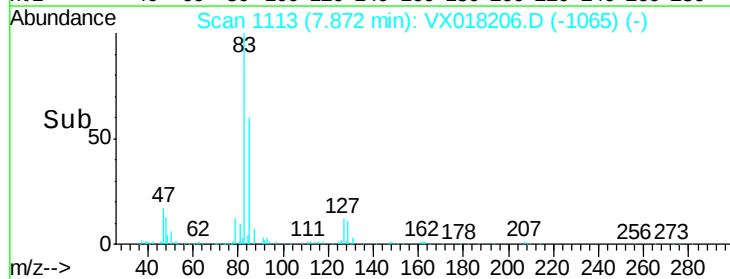
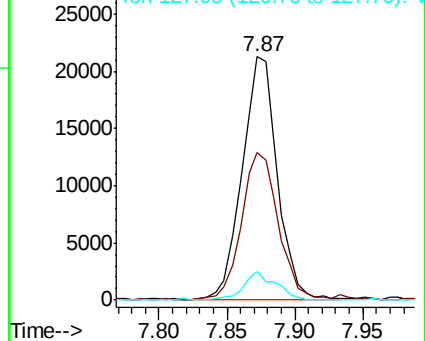
127 11.6 7.4 11.2#

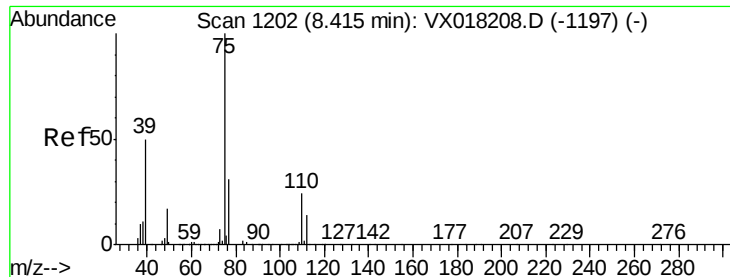


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V

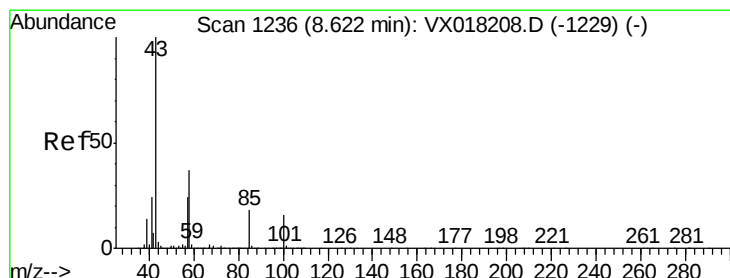
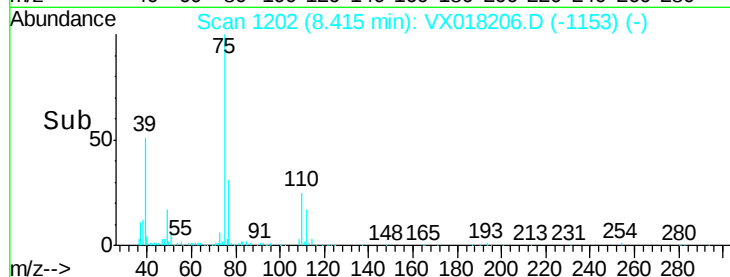
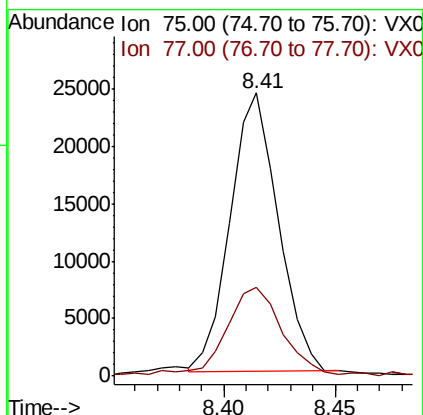
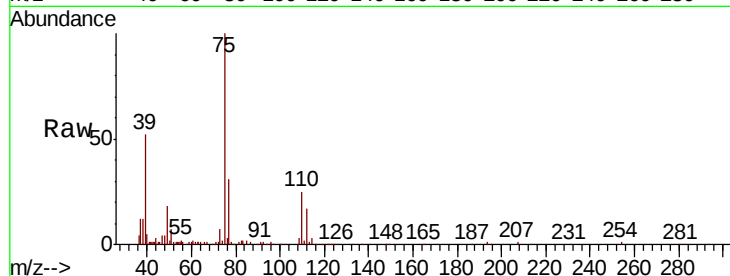




#39
 cis-1,3-Dichloropropene
 Concen: 5.419 ug/L
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

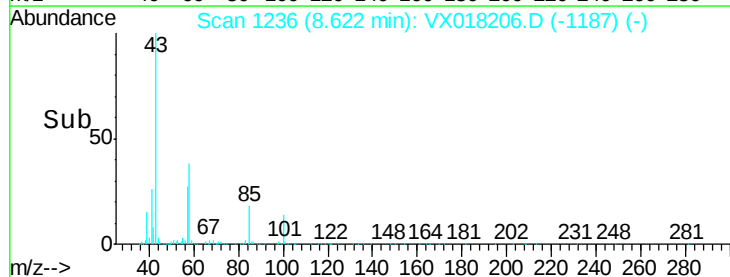
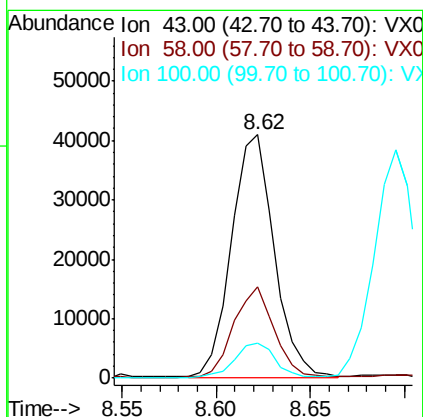
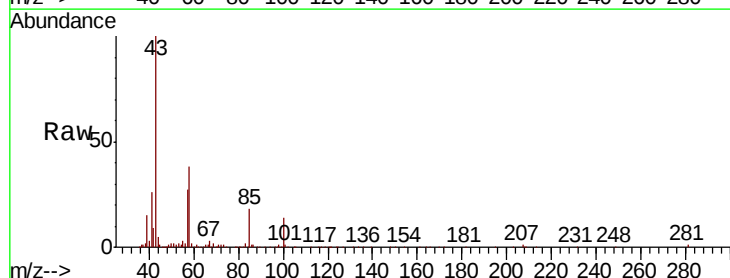
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00531

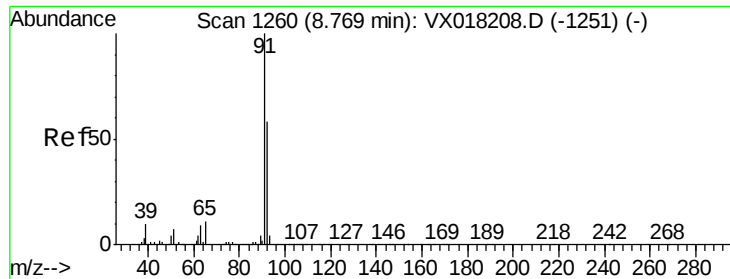
Tot Ion: 75 Resp: 36432
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 8.620 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

Tgt Ion: 43 Resp: 64336
 Ion Ratio Lower Upper
 43 100
 58 36.8 30.3 45.5
 100 14.2 11.9 17.9





#42

Toluene

Concen: 5.599 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

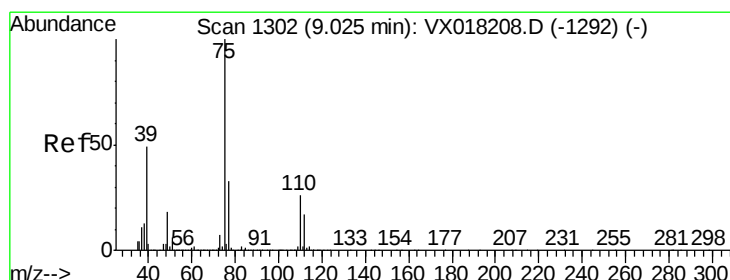
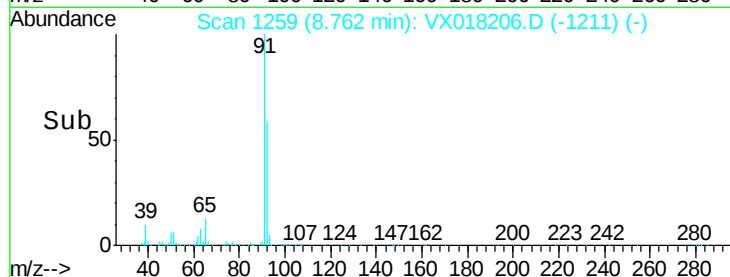
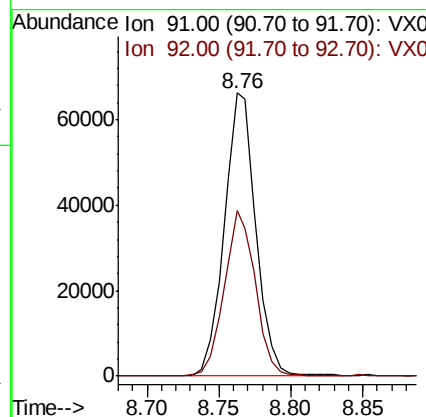
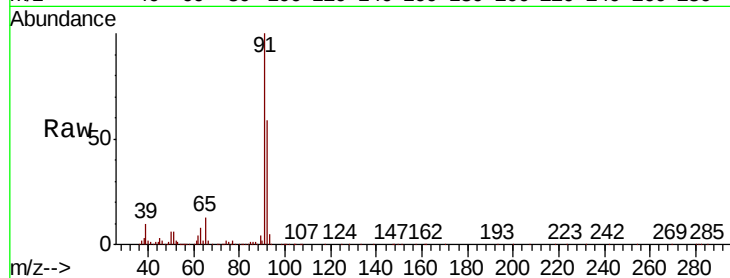
VSTD00531

Tot Ion: 91 Resp: 101733

Ion Ratio Lower Upper

91 100

92 58.7 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 5.929 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018206.D

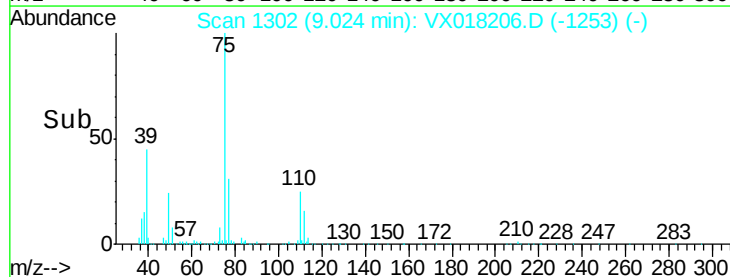
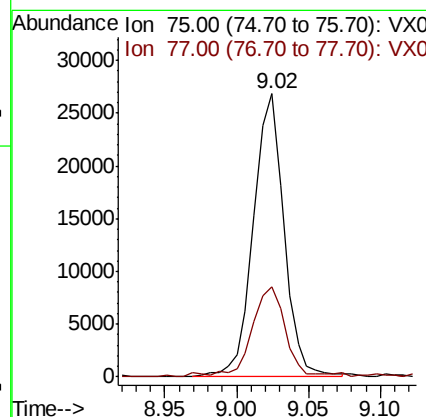
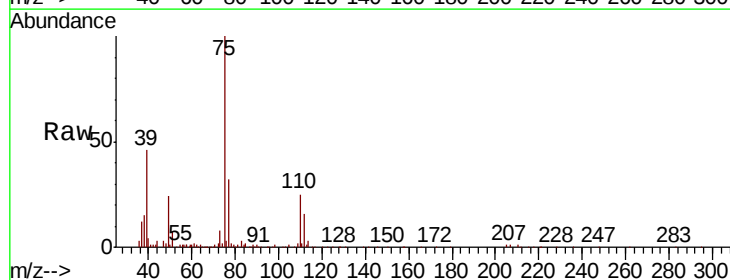
Acq: 02 Sep 2020 09:36

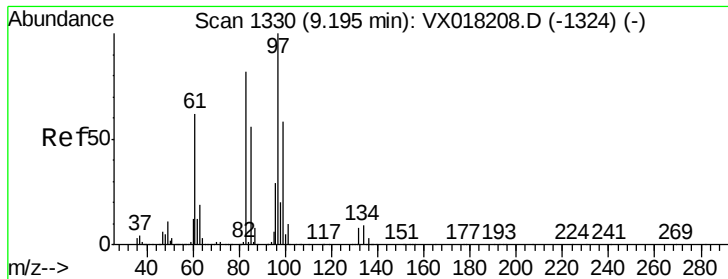
Tgt Ion: 75 Resp: 39485

Ion Ratio Lower Upper

75 100

77 31.9 23.2 43.0

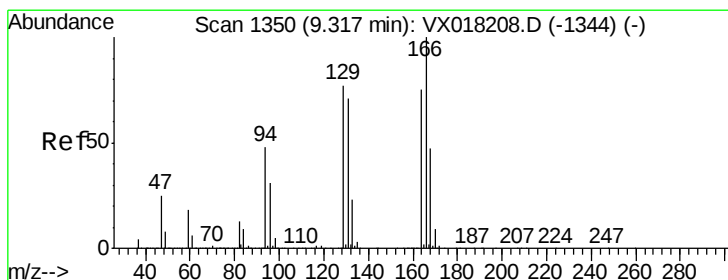
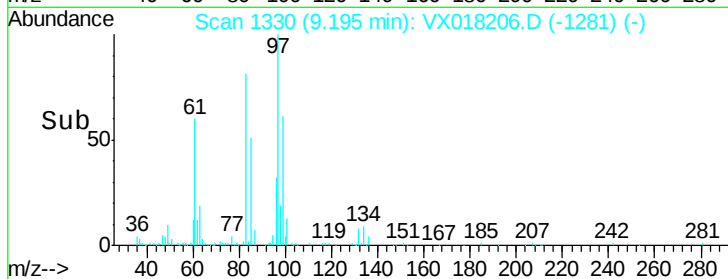
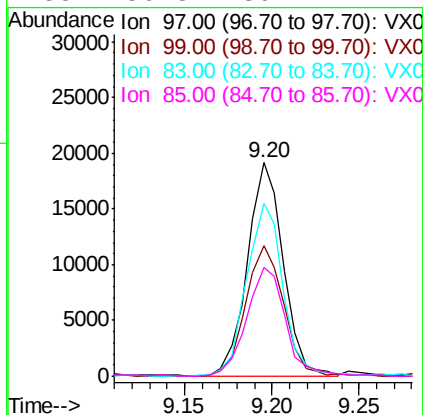
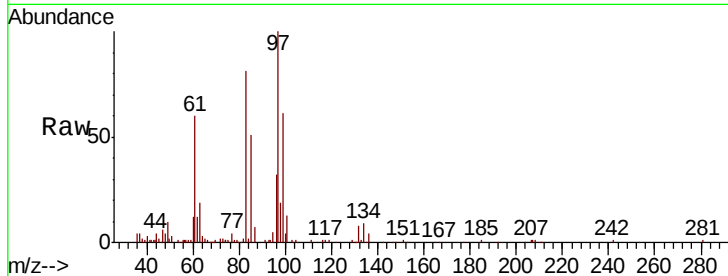




#45
 1,1,2-Trichloroethane
 Concen: 6.387 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

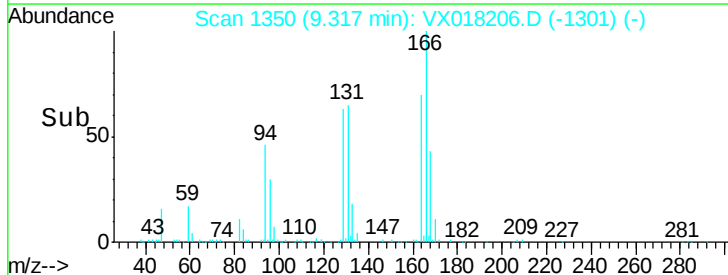
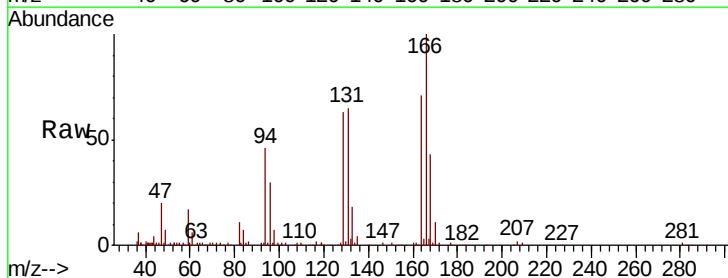
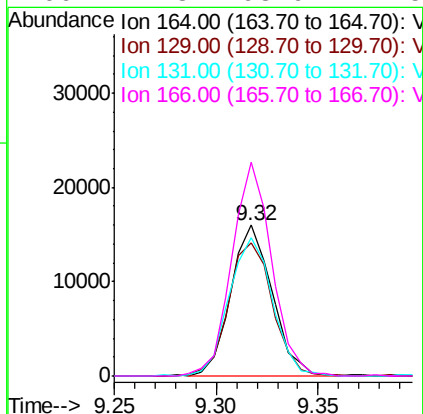
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00531

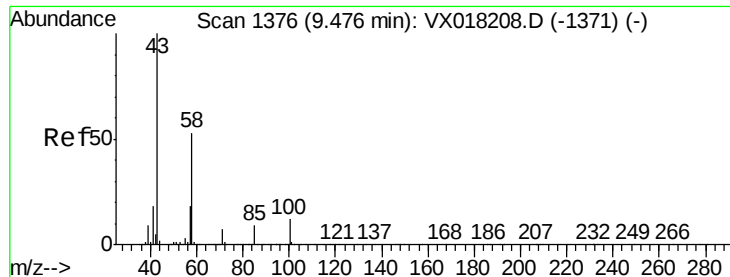
Tot Ion: 97 Resp: 27480
 Ion Ratio Lower Upper
 97 100
 99 61.1 40.3 74.9
 83 80.8 57.7 107.1
 85 50.8 39.1 72.7



#46
 Tetrachloroethene
 Concen: 6.621 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

Tgt Ion: 164 Resp: 22611
 Ion Ratio Lower Upper
 164 100
 129 88.6 72.0 133.6
 131 92.0 66.8 124.2
 166 141.8 93.9 174.5

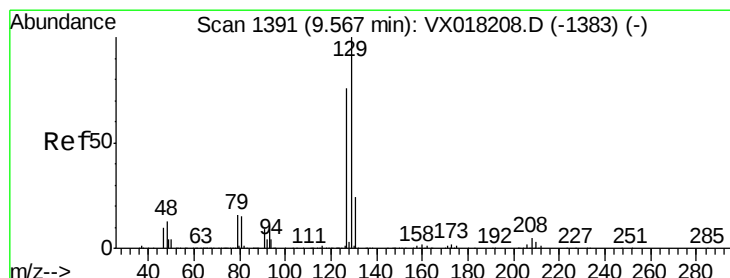
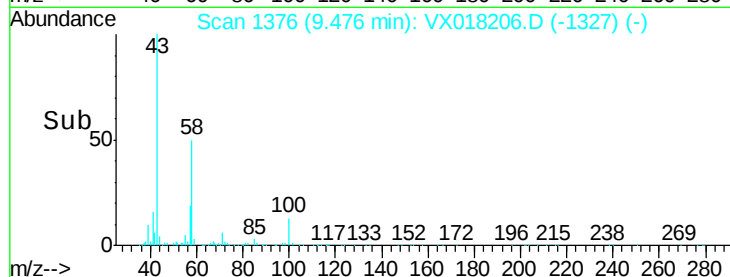
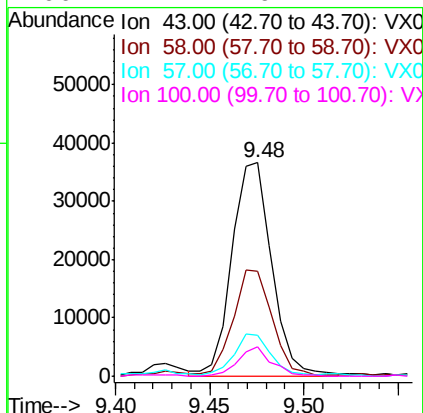
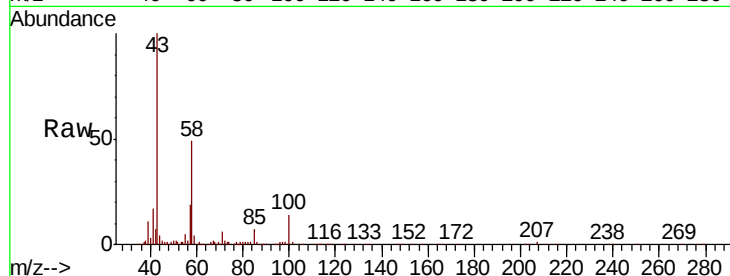




#48
2-Hexanone
Concen: 8.850 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018206.D
Acq: 02 Sep 2020 09:36

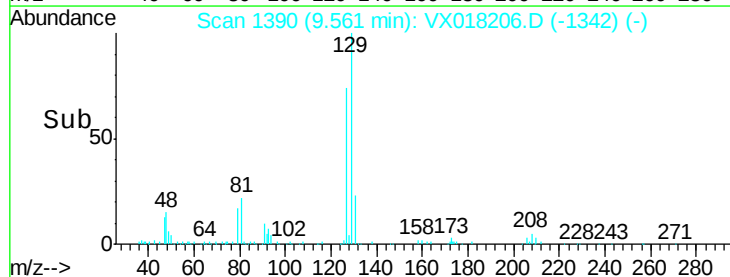
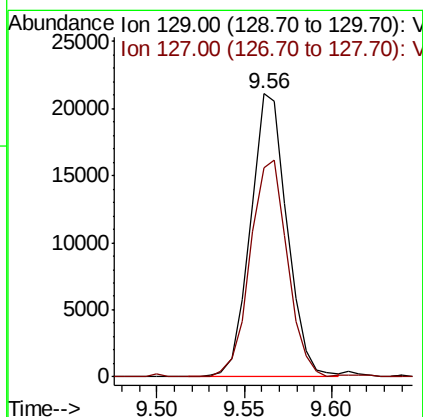
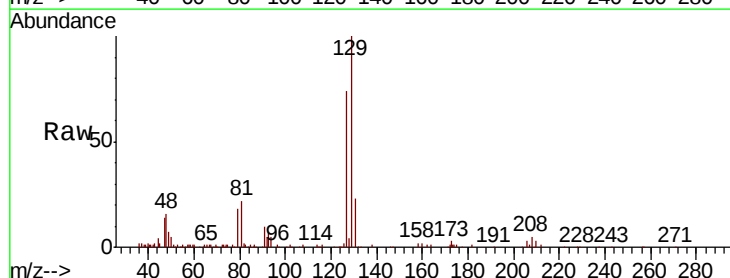
Instrument :
MSVOA_X
ClientSampled :
VSTD00531

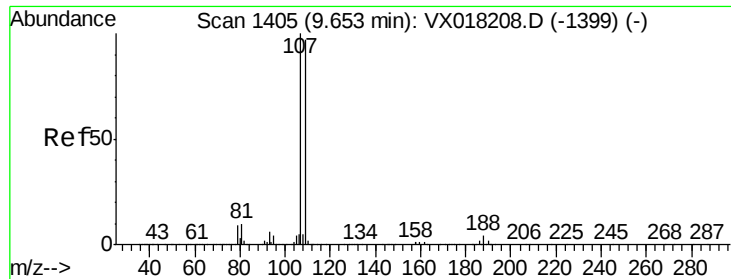
Tot Ion:	43	Resp:	53530
Ion	Ratio	Lower	Upper
43	100		
58	48.4	41.8	62.8
57	18.8	15.2	22.8
100	11.7	9.4	14.2



#49
Dibromochloromethane
Concen: 6.208 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018206.D
Acq: 02 Sep 2020 09:36

Tgt Ion:	129	Resp:	30703
Ion	Ratio	Lower	Upper
129	100		
127	73.9	53.1	98.5

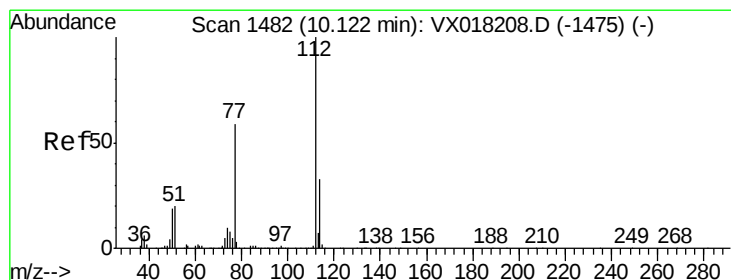
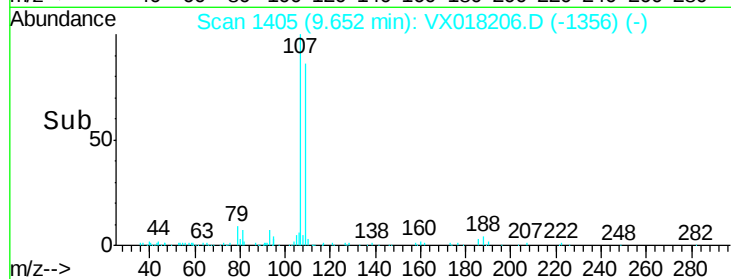
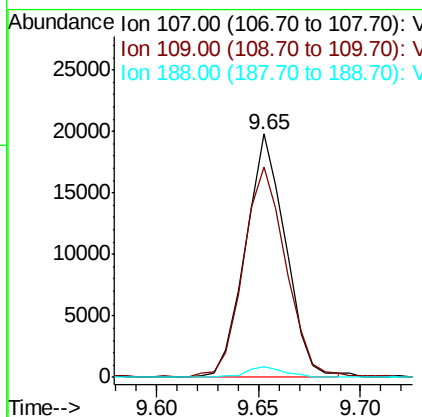
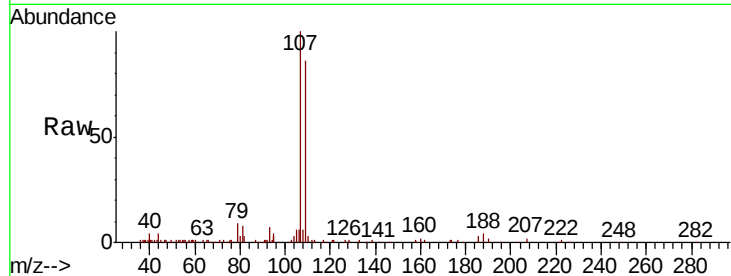




#50
 1,2-Dibromoethane
 Concen: 5.703 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

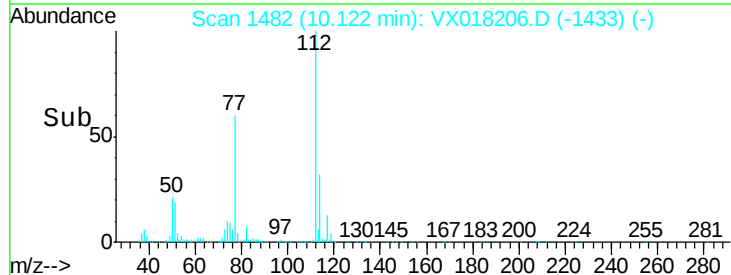
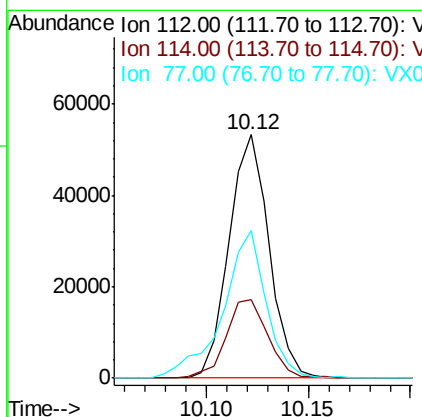
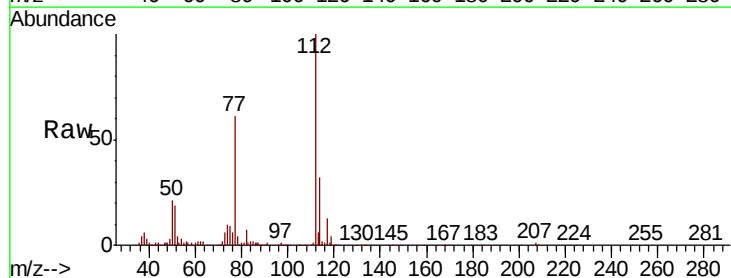
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00531

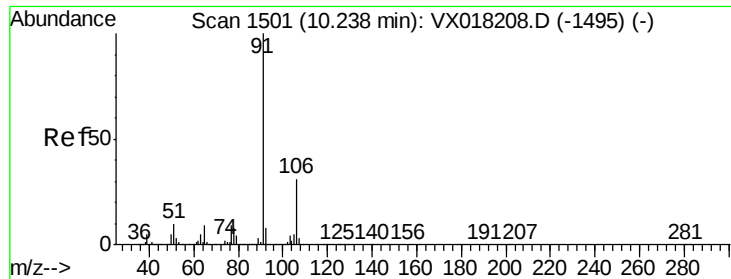
Tot Ion	Ratio	Lower	Upper
107	100		
109	86.5	68.0	126.2
188	4.4	2.8	4.2#



#51
 Chlorobenzene
 Concen: 6.156 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	23.2	43.2
77	60.8	47.0	70.6





#52

Ethylbenzene

Concen: 5.564 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

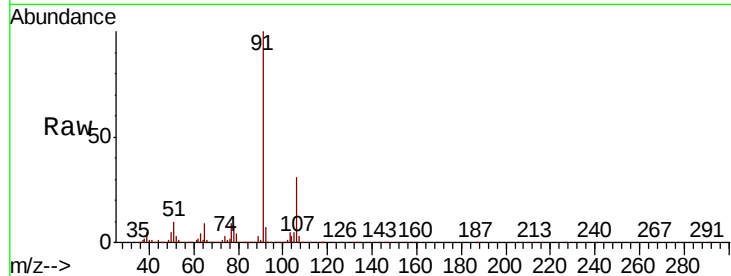
VSTD00531

Tot Ion: 91 Resp: 111555

Ion Ratio Lower Upper

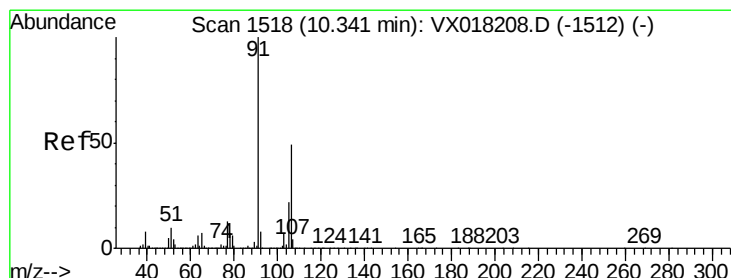
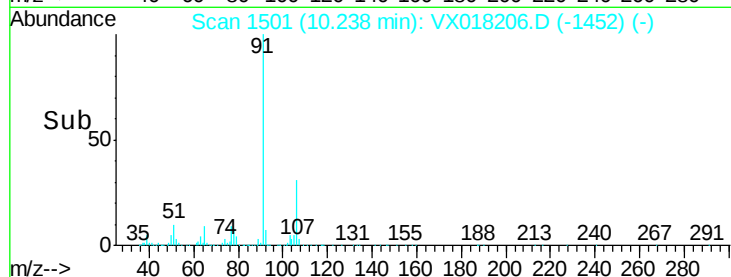
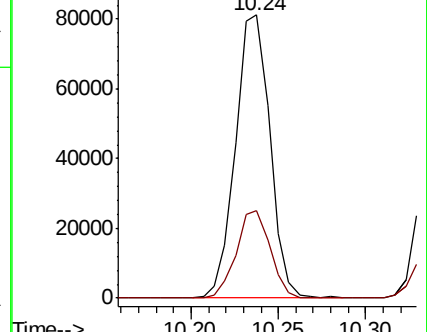
91 100

106 30.8 21.9 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX018206.D (-1495) (-)

Ion 106.00 (105.70 to 106.70): VX018206.D (-1495) (-)



#53

m,p-Xylene

Concen: 5.441 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018206.D

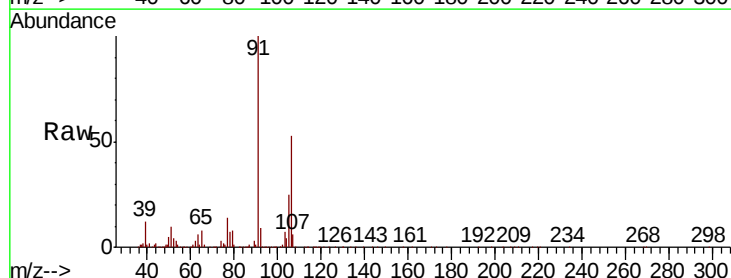
Acq: 02 Sep 2020 09:36

Tgt Ion: 106 Resp: 41317

Ion Ratio Lower Upper

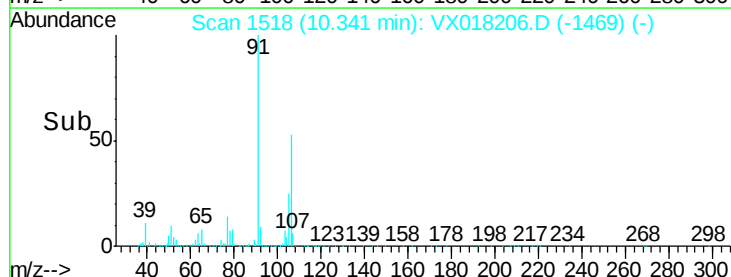
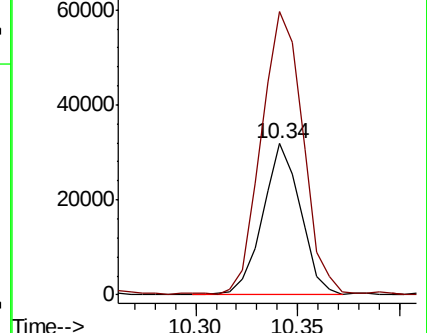
106 100

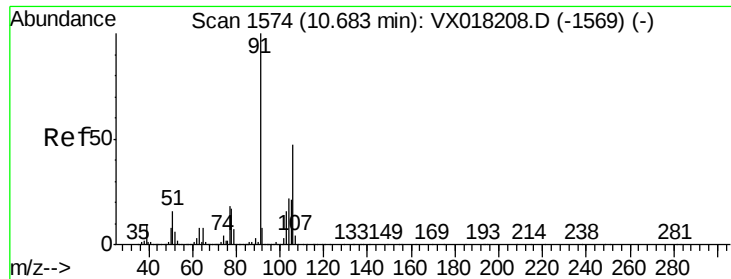
91 187.2 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): VX018206.D (-1495) (-)

Ion 91.00 (90.70 to 91.70): VX018206.D (-1495) (-)





#54

o-xylene

Concen: 5.237 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

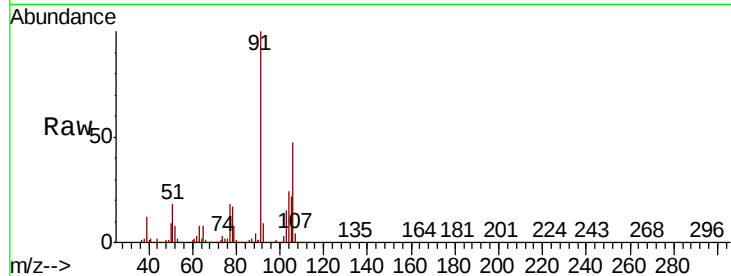
VSTD00531

Tot Ion:106 Resp: 38156

Ion Ratio Lower Upper

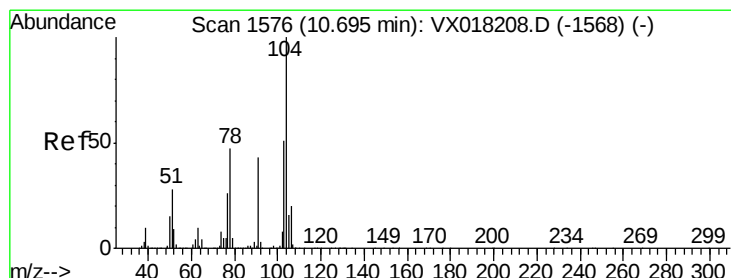
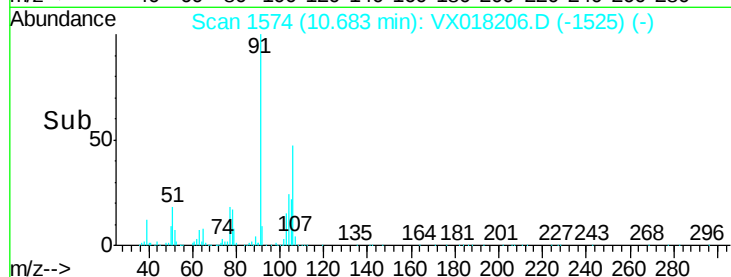
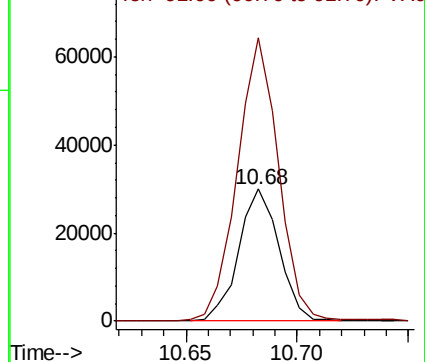
106 100

91 214.3 150.3 279.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#55

Styrene

Concen: 5.198 ug/L

RT: 10.69 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018206.D

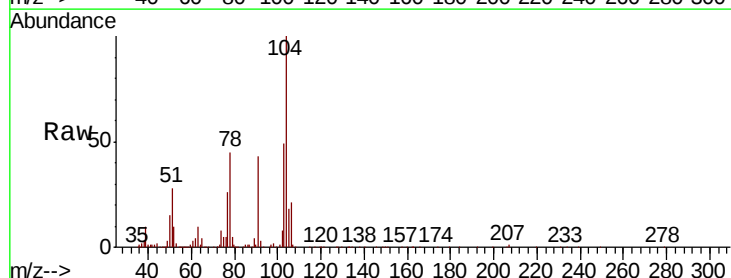
Acq: 02 Sep 2020 09:36

Tgt Ion:104 Resp: 65429

Ion Ratio Lower Upper

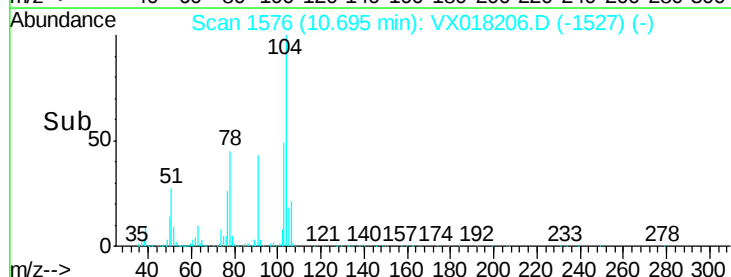
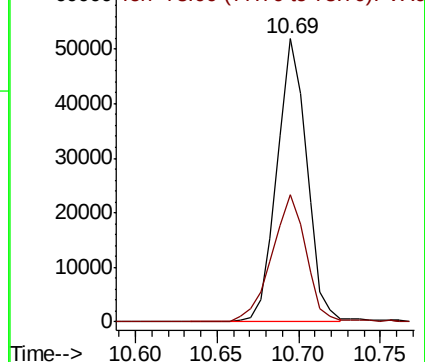
104 100

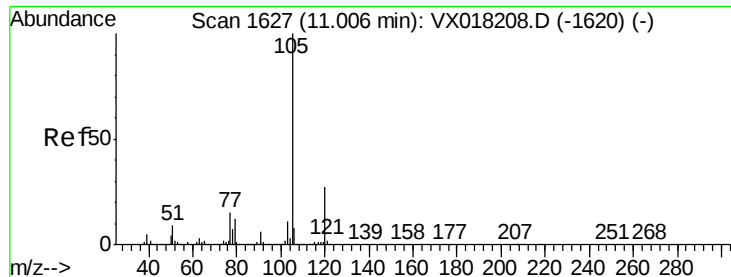
78 44.8 33.1 61.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0





#56

Isopropylbenzene

Concen: 5.093 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTD00531

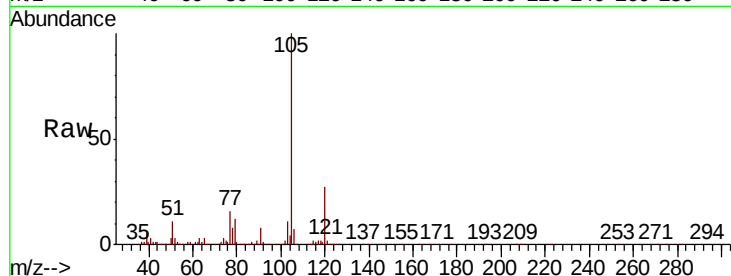
Tot Ion: 105 Resp: 100561

Ion Ratio Lower Upper

105 100

120 27.0 21.3 31.9

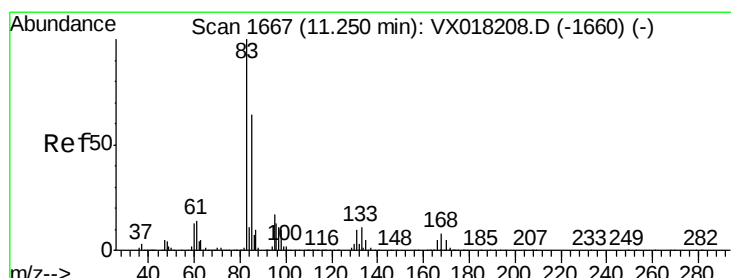
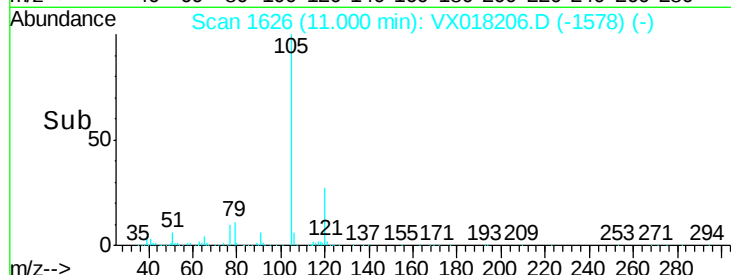
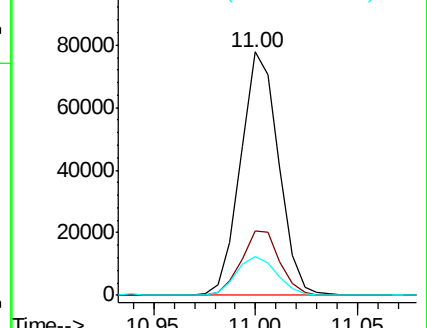
77 16.8 12.7 19.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.160 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

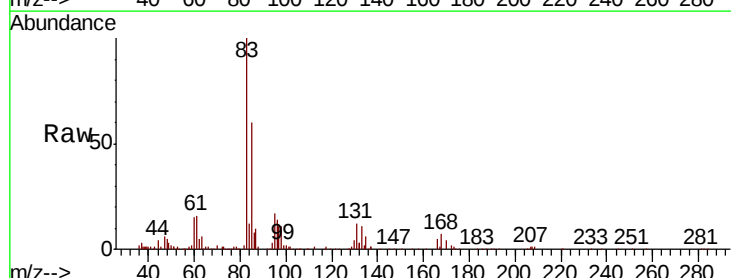
Tgt Ion: 83 Resp: 39008

Ion Ratio Lower Upper

83 100

85 60.3 44.6 82.8

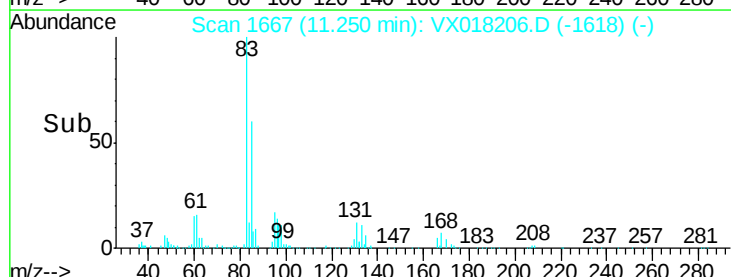
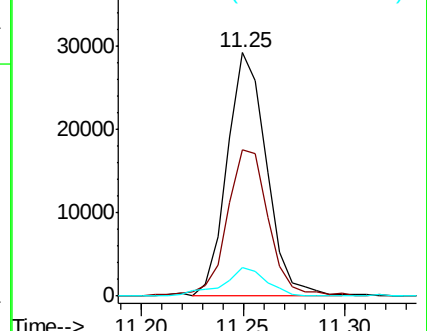
131 11.8 8.0 12.0

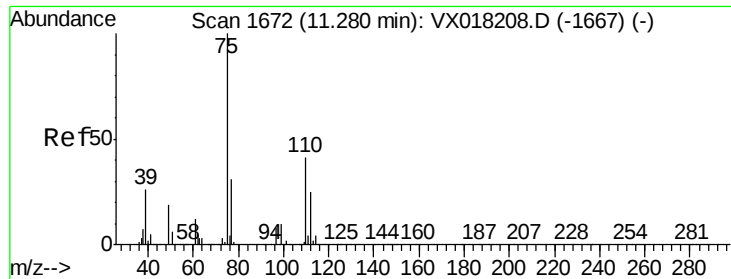


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 5.248 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

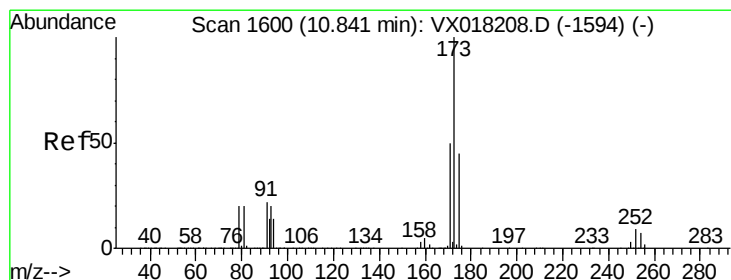
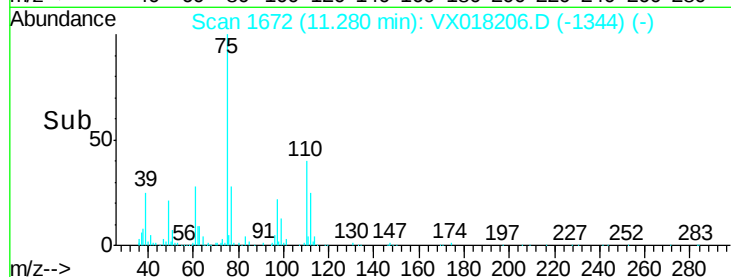
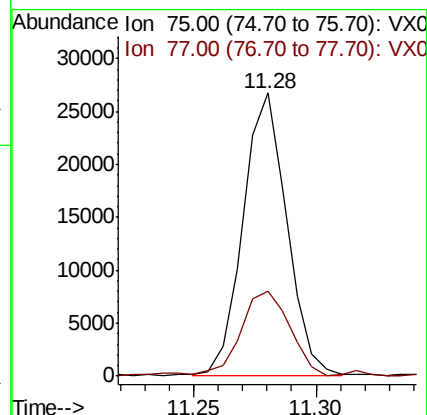
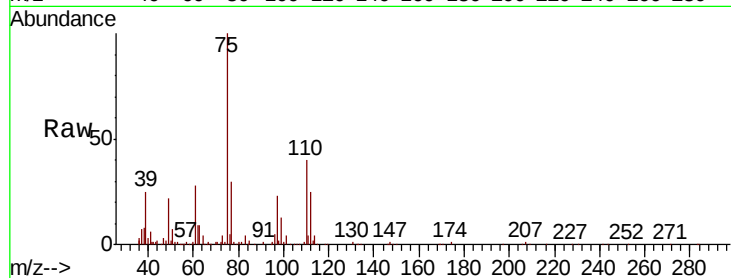
VSTD00531

Tot Ion: 75 Resp: 33291

Ion Ratio Lower Upper

75 100

77 32.9 25.8 38.8



#61

Bromoform

Concen: 6.323 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

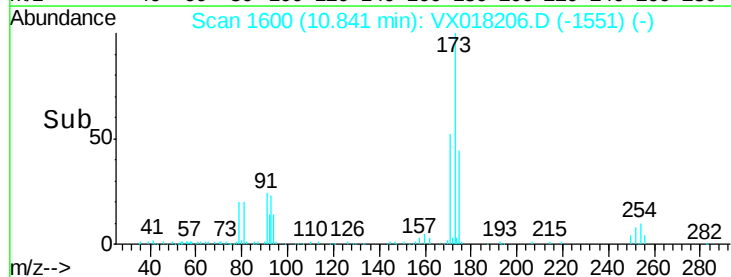
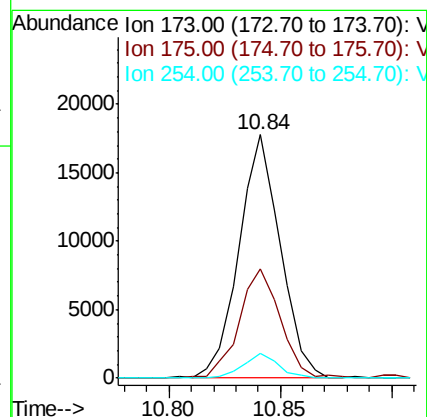
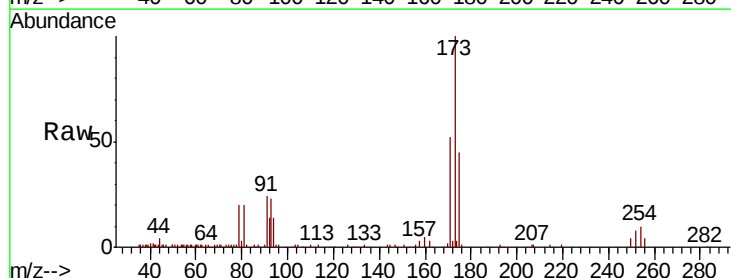
Tgt Ion: 173 Resp: 23006

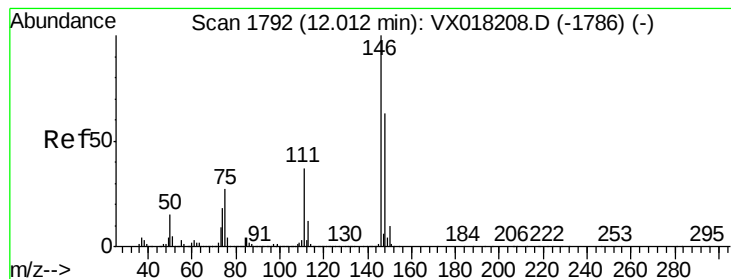
Ion Ratio Lower Upper

173 100

175 44.6 37.9 56.9

254 8.7 6.6 10.0





#62

1,3-Dichlorobenzene

Concen: 5.779 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTD00531

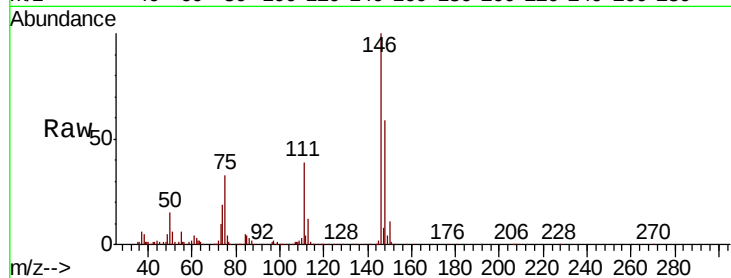
Tot Ion:146 Resp: 53489

Ion Ratio Lower Upper

146 100

111 39.4 26.2 48.6

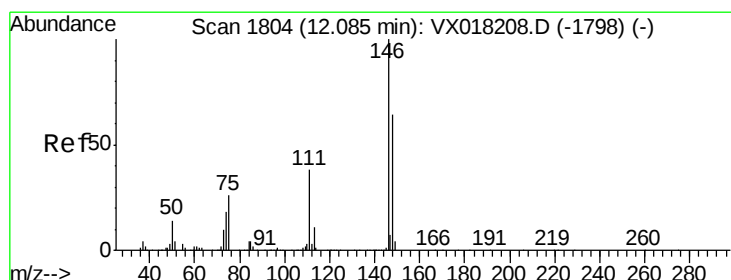
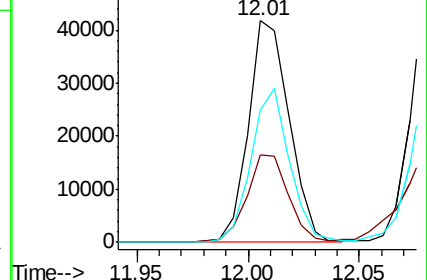
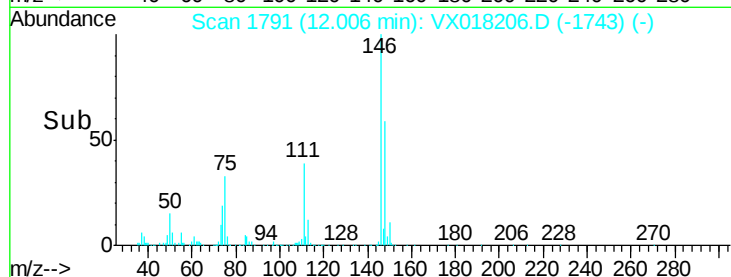
148 59.5 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 6.134 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

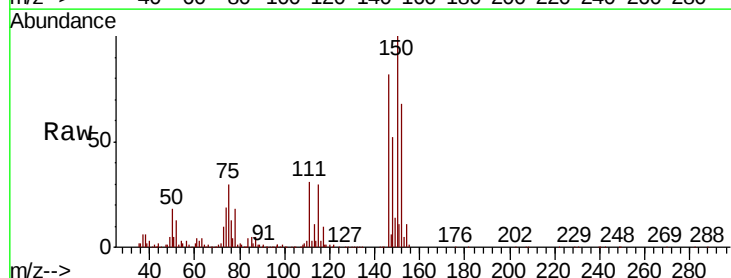
Tgt Ion:146 Resp: 56737

Ion Ratio Lower Upper

146 100

111 37.3 26.5 49.1

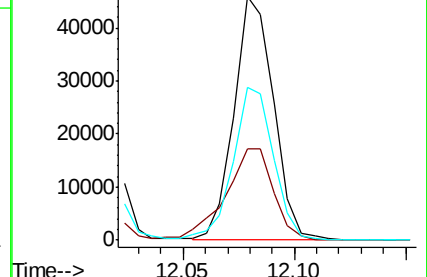
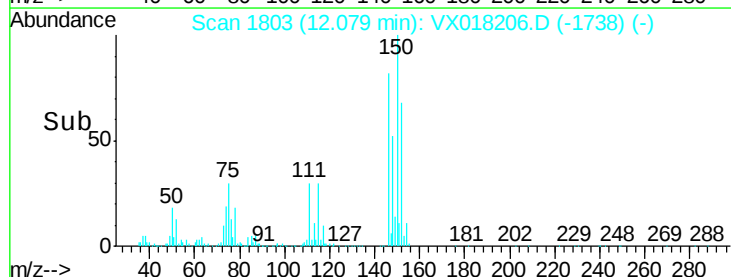
148 63.0 44.5 82.7

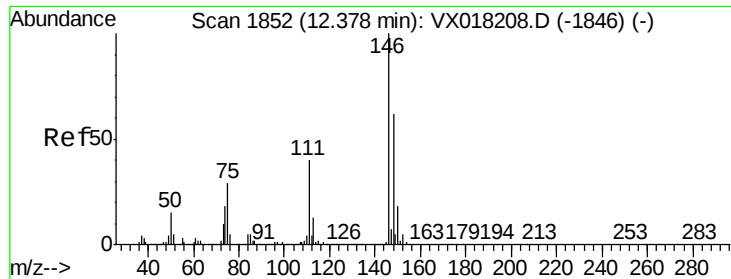


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

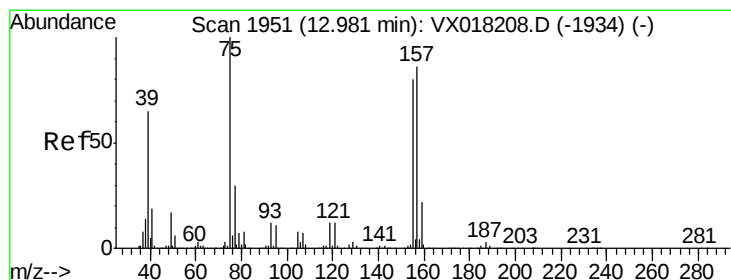
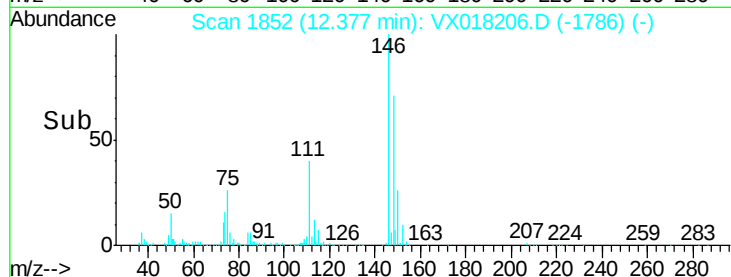
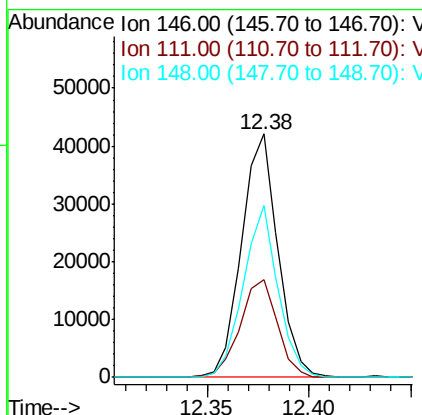
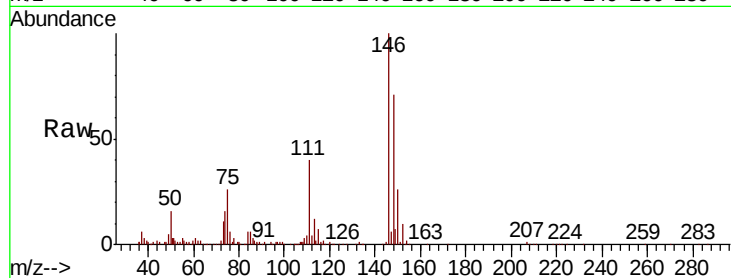




#65
 1,2-Dichlorobenzene
 Concen: 5.658 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

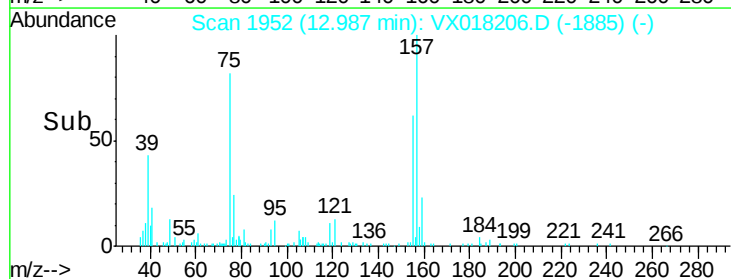
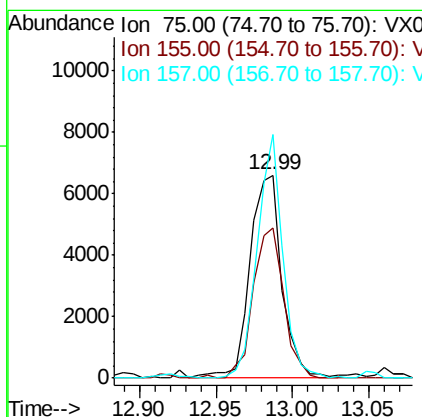
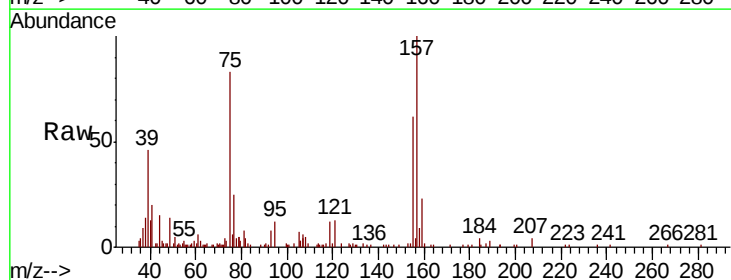
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD00531

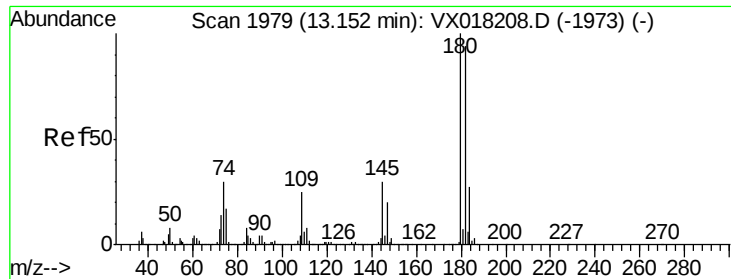
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	32.4	48.6
148	70.9	49.7	74.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.397 ug/L
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.0	63.8	95.8
157	120.1	68.5	102.7#

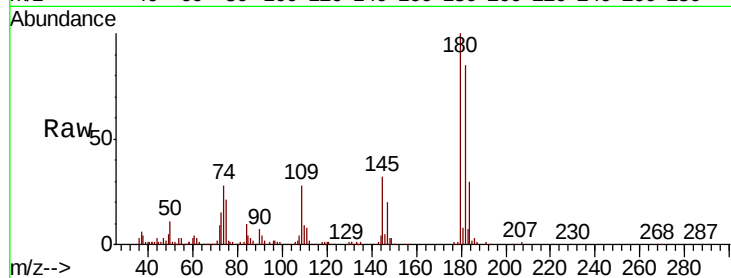




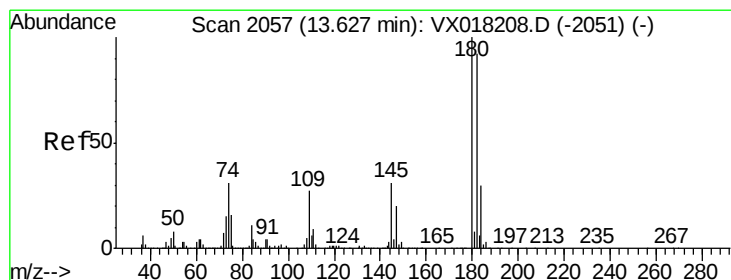
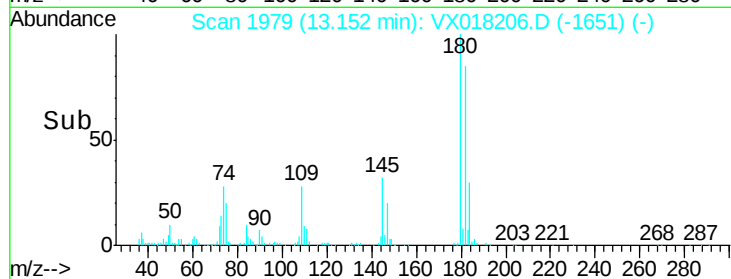
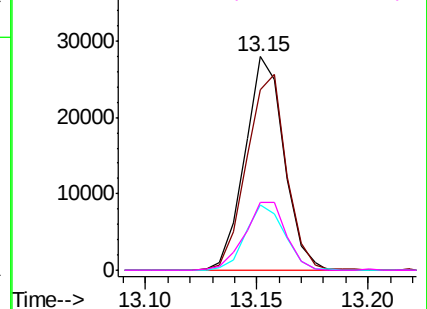
#67
 1,3,5-Trichlorobenzene
 Concen: 5.256 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00531

Tot Ion:180 Resp: 34262
 Ion Ratio Lower Upper
 180 100
 182 92.9 77.1 115.7
 184 30.8 23.8 35.6
 145 34.1 24.4 36.6

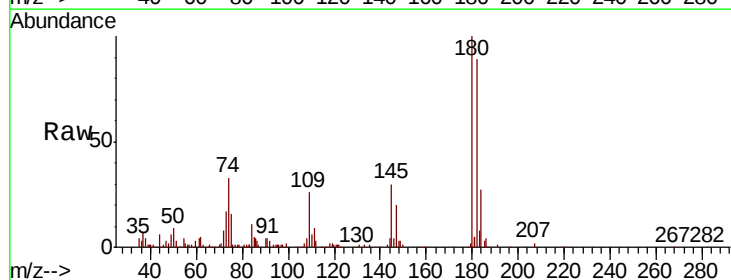


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

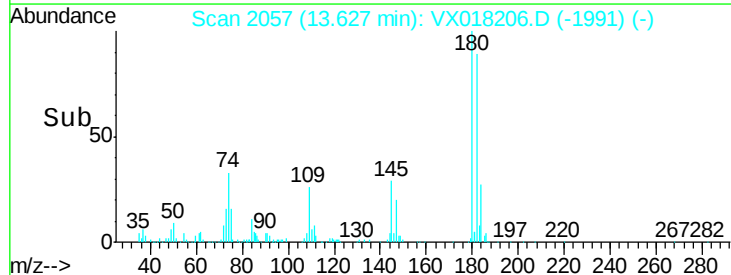
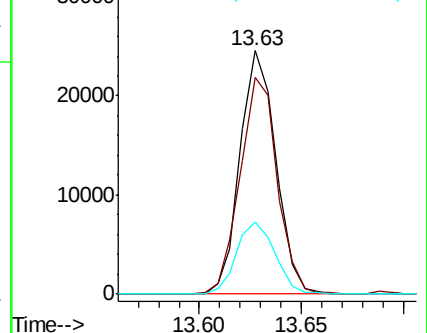


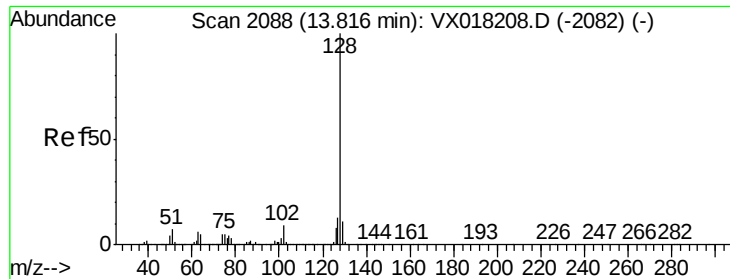
#68
 1,2,4-trichlorobenzene
 Concen: 5.419 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018206.D
 Acq: 02 Sep 2020 09:36

Tgt Ion:180 Resp: 30035
 Ion Ratio Lower Upper
 180 100
 182 92.2 74.1 111.1
 145 31.5 25.0 37.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 4.890 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTD00531

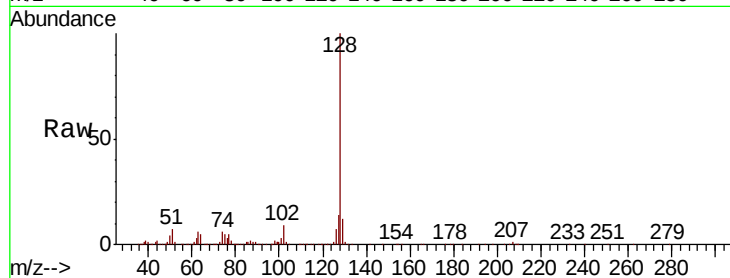
Tot Ion:128 Resp: 82679

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

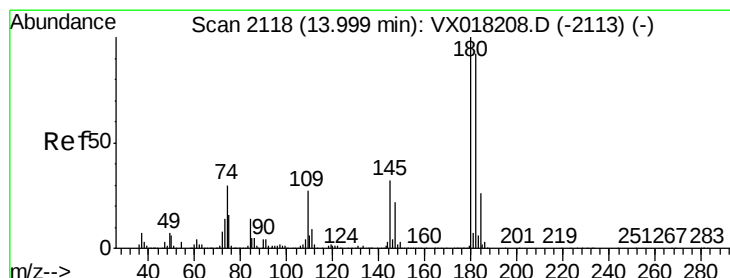
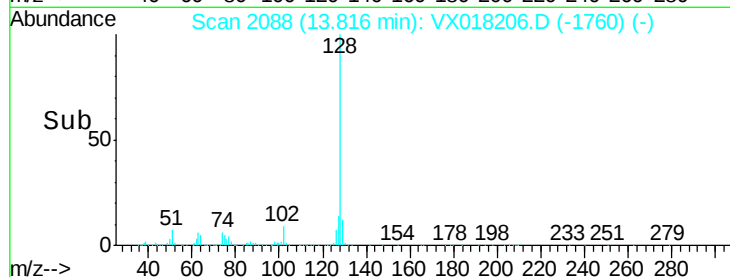
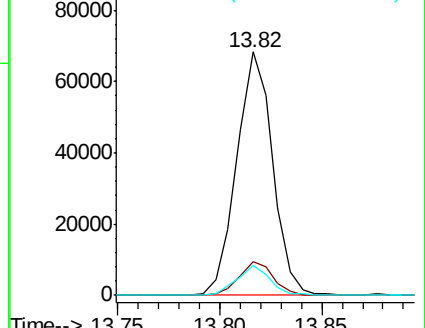
129 11.5 8.6 12.8



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



#70

1,2,3-Trichlorobenzene

Concen: 5.351 ug/L

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018206.D

Acq: 02 Sep 2020 09:36

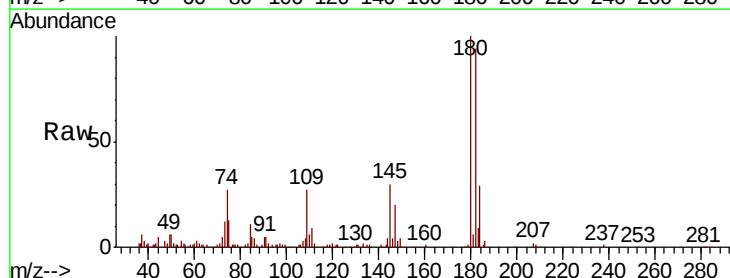
Tgt Ion:180 Resp: 30280

Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.4

145 32.3 27.2 40.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

