

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
 Data File : VX018809.D
 Acq On : 06 Oct 2020 19:21
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

Quant Time: Oct 07 01:34:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 07 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	116237	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	111244	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	57809	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29752	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.70	69	26961	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.34	63	66874	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.56	46	110438	62.01	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.02%
24) Chloroform-d	5.14	84	82381	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	6.03	65	45801	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	6.05	84	137418	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	7.37	67	41948	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	8.70	98	126309	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
45) trans-1,3-Dichloropropene-	8.99	79	19995	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
48) 2-Hexanone-d5	9.43	63	90636	62.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.78%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	36567	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	51369	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	36902	4.729 ug/L	98
3) Chloromethane	1.31	50	29731	5.288 ug/L	98
5) Vinyl chloride	1.39	62	32973	5.257 ug/L	94
6) Bromomethane	1.64	94	18365	4.941 ug/L	97
8) Chloroethane	1.71	64	20446	5.375 ug/L	98
9) Trichlorofluoromethane	1.92	101	65366	4.884 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	33132	5.076 ug/L	98
12) 1,1-Dichloroethene	2.36	96	30597	5.284 ug/L	87
13) Acetone	2.46	43	52278	53.765 ug/L	100
14) Carbon disulfide	2.55	76	91498	5.049 ug/L	99
15) Methyl Acetate	2.76	43	11748	4.916 ug/L	97
16) Methylene chloride	2.83	84	33685	4.798 ug/L	98
17) Methyl tert-butyl Ether	3.17	73	75918	5.083 ug/L	97
18) trans-1,2-Dichloroethene	3.14	96	31996	5.161 ug/L	97
19) 1,1-Dichloroethane	3.67	63	58404	5.299 ug/L	93
21) 2-Butanone	4.66	43	80743	57.041 ug/L	99
22) cis-1,2-Dichloroethene	4.57	96	34446	5.387 ug/L #	99

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 Misc : 25.0mL/MSVOA X/WATER
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 Quant Title : TRACE VOA SOM01.0
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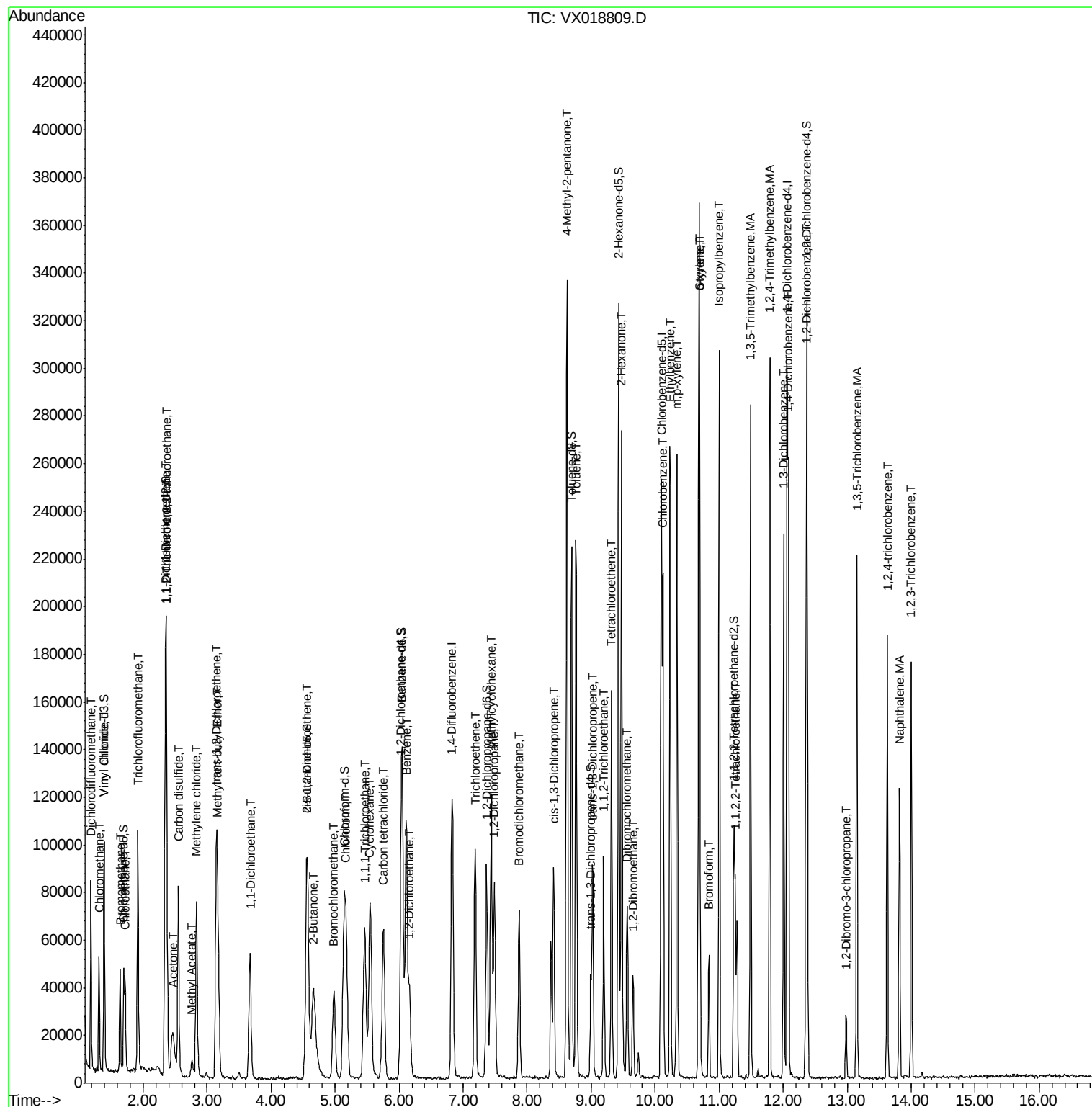
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	16862	5.202	ug/L	93
25) Chloroform	5.17	83	63549	5.045	ug/L	99
27) 1,2-Dichloroethane	6.16	62	43238	4.725	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	62425	4.744	ug/L	98
30) Cyclohexane	5.54	56	47189	5.170	ug/L	98
31) Carbon tetrachloride	5.76	117	57433	4.732	ug/L	99
33) Benzene	6.11	78	126661	5.437	ug/L	100
34) Trichloroethene	7.19	95	35594	5.175	ug/L	96
35) Methylcyclohexane	7.44	83	49951	5.125	ug/L	97
37) 1,2-Dichloropropane	7.49	63	31370	5.375	ug/L	100
38) Bromodichloromethane	7.87	83	45437	4.882	ug/L #	95
39) cis-1,3-Dichloropropene	8.41	75	46558	4.998	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	196280	58.055	ug/L	100
42) Toluene	8.76	91	139591	5.476	ug/L	94
43) 1,3,5-Trimethylbenzene	11.49	105	120210	4.983	ug/L	95
44) 1,2,4-Trimethylbenzene	11.79	105	124023	5.065	ug/L	96
46) trans-1,3-Dichloropropene	9.02	75	44144	5.133	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	23099	5.245	ug/L	95
49) Tetrachloroethene	9.32	164	29940	4.980	ug/L	94
50) 2-Hexanone	9.48	43	141930	57.800	ug/L	97
51) Dibromochloromethane	9.57	129	31864	4.978	ug/L	94
52) 1,2-Dibromoethane	9.65	107	22295	5.007	ug/L #	97
53) Chlorobenzene	10.12	112	91229	5.232	ug/L	94
54) Ethylbenzene	10.23	91	148557	5.199	ug/L	99
55) m,p-xylene	10.34	106	58424	5.242	ug/L	97
56) o-xylene	10.68	106	56356	5.471	ug/L	97
57) Styrene	10.70	104	92867	5.285	ug/L	92
58) Isopropylbenzene	11.00	105	151637	5.258	ug/L	97
60) 1,1,2,2-Tetrachloroethane	11.25	83	28514	5.841	ug/L	100
62) Bromoform	10.84	173	18703	4.895	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	71528	5.091	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	72667	5.186	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	66331	5.056	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	5145	4.602	ug/L	91
68) 1,3,5-Trichlorobenzene	13.15	180	52564	4.860	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	42718	4.758	ug/L	97
70) Naphthalene	13.82	128	71504	4.872	ug/L	98
71) 1,2,3-Trichlorobenzene	14.00	180	40541	5.018	ug/L	94

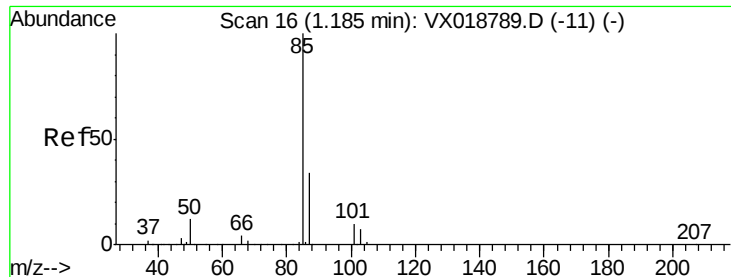
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.729 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

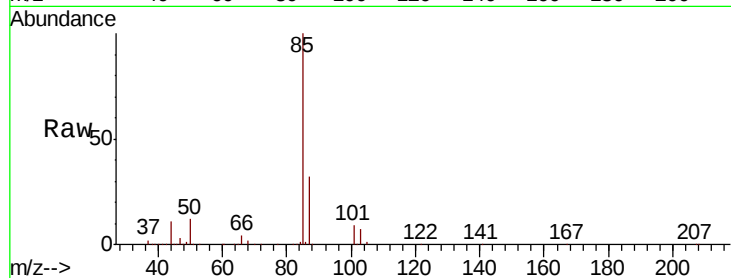
VSTD00596

Tot Ion: 85 Resp: 36902

Ion Ratio Lower Upper

85 100

87 33.1 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

1.18

50000

40000

30000

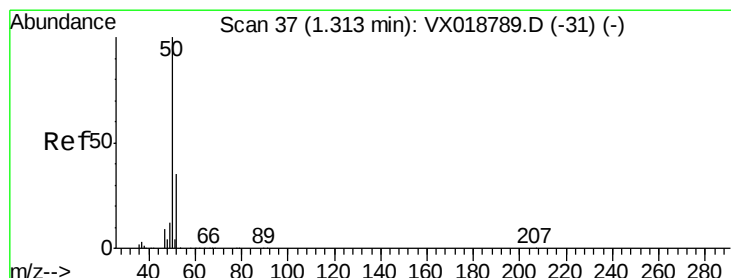
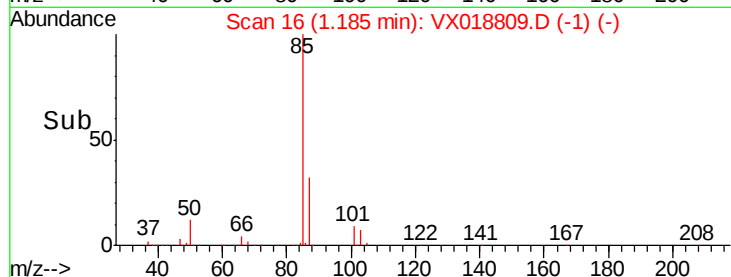
20000

10000

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Time-->

1.15 1.20 1.25



#3

Chloromethane

Concen: 5.288 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018809.D

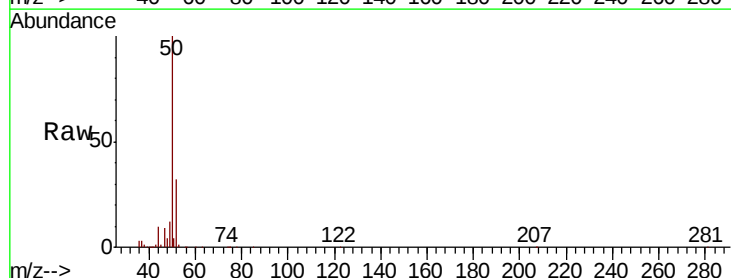
Acq: 06 Oct 2020 19:21

Tgt Ion: 50 Resp: 29731

Ion Ratio Lower Upper

50 100

52 32.4 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0

1.31

30000

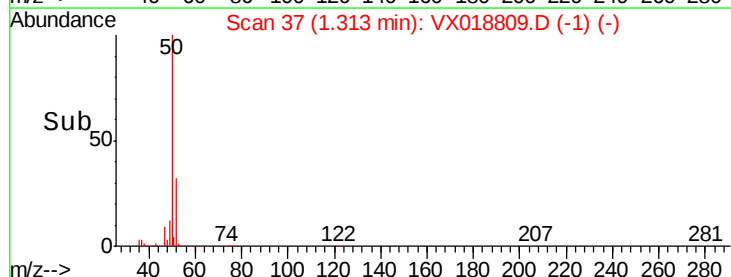
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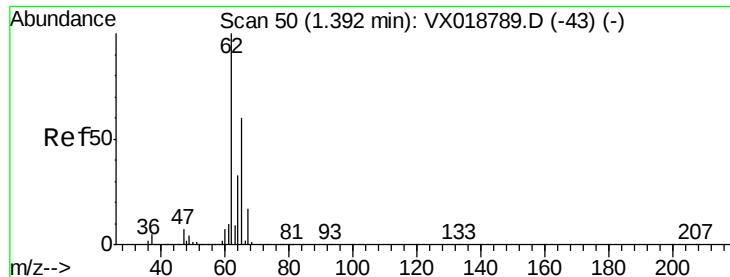
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Time-->

1.25 1.30 1.35





#5

Vinyl chloride

Concen: 5.257 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

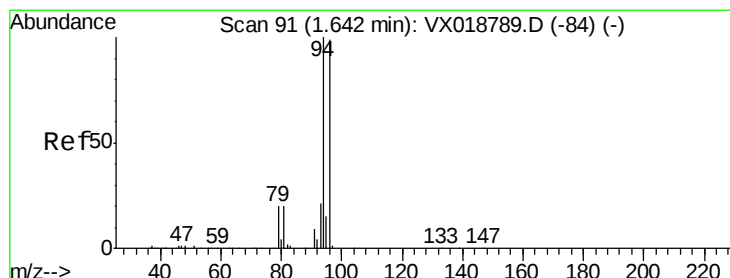
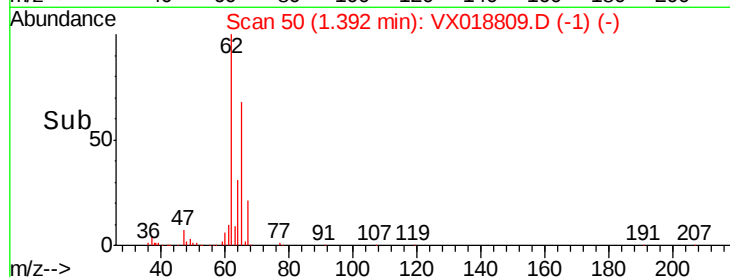
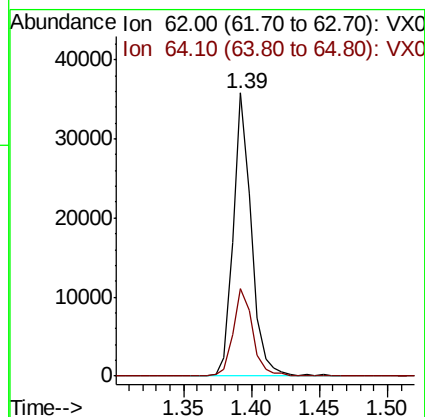
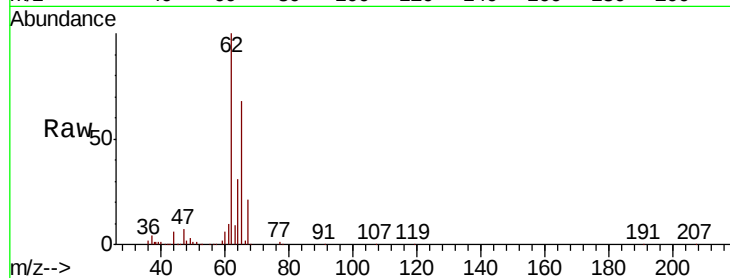
VSTD00596

Tot Ion: 62 Resp: 32973

Ion Ratio Lower Upper

62 100

64 30.9 24.3 45.1



#6

Bromomethane

Concen: 4.941 ug/L

RT: 1.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX018809.D

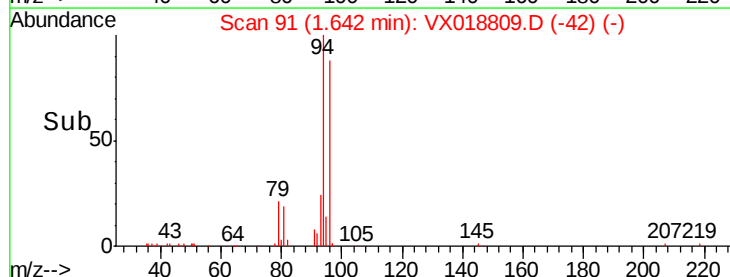
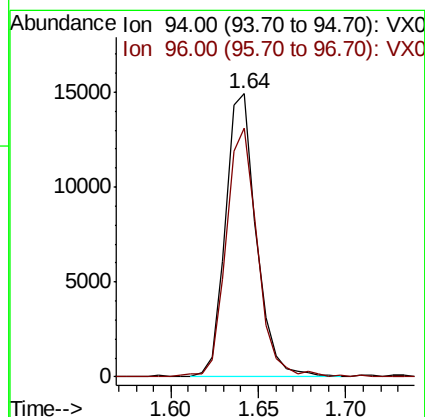
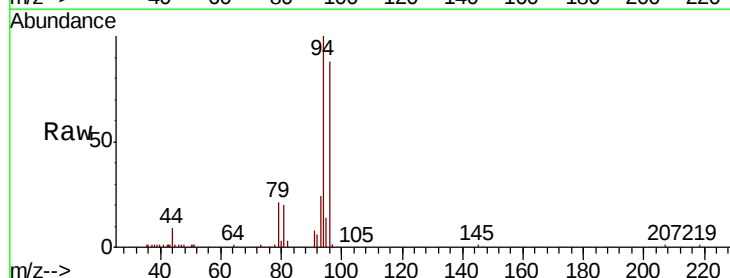
Acq: 06 Oct 2020 19:21

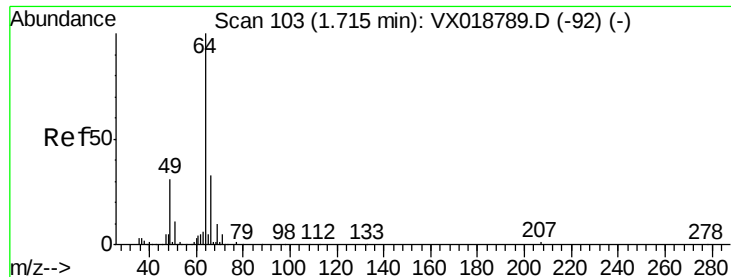
Tgt Ion: 94 Resp: 18365

Ion Ratio Lower Upper

94 100

96 87.9 63.5 117.9

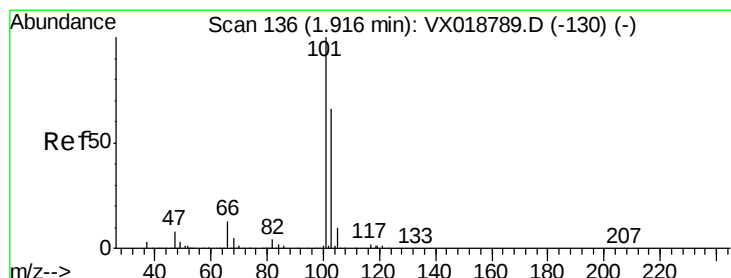
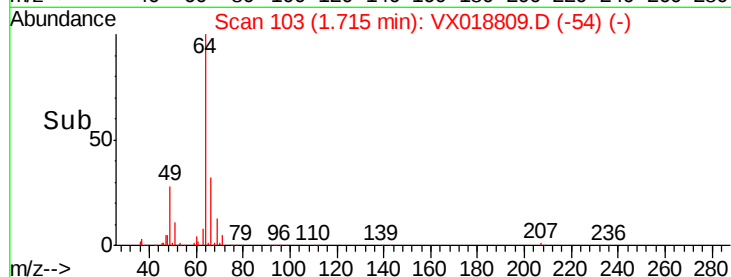
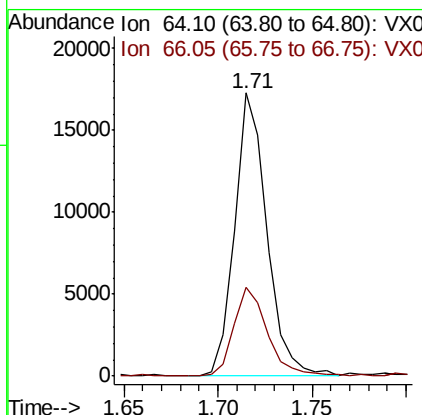
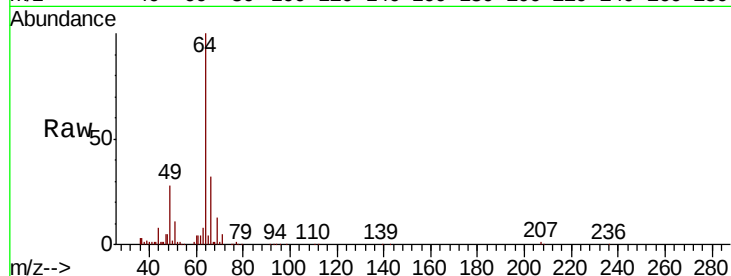




#8
Chloroethane
Concen: 5.375 ug/L
RT: 1.71 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

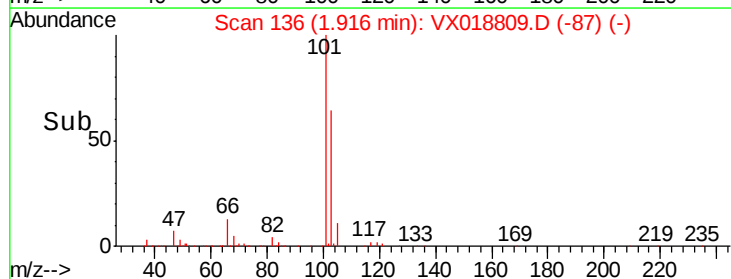
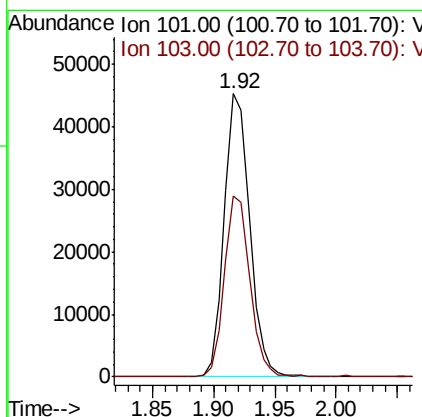
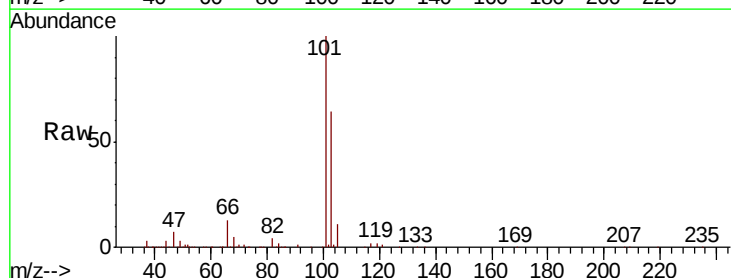
Instrument :
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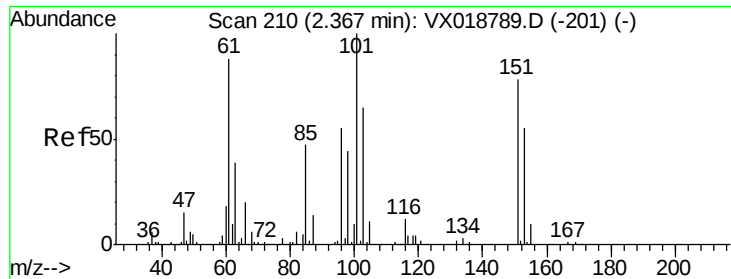
Tot Ion: 64 Resp: 20446
Ion Ratio Lower Upper
64 100
66 31.5 21.5 39.9



#9
Trichlorofluoromethane
Concen: 4.884 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

Tgt Ion: 101 Resp: 65366
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4





#10

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

Concen: 5.076 ug/L

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD00596

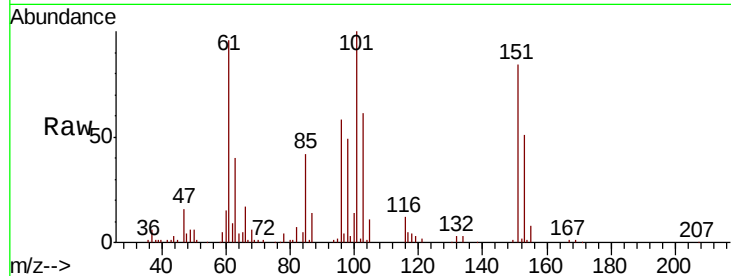
Tot Ion:101 Resp: 33132

Ion Ratio Lower Upper

101 100

85 46.5 37.1 55.7

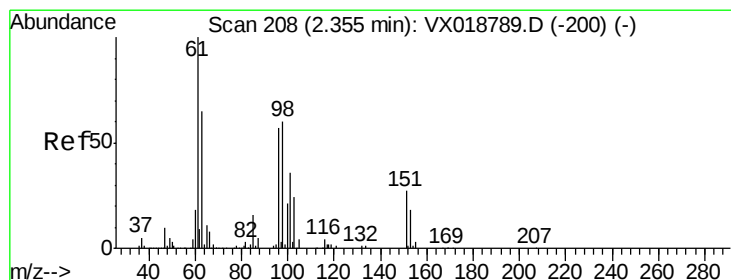
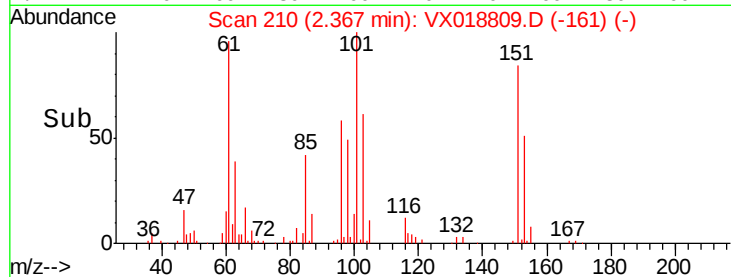
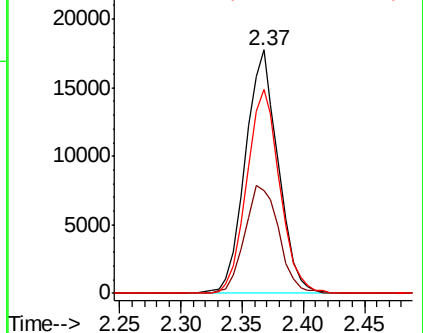
151 84.4 65.0 97.6



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: 5.284 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

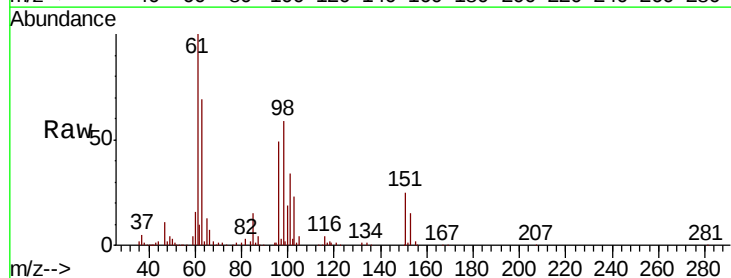
Tgt Ion: 96 Resp: 30597

Ion Ratio Lower Upper

96 100

61 203.4 133.2 247.4

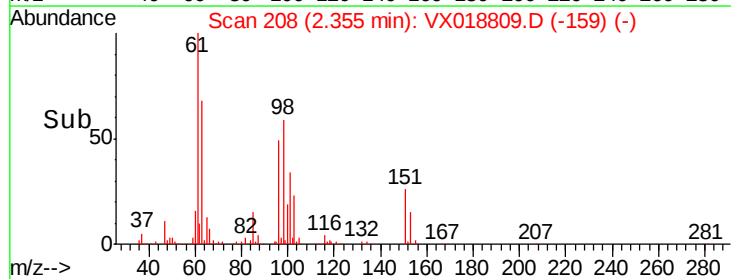
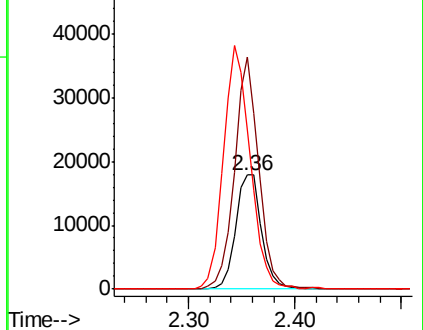
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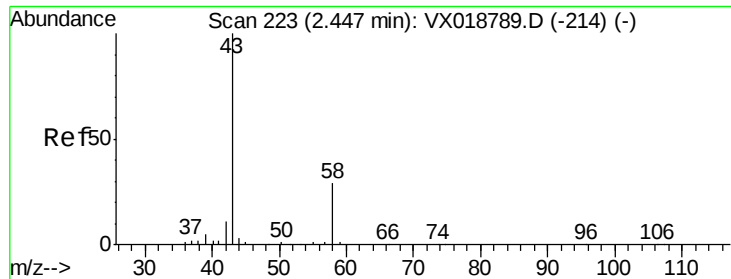


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 53.765 ug/L

RT: 2.46 min Scan# 226

Delta R.T. 0.02 min

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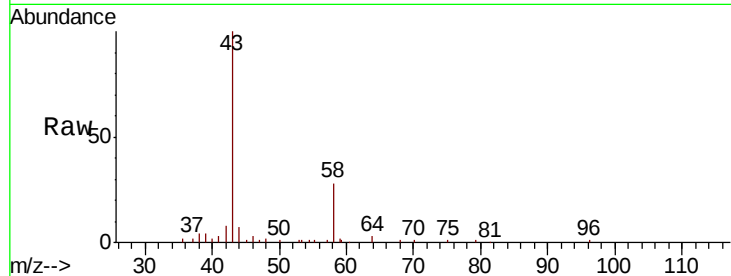
VSTD00596

Tot Ion: 43 Resp: 52278

Ion Ratio Lower Upper

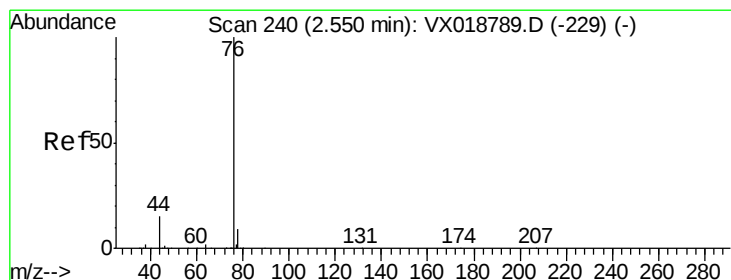
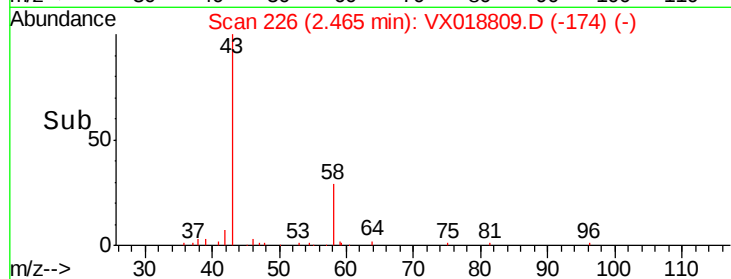
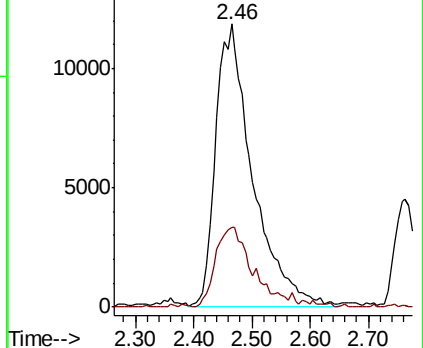
43 100

58 28.1 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 5.049 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018809.D

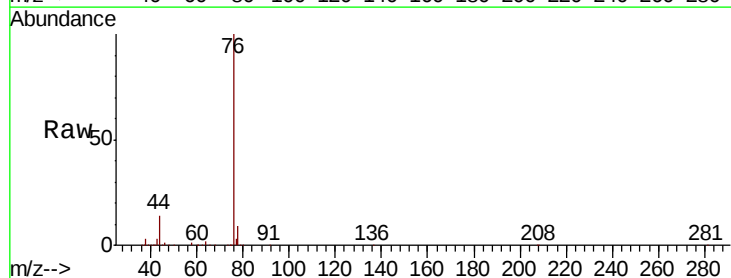
Acq: 06 Oct 2020 19:21

Tgt Ion: 76 Resp: 91498

Ion Ratio Lower Upper

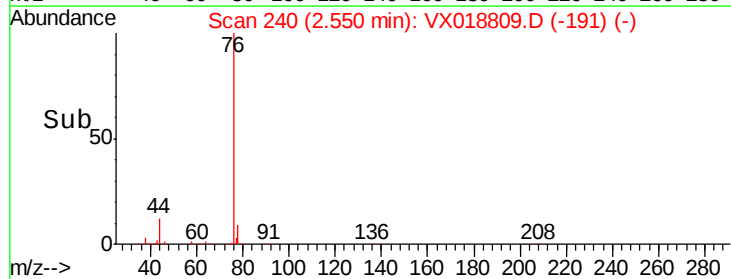
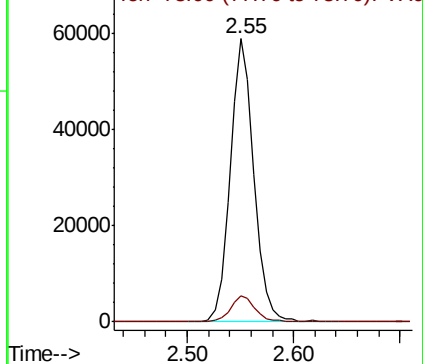
76 100

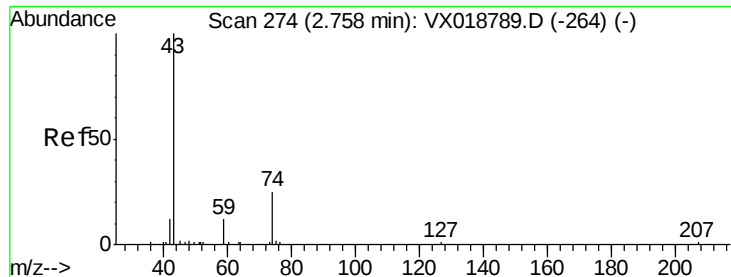
78 9.1 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

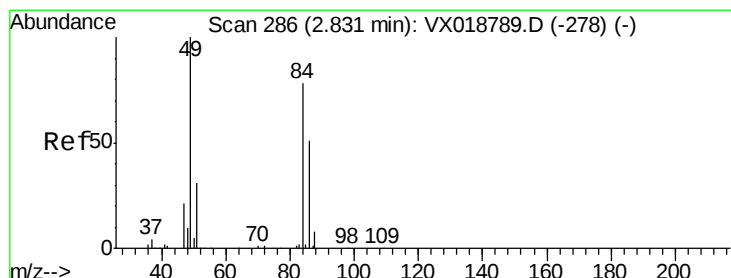
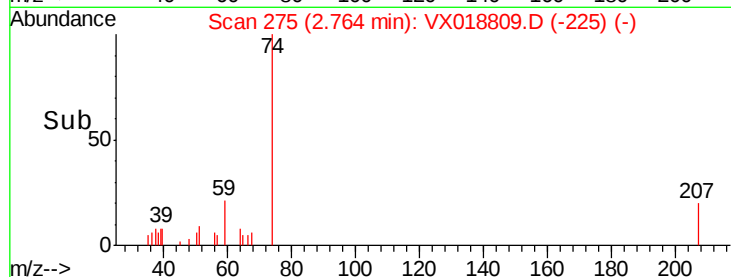
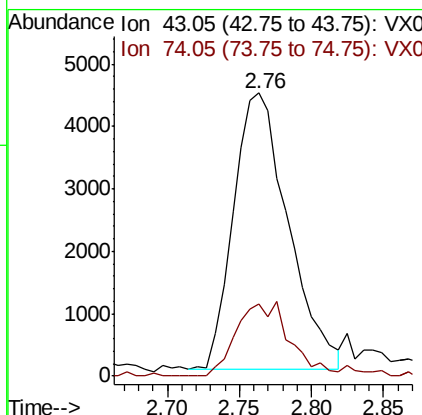
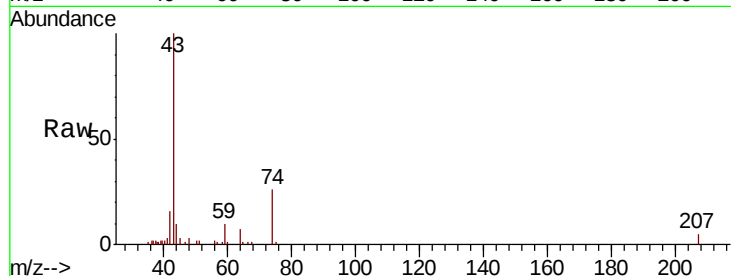




#15
Methyl Acetate
Concen: 4.916 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

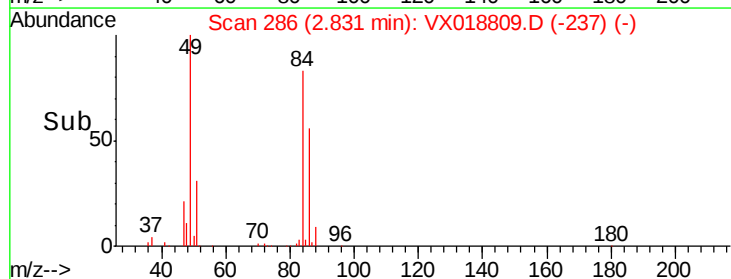
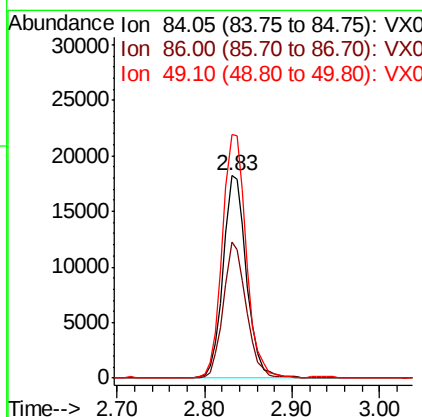
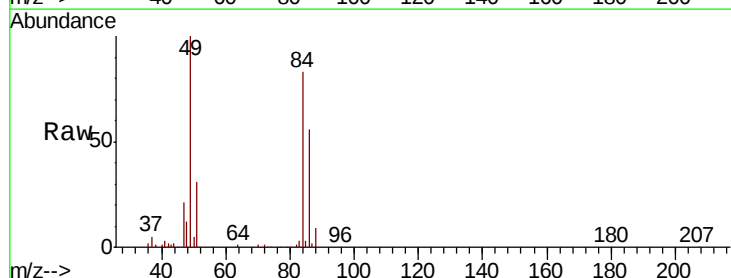
Instrument :
MSVOA_X
ClientSampleId :
VSTD00596

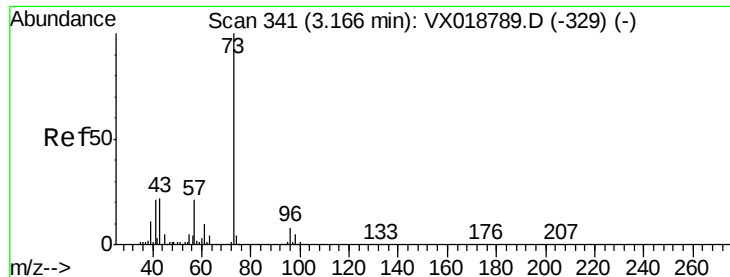
Tot Ion: 43 Resp: 11748
Ion Ratio Lower Upper
43 100
74 25.8 21.9 32.9



#16
Methylene chloride
Concen: 4.798 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

Tgt Ion: 84 Resp: 33685
Ion Ratio Lower Upper
84 100
86 66.9 45.6 84.8
49 120.2 85.8 159.3



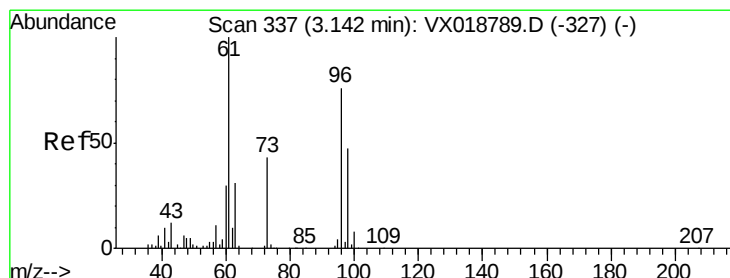
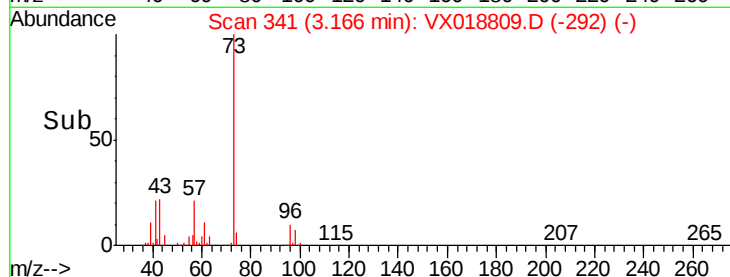
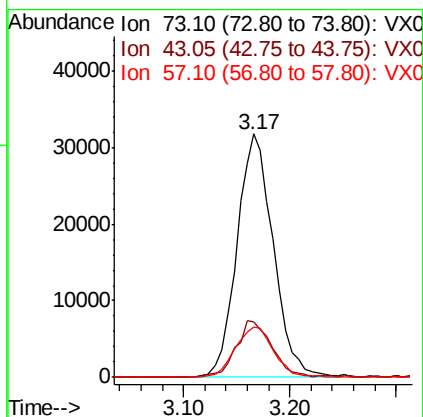
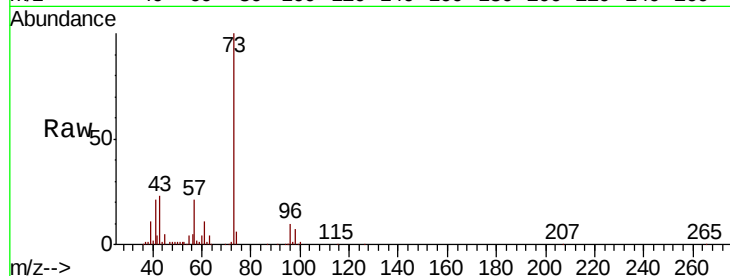


#17

Methyl tert-butyl Ether
 Concen: 5.083 ug/L
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

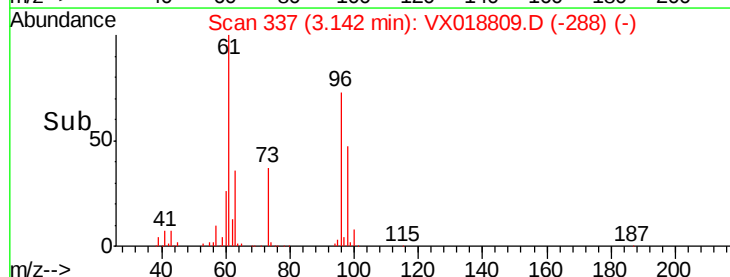
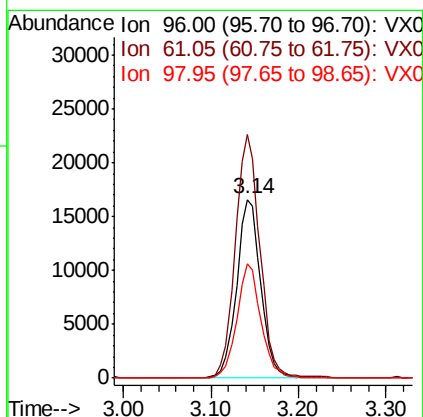
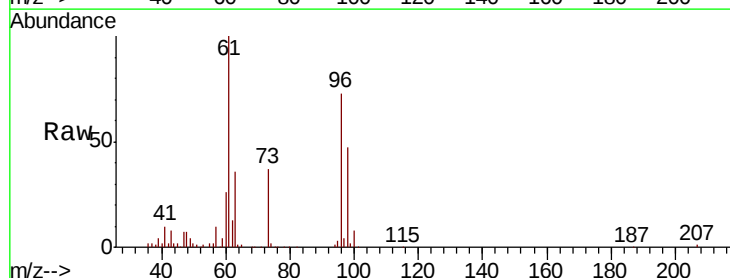
Tot Ion: 73 Resp: 75918
 Ion Ratio Lower Upper
 73 100
 43 22.2 19.4 29.0
 57 22.1 17.2 25.8

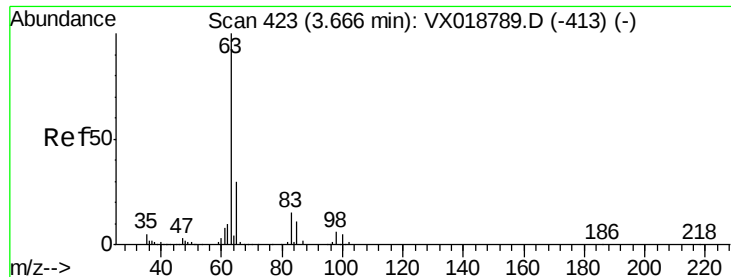


#18

trans-1,2-Dichloroethene
 Concen: 5.161 ug/L
 RT: 3.14 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Tgt Ion: 96 Resp: 31996
 Ion Ratio Lower Upper
 96 100
 61 136.3 97.6 181.4
 98 64.3 43.1 80.1

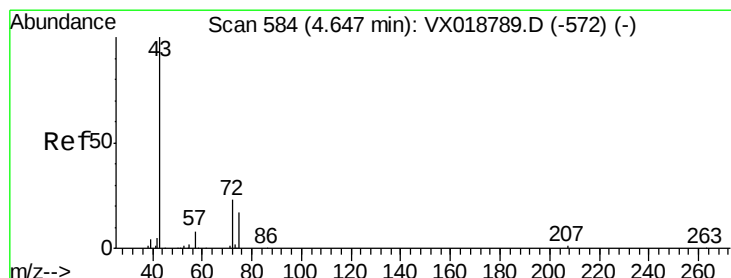
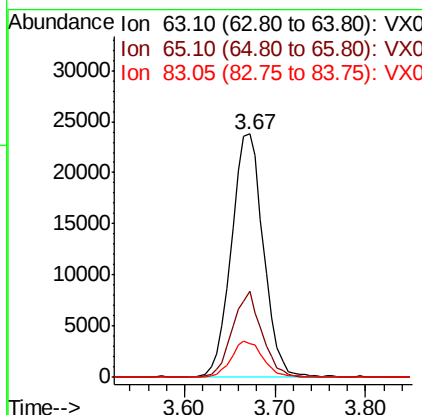
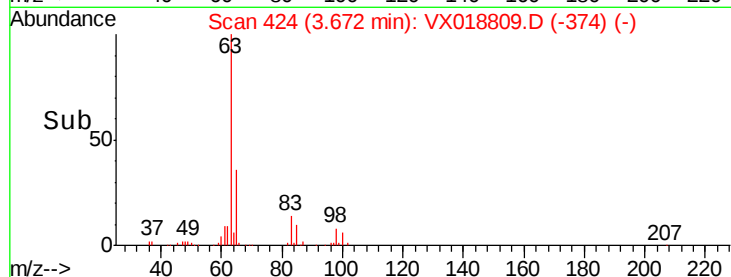
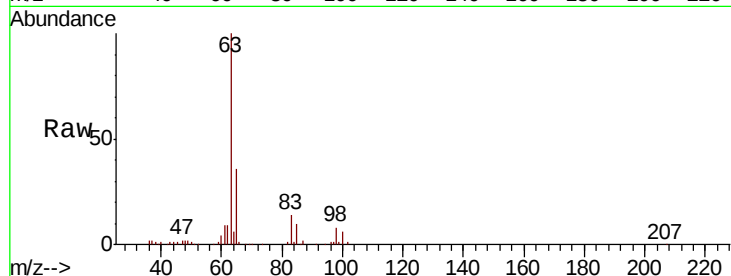




#19
 1,1-Dichloroethane
 Concen: 5.299 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

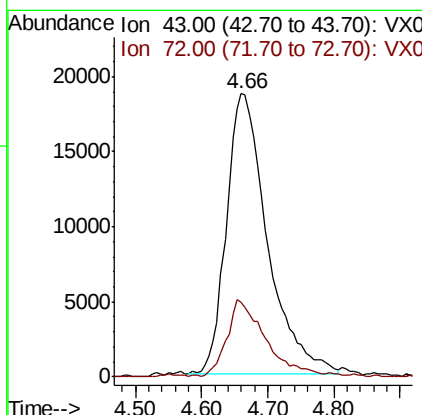
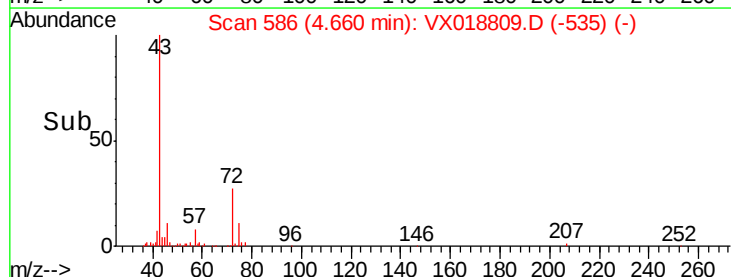
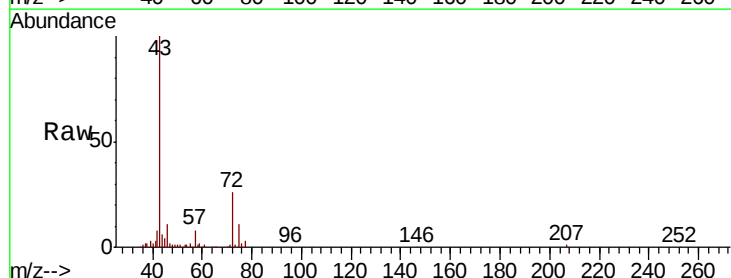
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

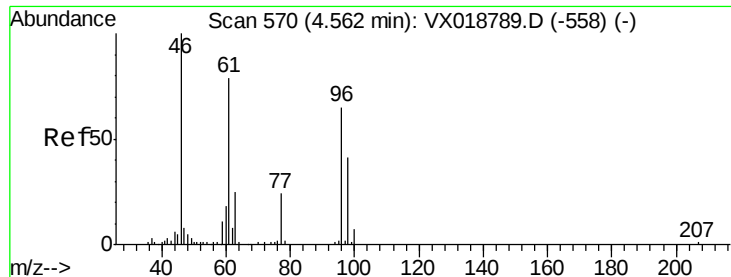
Tot Ion: 63 Resp: 58404
 Ion Ratio Lower Upper
 63 100
 65 35.6 21.6 40.2
 83 14.0 8.7 16.1



#21
 2-Butanone
 Concen: 57.041 ug/L
 RT: 4.66 min Scan# 586
 Delta R.T. 0.01 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Tgt Ion: 43 Resp: 80743
 Ion Ratio Lower Upper
 43 100
 72 25.2 12.4 37.2



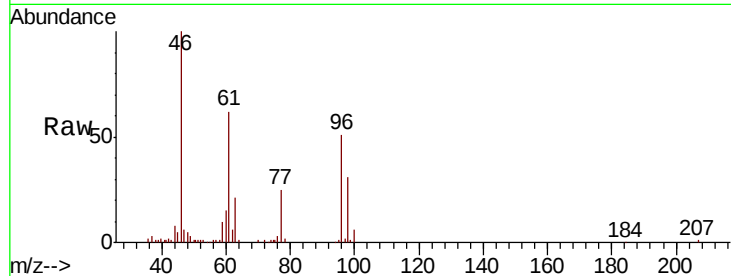


#22

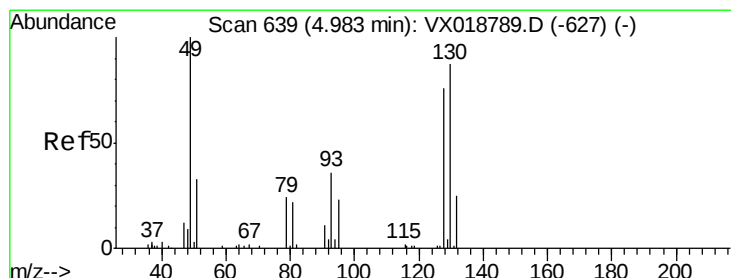
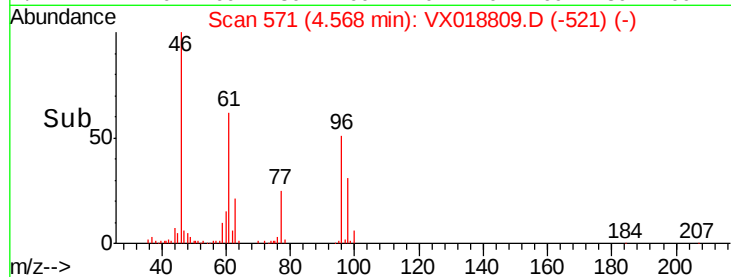
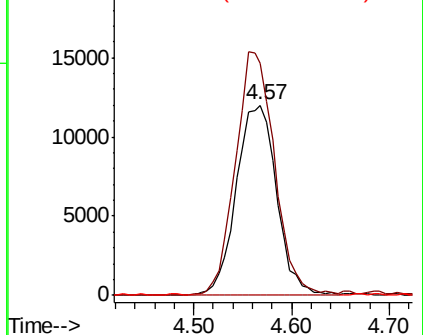
cis-1,2-Dichloroethene
Concen: 5.387 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

Instrument :
MSVOA_X
ClientSampleId :
VSTD00596

Tot Ion: 96 Resp: 34446
Ion Ratio Lower Upper
96 100
61 121.8 86.2 160.0
68 0.0 0.3 0.7#



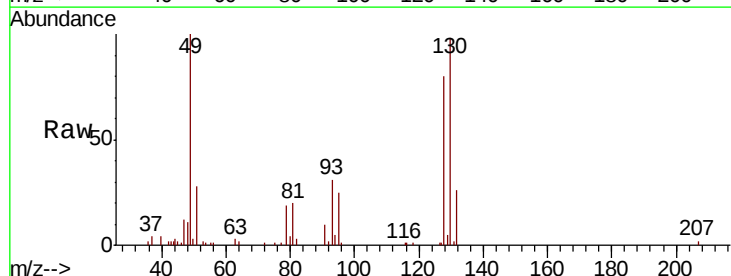
Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 68.15 (67.85 to 68.85): VX0



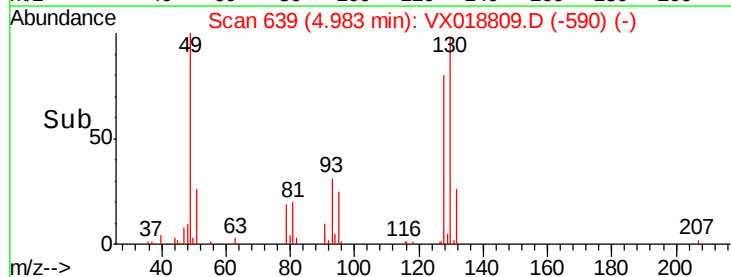
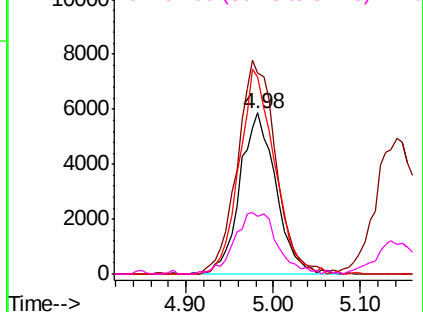
#23

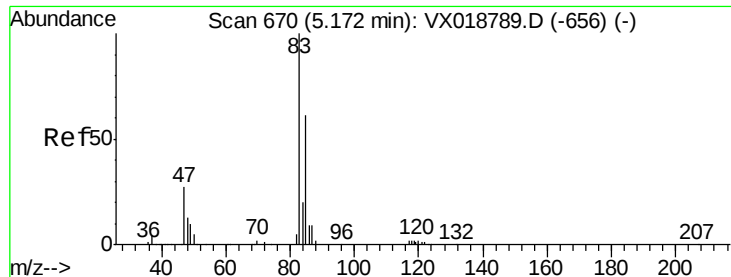
Bromochloromethane
Concen: 5.202 ug/L
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

Tgt Ion:128 Resp: 16862
Ion Ratio Lower Upper
128 100
49 124.8 94.5 175.5
130 122.6 88.2 163.8
51 35.4 33.9 50.9



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VX0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VX0

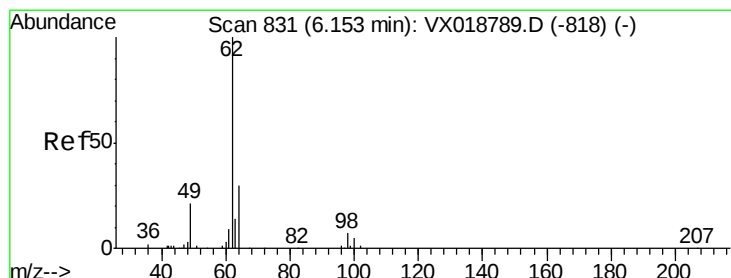
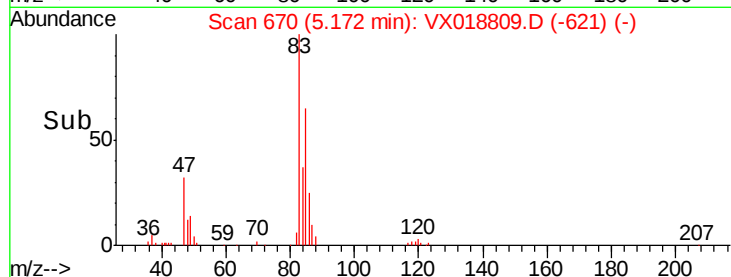
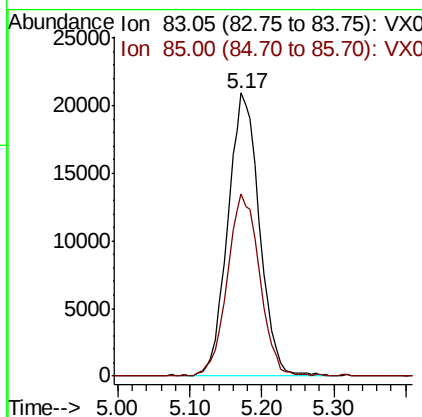
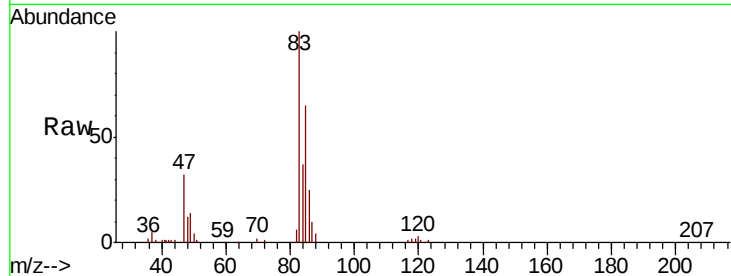




#25
Chloroform
Concen: 5.045 ug/L
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

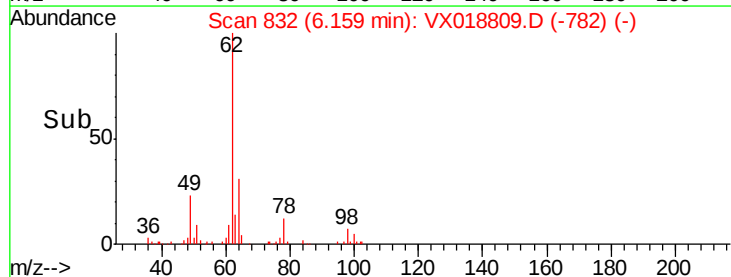
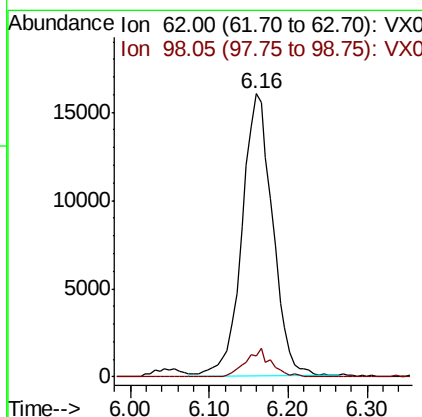
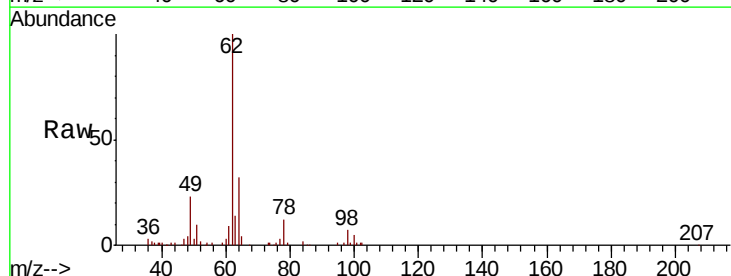
Instrument :
MSVOA_X
ClientSampleId :
VSTD00596

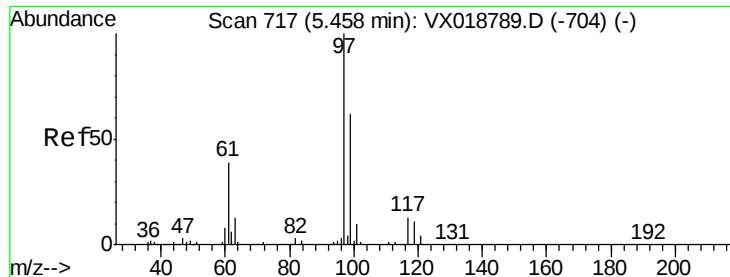
Tot Ion: 83 Resp: 63549
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8



#27
1,2-Dichloroethane
Concen: 4.725 ug/L
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

Tgt Ion: 62 Resp: 43238
Ion Ratio Lower Upper
62 100
98 7.5 5.8 8.8

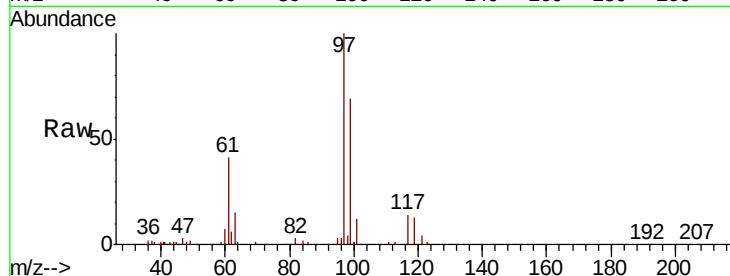




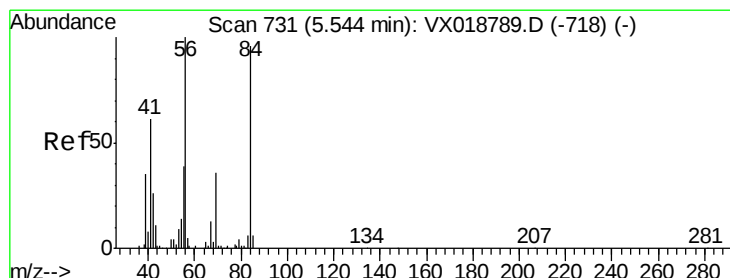
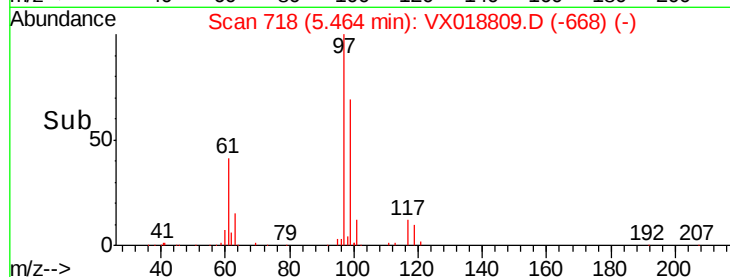
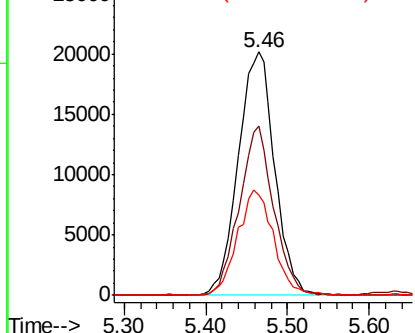
#29
 1,1,1-Trichloroethane
 Concen: 4.744 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

Tot Ion: 97 Resp: 62425
 Ion Ratio Lower Upper
 97 100
 99 65.6 51.3 76.9
 61 42.6 33.3 49.9

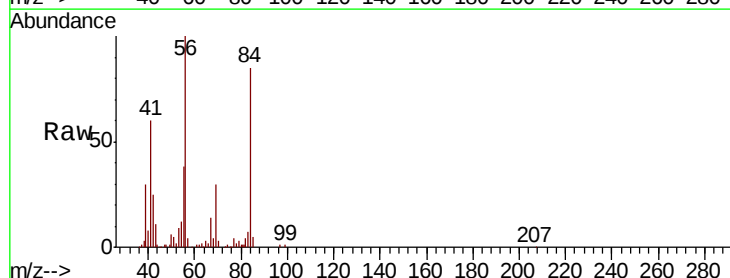


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 61.05 (60.75 to 61.75): VX0

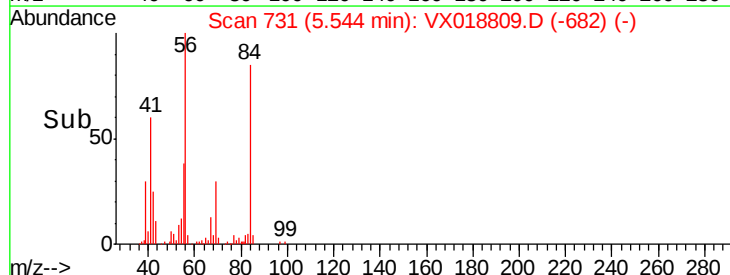
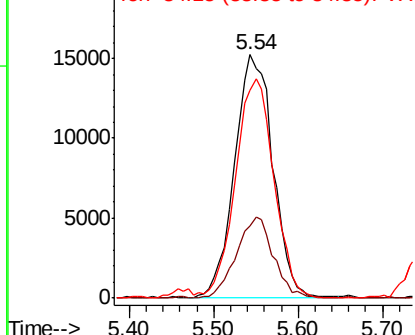


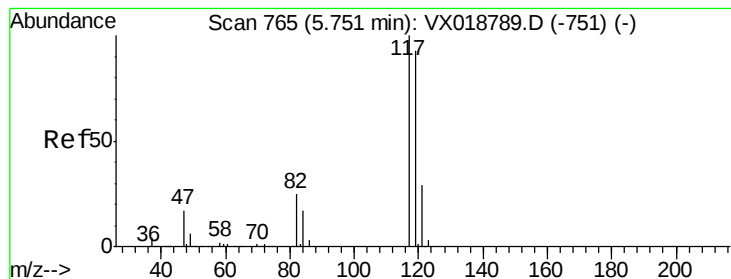
#30
 Cyclohexane
 Concen: 5.170 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Tgt Ion: 56 Resp: 47189
 Ion Ratio Lower Upper
 56 100
 69 32.1 26.0 39.0
 84 89.8 73.8 110.6



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: 4.732 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

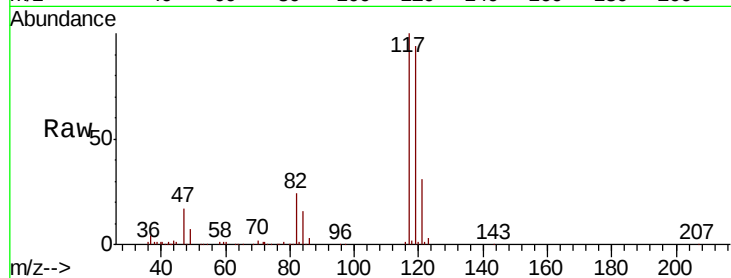
VSTD00596

Tot Ion:117 Resp: 57433

Ion Ratio Lower Upper

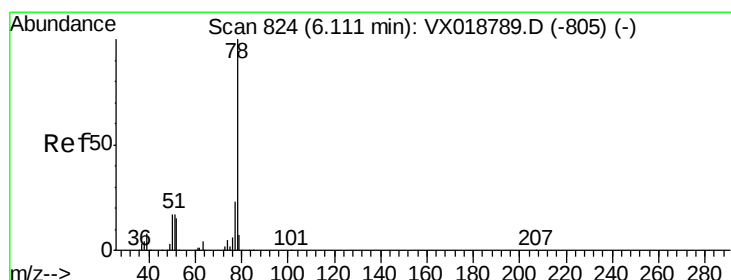
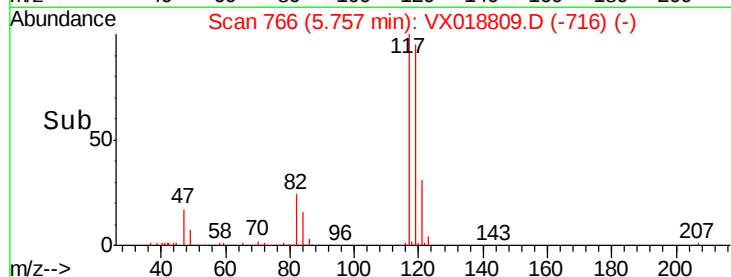
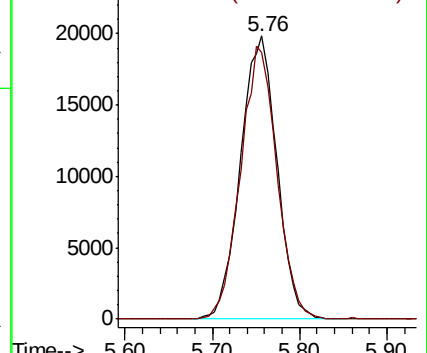
117 100

119 96.0 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.437 ug/L

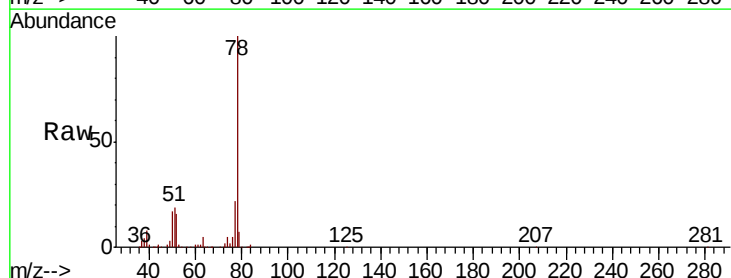
RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

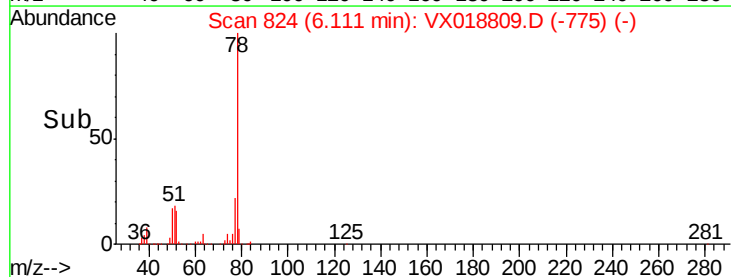
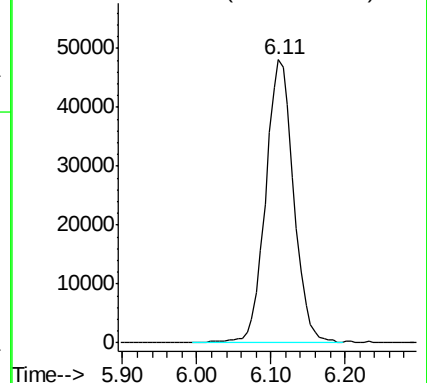
Lab File: VX018809.D

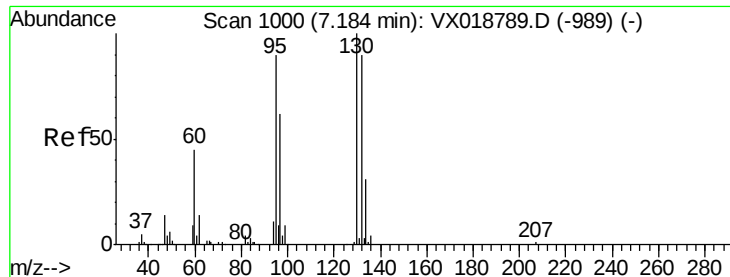
Acq: 06 Oct 2020 19:21

Tgt Ion: 78 Resp: 126661



Abundance Ion 78.10 (77.80 to 78.80): VX0

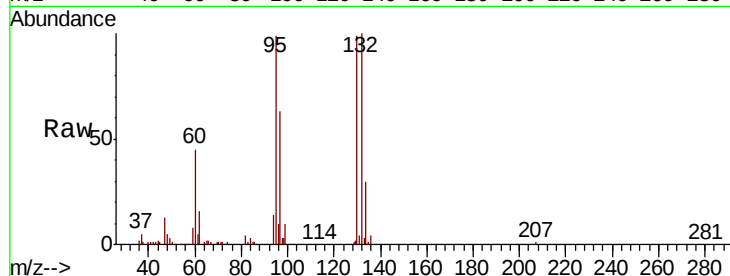




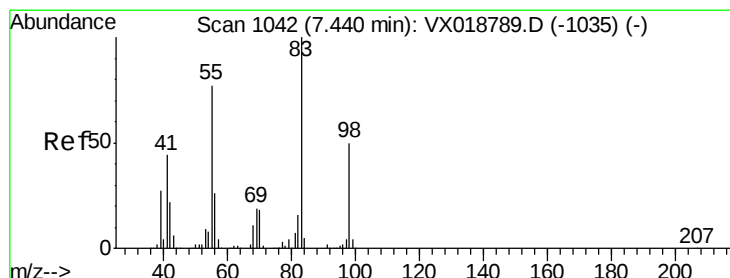
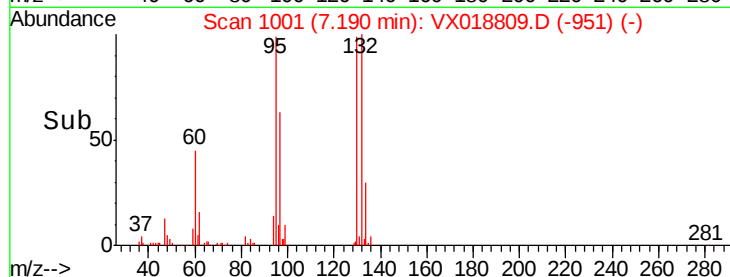
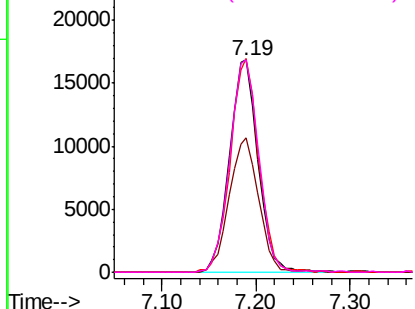
#34
 Trichloroethene
 Concen: 5.175 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Instrument :
 MSVOA_X
 ClientSampled :
 VSTD00596

Tot Ion: 95 Resp: 35594
 Ion Ratio Lower Upper
 95 100
 97 63.2 45.3 84.1
 132 100.8 68.6 127.4
 130 100.0 74.5 138.3

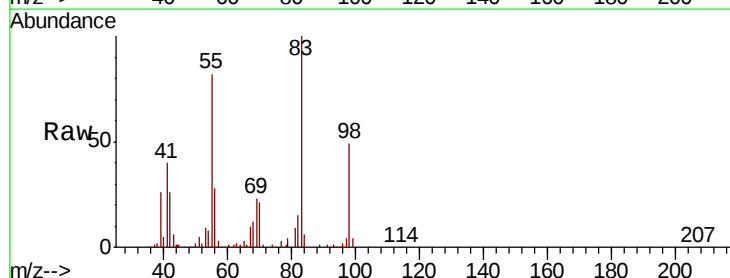


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 96.95 (96.65 to 97.65): VX0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

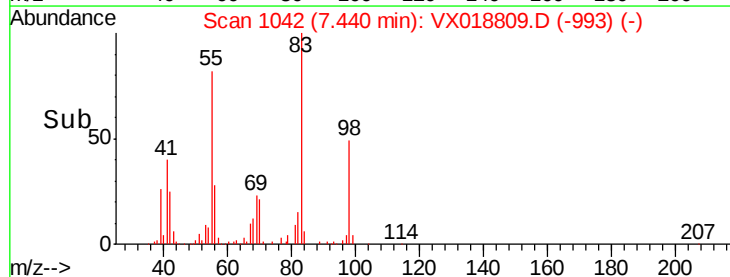
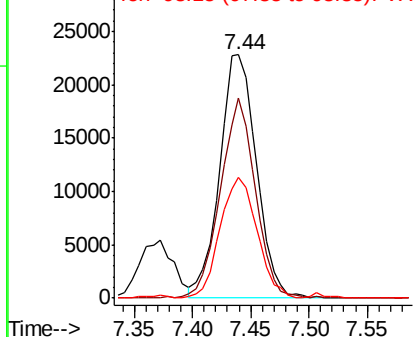


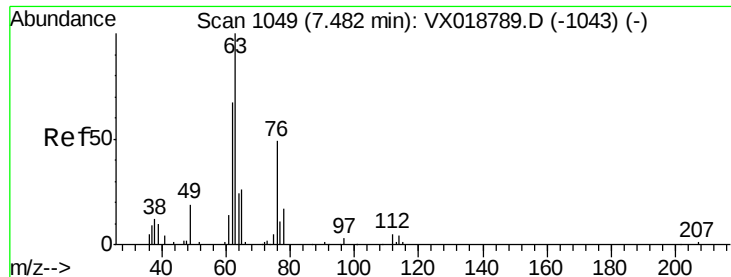
#35
 Methylcyclohexane
 Concen: 5.125 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Tgt Ion: 83 Resp: 49951
 Ion Ratio Lower Upper
 83 100
 55 78.5 60.3 90.5
 98 50.0 39.4 59.0



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

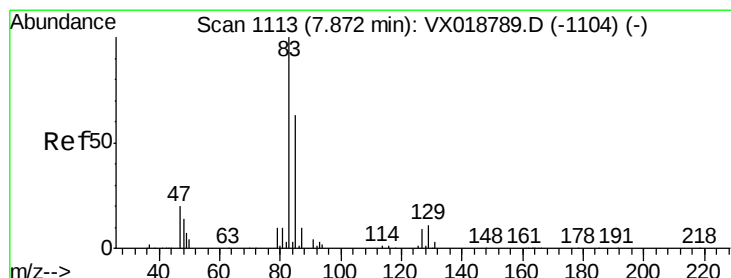
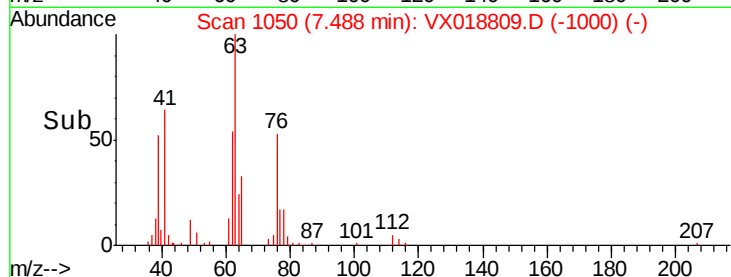
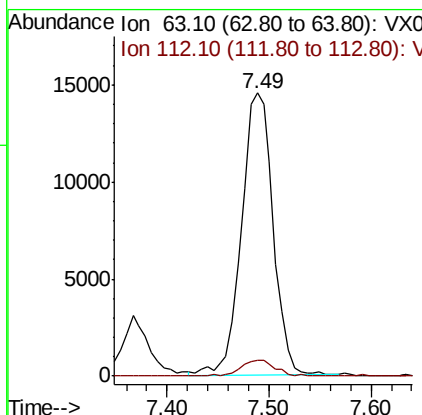
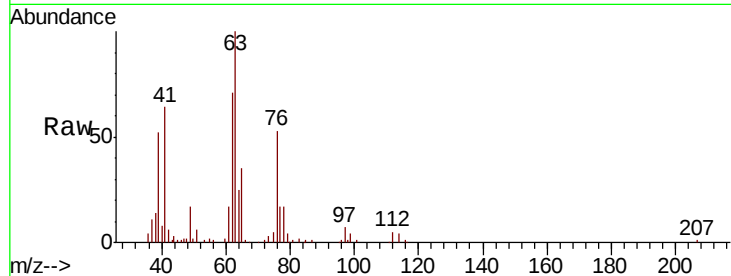




#37
 1,2-Dichloropropane
 Concen: 5.375 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

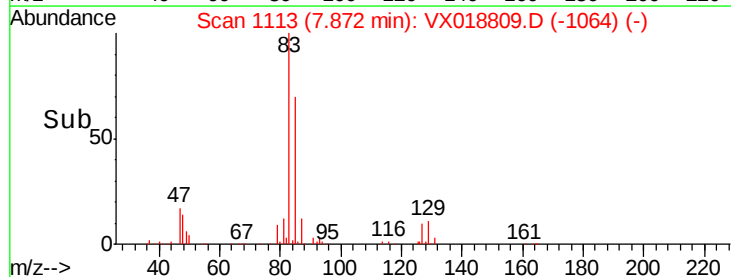
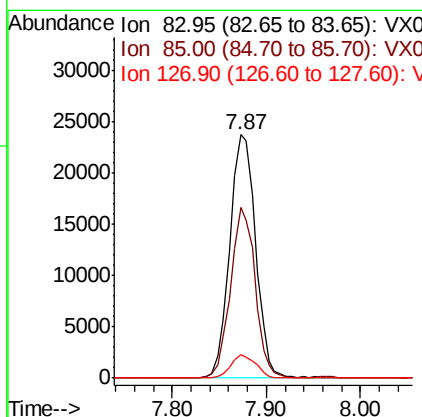
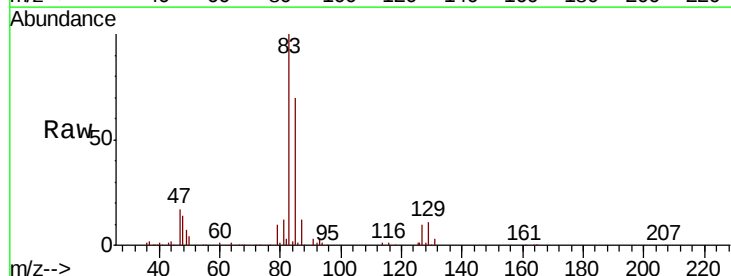
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

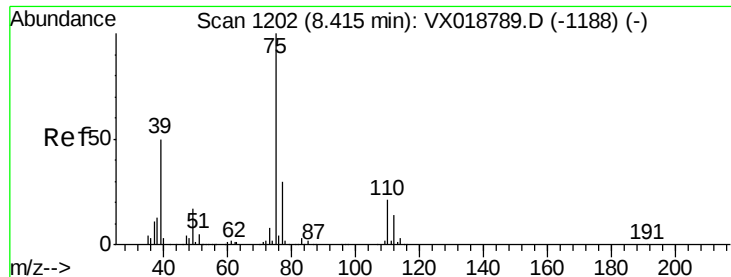
Tot Ion: 63 Resp: 31370
 Ion Ratio Lower Upper
 63 100
 112 6.0 4.7 7.1



#38
 Bromodichloromethane
 Concen: 4.882 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Tgt Ion: 83 Resp: 45437
 Ion Ratio Lower Upper
 83 100
 85 70.1 46.6 86.6
 127 9.5 9.9 14.9#

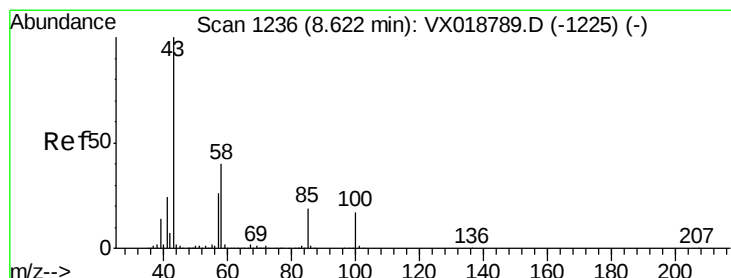
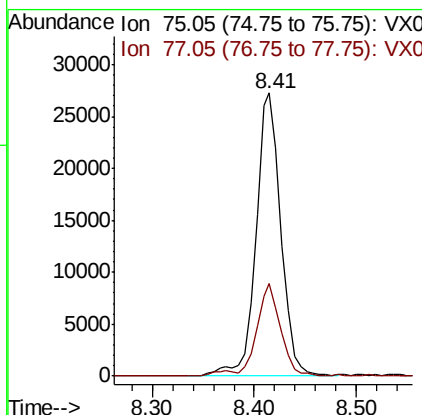
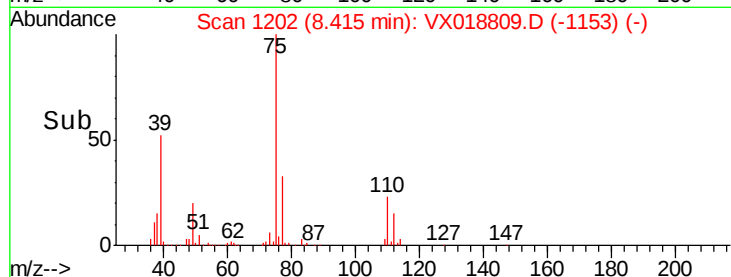
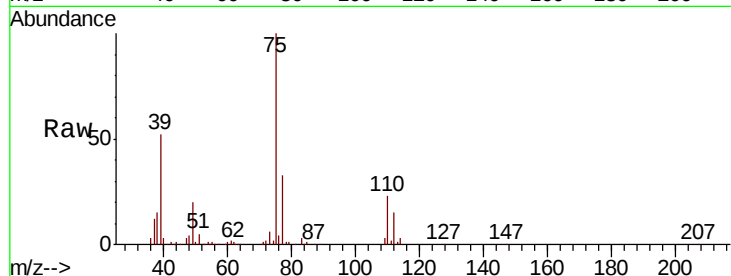




#39
 cis-1,3-Dichloropropene
 Concen: 4.998 ug/L
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

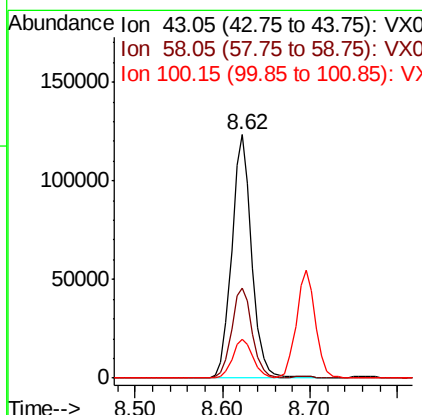
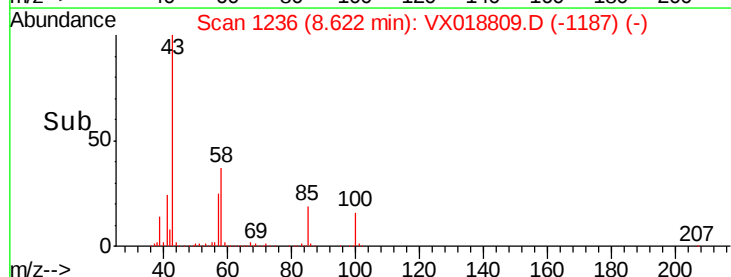
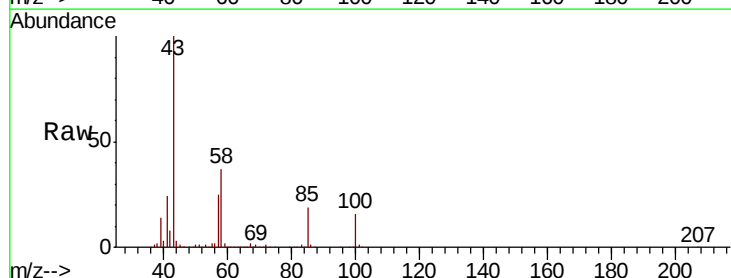
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

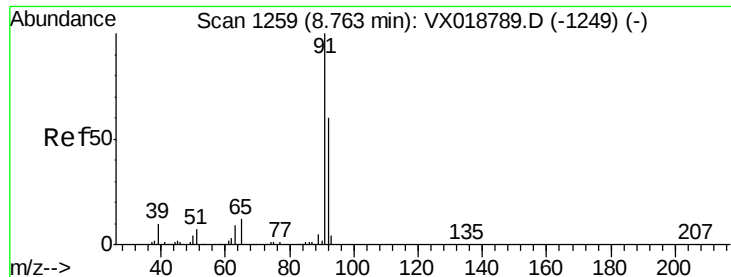
Tot Ion: 75 Resp: 46558
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 58.055 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Tgt Ion: 43 Resp: 196280
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.8 46.2
 100 16.5 13.2 19.8





#42

Toluene

Concen: 5.476 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

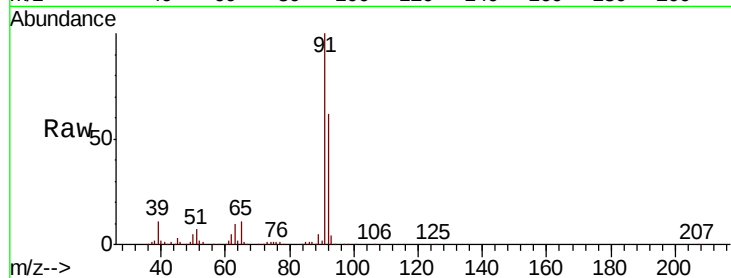
VSTD00596

Tot Ion: 91 Resp: 139591

Ion Ratio Lower Upper

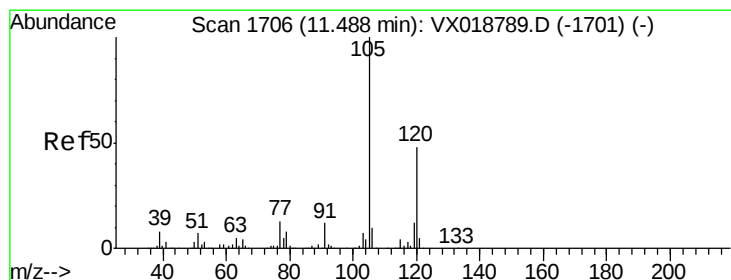
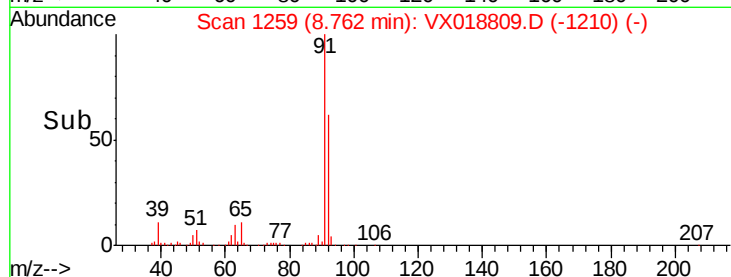
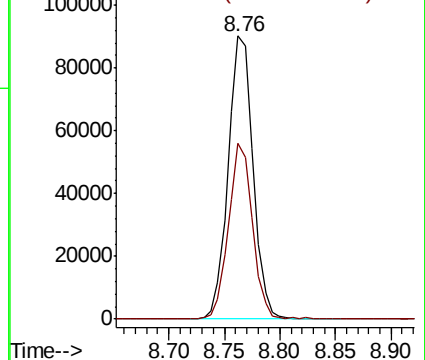
91 100

92 61.9 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#43

1,3,5-Trimethylbenzene

Concen: 4.983 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018809.D

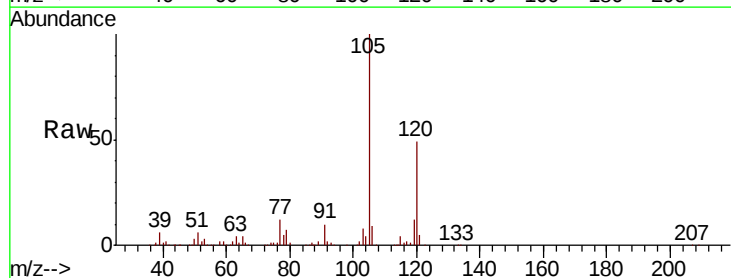
Acq: 06 Oct 2020 19:21

Tgt Ion:105 Resp: 120210

Ion Ratio Lower Upper

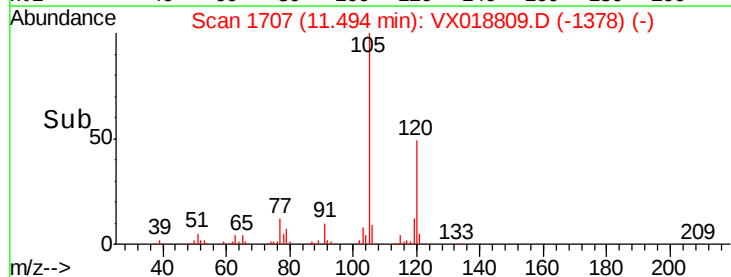
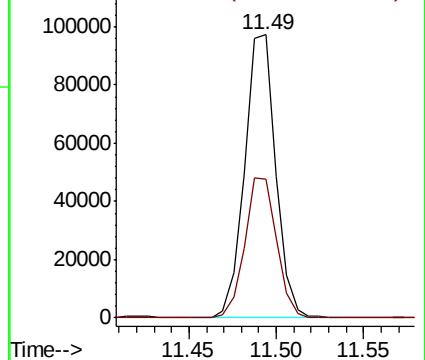
105 100

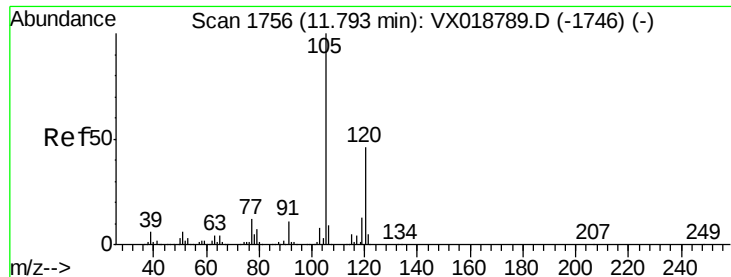
120 50.6 37.7 56.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#44

1,2,4-Trimethylbenzene

Concen: 5.065 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

Instrument :

MSVOA_X

ClientSampled :

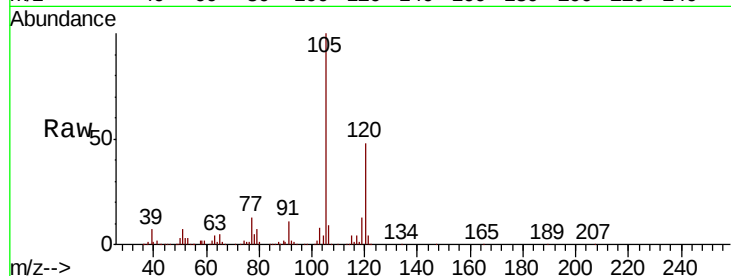
VSTD00596

Tot Ion:105 Resp: 124023

Ion Ratio Lower Upper

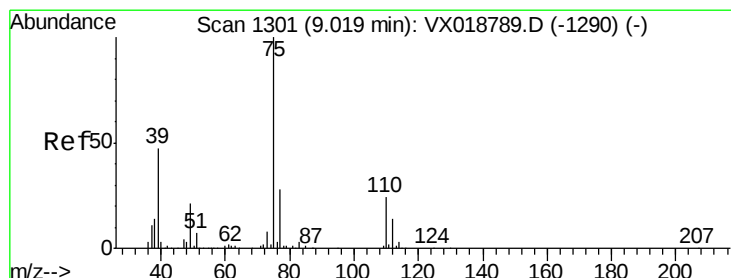
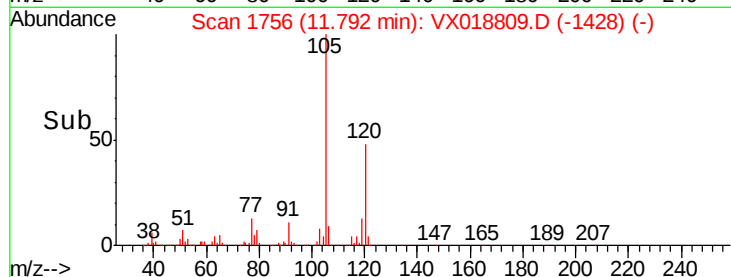
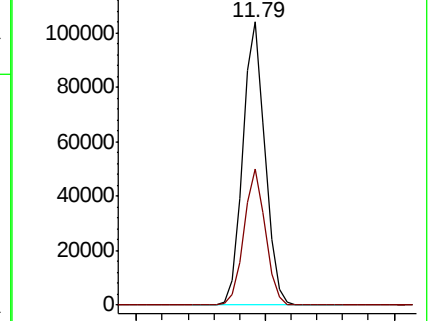
105 100

120 46.5 35.1 52.7



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: 5.133 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX018809.D

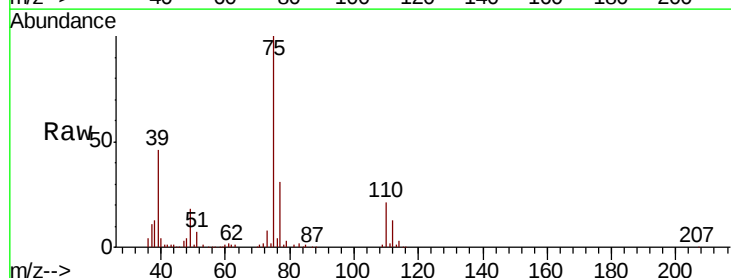
Acq: 06 Oct 2020 19:21

Tgt Ion: 75 Resp: 44144

Ion Ratio Lower Upper

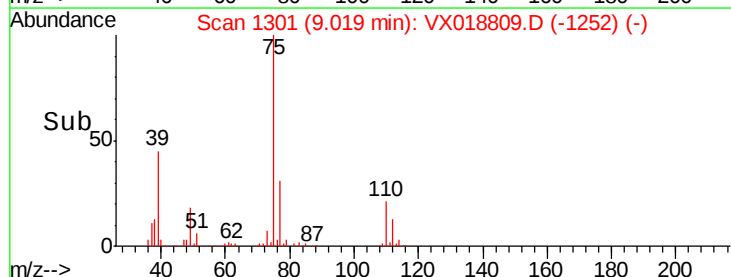
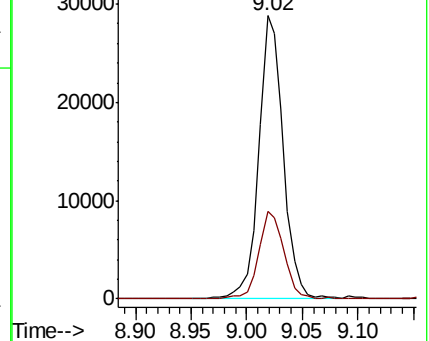
75 100

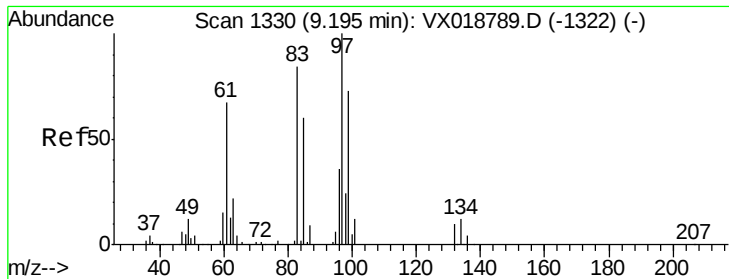
77 30.9 19.9 37.0



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

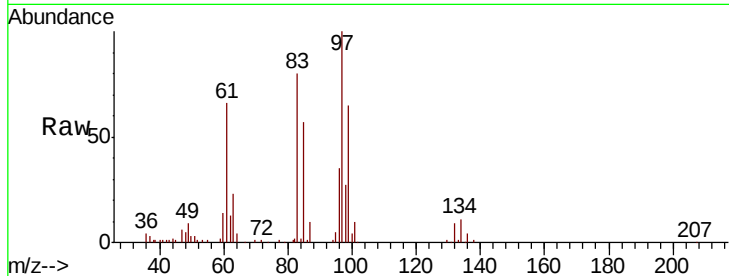




#47
 1,1,2-Trichloroethane
 Concen: 5.245 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

Tot Ion:	97	Resp:	23099
Ion	Ratio	Lower	Upper
97	100		
99	65.2	41.1	76.3
83	80.5	57.5	106.7
85	57.1	36.9	68.5



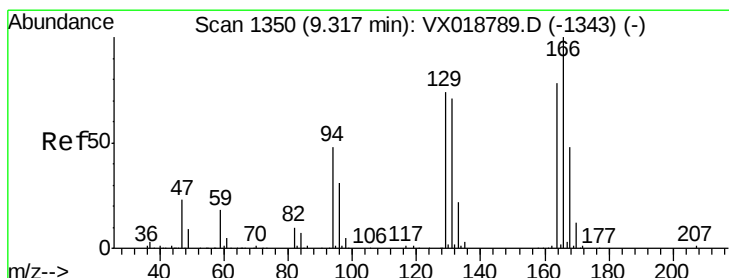
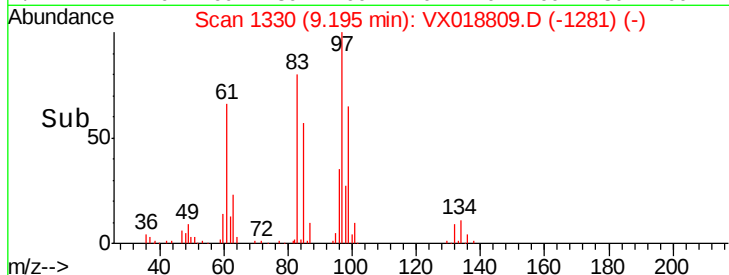
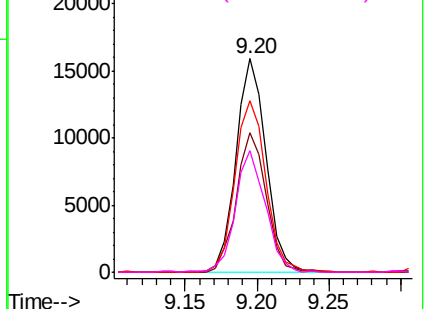
Abundance

Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

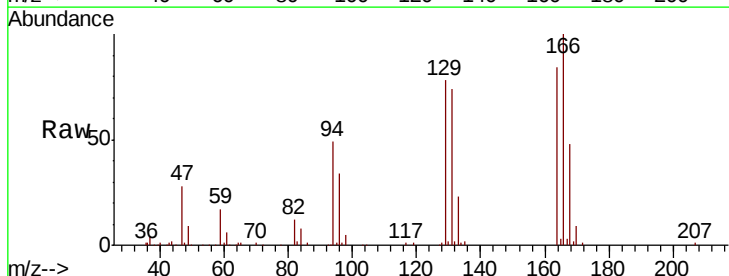
Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0



#49
 Tetrachloroethene
 Concen: 4.980 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Tgt Ion:	164	Resp:	29940
Ion	Ratio	Lower	Upper
164	100		
129	92.9	68.7	127.5
131	88.6	65.3	121.3
166	119.3	88.5	164.4



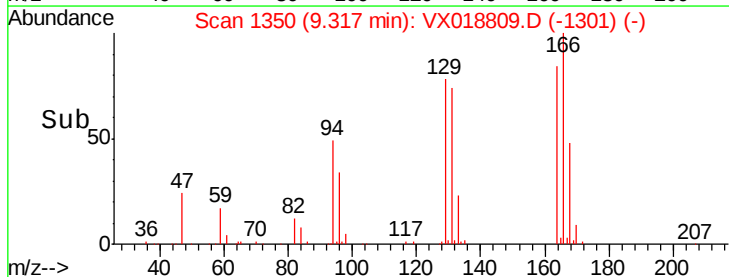
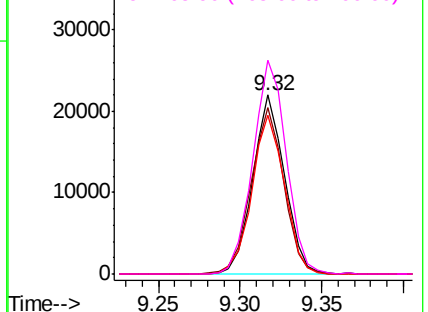
Abundance

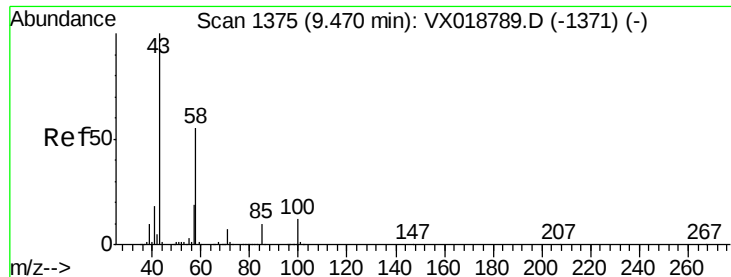
Ion 163.90 (163.60 to 164.60): V

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

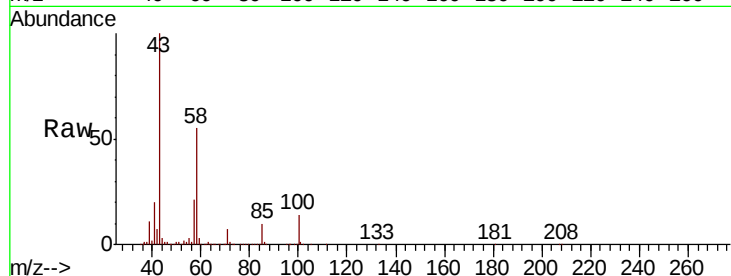




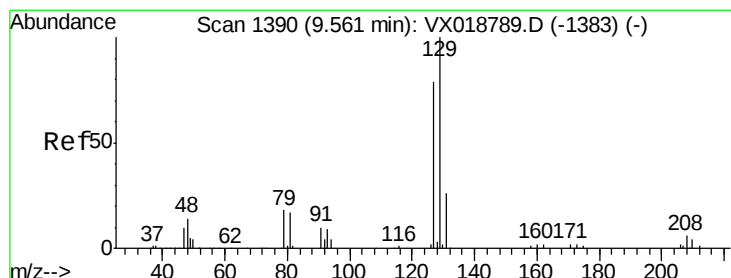
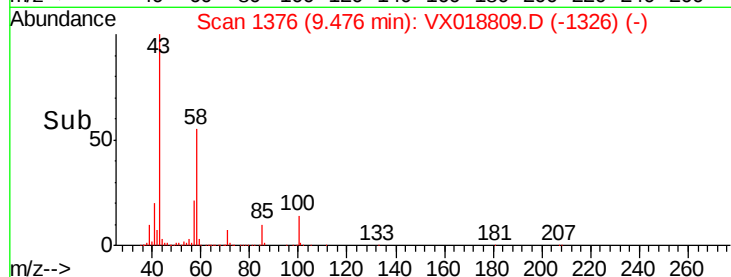
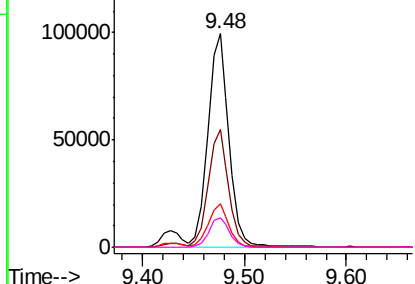
#50
2-Hexanone
Concen: 57.800 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

Instrument :
MSVOA_X
ClientSampled :
VSTD00596

Tot Ion:	43	Resp:	141930
Ion	Ratio	Lower	Upper
43	100		
58	53.7	41.0	61.4
57	19.8	15.9	23.9
100	13.8	10.1	15.1

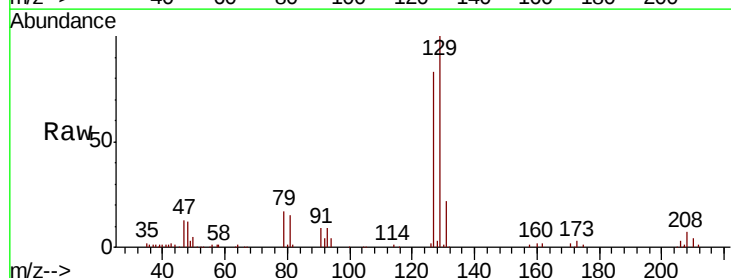


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

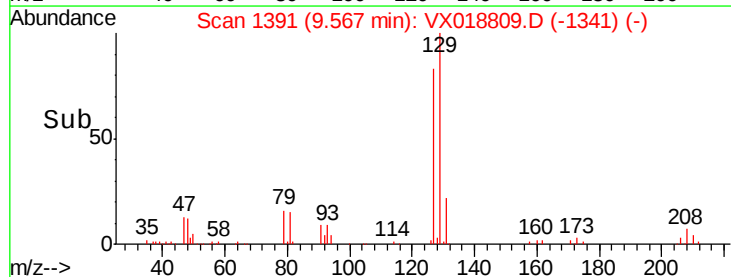
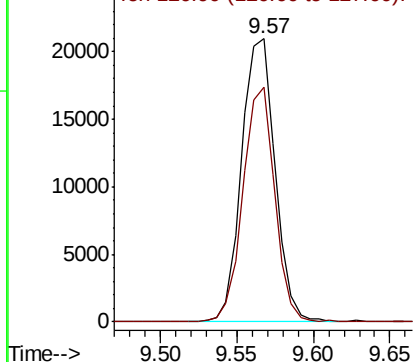


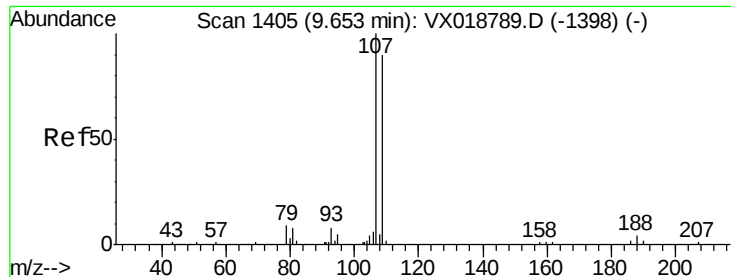
#51
Dibromochloromethane
Concen: 4.978 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

Tgt Ion:	129	Resp:	31864
Ion	Ratio	Lower	Upper
129	100		
127	83.1	54.5	101.1



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





#52

1,2-Dibromoethane

Concen: 5.007 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD00596

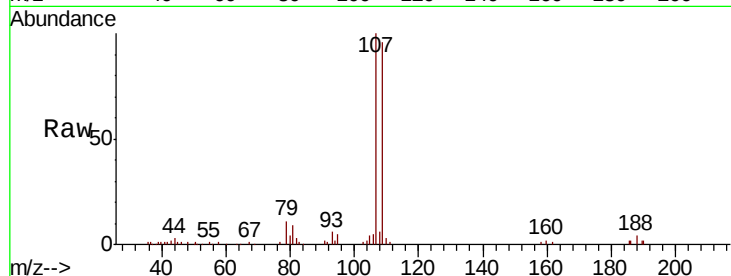
Tot Ion:107 Resp: 22295

Ion Ratio Lower Upper

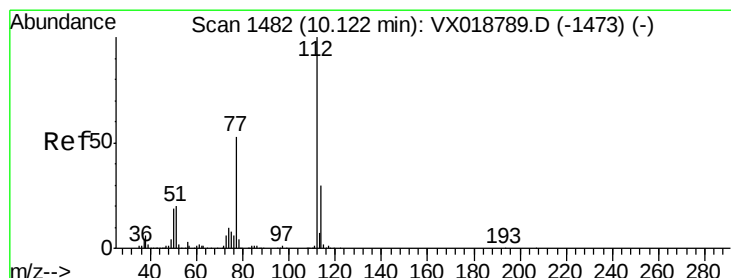
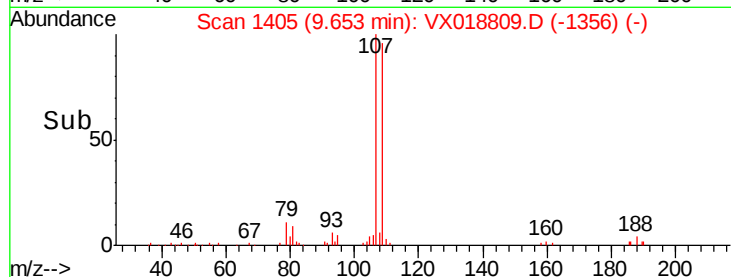
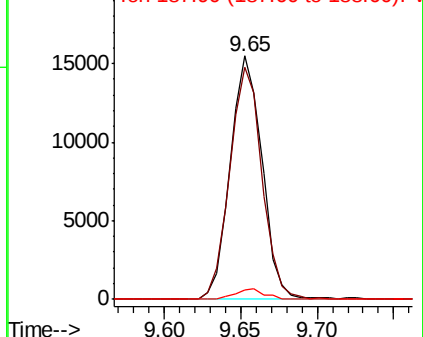
107 100

109 95.6 68.7 127.5

188 3.6 4.5 6.7#



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: 5.232 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

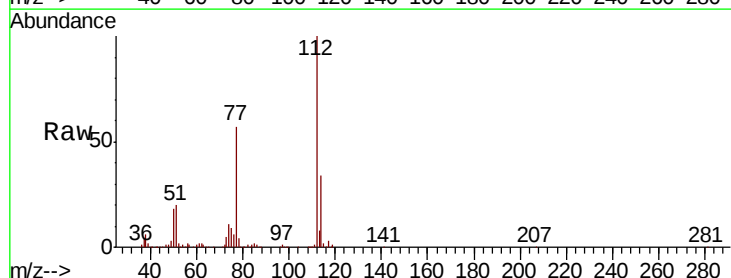
Tgt Ion:112 Resp: 91229

Ion Ratio Lower Upper

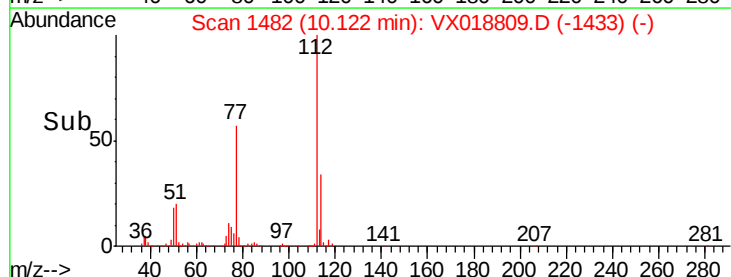
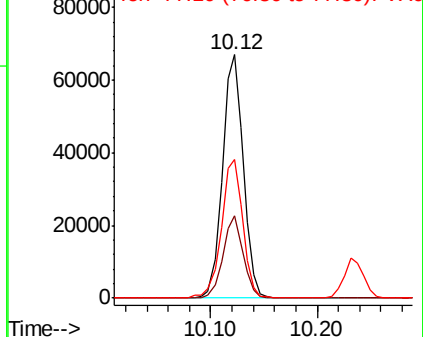
112 100

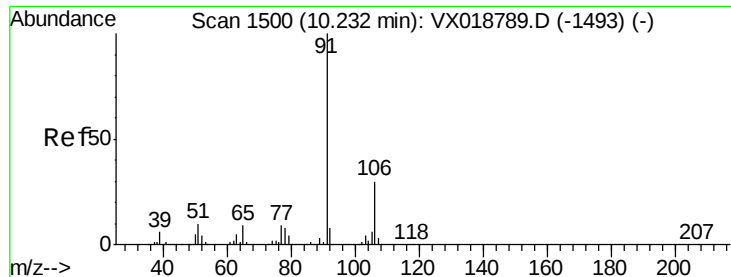
114 33.7 21.3 39.5

77 57.1 42.4 63.6



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): VX0





#54

Ethylbenzene

Concen: 5.199 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

Instrument :

MSVOA_X

ClientSampled :

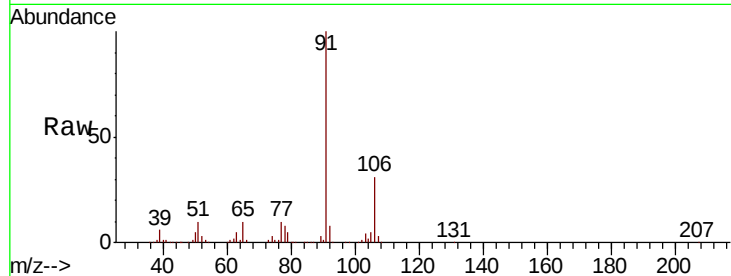
VSTD00596

Tot Ion: 91 Resp: 148557

Ion Ratio Lower Upper

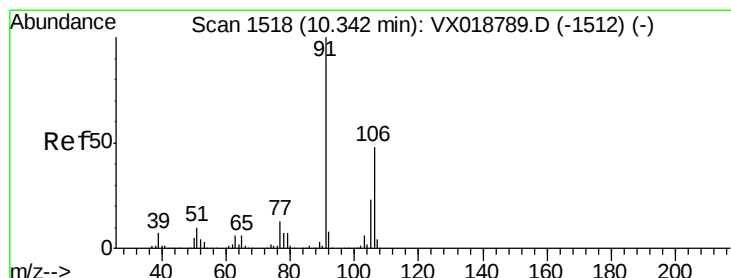
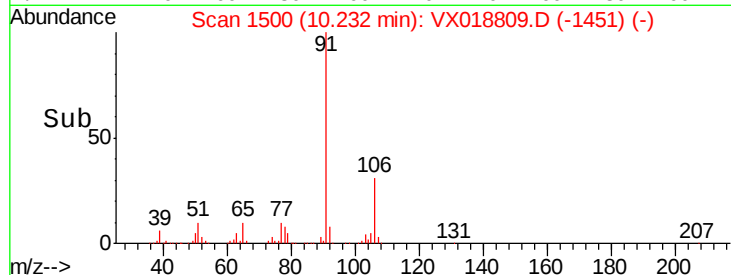
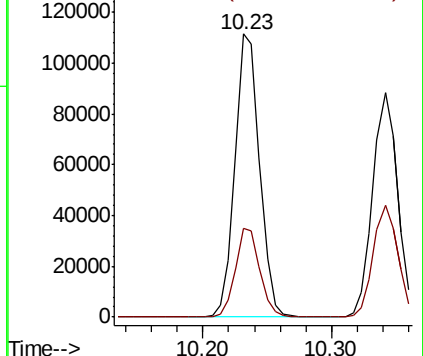
91 100

106 31.4 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 5.242 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018809.D

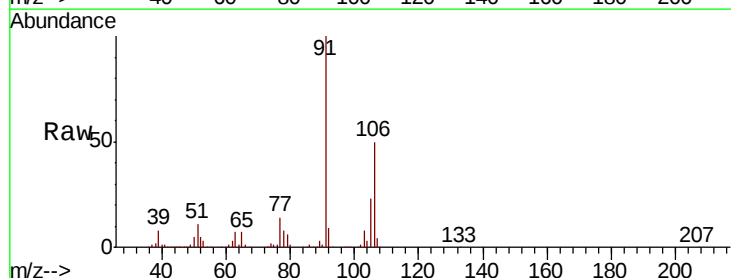
Acq: 06 Oct 2020 19:21

Tgt Ion: 106 Resp: 58424

Ion Ratio Lower Upper

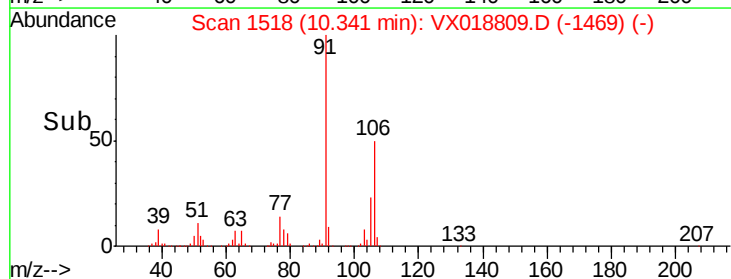
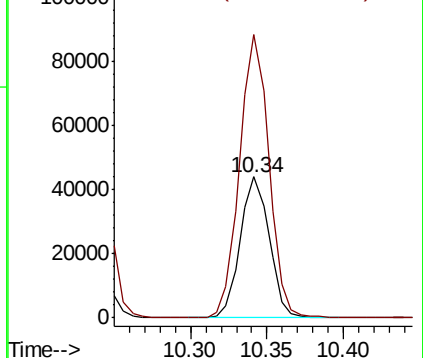
106 100

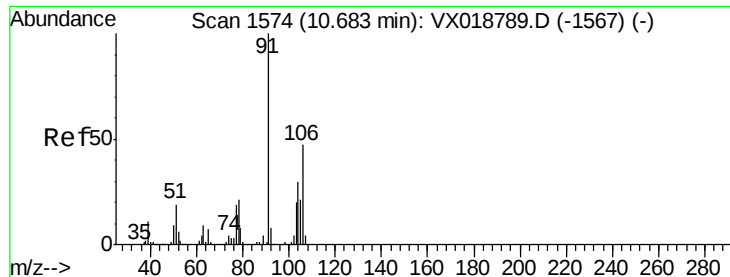
91 200.5 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

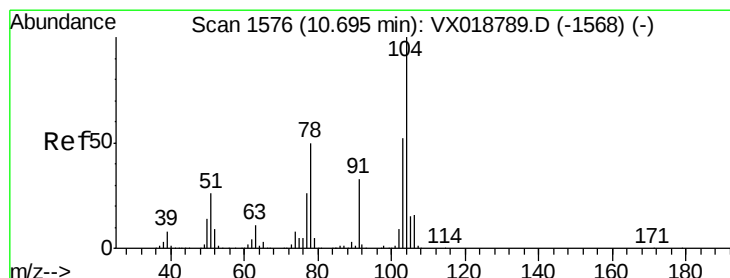
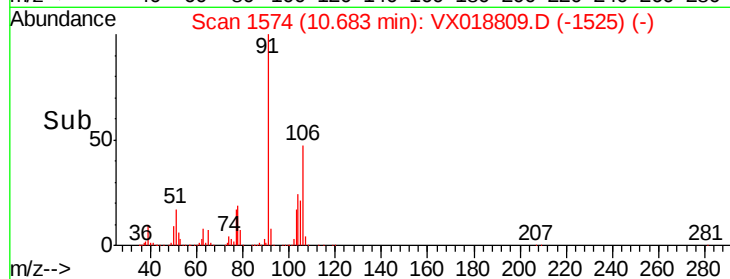
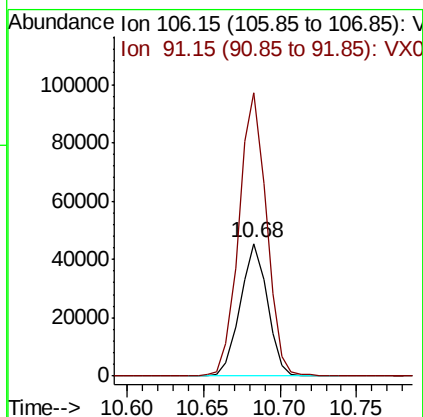
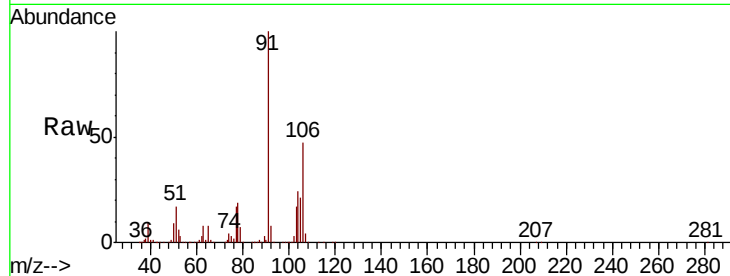




#56
o-xylene
Concen: 5.471 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

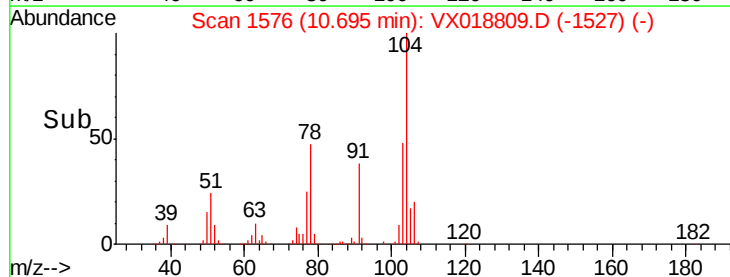
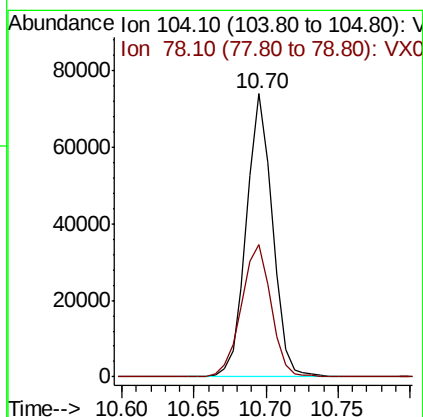
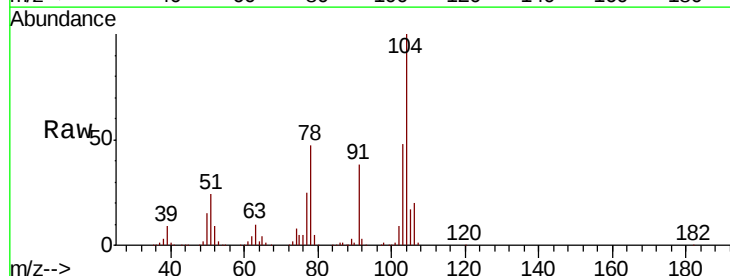
Instrument :
MSVOA_X
ClientSampled :
VSTD00596

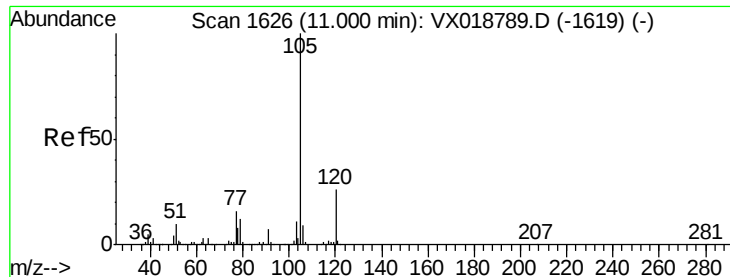
Tot Ion:106 Resp: 56356
Ion Ratio Lower Upper
106 100
91 213.6 153.4 284.8



#57
Styrene
Concen: 5.285 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018809.D
Acq: 06 Oct 2020 19:21

Tgt Ion:104 Resp: 92867
Ion Ratio Lower Upper
104 100
78 47.0 37.1 68.9





#58

Isopropylbenzene

Concen: 5.258 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD00596

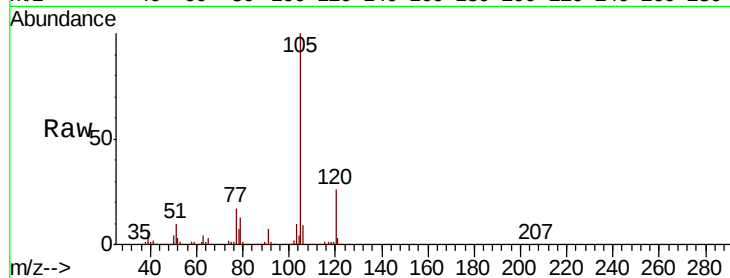
Tot Ion:105 Resp: 151637

Ion Ratio Lower Upper

105 100

120 27.1 20.2 30.2

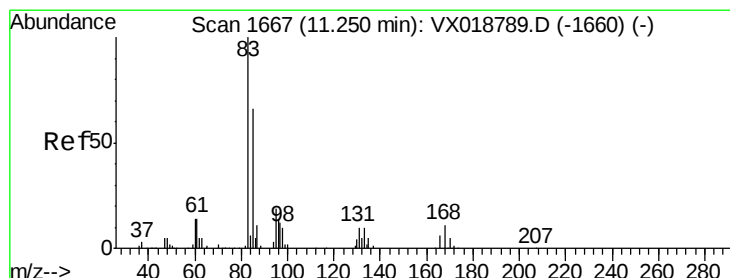
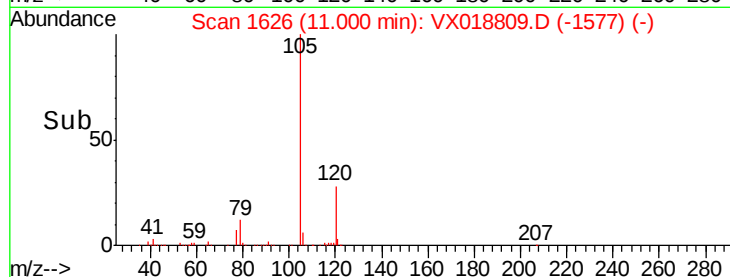
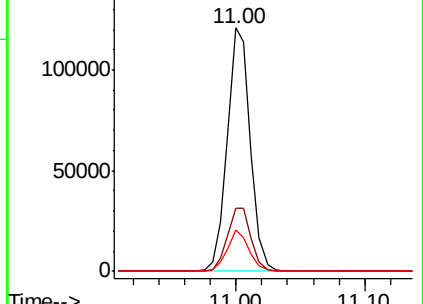
77 16.1 13.3 19.9



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: 5.841 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

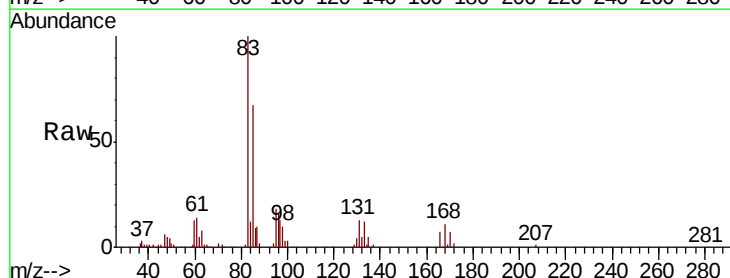
Tgt Ion: 83 Resp: 28514

Ion Ratio Lower Upper

83 100

85 66.5 46.5 86.5

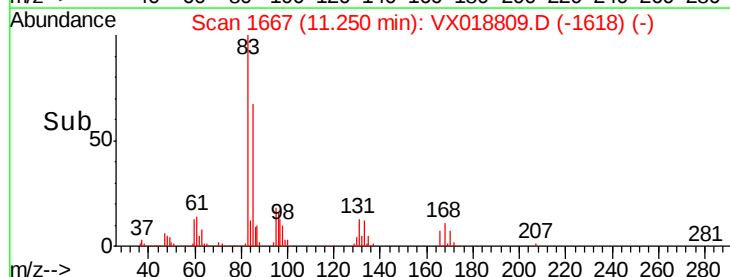
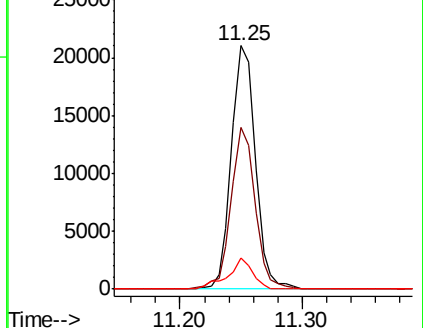
131 12.6 9.6 14.4

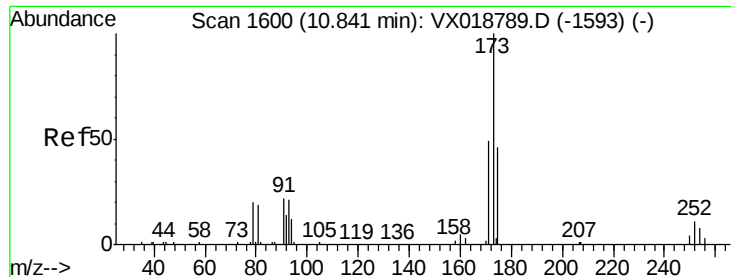


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 4.895 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD00596

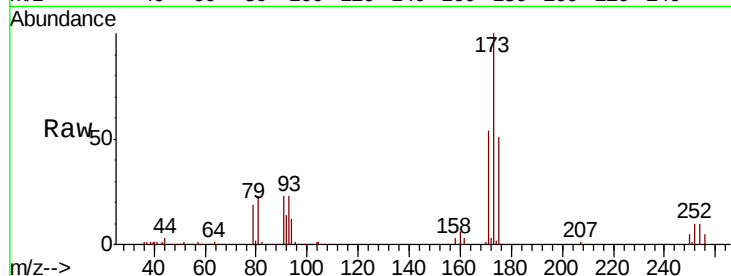
Tot Ion:173 Resp: 18703

Ion Ratio Lower Upper

173 100

175 46.7 37.8 56.8

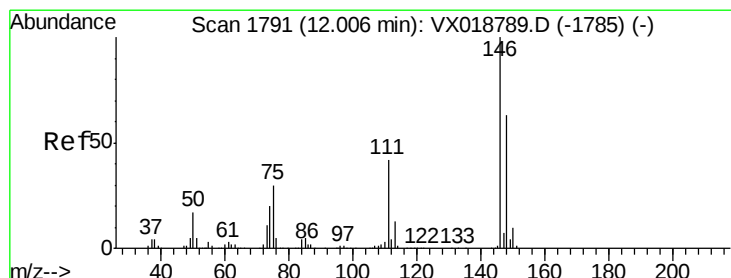
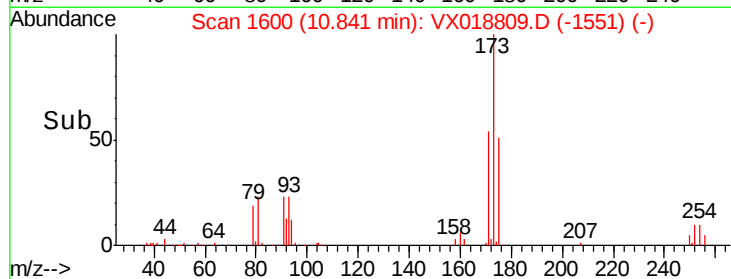
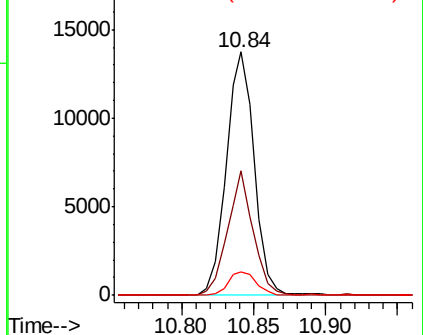
254 9.8 7.2 10.8



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: 5.091 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX018809.D

Acq: 06 Oct 2020 19:21

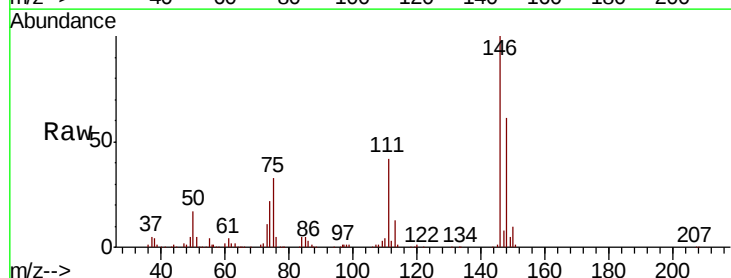
Tgt Ion:146 Resp: 71528

Ion Ratio Lower Upper

146 100

111 42.0 28.4 52.8

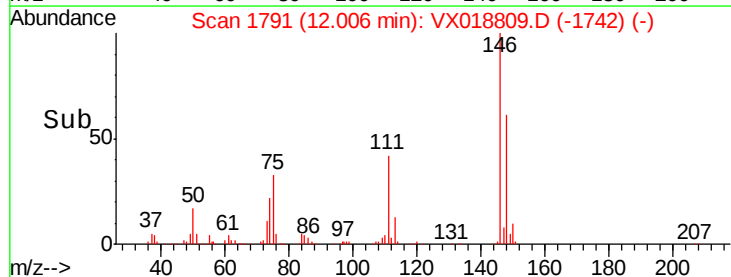
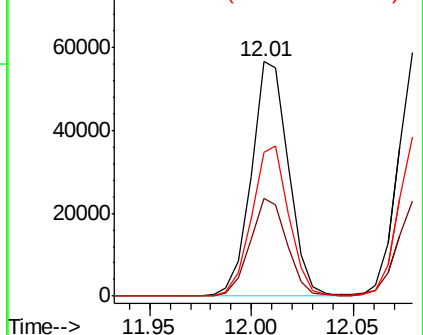
148 61.4 45.9 85.3

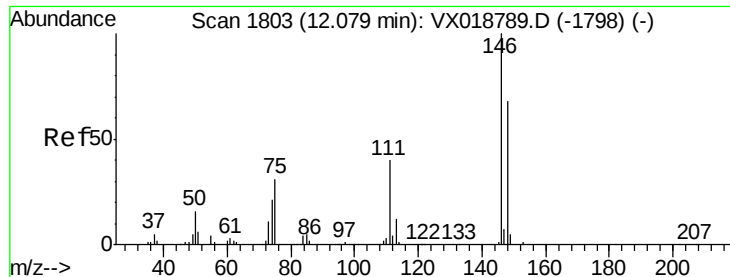


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

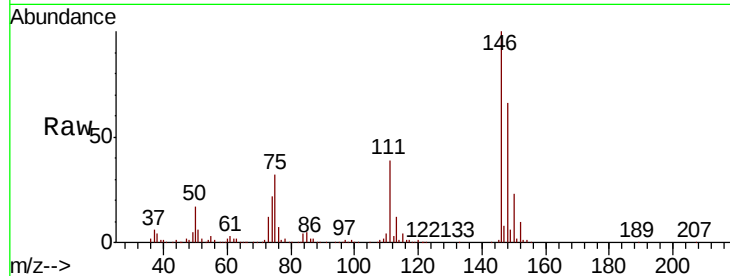




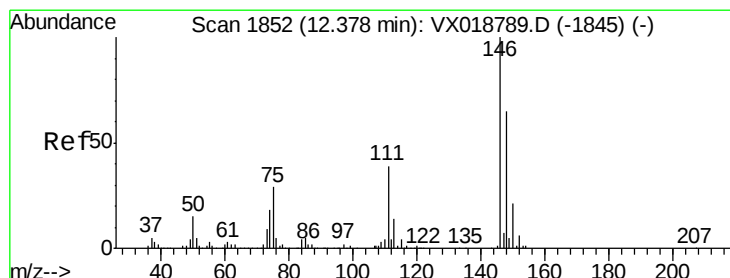
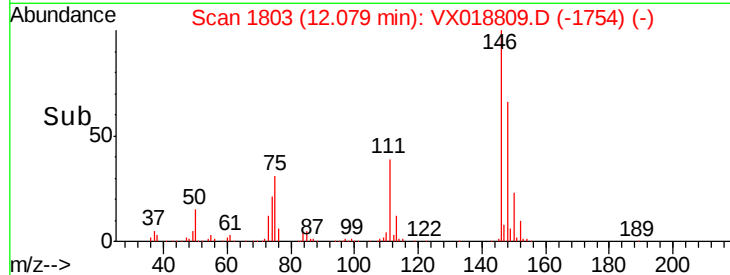
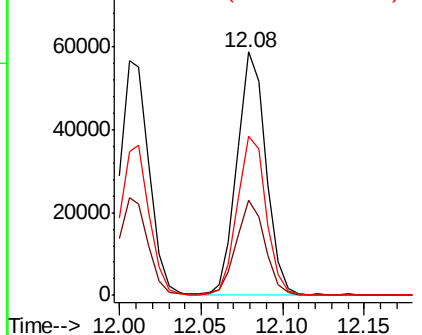
#64
 1,4-Dichlorobenzene
 Concen: 5.186 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

Tot Ion:146 Resp: 72667
 Ion Ratio Lower Upper
 146 100
 111 39.1 28.6 53.2
 148 65.6 44.2 82.0

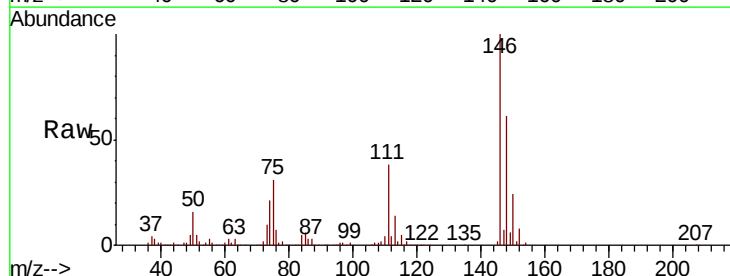


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

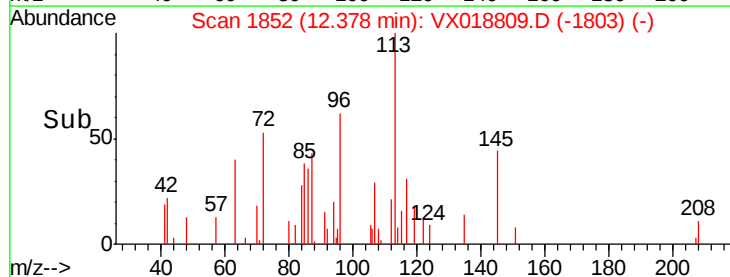
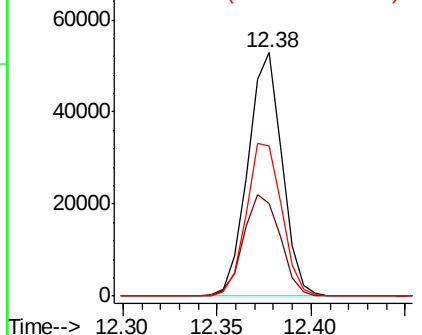


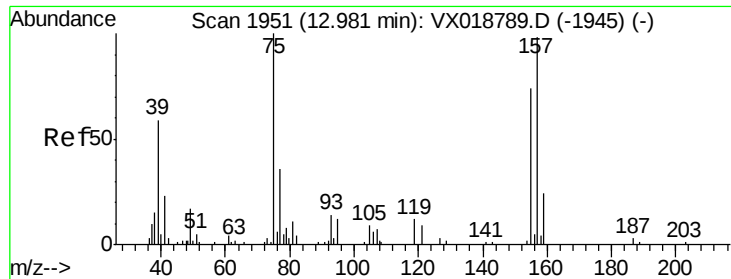
#66
 1,2-Dichlorobenzene
 Concen: 5.056 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Tgt Ion:146 Resp: 66331
 Ion Ratio Lower Upper
 146 100
 111 37.8 31.7 47.5
 148 61.5 49.0 73.6



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

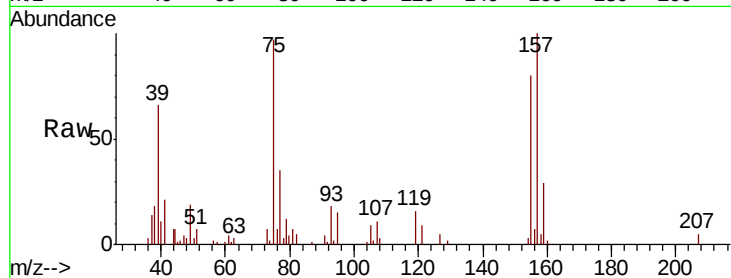




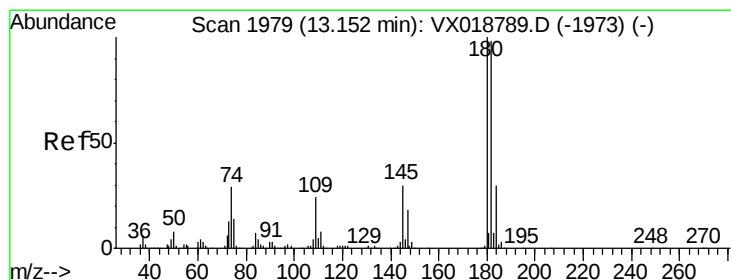
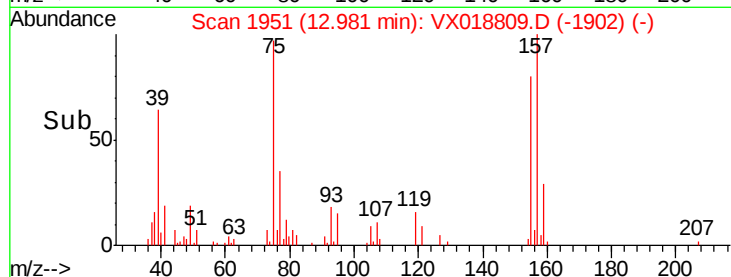
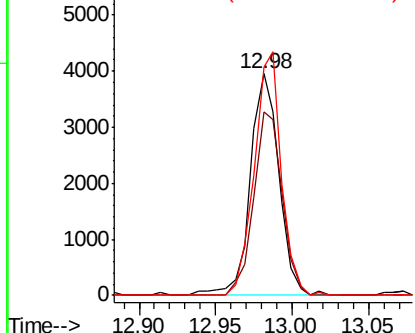
#67
 1,2-Dibromo-3-chloropropane
 Concen: 4.602 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

Tot Ion: 75 Resp: 5145
 Ion Ratio Lower Upper
 75 100
 155 82.8 61.1 91.7
 157 103.2 74.2 111.2

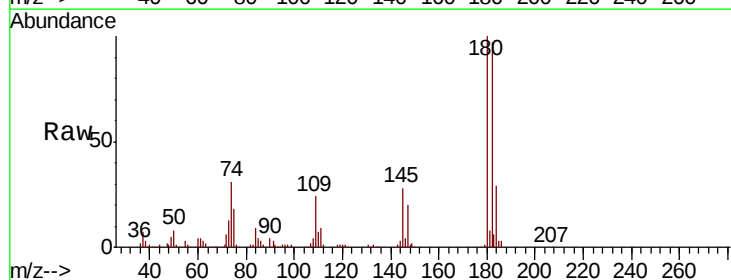


Abundance Ion 75.05 (74.75 to 75.75): VX0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

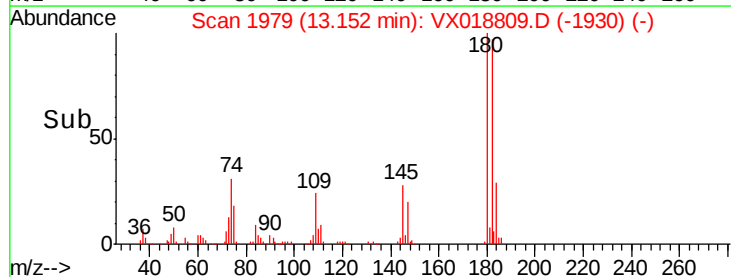
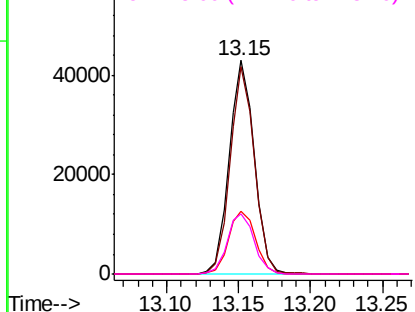


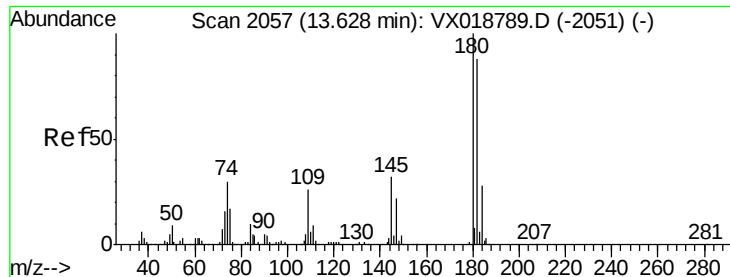
#68
 1,3,5-Trichlorobenzene
 Concen: 4.860 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Tgt Ion: 180 Resp: 52564
 Ion Ratio Lower Upper
 180 100
 182 93.9 74.1 111.1
 184 31.8 23.4 35.2
 145 30.0 23.6 35.4



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

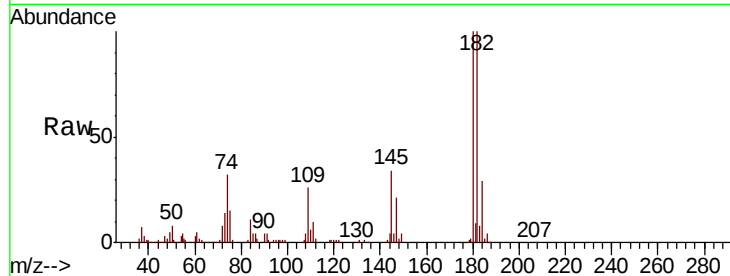




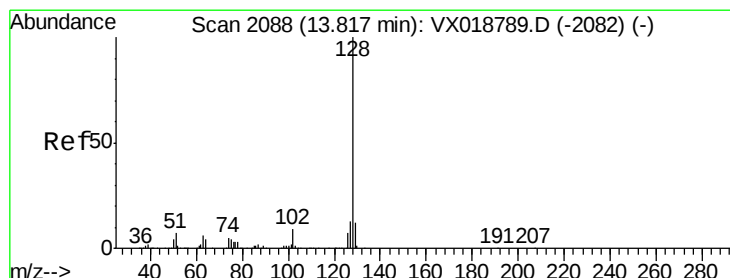
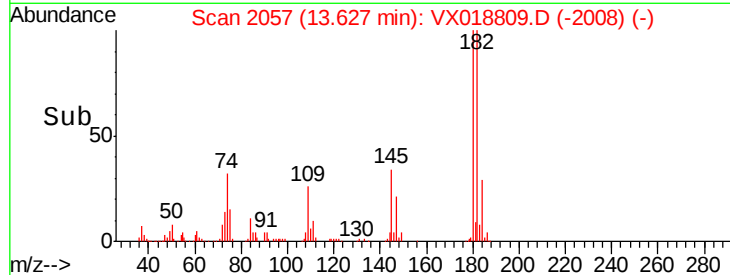
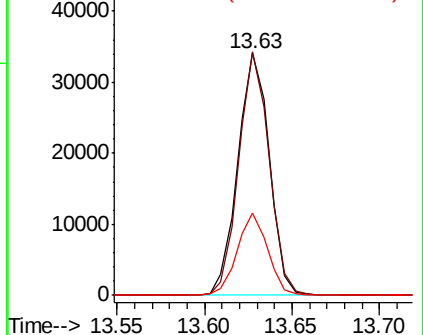
#69
 1,2,4-trichlorobenzene
 Concen: 4.758 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

Tot Ion:180 Resp: 42718
 Ion Ratio Lower Upper
 180 100
 182 96.7 80.2 120.4
 145 32.6 25.2 37.8

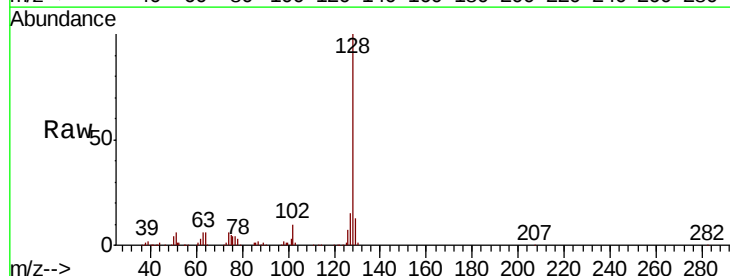


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

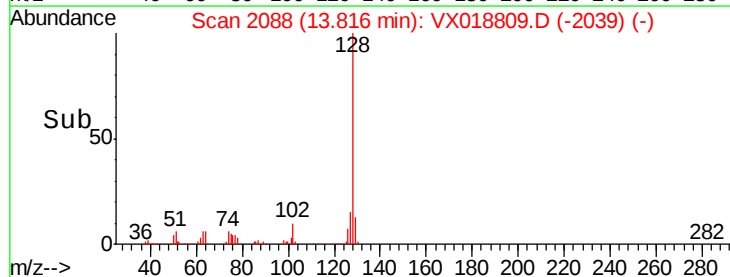
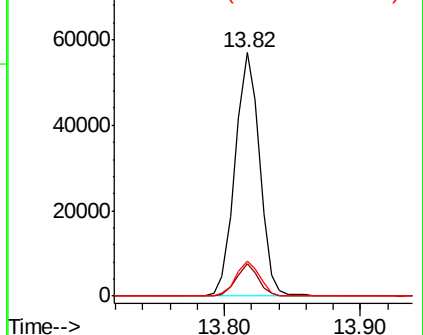


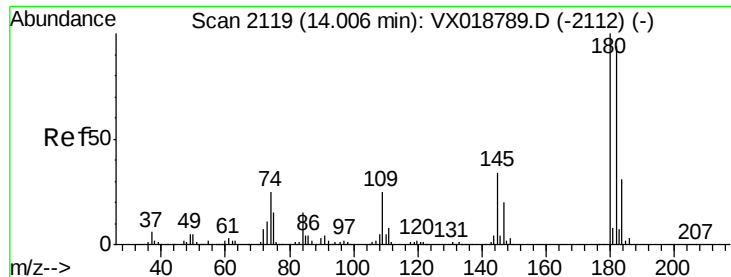
#70
 Naphthalene
 Concen: 4.872 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Tgt Ion:128 Resp: 71504
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.0 13.4
 127 14.1 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#71
 1,2,3-Trichlorobenzene
 Concen: 5.018 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX018809.D
 Acq: 06 Oct 2020 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00596

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.4	73.6	110.4
145	34.9	26.6	40.0

