

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038513.D
 Acq On : 26 Oct 2023 10:59
 Operator : JC/MD
 Sample : 05065-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 13:39:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	179682	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	305523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168660	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110702	38.304	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	76.600%#
35) Dibromofluoromethane	5.385	113	101757	46.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.440%
50) Toluene-d8	8.653	98	367362	43.669	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.340%#
62) 4-Bromofluorobenzene	11.079	95	145488	45.618	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%

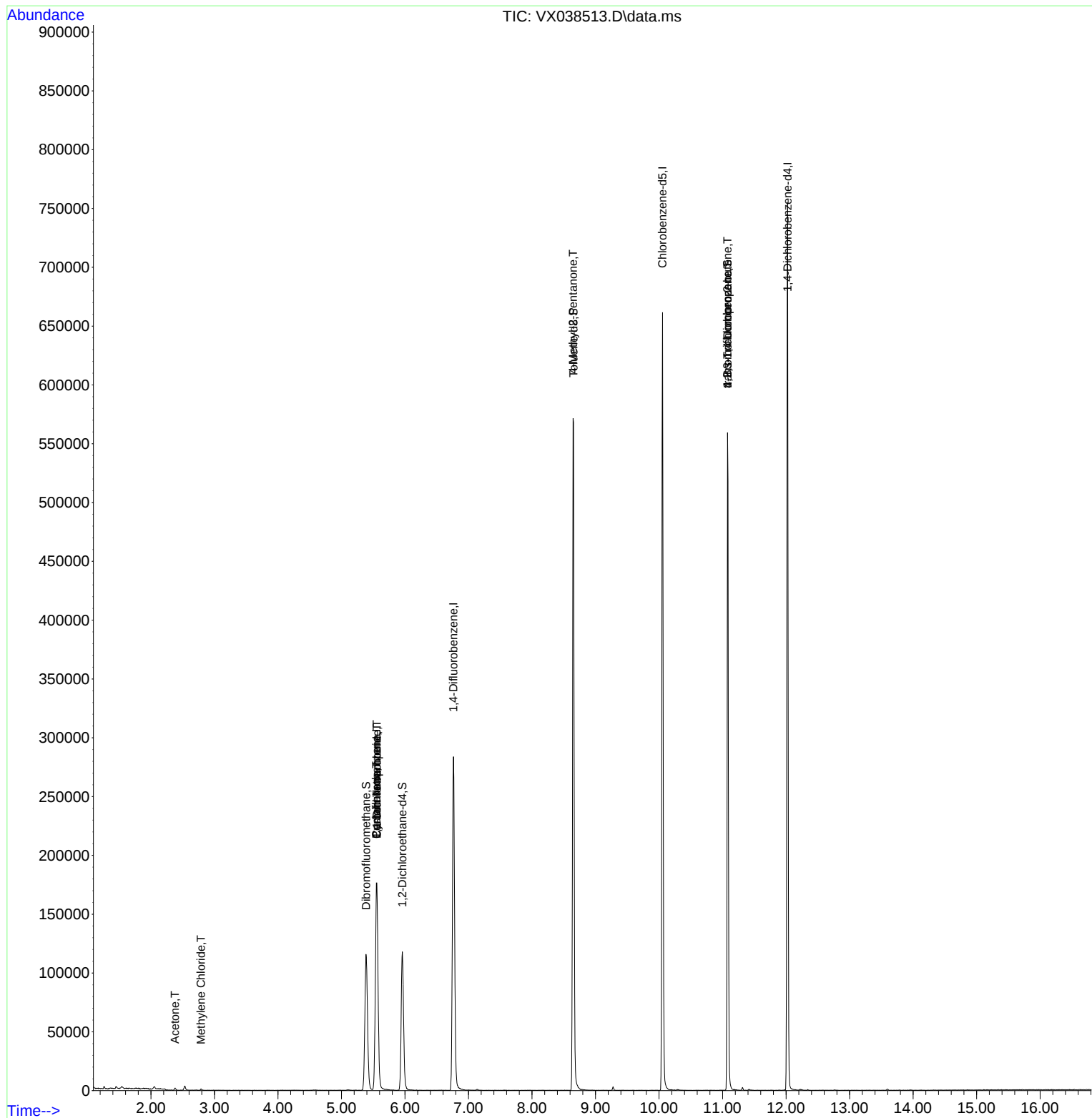
Target Compounds					Qvalue
5) Bromomethane	1.636	94	21	Below Cal	# 3
6) Chloroethane	1.684	64	86	Below Cal	# 43
16) Acetone	2.379	43	1669	1.384	ug/l # 80
20) Methylene Chloride	2.788	84	484	0.213	ug/l # 57
31) Cyclohexane	5.550	56	3399	1.086	ug/l # 1
36) 1,1-Dichloropropene	5.556	75	13415	4.419	ug/l # 51
38) Carbon Tetrachloride	5.556	117	17799	5.960	ug/l # 15
51) 4-Methyl-2-Pentanone	8.647	43	1515	0.408	ug/l # 1
76) 1,2,3-Trichloropropane	11.079	75	74318	19.383	ug/l # 38
81) trans-1,4-Dichloro-2-b...	11.079	75	74318	56.064	ug/l # 5

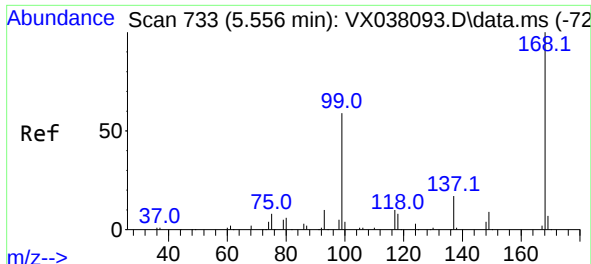
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 26 13:39:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

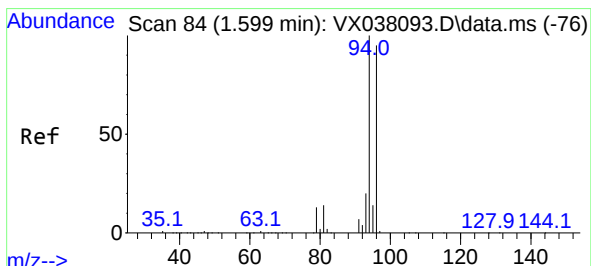
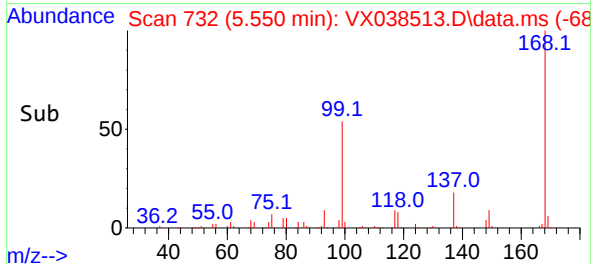
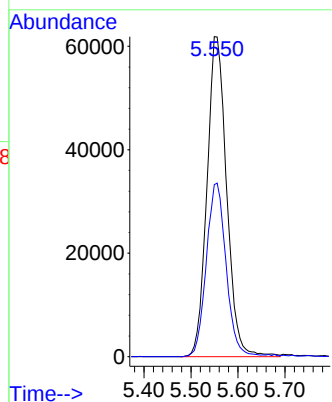
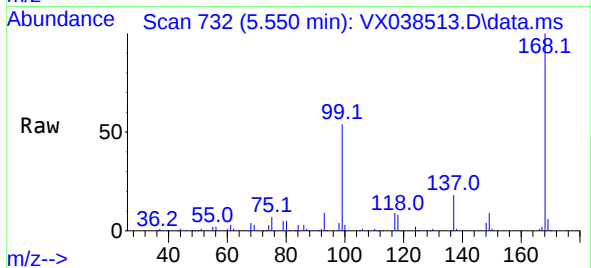




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

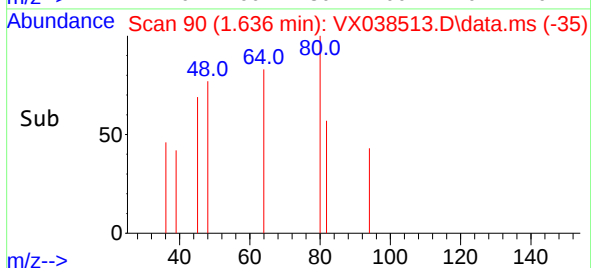
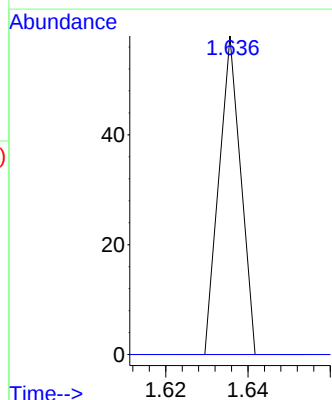
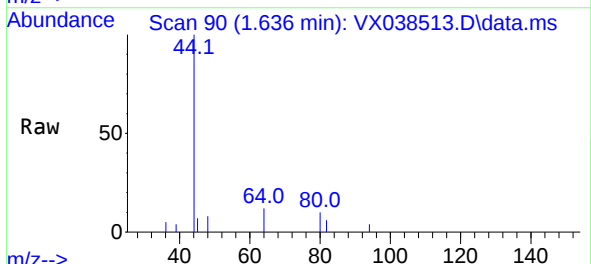
Instrument :
MSVOA_X
ClientSampleId :

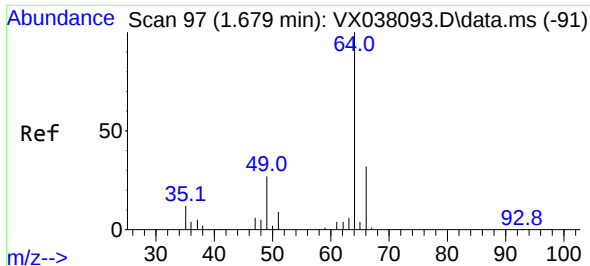
Tgt Ion:168 Resp: 179682
Ion Ratio Lower Upper
168 100
99 53.8 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.636 min Scan# 90
Delta R.T. 0.037 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

Tgt Ion: 94 Resp: 21
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

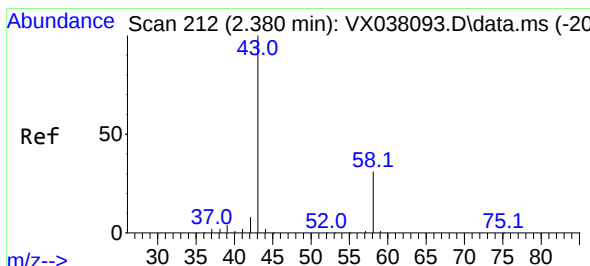
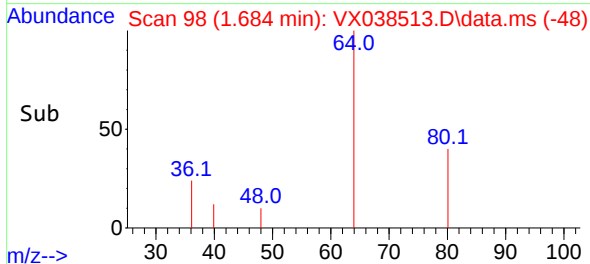
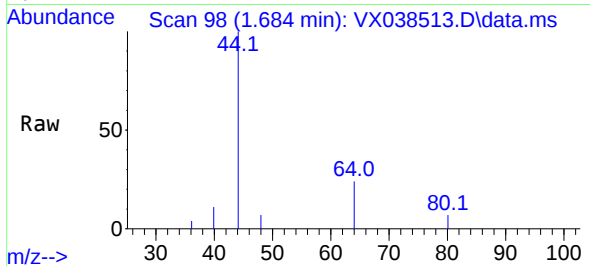




#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 91
Delta R.T. 0.005 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

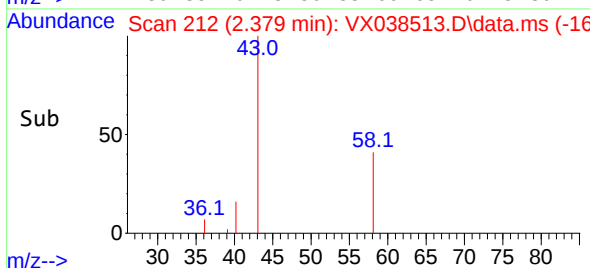
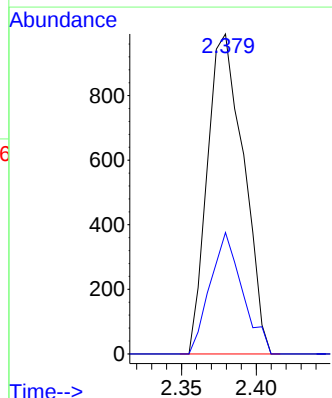
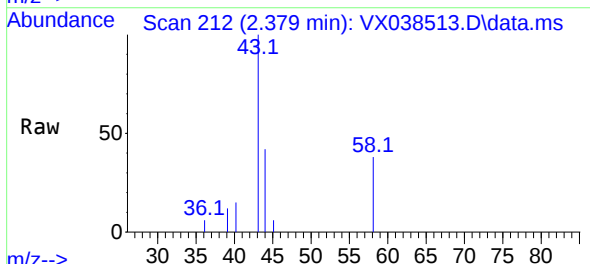
Instrument :
MSVOA_X
ClientSampleId :

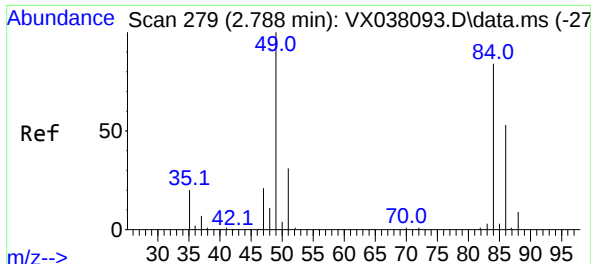
Tgt Ion: 64 Resp: 86
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.384 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

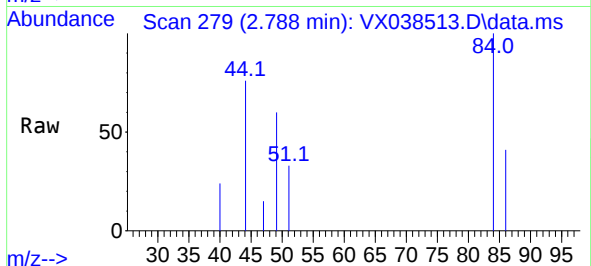
Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 37.9 21.9 32.9#





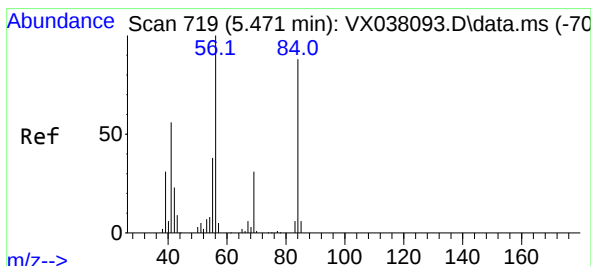
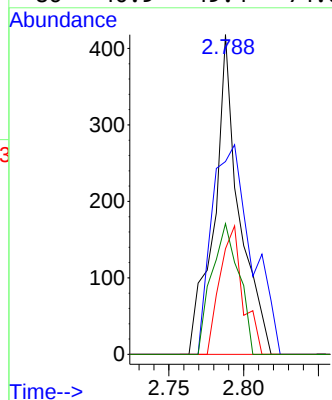
#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :

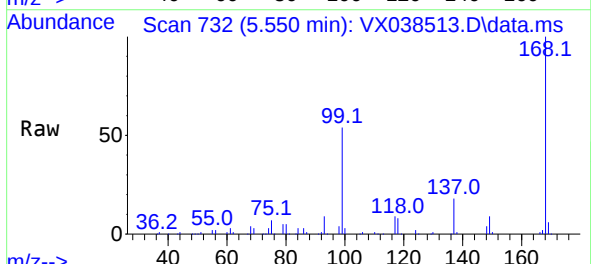


Tgt Ion: 84 Resp: 484

Ion	Ratio	Lower	Upper
84	100		
49	60.3	103.6	155.4#
51	33.0	33.8	50.6#
86	40.9	49.4	74.0#

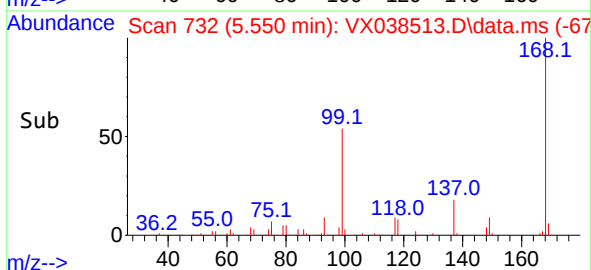
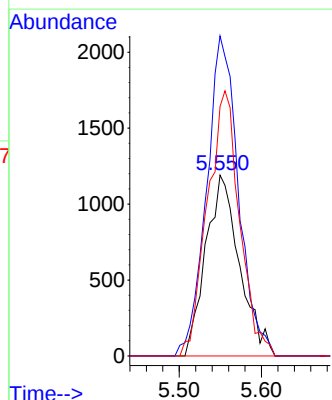


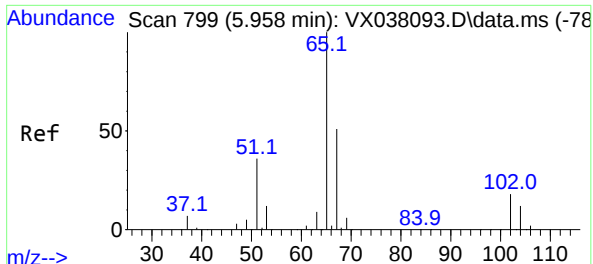
#31
Cyclohexane
Concen: 1.086 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59



Tgt Ion: 56 Resp: 3399

Ion	Ratio	Lower	Upper
56	100		
69	176.9	23.4	35.2#
84	137.9	65.9	98.9#

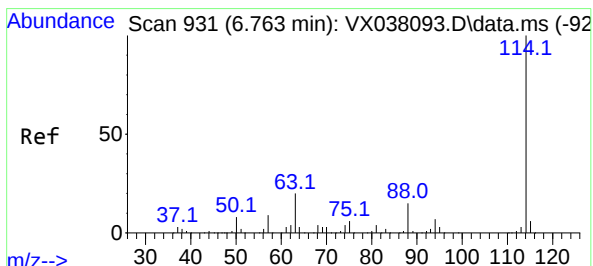
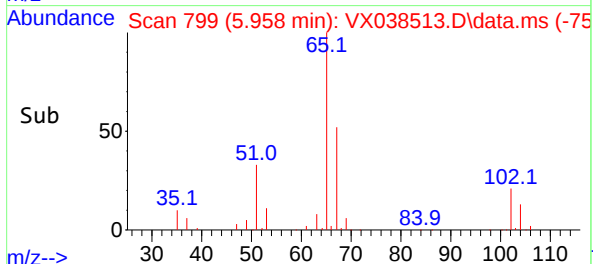
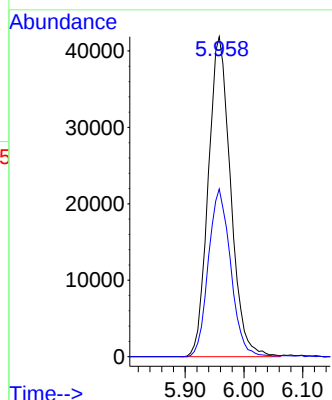
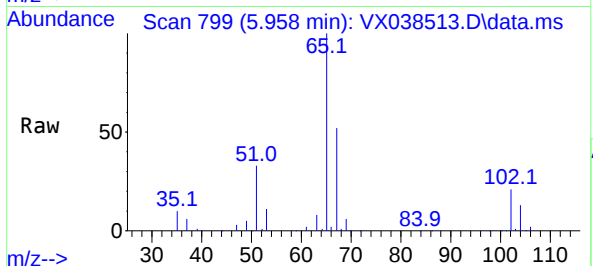




#33
1,2-Dichloroethane-d4
Concen: 38.304 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

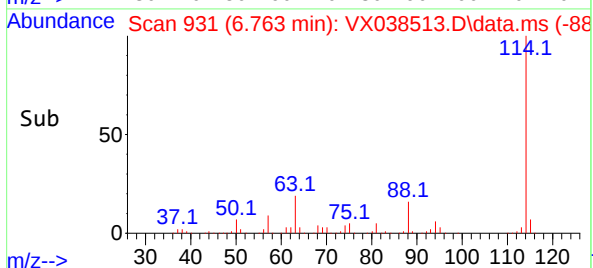
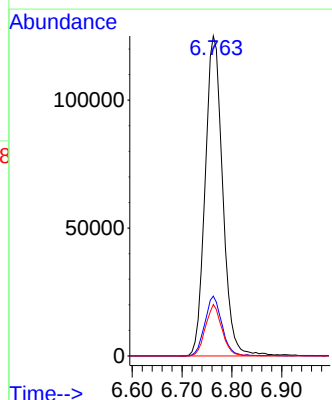
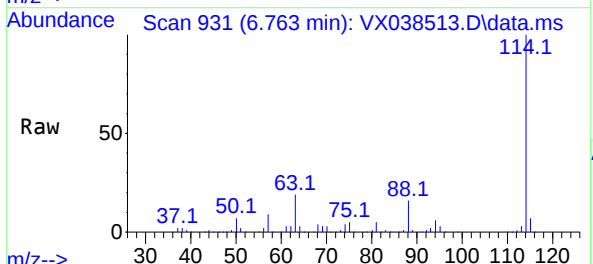
Instrument :
MSVOA_X
ClientSampleId :

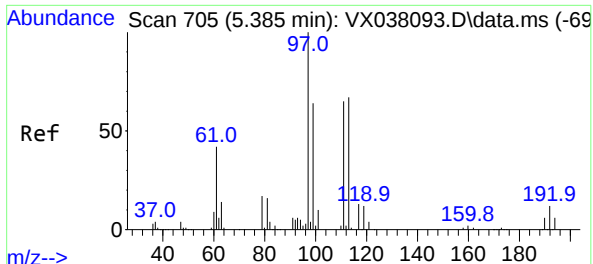
Tgt Ion: 65 Resp: 110702
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

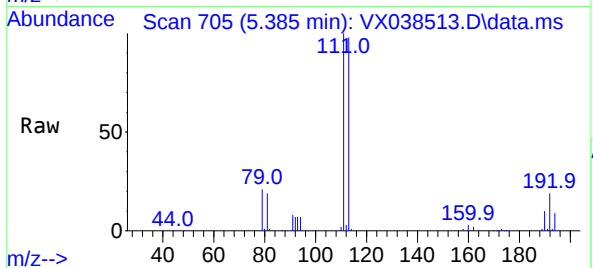
Tgt Ion:114 Resp: 305523
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 16.1 0.0 36.6





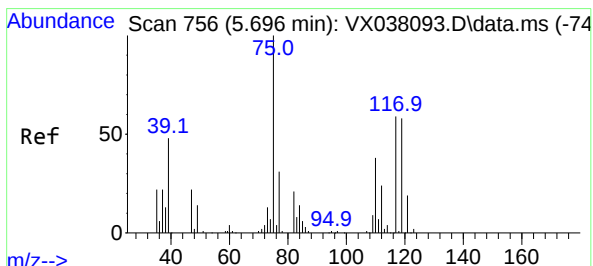
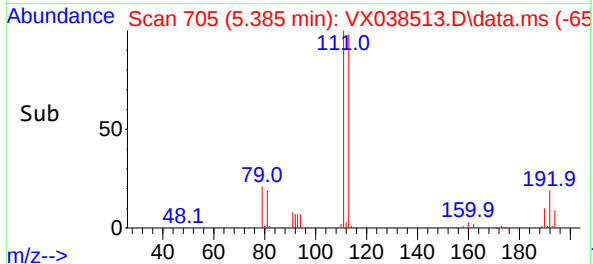
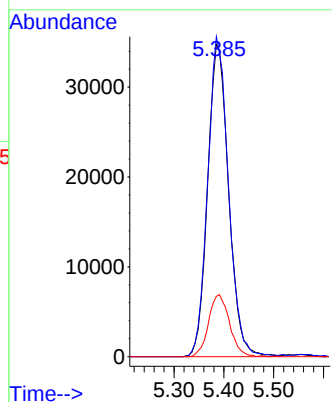
#35
Dibromofluoromethane
Concen: 46.222 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:113 Resp: 101757

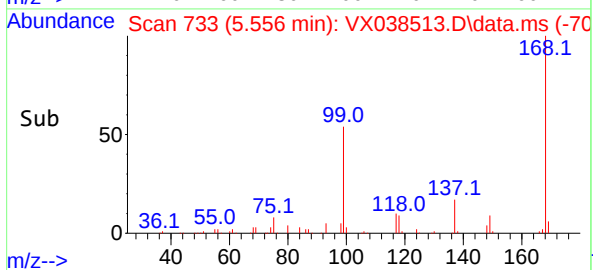
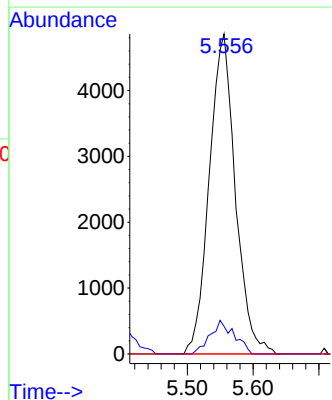
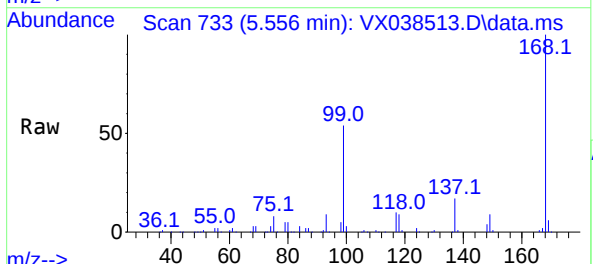
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	19.8	13.3	19.9

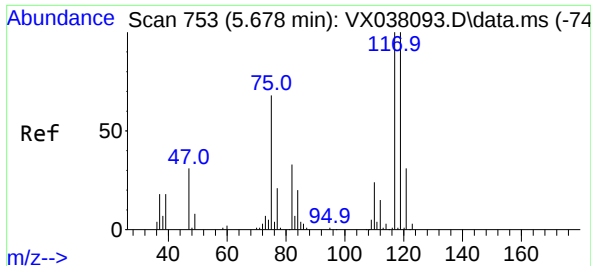


#36
1,1-Dichloropropene
Concen: 4.419 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

Tgt Ion: 75 Resp: 13415

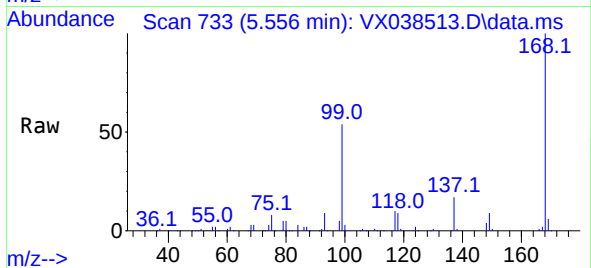
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.0	50.9#
77	0.0	24.7	37.1#



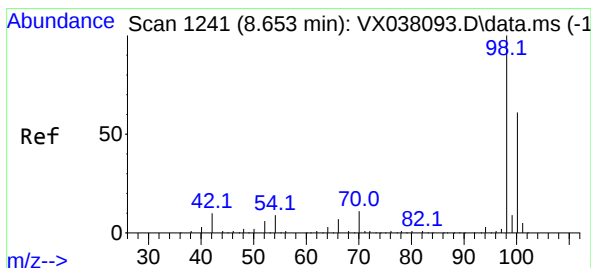
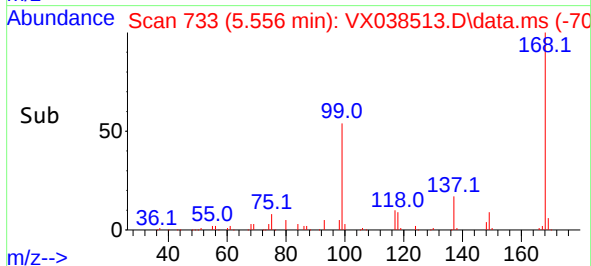
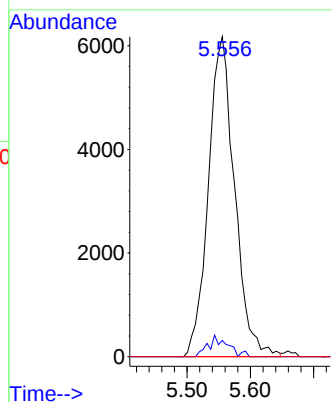


#38
Carbon Tetrachloride
Concen: 5.960 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :

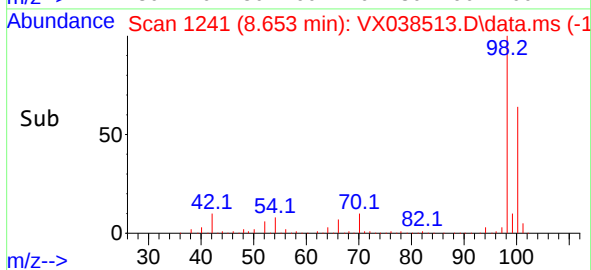
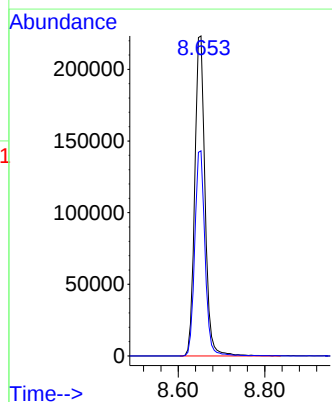
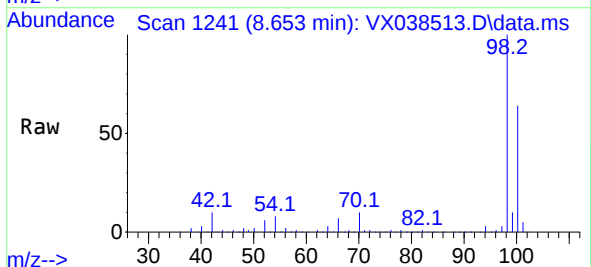


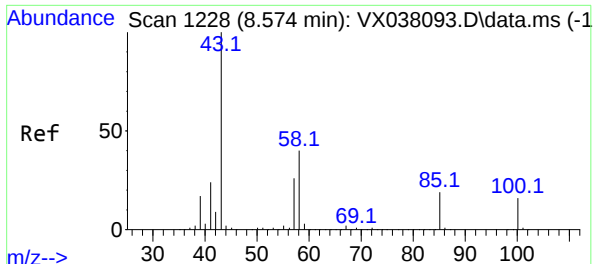
Tgt Ion:117 Resp: 17799
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 43.669 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

Tgt Ion: 98 Resp: 367362
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

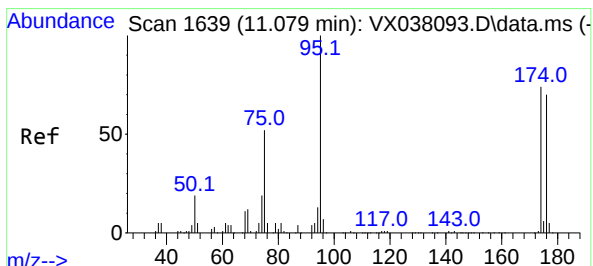
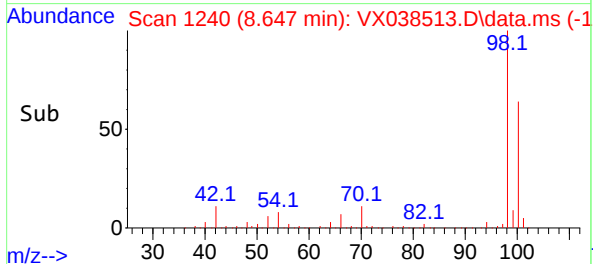
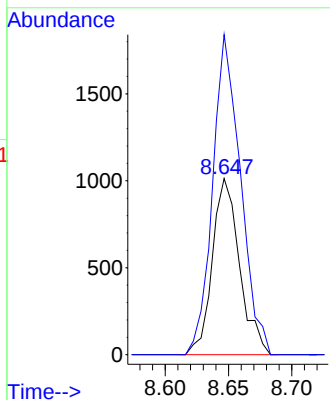
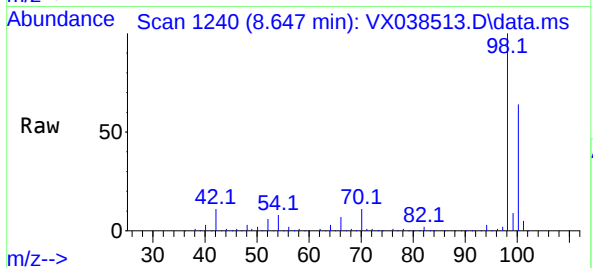




#51
4-Methyl-2-Pentanone
Concen: 0.408 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

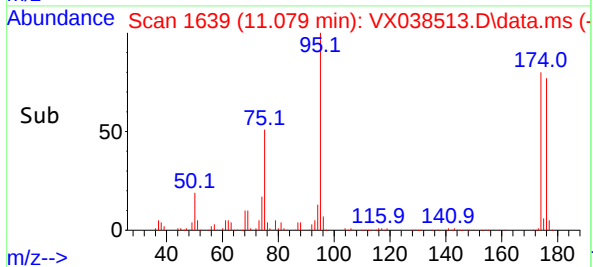
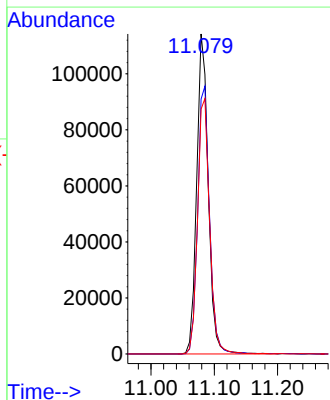
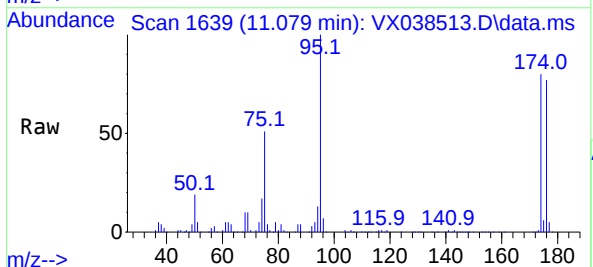
Instrument :
MSVOA_X
ClientSampleId :

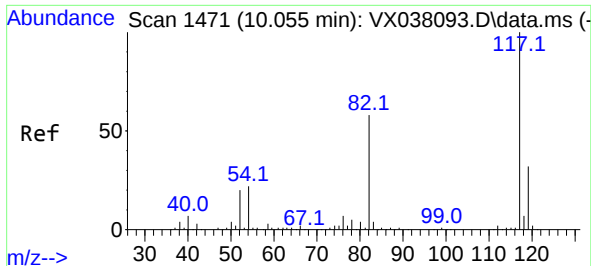
Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 186.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

Tgt Ion: 95 Resp: 145488
Ion Ratio Lower Upper
95 100
174 85.8 0.0 135.6
176 83.4 0.0 131.0

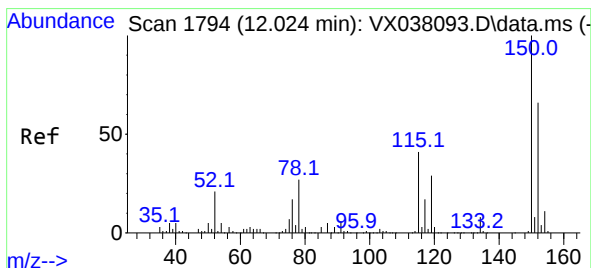
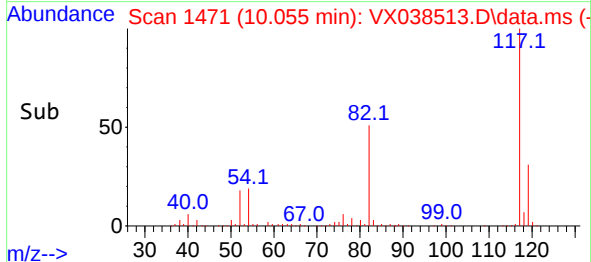
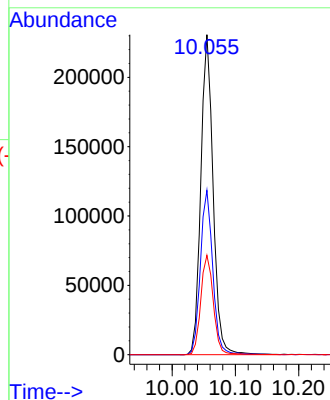
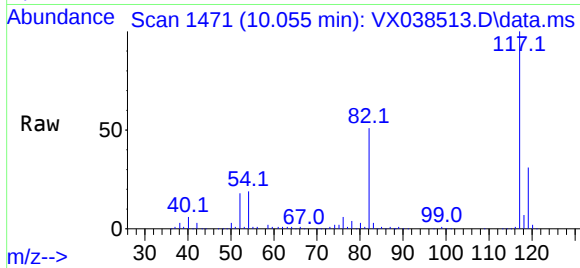




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

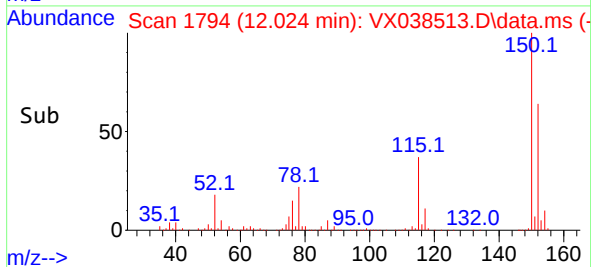
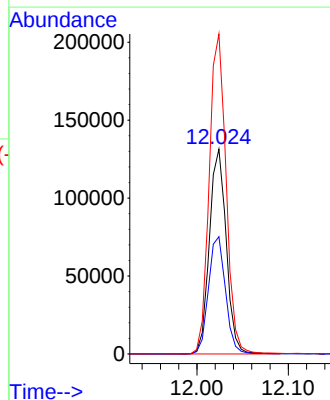
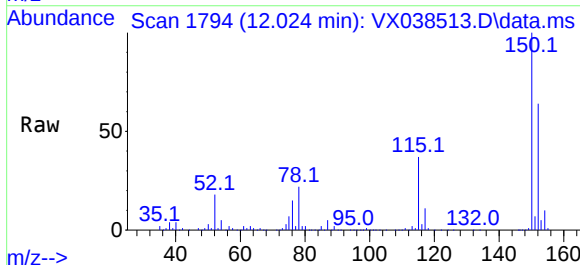
Instrument :
MSVOA_X
ClientSampleId :

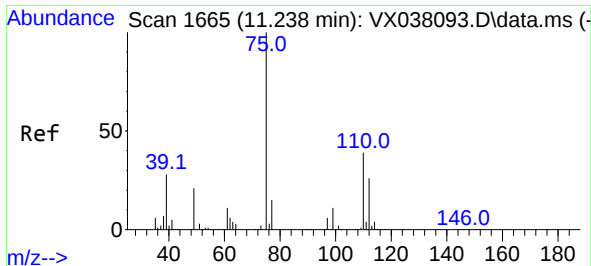
Tgt Ion:117 Resp: 312131
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

Tgt Ion:152 Resp: 168660
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 156.8 0.0 345.0

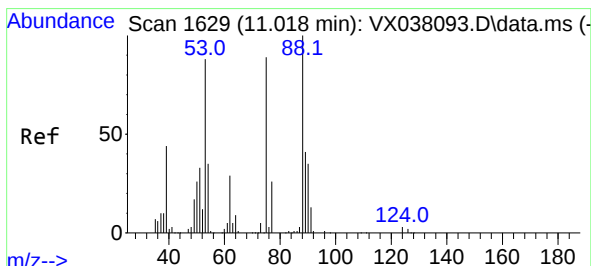
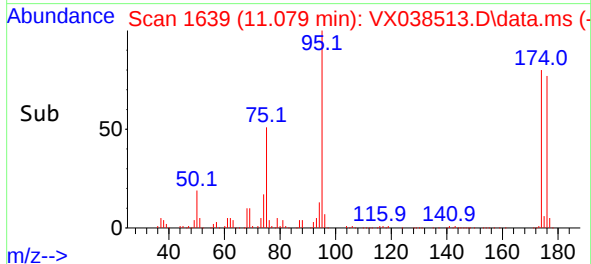
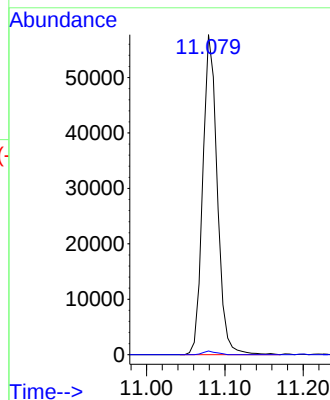
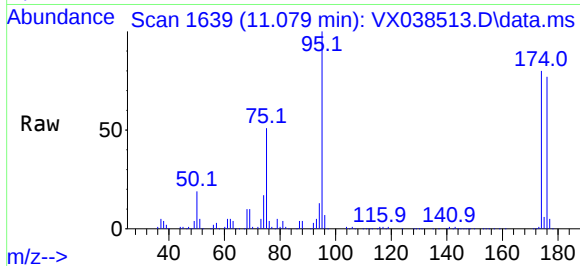




#76
1,2,3-Trichloropropane
Concen: 19.383 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 74318
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.064 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038513.D
Acq: 26 Oct 2023 10:59

Tgt Ion: 75 Resp: 74318
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

