

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040297.D
 Acq On : 17 Feb 2024 13:15
 Operator : JC/MD
 Sample : P1507-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 03:56:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

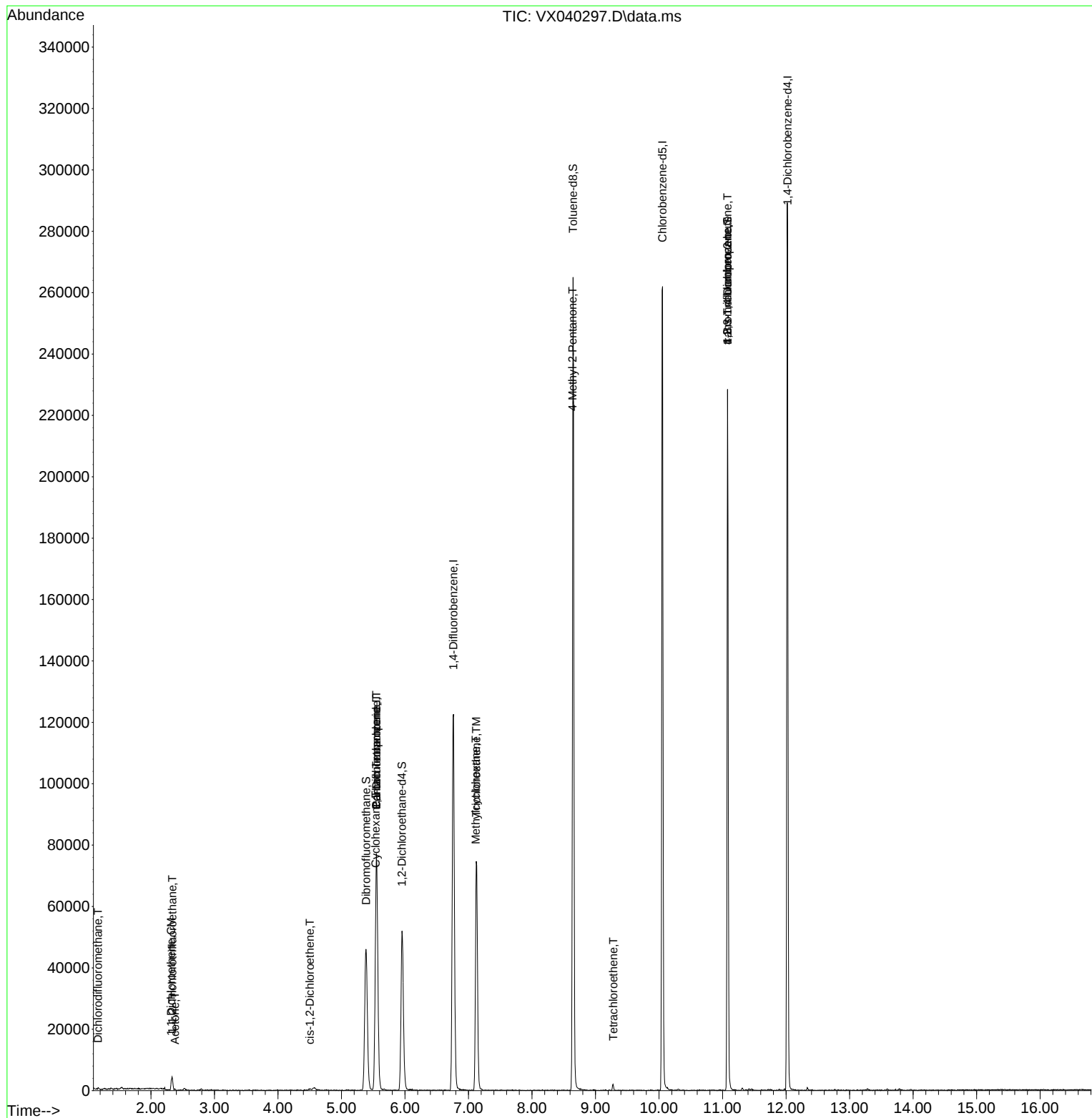
Internal Standards						
1) Pentafluorobenzene	5.550	168	72370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49827	46.280	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.560%
35) Dibromofluoromethane	5.385	113	40749	46.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.760%
50) Toluene-d8	8.647	98	151921	46.724	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.440%
62) 4-Bromofluorobenzene	11.079	95	58987	44.483	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	255	0.312	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.337	101	1636	2.132	ug/l	96
12) 1,1-Dichloroethene	2.318	96	335	0.453	ug/l #	63
16) Acetone	2.379	43	357	0.807	ug/l #	20
20) Methylene Chloride	2.794	84	236	Below Cal	#	52
27) cis-1,2-Dichloroethene	4.501	96	341	0.355	ug/l	57
31) Cyclohexane	5.537	56	1684	1.311	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	6185	5.080	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7515	6.491	ug/l #	15
39) Methylcyclohexane	7.116	83	366	0.259	ug/l #	37
44) Trichloroethene	7.122	130	28487	30.330	ug/l	98
51) 4-Methyl-2-Pentanone	8.641	43	765	0.530	ug/l #	1
64) Tetrachloroethene	9.281	164	219	0.258	ug/l #	59
76) 1,2,3-Trichloropropane	11.079	75	31169	25.512	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	31169	70.105	ug/l #	5

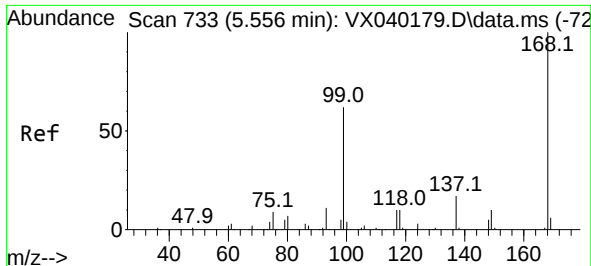
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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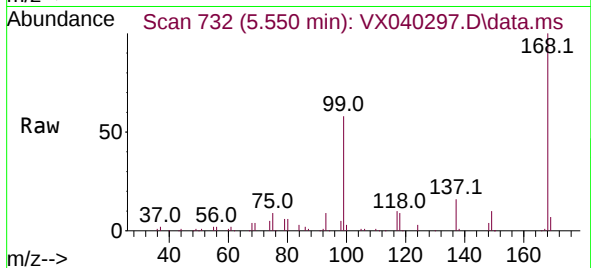
Quant Time: Feb 19 03:56:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



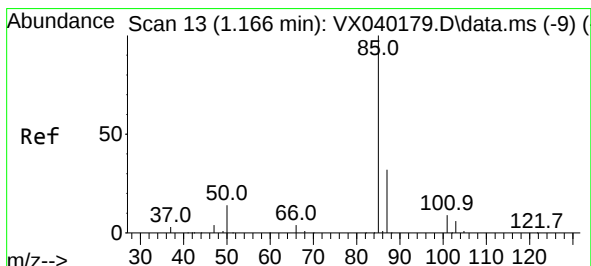
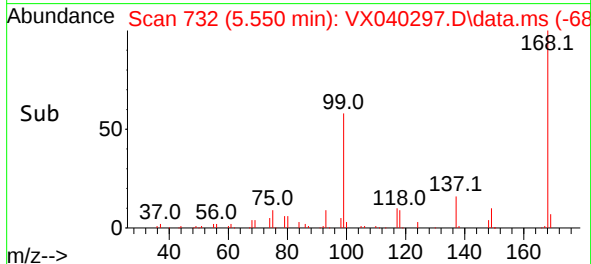
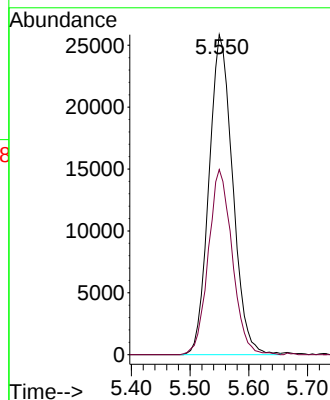


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :

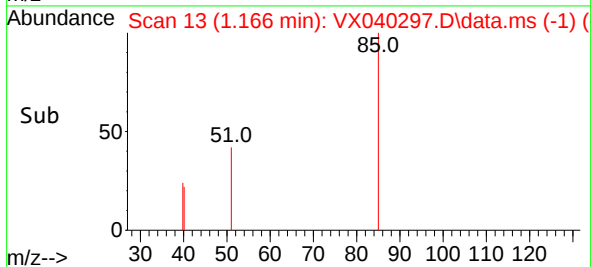
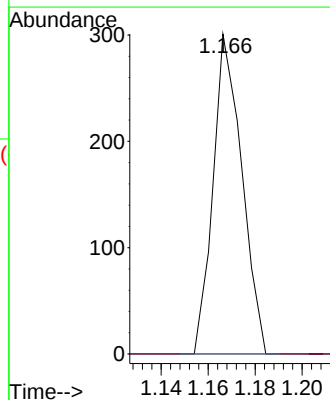
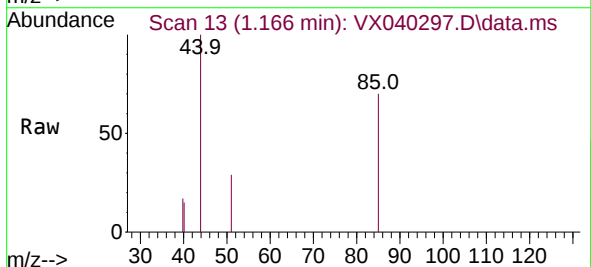


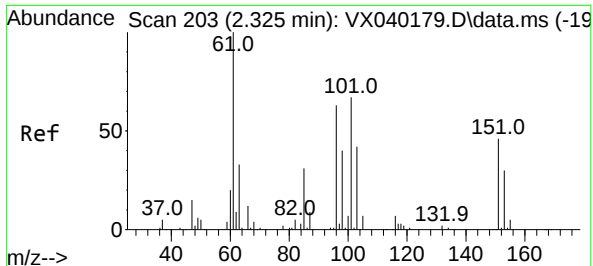
Tgt Ion:168 Resp: 72370
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.312 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

Tgt Ion: 85 Resp: 255
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

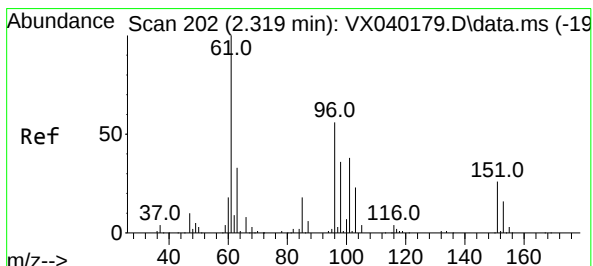
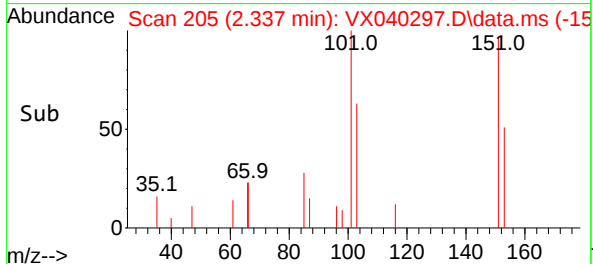
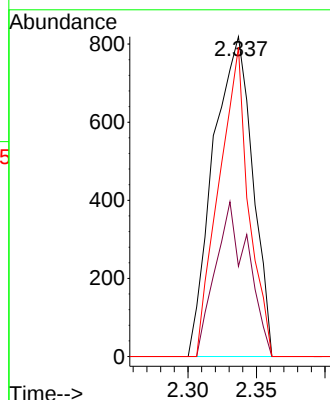
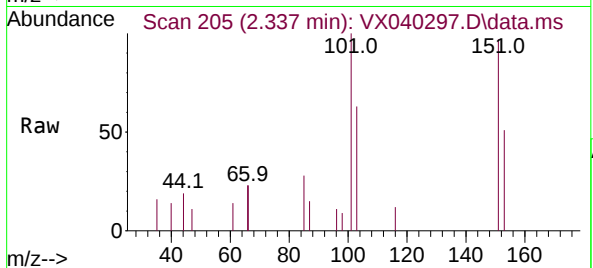




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.132 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

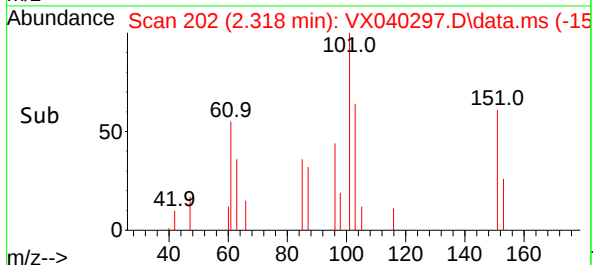
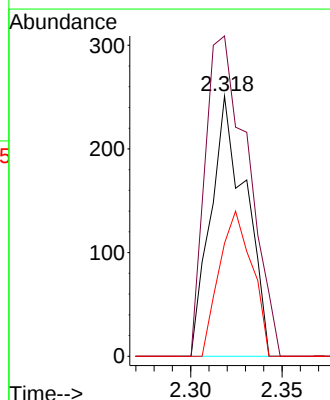
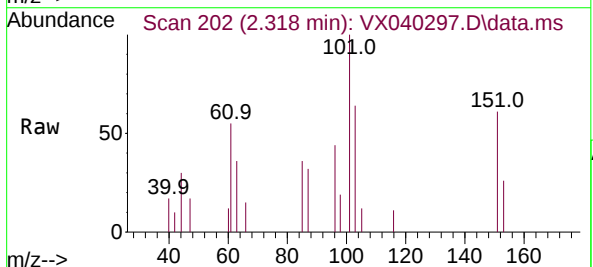
Instrument :
MSVOA_X
ClientSampleId :

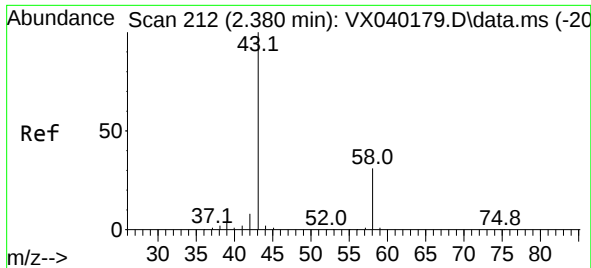
Tgt Ion:101 Resp: 1636
Ion Ratio Lower Upper
101 100
85 40.2 37.0 55.6
151 73.0 58.6 87.8



#12
1,1-Dichloroethene
Concen: 0.453 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

Tgt Ion: 96 Resp: 335
Ion Ratio Lower Upper
96 100
61 123.1 144.6 216.8#
98 43.4 50.4 75.6#





#16

Acetone

Concen: 0.807 ug/l

RT: 2.379 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040297.D

Acq: 17 Feb 2024 13:15

Instrument :

MSVOA_X

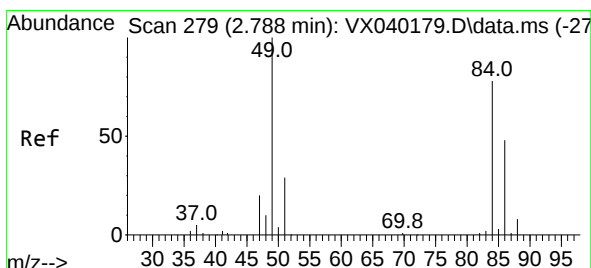
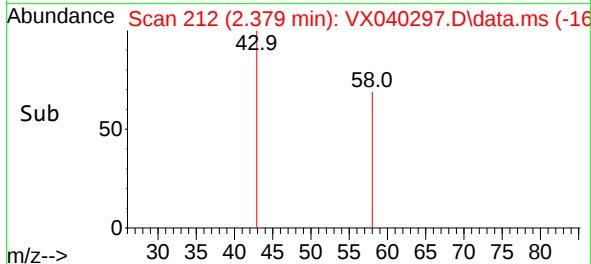
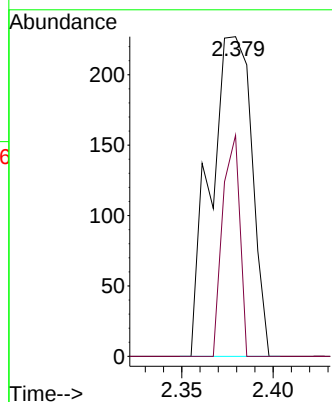
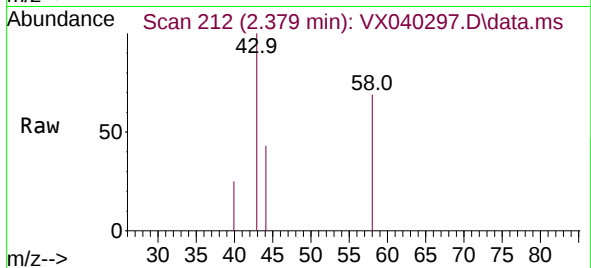
ClientSampleId :

Tgt Ion: 43 Resp: 357

Ion Ratio Lower Upper

43 100

58 69.2 21.9 32.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040297.D

Acq: 17 Feb 2024 13:15

Tgt Ion: 84 Resp: 236

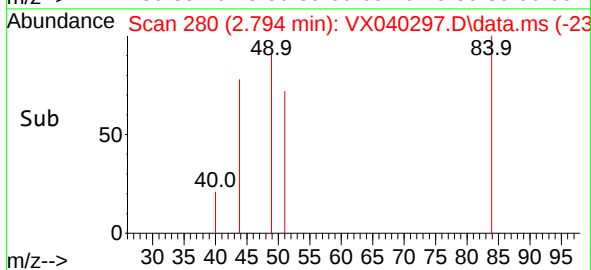
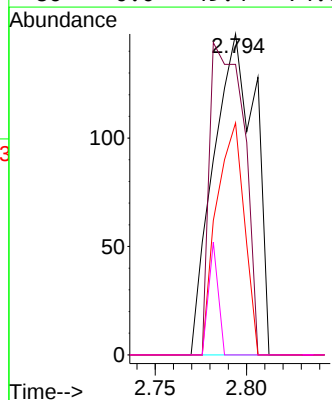
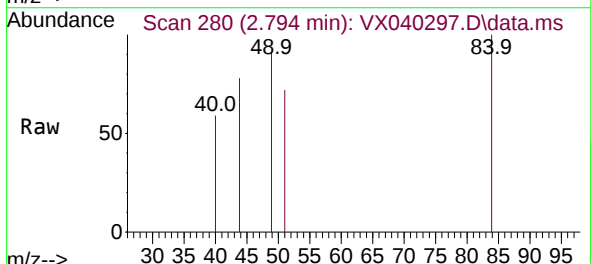
Ion Ratio Lower Upper

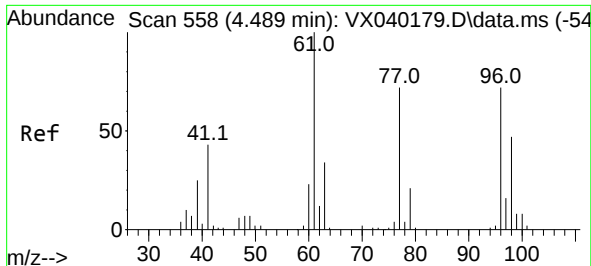
84 100

49 90.5 103.6 155.4#

51 72.3 33.8 50.6#

86 0.0 49.4 74.0#





#27

cis-1,2-Dichloroethene

Concen: 0.355 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.012 min

Lab File: VX040297.D

Acq: 17 Feb 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

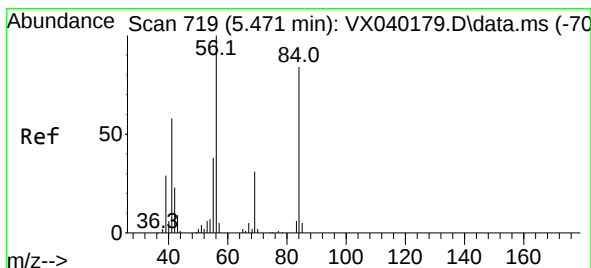
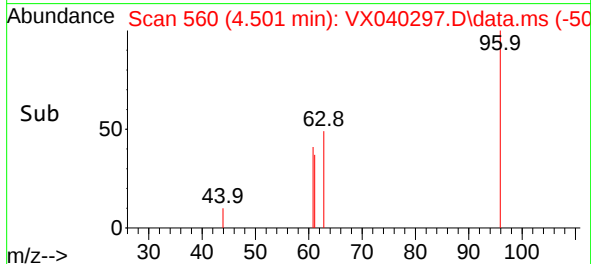
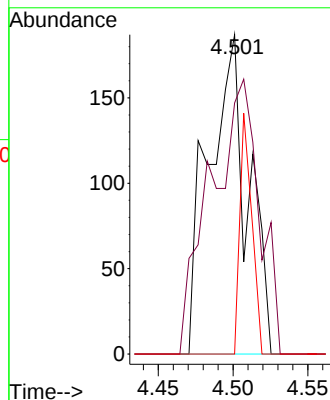
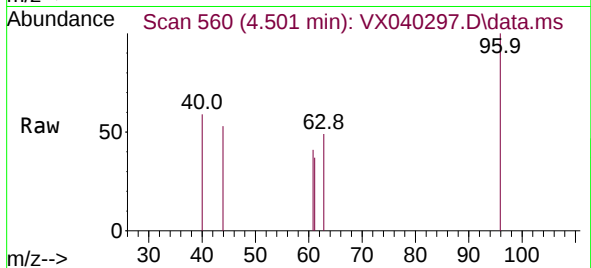
Tgt Ion: 96 Resp: 341

Ion Ratio Lower Upper

96 100

61 106.5 0.0 312.2

98 22.9 0.0 129.0



#31

Cyclohexane

Concen: 1.311 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.067 min

Lab File: VX040297.D

Acq: 17 Feb 2024 13:15

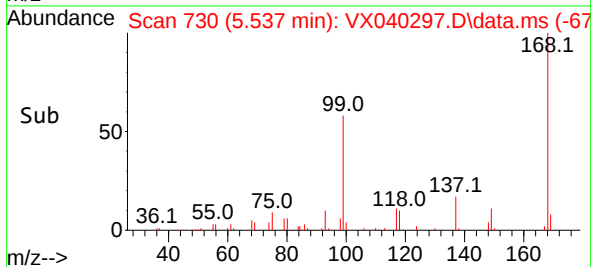
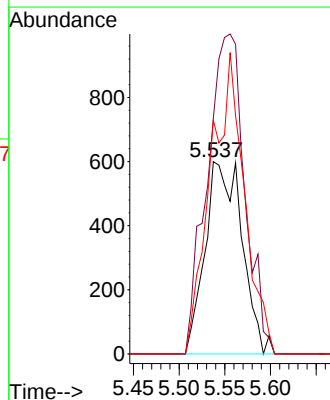
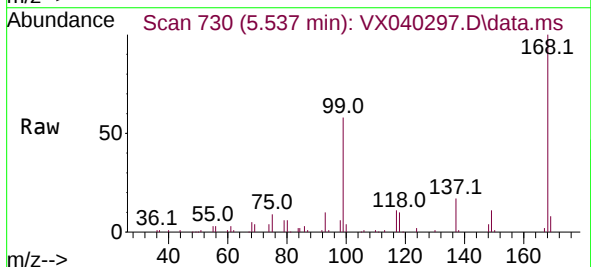
Tgt Ion: 56 Resp: 1684

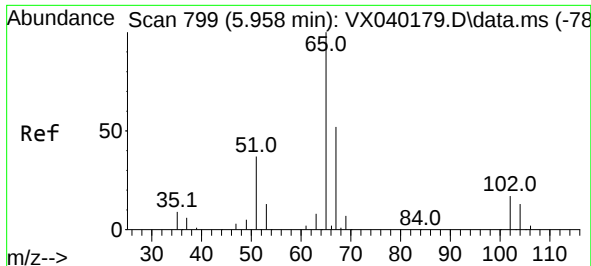
Ion Ratio Lower Upper

56 100

69 122.3 23.4 35.2#

84 121.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.280 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040297.D

Acq: 17 Feb 2024 13:15

Instrument :

MSVOA_X

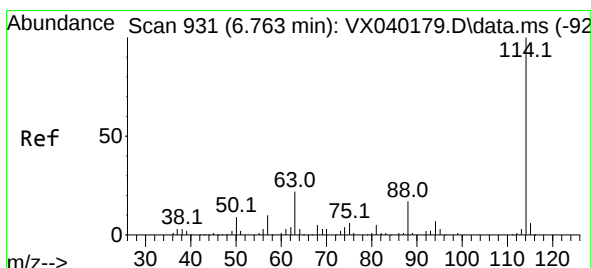
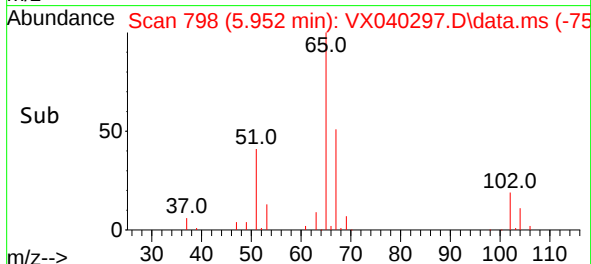
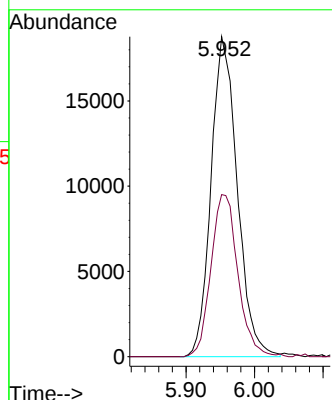
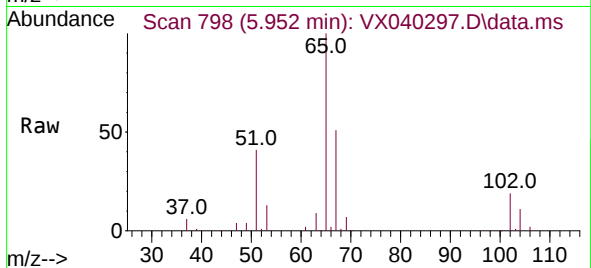
ClientSampleId :

Tgt Ion: 65 Resp: 49827

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: VX040297.D

Acq: 17 Feb 2024 13:15

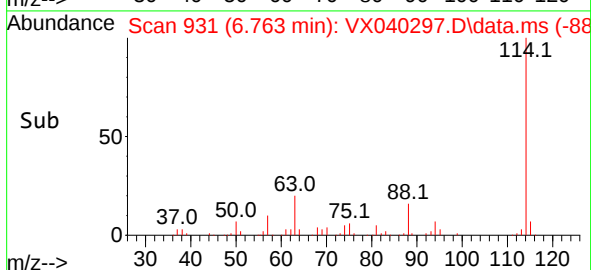
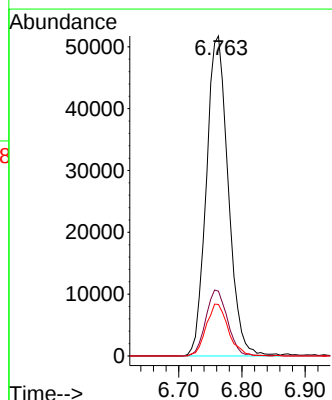
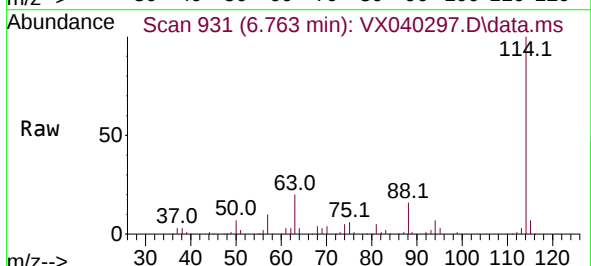
Tgt Ion: 114 Resp: 124466

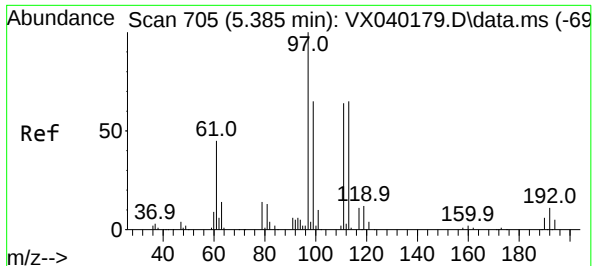
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.881 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

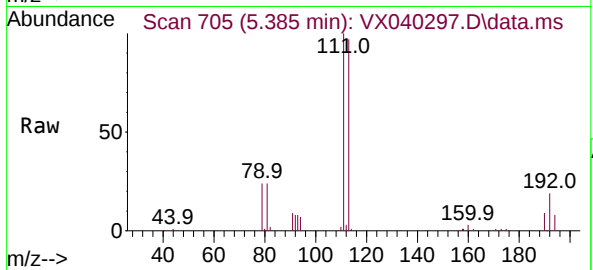
Lab File: VX040297.D

Acq: 17 Feb 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :



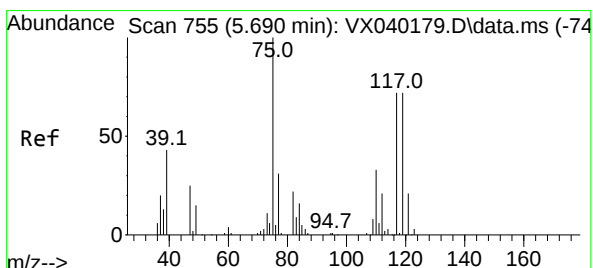
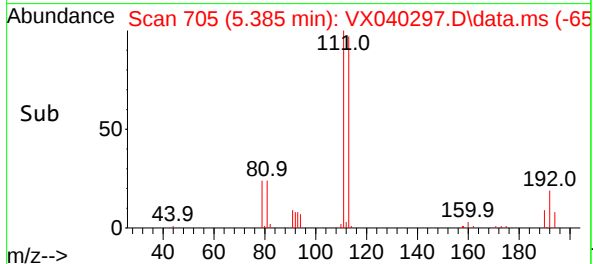
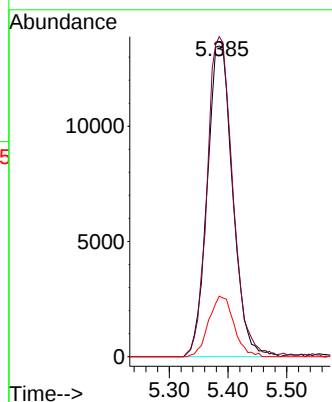
Tgt Ion:113 Resp: 40749

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 19.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.080 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX040297.D

Acq: 17 Feb 2024 13:15

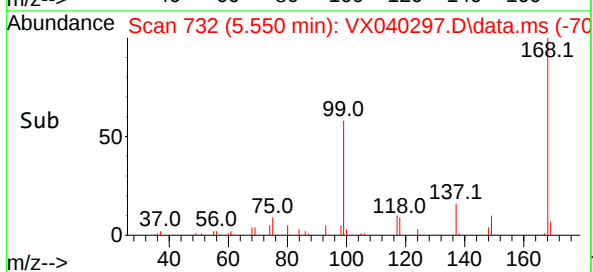
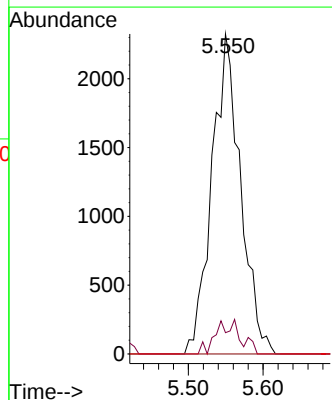
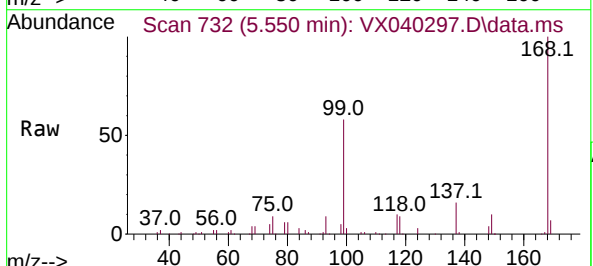
Tgt Ion: 75 Resp: 6185

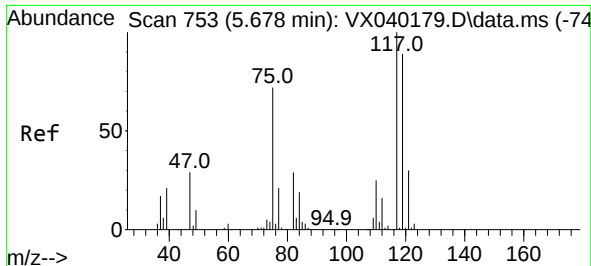
Ion Ratio Lower Upper

75 100

110 7.8 17.0 50.9#

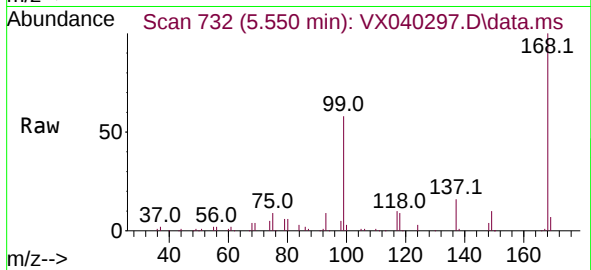
77 0.0 24.7 37.1#



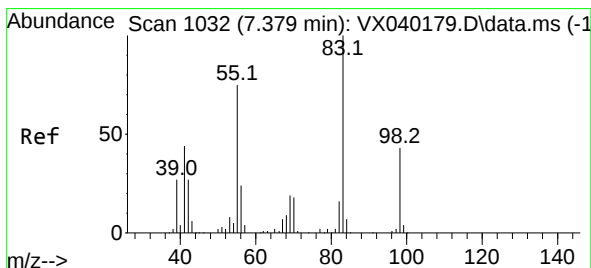
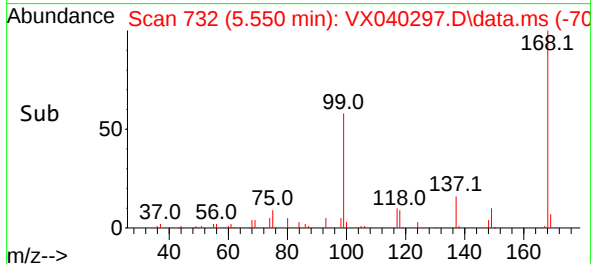
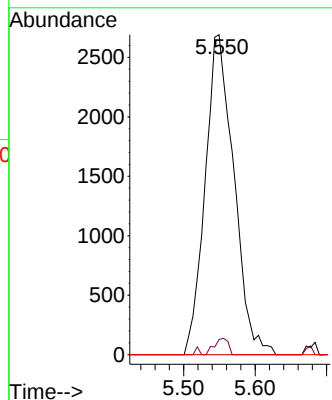


#38
Carbon Tetrachloride
Concen: 6.491 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :

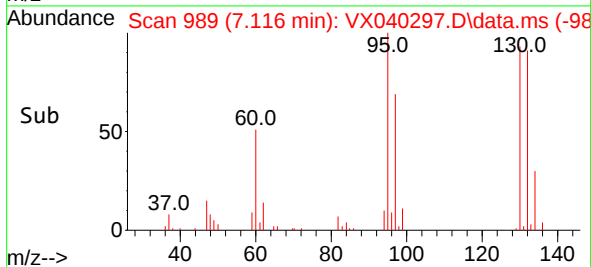
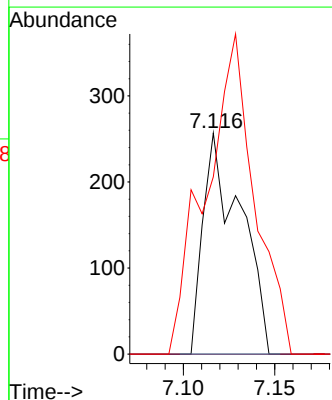
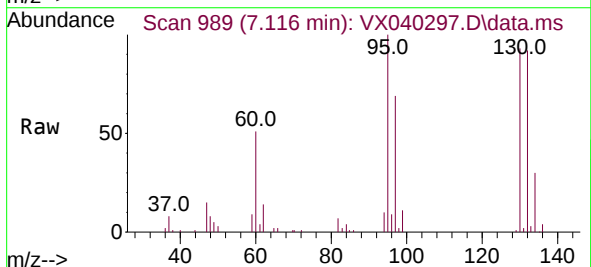


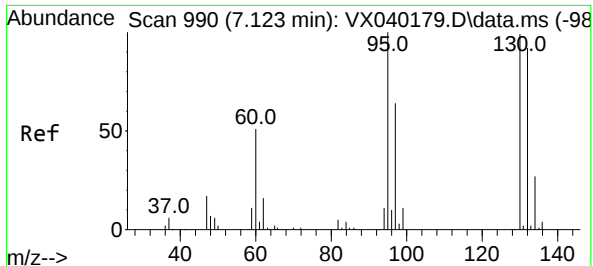
Tgt Ion:117 Resp: 7515
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.259 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.262 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

Tgt Ion: 83 Resp: 366
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 54.5 36.7 55.1

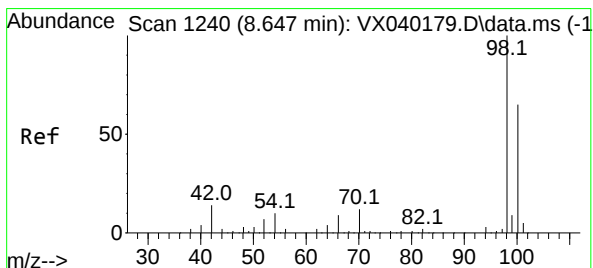
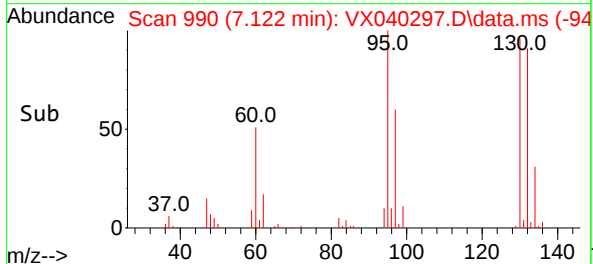
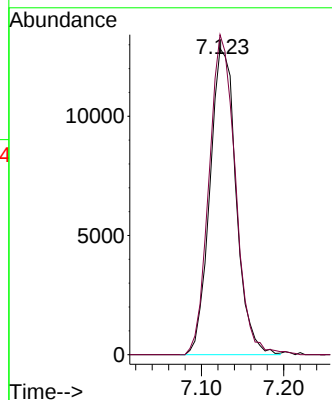
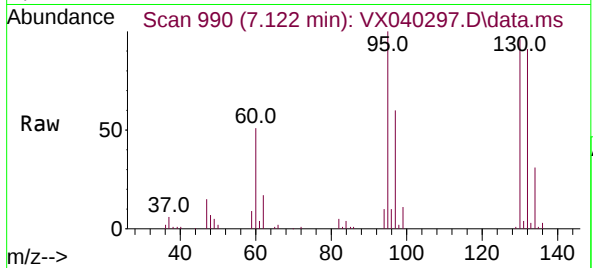




#44
Trichloroethene
Concen: 30.330 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

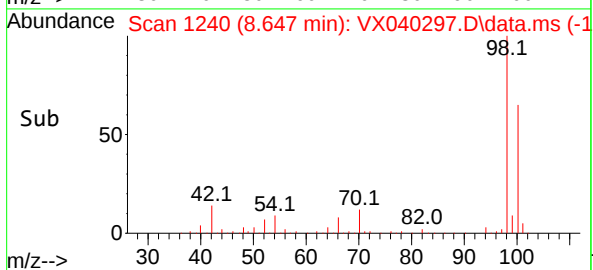
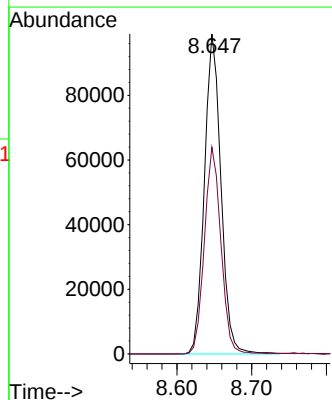
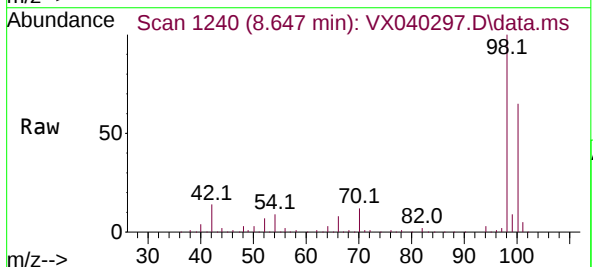
Instrument :
MSVOA_X
ClientSampleId :

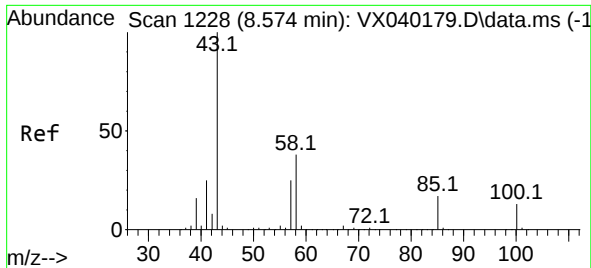
Tgt Ion:130 Resp: 28487
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.4



#50
Toluene-d8
Concen: 46.724 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

Tgt Ion: 98 Resp: 151921
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

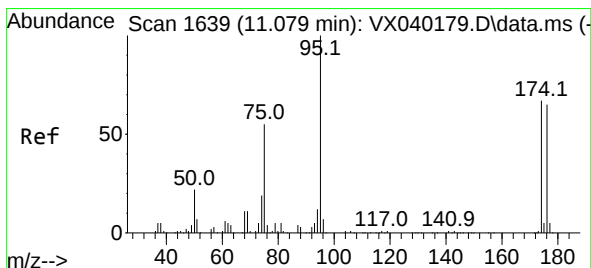
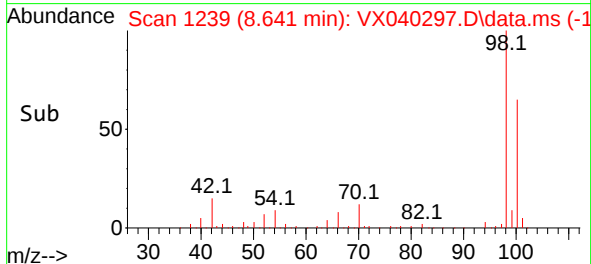
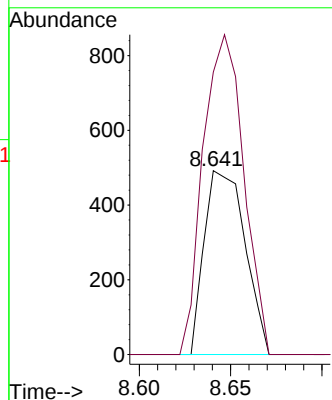
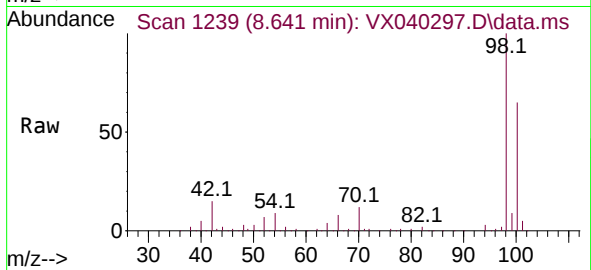




#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

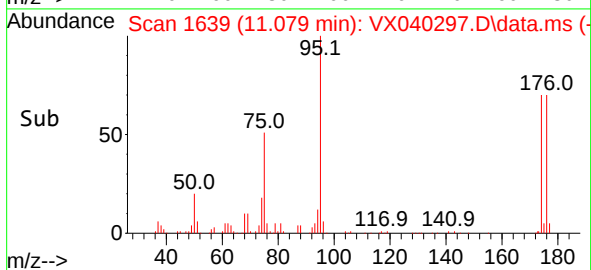
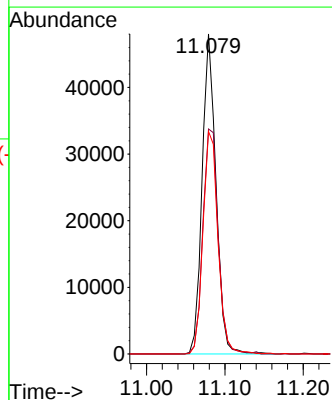
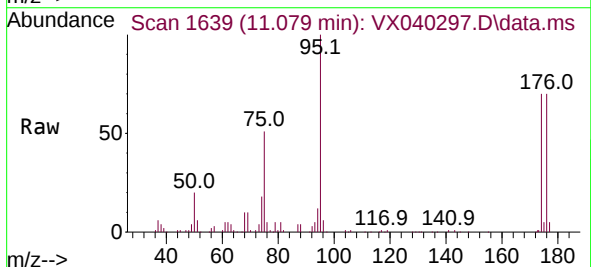
Instrument :
MSVOA_X
ClientSampleId :

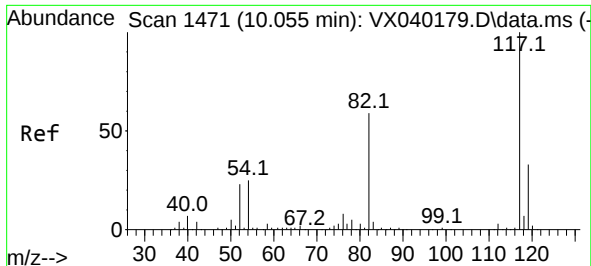
Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
58 173.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.483 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

Tgt Ion: 95 Resp: 58987
Ion Ratio Lower Upper
95 100
174 77.8 0.0 135.6
176 75.2 0.0 131.0

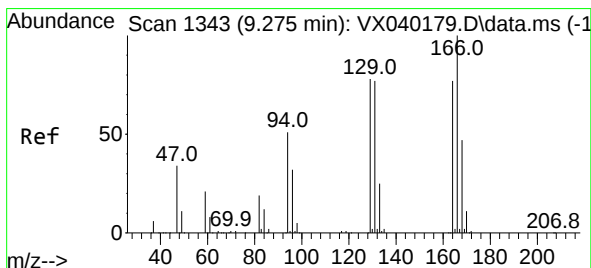
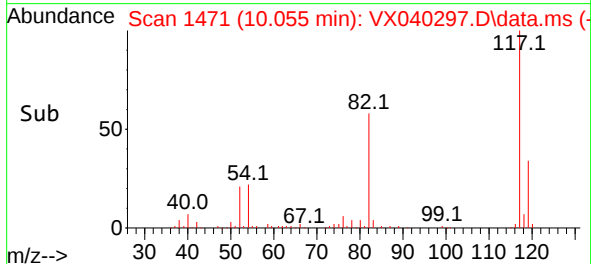
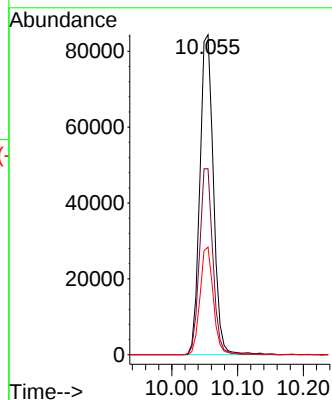
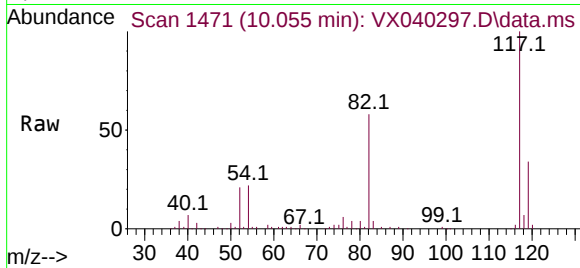




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

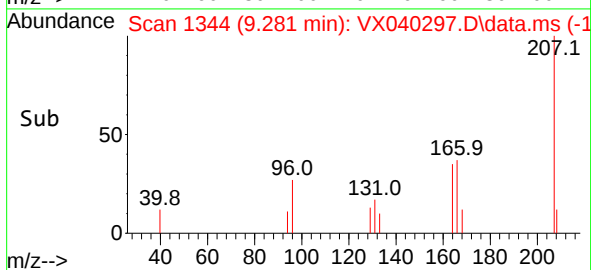
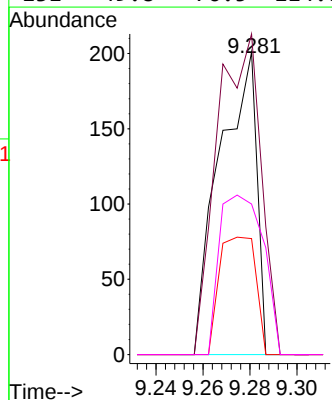
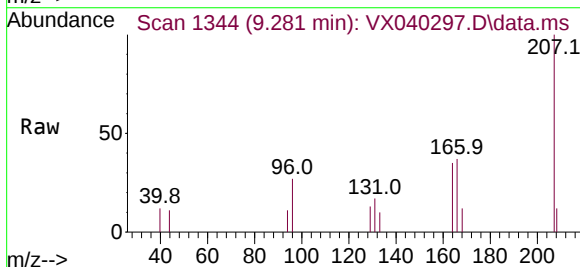
Instrument :
MSVOA_X
ClientSampleId :

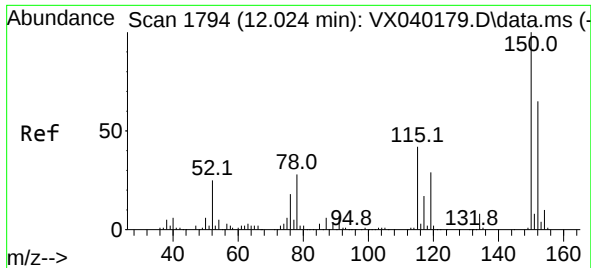
Tgt Ion:117 Resp: 120898
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 33.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.258 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

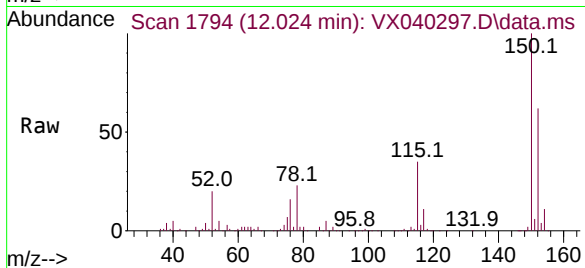
Tgt Ion:164 Resp: 219
Ion Ratio Lower Upper
164 100
166 106.0 102.7 154.1
129 38.3 80.4 120.6#
131 49.8 76.5 114.7#



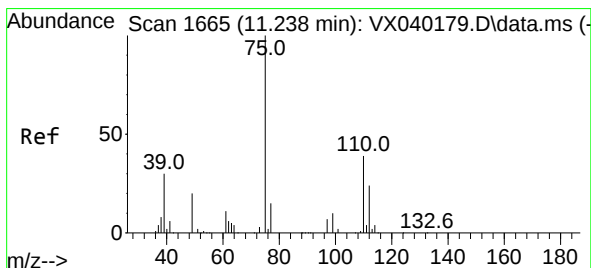
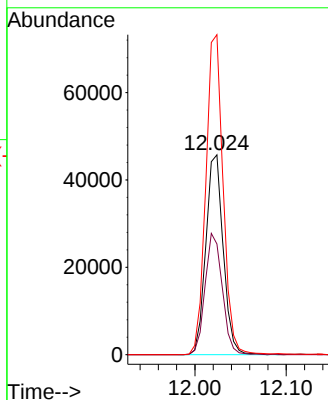
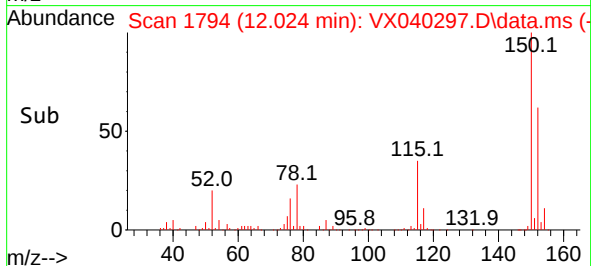


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040297.D
 Acq: 17 Feb 2024 13:15

Instrument :
 MSVOA_X
 ClientSampleId :

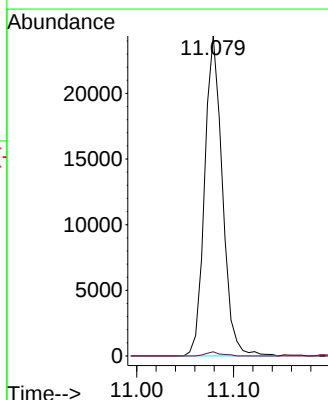
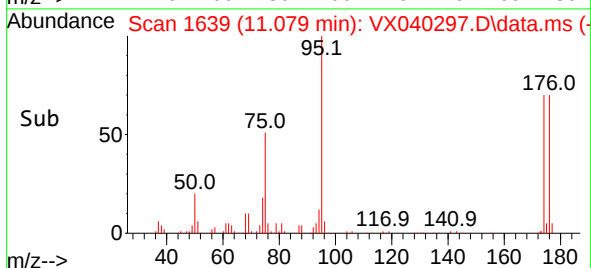
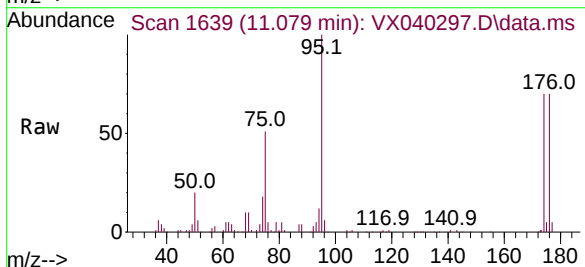


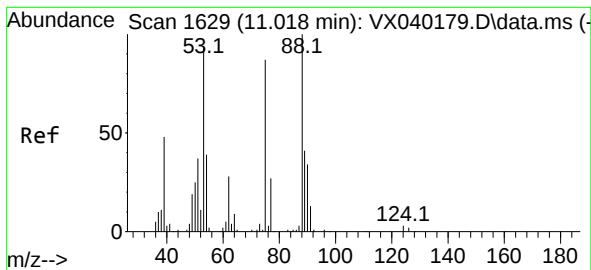
Tgt Ion:152 Resp: 60331
 Ion Ratio Lower Upper
 152 100
 115 60.0 43.3 129.9
 150 158.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.512 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040297.D
 Acq: 17 Feb 2024 13:15

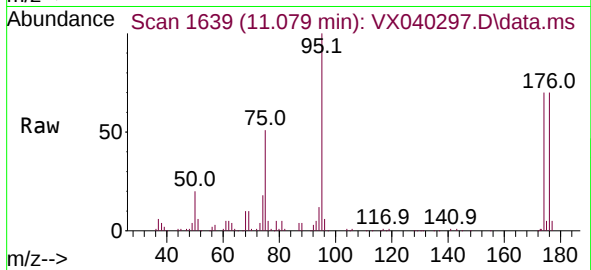
Tgt Ion: 75 Resp: 31169
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.105 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX040297.D
Acq: 17 Feb 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 31169
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

