

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025899.D
 Acq On : 17 Dec 2021 20:36
 Operator : JC/MD
 Sample : M5165-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 02:36:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

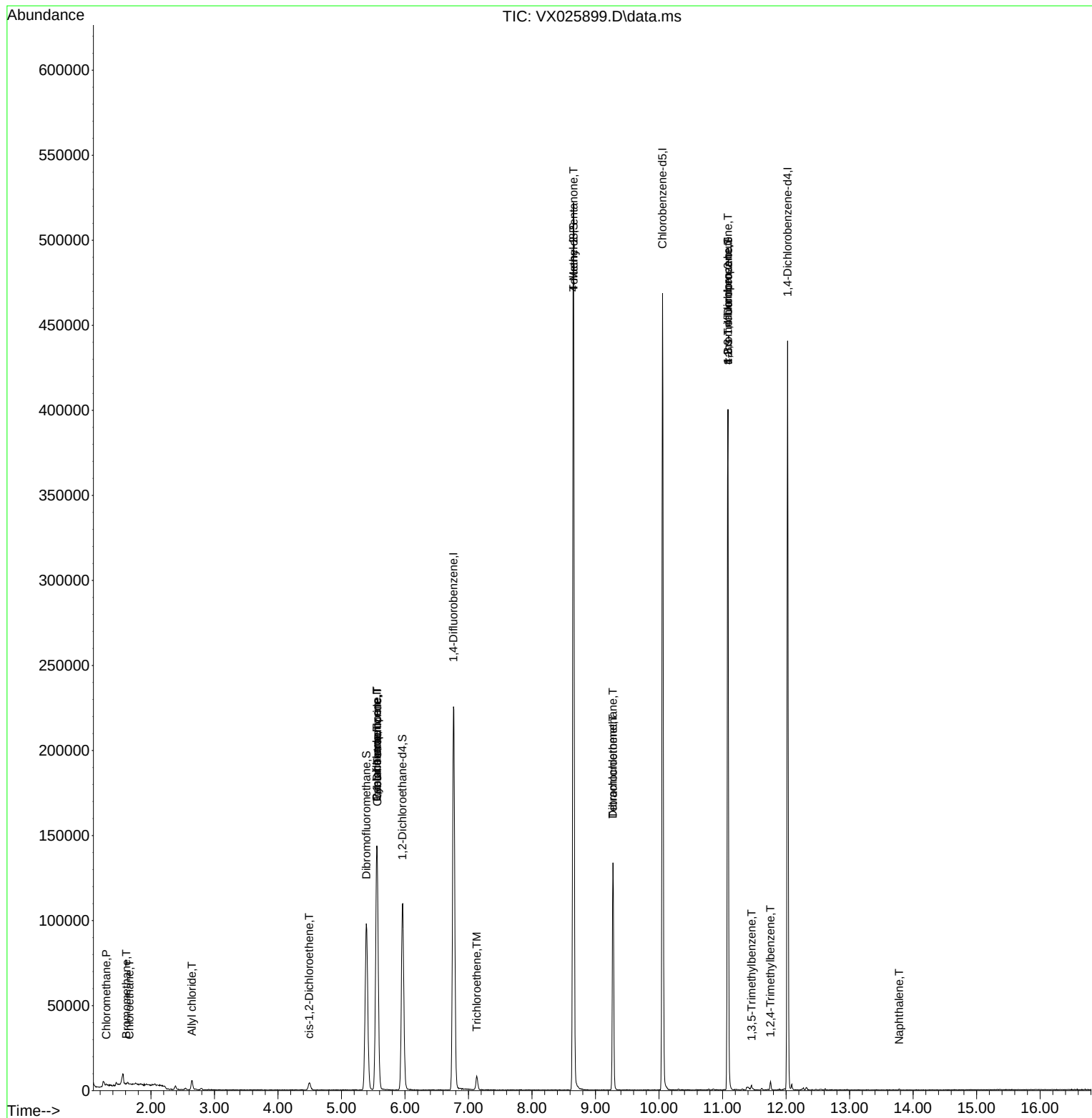
Internal Standards						
1) Pentafluorobenzene	5.556	168	131980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104780	55.178	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.360%
35) Dibromofluoromethane	5.391	113	84062	52.253	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.500%
50) Toluene-d8	8.653	98	308776	52.679	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.360%
62) 4-Bromofluorobenzene	11.085	95	105201	47.248	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	347	0.226	ug/l #	62
5) Bromomethane	1.611	94	359	0.308	ug/l #	68
6) Chloroethane	1.660	64	391	0.330	ug/l	92
14) Allyl chloride	2.642	41	5914	2.319	ug/l #	43
16) Acetone	2.386	43	2284	Below Cal	#	88
20) Methylene Chloride	2.782	84	527	Below Cal	#	53
27) cis-1,2-Dichloroethene	4.489	96	2502	1.353	ug/l	96
31) Cyclohexane	5.556	56	3244	1.405	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	11157	5.114	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14789	5.826	ug/l #	17
44) Trichloroethene	7.129	130	2925	1.614	ug/l	88
51) 4-Methyl-2-Pentanone	8.653	43	1480	0.579	ug/l #	1
60) Dibromochloromethane	9.275	129	24488	12.133	ug/l #	11
64) Tetrachloroethene	9.275	164	24066	14.435	ug/l	99
76) 1,2,3-Trichloropropane	11.085	75	55680	28.219	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	1313	0.253	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	55680	87.487	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.756	105	2403	0.464	ug/l	99
95) Naphthalene	13.780	128	662	2.519	ug/l #	69

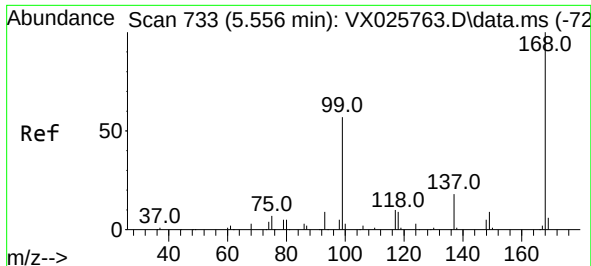
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

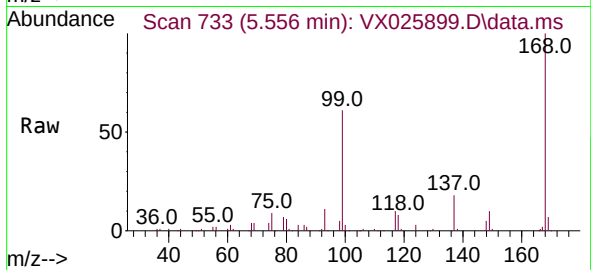
Quant Time: Dec 19 02:36:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
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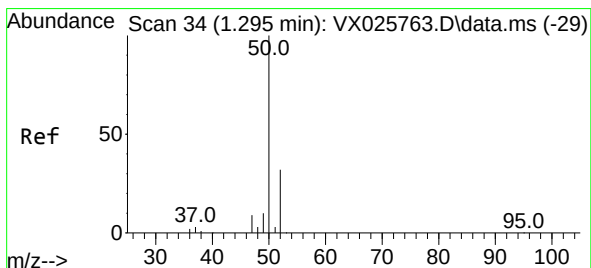
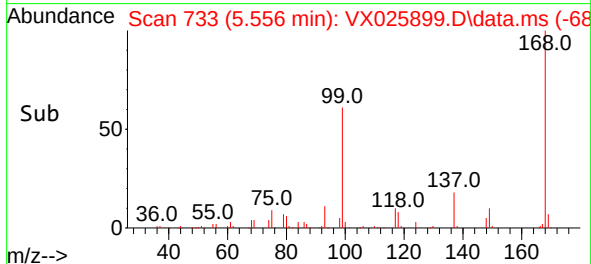
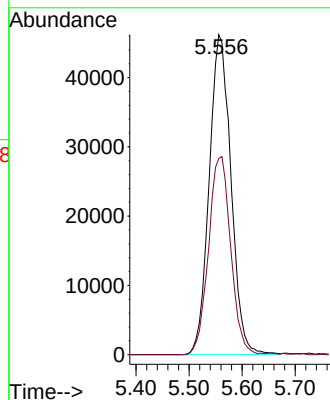


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Instrument :
MSVOA_X
ClientSampleId :

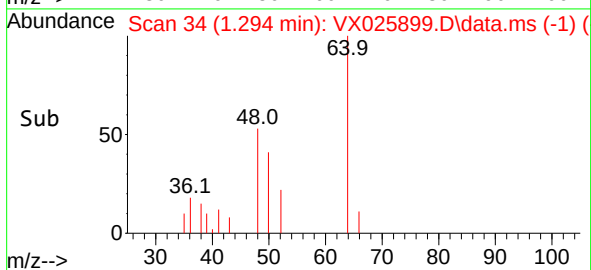
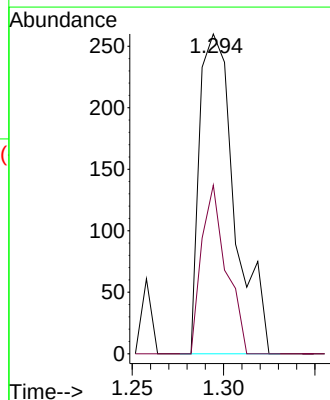
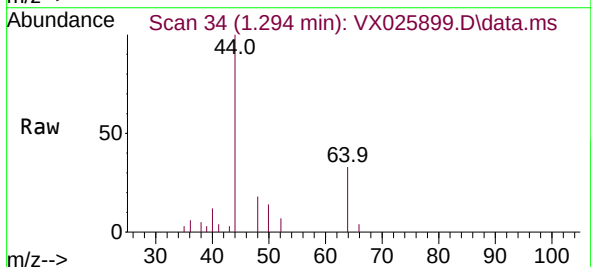


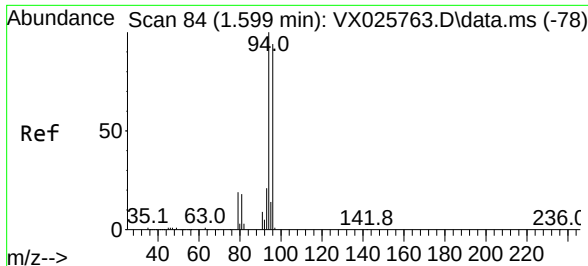
Tgt Ion:168 Resp: 131980
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.8



#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion: 50 Resp: 347
Ion Ratio Lower Upper
50 100
52 52.7 25.4 38.0#

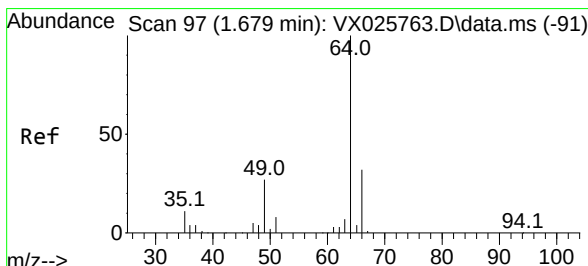
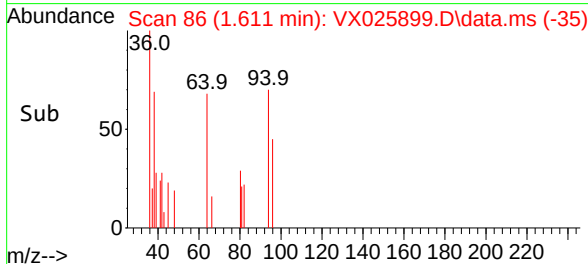
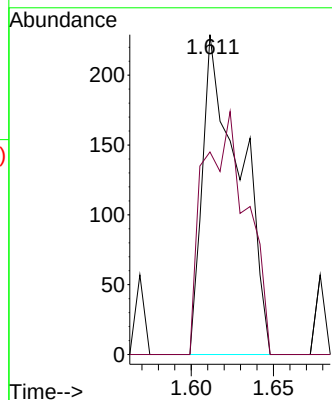
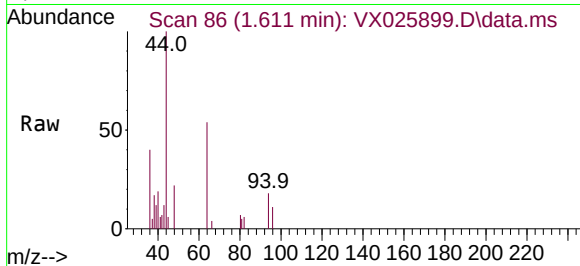




#5
Bromomethane
Concen: 0.308 ug/l
RT: 1.611 min Scan# 84
Delta R.T. 0.012 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

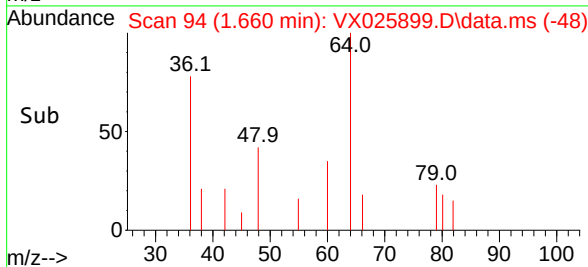
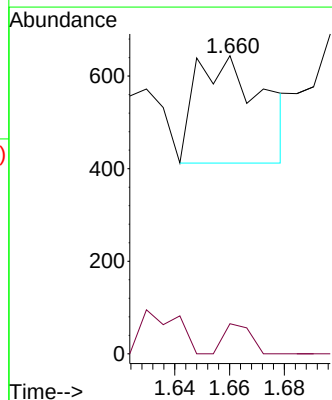
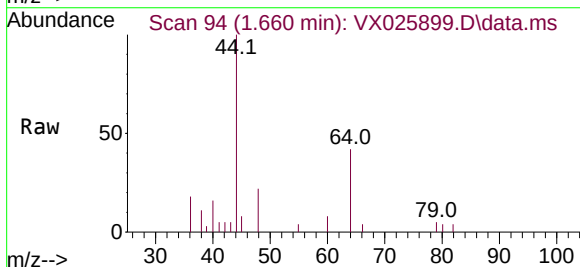
Instrument :
MSVOA_X
ClientSampleId :

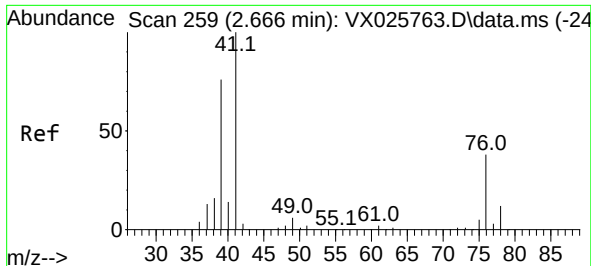
Tgt Ion: 94 Resp: 359
Ion Ratio Lower Upper
94 100
96 63.3 75.0 112.4#



#6
Chloroethane
Concen: 0.330 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion: 64 Resp: 391
Ion Ratio Lower Upper
64 100
66 28.0 25.9 38.9

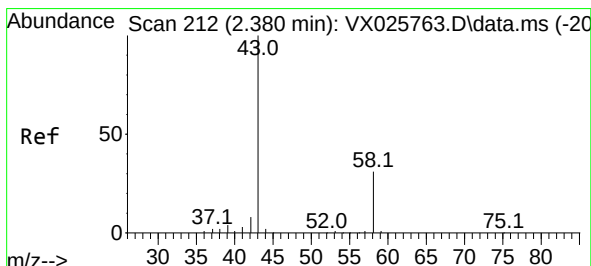
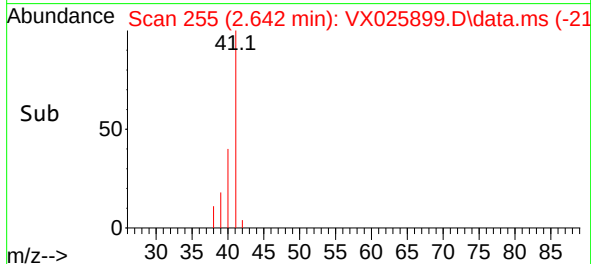
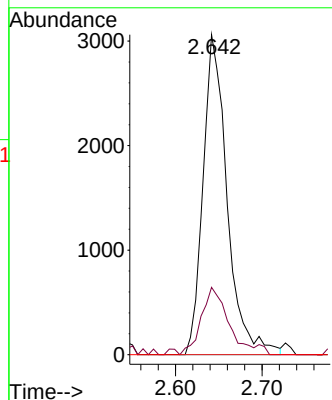
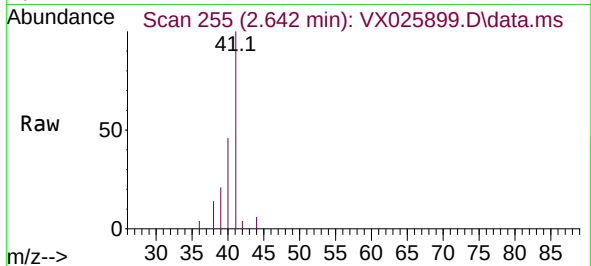




#14
 Allyl chloride
 Concen: 2.319 ug/l
 RT: 2.642 min Scan# 213
 Delta R.T. -0.025 min
 Lab File: VX025899.D
 Acq: 17 Dec 2021 20:36

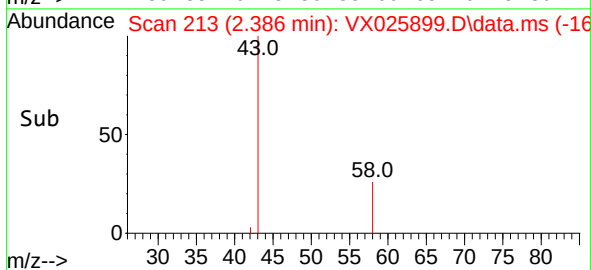
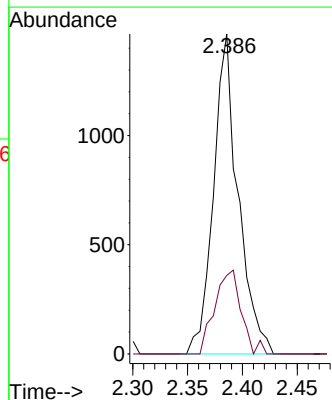
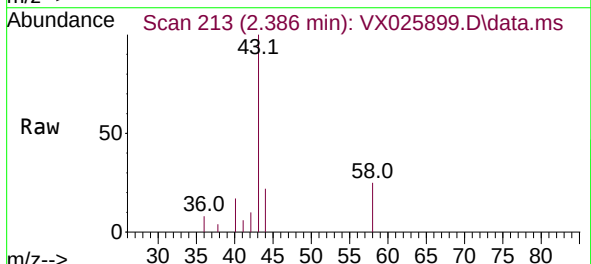
Instrument :
 MSVOA_X
 ClientSampleId :

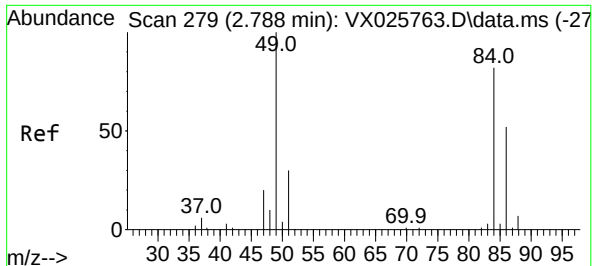
Tgt Ion	Ratio	Lower	Upper
41	100		
39	24.4	55.4	83.0#
76	0.0	27.6	41.4#



#16
 Acetone
 Concen: Below Cal
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX025899.D
 Acq: 17 Dec 2021 20:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	24.6	24.8	37.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

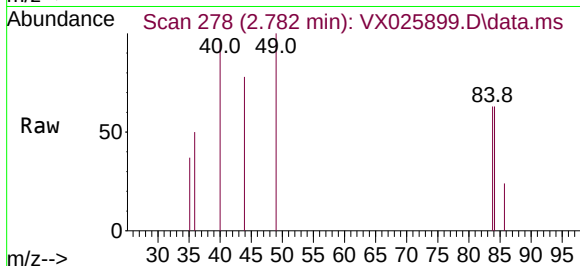
Lab File: VX025899.D

Acq: 17 Dec 2021 20:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 527

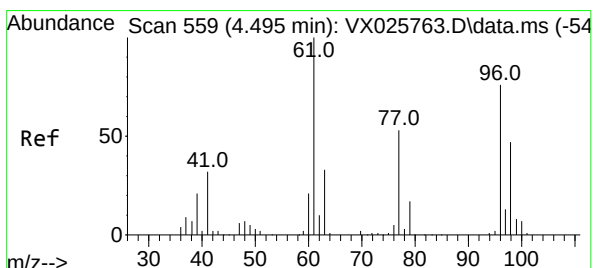
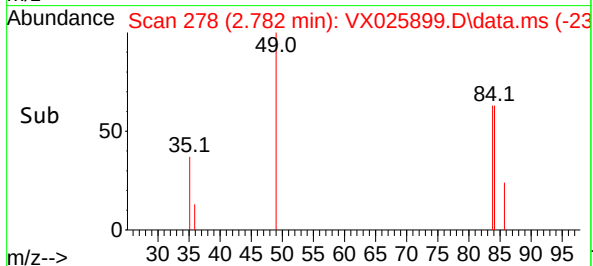
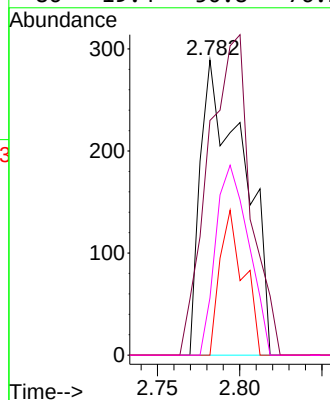
Ion Ratio Lower Upper

84 100

49 79.6 97.1 145.7#

51 0.0 29.3 43.9#

86 19.4 50.8 76.2#



#27

cis-1,2-Dichloroethene

Concen: 1.353 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX025899.D

Acq: 17 Dec 2021 20:36

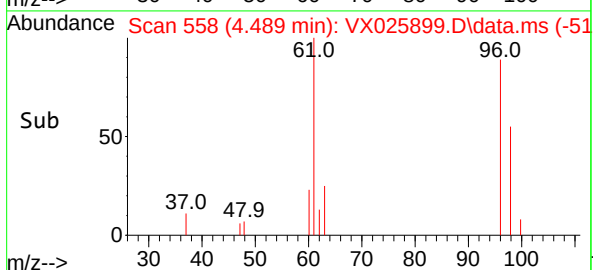
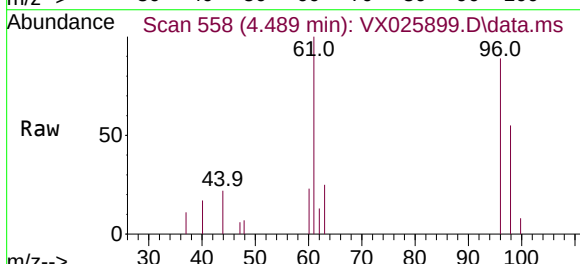
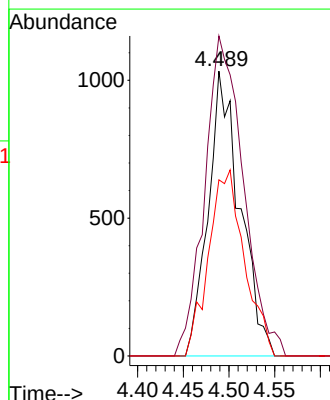
Tgt Ion: 96 Resp: 2502

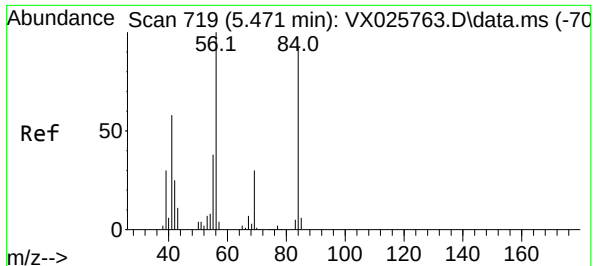
Ion Ratio Lower Upper

96 100

61 136.7 0.0 276.8

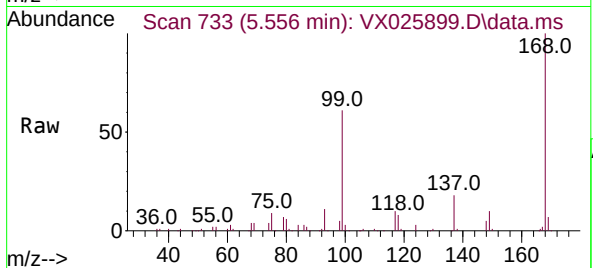
98 73.4 0.0 130.6



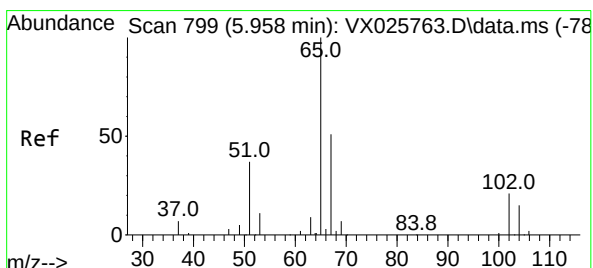
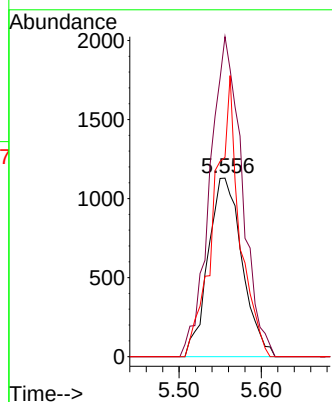
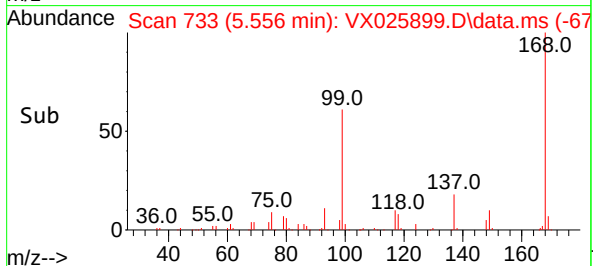


#31
Cyclohexane
Concen: 1.405 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Instrument :
MSVOA_X
ClientSampleId :

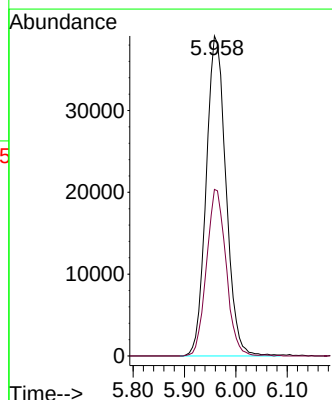
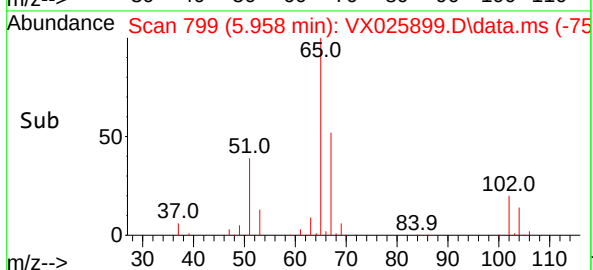
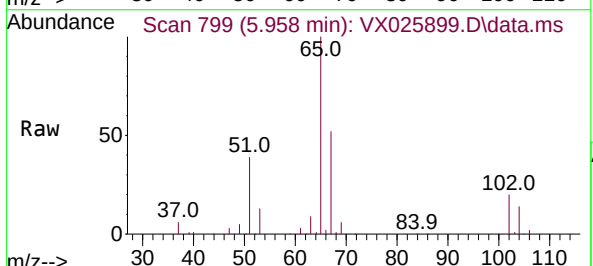


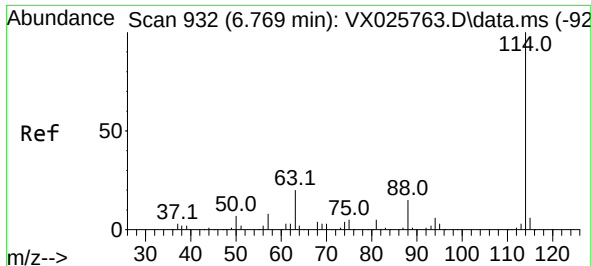
Tgt Ion: 56 Resp: 3244
Ion Ratio Lower Upper
56 100
69 179.3 23.9 35.9#
84 111.7 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 55.178 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion: 65 Resp: 104780
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

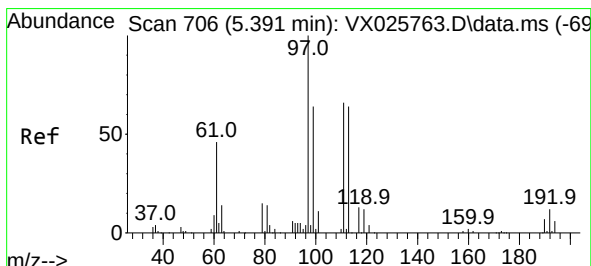
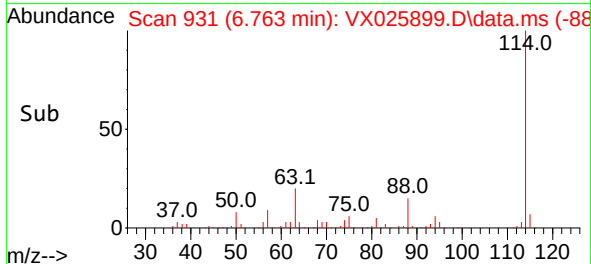
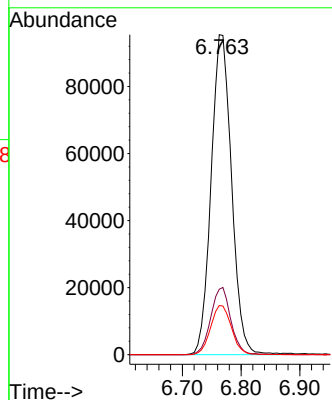
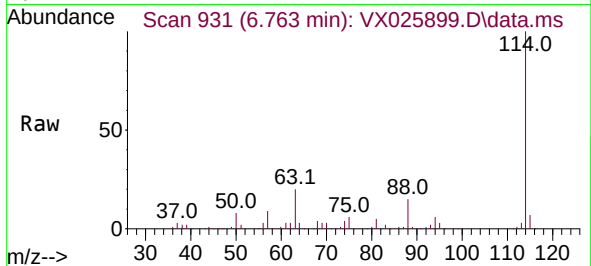




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX025899.D
 Acq: 17 Dec 2021 20:36

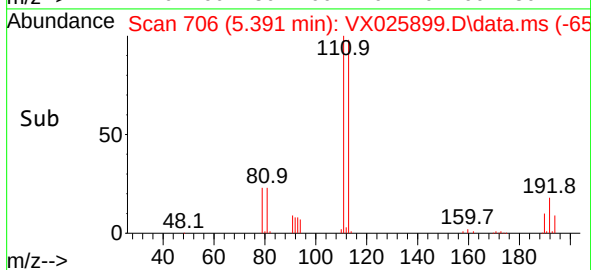
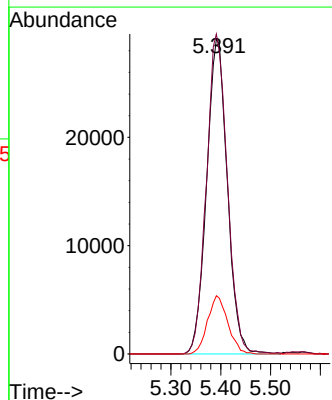
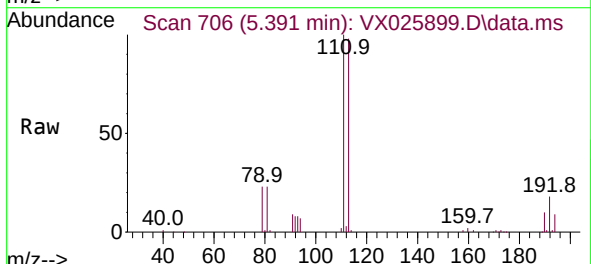
Instrument :
 MSVOA_X
 ClientSampleId :

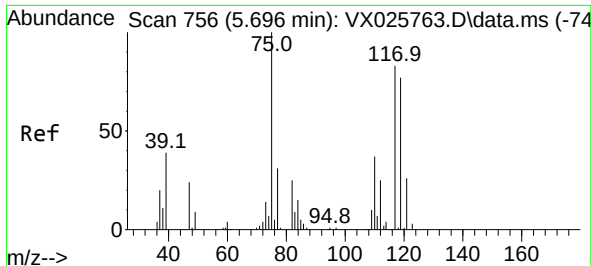
Tgt Ion:114 Resp: 230673
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 15.3 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 52.253 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: VX025899.D
 Acq: 17 Dec 2021 20:36

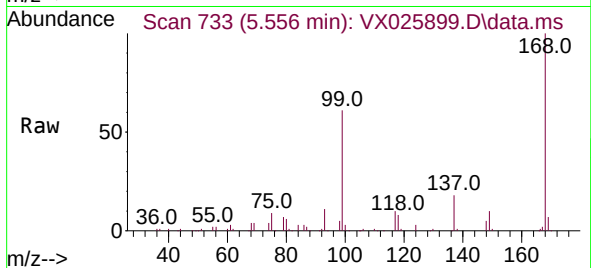
Tgt Ion:113 Resp: 84062
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.8
 192 18.0 15.0 22.4



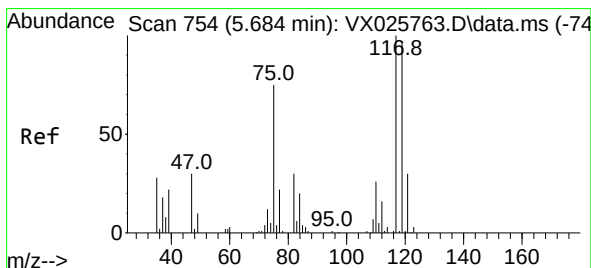
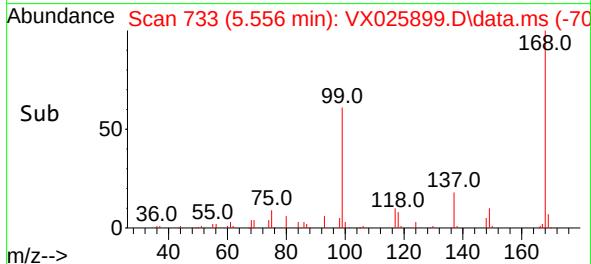
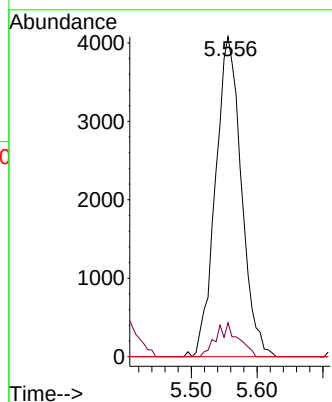


#36
1,1-Dichloropropene
Concen: 5.114 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Instrument :
MSVOA_X
ClientSampleId :

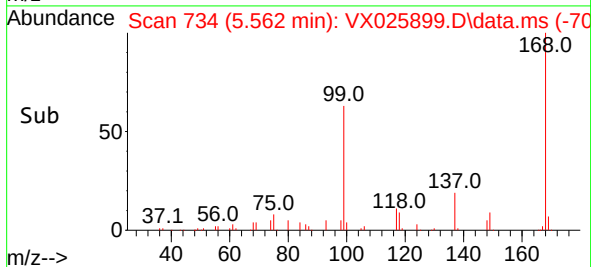
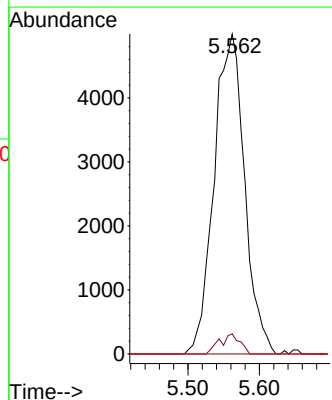
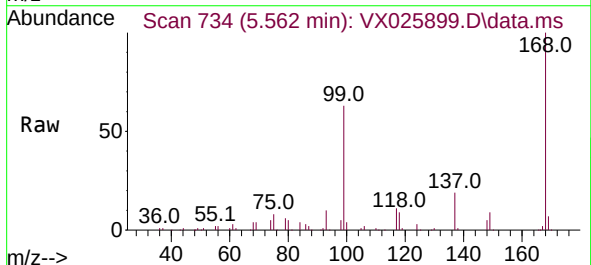


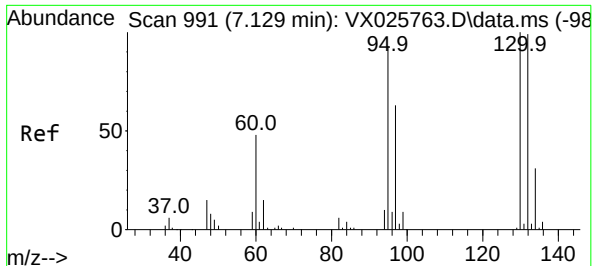
Tgt Ion: 75 Resp: 11157
Ion Ratio Lower Upper
75 100
110 9.0 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.826 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion: 117 Resp: 14789
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 23.8 35.8#

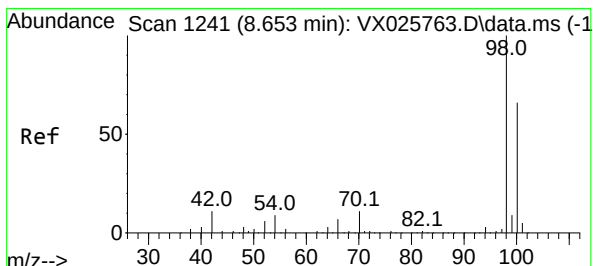
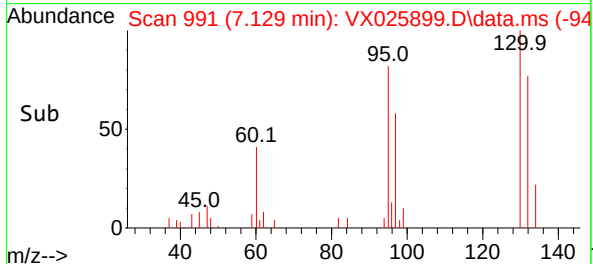
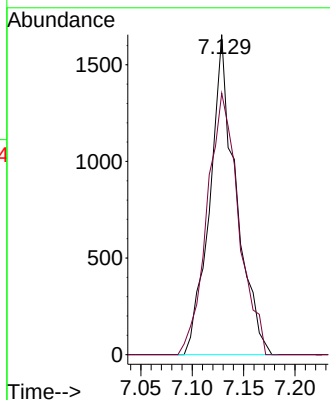
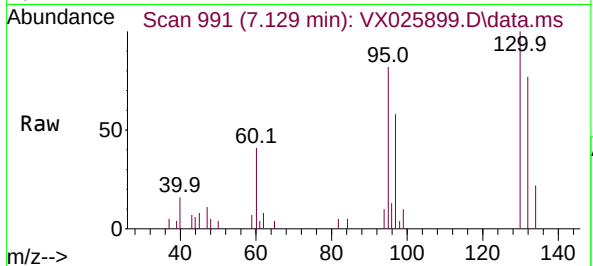




#44
Trichloroethene
Concen: 1.614 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

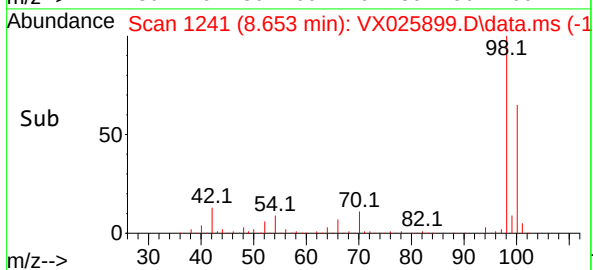
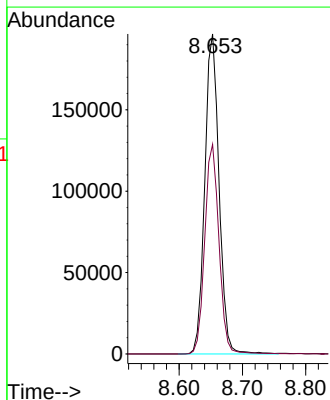
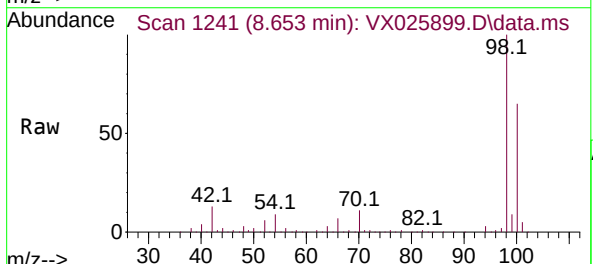
Instrument :
MSVOA_X
ClientSampleId :

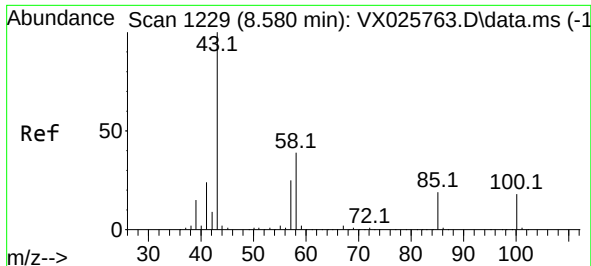
Tgt Ion:130 Resp: 2925
Ion Ratio Lower Upper
130 100
95 81.8 0.0 186.4



#50
Toluene-d8
Concen: 52.679 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion: 98 Resp: 308776
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

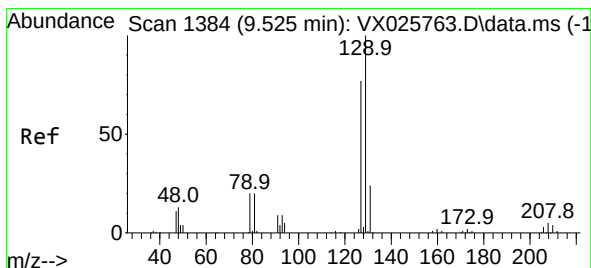
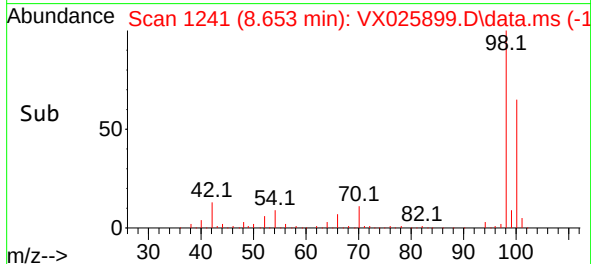
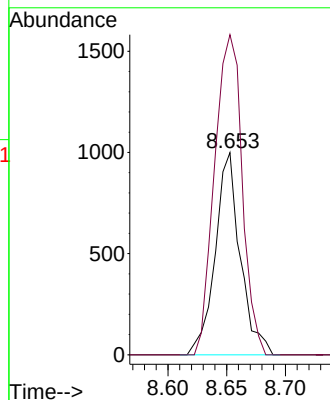
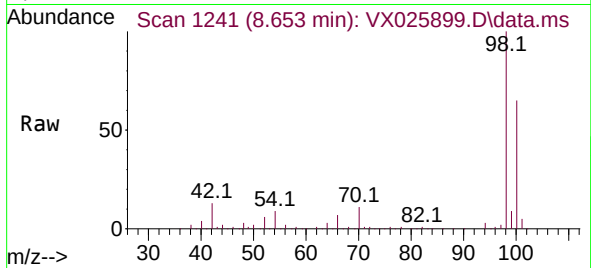




#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

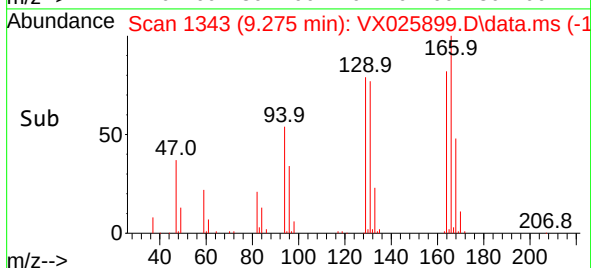
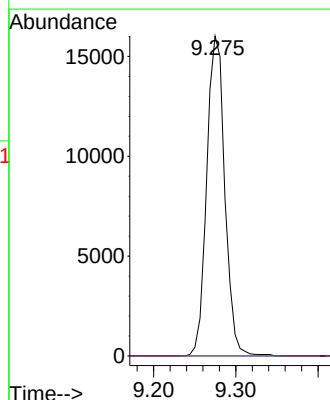
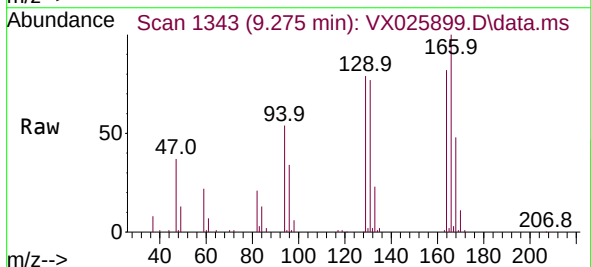
Instrument :
MSVOA_X
ClientSampleId :

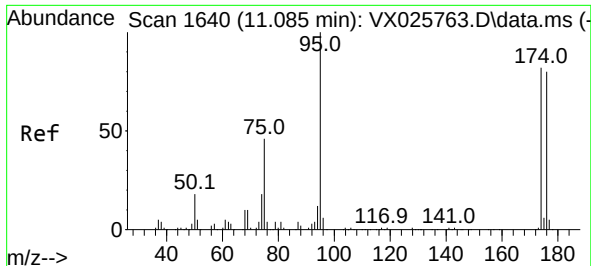
Tgt Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
58 174.8 30.8 46.2#



#60
Dibromochloromethane
Concen: 12.133 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion: 129 Resp: 24488
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#

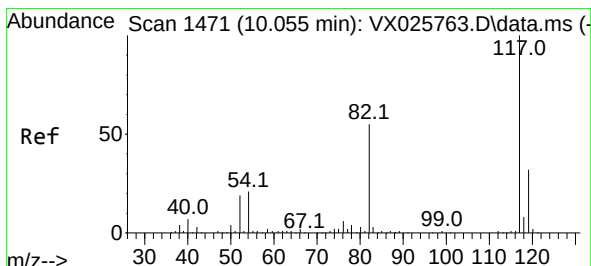
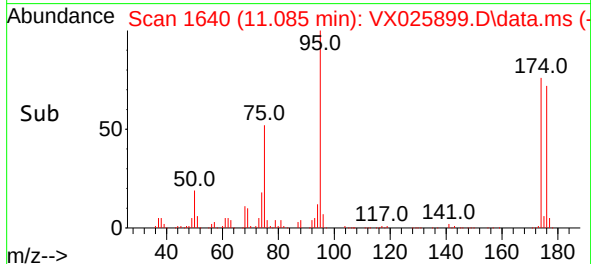
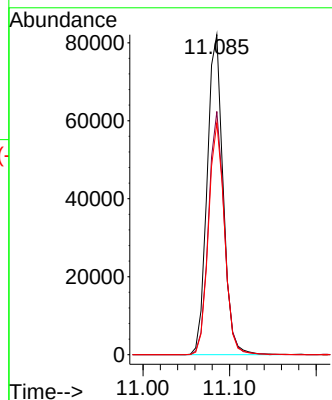
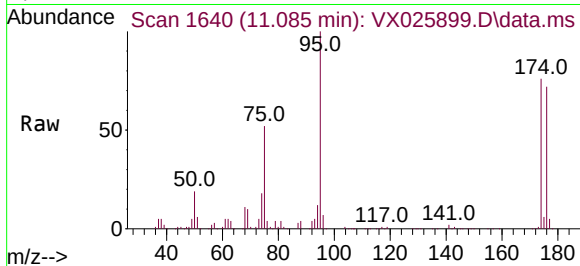




#62
4-Bromofluorobenzene
Concen: 47.248 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

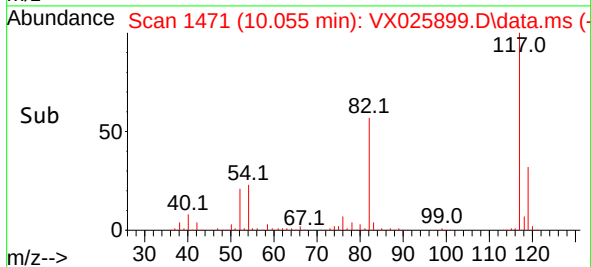
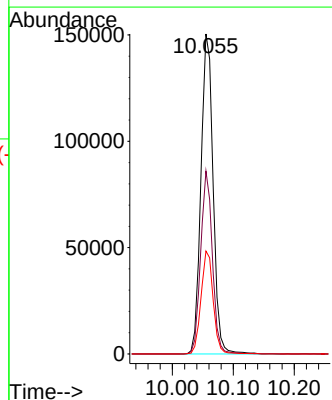
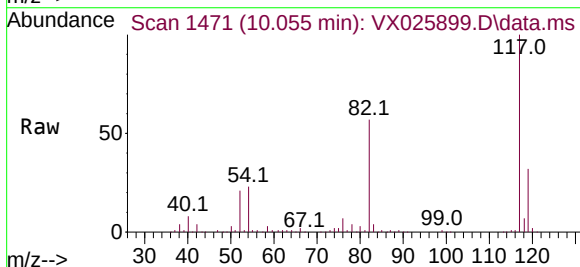
Instrument :
MSVOA_X
ClientSampleId :

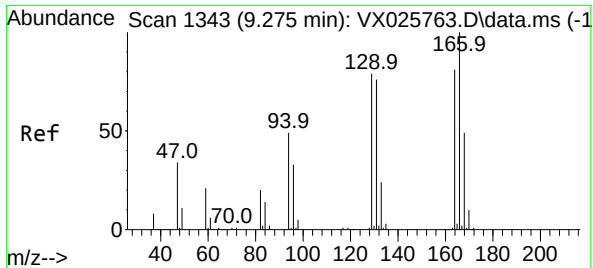
Tgt Ion: 95 Resp: 105201
Ion Ratio Lower Upper
95 100
174 75.1 0.0 157.4
176 72.3 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

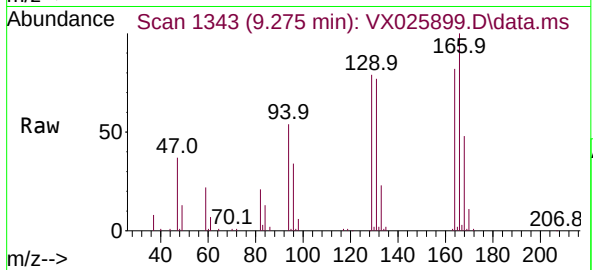
Tgt Ion: 117 Resp: 209010
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.6
119 32.2 25.2 37.8



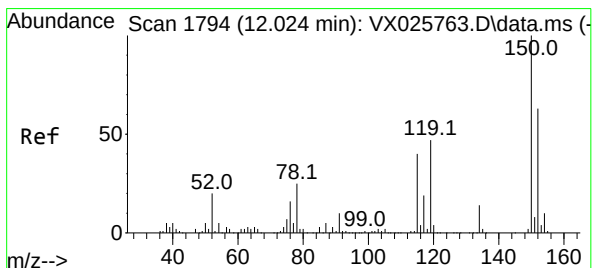
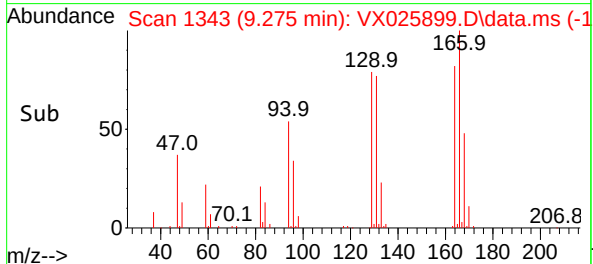
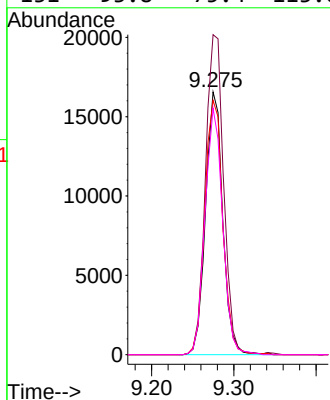


#64
Tetrachloroethene
Concen: 14.435 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Instrument :
MSVOA_X
ClientSampleId :

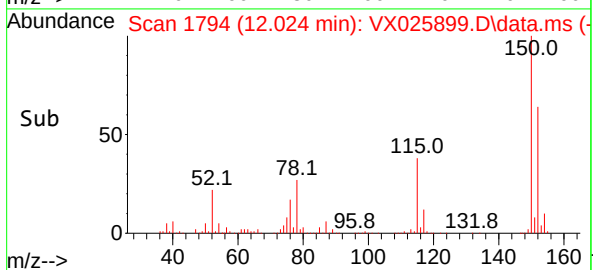
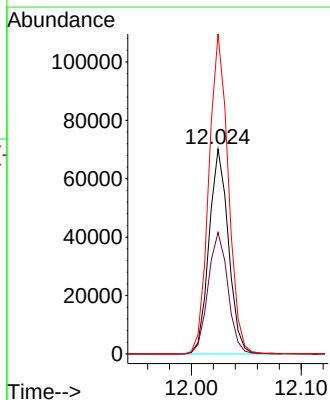
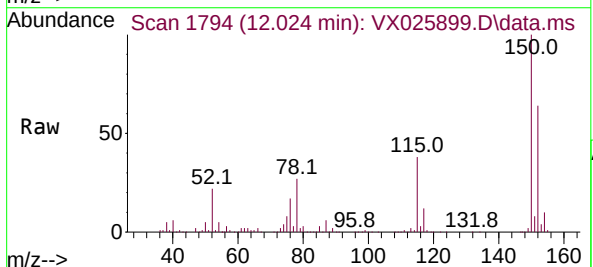


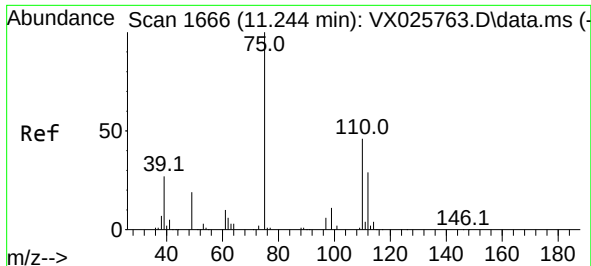
Tgt Ion:	164	Resp:	24066
Ion	Ratio	Lower	Upper
164	100		
166	121.8	99.4	149.0
129	96.8	78.6	118.0
131	93.8	75.4	113.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion:	152	Resp:	86119
Ion	Ratio	Lower	Upper
152	100		
115	60.8	41.3	123.9
150	157.1	0.0	351.8

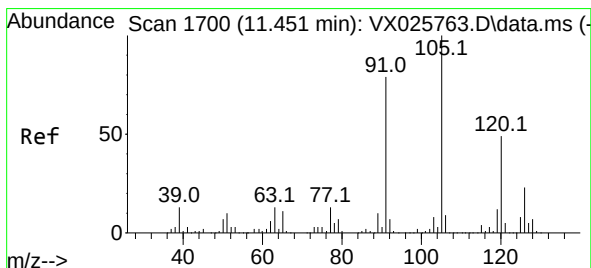
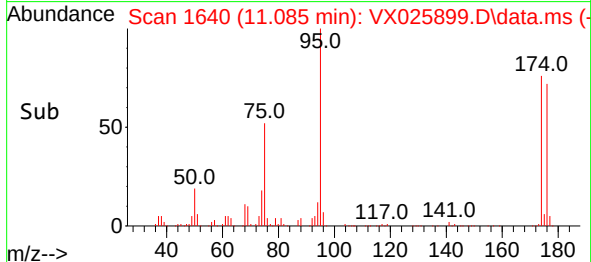
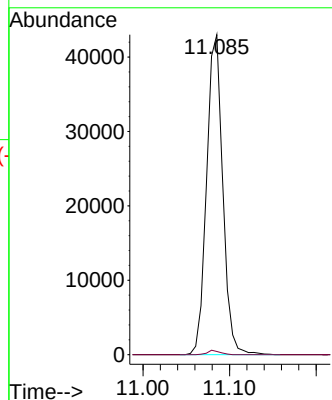
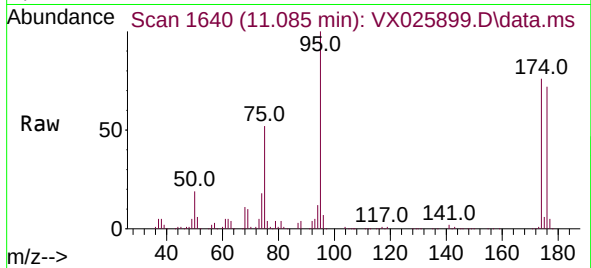




#76
1,2,3-Trichloropropane
Concen: 28.219 ug/l
RT: 11.085 min Scan# 110
Delta R.T. -0.159 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

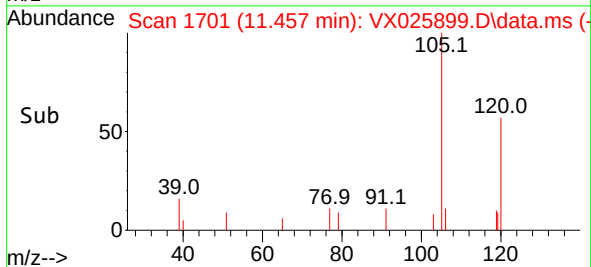
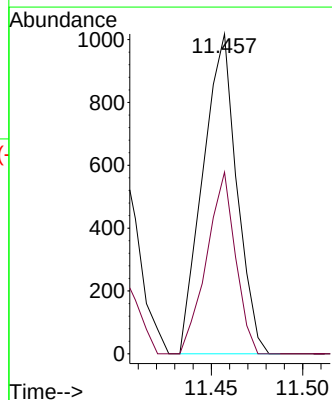
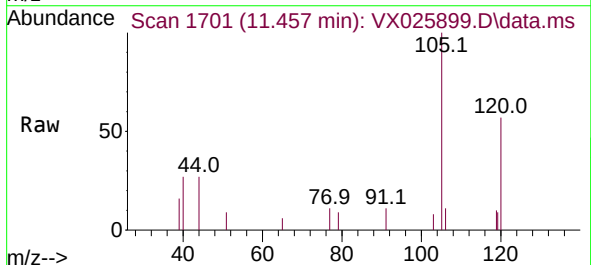
Instrument :
MSVOA_X
ClientSampleId :

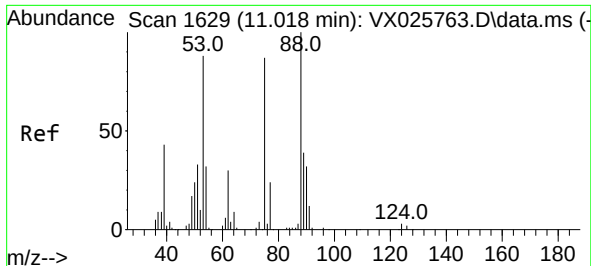
Tgt Ion: 75 Resp: 55680
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.253 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion: 105 Resp: 1313
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.7

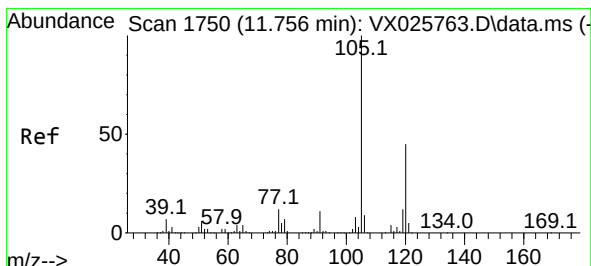
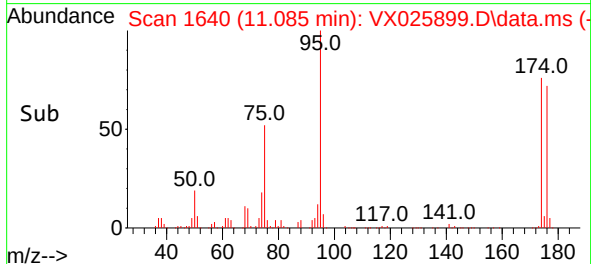
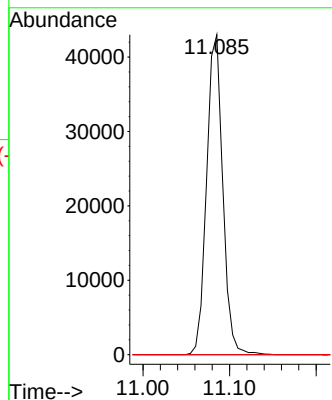
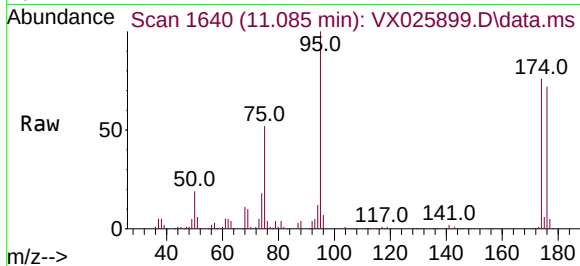




#81
trans-1,4-Dichloro-2-butene
Concen: 87.487 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

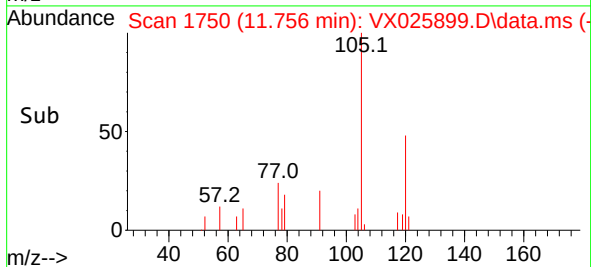
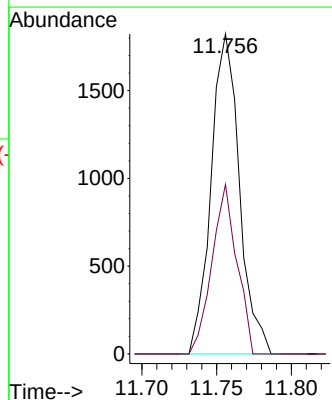
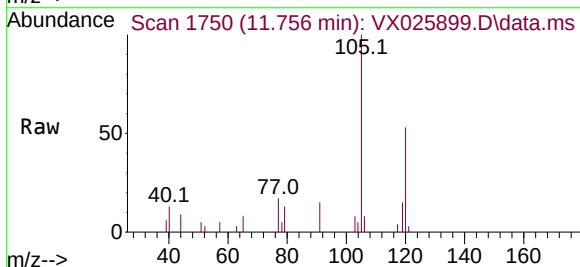
Instrument :
MSVOA_X
ClientSampleId :

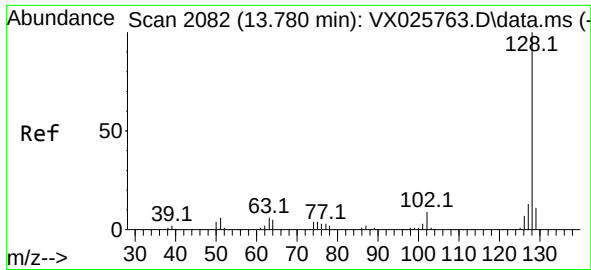
Tgt Ion: 75 Resp: 55680
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.464 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion: 105 Resp: 2403
Ion Ratio Lower Upper
105 100
120 46.4 22.9 68.7





#95

Naphthalene

Concen: 2.519 ug/l

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

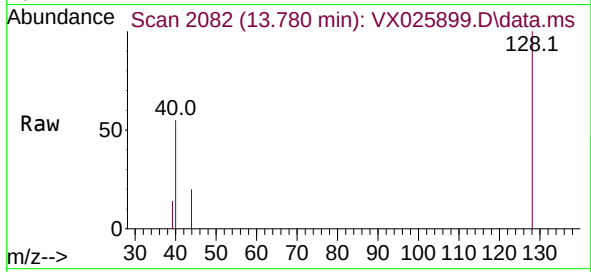
Lab File: VX025899.D

Acq: 17 Dec 2021 20:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 662

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

