

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025433.D
 Acq On : 02 Dec 2021 17:06
 Operator : JC/MD
 Sample : M4917-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:08:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

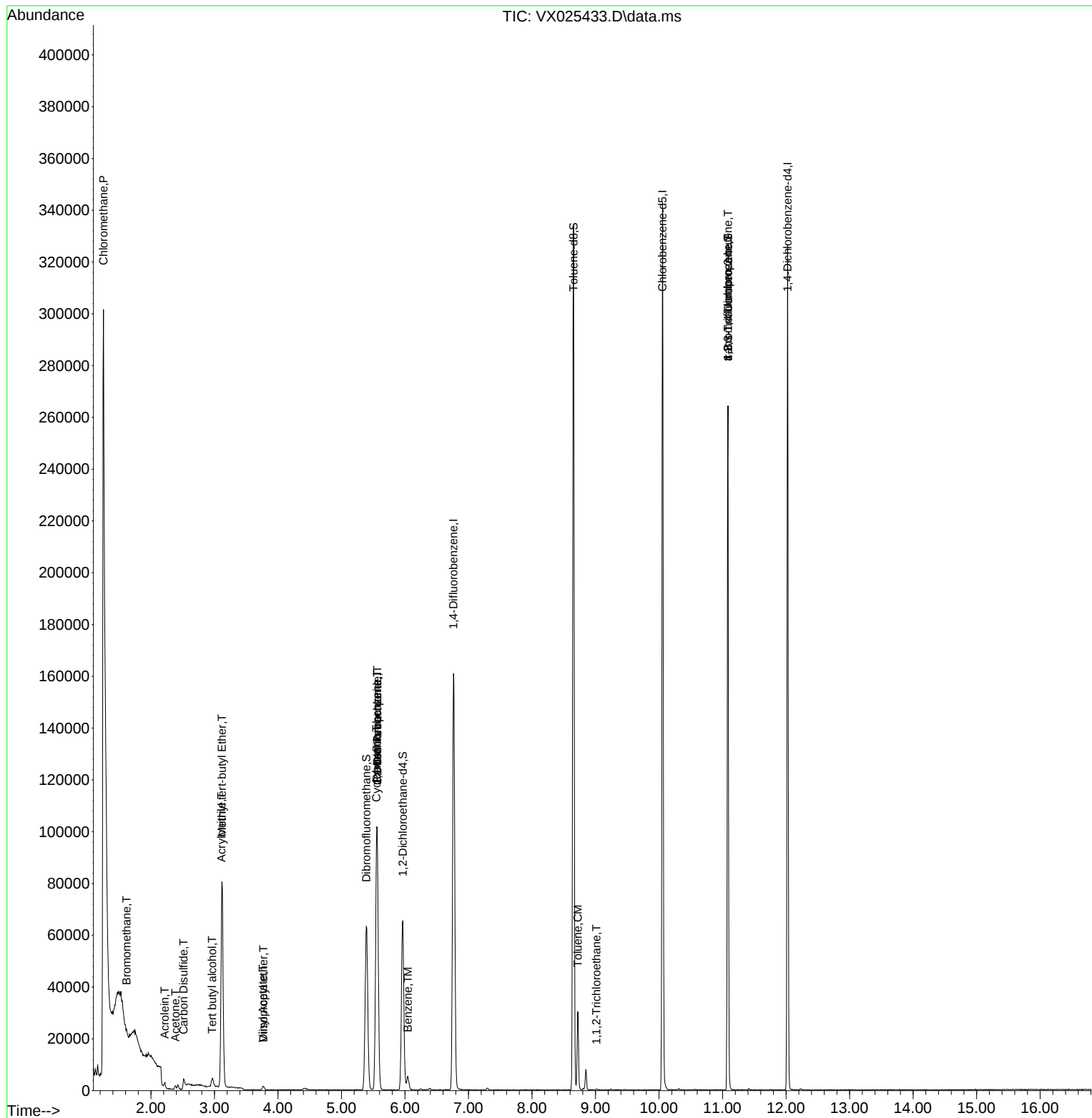
Internal Standards						
1) Pentafluorobenzene	5.556	168	104061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61352	55.934	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.860%
35) Dibromofluoromethane	5.391	113	54665	51.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	8.653	98	201755	50.121	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.240%
62) 4-Bromofluorobenzene	11.085	95	69106	45.380	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.760%
Target Compounds						
						Qvalue
3) Chloromethane	1.252	50	14689	13.152	ug/l #	42
5) Bromomethane	1.617	94	192	0.364	ug/l	98
11) Tert butyl alcohol	2.965	59	3660	4.717	ug/l #	72
13) Acrolein	2.215	56	19	0.378	ug/l #	1
15) Acrylonitrile	3.111	53	950	1.614	ug/l #	27
16) Acetone	2.386	43	1542	2.530	ug/l	95
17) Carbon Disulfide	2.514	76	6016	2.217	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	89969	26.772	ug/l	99
22) Diisopropyl ether	3.769	45	1418	0.427	ug/l #	81
23) Vinyl Acetate	3.763	43	725	0.272	ug/l #	72
31) Cyclohexane	5.550	56	2018	1.191	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	7218	4.741	ug/l #	50
38) Carbon Tetrachloride	5.562	117	9852	5.876	ug/l #	15
40) Benzene	6.043	78	6050	1.312	ug/l #	90
52) Toluene	8.720	92	11467	3.809	ug/l	97
55) 1,1,2-Trichloroethane	9.012	97	349	0.292	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	32916	23.635	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	32916	59.540	ug/l #	9
95) Naphthalene	13.780	128	109	Below Cal	#	69

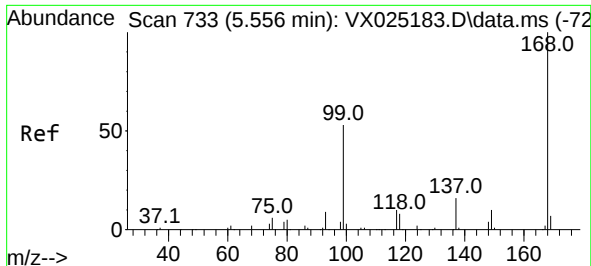
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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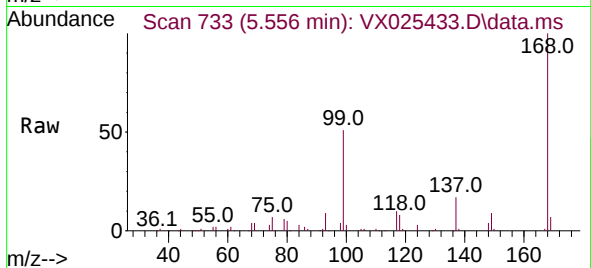
Quant Time: Dec 03 03:08:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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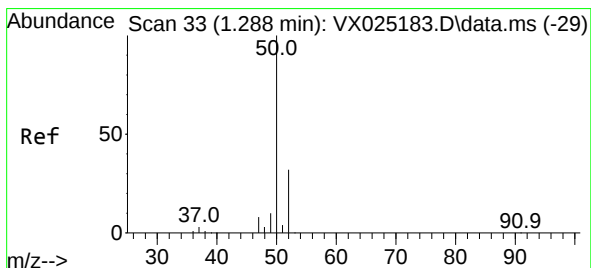
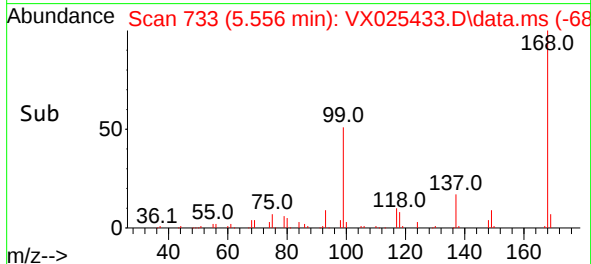
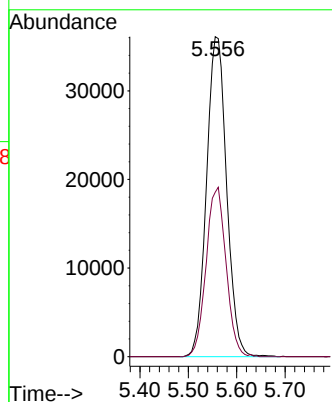


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :

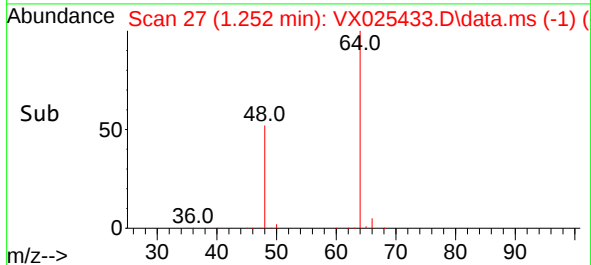
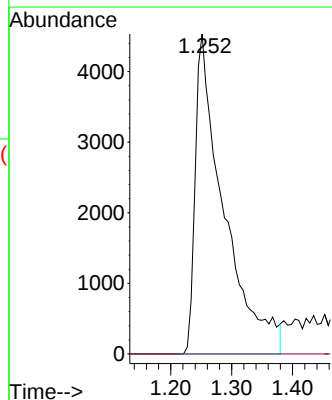
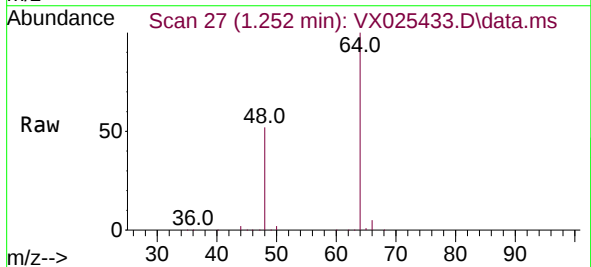


Tgt Ion:168 Resp: 104061
Ion Ratio Lower Upper
168 100
99 51.4 46.4 69.6



#3
Chloromethane
Concen: 13.152 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.036 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion: 50 Resp: 14689
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

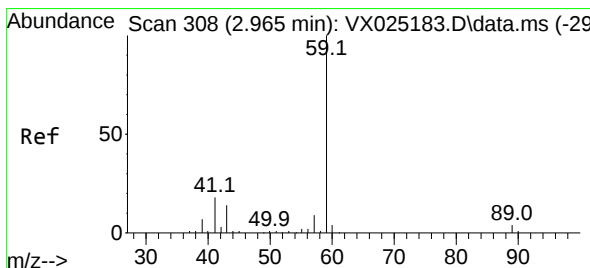
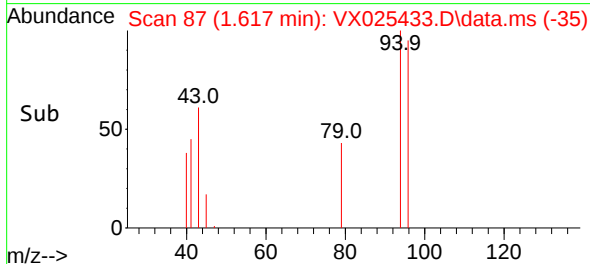
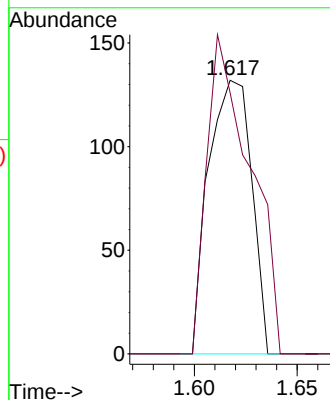
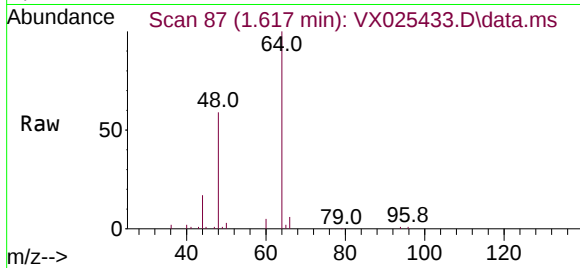




#5
Bromomethane
Concen: 0.364 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

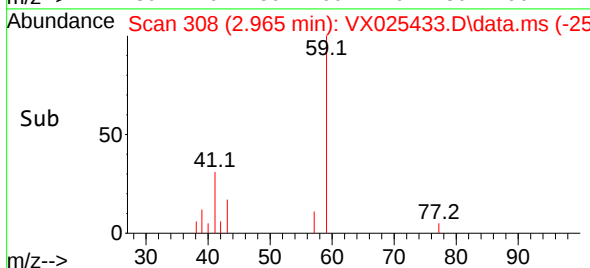
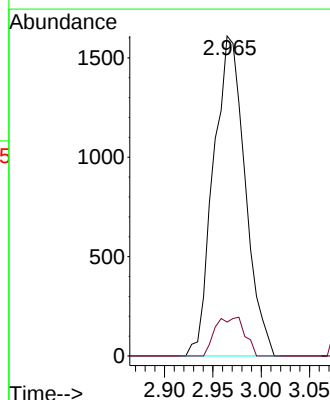
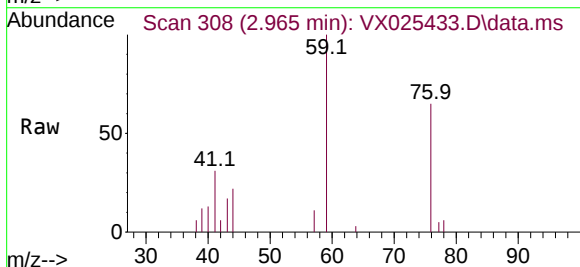
Instrument :
MSVOA_X
ClientSampleId :

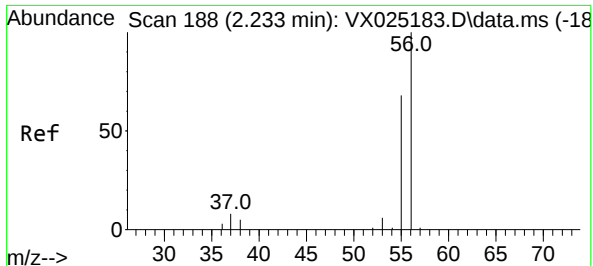
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 95.5 74.8 112.2



#11
Tert butyl alcohol
Concen: 4.717 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

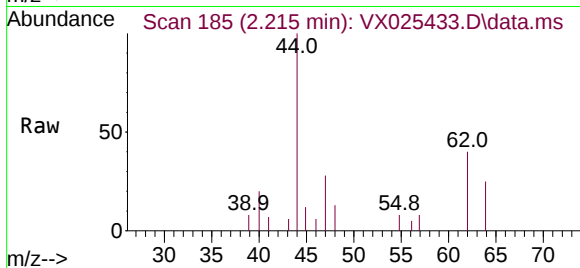
Tgt Ion: 59 Resp: 3660
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



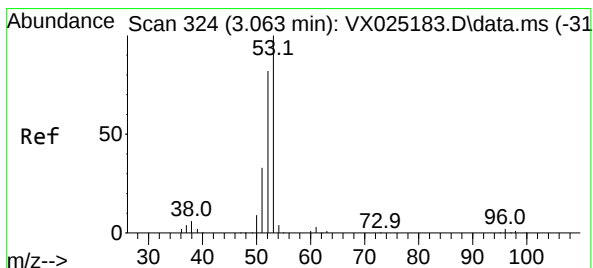
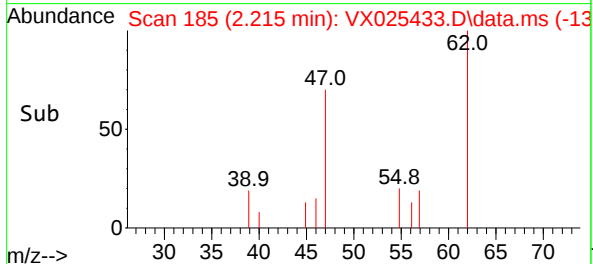
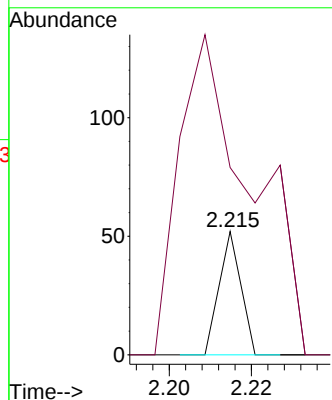


#13
Acrolein
Concen: 0.378 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :

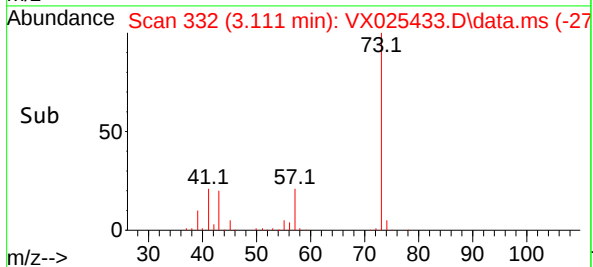
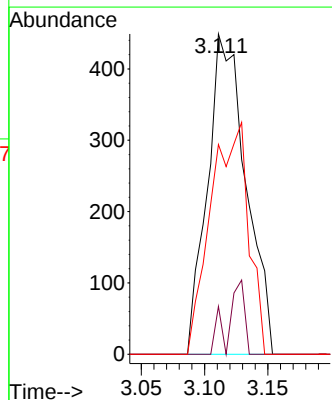
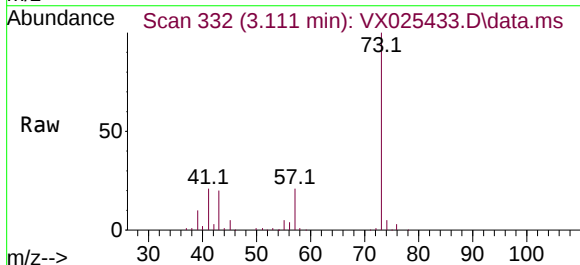


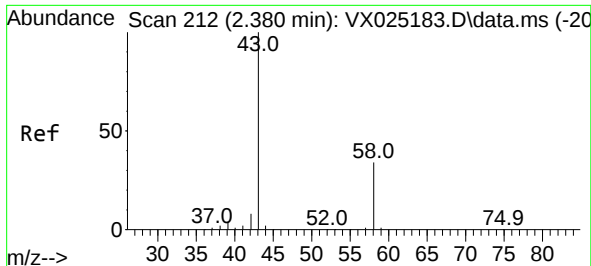
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 868.4 58.6 87.8#



#15
Acrylonitrile
Concen: 1.614 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.048 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion: 53 Resp: 950
Ion Ratio Lower Upper
53 100
52 9.9 66.2 99.4#
51 71.2 29.8 44.8#





#16

Acetone

Concen: 2.530 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX025433.D

Acq: 02 Dec 2021 17:06

Instrument :

MSVOA_X

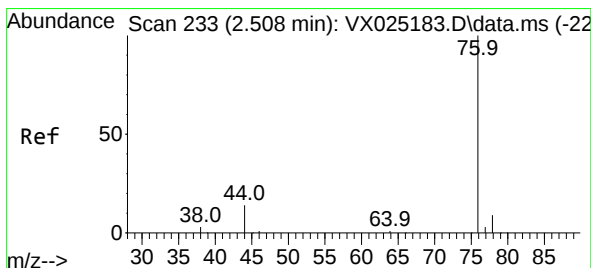
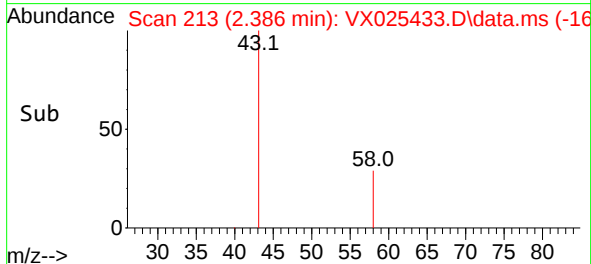
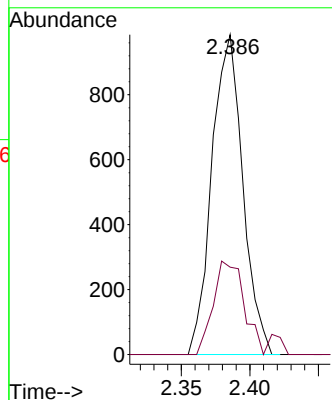
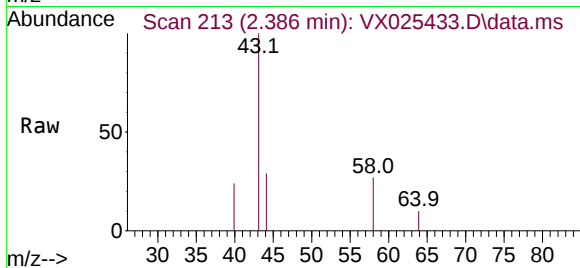
ClientSampleId :

Tgt Ion: 43 Resp: 1542

Ion Ratio Lower Upper

43 100

58 27.3 24.0 36.0



#17

Carbon Disulfide

Concen: 2.217 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX025433.D

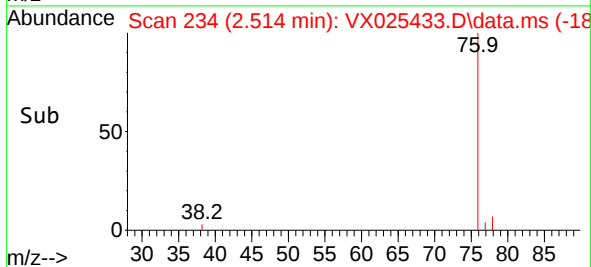
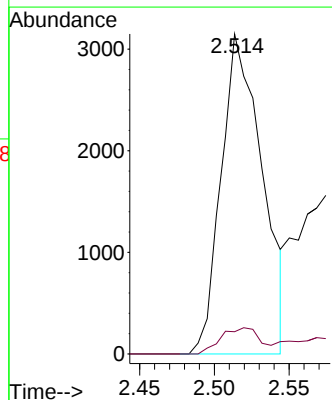
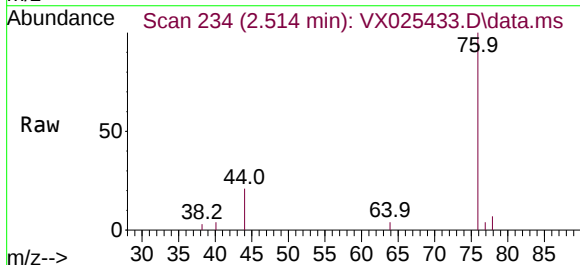
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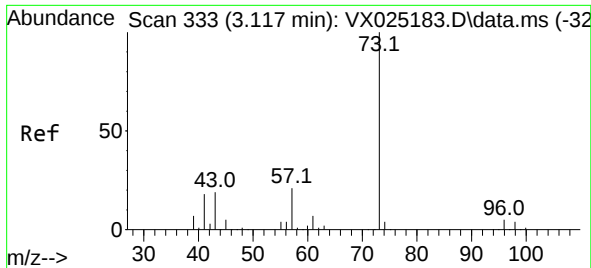
Tgt Ion: 76 Resp: 6016

Ion Ratio Lower Upper

76 100

78 7.0 6.9 10.3

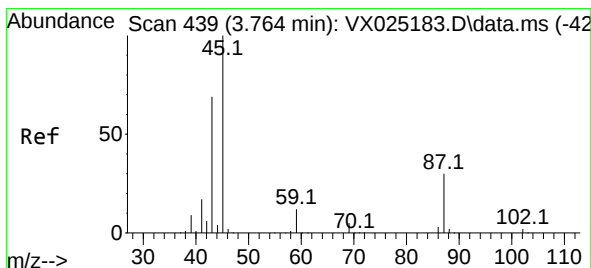
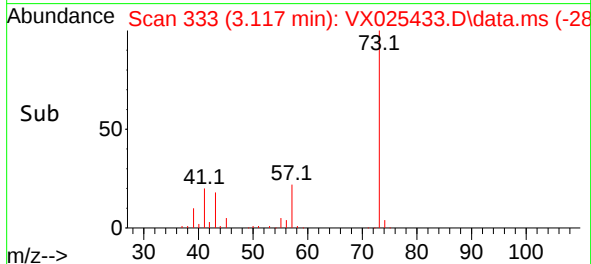
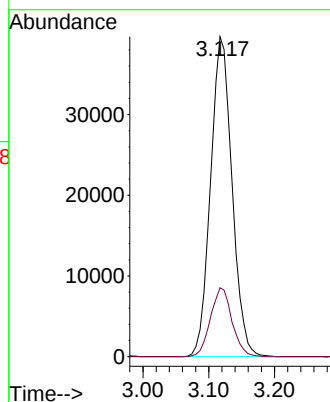
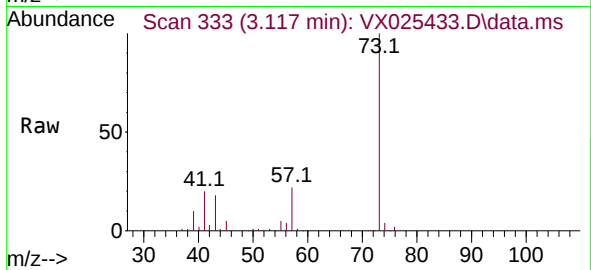




#19
Methyl tert-butyl Ether
Concen: 26.772 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

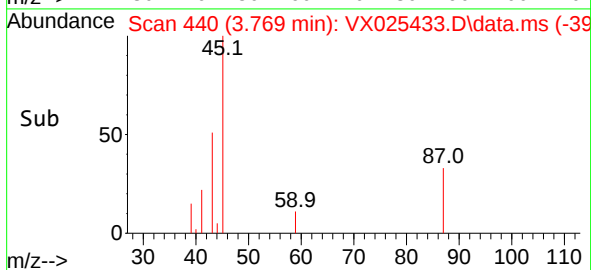
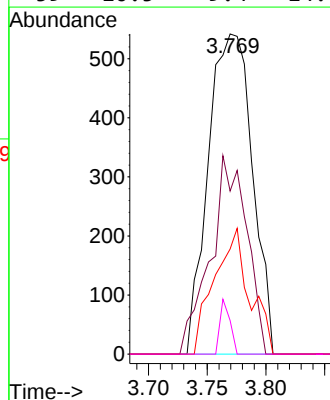
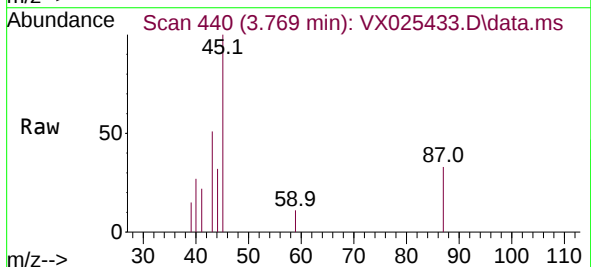
Instrument :
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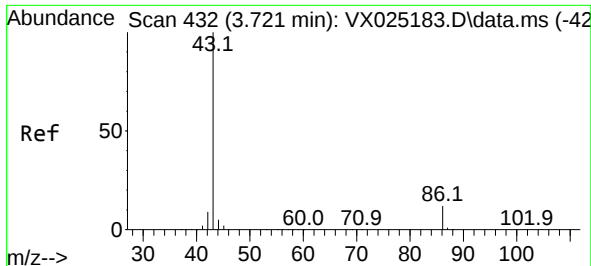
Tgt Ion: 73 Resp: 89969
Ion Ratio Lower Upper
73 100
57 21.5 17.5 26.3



#22
Diisopropyl ether
Concen: 0.427 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.005 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion: 45 Resp: 1418
Ion Ratio Lower Upper
45 100
43 50.9 58.3 87.5#
87 32.8 23.7 35.5
59 10.5 9.4 14.0

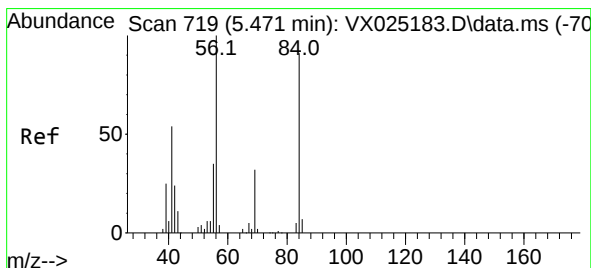
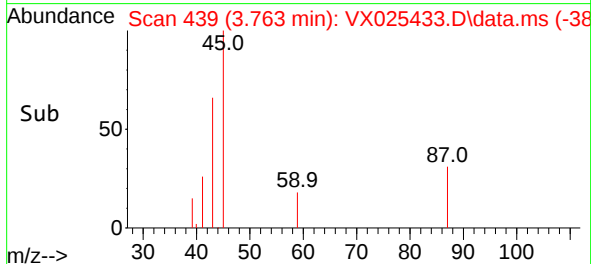
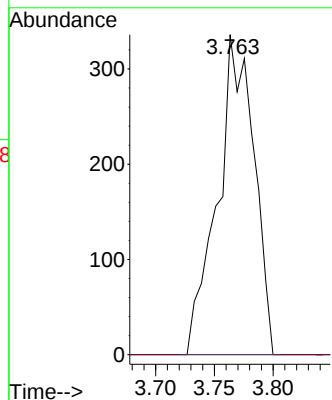
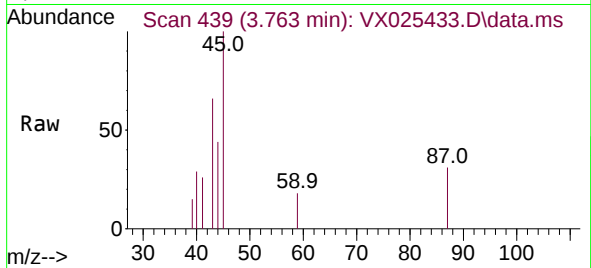




#23
 Vinyl Acetate
 Concen: 0.272 ug/l
 RT: 3.763 min Scan# 41
 Delta R.T. 0.042 min
 Lab File: VX025433.D
 Acq: 02 Dec 2021 17:06

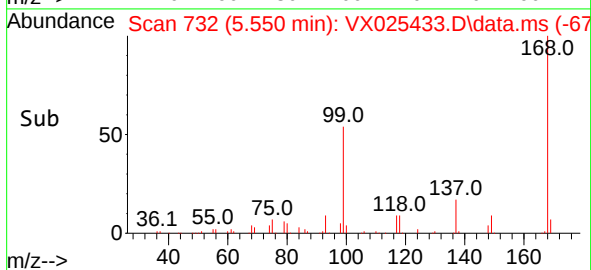
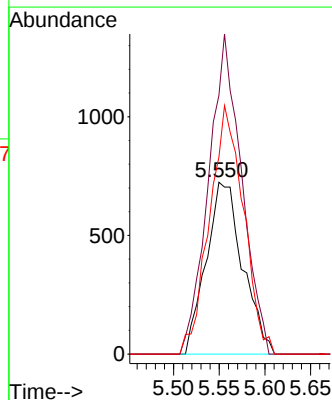
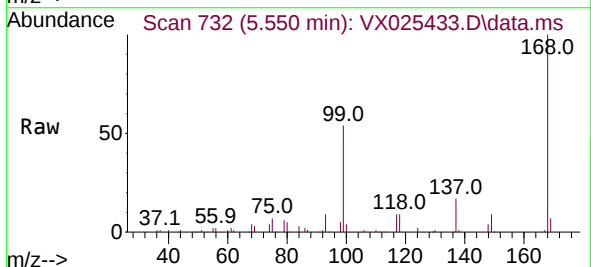
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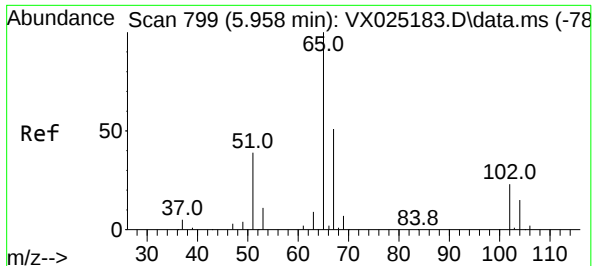
Tgt Ion: 43 Resp: 725
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#31
 Cyclohexane
 Concen: 1.191 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX025433.D
 Acq: 02 Dec 2021 17:06

Tgt Ion: 56 Resp: 2018
 Ion Ratio Lower Upper
 56 100
 69 150.6 24.2 36.2#
 84 114.6 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 55.934 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025433.D

Acq: 02 Dec 2021 17:06

Instrument :

MSVOA_X

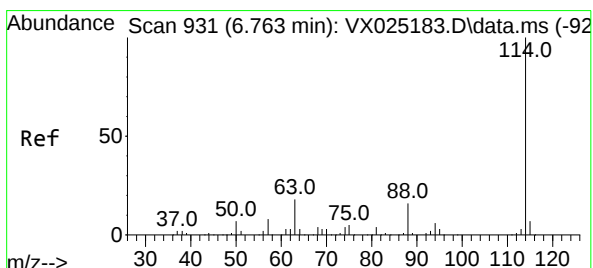
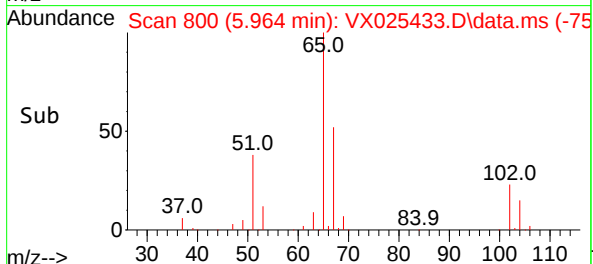
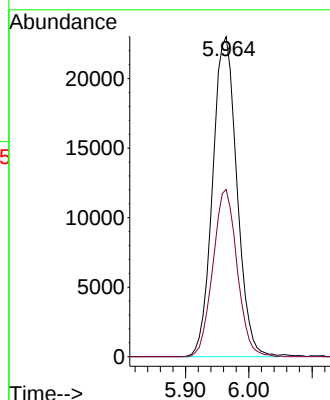
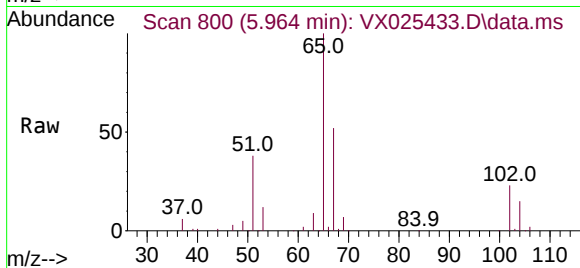
ClientSampleId :

Tgt Ion: 65 Resp: 61352

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025433.D

Acq: 02 Dec 2021 17:06

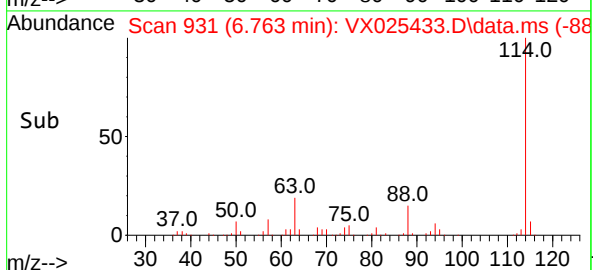
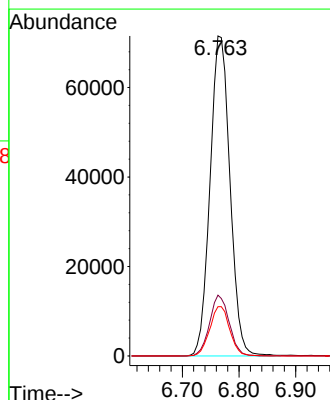
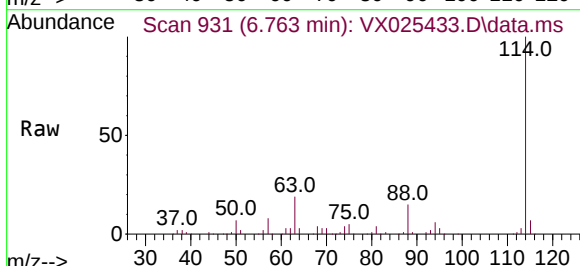
Tgt Ion: 114 Resp: 174490

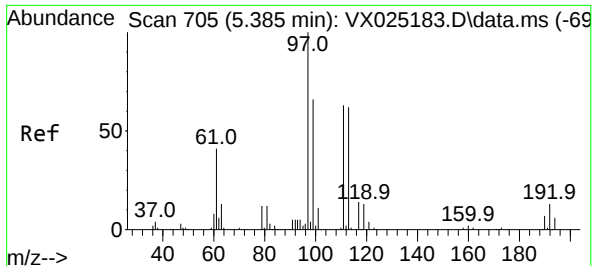
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.0

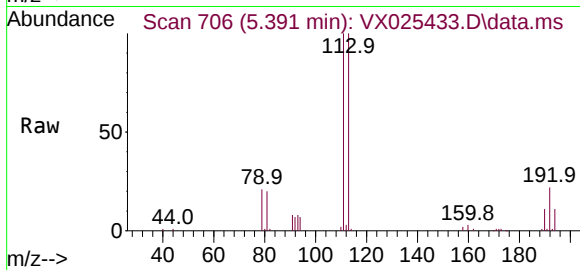
88 15.4 0.0 34.8



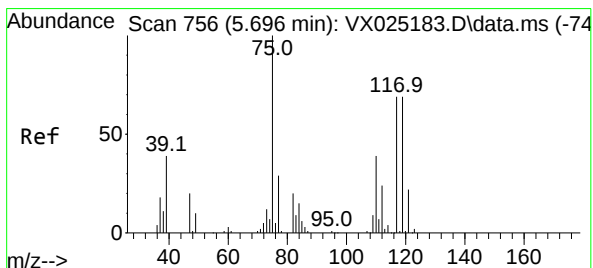
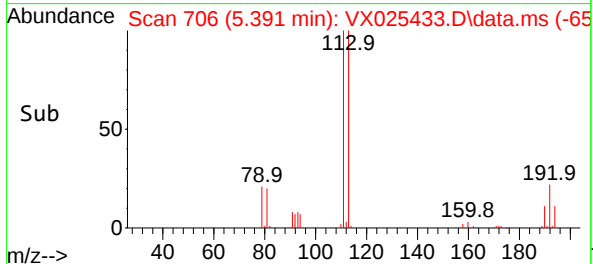
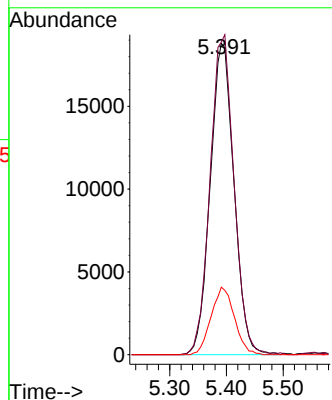


#35
Dibromofluoromethane
Concen: 51.060 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :

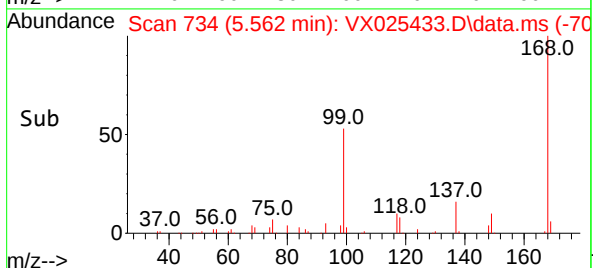
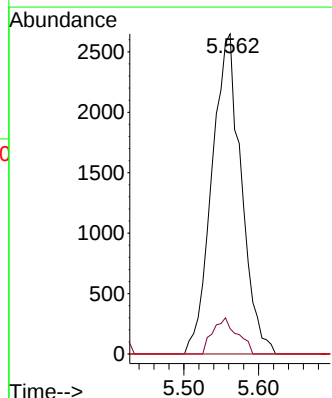
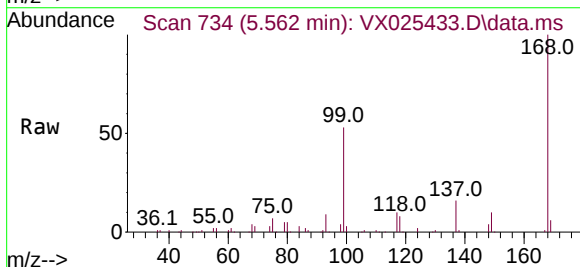


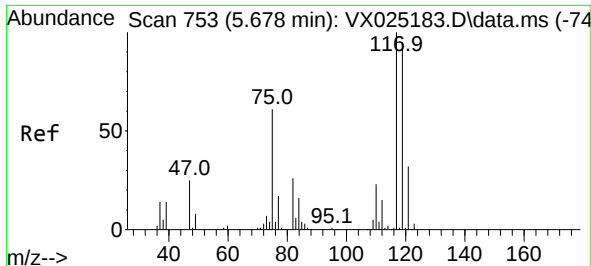
Tgt Ion:113 Resp: 54665
Ion Ratio Lower Upper
113 100
111 103.6 82.1 123.1
192 21.3 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.741 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

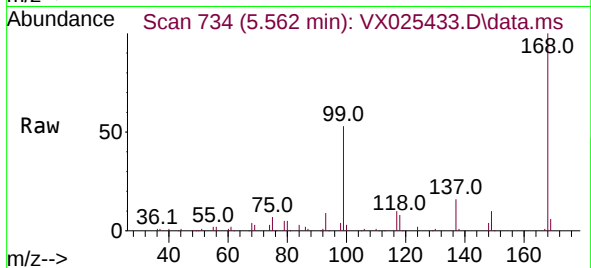
Tgt Ion: 75 Resp: 7218
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.3#
77 0.0 24.4 36.6#



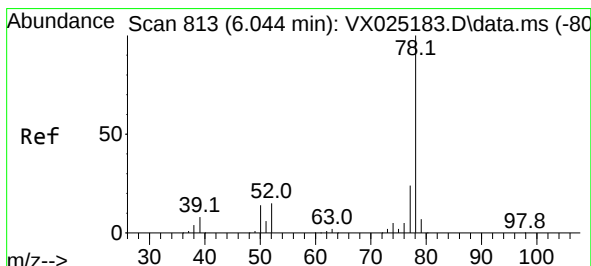
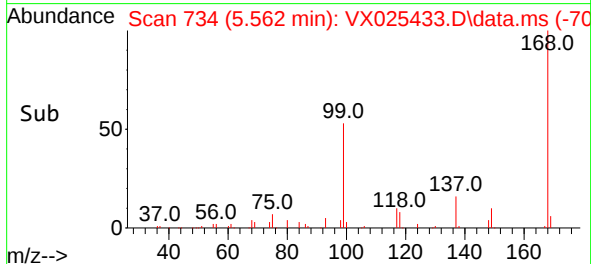
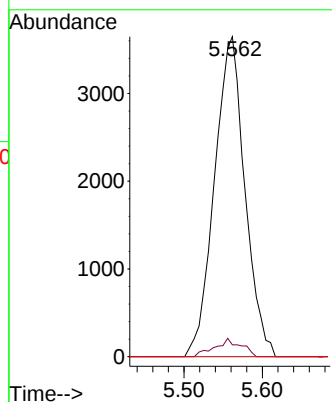


#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :

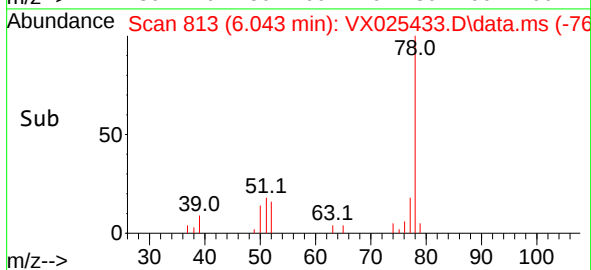
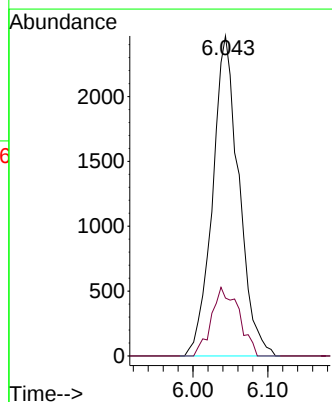
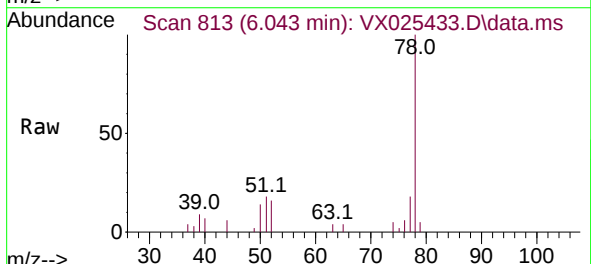


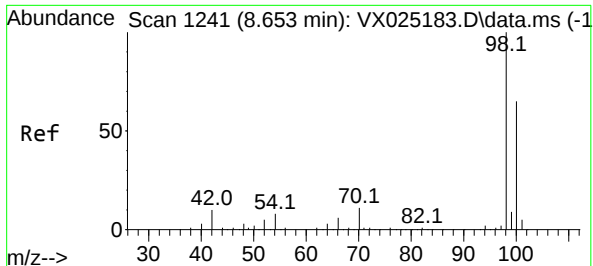
Tgt Ion:117 Resp: 9852
Ion Ratio Lower Upper
117 100
119 3.7 75.6 113.4#
121 0.0 23.7 35.5#



#40
Benzene
Concen: 1.312 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion: 78 Resp: 6050
Ion Ratio Lower Upper
78 100
77 18.1 18.3 27.5#

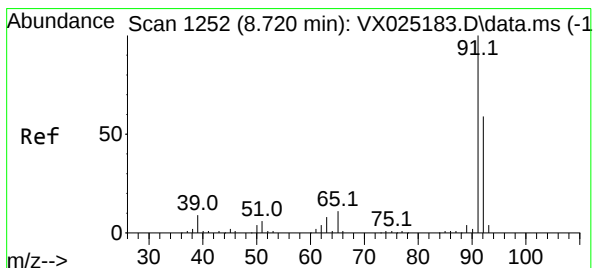
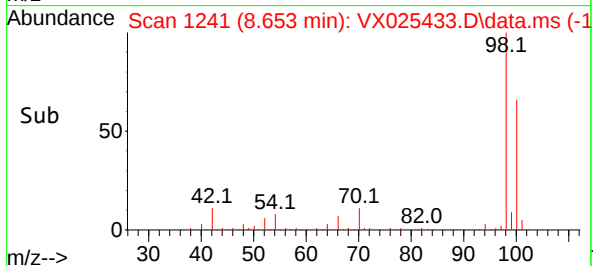
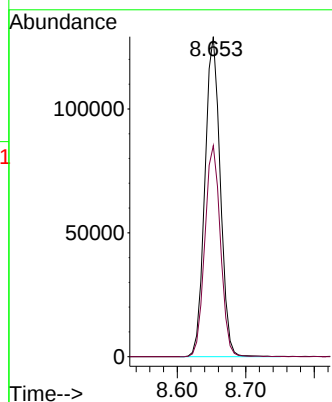
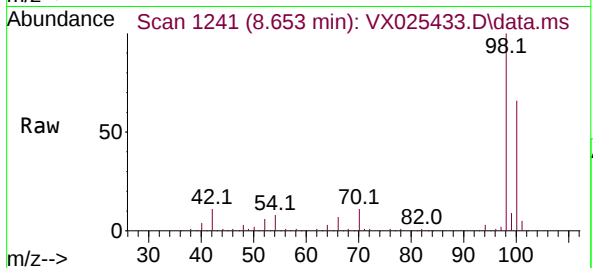




#50
Toluene-d8
Concen: 50.121 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

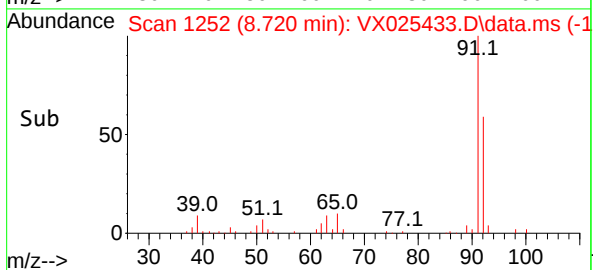
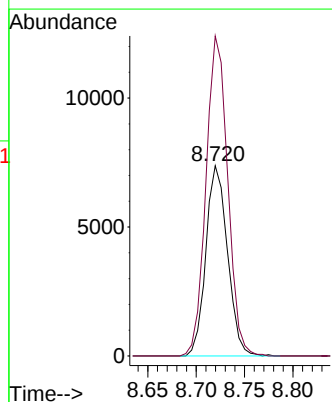
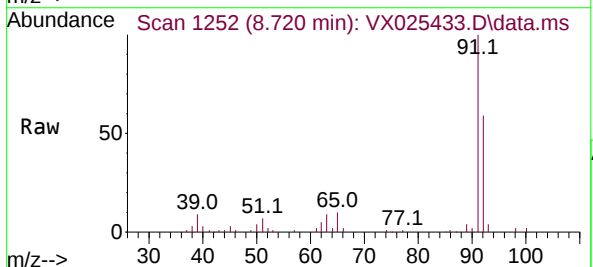
Instrument :
MSVOA_X
ClientSampleId :

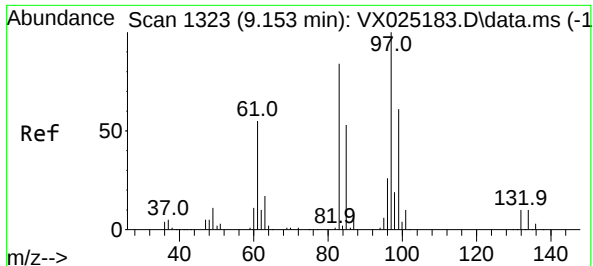
Tgt Ion: 98 Resp: 201755
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0



#52
Toluene
Concen: 3.809 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

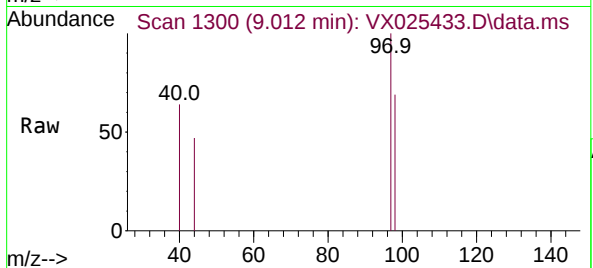
Tgt Ion: 92 Resp: 11467
Ion Ratio Lower Upper
92 100
91 168.9 138.6 208.0



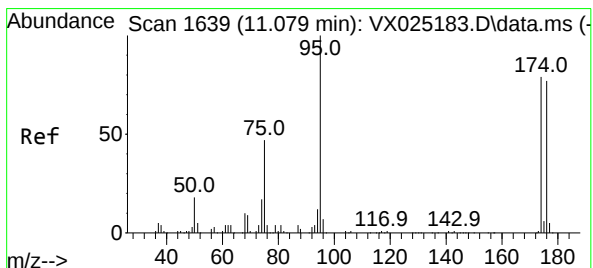
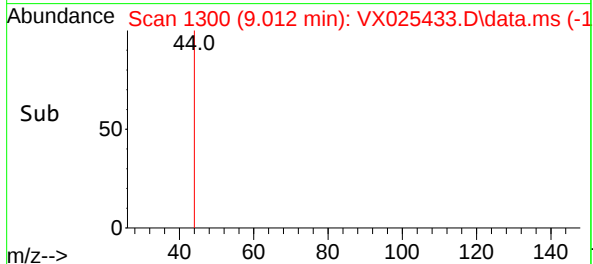
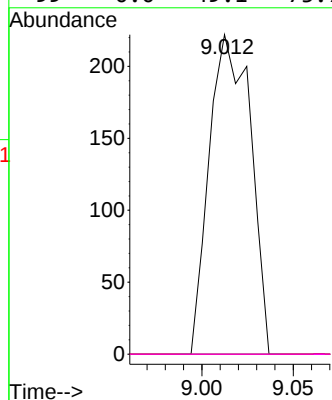


#55
1,1,2-Trichloroethane
Concen: 0.292 ug/l
RT: 9.012 min Scan# 11
Delta R.T. -0.141 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :

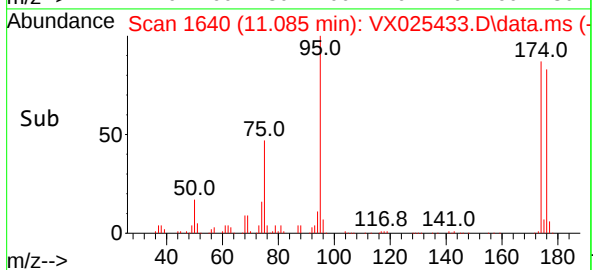
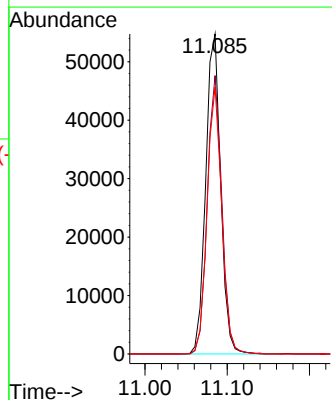
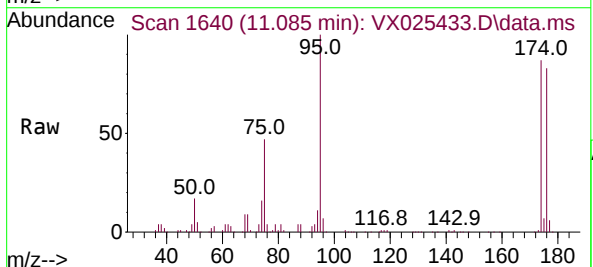


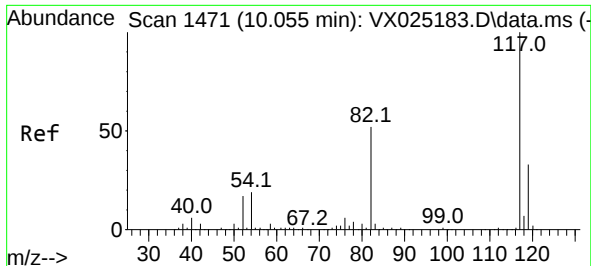
Tgt Ion: 97	Resp:	349
Ion	Ratio	Lower Upper
97	100	
83	0.0	69.2 103.8#
85	0.0	43.3 64.9#
99	0.0	49.1 73.7#



#62
4-Bromofluorobenzene
Concen: 45.380 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion: 95	Resp: 69106
Ion Ratio	Lower Upper
95 100	
174 84.9	0.0 158.0
176 81.8	0.0 153.6

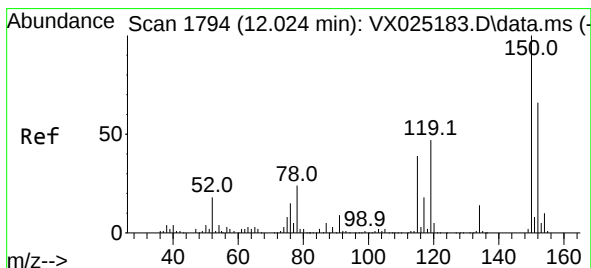
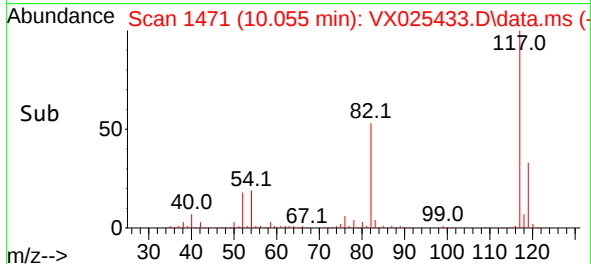
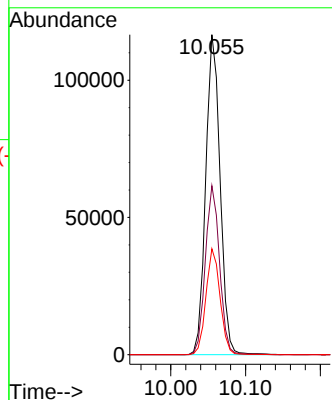
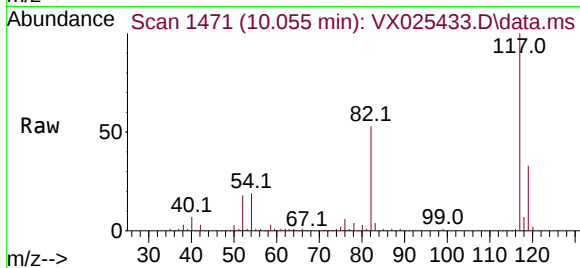




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

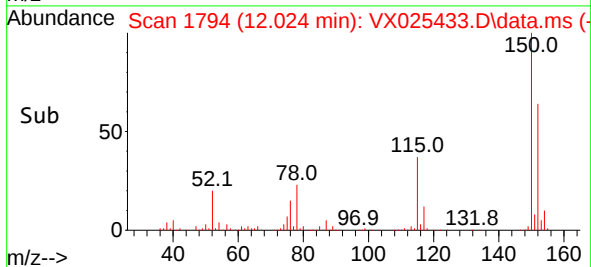
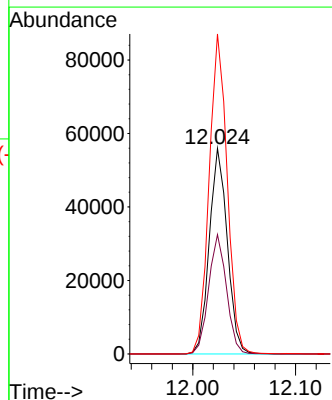
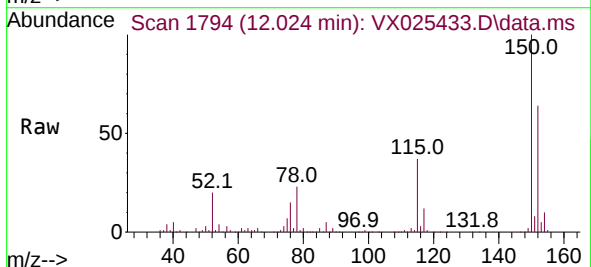
Instrument :
MSVOA_X
ClientSampleId :

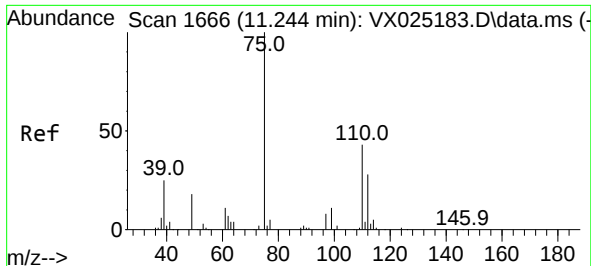
Tgt Ion:117 Resp: 155687
Ion Ratio Lower Upper
117 100
82 52.8 44.6 67.0
119 33.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion:152 Resp: 68009
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.8
150 156.2 0.0 351.2

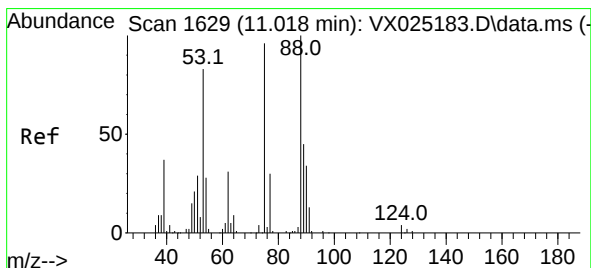
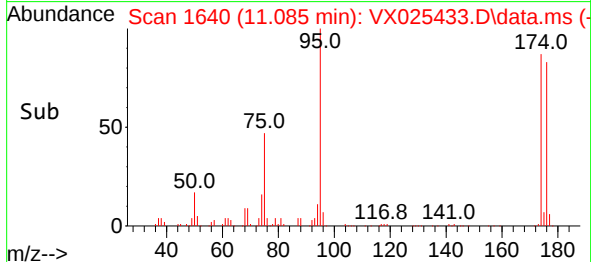
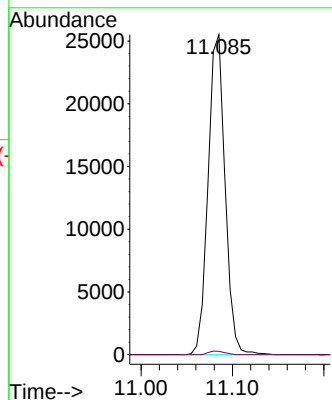
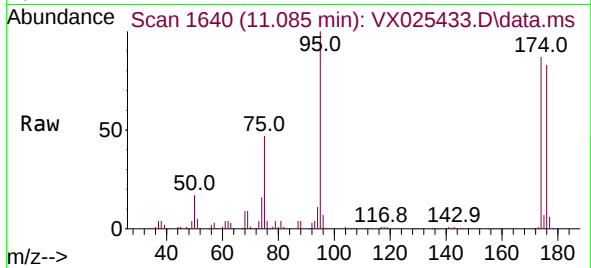




#76
1,2,3-Trichloropropane
Concen: 23.635 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

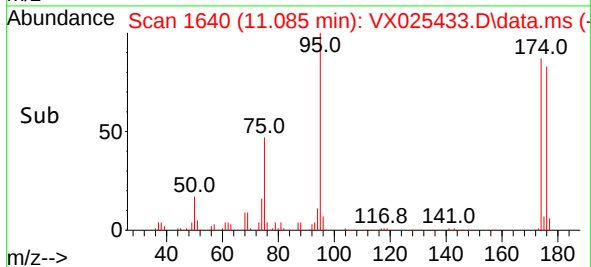
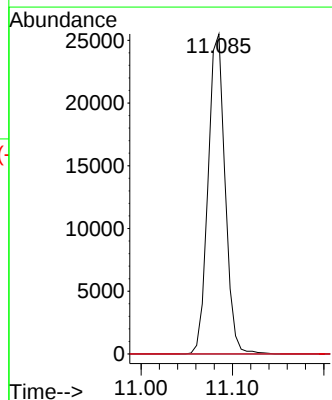
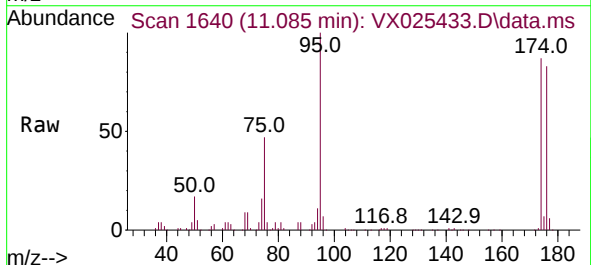
Instrument :
MSVOA_X
ClientSampleId :

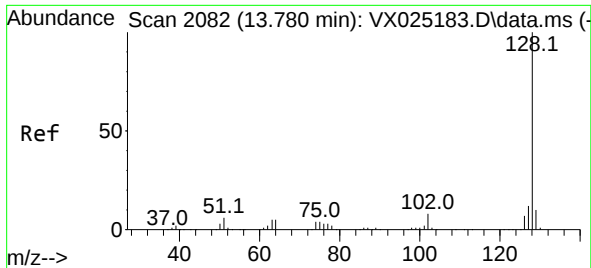
Tgt Ion: 75 Resp: 32916
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.540 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

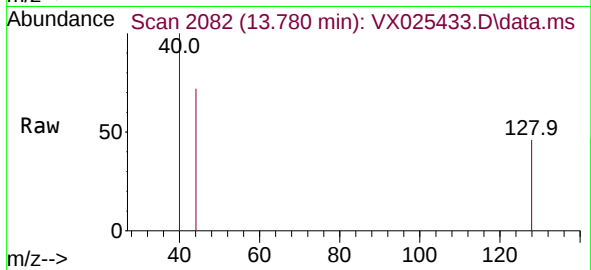
Tgt Ion: 75 Resp: 32916
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 109
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

