

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025300.D
 Acq On : 24 Nov 2021 01:34
 Operator : JC/MD
 Sample : M4758-15
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP8

Quant Time: Nov 24 03:18:31 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)

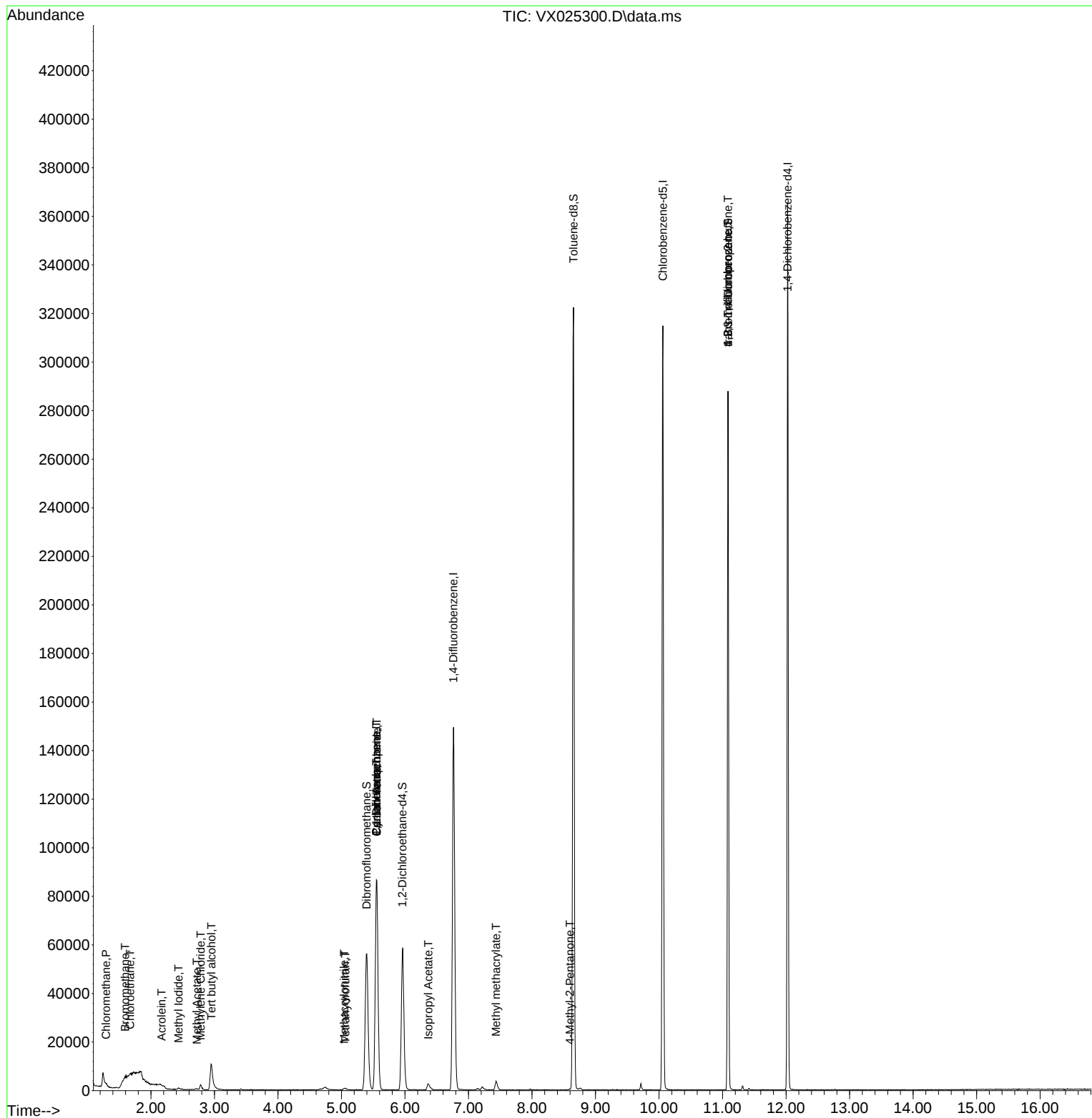
Internal Standards						
1) Pentafluorobenzene	5.550	168	95076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	163251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57255	57.131	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.260%
35) Dibromofluoromethane	5.397	113	54096	51.279	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.560%
50) Toluene-d8	8.653	98	202986	51.176	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.360%
62) 4-Bromofluorobenzene	11.085	95	76464	50.958	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	242	0.237	ug/l	91
5) Bromomethane	1.593	94	346	0.718	ug/l #	74
6) Chloroethane	1.672	64	242	0.313	ug/l #	43
10) Methyl Iodide	2.434	142	458	0.414	ug/l #	93
11) Tert butyl alcohol	2.953	59	8264	25.300	ug/l #	73
13) Acrolein	2.166	56	28	0.610	ug/l #	13
18) Methyl Acetate	2.721	43	483	0.271	ug/l #	52
20) Methylene Chloride	2.782	84	1150	1.099	ug/l	92
29) Tetrahydrofuran	5.062	42	649	1.302	ug/l #	48
31) Cyclohexane	5.550	56	1719	1.110	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6197	4.131	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8849	5.356	ug/l #	17
41) Methacrylonitrile	5.044	41	243	0.257	ug/l #	49
43) Isopropyl Acetate	6.367	43	1556	0.548	ug/l #	61
48) Methyl methacrylate	7.433	41	1286	0.965	ug/l #	40
51) 4-Methyl-2-Pentanone	8.598	43	494	0.277	ug/l #	69
76) 1,2,3-Trichloropropane	11.085	75	36850	23.191	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	36850	58.423	ug/l #	9
95) Naphthalene	13.780	128	124	Below Cal	#	69

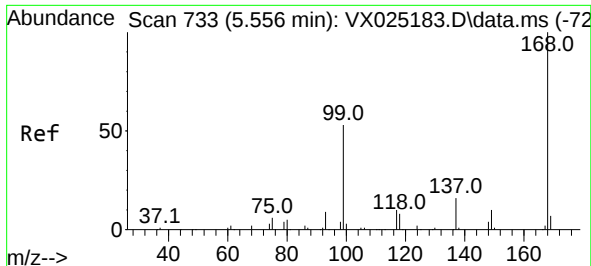
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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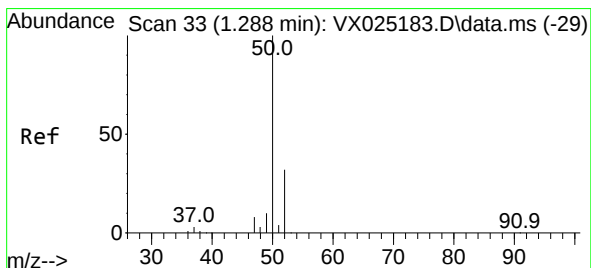
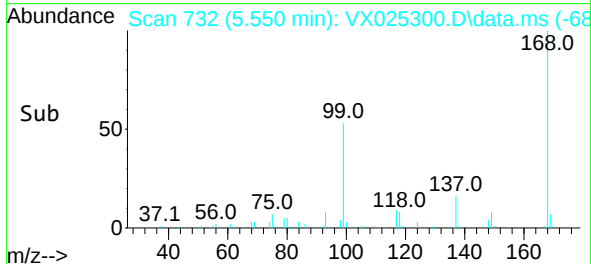
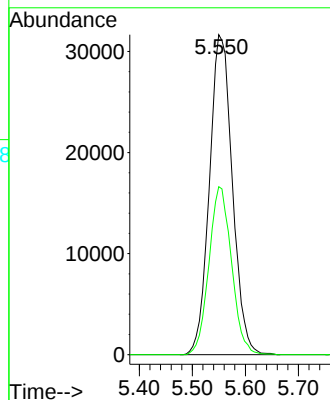
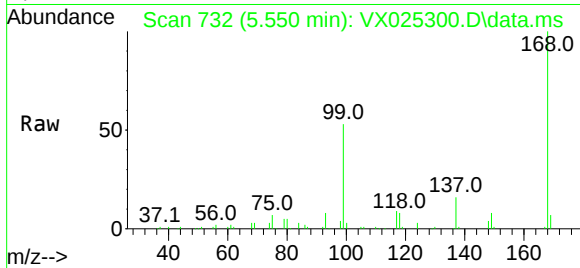




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

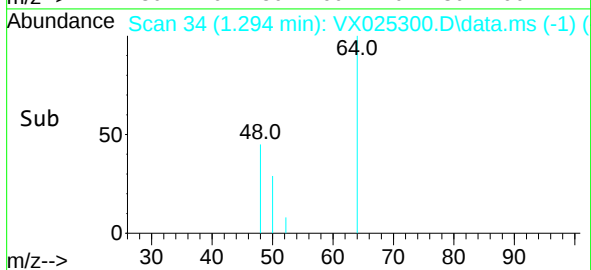
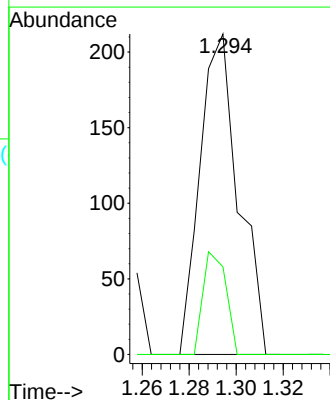
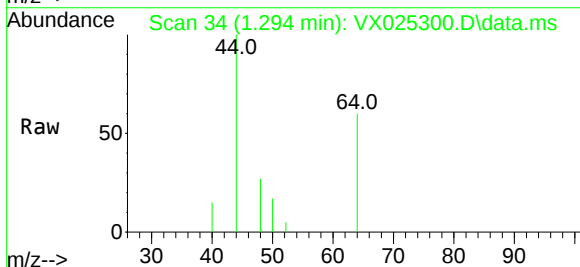
Instrument :
MSVOA_X
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TP8

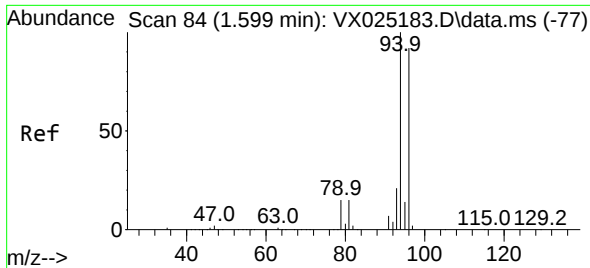
Tgt Ion:168 Resp: 95076
Ion Ratio Lower Upper
168 100
99 52.5 46.4 69.6



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

Tgt Ion: 50 Resp: 242
Ion Ratio Lower Upper
50 100
52 27.4 25.9 38.9

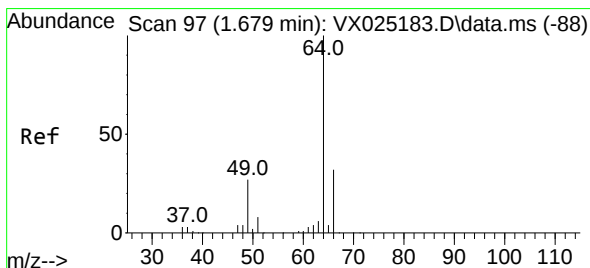
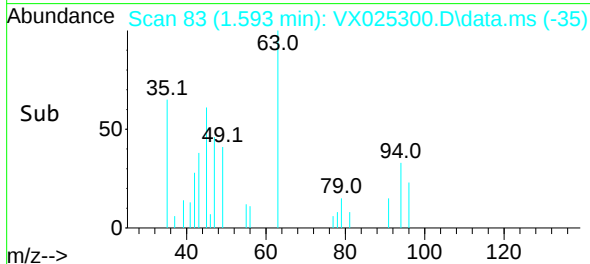
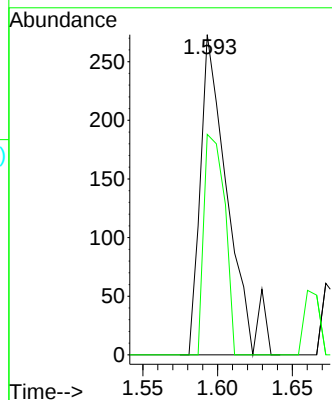
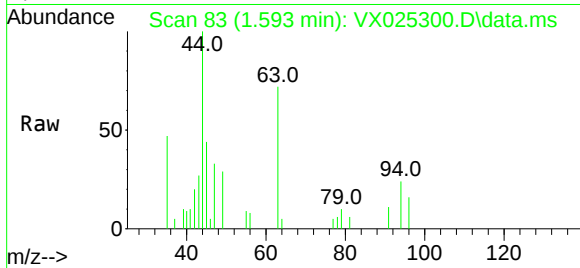




#5
Bromomethane
Concen: 0.718 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

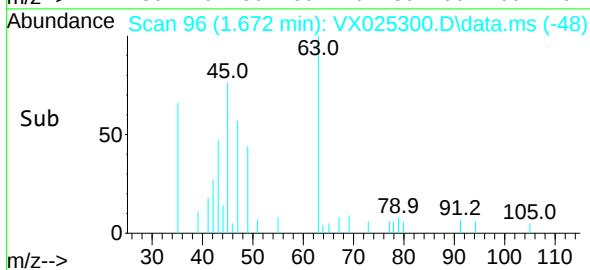
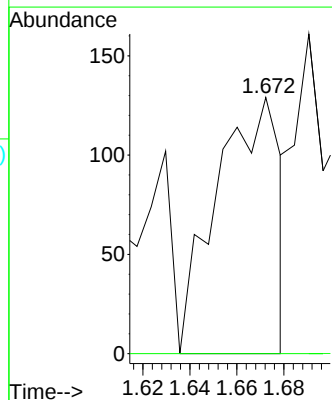
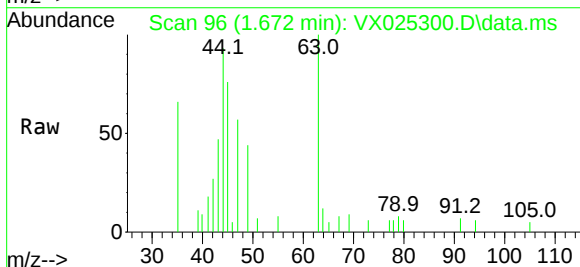
Instrument :
MSVOA_X
ClientSampleId :
TP8

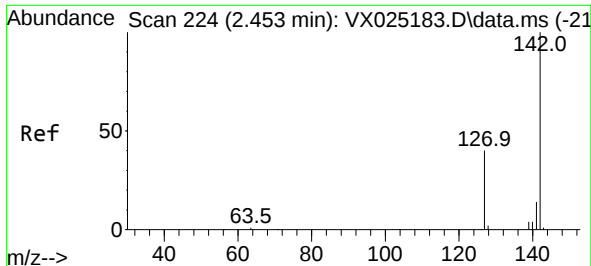
Tgt Ion: 94 Resp: 346
Ion Ratio Lower Upper
94 100
96 68.9 74.8 112.2#



#6
Chloroethane
Concen: 0.313 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

Tgt Ion: 64 Resp: 242
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#

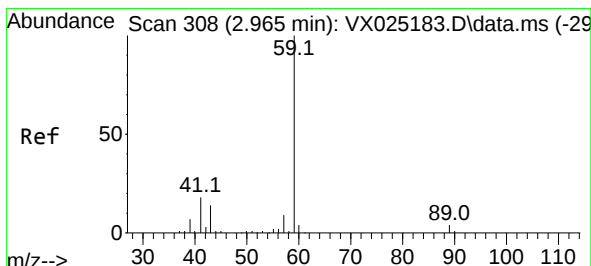
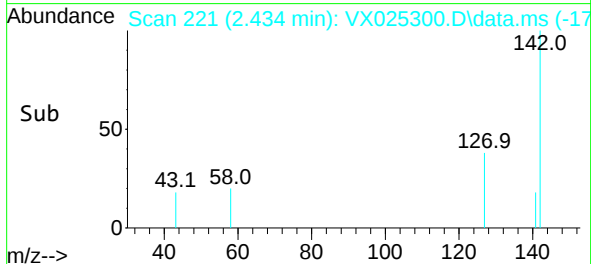
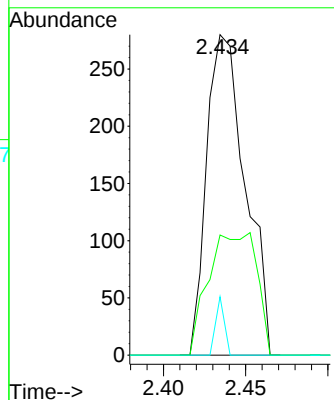
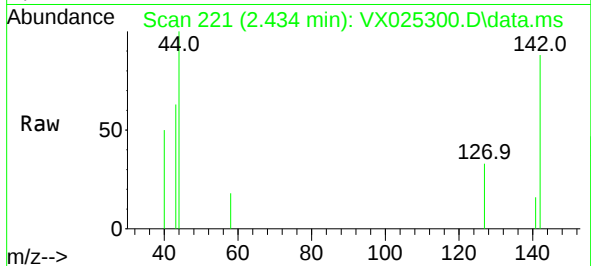




#10
Methyl Iodide
Concen: 0.414 ug/l
RT: 2.434 min Scan# 21
Delta R.T. -0.019 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

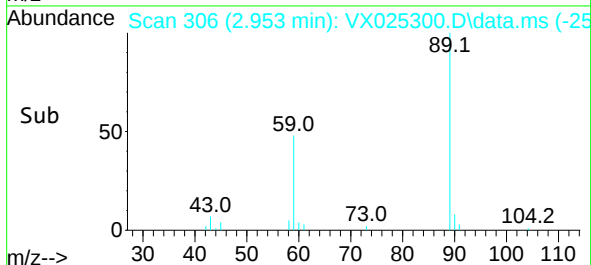
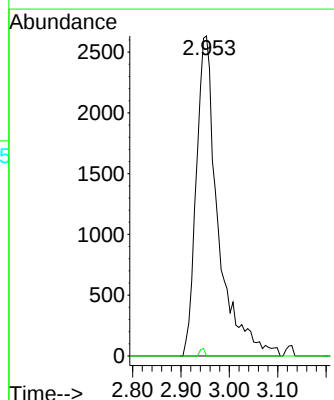
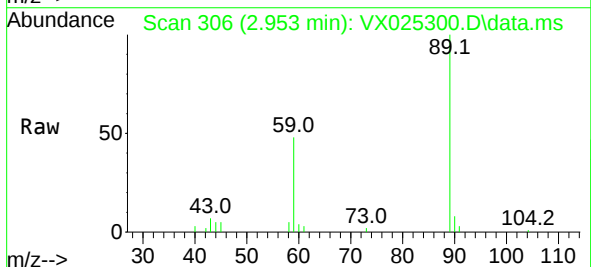
Instrument :
MSVOA_X
ClientSampleId :
TP8

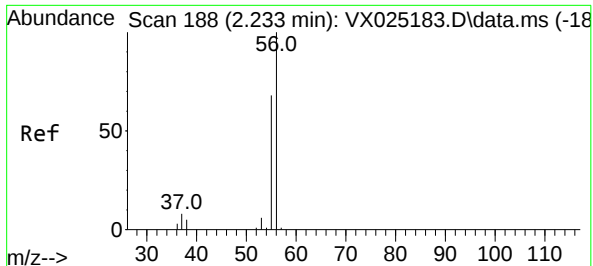
Tgt Ion:142 Resp: 458
Ion Ratio Lower Upper
142 100
127 47.4 38.9 58.3
141 4.1 11.7 17.5#



#11
Tert butyl alcohol
Concen: 25.300 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

Tgt Ion: 59 Resp: 8264
Ion Ratio Lower Upper
59 100
57 0.5 8.5 12.7#





#13

Acrolein

Concen: 0.610 ug/l

RT: 2.166 min Scan# 11

Delta R.T. -0.067 min

Lab File: VX025300.D

Acq: 24 Nov 2021 01:34

Instrument :

MSVOA_X

ClientSampleId :

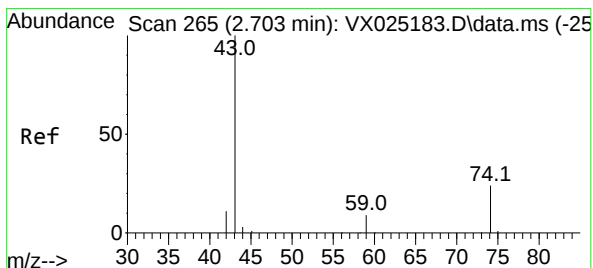
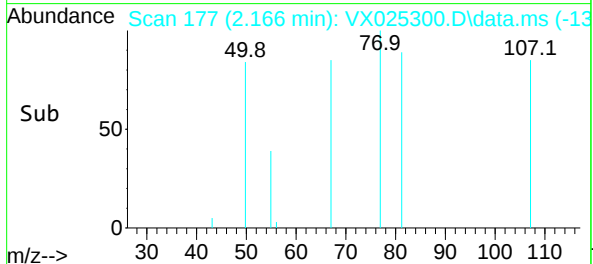
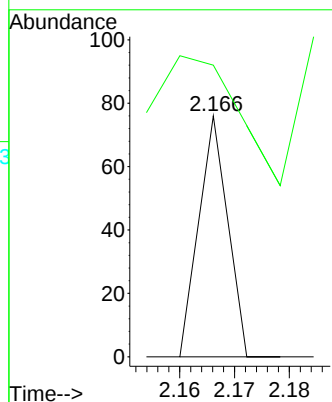
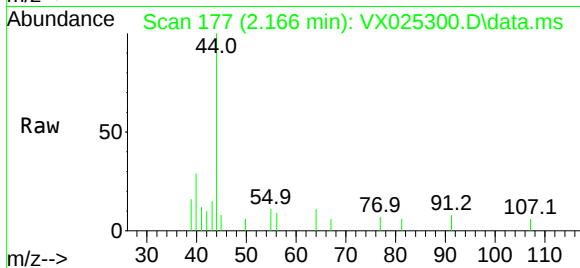
TP8

Tgt Ion: 56 Resp: 28

Ion Ratio Lower Upper

56 100

55 0.0 58.6 87.8#



#18

Methyl Acetate

Concen: 0.271 ug/l

RT: 2.721 min Scan# 268

Delta R.T. 0.018 min

Lab File: VX025300.D

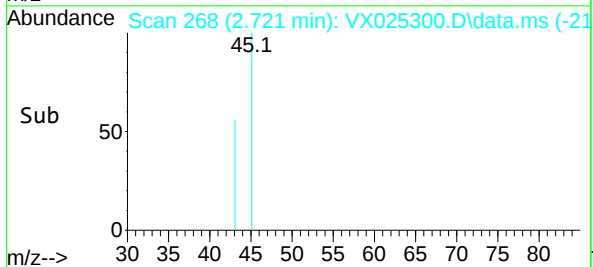
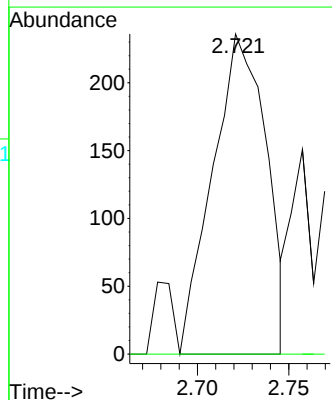
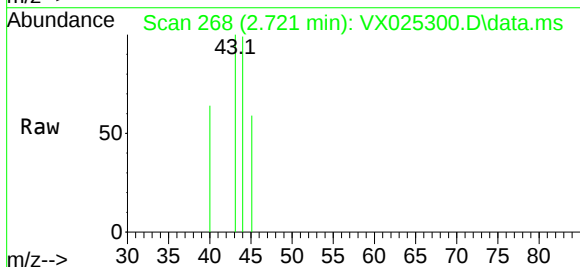
Acq: 24 Nov 2021 01:34

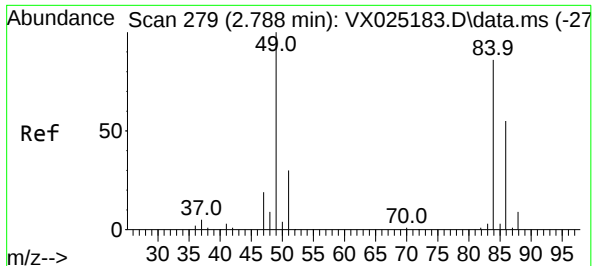
Tgt Ion: 43 Resp: 483

Ion Ratio Lower Upper

43 100

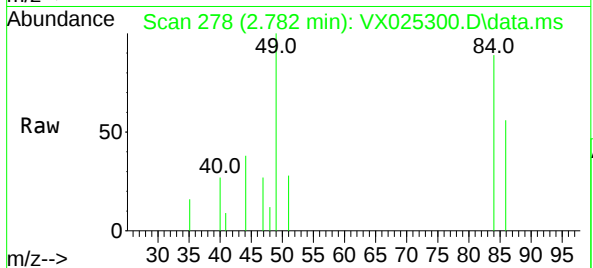
74 0.0 19.0 28.6#



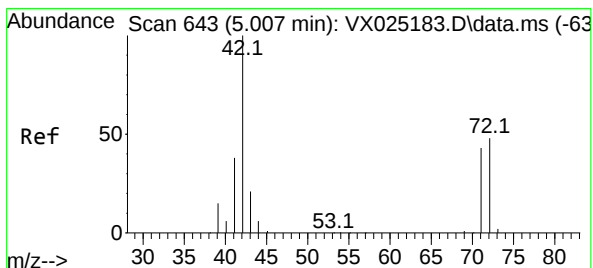
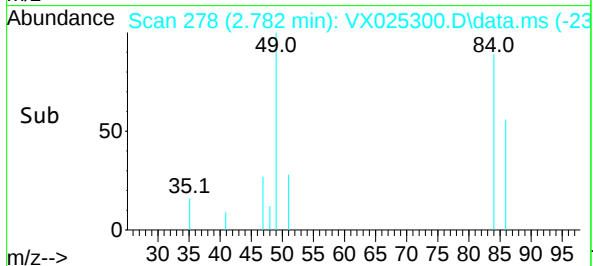
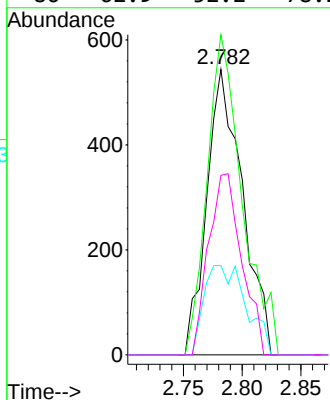


#20
Methylene Chloride
Concen: 1.099 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

Instrument :
MSVOA_X
ClientSampleId :
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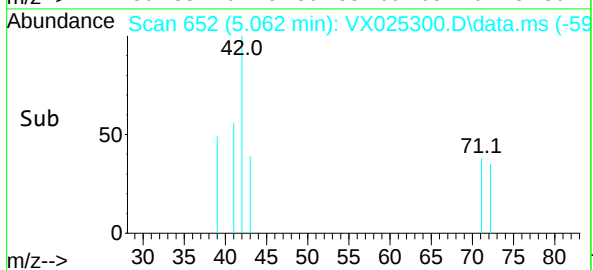
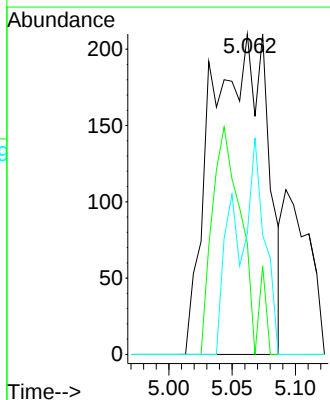
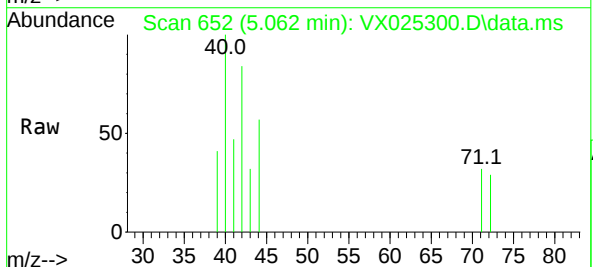


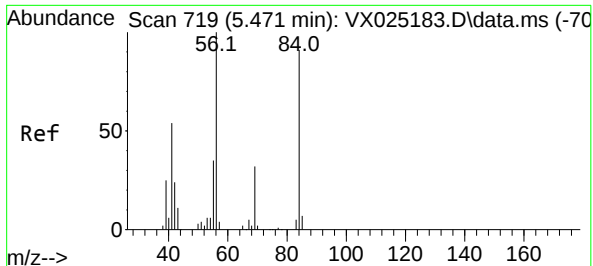
Tgt Ion:	84	Resp:	1150
Ion	Ratio	Lower	Upper
84	100		
49	112.1	98.2	147.2
51	31.2	30.2	45.4
86	62.9	52.2	78.2



#29
Tetrahydrofuran
Concen: 1.302 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.055 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

Tgt Ion:	42	Resp:	649
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.1	54.1#
71	20.3	33.7	50.5#

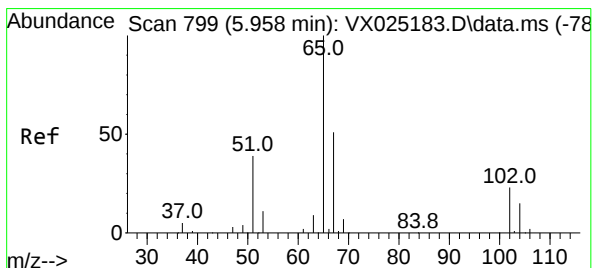
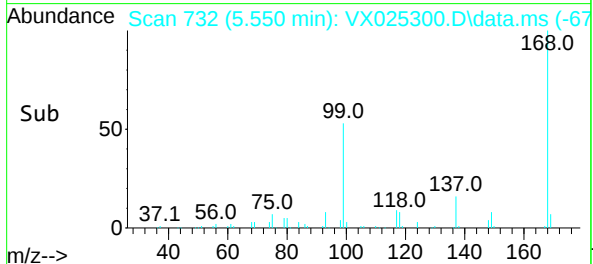
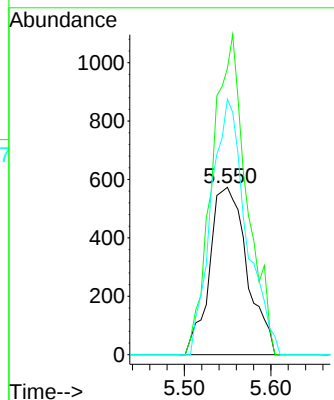
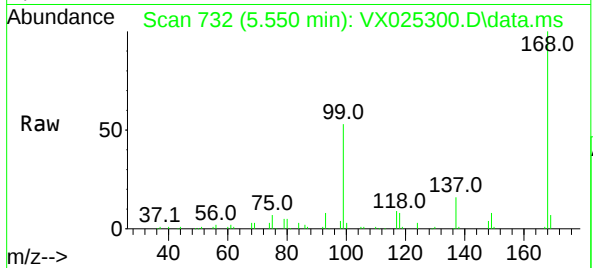




#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

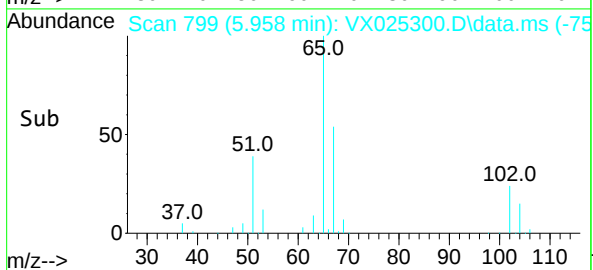
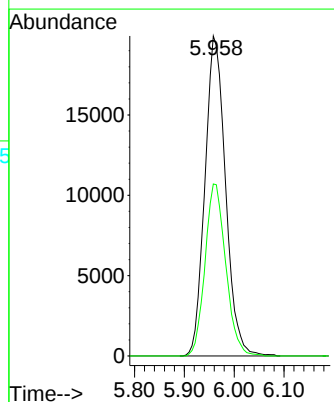
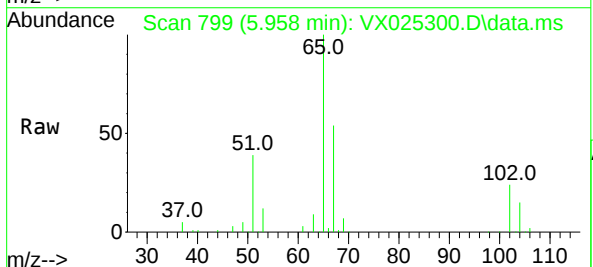
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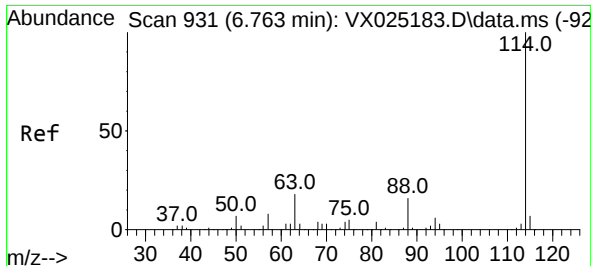
Tgt Ion: 56 Resp: 1719
Ion Ratio Lower Upper
56 100
69 171.0 24.2 36.2#
84 152.7 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 57.131 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

Tgt Ion: 65 Resp: 57255
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.0

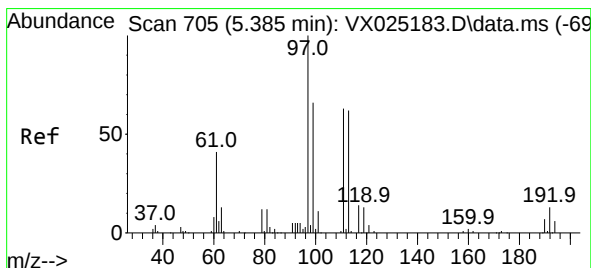
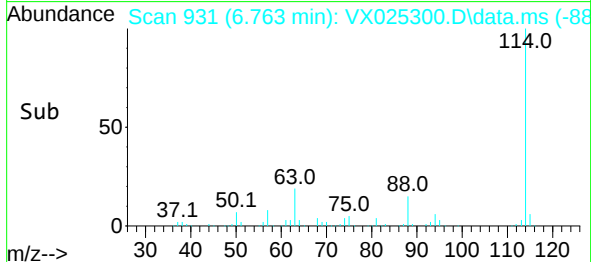
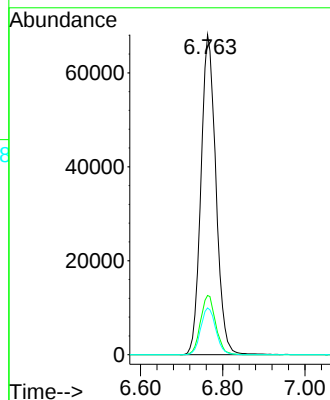
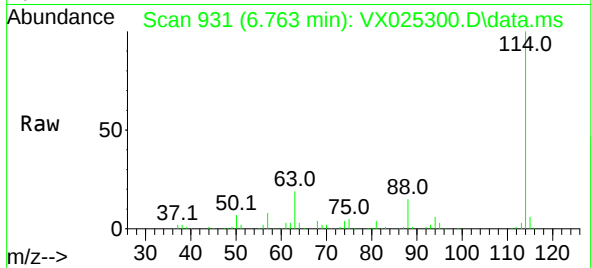




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

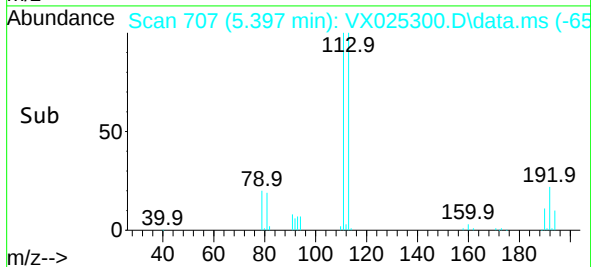
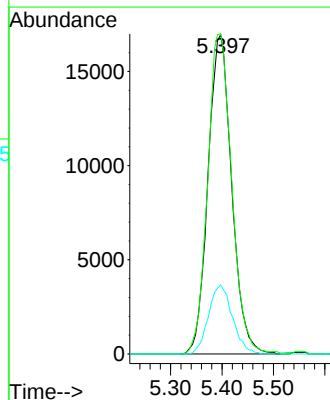
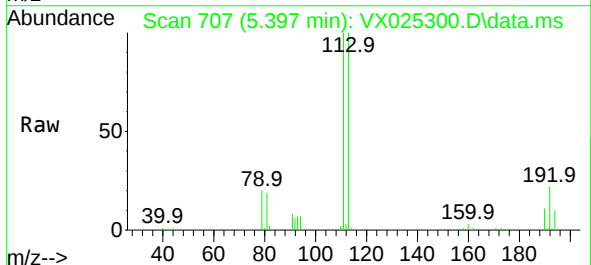
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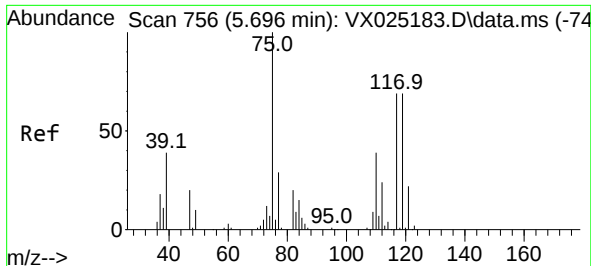
Tgt Ion:114 Resp: 171935
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.0
88 14.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.279 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

Tgt Ion:113 Resp: 54096
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 21.8 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.131 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX025300.D

Acq: 24 Nov 2021 01:34

Instrument :

MSVOA_X

ClientSampleId :

TP8

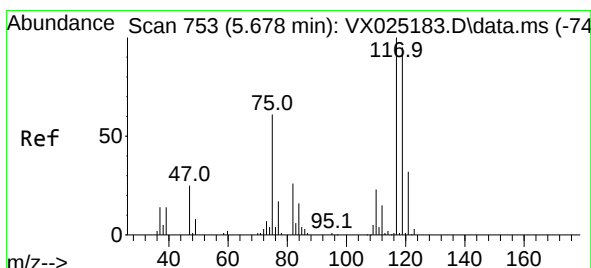
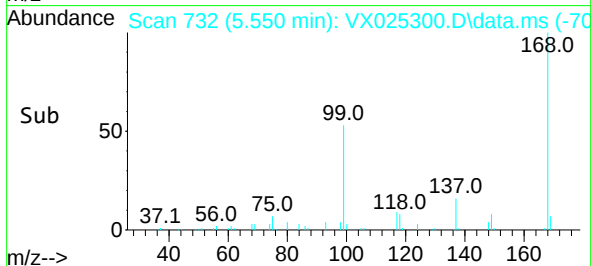
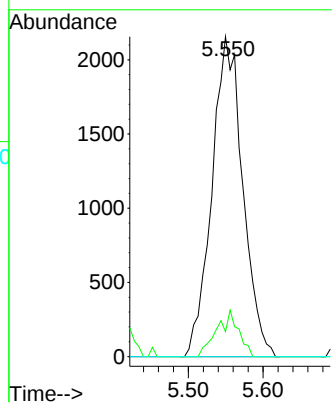
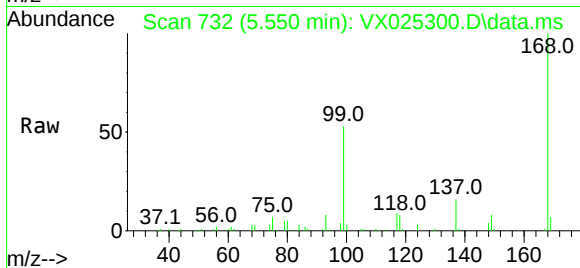
Tgt Ion: 75 Resp: 6197

Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.356 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025300.D

Acq: 24 Nov 2021 01:34

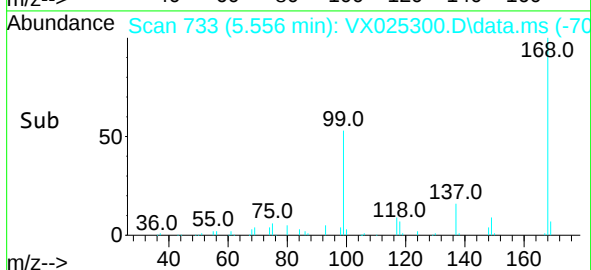
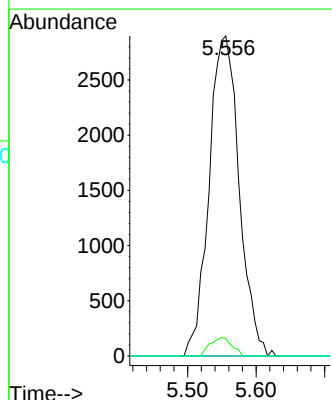
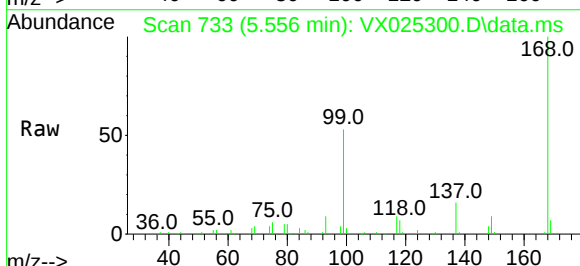
Tgt Ion: 117 Resp: 8849

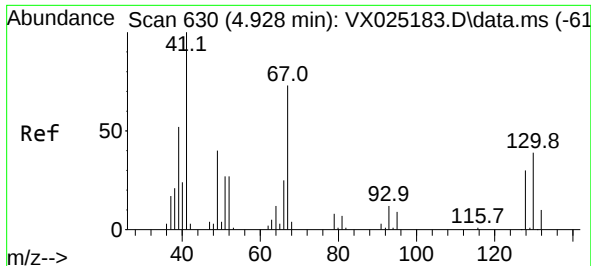
Ion Ratio Lower Upper

117 100

119 5.5 75.6 113.4#

121 0.0 23.7 35.5#

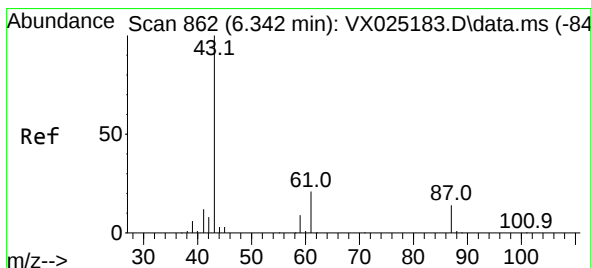
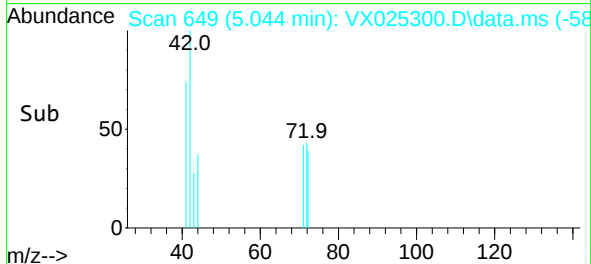
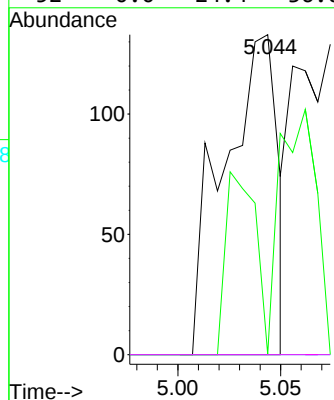
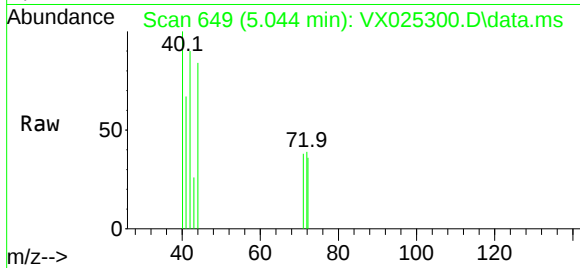




#41
Methacrylonitrile
Concen: 0.257 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

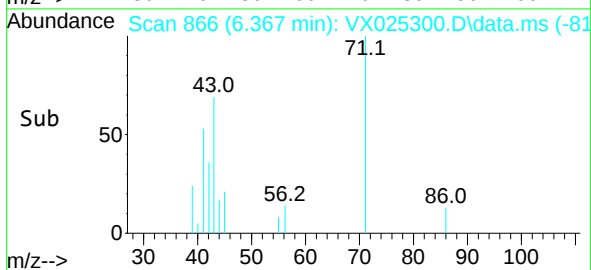
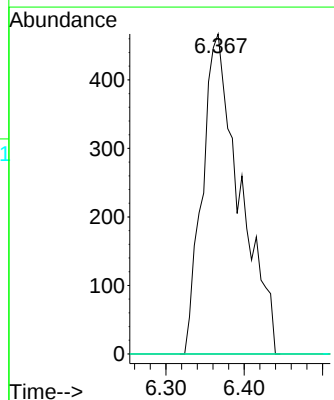
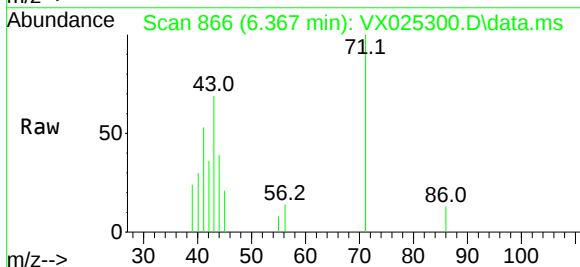
Instrument :
MSVOA_X
ClientSampleId :
TP8

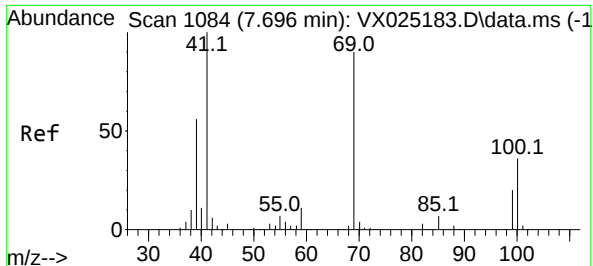
Tgt Ion:	41	Resp:	243
Ion	Ratio	Lower	Upper
41	100		
39	51.9	44.6	67.0
67	0.0	56.7	85.1#
52	0.0	24.4	36.6#



#43
Isopropyl Acetate
Concen: 0.548 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.025 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

Tgt Ion:	43	Resp:	1556
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.3	22.9#
87	0.0	10.9	16.3#

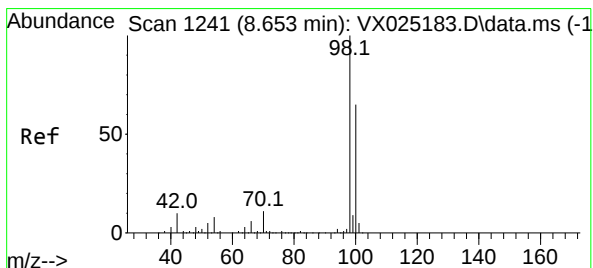
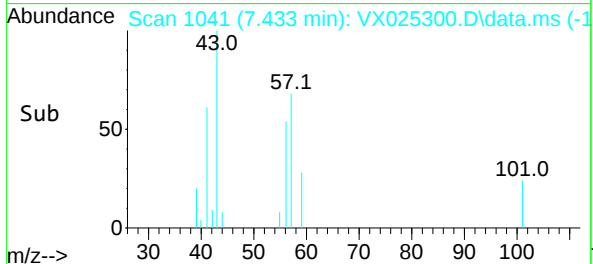
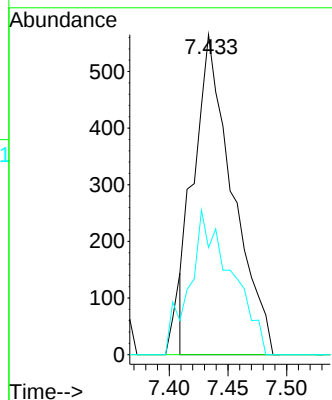
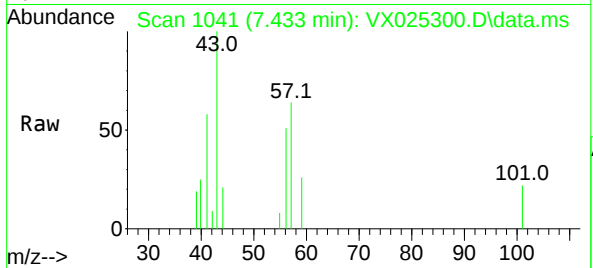




#48
Methyl methacrylate
Concen: 0.965 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.263 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

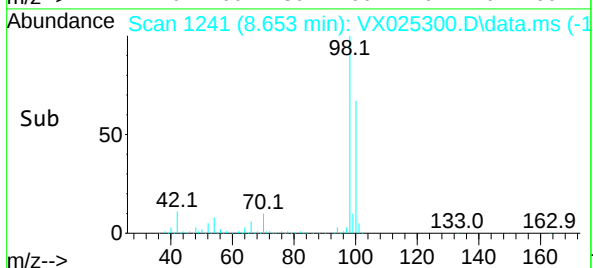
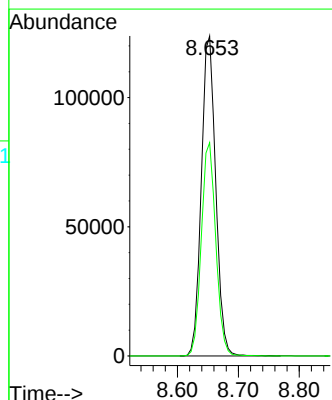
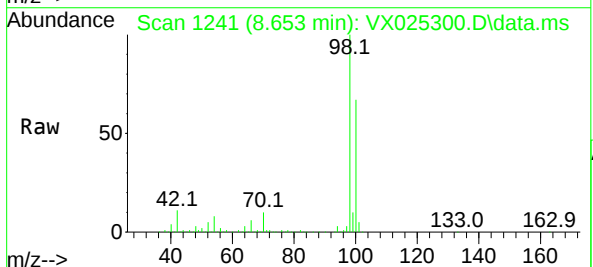
Instrument :
MSVOA_X
ClientSampleId :
TP8

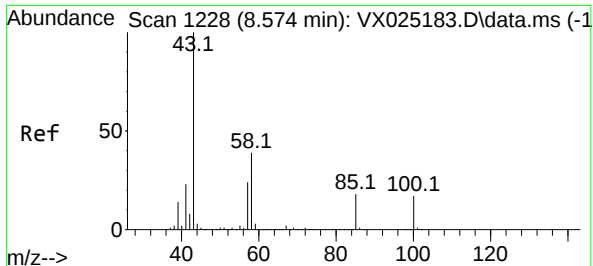
Tgt Ion: 41 Resp: 1286
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 45.1 46.9 70.3#



#50
Toluene-d8
Concen: 51.176 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

Tgt Ion: 98 Resp: 202986
Ion Ratio Lower Upper
98 100
100 67.0 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.277 ug/l

RT: 8.598 min Scan# 11

Delta R.T. 0.024 min

Lab File: VX025300.D

Acq: 24 Nov 2021 01:34

Instrument :

MSVOA_X

ClientSampleId :

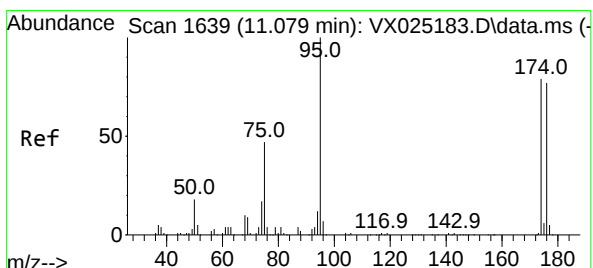
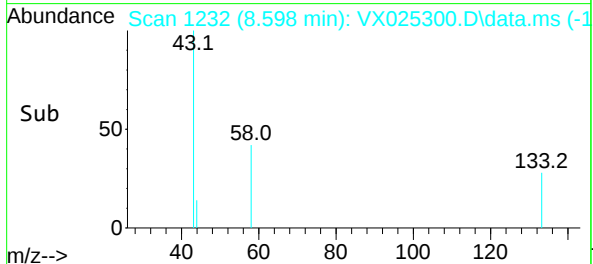
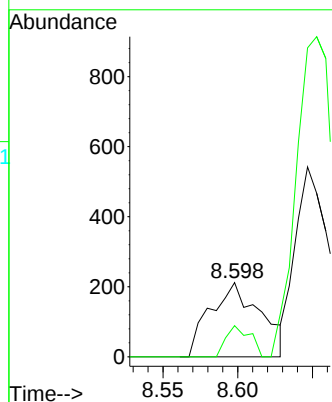
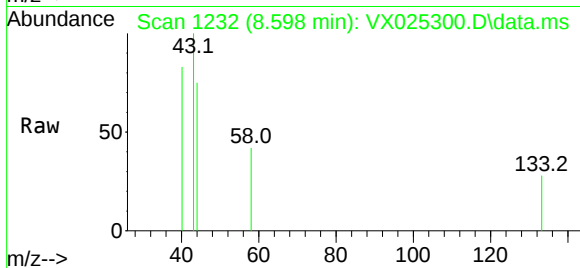
TP8

Tgt Ion: 43 Resp: 494

Ion Ratio Lower Upper

43 100

58 20.0 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 50.958 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025300.D

Acq: 24 Nov 2021 01:34

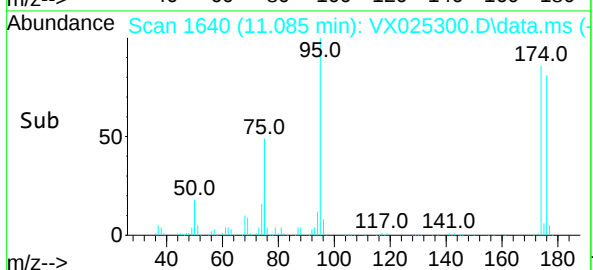
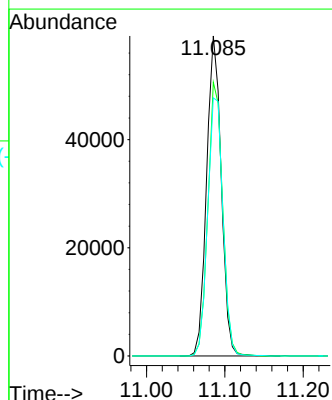
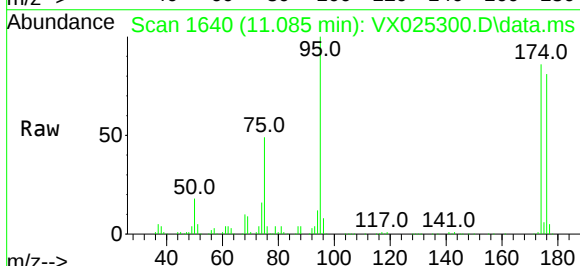
Tgt Ion: 95 Resp: 76464

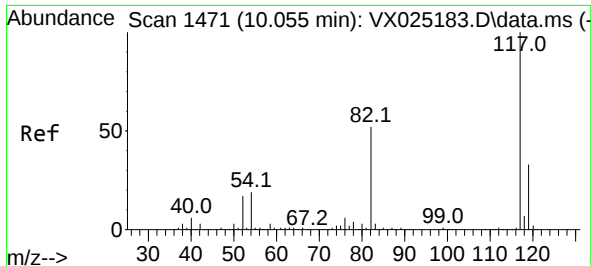
Ion Ratio Lower Upper

95 100

174 86.1 0.0 158.0

176 84.6 0.0 153.6

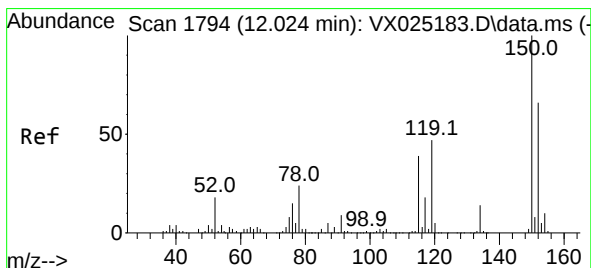
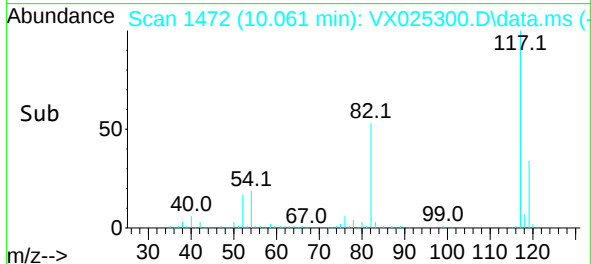
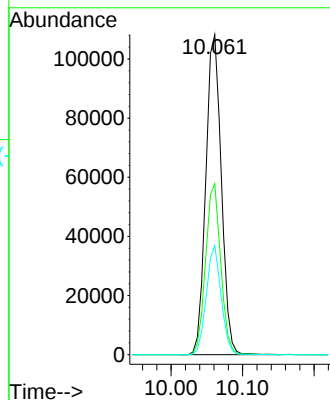
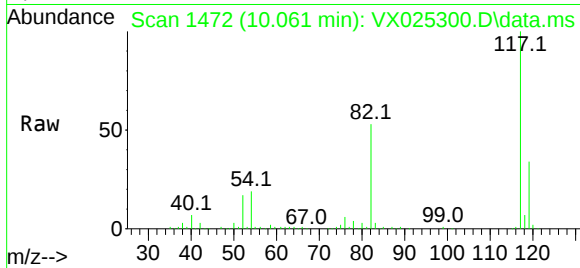




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

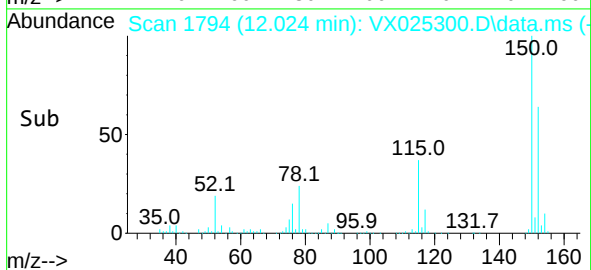
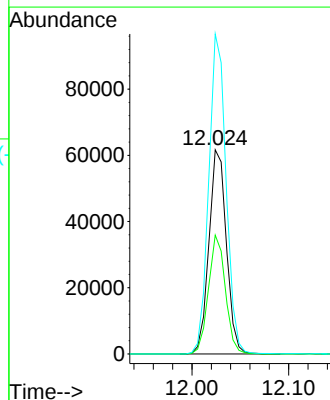
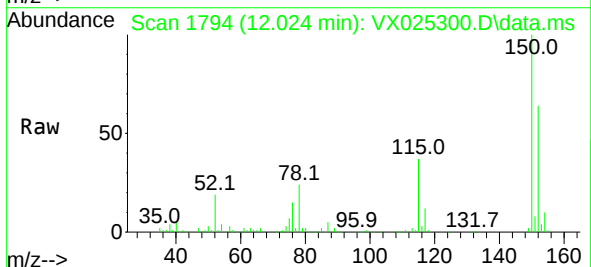
Instrument :
MSVOA_X
ClientSampleId :
TP8

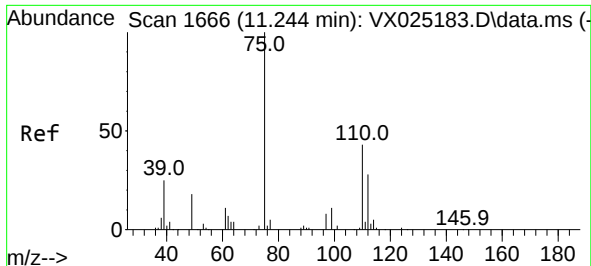
Tgt Ion:117 Resp: 163251
Ion Ratio Lower Upper
117 100
82 53.4 44.6 67.0
119 34.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

Tgt Ion:152 Resp: 77594
Ion Ratio Lower Upper
152 100
115 56.4 43.3 129.8
150 155.2 0.0 351.2

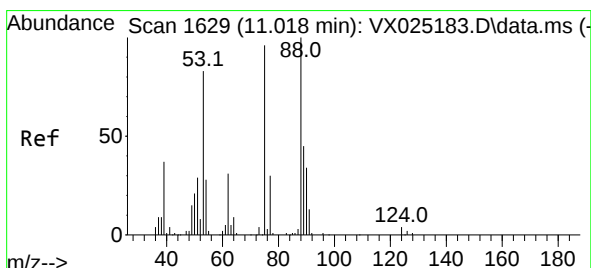
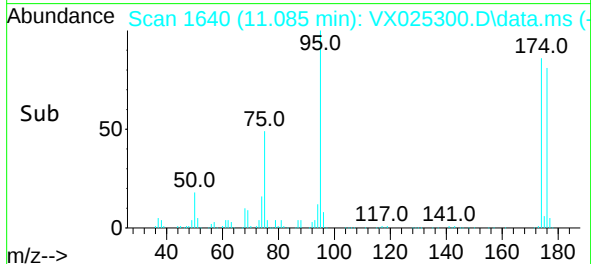
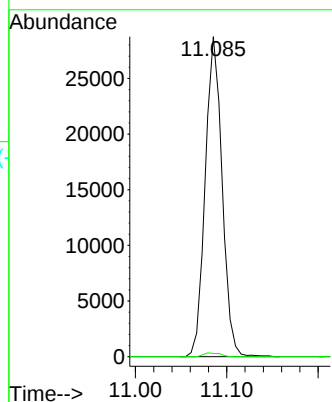
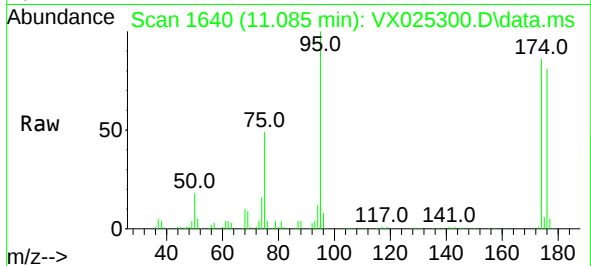




#76
1,2,3-Trichloropropane
Concen: 23.191 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

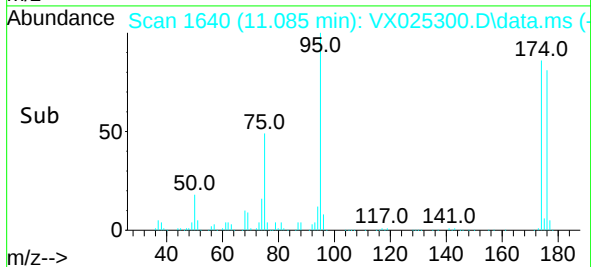
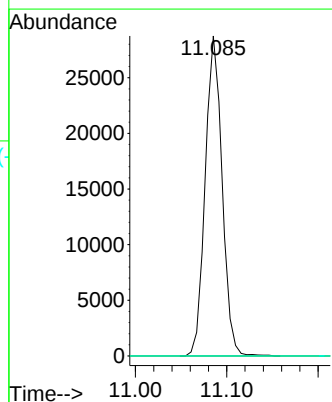
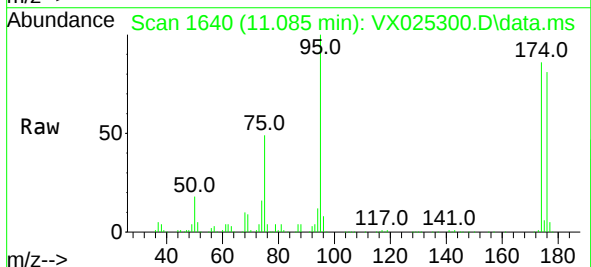
Instrument :
MSVOA_X
ClientSampleId :
TP8

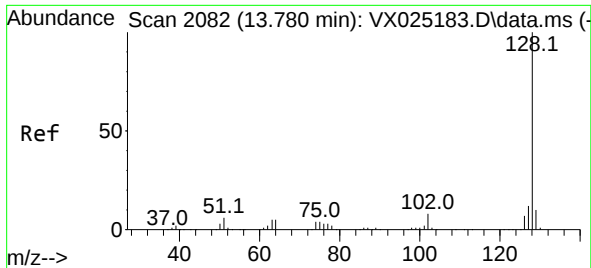
Tgt Ion: 75 Resp: 36850
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.423 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025300.D
Acq: 24 Nov 2021 01:34

Tgt Ion: 75 Resp: 36850
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: VX025300.D

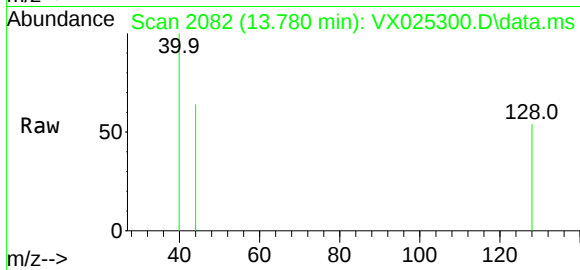
Acq: 24 Nov 2021 01:34

Instrument :

MSVOA_X

ClientSampleId :

TP8



Tgt Ion:128 Resp: 124

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

