

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025301.D
 Acq On : 24 Nov 2021 01:58
 Operator : JC/MD
 Sample : M4758-21
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 24 03:18:40 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)

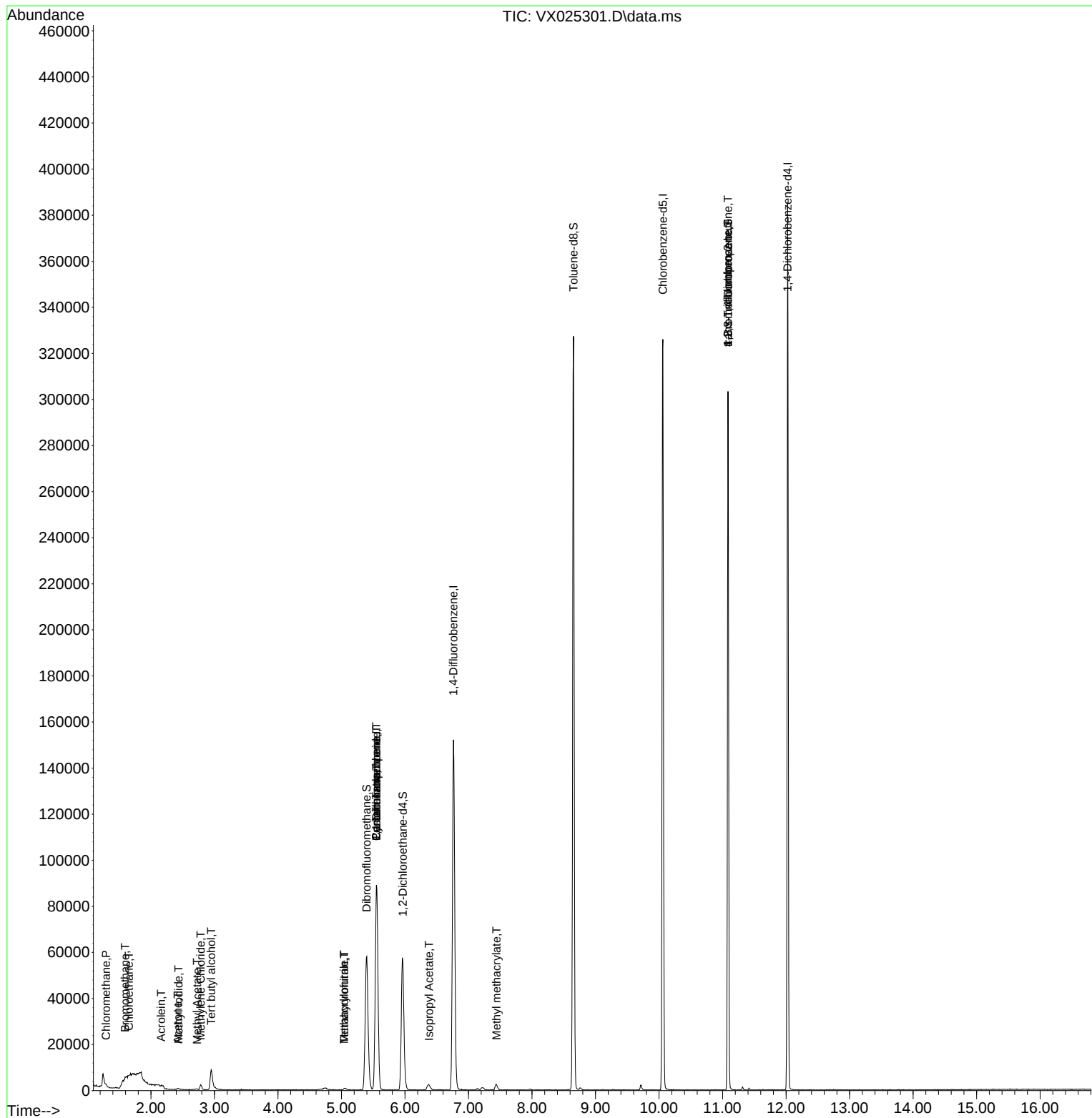
Internal Standards						
1) Pentafluorobenzene	5.550	168	97451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	170775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57943	56.409	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.820%
35) Dibromofluoromethane	5.397	113	55707	51.241	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	8.653	98	207721	50.818	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.640%
62) 4-Bromofluorobenzene	11.085	95	79637	51.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.000%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	222	0.212	ug/l #	42
5) Bromomethane	1.593	94	223	0.452	ug/l	85
6) Chloroethane	1.654	64	231	0.292	ug/l #	43
10) Methyl Iodide	2.434	142	431	0.380	ug/l #	68
11) Tert butyl alcohol	2.947	59	6444	17.029	ug/l #	73
13) Acrolein	2.160	56	47	0.999	ug/l #	1
16) Acetone	2.422	43	536	0.939	ug/l	96
18) Methyl Acetate	2.727	43	545	0.299	ug/l #	68
20) Methylene Chloride	2.782	84	1314	1.225	ug/l #	82
29) Tetrahydrofuran	5.044	42	762	1.491	ug/l #	71
31) Cyclohexane	5.550	56	1780	1.121	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6455	4.176	ug/l #	48
38) Carbon Tetrachloride	5.550	117	8908	5.232	ug/l #	16
41) Methacrylonitrile	5.044	41	458	0.469	ug/l #	38
43) Isopropyl Acetate	6.379	43	1562	0.534	ug/l #	61
48) Methyl methacrylate	7.440	41	989	0.720	ug/l #	37
76) 1,2,3-Trichloropropane	11.085	75	38162	22.607	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	38162	56.951	ug/l #	9
95) Naphthalene	13.780	128	140	Below Cal	#	69

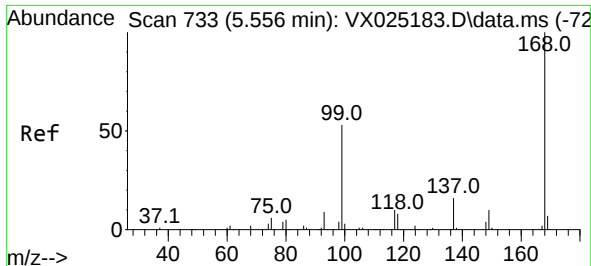
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 17 15:36:16 2021
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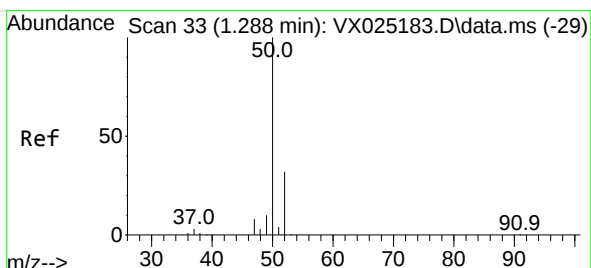
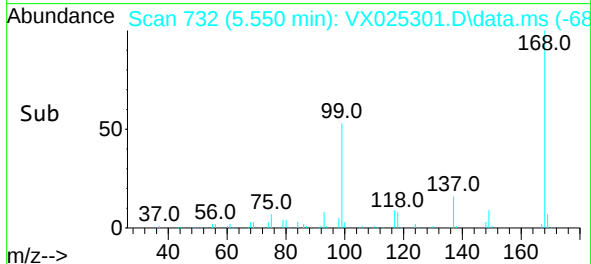
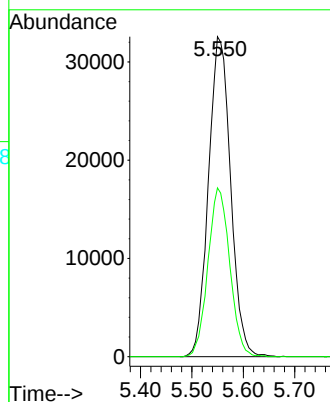
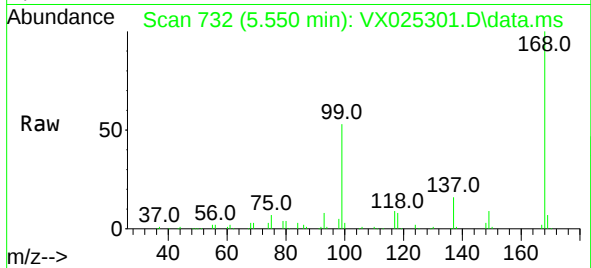




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

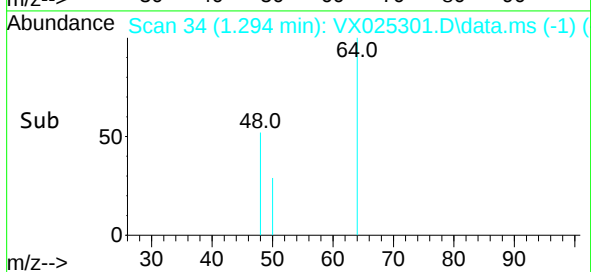
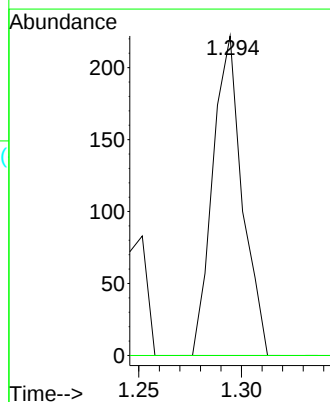
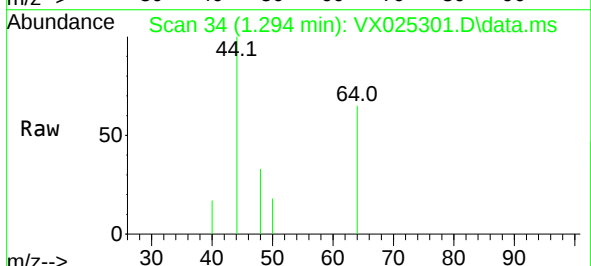
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 97451
Ion Ratio Lower Upper
168 100
99 52.8 46.4 69.6



#3
Chloromethane
Concen: 0.212 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

Tgt Ion: 50 Resp: 222
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

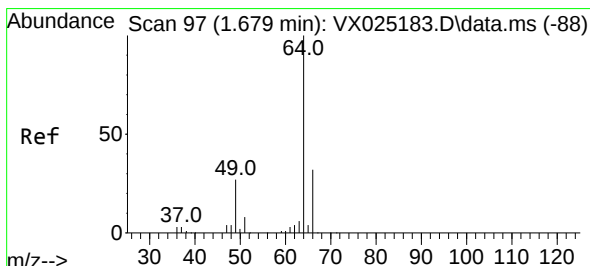
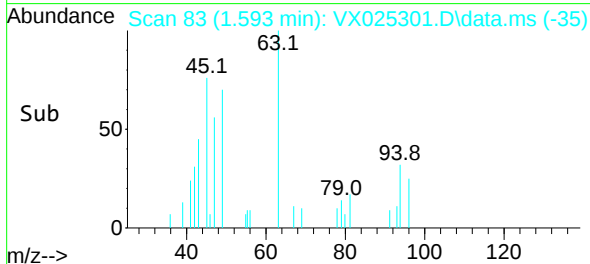
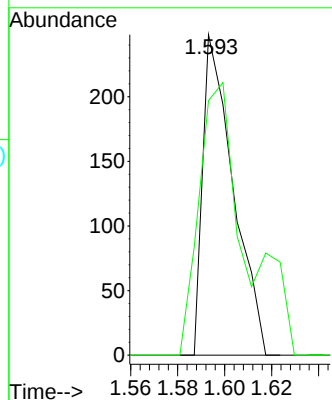
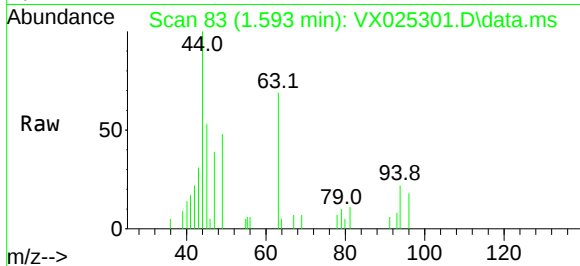




#5
Bromomethane
Concen: 0.452 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

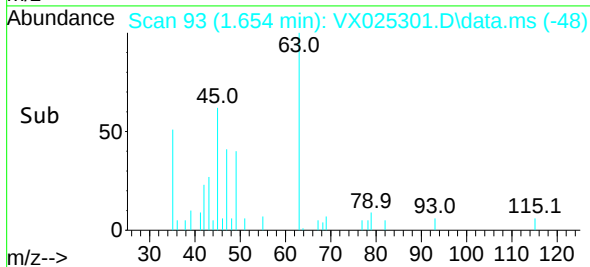
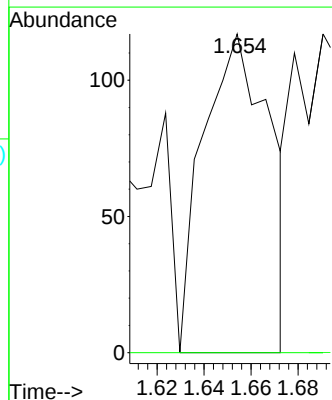
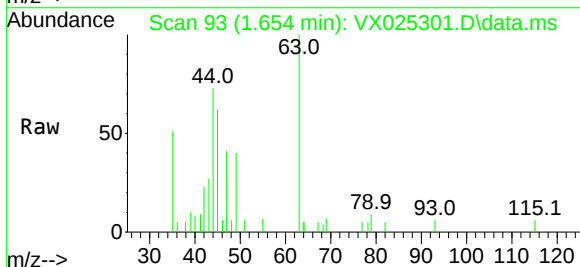
Instrument :
MSVOA_X
ClientSampleId :

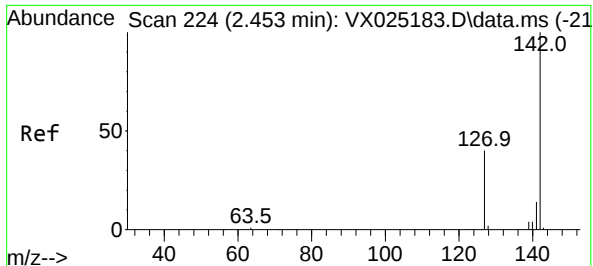
Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 79.4 74.8 112.2



#6
Chloroethane
Concen: 0.292 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

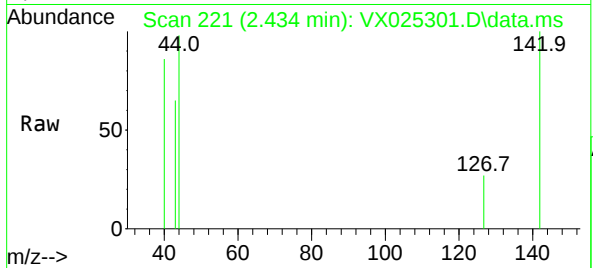
Tgt Ion: 64 Resp: 231
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



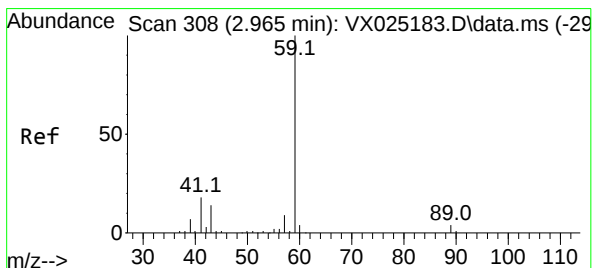
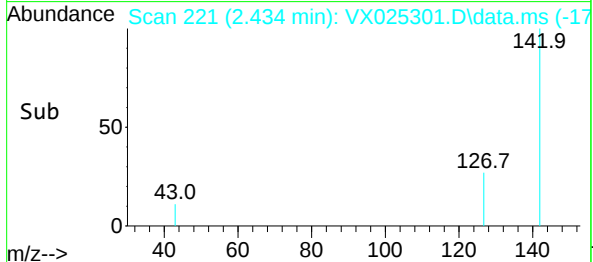
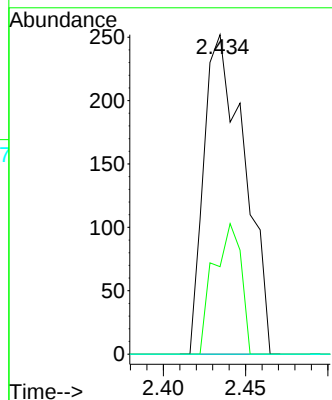


#10
Methyl Iodide
Concen: 0.380 ug/l
RT: 2.434 min Scan# 21
Delta R.T. -0.019 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

Instrument :
MSVOA_X
ClientSampleId :

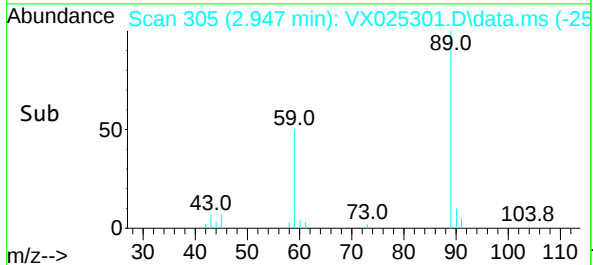
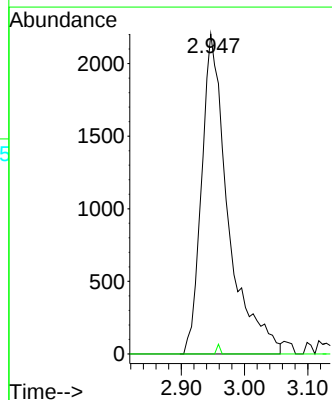
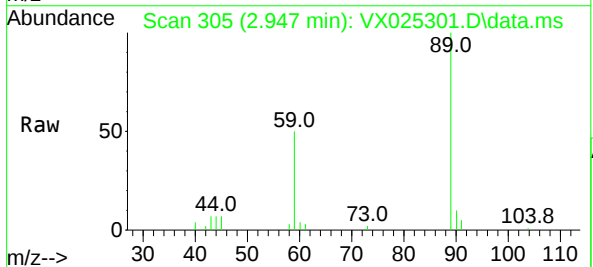


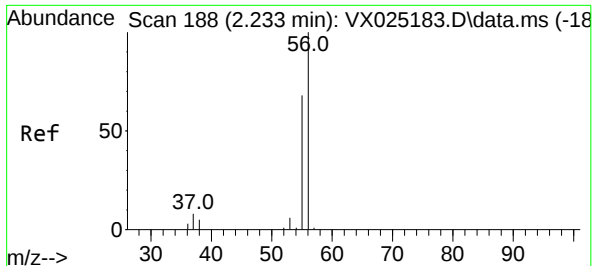
Tgt Ion:142 Resp: 431
Ion Ratio Lower Upper
142 100
127 27.6 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 17.029 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

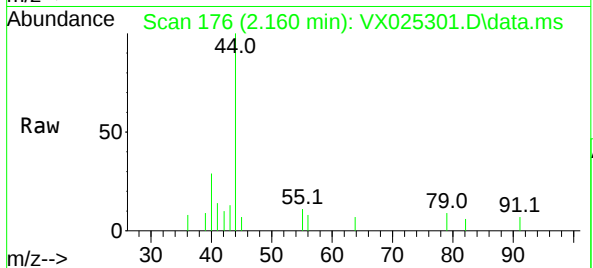
Tgt Ion: 59 Resp: 6444
Ion Ratio Lower Upper
59 100
57 0.4 8.5 12.7#



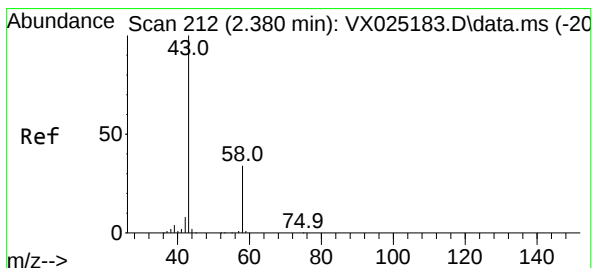
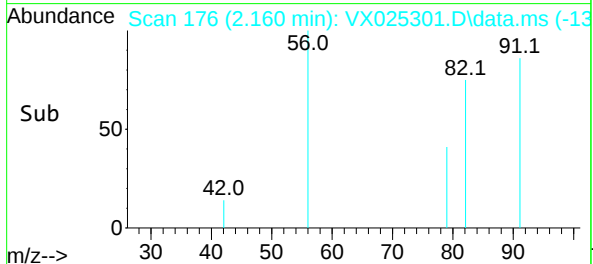
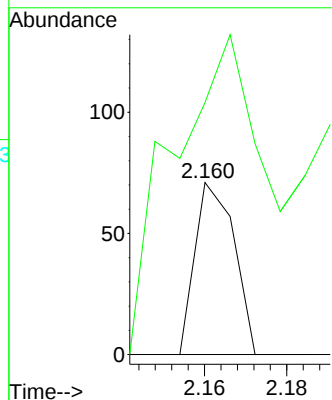


#13
Acrolein
Concen: 0.999 ug/l
RT: 2.160 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

Instrument :
MSVOA_X
ClientSampleId :

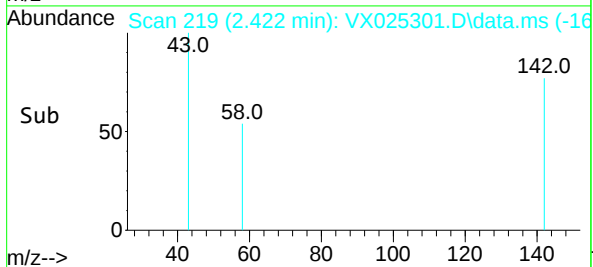
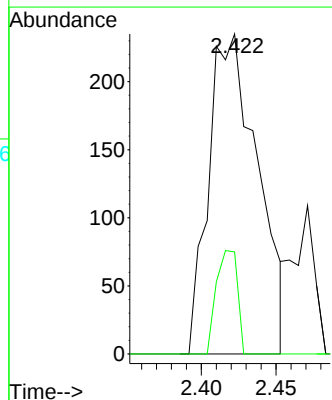
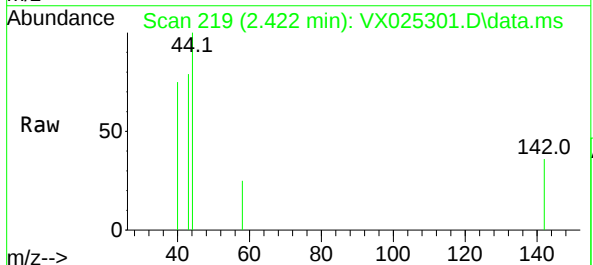


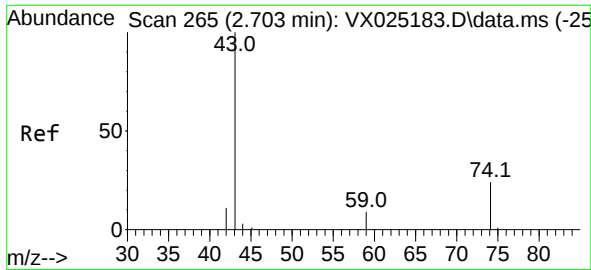
Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 427.7 58.6 87.8#



#16
Acetone
Concen: 0.939 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.042 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

Tgt Ion: 43 Resp: 536
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0





#18

Methyl Acetate

Concen: 0.299 ug/l

RT: 2.727 min Scan# 2

Delta R.T. 0.024 min

Lab File: VX025301.D

Acq: 24 Nov 2021 01:58

Instrument :

MSVOA_X

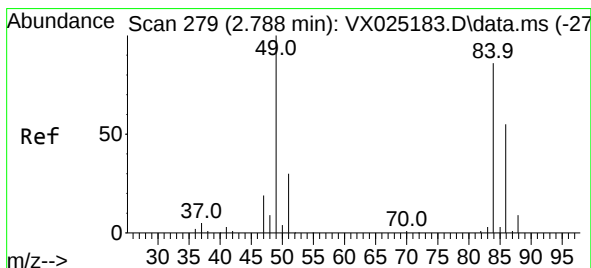
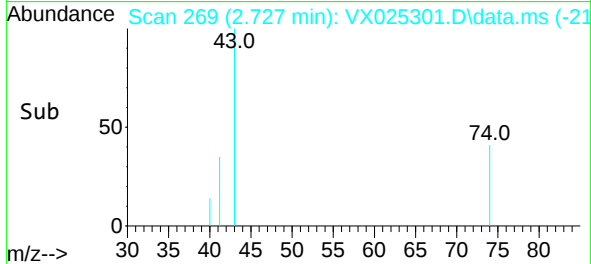
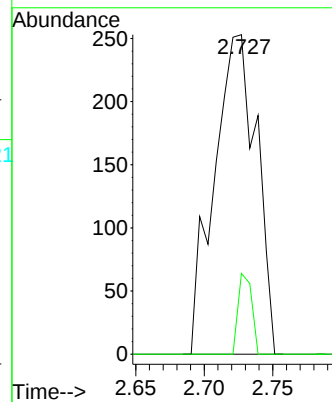
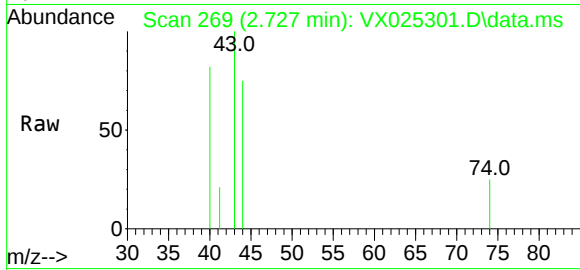
ClientSampleId :

Tgt Ion: 43 Resp: 545

Ion Ratio Lower Upper

43 100

74 8.1 19.0 28.6#



#20

Methylene Chloride

Concen: 1.225 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX025301.D

Acq: 24 Nov 2021 01:58

Tgt Ion: 84 Resp: 1314

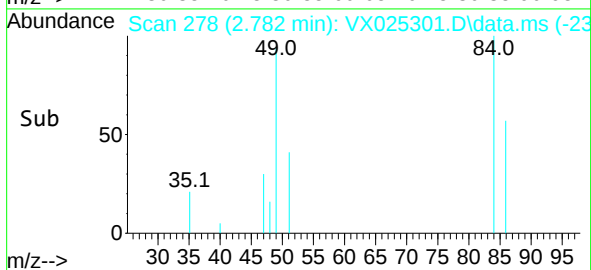
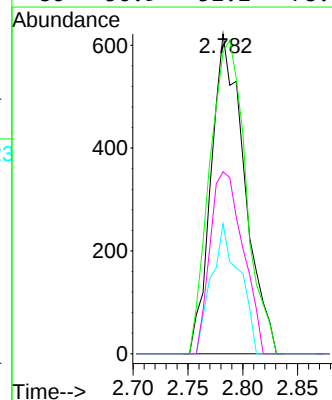
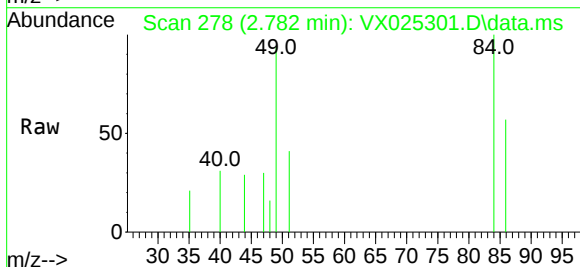
Ion Ratio Lower Upper

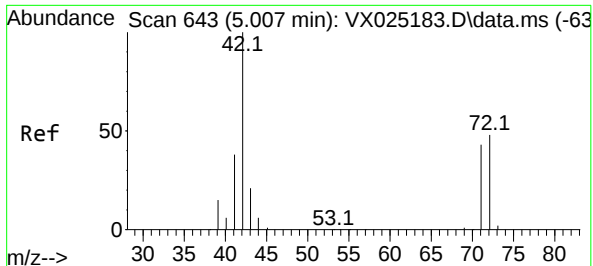
84 100

49 94.4 98.2 147.2#

51 40.7 30.2 45.4

86 56.9 52.2 78.2





#29

Tetrahydrofuran

Concen: 1.491 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX025301.D

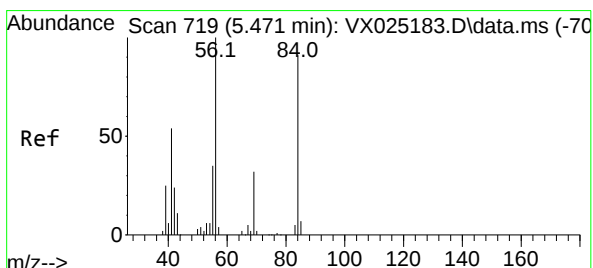
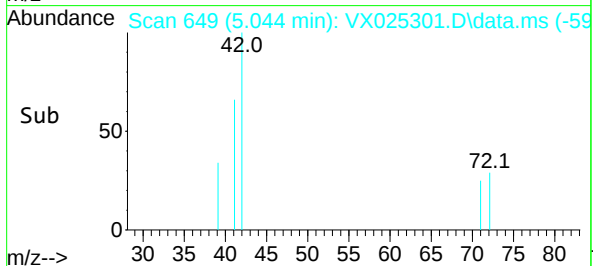
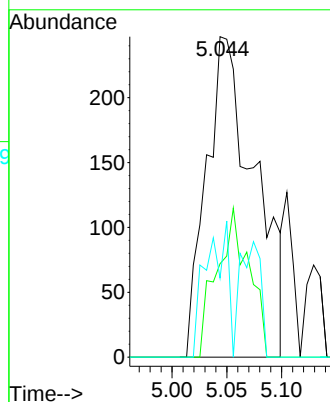
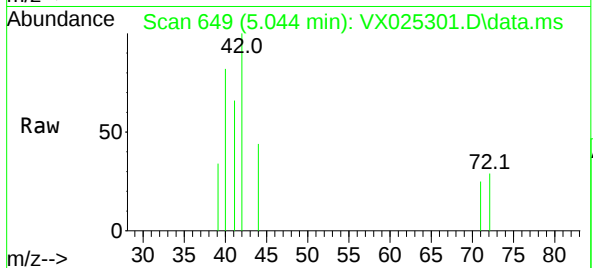
Acq: 24 Nov 2021 01:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	762
Ion	Ratio	Lower	Upper
42	100		
72	30.8	36.1	54.1#
71	19.0	33.7	50.5#



#31

Cyclohexane

Concen: 1.121 ug/l

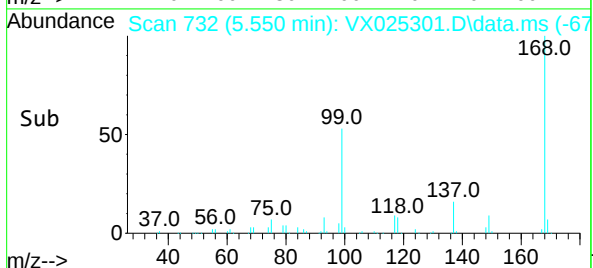
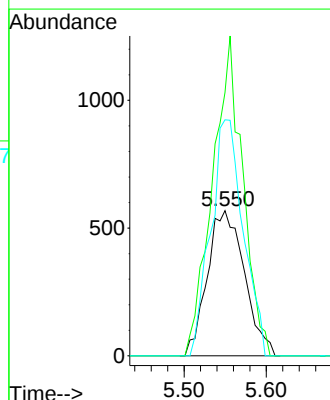
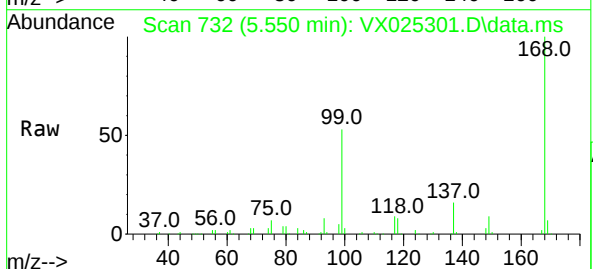
RT: 5.550 min Scan# 732

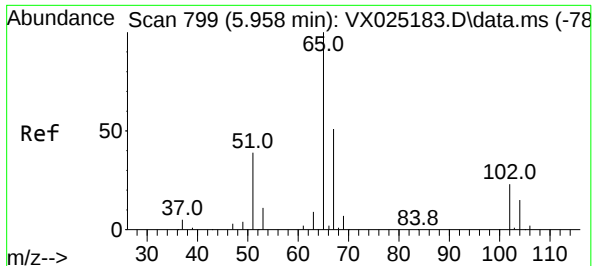
Delta R.T. 0.079 min

Lab File: VX025301.D

Acq: 24 Nov 2021 01:58

Tgt Ion:	56	Resp:	1780
Ion	Ratio	Lower	Upper
56	100		
69	181.5	24.2	36.2#
84	162.7	71.5	107.3#





#33

1,2-Dichloroethane-d4

Concen: 56.409 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025301.D

Acq: 24 Nov 2021 01:58

Instrument :

MSVOA_X

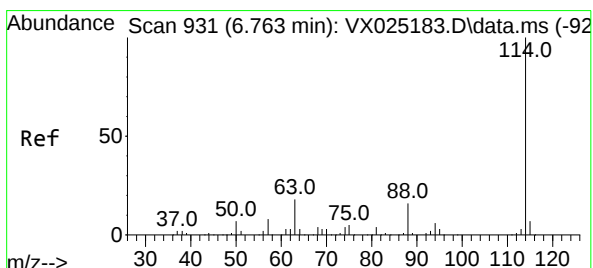
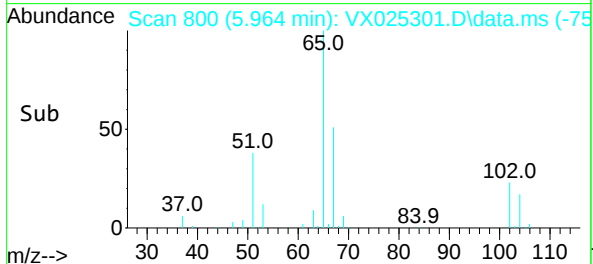
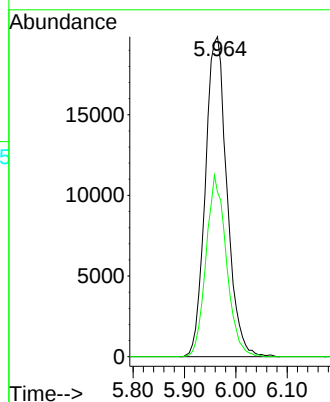
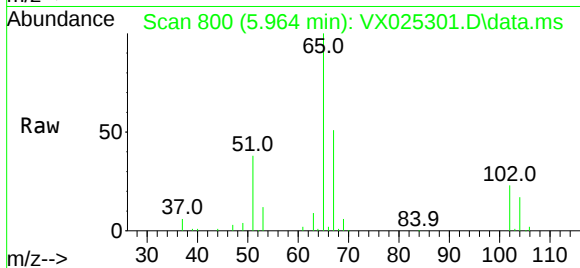
ClientSampleId :

Tgt Ion: 65 Resp: 57943

Ion Ratio Lower Upper

65 100

67 53.4 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: VX025301.D

Acq: 24 Nov 2021 01:58

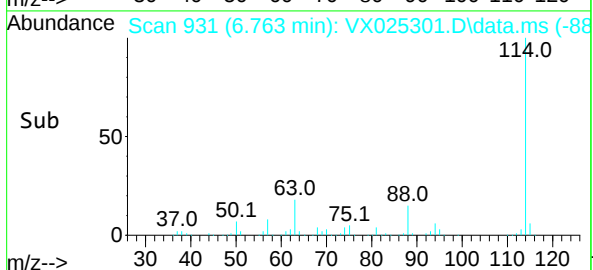
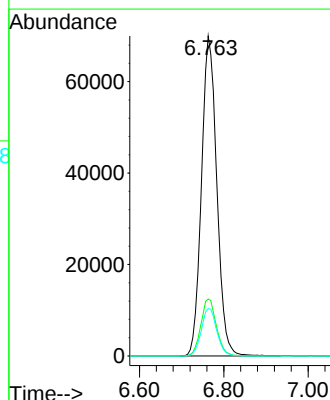
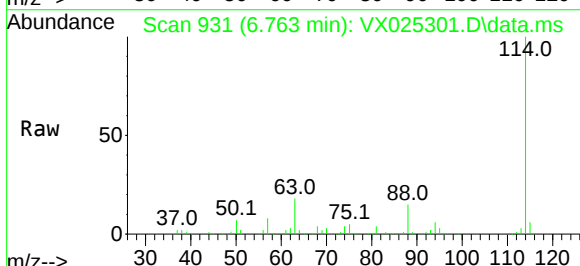
Tgt Ion: 114 Resp: 177187

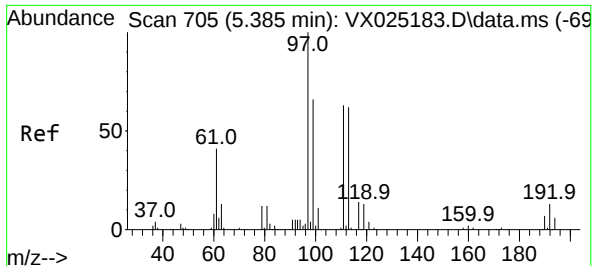
Ion Ratio Lower Upper

114 100

63 17.8 0.0 41.0

88 14.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.241 ug/l

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX025301.D

Acq: 24 Nov 2021 01:58

Instrument :

MSVOA_X

ClientSampleId :

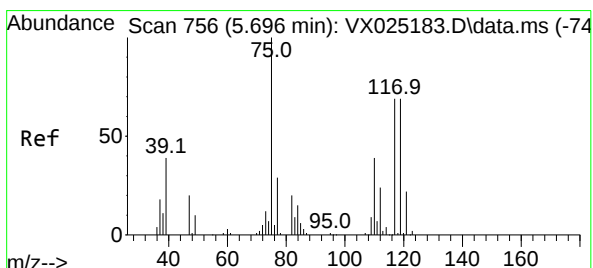
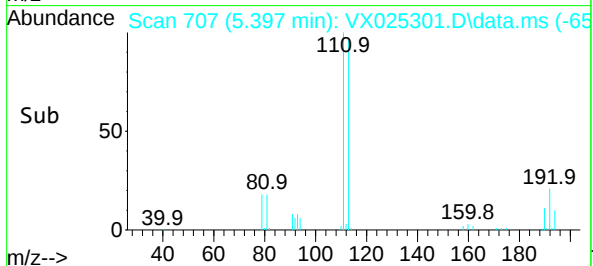
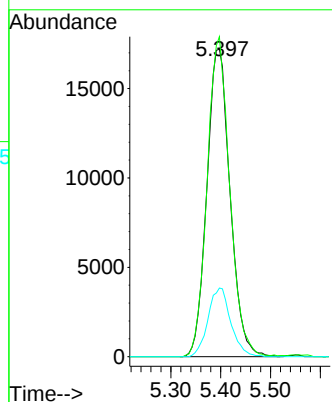
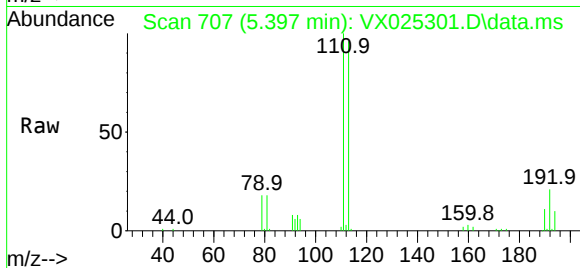
Tgt Ion:113 Resp: 55707

Ion Ratio Lower Upper

113 100

111 101.1 82.1 123.1

192 21.9 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.176 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX025301.D

Acq: 24 Nov 2021 01:58

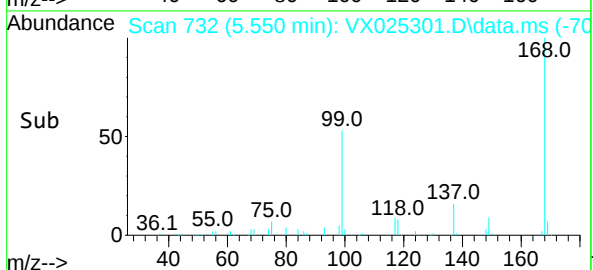
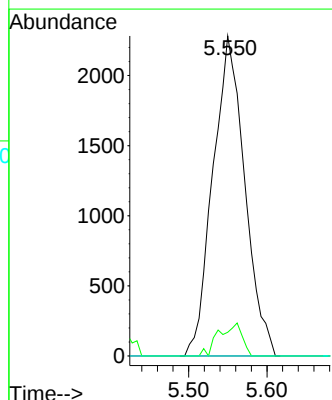
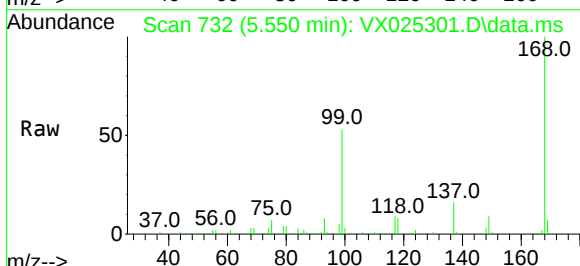
Tgt Ion: 75 Resp: 6455

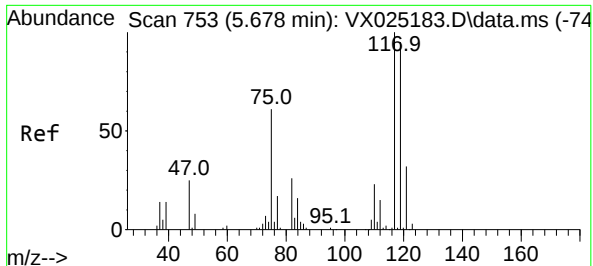
Ion Ratio Lower Upper

75 100

110 7.5 18.1 54.3#

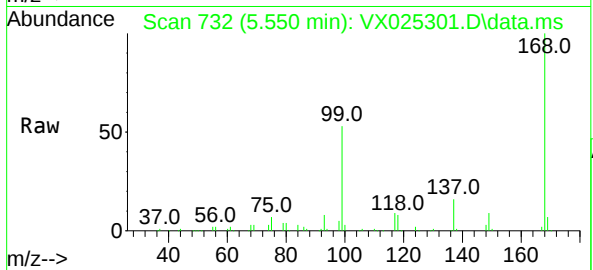
77 0.0 24.4 36.6#



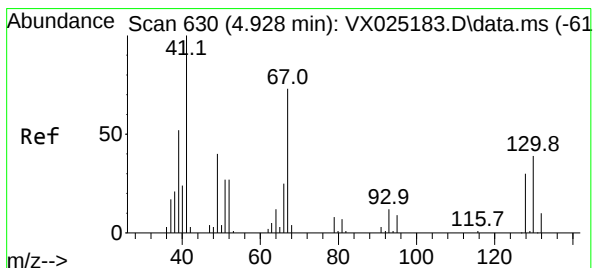
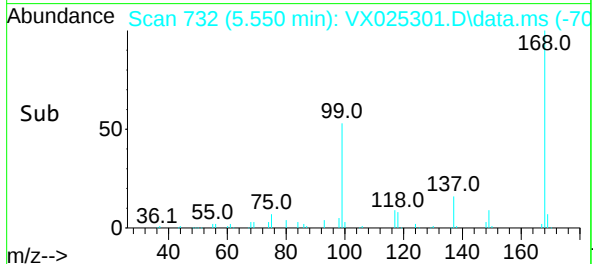
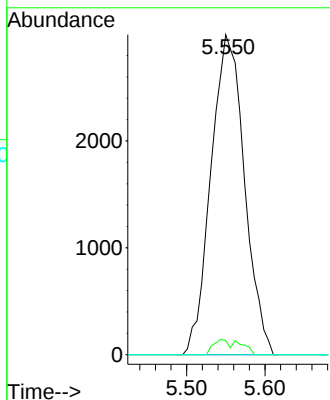


#38
Carbon Tetrachloride
Concen: 5.232 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

Instrument :
MSVOA_X
ClientSampleId :

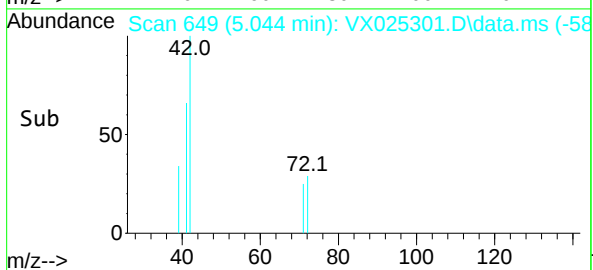
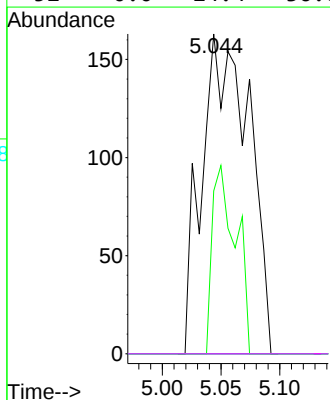
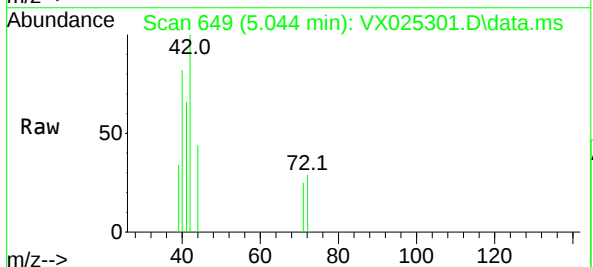


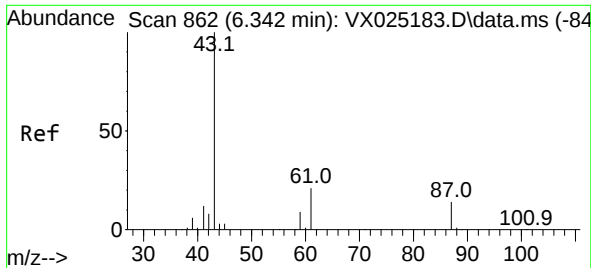
Tgt Ion:117 Resp: 8908
Ion Ratio Lower Upper
117 100
119 4.4 75.6 113.4#
121 0.0 23.7 35.5#



#41
Methacrylonitrile
Concen: 0.469 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

Tgt Ion: 41 Resp: 458
Ion Ratio Lower Upper
41 100
39 29.3 44.6 67.0#
67 0.0 56.7 85.1#
52 0.0 24.4 36.6#

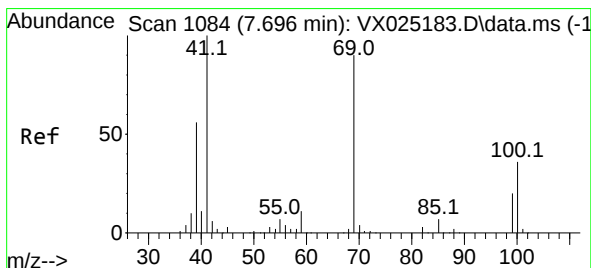
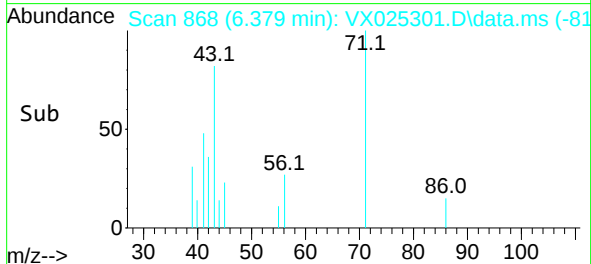
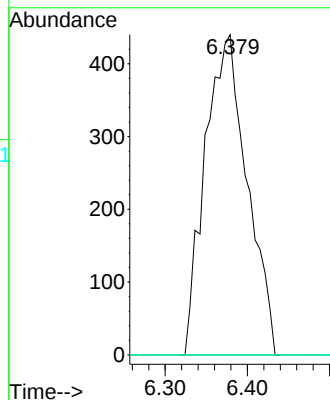
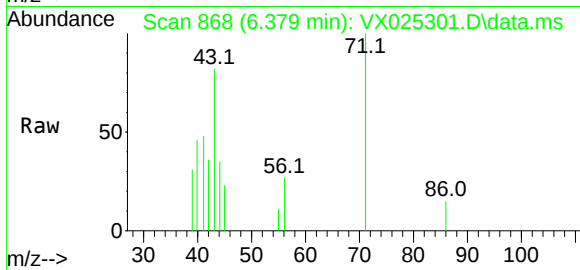




#43
Isopropyl Acetate
Concen: 0.534 ug/l
RT: 6.379 min Scan# 862
Delta R.T. 0.037 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

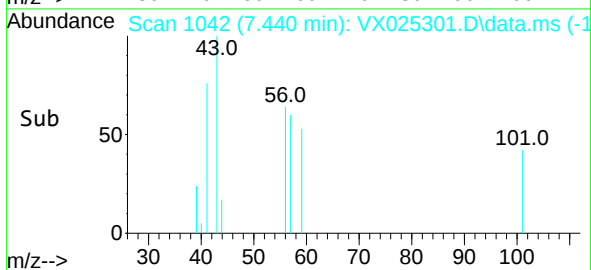
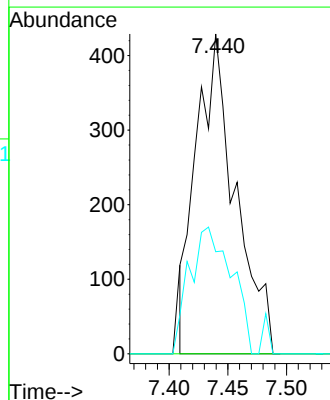
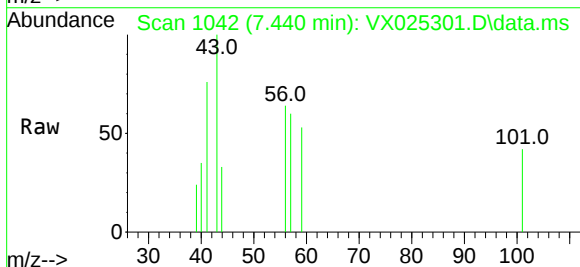
Instrument :
MSVOA_X
ClientSampleId :

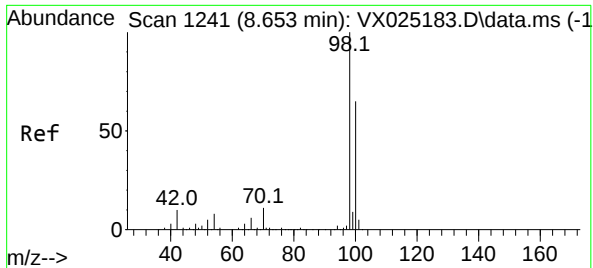
Tgt Ion: 43 Resp: 1562
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 0.0 10.9 16.3#



#48
Methyl methacrylate
Concen: 0.720 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.256 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

Tgt Ion: 41 Resp: 989
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 41.0 46.9 70.3#

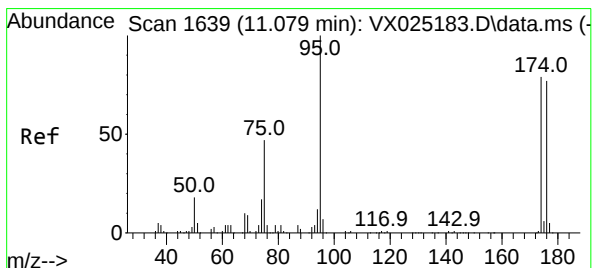
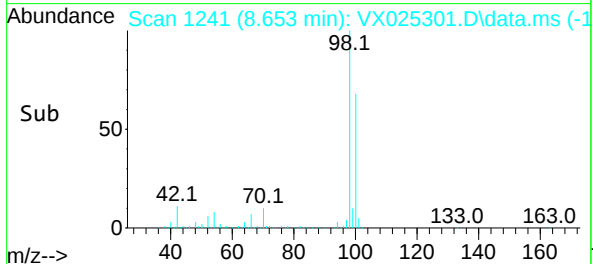
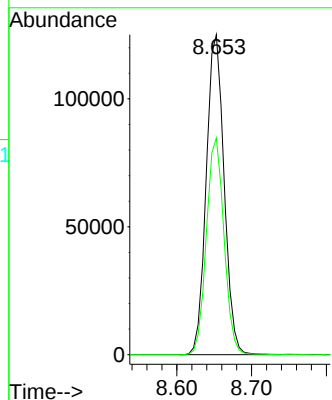
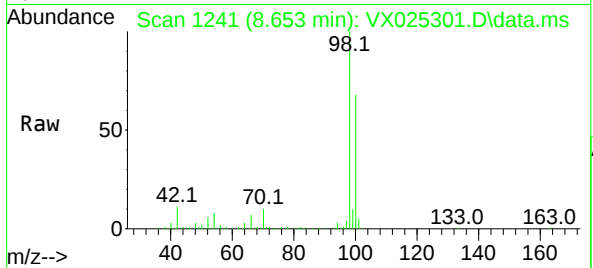




#50
Toluene-d8
Concen: 50.818 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

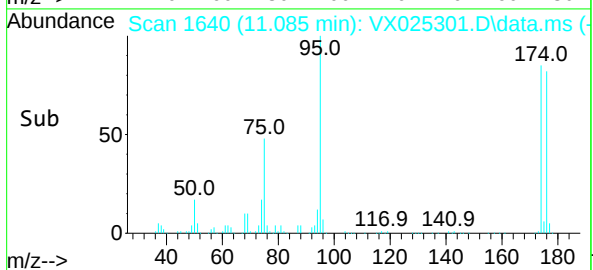
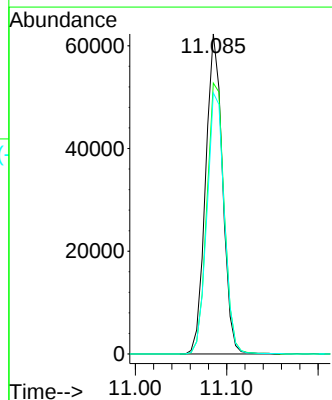
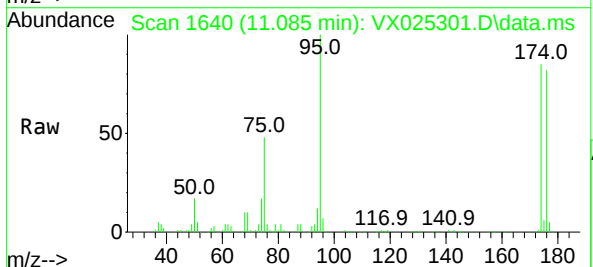
Instrument :
MSVOA_X
ClientSampleId :

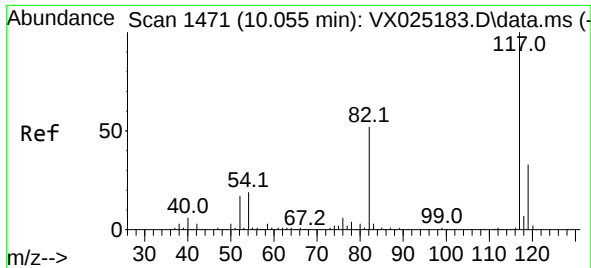
Tgt Ion: 98 Resp: 207721
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.499 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

Tgt Ion: 95 Resp: 79637
Ion Ratio Lower Upper
95 100
174 87.5 0.0 158.0
176 83.9 0.0 153.6

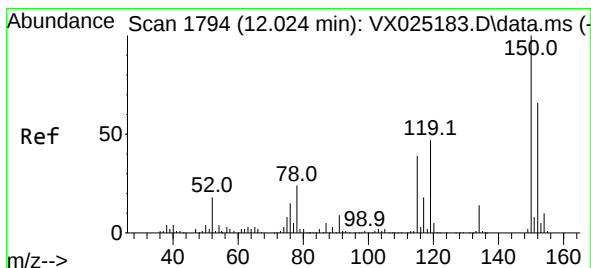
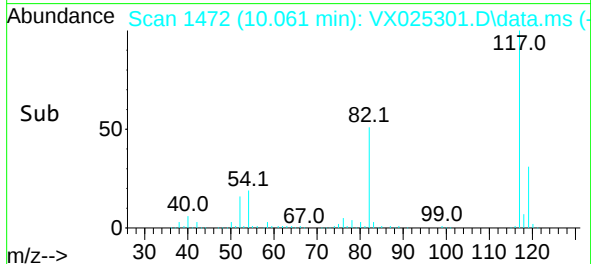
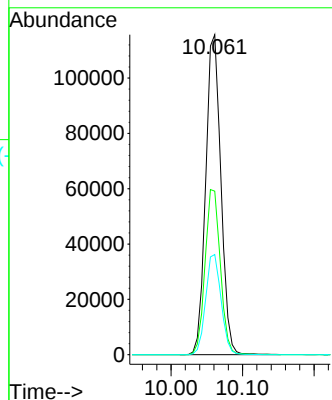
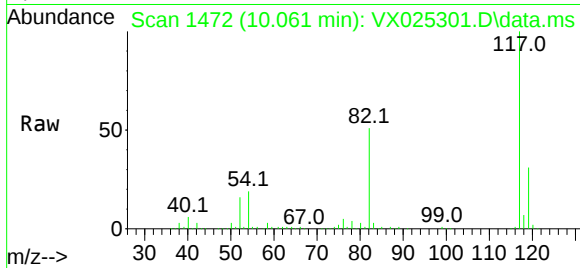




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

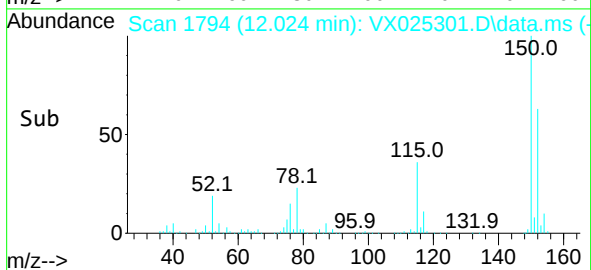
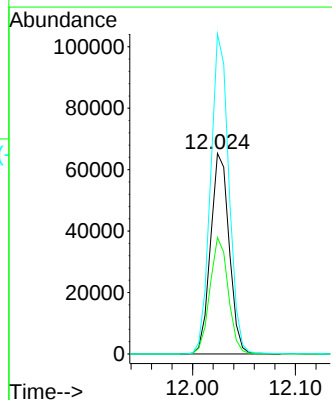
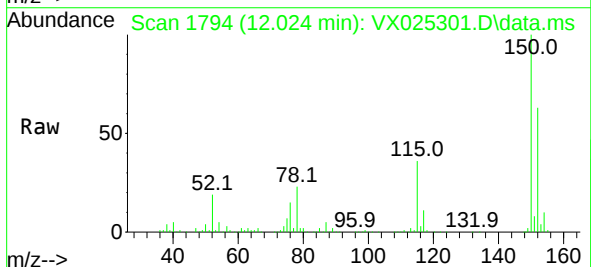
Instrument :
MSVOA_X
ClientSampleId :

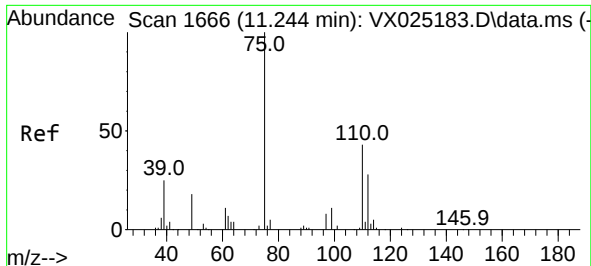
Tgt Ion:117 Resp: 170775
Ion Ratio Lower Upper
117 100
82 51.1 44.6 67.0
119 31.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

Tgt Ion:152 Resp: 82433
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 156.7 0.0 351.2

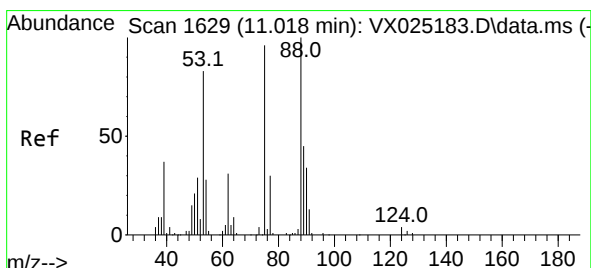
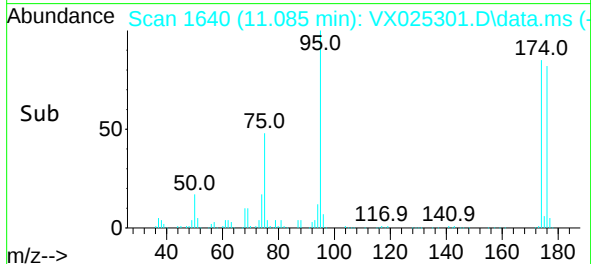
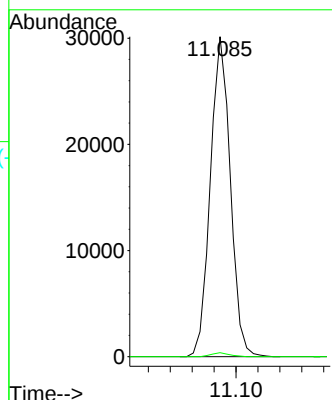
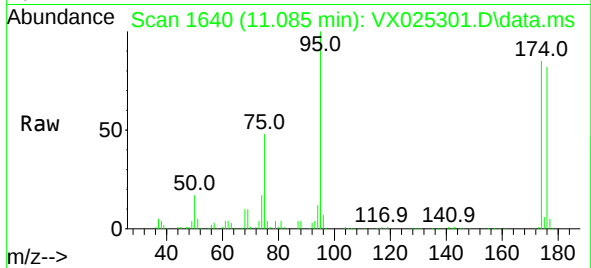




#76
1,2,3-Trichloropropane
Concen: 22.607 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

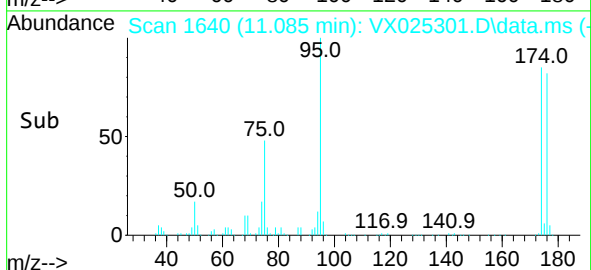
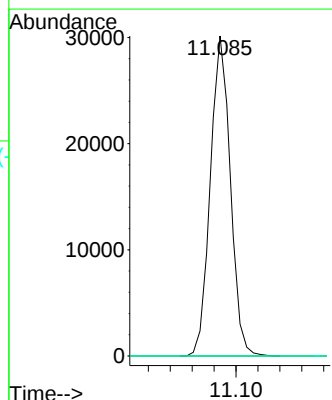
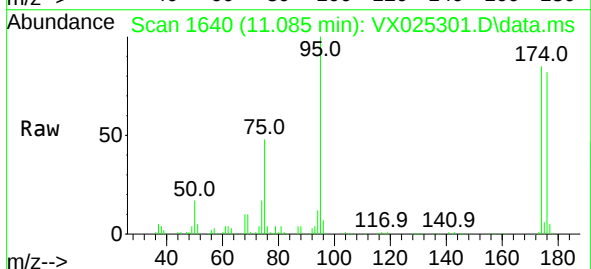
Instrument :
MSVOA_X
ClientSampleId :

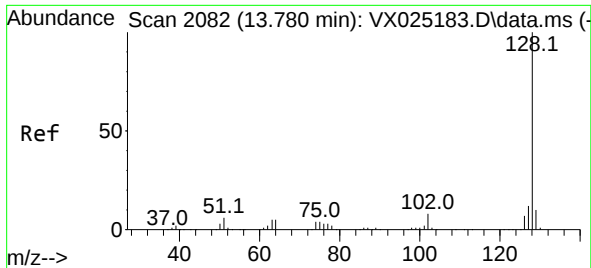
Tgt Ion: 75 Resp: 38162
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.951 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

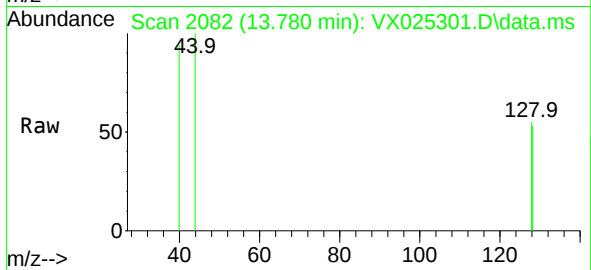
Tgt Ion: 75 Resp: 38162
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX025301.D
Acq: 24 Nov 2021 01:58

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 140
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

