

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
 Data File : VX031125.D
 Acq On : 06 Sep 2022 13:53
 Operator : JC/MD
 Sample : VX0906MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBL01

Quant Time: Sep 06 17:28:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

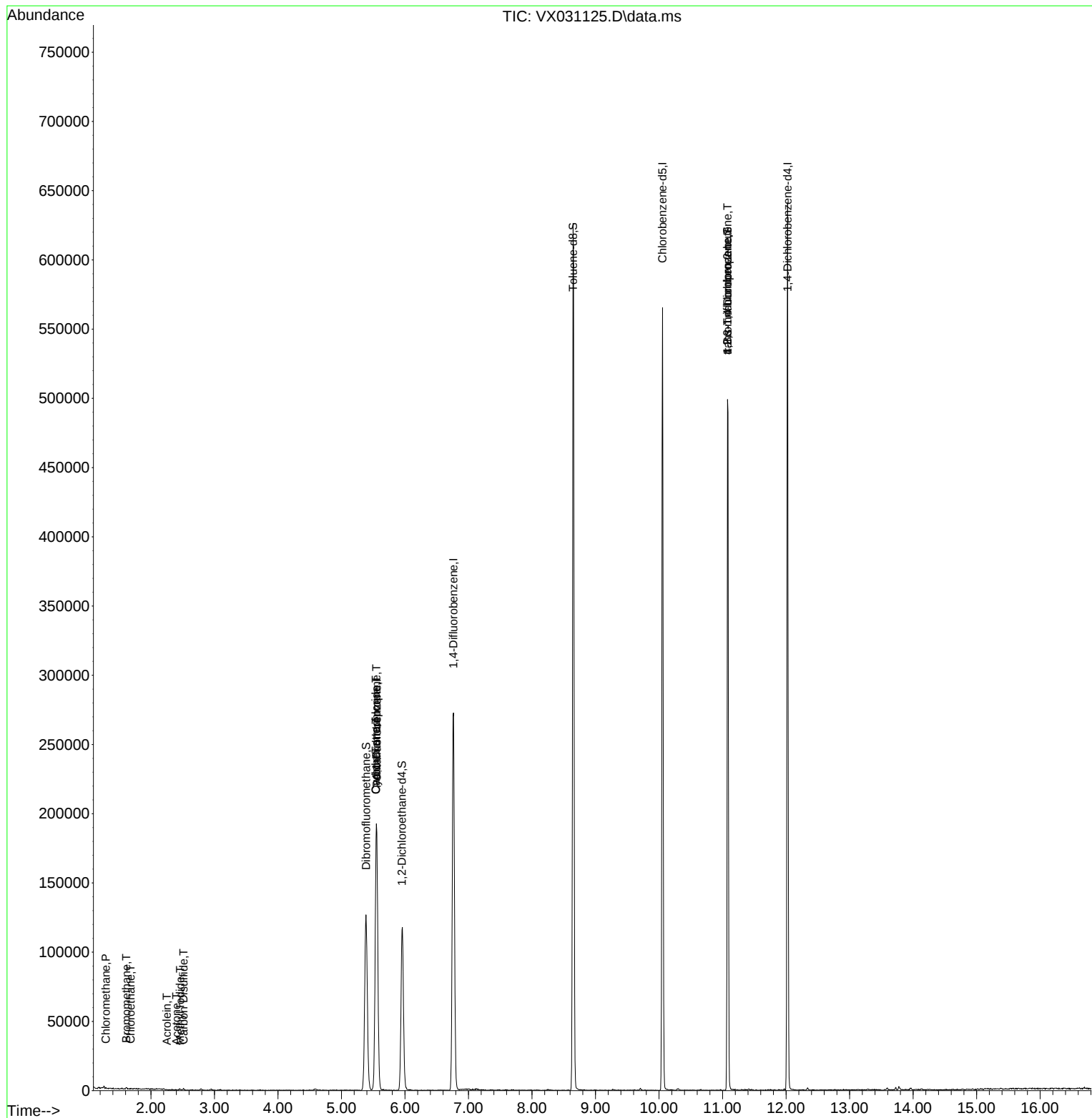
Internal Standards						
1) Pentafluorobenzene	5.556	168	196922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	307797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	119673	47.231	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.460%		
35) Dibromofluoromethane	5.385	113	114465	50.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.920%		
50) Toluene-d8	8.647	98	402308	48.665	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.340%		
62) 4-Bromofluorobenzene	11.079	95	141768	48.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.100%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	184	0.794	ug/l #	86
5) Bromomethane	1.611	94	354	0.374	ug/l #	80
6) Chloroethane	1.678	64	67	1.782	ug/l #	41
10) Methyl Iodide	2.459	142	915	3.285	ug/l #	81
11) Tert butyl alcohol	2.947	59	372	Below Cal	#	74
13) Acrolein	2.252	56	150	0.324	ug/l #	59
16) Acetone	2.398	43	340	0.348	ug/l #	40
17) Carbon Disulfide	2.514	76	1245	0.210	ug/l #	91
20) Methylene Chloride	2.788	84	504	Below Cal	#	78
31) Cyclohexane	5.544	56	3219	0.930	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	12719	4.043	ug/l #	50
38) Carbon Tetrachloride	5.544	117	18971	5.809	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	64662	19.513	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	64662	61.325	ug/l #	12

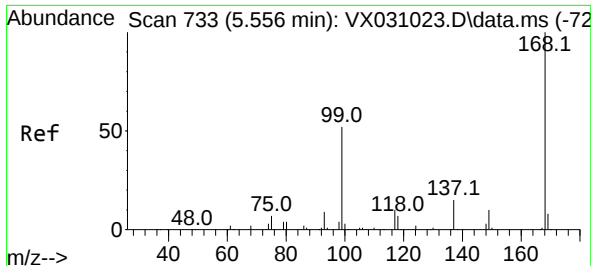
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Sep 06 17:28:55 2022
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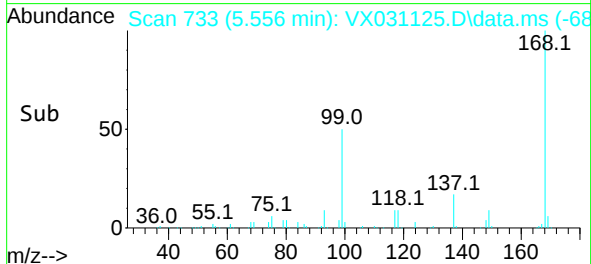
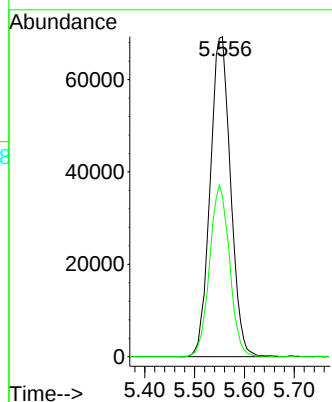
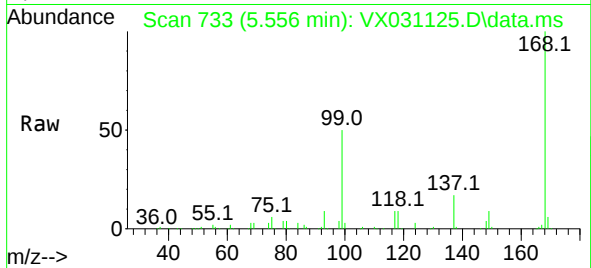




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

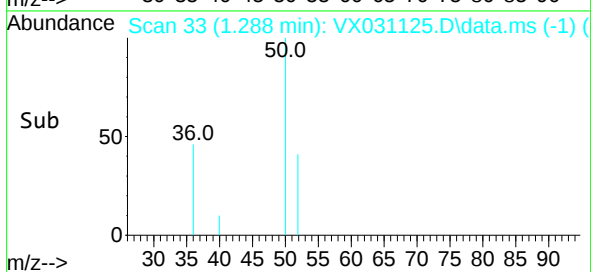
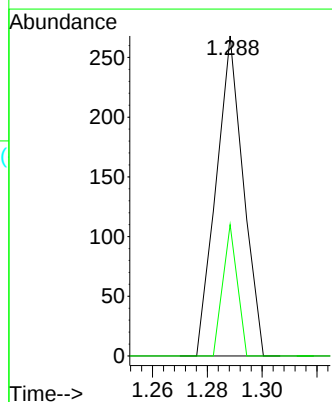
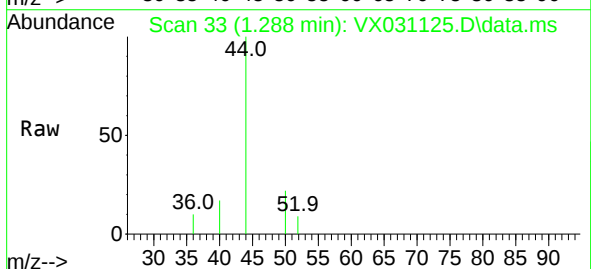
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBL01

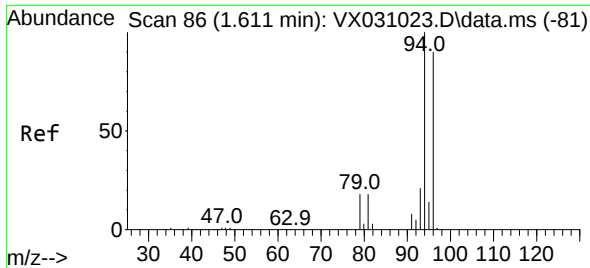
Tgt Ion:168 Resp: 196922
Ion Ratio Lower Upper
168 100
99 50.0 44.0 66.0



#3
Chloromethane
Concen: 0.794 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

Tgt Ion: 50 Resp: 184
Ion Ratio Lower Upper
50 100
52 41.0 26.3 39.5

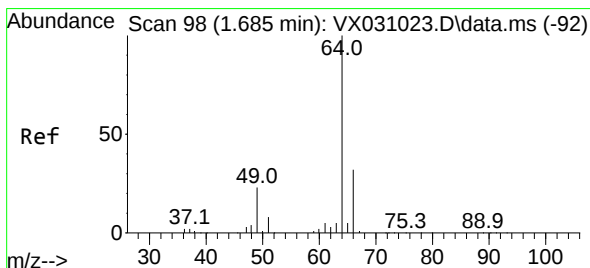
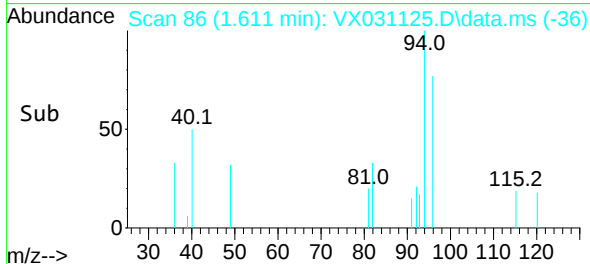
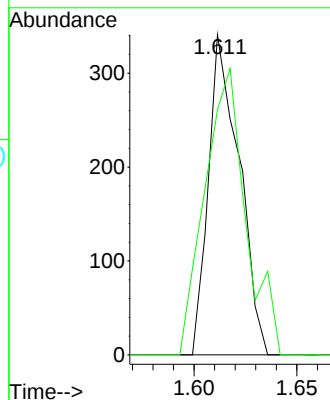
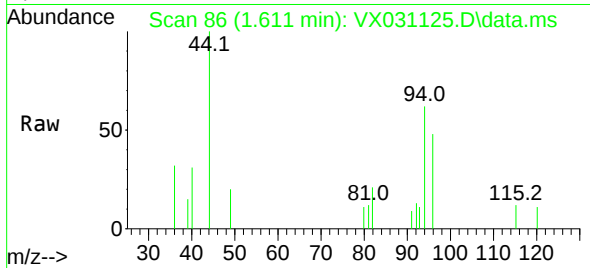




#5
Bromomethane
Concen: 0.374 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

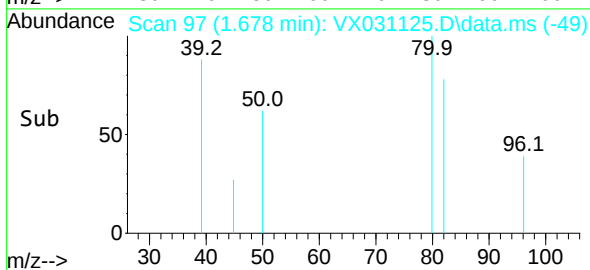
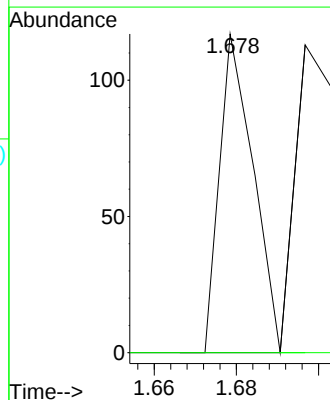
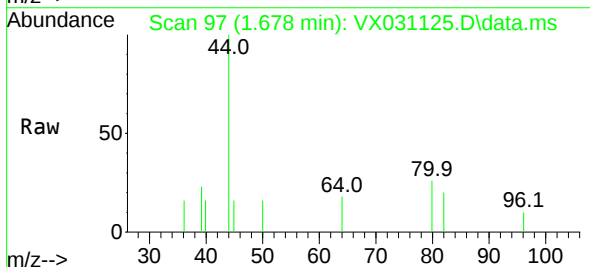
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBL01

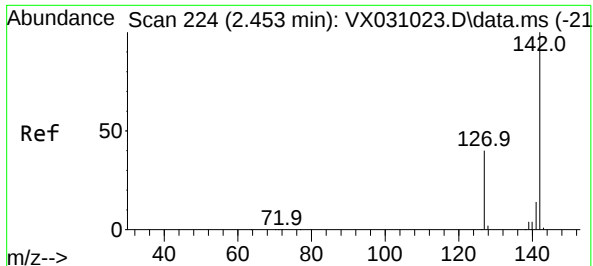
Tgt Ion: 94 Resp: 354
Ion Ratio Lower Upper
94 100
96 76.5 76.9 115.3#



#6
Chloroethane
Concen: 1.782 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

Tgt Ion: 64 Resp: 67
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

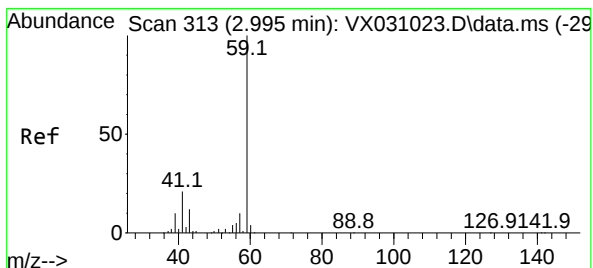
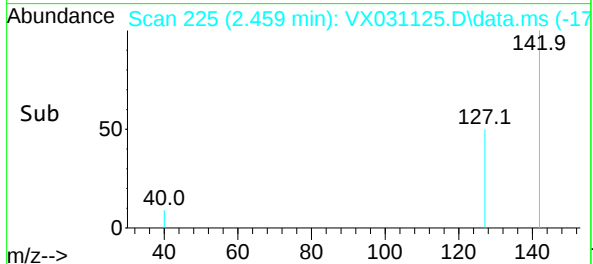
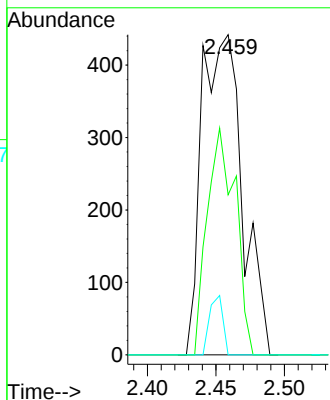
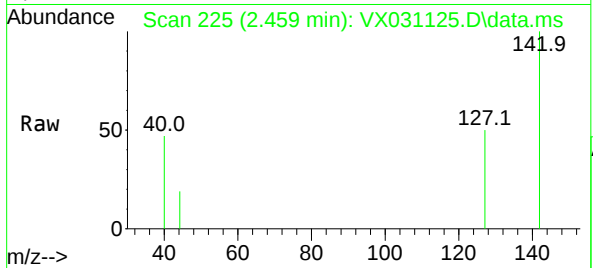




#10
Methyl Iodide
Concen: 3.285 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

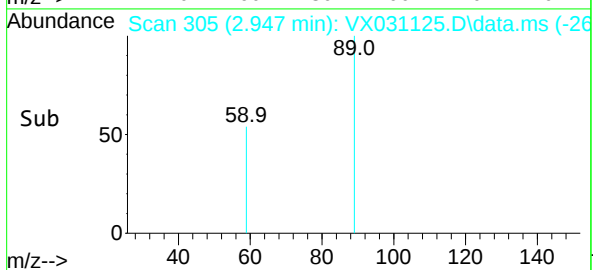
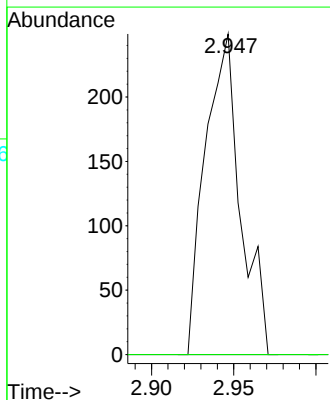
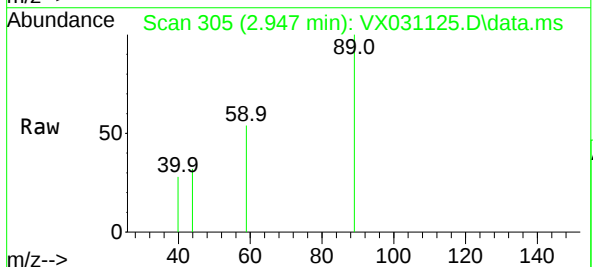
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBL01

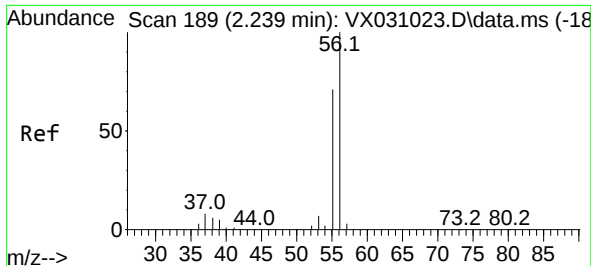
Tgt Ion:142 Resp: 915
Ion Ratio Lower Upper
142 100
127 49.2 30.2 45.2#
141 6.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

Tgt Ion: 59 Resp: 372
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

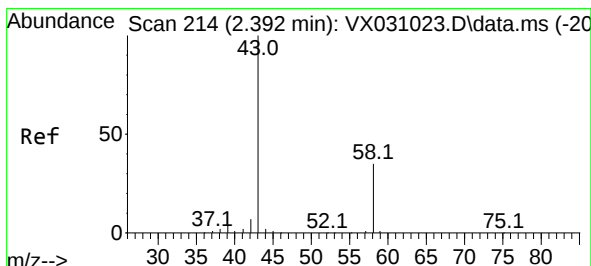
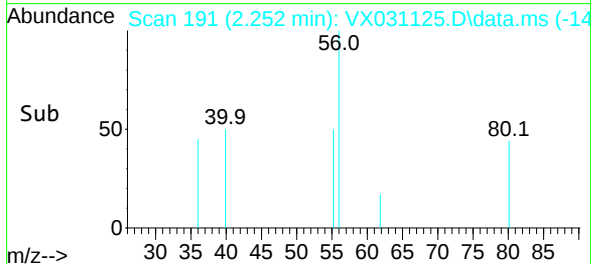
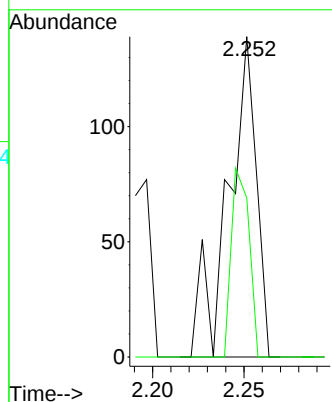
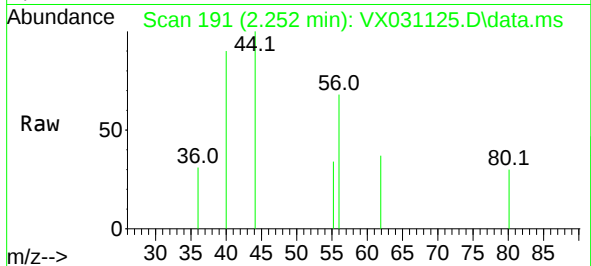




#13
Acrolein
Concen: 0.324 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

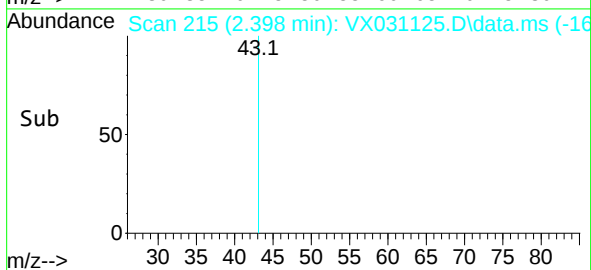
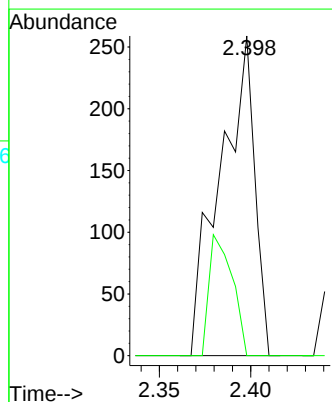
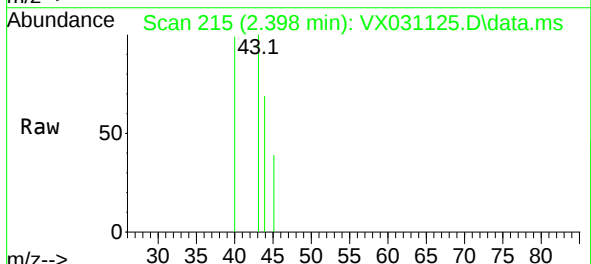
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBL01

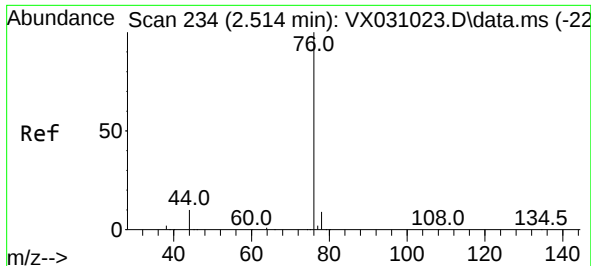
Tgt Ion: 56 Resp: 150
Ion Ratio Lower Upper
56 100
55 36.7 56.6 84.8#



#16
Acetone
Concen: 0.348 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

Tgt Ion: 43 Resp: 340
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#





#17

Carbon Disulfide

Concen: 0.210 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX031125.D

Acq: 06 Sep 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

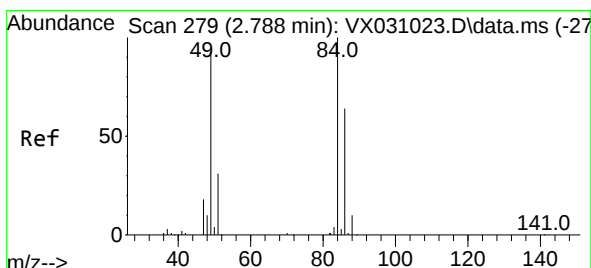
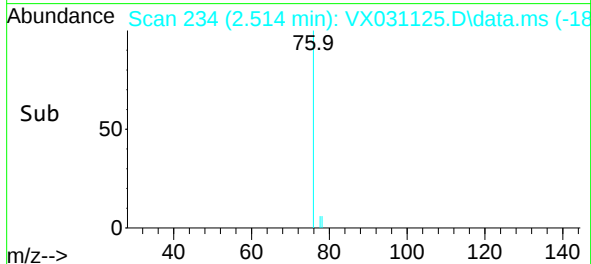
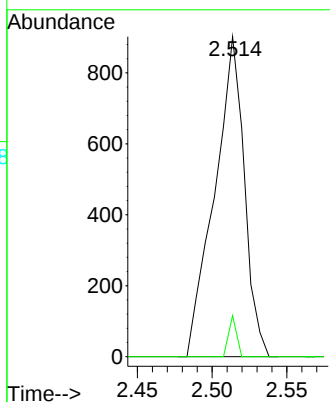
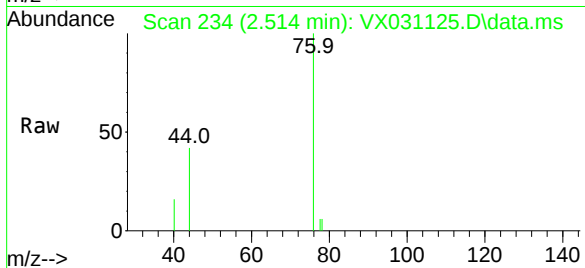
VX0906MBL01

Tgt Ion: 76 Resp: 1245

Ion Ratio Lower Upper

76 100

78 12.9 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031125.D

Acq: 06 Sep 2022 13:53

Tgt Ion: 84 Resp: 504

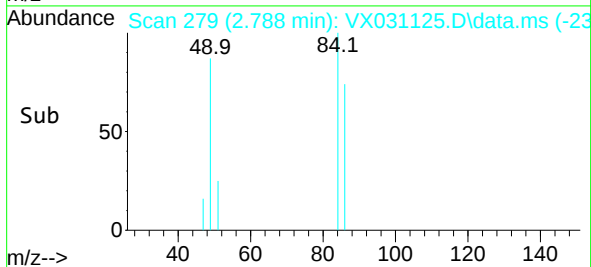
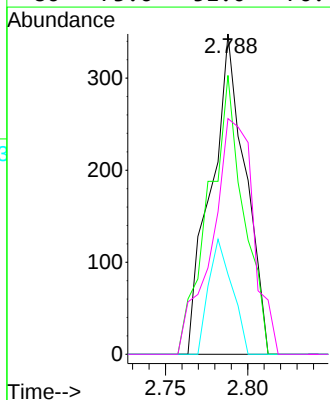
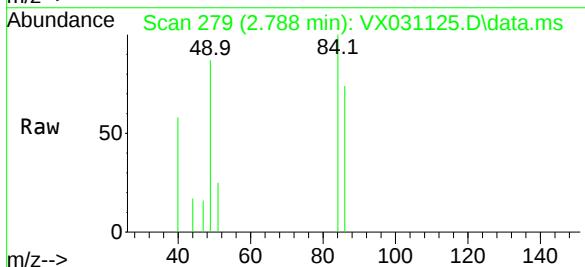
Ion Ratio Lower Upper

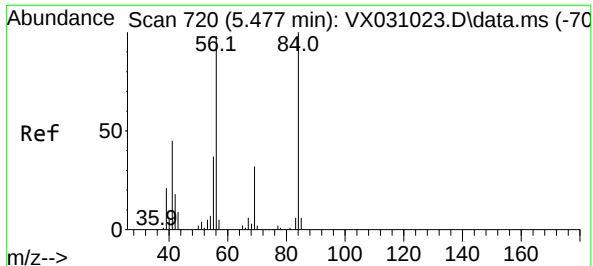
84 100

49 87.1 93.8 140.6#

51 25.0 29.4 44.0#

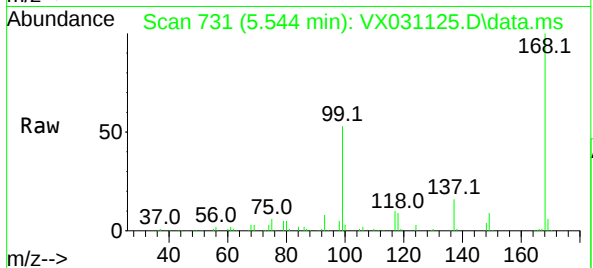
86 73.6 51.0 76.4



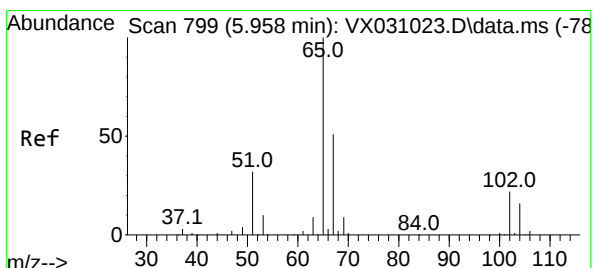
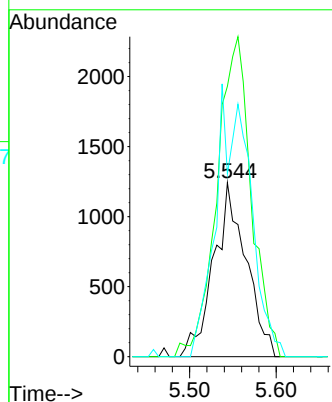
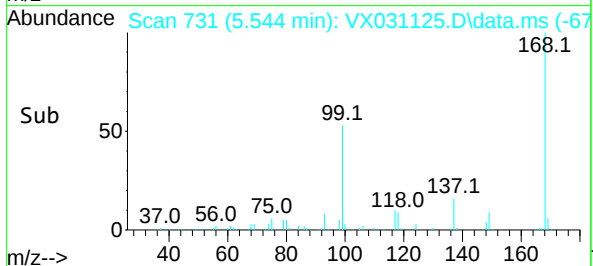


#31
Cyclohexane
Concen: 0.930 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

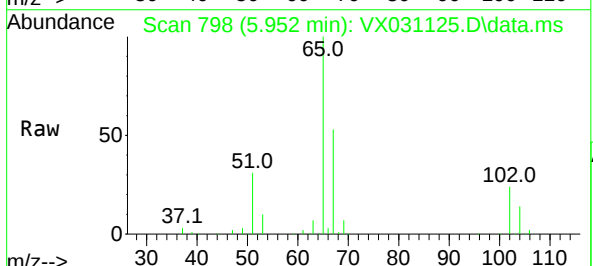
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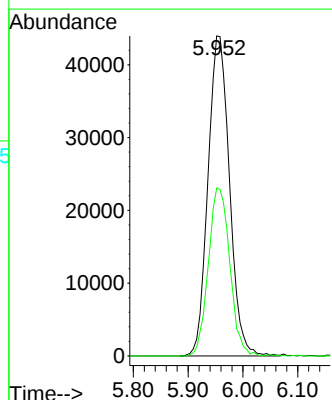
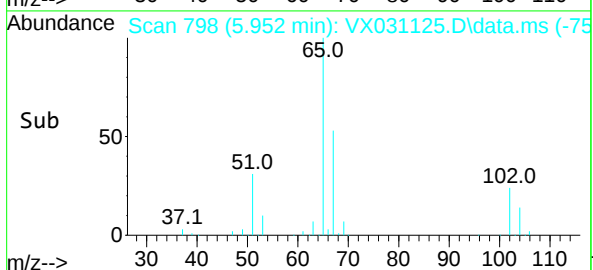
Tgt Ion: 56 Resp: 3219
Ion Ratio Lower Upper
56 100
69 155.3 25.4 38.0#
84 105.0 68.9 103.3#

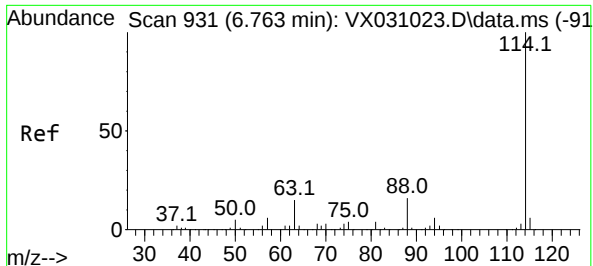


#33
1,2-Dichloroethane-d4
Concen: 47.231 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53



Tgt Ion: 65 Resp: 119673
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6

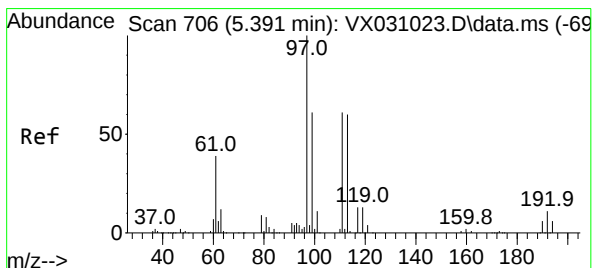
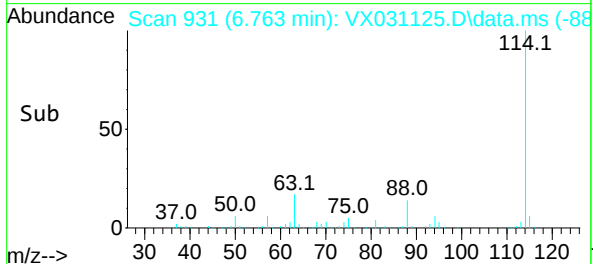
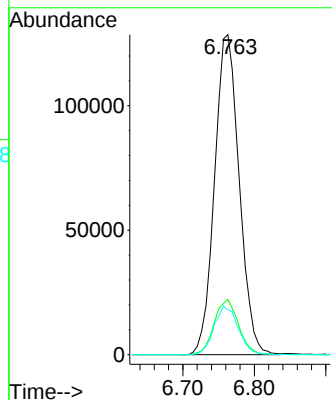
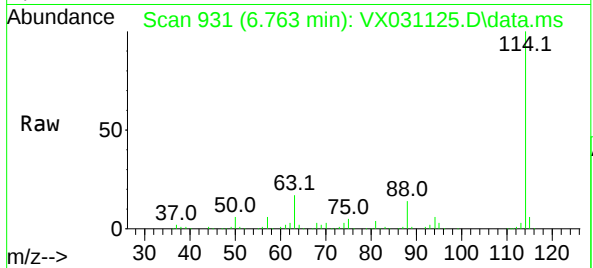




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

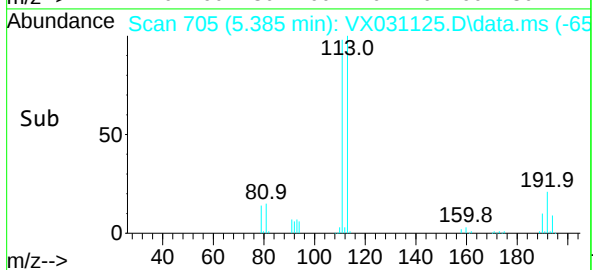
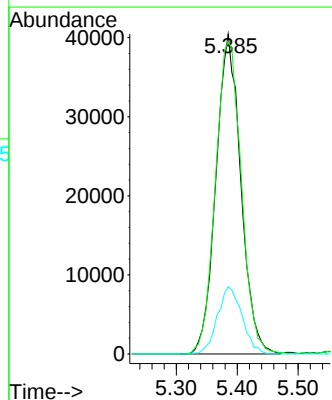
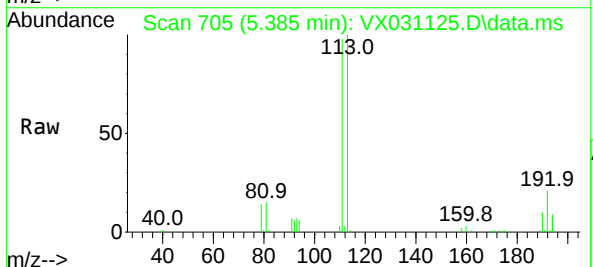
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBL01

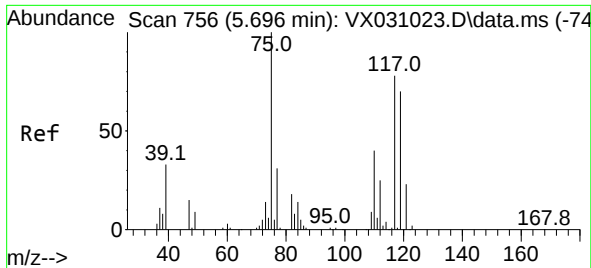
Tgt Ion:114 Resp: 307797
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.4
88 14.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.959 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

Tgt Ion:113 Resp: 114465
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 20.8 14.8 22.2

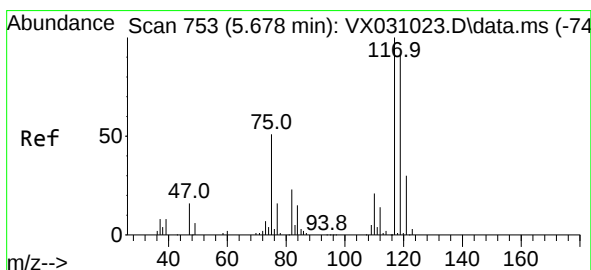
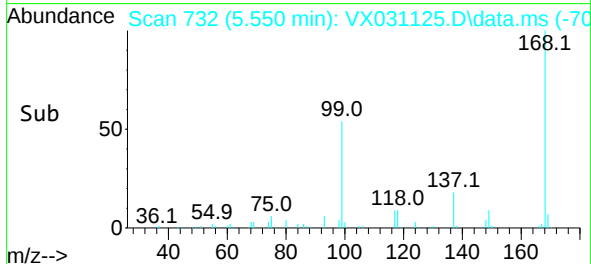
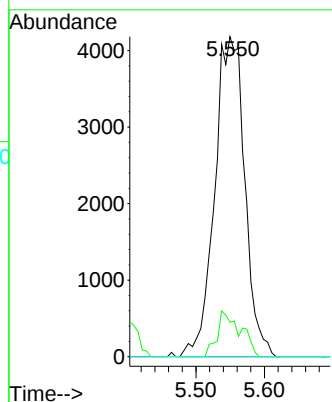
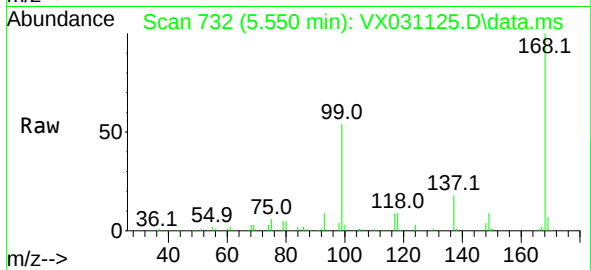




#36
1,1-Dichloropropene
Concen: 4.043 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

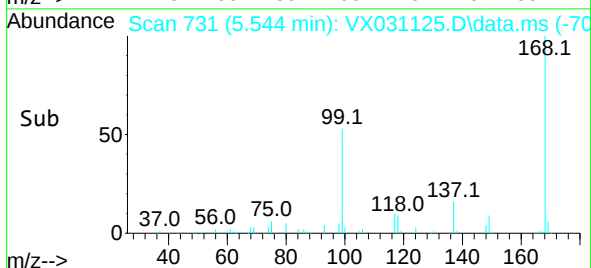
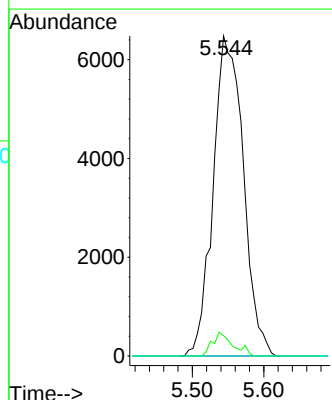
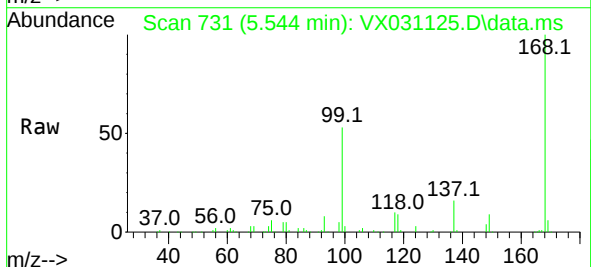
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBL01

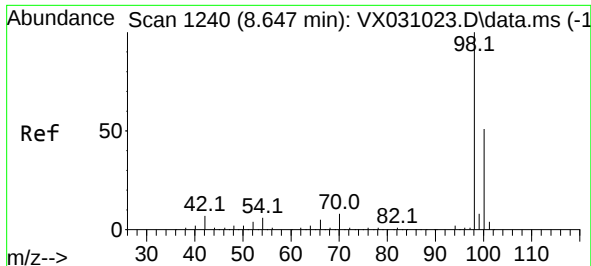
Tgt Ion: 75 Resp: 12719
Ion Ratio Lower Upper
75 100
110 11.1 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.809 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

Tgt Ion: 117 Resp: 18971
Ion Ratio Lower Upper
117 100
119 6.3 74.1 111.1#
121 0.0 25.8 38.8#

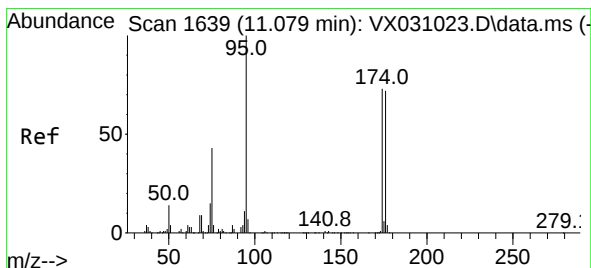
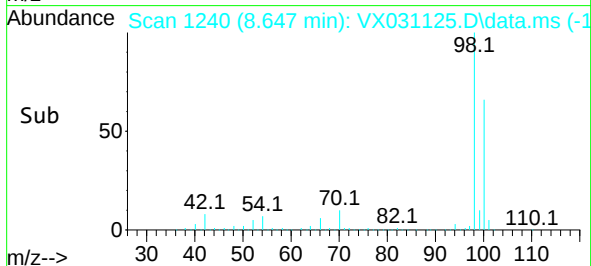
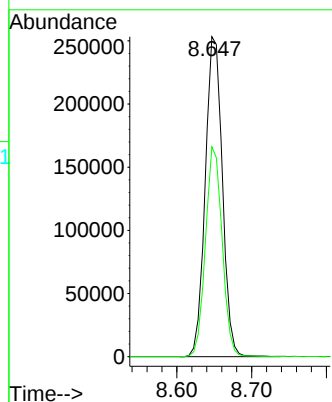
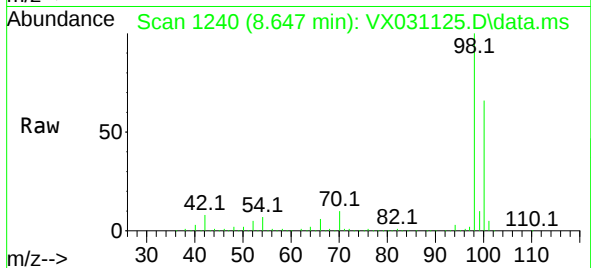




#50
Toluene-d8
Concen: 48.665 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

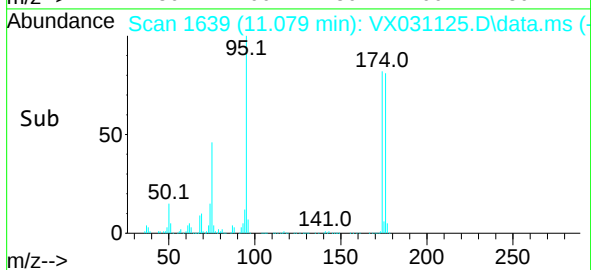
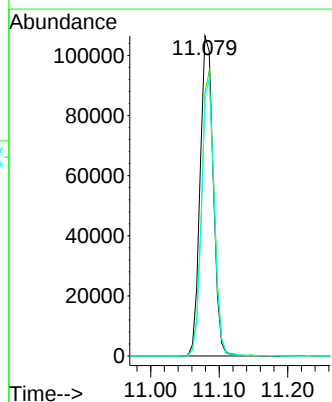
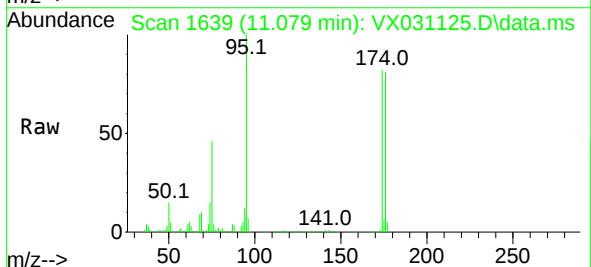
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBL01

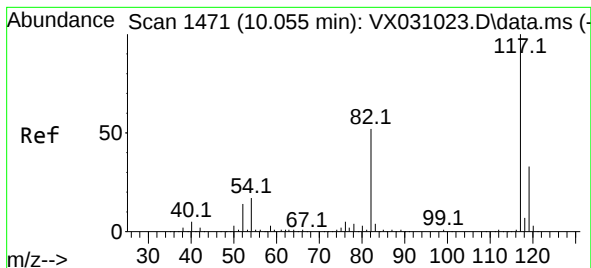
Tgt Ion: 98 Resp: 402308
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

Tgt Ion: 95 Resp: 141768
Ion Ratio Lower Upper
95 100
174 87.0 0.0 149.0
176 83.5 0.0 146.0

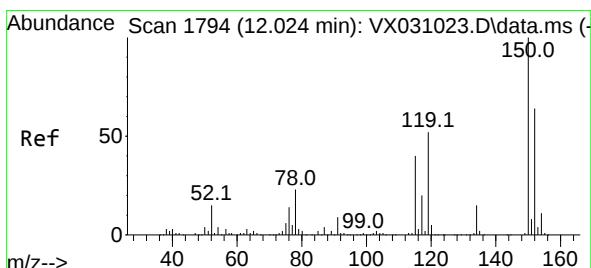
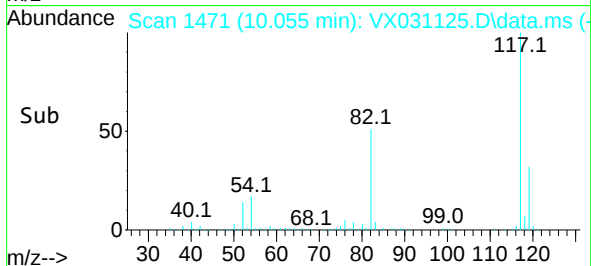
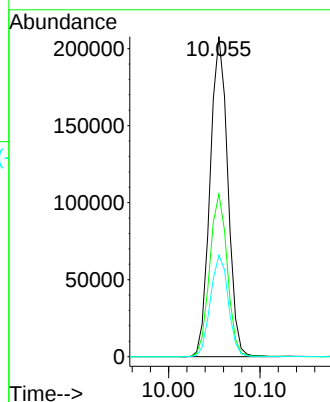
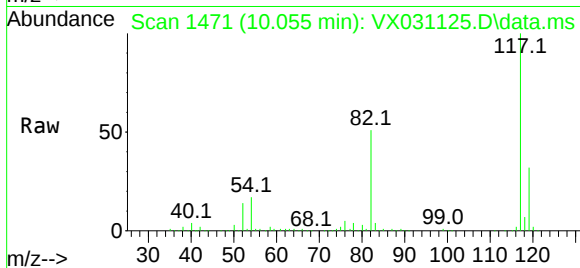




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

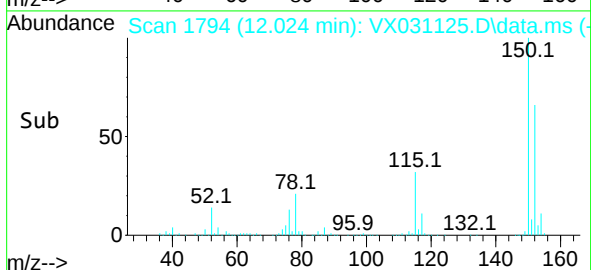
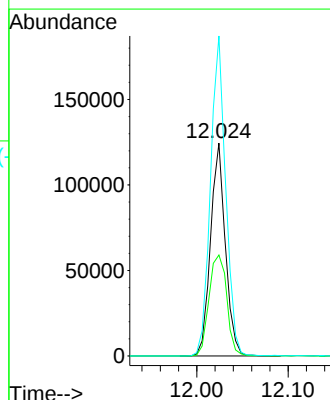
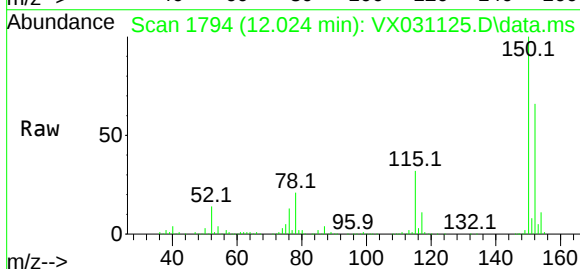
Instrument :
MSVOA_X
ClientSampleId :
VX0906MBL01

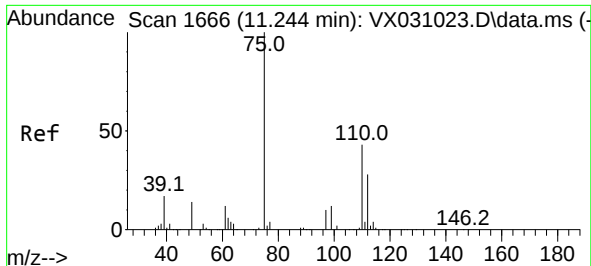
Tgt Ion:117 Resp: 278822
Ion Ratio Lower Upper
117 100
82 50.8 42.7 64.1
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

Tgt Ion:152 Resp: 140181
Ion Ratio Lower Upper
152 100
115 56.8 40.5 121.5
150 153.7 0.0 347.0

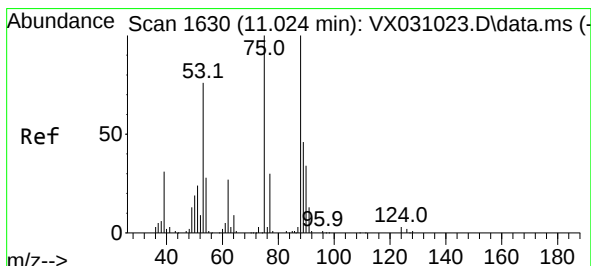
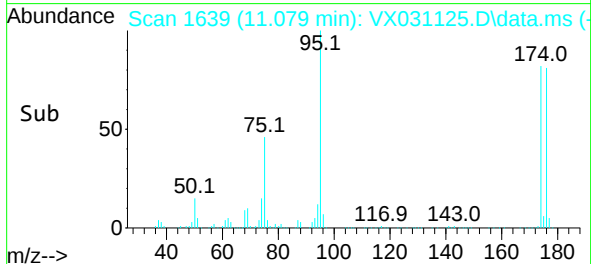
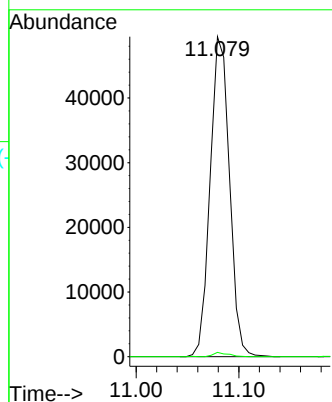
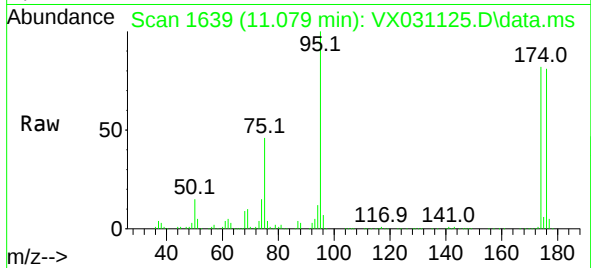




#76
1,2,3-Trichloropropane
Concen: 19.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBL01

Tgt Ion: 75 Resp: 64662
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.325 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX031125.D
Acq: 06 Sep 2022 13:53

Tgt Ion: 75 Resp: 64662
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

