

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031068.D
 Acq On : 02 Sep 2022 15:38
 Operator : JC/MD
 Sample : N4297-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 00:50:13 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)

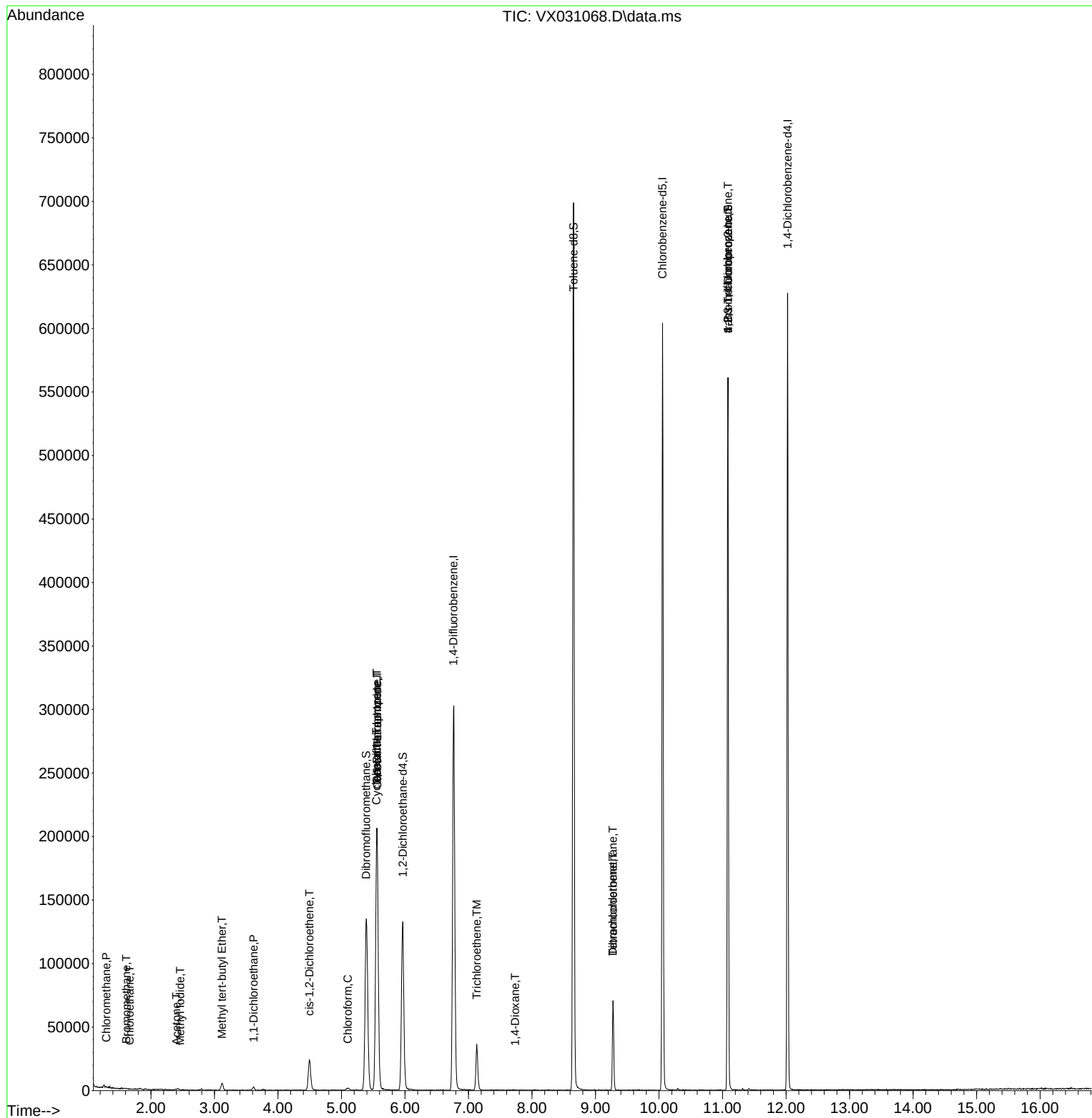
Internal Standards						
1) Pentafluorobenzene	5.556	168	212009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	336698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126867	46.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.020%
35) Dibromofluoromethane	5.385	113	125608	51.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.240%
50) Toluene-d8	8.653	98	445594	49.275	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.085	95	150685	47.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	240	0.814	ug/l	95
5) Bromomethane	1.611	94	239	0.235	ug/l #	47
6) Chloroethane	1.666	64	98	1.797	ug/l #	41
10) Methyl Iodide	2.459	142	167	2.972	ug/l #	76
11) Tert butyl alcohol	2.965	59	20	Below Cal	#	1
16) Acetone	2.398	43	654	0.621	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	6507	0.858	ug/l	93
20) Methylene Chloride	2.800	84	586	Below Cal	#	54
24) 1,1-Dichloroethane	3.617	63	3000	0.676	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	17396	5.663	ug/l	81
30) Chloroform	5.099	83	2354	0.483	ug/l #	75
31) Cyclohexane	5.550	56	2975	0.798	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13220	3.841	ug/l #	50
38) Carbon Tetrachloride	5.562	117	19709	5.517	ug/l #	18
44) Trichloroethene	7.129	130	14729	4.709	ug/l	99
49) 1,4-Dioxane	7.732	88	23	0.320	ug/l #	1
60) Dibromochloromethane	9.275	129	12947	4.577	ug/l #	11
64) Tetrachloroethene	9.275	164	14014	4.621	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	69028	21.147	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	69028	66.459	ug/l #	12

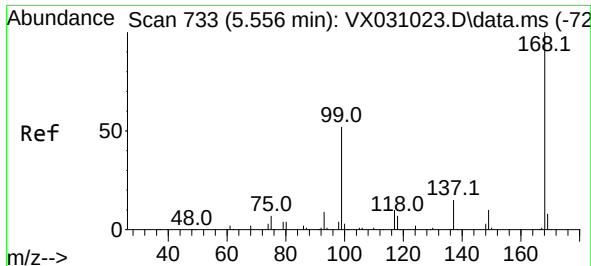
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N4297-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

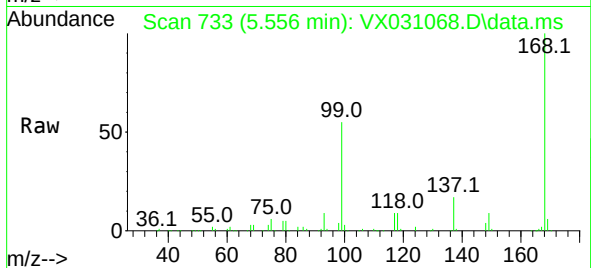
Quant Time: Sep 03 00:50:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration



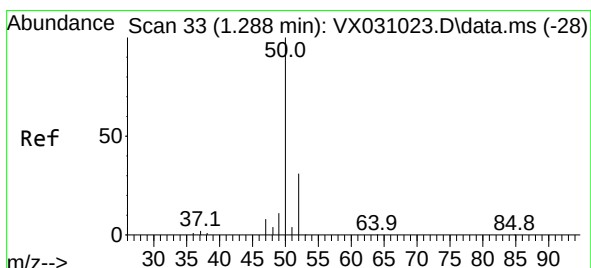
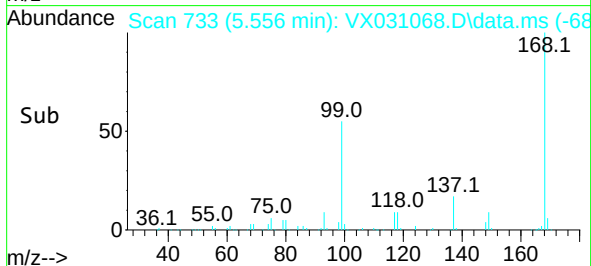
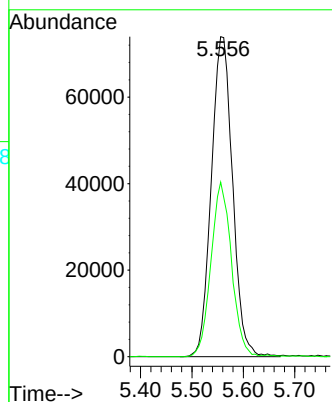


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :

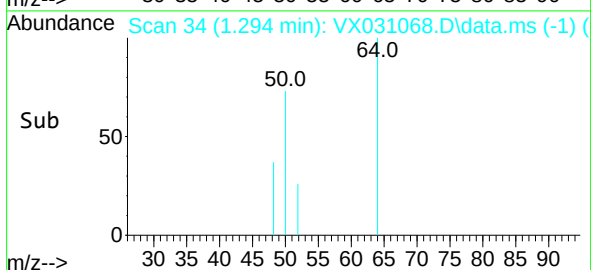
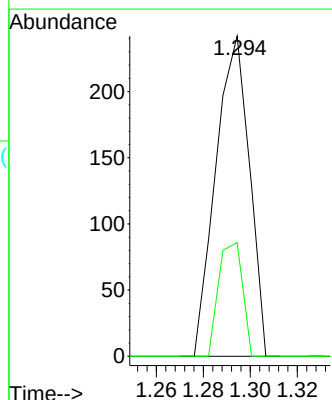
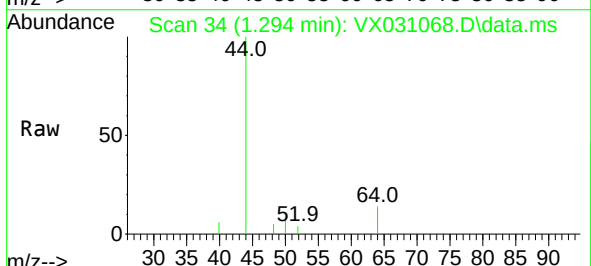


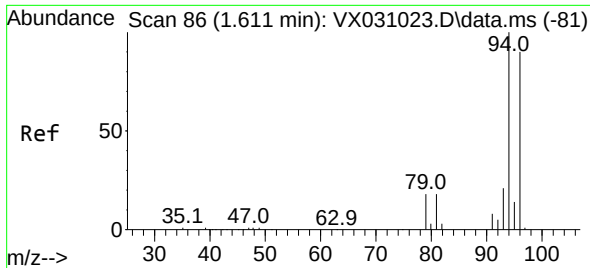
Tgt Ion:168 Resp: 212009
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#3
Chloromethane
Concen: 0.814 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

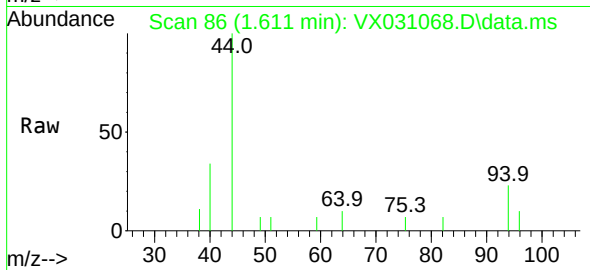
Tgt Ion: 50 Resp: 240
Ion Ratio Lower Upper
50 100
52 35.5 26.3 39.5



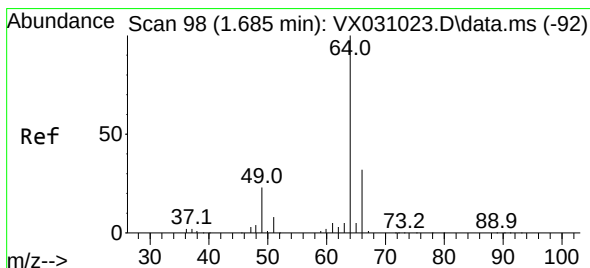
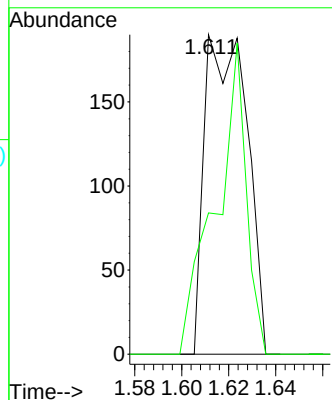
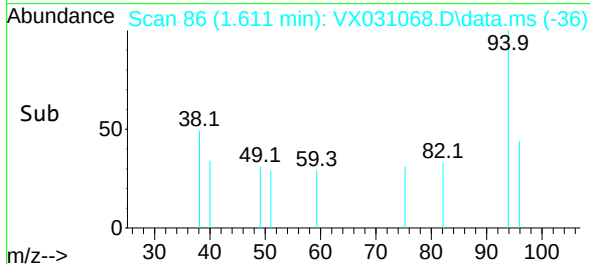


#5
Bromomethane
Concen: 0.235 ug/l
RT: 1.611 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :

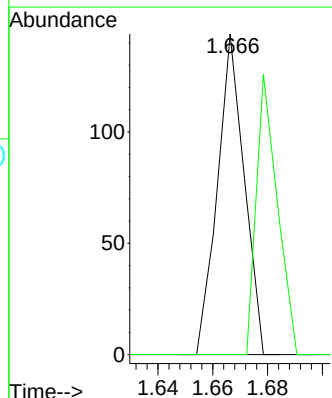
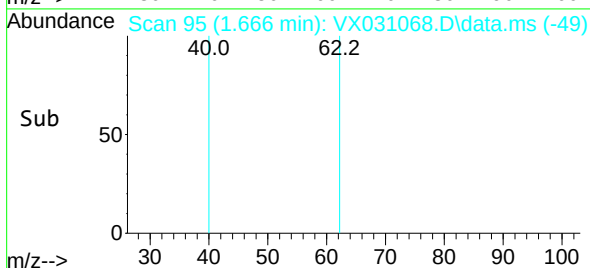
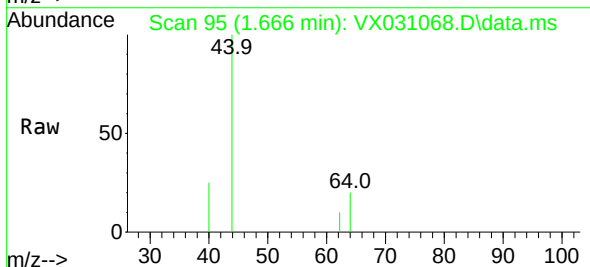


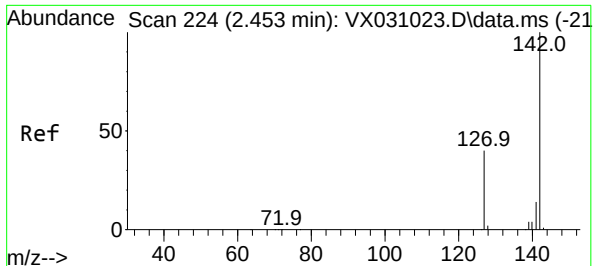
Tgt Ion: 94 Resp: 239
Ion Ratio Lower Upper
94 100
96 44.2 76.9 115.3#



#6
Chloroethane
Concen: 1.797 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

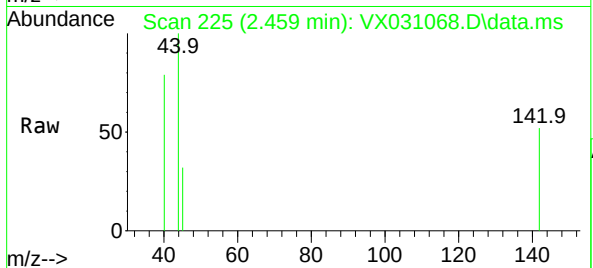
Tgt Ion: 64 Resp: 98
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



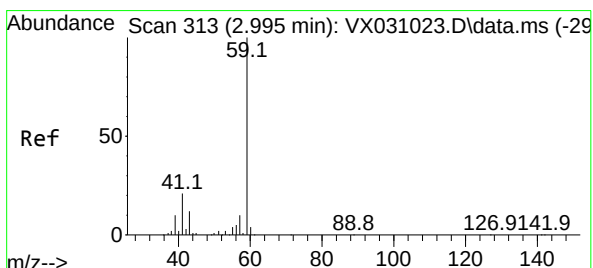
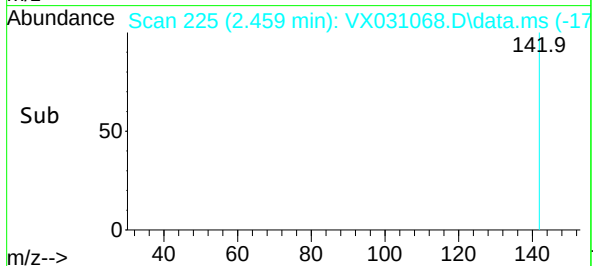
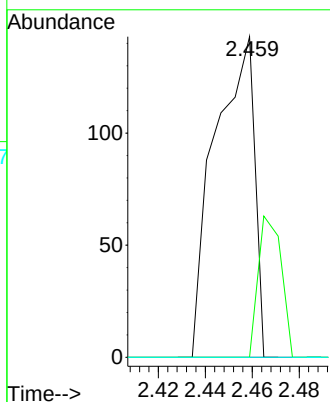


#10
Methyl Iodide
Concen: 2.972 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :

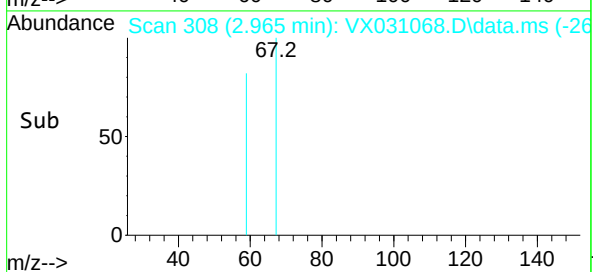
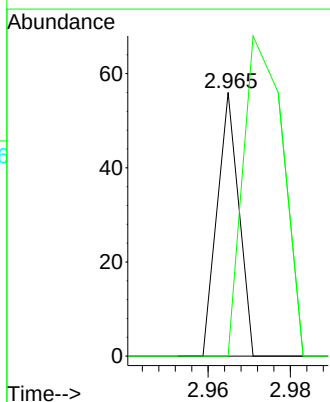
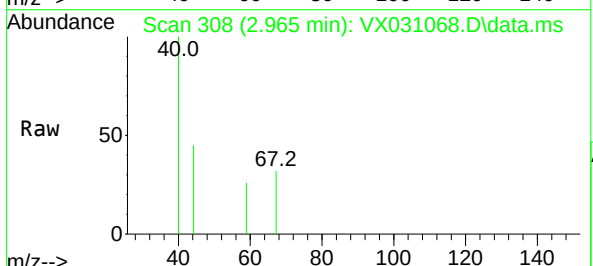


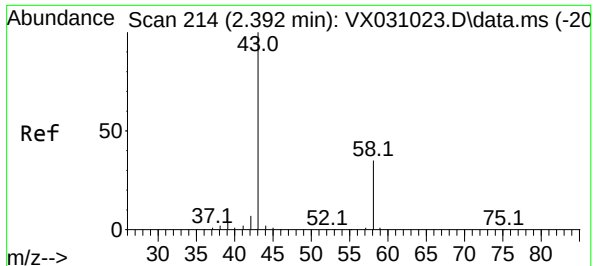
Tgt Ion:142 Resp: 167
Ion Ratio Lower Upper
142 100
127 25.7 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 225.0 7.4 11.2#

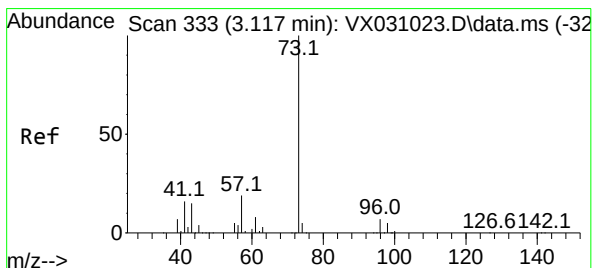
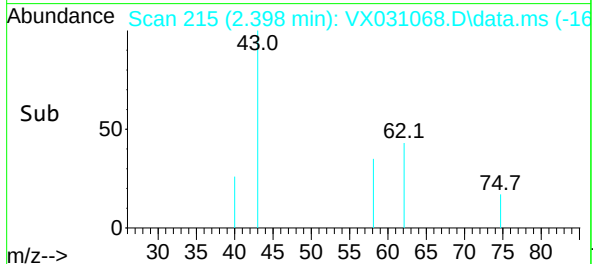
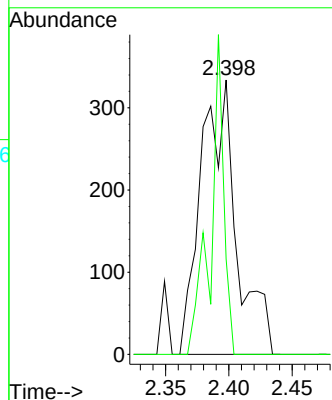
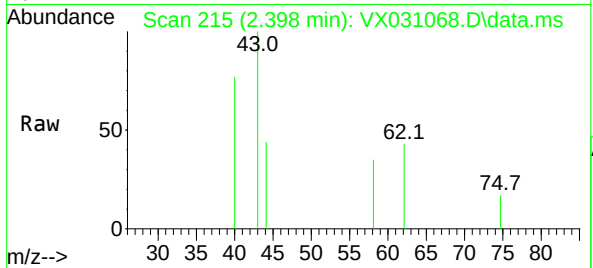




#16
Acetone
Concen: 0.621 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

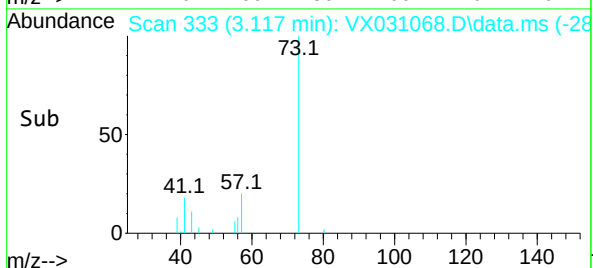
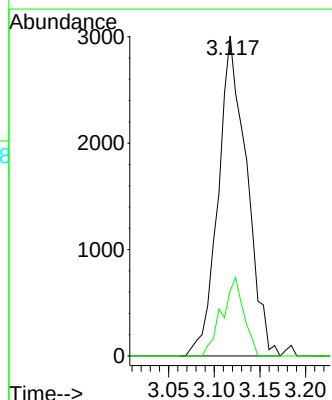
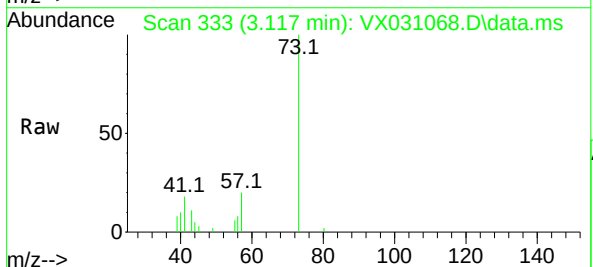
Instrument :
MSVOA_X
ClientSampleId :

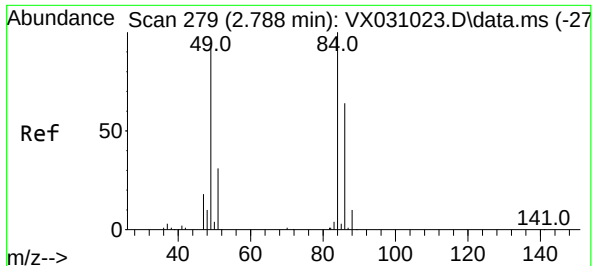
Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 34.7 27.7 41.5



#19
Methyl tert-butyl Ether
Concen: 0.858 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

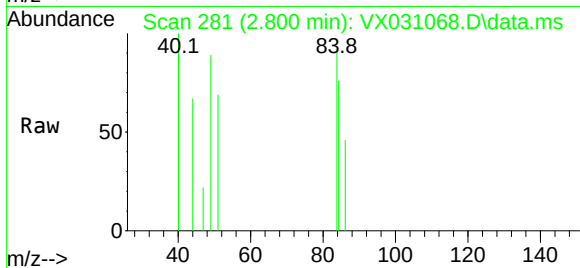
Tgt Ion: 73 Resp: 6507
Ion Ratio Lower Upper
73 100
57 20.4 19.0 28.6



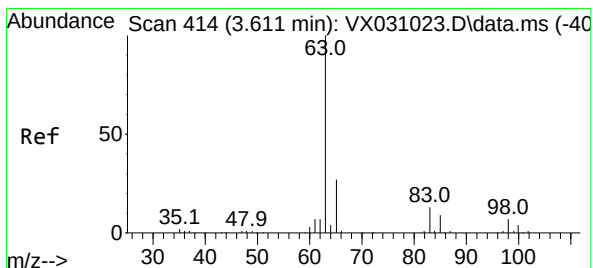
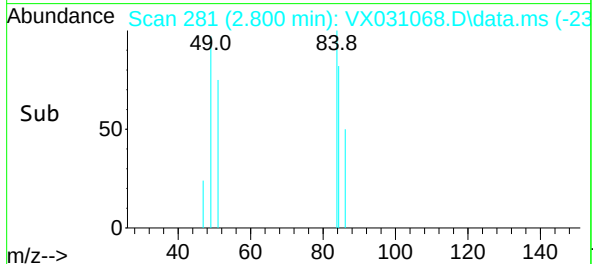
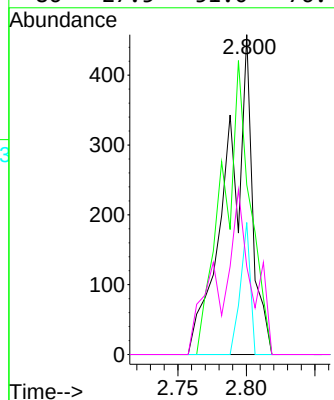


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :

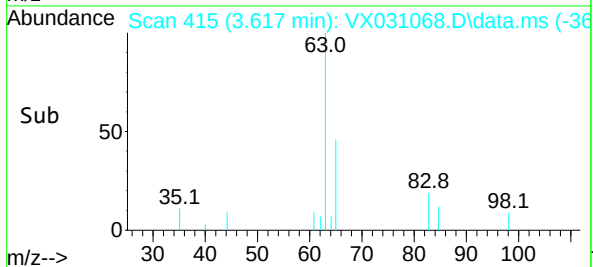
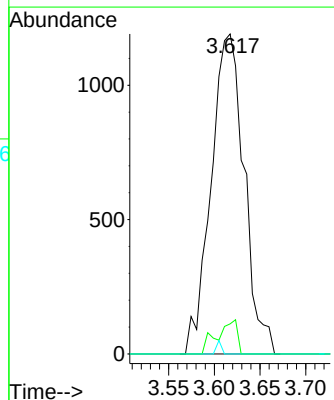
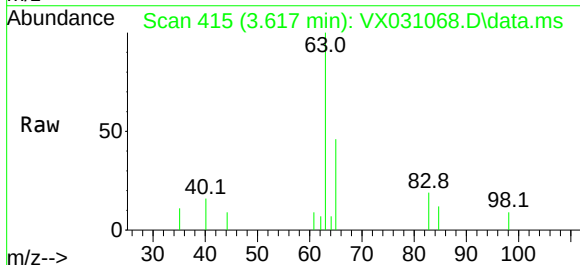


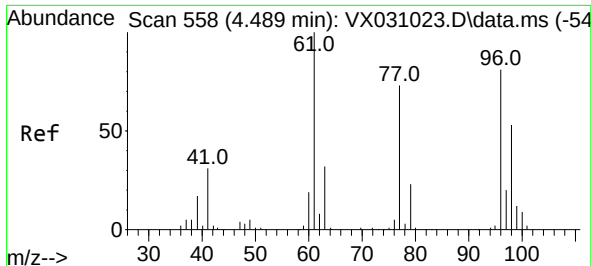
Tgt Ion:	84	Resp:	586
Ion	Ratio	Lower	Upper
84	100		
49	53.1	93.8	140.6#
51	41.3	29.4	44.0
86	27.5	51.0	76.4#



#24
1,1-Dichloroethane
Concen: 0.676 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion:	63	Resp:	3000
Ion	Ratio	Lower	Upper
63	100		
98	9.4	3.5	10.5
100	0.0	2.3	6.9#





#27

cis-1,2-Dichloroethene

Concen: 5.663 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

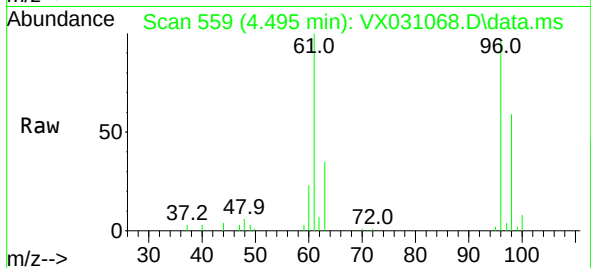
Lab File: VX031068.D

Acq: 02 Sep 2022 15:38

Instrument :

MSVOA_X

ClientSampleId :



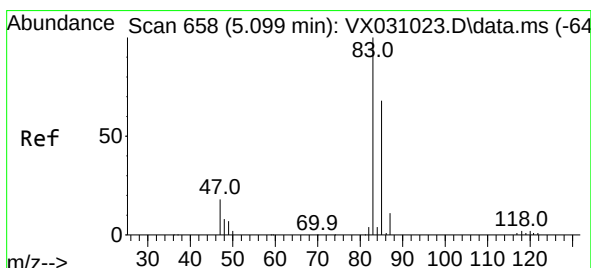
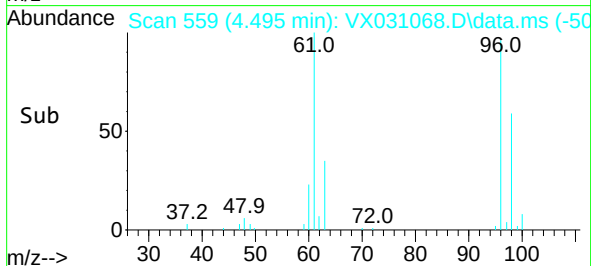
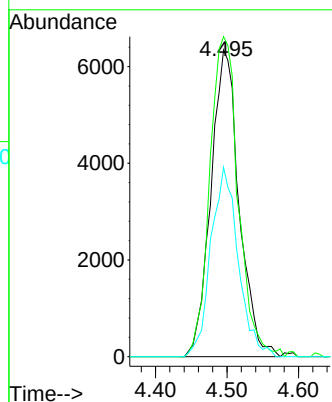
Tgt Ion: 96 Resp: 17396

Ion Ratio Lower Upper

96 100

61 105.3 0.0 270.0

98 59.8 0.0 127.8



#30

Chloroform

Concen: 0.483 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX031068.D

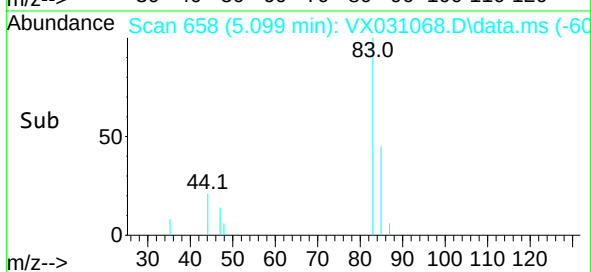
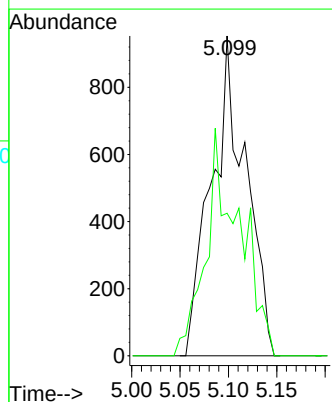
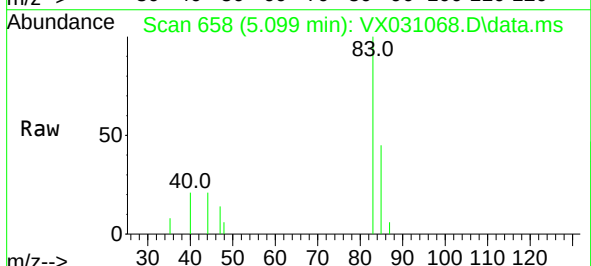
Acq: 02 Sep 2022 15:38

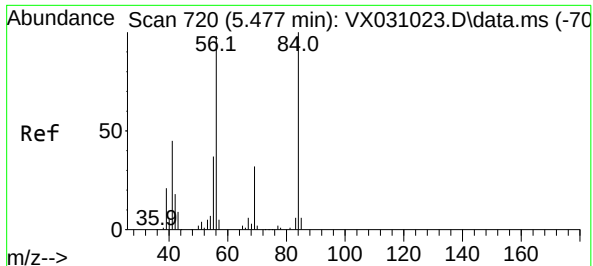
Tgt Ion: 83 Resp: 2354

Ion Ratio Lower Upper

83 100

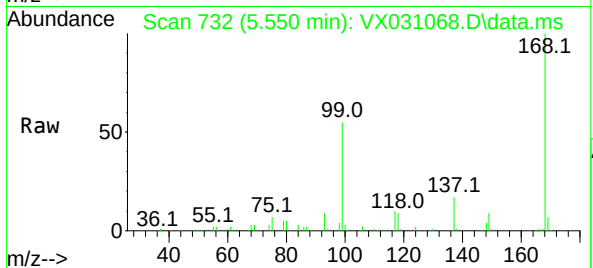
85 44.6 51.5 77.3#



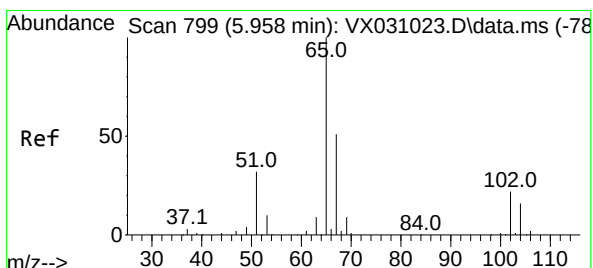
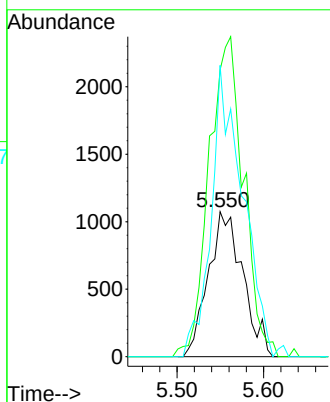
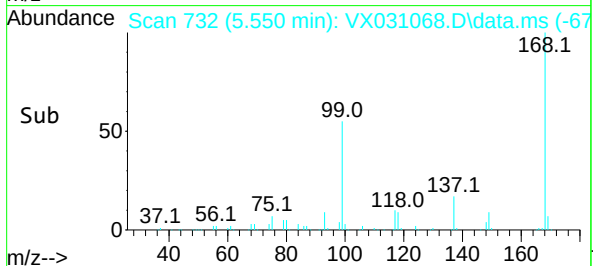


#31
Cyclohexane
Concen: 0.798 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :

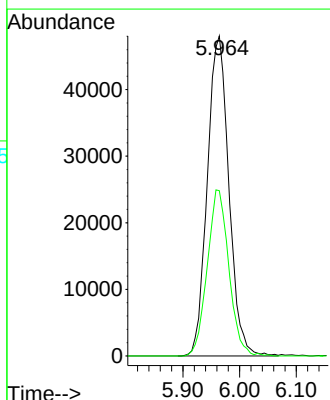
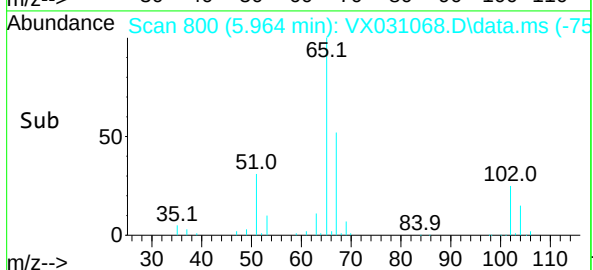
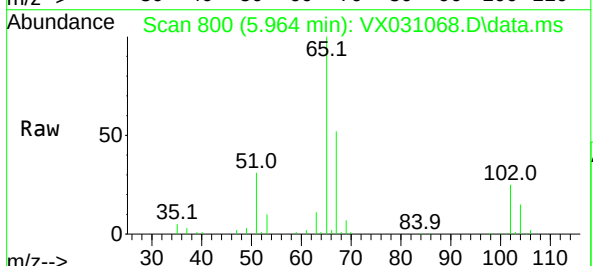


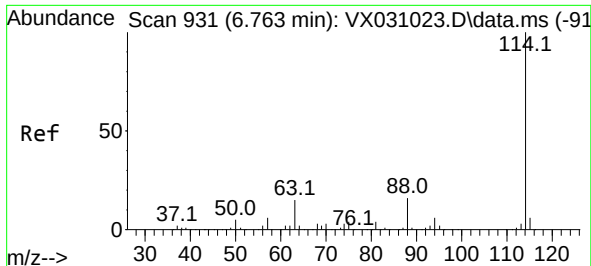
Tgt Ion: 56 Resp: 2975
Ion Ratio Lower Upper
56 100
69 198.0 25.4 38.0#
84 201.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.507 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion: 65 Resp: 126867
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

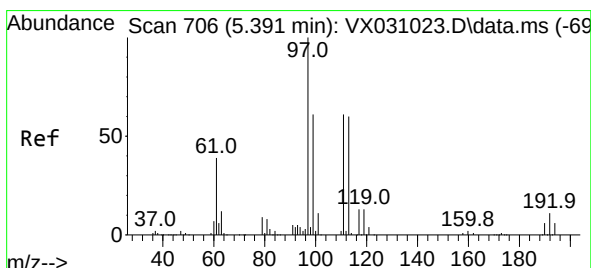
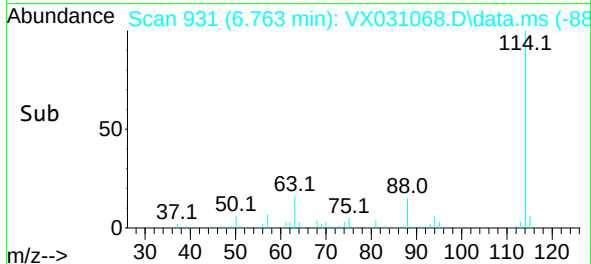
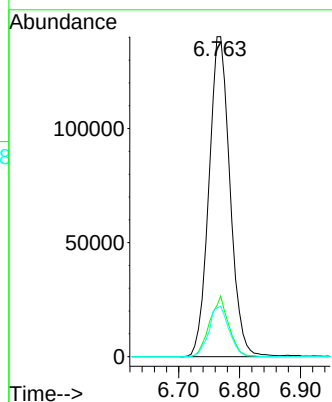
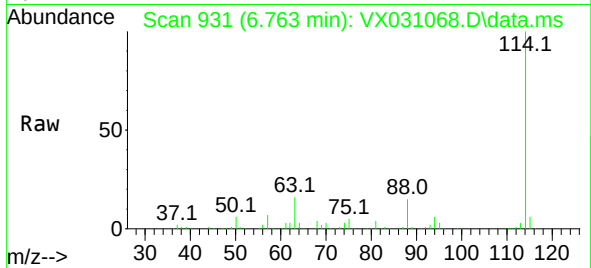




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

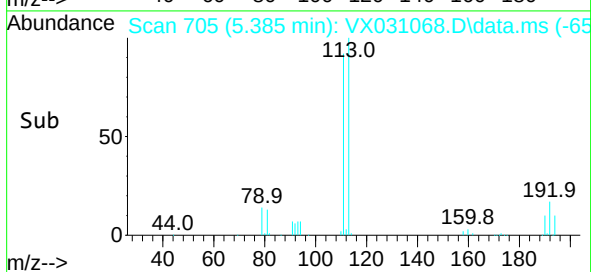
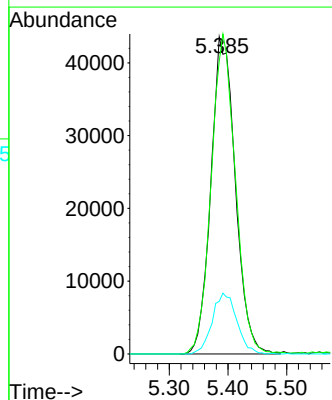
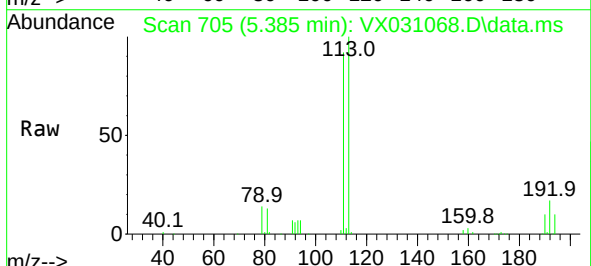
Instrument :
MSVOA_X
ClientSampleId :

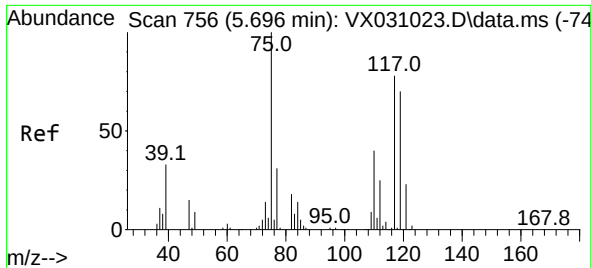
Tgt Ion:114 Resp: 336698
Ion Ratio Lower Upper
114 100
63 16.1 0.0 38.4
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.120 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

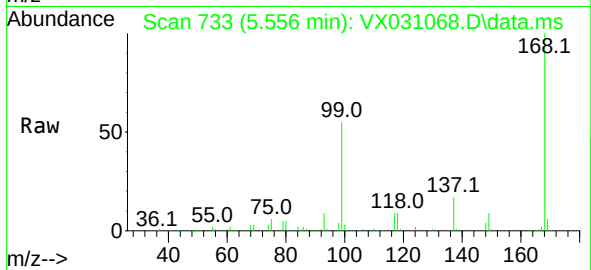
Tgt Ion:113 Resp: 125608
Ion Ratio Lower Upper
113 100
111 100.2 83.2 124.8
192 19.3 14.8 22.2



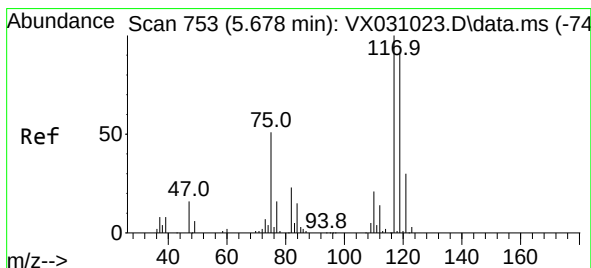
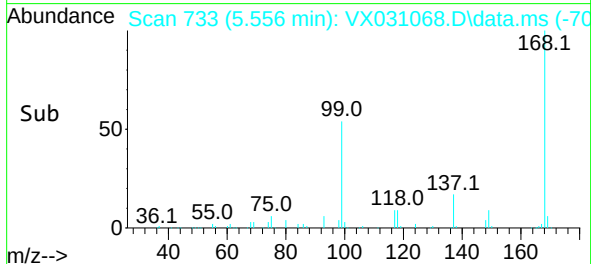
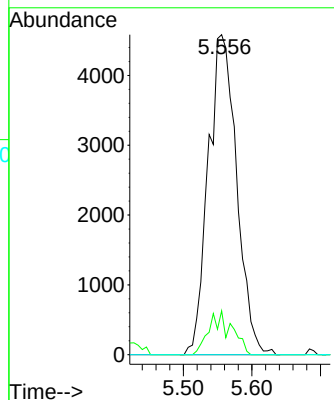


#36
1,1-Dichloropropene
Concen: 3.841 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :

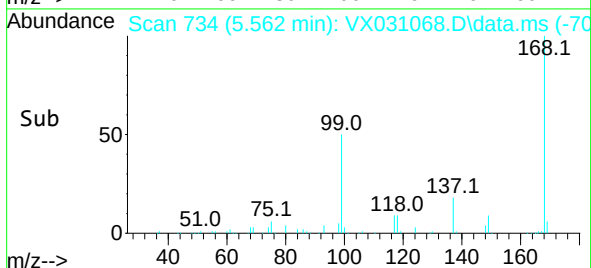
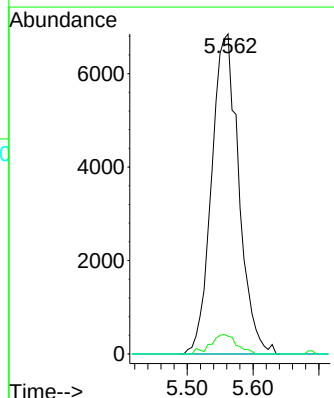
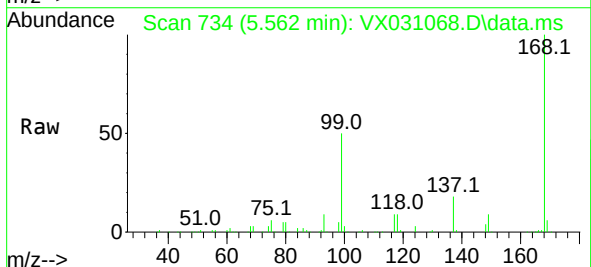


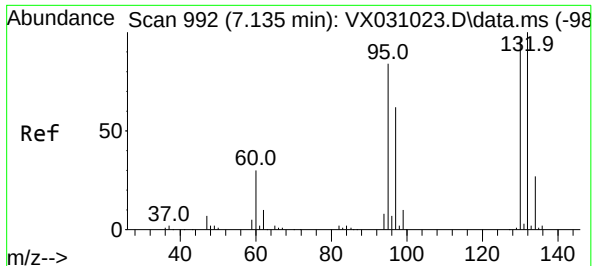
Tgt Ion: 75 Resp: 13220
Ion Ratio Lower Upper
75 100
110 10.9 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.517 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion: 117 Resp: 19709
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.8 38.8#

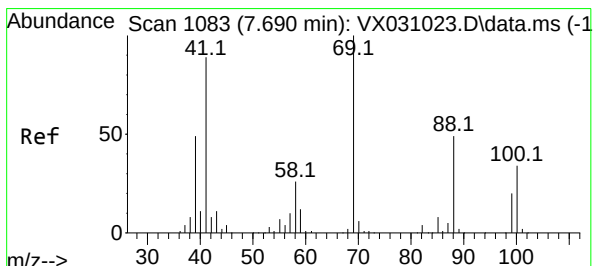
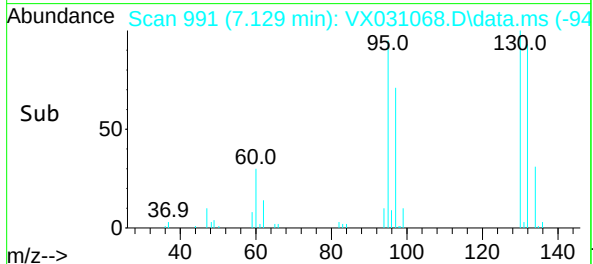
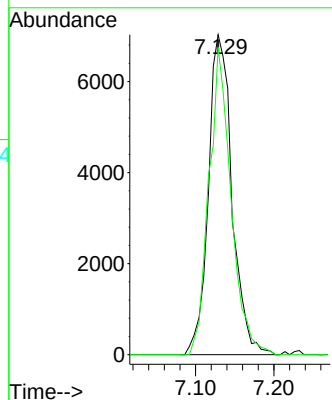
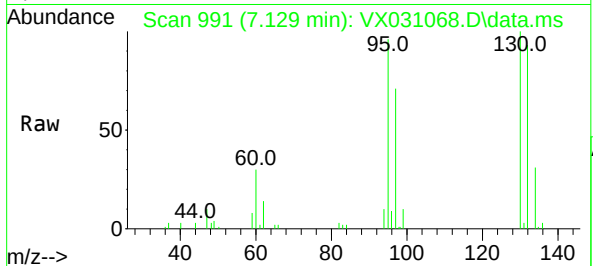




#44
Trichloroethene
Concen: 4.709 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

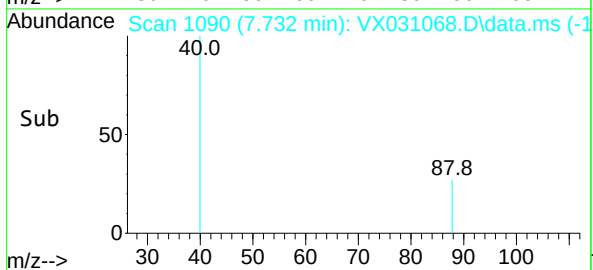
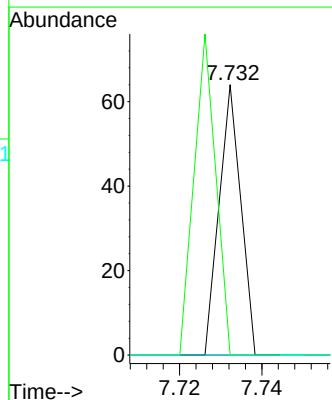
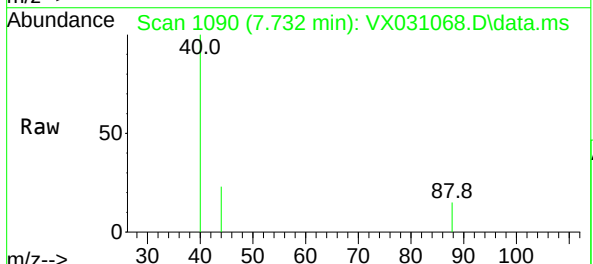
Instrument :
MSVOA_X
ClientSampleId :

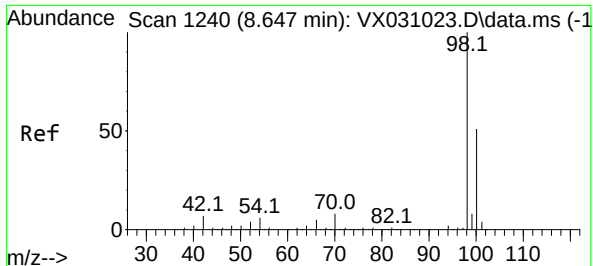
Tgt Ion:130 Resp: 14729
Ion Ratio Lower Upper
130 100
95 96.0 0.0 194.8



#49
1,4-Dioxane
Concen: 0.320 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.055 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 121.7 23.8 35.8#
58 0.0 53.8 80.6#

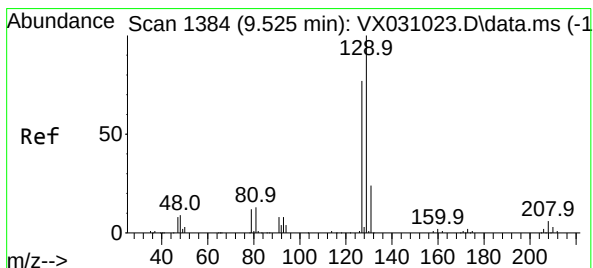
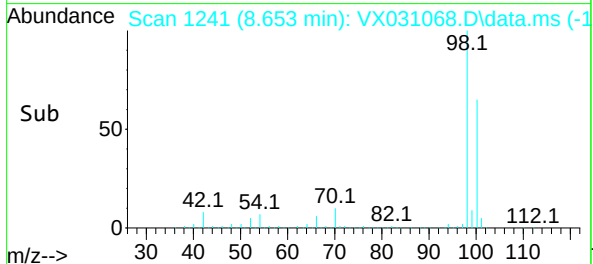
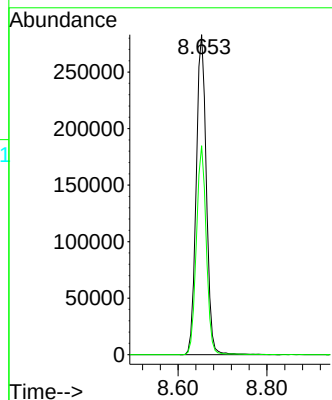
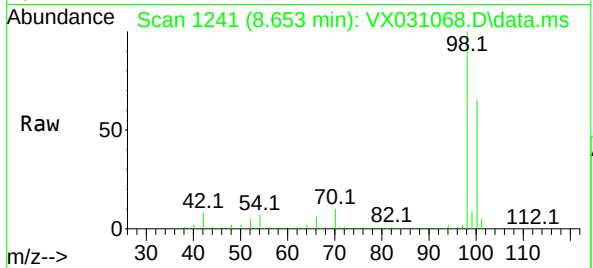




#50
Toluene-d8
Concen: 49.275 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

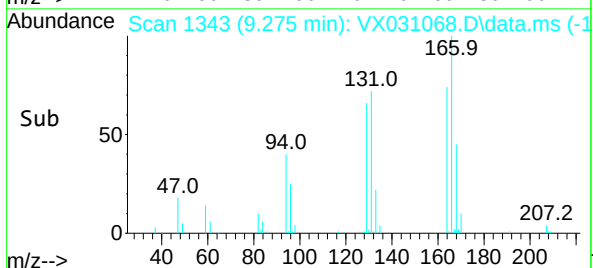
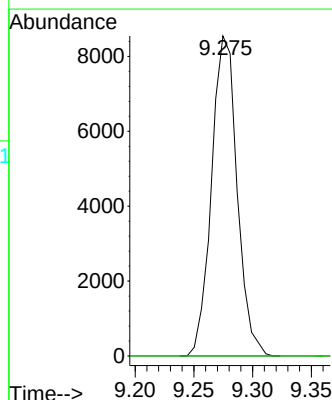
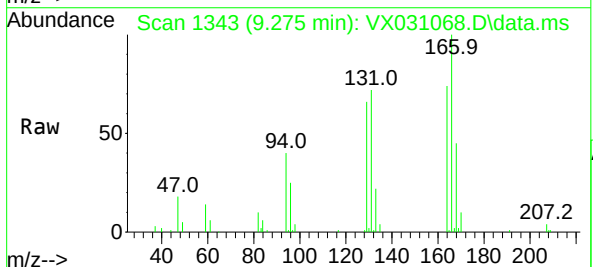
Instrument :
MSVOA_X
ClientSampleId :

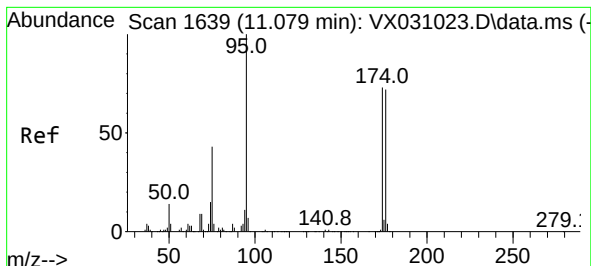
Tgt Ion: 98 Resp: 445594
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#60
Dibromochloromethane
Concen: 4.577 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion: 129 Resp: 12947
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

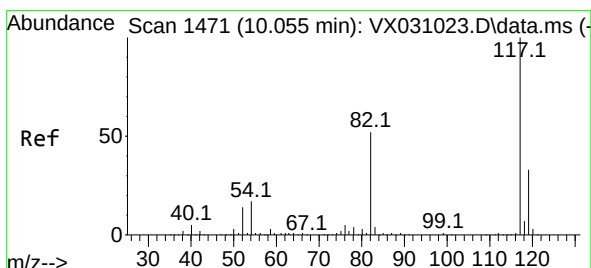
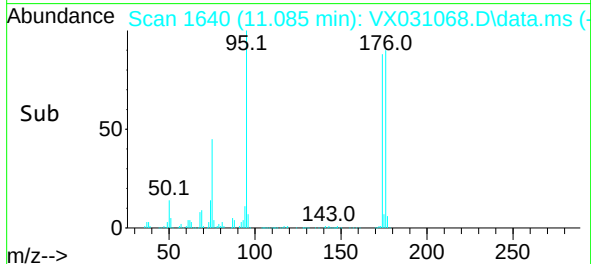
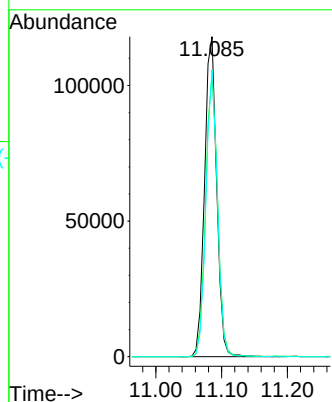
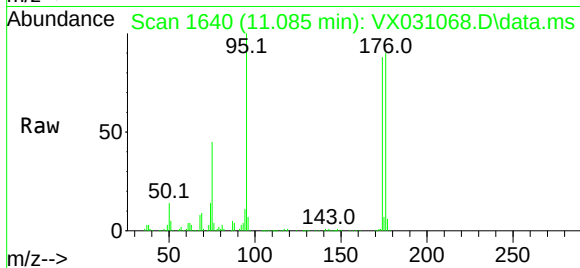




#62
4-Bromofluorobenzene
Concen: 47.178 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

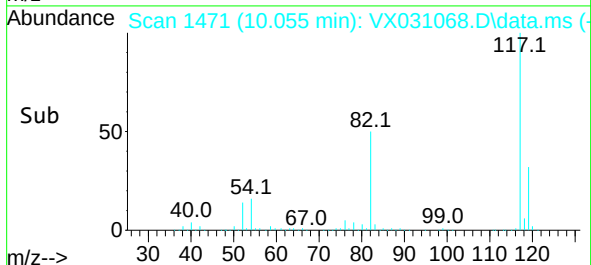
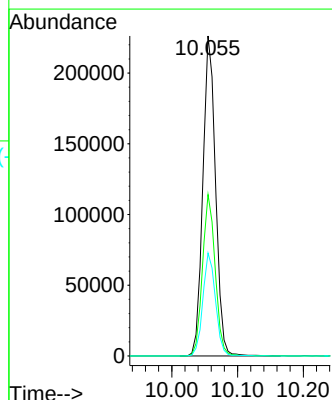
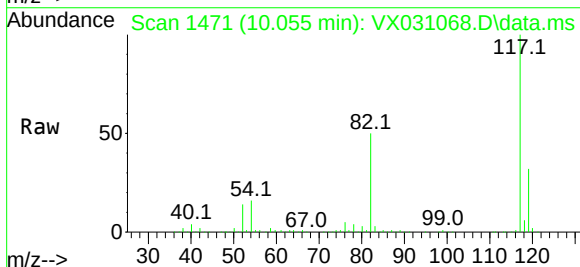
Instrument :
MSVOA_X
ClientSampleId :

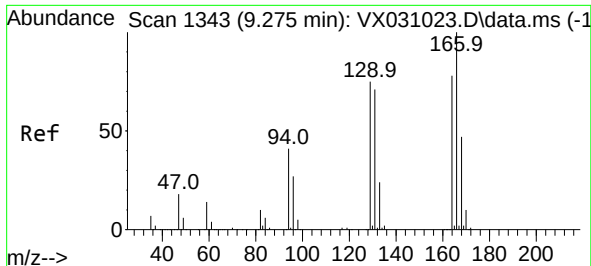
Tgt Ion: 95 Resp: 150685
Ion Ratio Lower Upper
95 100
174 87.8 0.0 149.0
176 85.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

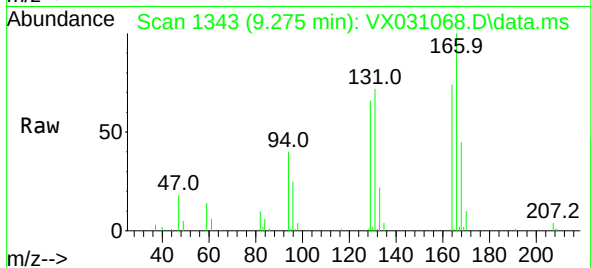
Tgt Ion: 117 Resp: 303716
Ion Ratio Lower Upper
117 100
82 50.5 42.7 64.1
119 32.1 25.4 38.2



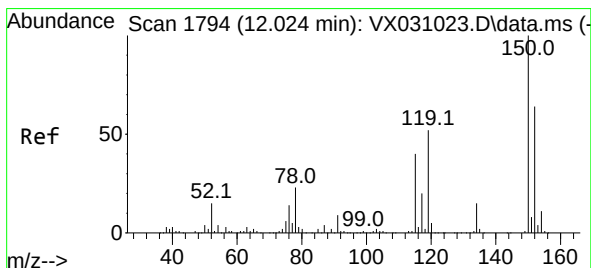
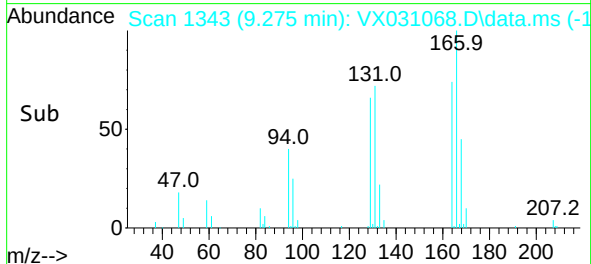
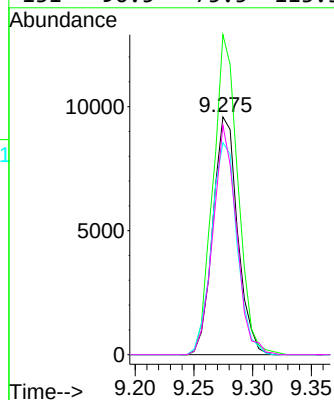


#64
Tetrachloroethene
Concen: 4.621 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :

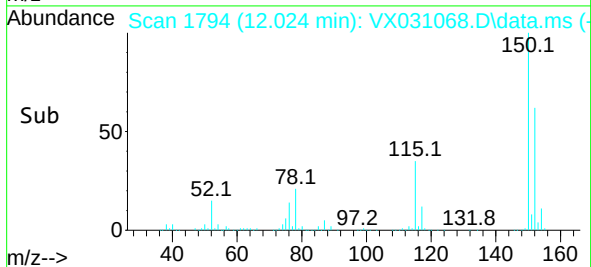
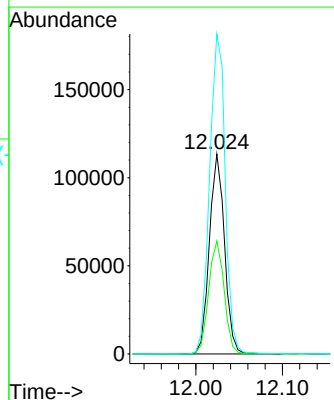
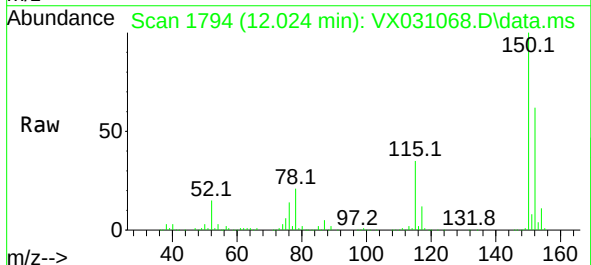


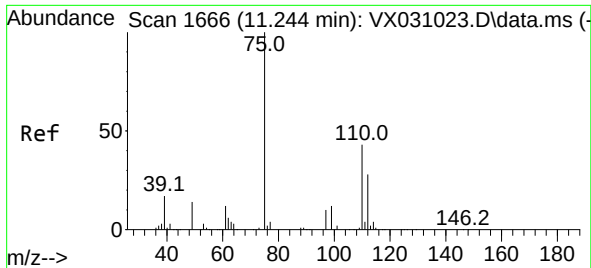
Tgt Ion:164	Resp:	14014
Ion	Ratio	Lower Upper
164	100	
166	134.6	98.2 147.4
129	89.2	80.8 121.2
131	96.5	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion:152	Resp:	138086
Ion	Ratio	Lower Upper
152	100	
115	57.7	40.5 121.5
150	164.3	0.0 347.0

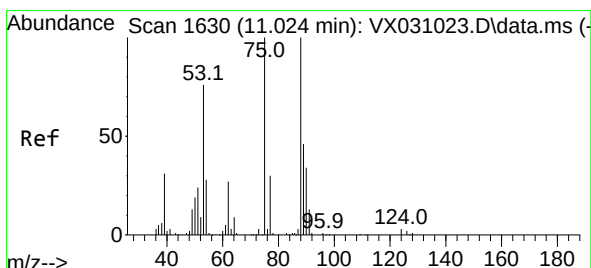
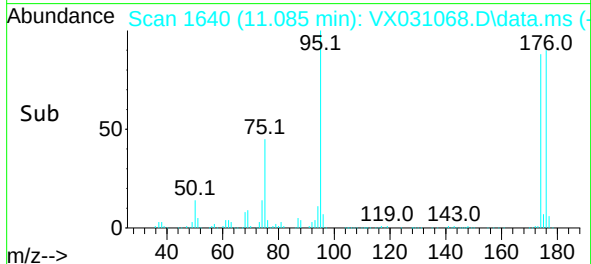
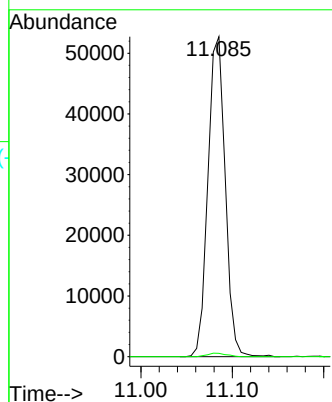
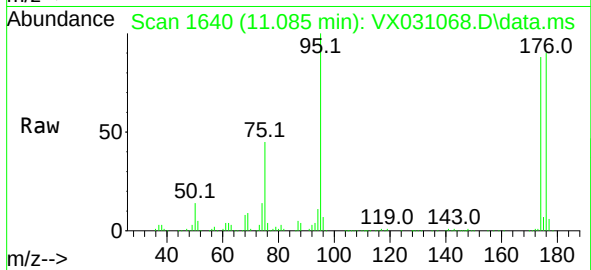




#76
1,2,3-Trichloropropane
Concen: 21.147 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 69028
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.459 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion: 75 Resp: 69028
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

