

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030081.D
 Acq On : 15 Jul 2022 10:23
 Operator : JC/MD
 Sample : VX0715MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715MBL01

Quant Time: Jul 16 06:00:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	173746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	304849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100902	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102590	48.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.020%
35) Dibromofluoromethane	5.391	113	91037	46.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.500%
50) Toluene-d8	8.647	98	349405	47.704	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.400%
62) 4-Bromofluorobenzene	11.079	95	106782	42.011	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.020%

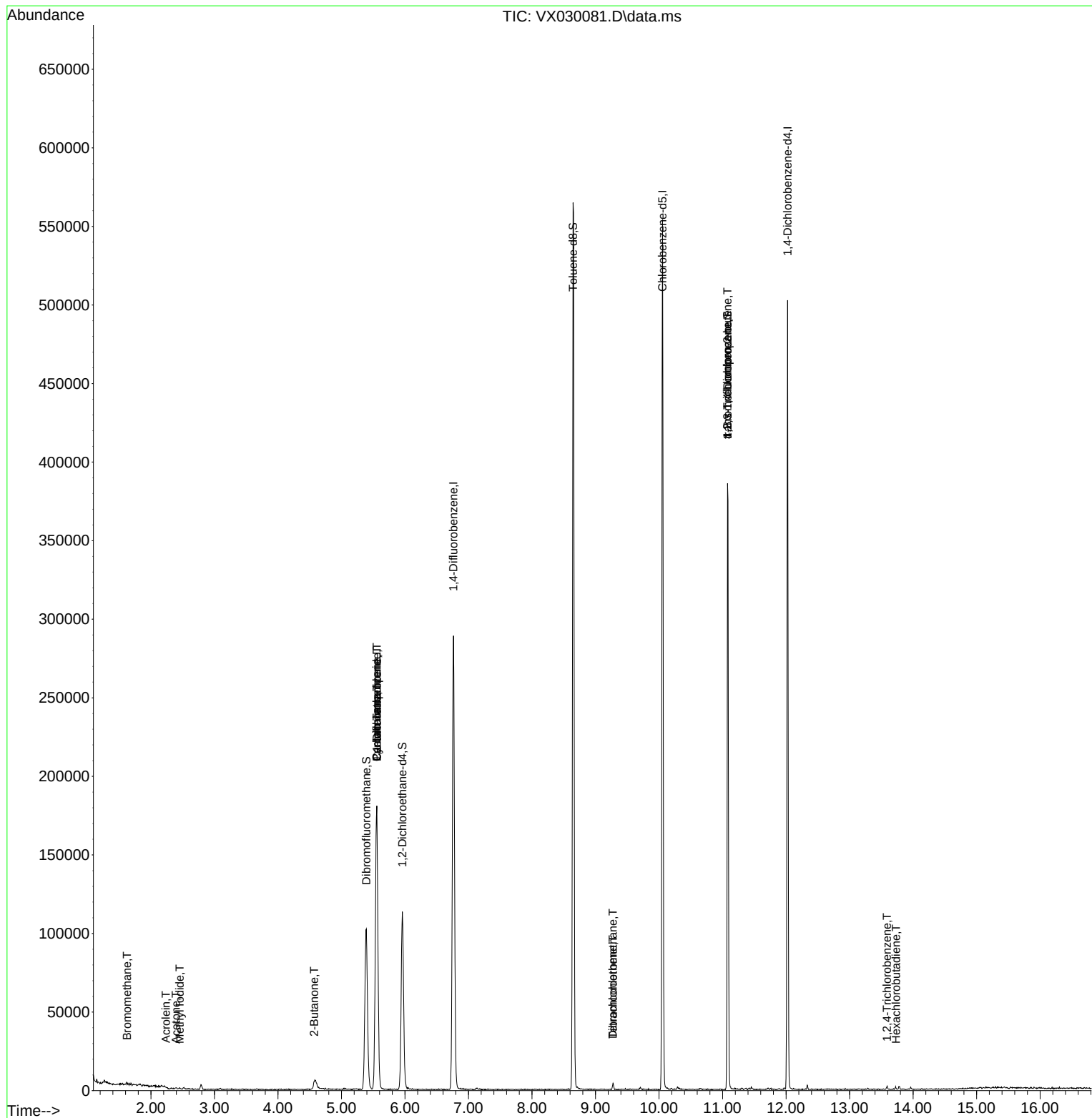
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	474	Below Cal	#	63
5) Bromomethane	1.624	94	296	0.346	ug/l	87
10) Methyl Iodide	2.453	142	726	2.805	ug/l #	81
13) Acrolein	2.233	56	75	0.690	ug/l #	5
16) Acetone	2.392	43	963	0.966	ug/l #	87
17) Carbon Disulfide	2.514	76	1252	Below Cal	#	74
20) Methylene Chloride	2.788	84	1330	Below Cal	#	76
25) 2-Butanone	4.568	43	743	0.438	ug/l #	48
31) Cyclohexane	5.556	56	3907	1.274	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13892	5.522	ug/l #	48
38) Carbon Tetrachloride	5.556	117	17171	7.320	ug/l #	19
60) Dibromochloromethane	9.275	129	595	0.295	ug/l #	11
64) Tetrachloroethene	9.275	164	650	0.313	ug/l #	61
76) 1,2,3-Trichloropropane	11.079	75	51759	22.310	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51759	64.387	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.591	180	475	0.234	ug/l	98
94) Hexachlorobutadiene	13.731	225	312	0.386	ug/l #	60

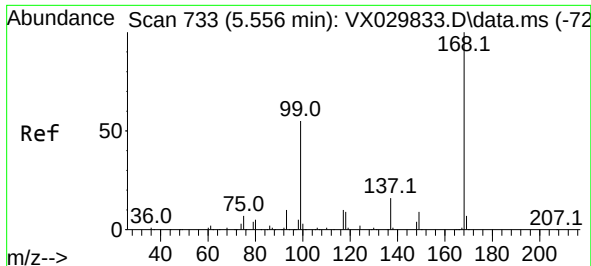
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
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Instrument :
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ClientSampleId :
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Quant Time: Jul 16 06:00:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

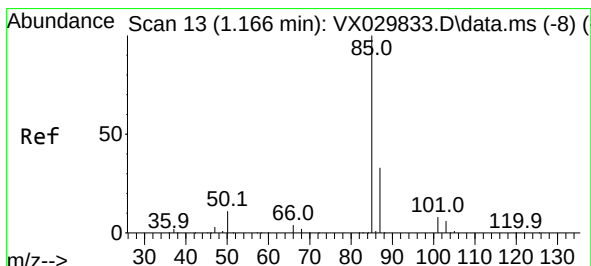
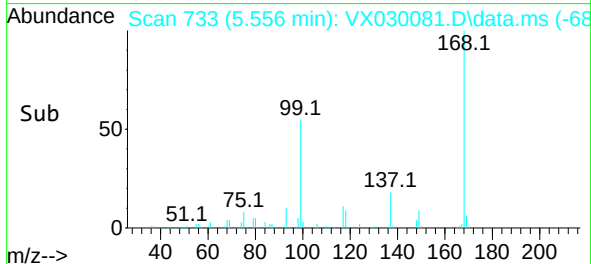
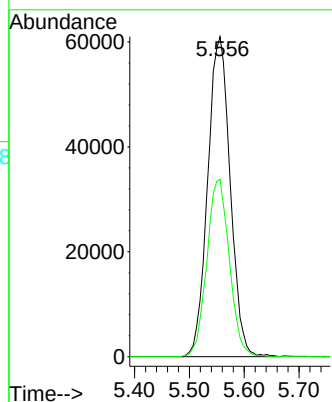
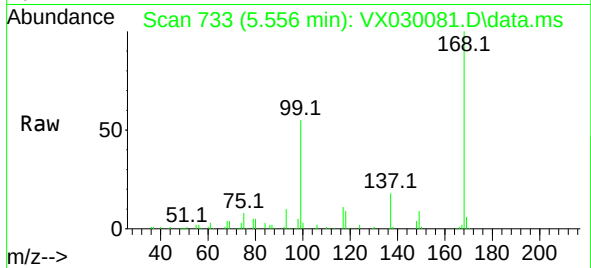




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

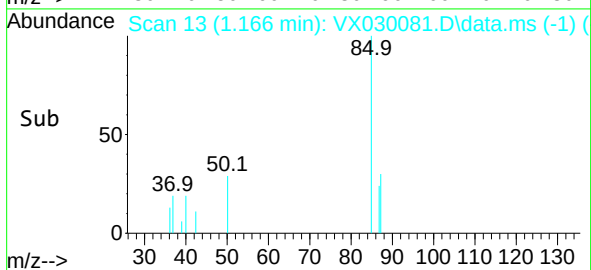
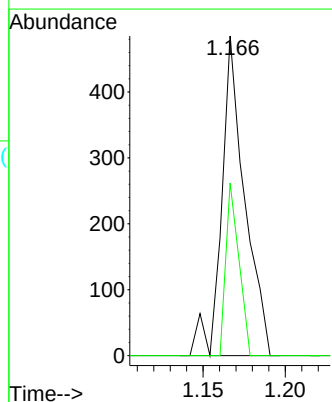
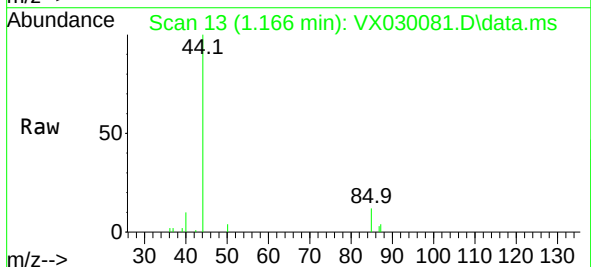
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

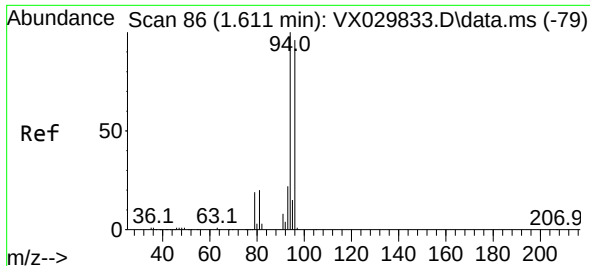
Tgt Ion:168 Resp: 173746
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

Tgt Ion: 85 Resp: 474
Ion Ratio Lower Upper
85 100
87 54.0 16.5 49.5#

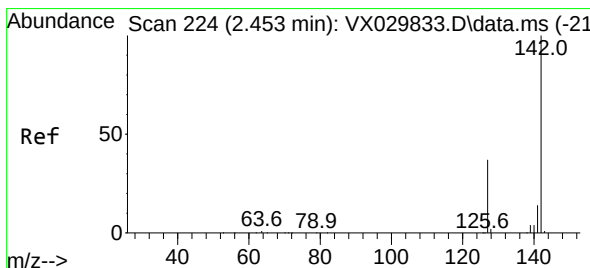
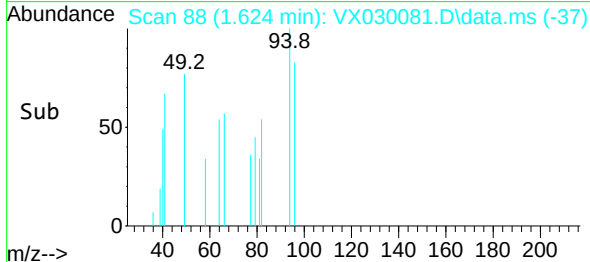
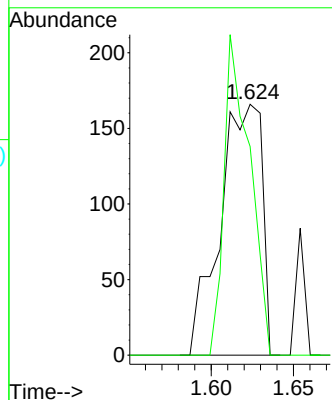
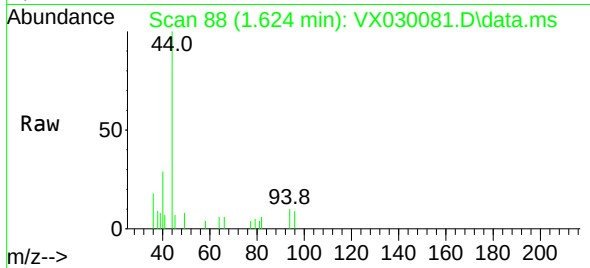




#5
Bromomethane
Concen: 0.346 ug/l
RT: 1.624 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

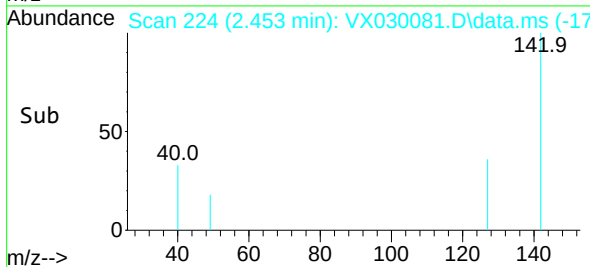
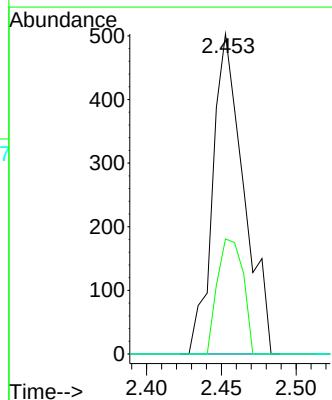
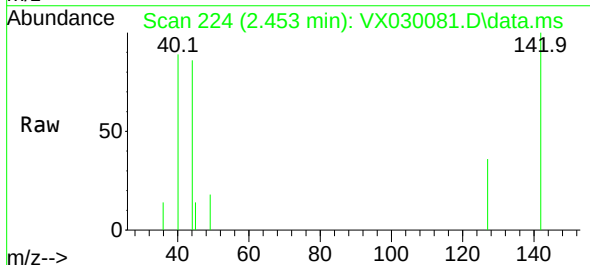
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

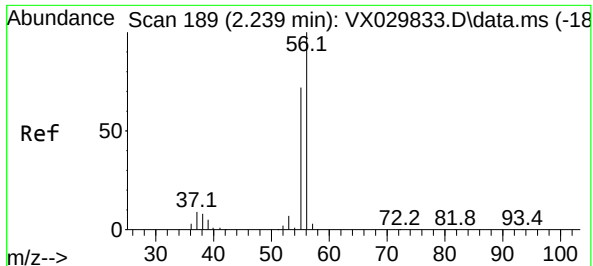
Tgt Ion: 94 Resp: 296
Ion Ratio Lower Upper
94 100
96 83.1 76.9 115.3



#10
Methyl Iodide
Concen: 2.805 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

Tgt Ion: 142 Resp: 726
Ion Ratio Lower Upper
142 100
127 29.8 30.2 45.2#
141 0.0 11.3 16.9#

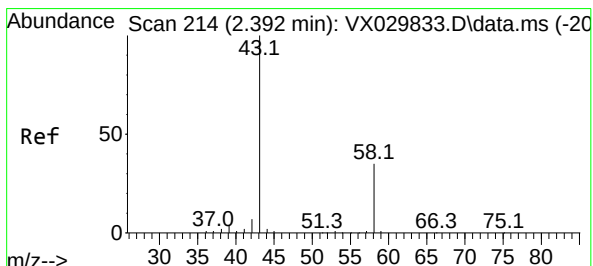
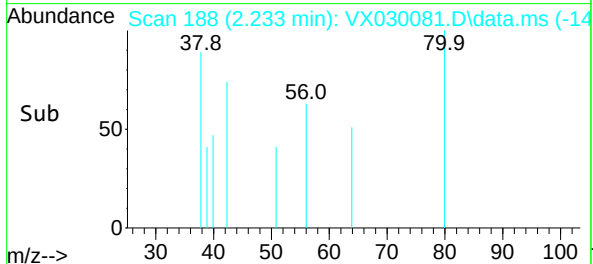
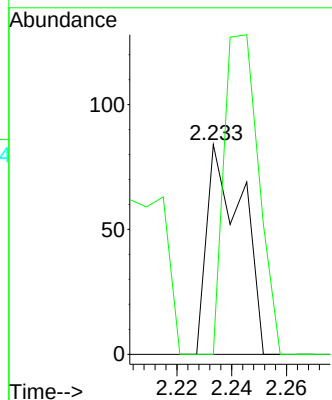
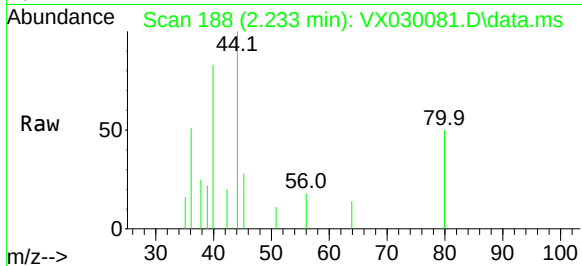




#13
Acrolein
Concen: 0.690 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

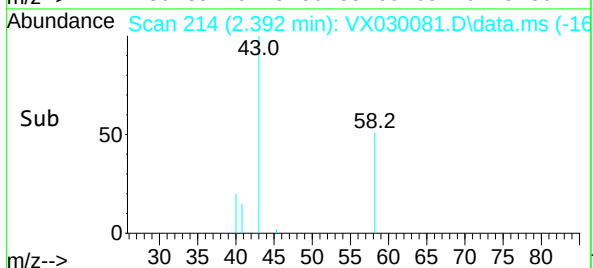
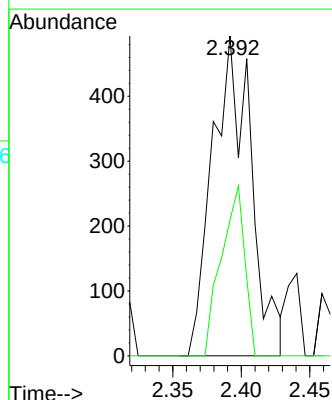
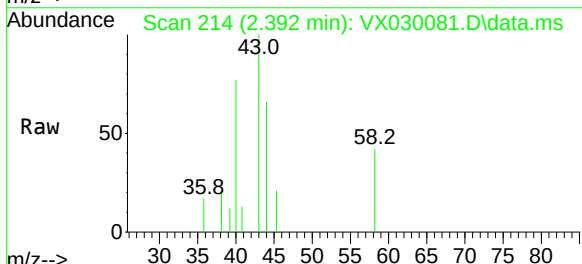
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

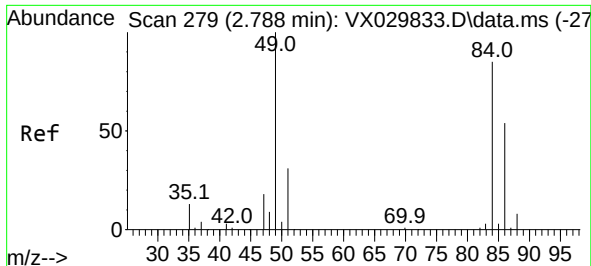
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 149.3 56.6 84.8#



#16
Acetone
Concen: 0.966 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
58 42.4 27.7 41.5#

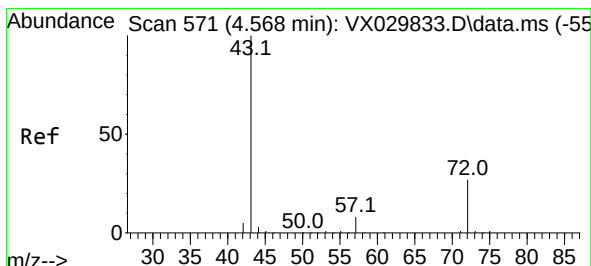
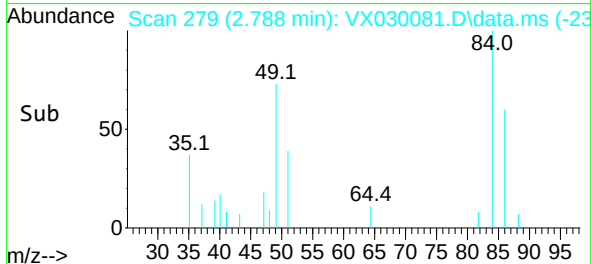
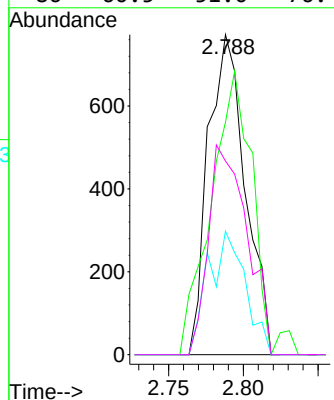
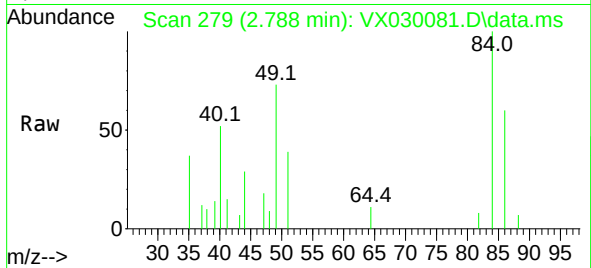




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

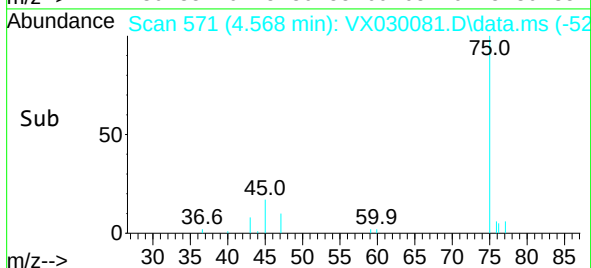
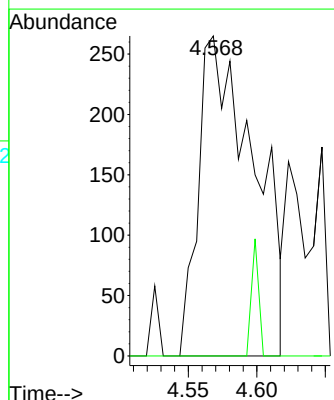
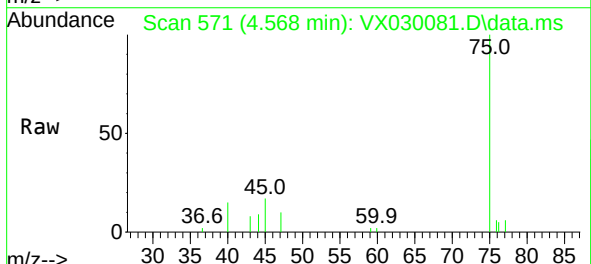
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

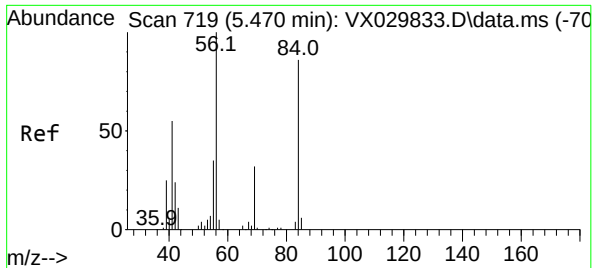
Tgt Ion: 84 Resp: 1330
Ion Ratio Lower Upper
84 100
49 72.7 93.8 140.6#
51 38.6 29.4 44.0
86 60.5 51.0 76.4



#25
2-Butanone
Concen: 0.438 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

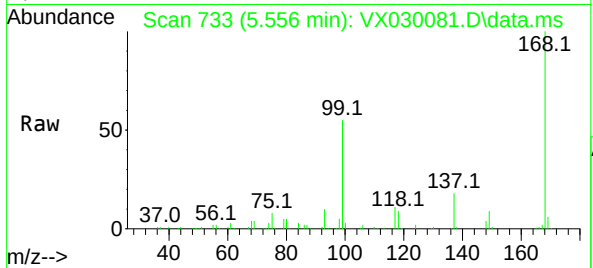
Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



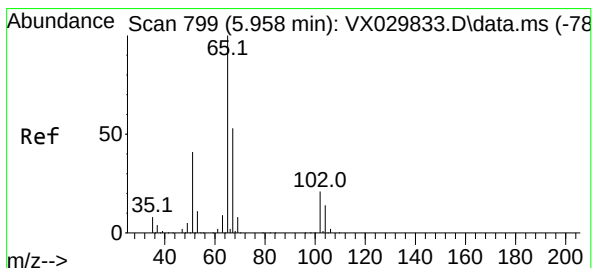
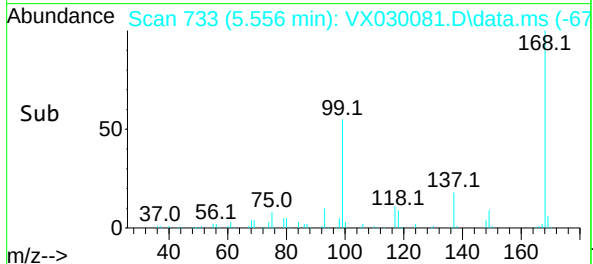
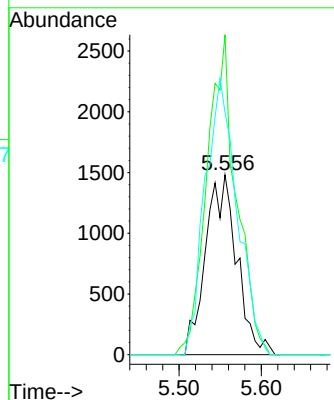


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

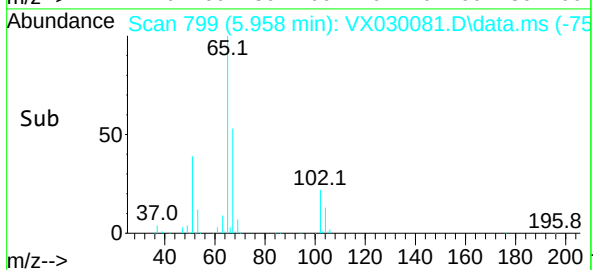
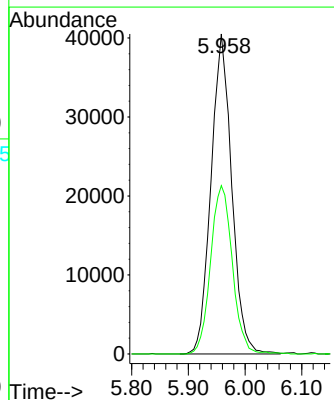
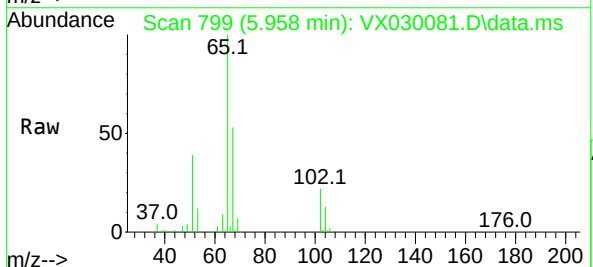


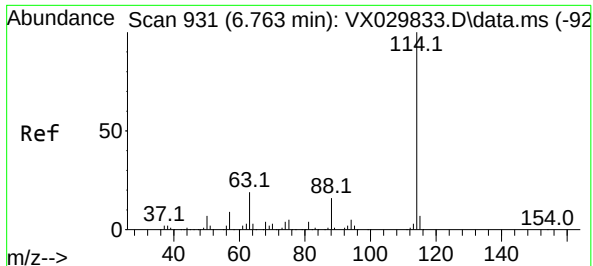
Tgt Ion: 56 Resp: 3907
Ion Ratio Lower Upper
56 100
69 177.9 25.4 38.0#
84 134.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 48.510 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

Tgt Ion: 65 Resp: 102590
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6

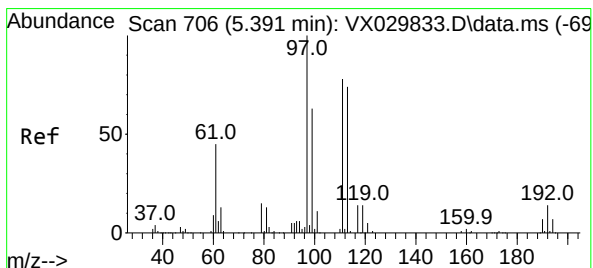
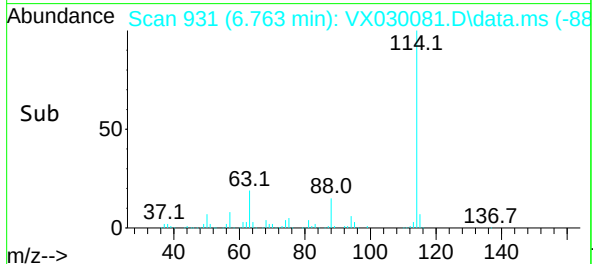
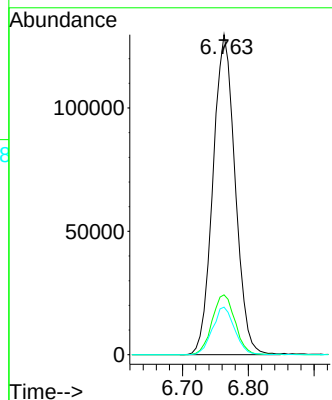
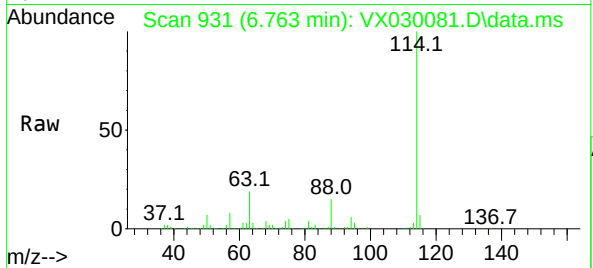




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

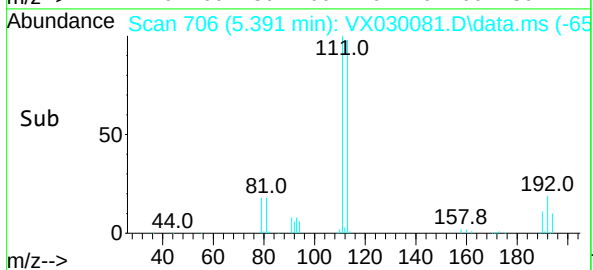
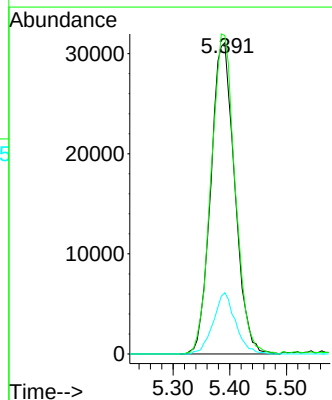
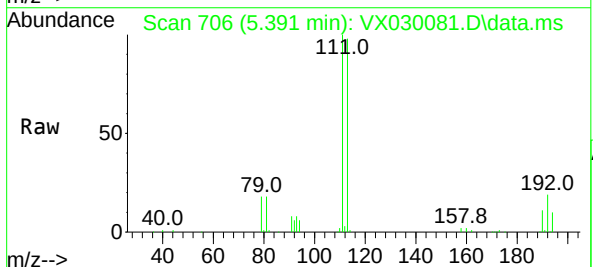
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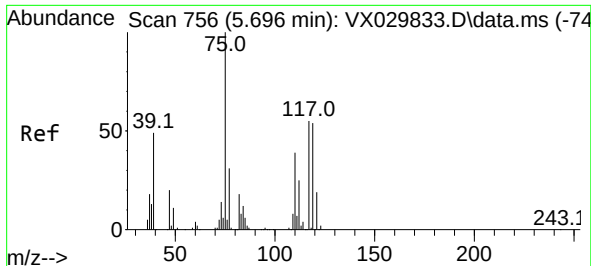
Tgt Ion:114 Resp: 304849
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.746 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

Tgt Ion:113 Resp: 91037
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.3 14.8 22.2

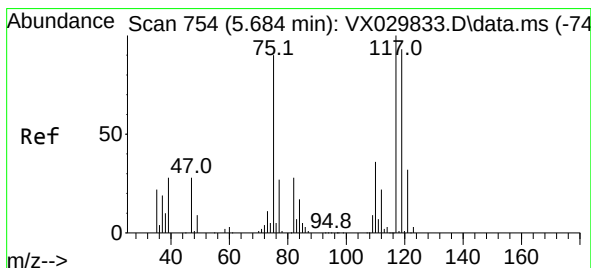
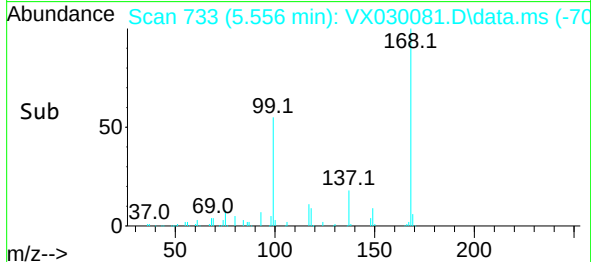
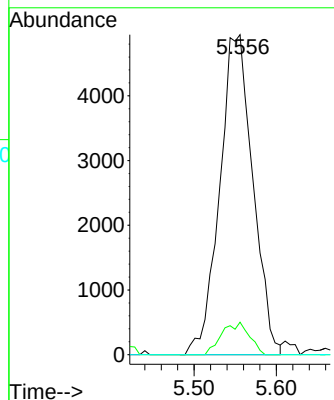
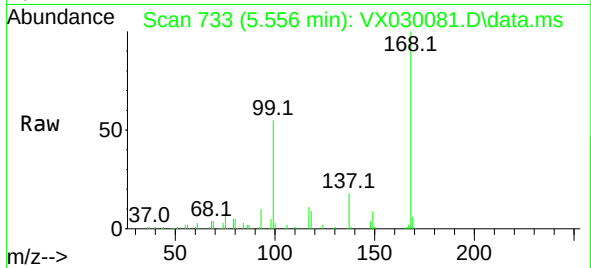




#36
1,1-Dichloropropene
Concen: 5.522 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

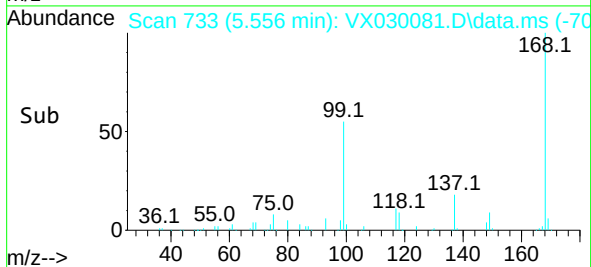
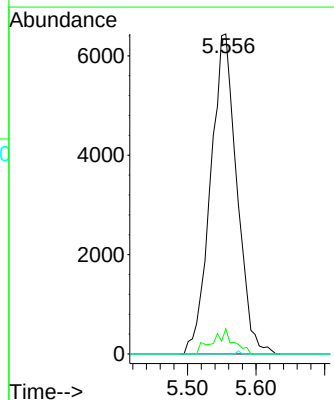
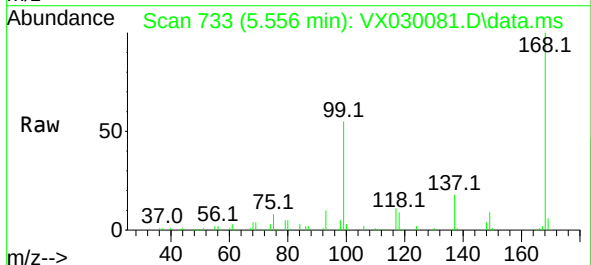
Instrument :
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VX0715MBL01

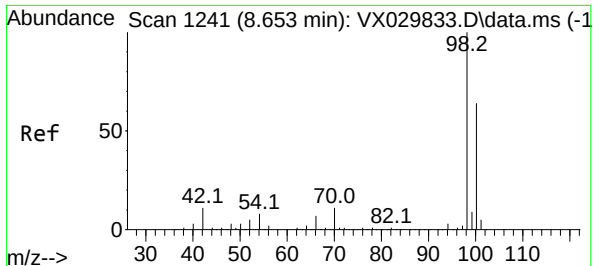
Tgt Ion: 75 Resp: 13892
Ion Ratio Lower Upper
75 100
110 8.4 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.320 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

Tgt Ion: 117 Resp: 17171
Ion Ratio Lower Upper
117 100
119 7.9 74.1 111.1#
121 0.0 25.8 38.8#

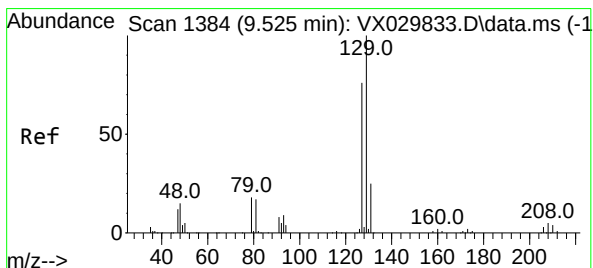
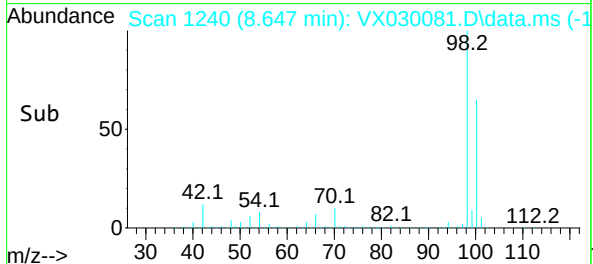
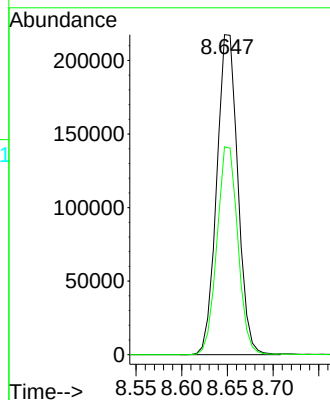
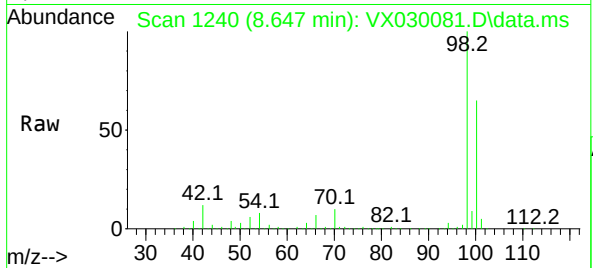




#50
Toluene-d8
Concen: 47.704 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

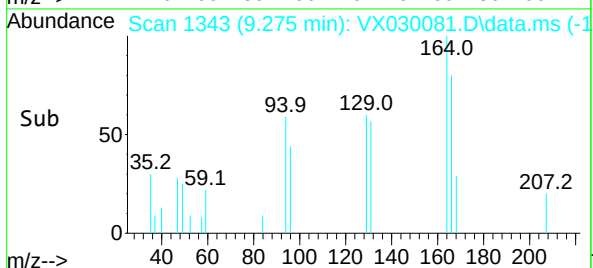
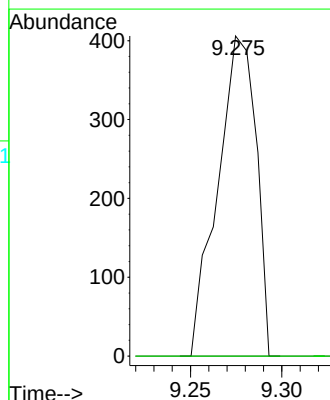
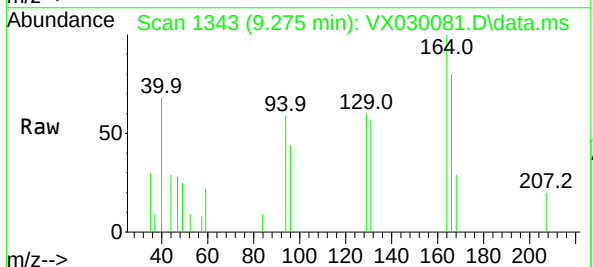
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

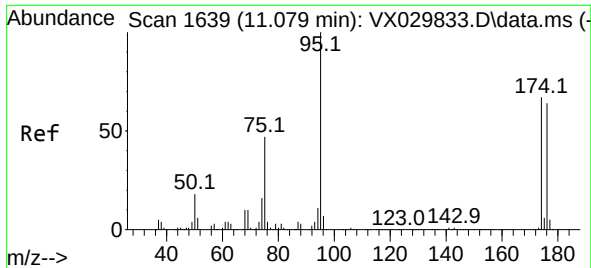
Tgt Ion: 98 Resp: 349405
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#60
Dibromochloromethane
Concen: 0.295 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

Tgt Ion: 129 Resp: 595
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

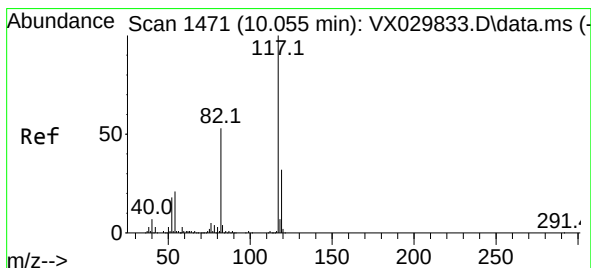
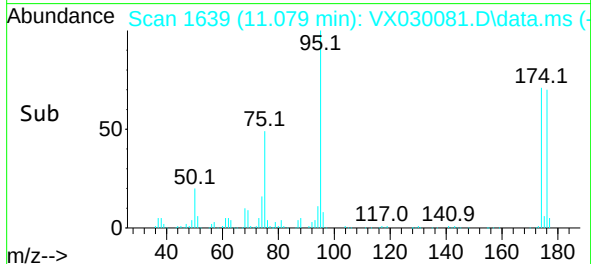
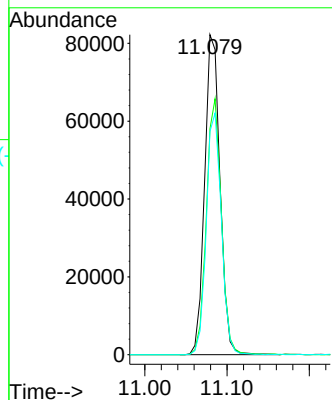
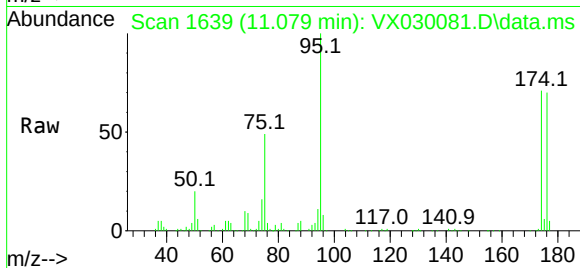




#62
4-Bromofluorobenzene
Concen: 42.011 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

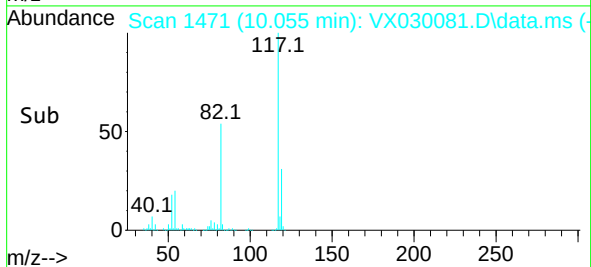
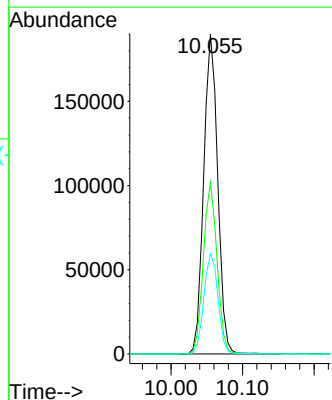
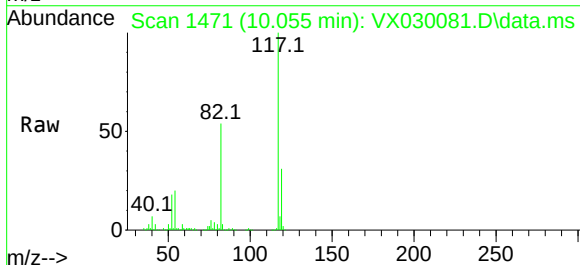
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

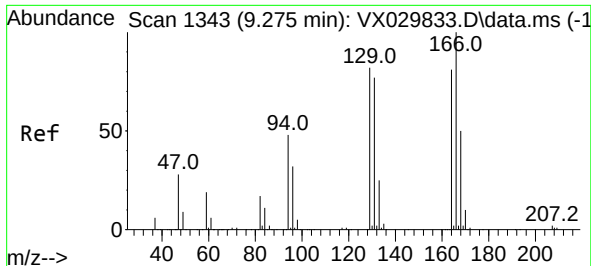
Tgt Ion: 95 Resp: 106782
Ion Ratio Lower Upper
95 100
174 78.1 0.0 149.0
176 73.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

Tgt Ion: 117 Resp: 258583
Ion Ratio Lower Upper
117 100
82 53.6 42.7 64.1
119 31.4 25.4 38.2

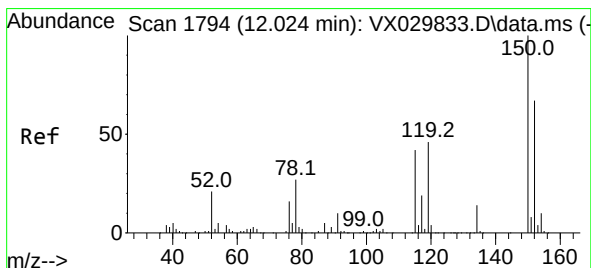
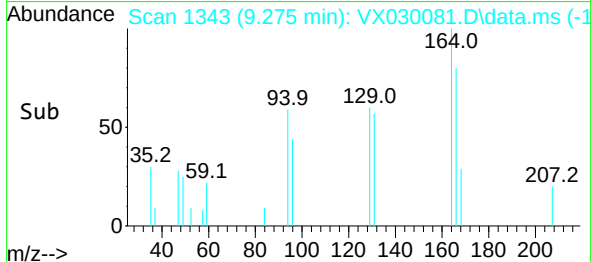
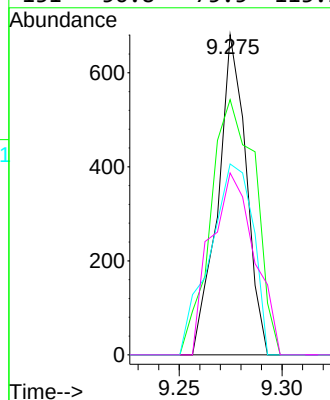
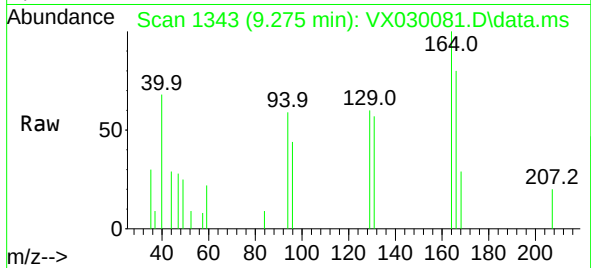




#64
Tetrachloroethene
Concen: 0.313 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

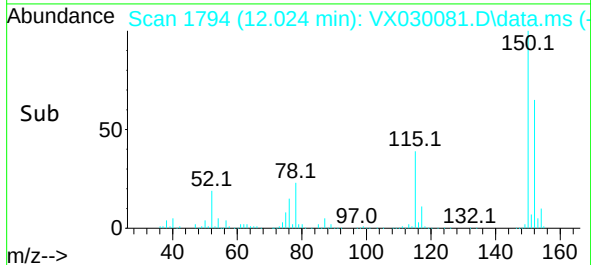
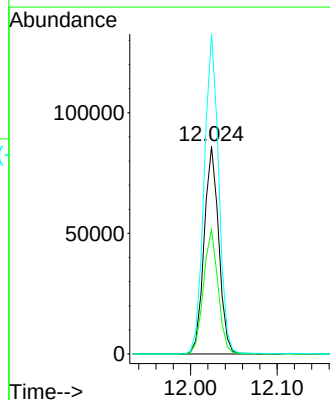
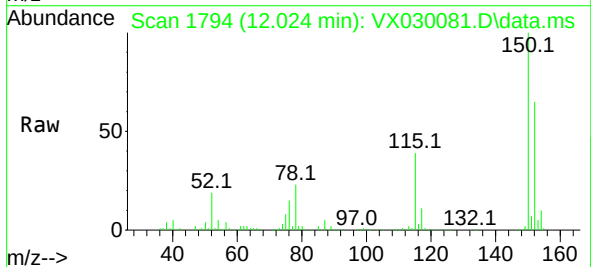
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

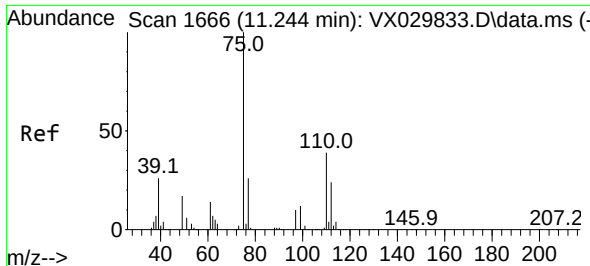
Tgt Ion:164	Resp:	650
Ion	Ratio	Lower Upper
164	100	
166	79.7	98.2 147.4#
129	59.6	80.8 121.2#
131	56.8	75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

Tgt Ion:152	Resp:	100902
Ion	Ratio	Lower Upper
152	100	
115	59.8	40.5 121.5
150	154.1	0.0 347.0

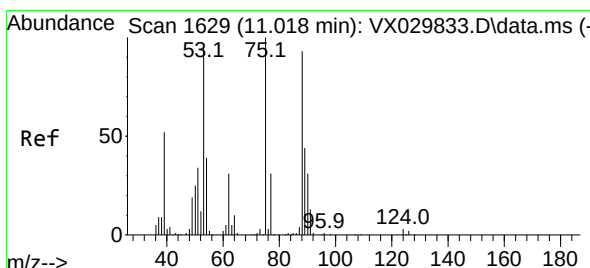
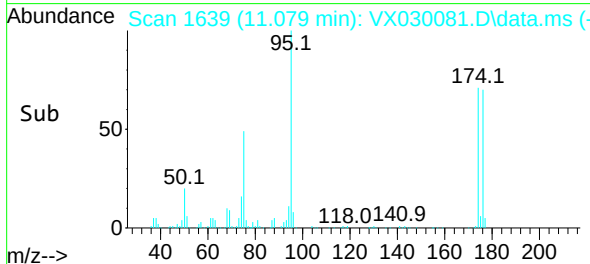
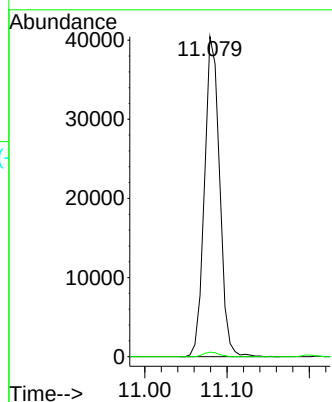
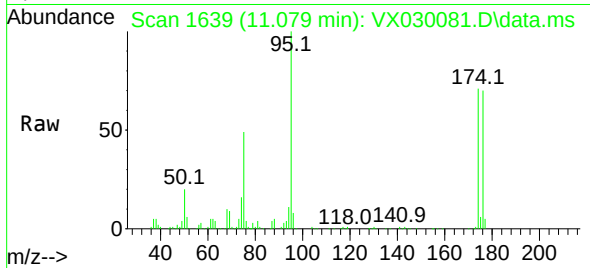




#76
1,2,3-Trichloropropane
Concen: 22.310 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

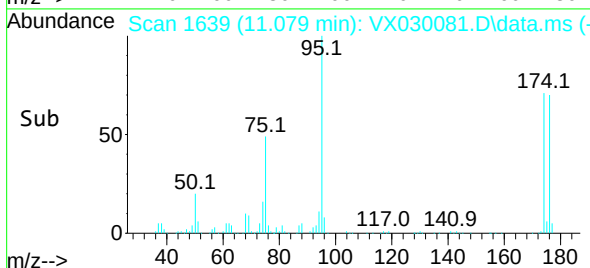
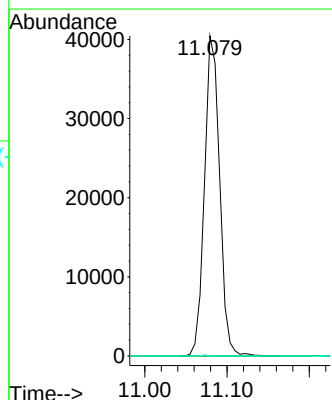
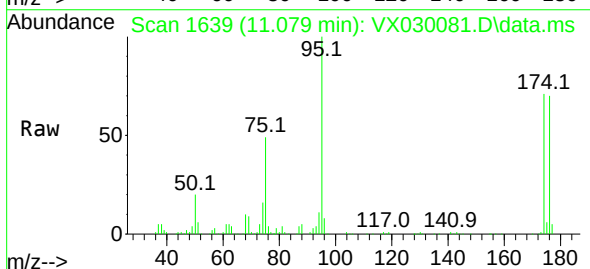
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

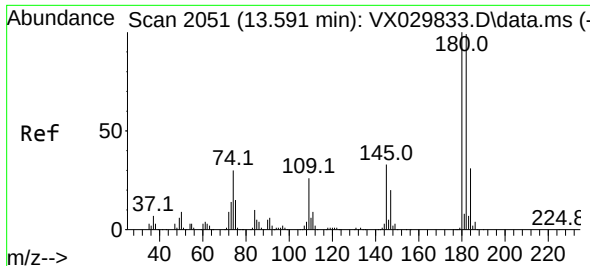
Tgt Ion: 75 Resp: 51759
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.387 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030081.D
Acq: 15 Jul 2022 10:23

Tgt Ion: 75 Resp: 51759
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

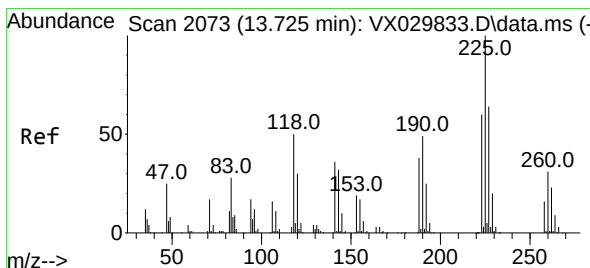
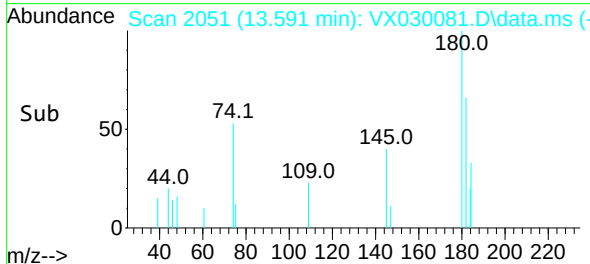
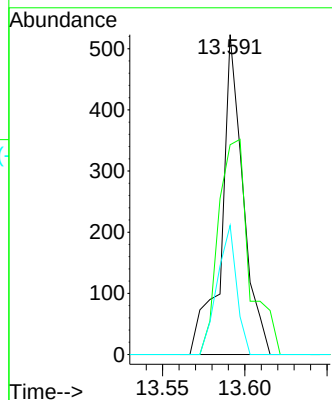
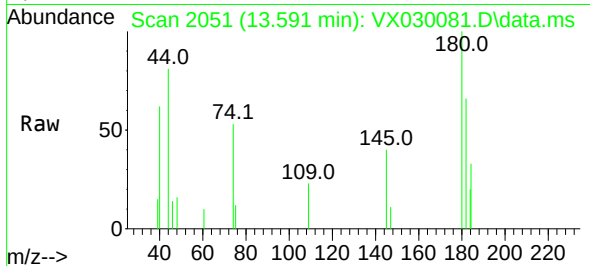




#93
 1,2,4-Trichlorobenzene
 Concen: 0.234 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX030081.D
 Acq: 15 Jul 2022 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715MBL01

Tgt Ion:180	Resp:	475	
Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.2	144.6
145	36.2	15.9	47.6



#94
 Hexachlorobutadiene
 Concen: 0.386 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX030081.D
 Acq: 15 Jul 2022 10:23

Tgt Ion:225	Resp:	312	
Ion Ratio	Lower	Upper	
225	100		
223	22.1	30.6	91.6#
227	41.3	31.9	95.9

