

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034791.D
 Acq On : 28 Mar 2023 14:31
 Operator : JC/MD
 Sample : VX0328MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328MBL01

Quant Time: Mar 28 16:09:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

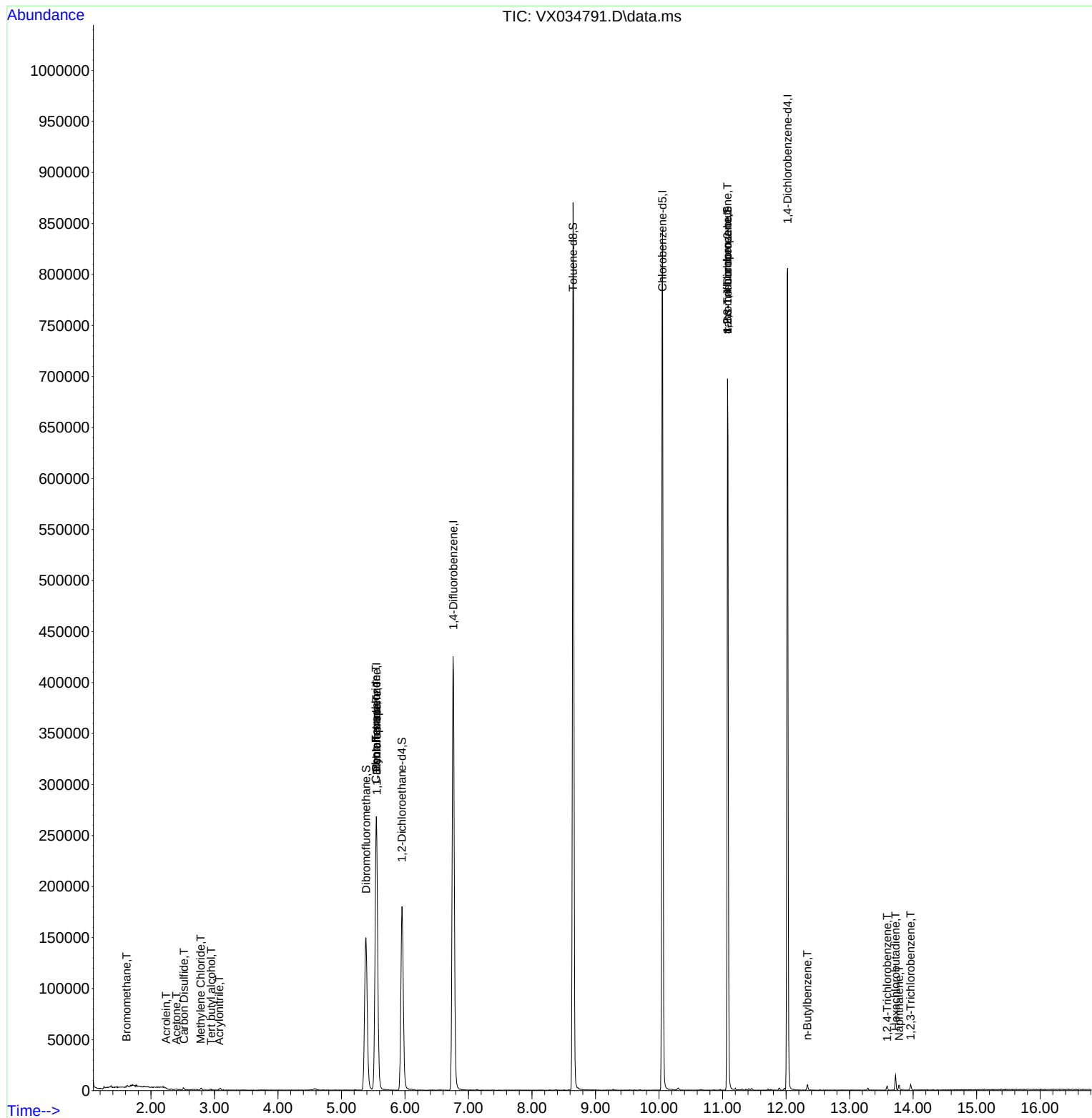
Internal Standards						
1) Pentafluorobenzene	5.550	168	248422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	421355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172118	47.625	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.240%		
35) Dibromofluoromethane	5.385	113	129554	46.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.140%		
50) Toluene-d8	8.647	98	502397	48.376	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.760%		
62) 4-Bromofluorobenzene	11.079	95	180296	42.980	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.960%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	381	Below Cal		95
5) Bromomethane	1.617	94	321	0.202 ug/l #		54
11) Tert butyl alcohol	2.946	59	417	0.554 ug/l #		73
13) Acrolein	2.239	56	398	0.668 ug/l		99
15) Acrylonitrile	3.074	53	654	0.402 ug/l #		74
16) Acetone	2.398	43	1049	0.616 ug/l #		81
17) Carbon Disulfide	2.520	76	2433	0.318 ug/l #		86
20) Methylene Chloride	2.782	84	784	0.237 ug/l #		82
31) Cyclohexane	5.550	56	6199	1.223 ug/l #		14
36) 1,1-Dichloropropene	5.556	75	21180	4.957 ug/l #		50
38) Carbon Tetrachloride	5.544	117	25255	5.941 ug/l #		16
76) 1,2,3-Trichloropropane	11.079	75	97345	25.754 ug/l #		34
81) trans-1,4-Dichloro-2-b...	11.079	75	97345	69.673 ug/l #		8
89) n-Butylbenzene	12.335	91	2440	0.248 ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	1252	0.346 ug/l		94
94) Hexachlorobutadiene	13.725	225	1852	1.272 ug/l		93
95) Naphthalene	13.780	128	3827	0.316 ug/l		97
96) 1,2,3-Trichlorobenzene	13.963	180	1434	0.406 ug/l		92

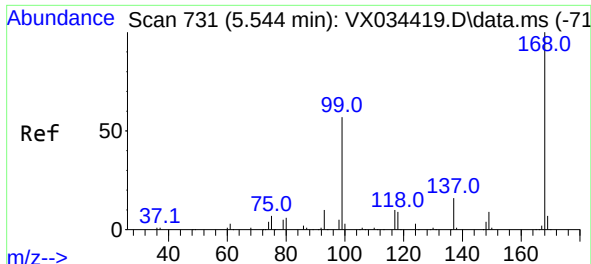
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
Data File : VX034791.D
Acq On : 28 Mar 2023 14:31
Operator : JC/MD
Sample : VX0328MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

Quant Time: Mar 28 16:09:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

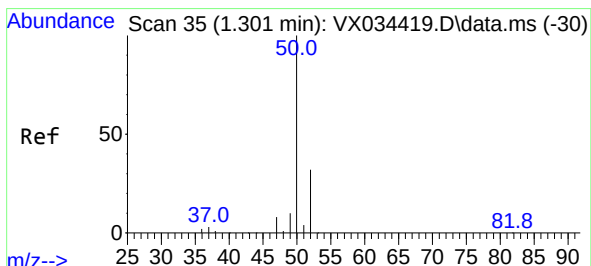
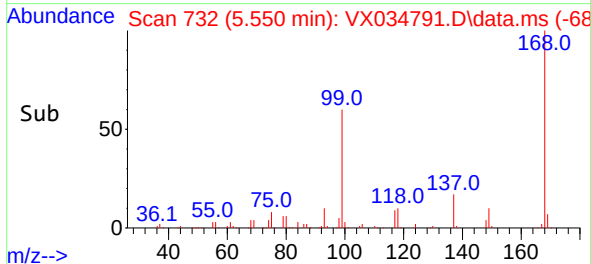
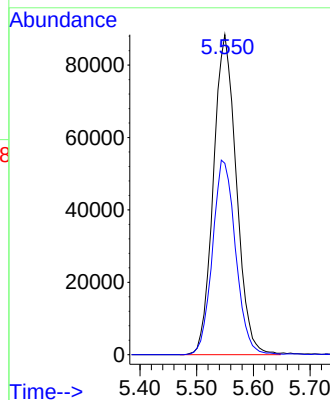
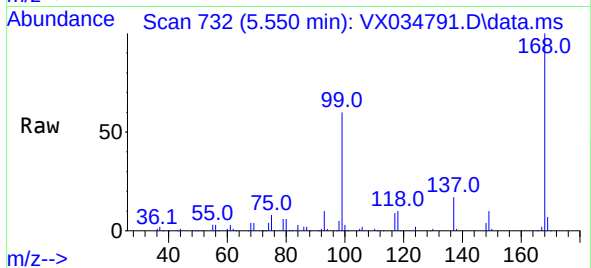




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

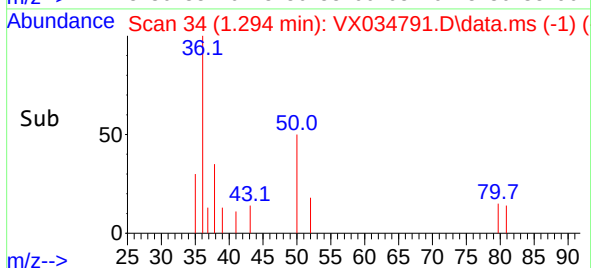
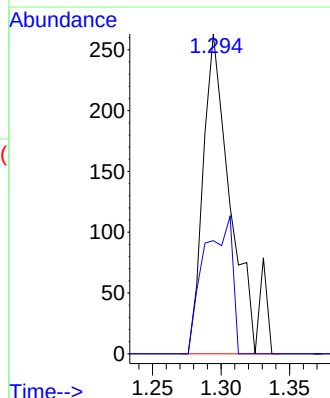
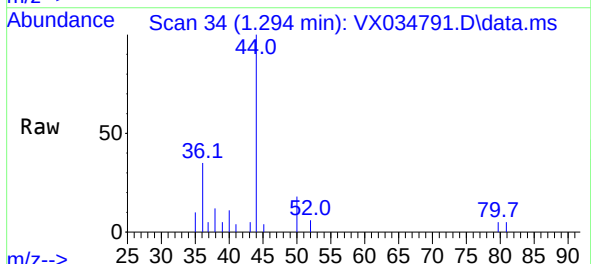
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

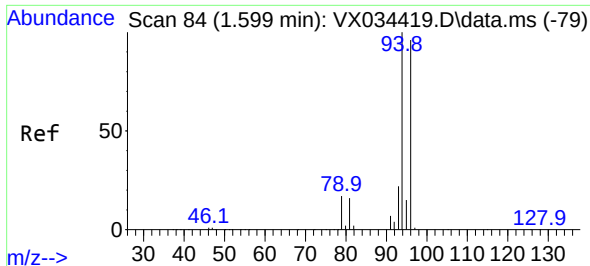
Tgt Ion:168 Resp: 248422
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 35.4 25.9 38.9

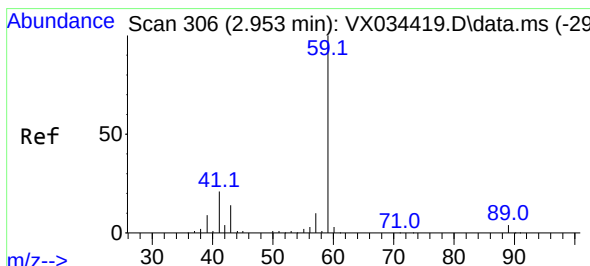
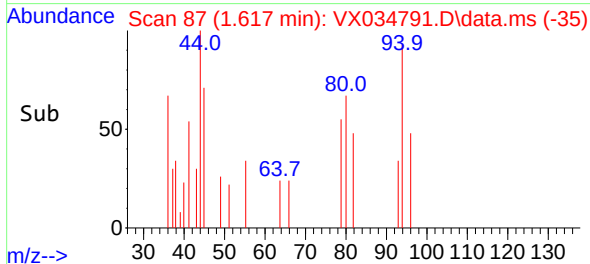
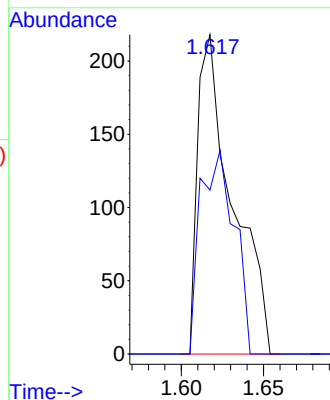
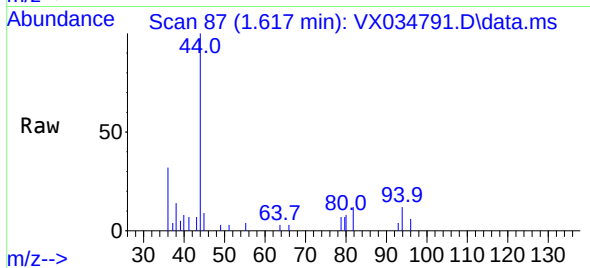




#5
Bromomethane
Concen: 0.202 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

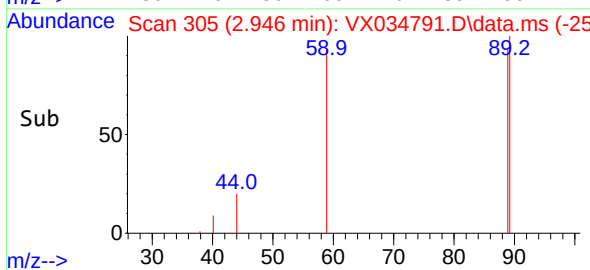
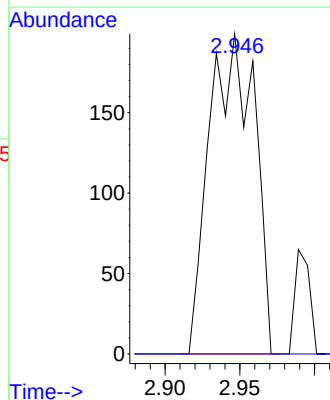
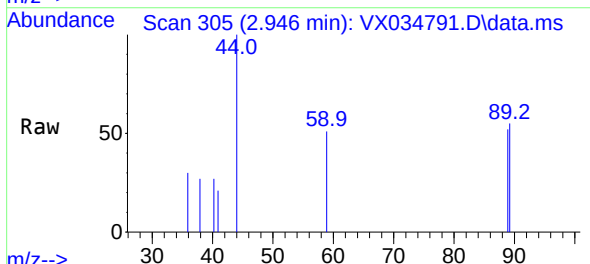
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

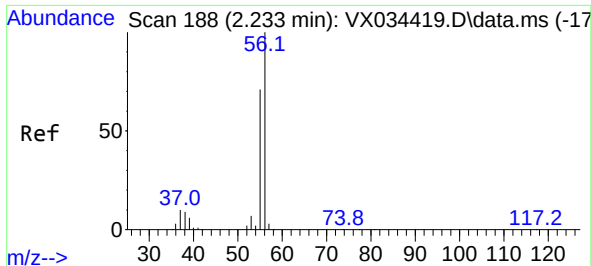
Tgt Ion: 94 Resp: 321
Ion Ratio Lower Upper
94 100
96 51.4 77.0 115.6#



#11
Tert butyl alcohol
Concen: 0.554 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Tgt Ion: 59 Resp: 417
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

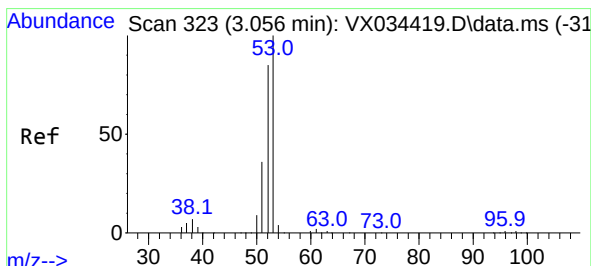
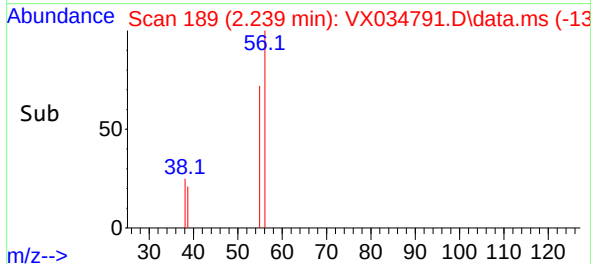
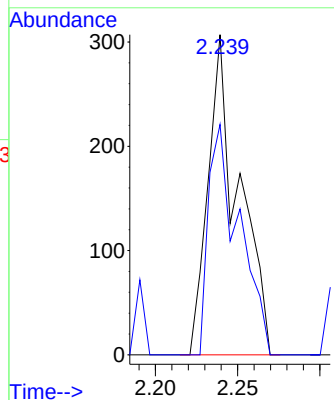
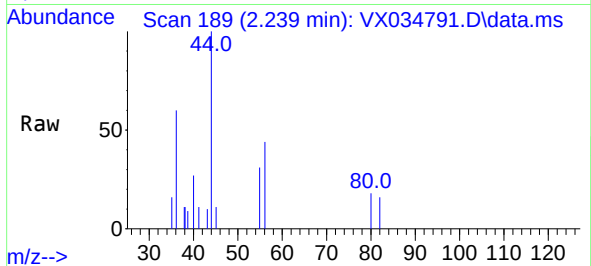




#13
Acrolein
Concen: 0.668 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

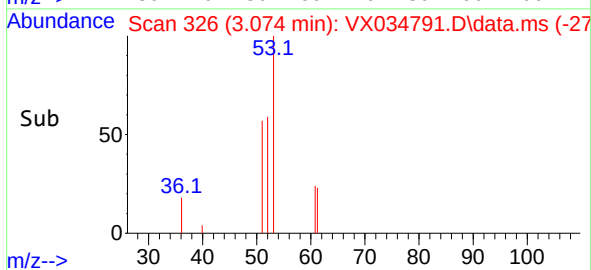
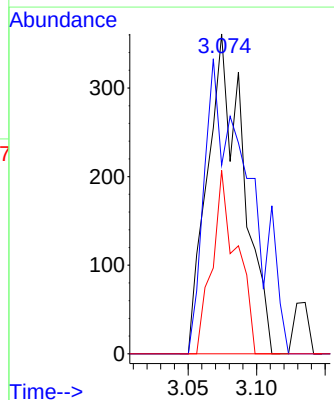
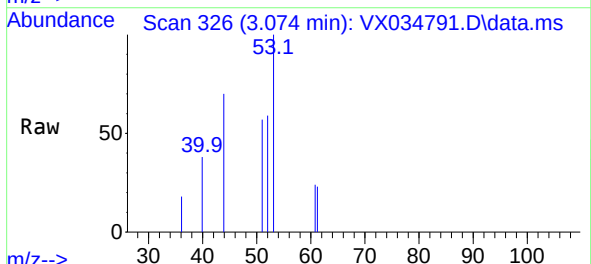
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

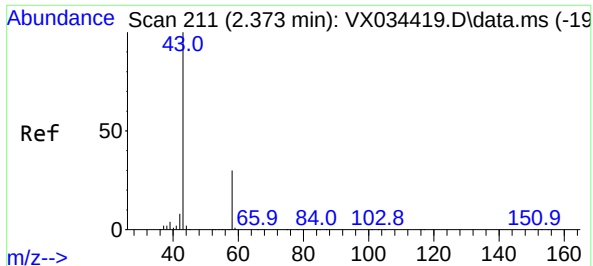
Tgt Ion: 56 Resp: 398
Ion Ratio Lower Upper
56 100
55 71.9 56.6 85.0



#15
Acrylonitrile
Concen: 0.402 ug/l
RT: 3.074 min Scan# 326
Delta R.T. 0.018 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Tgt Ion: 53 Resp: 654
Ion Ratio Lower Upper
53 100
52 113.5 66.2 99.2#
51 39.3 28.3 42.5

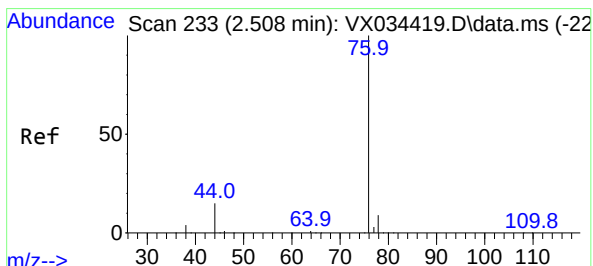
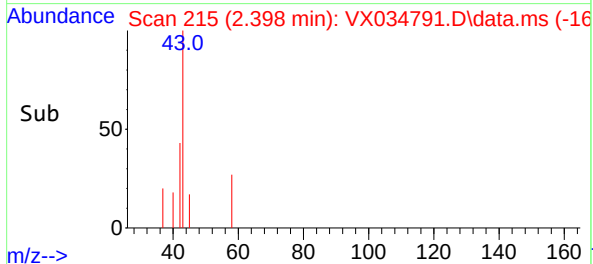
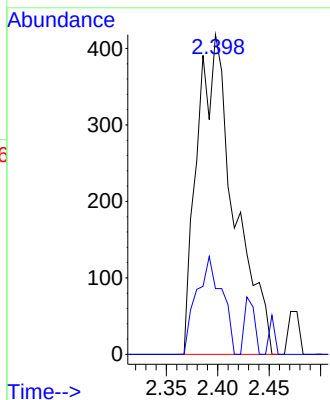
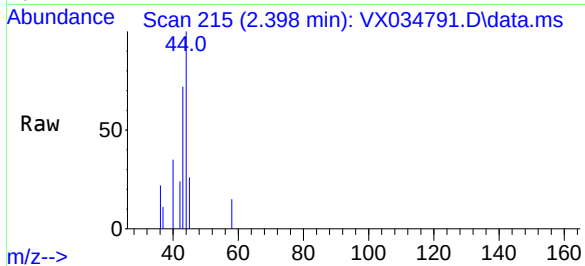




#16
Acetone
Concen: 0.616 ug/l
RT: 2.398 min Scan# 211
Delta R.T. 0.024 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

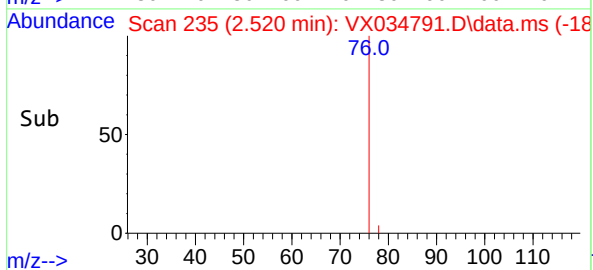
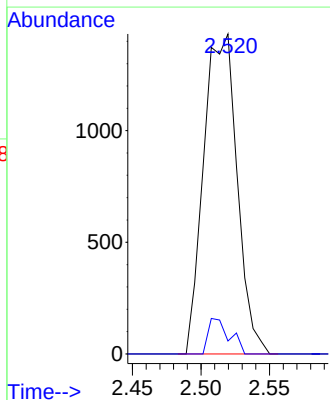
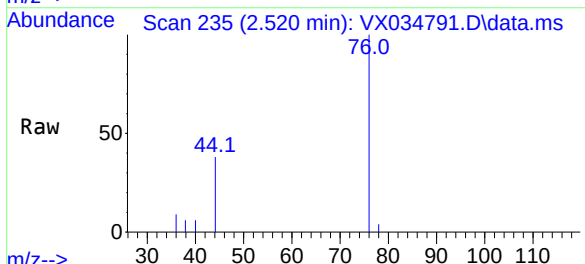
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

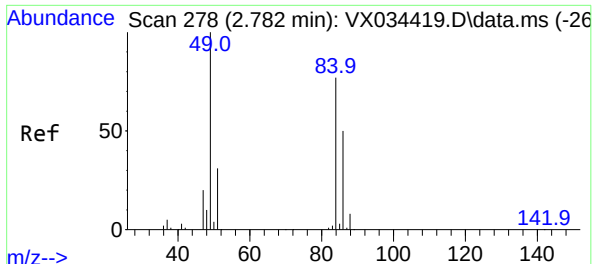
Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
58 20.6 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.318 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Tgt Ion: 76 Resp: 2433
Ion Ratio Lower Upper
76 100
78 4.0 7.2 10.8#



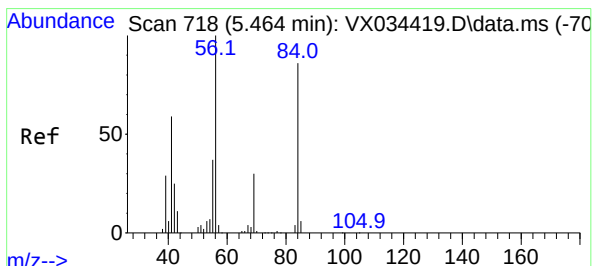
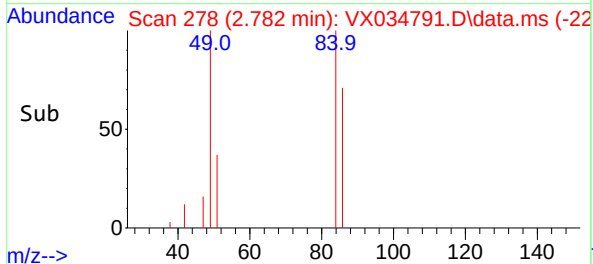
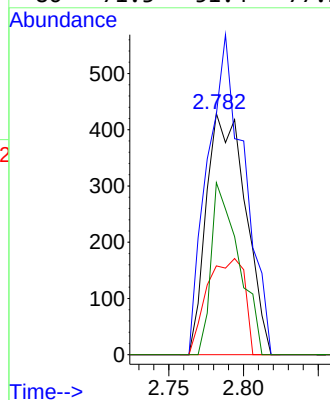
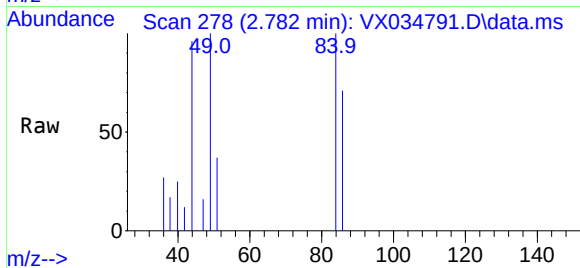


#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

Tgt Ion: 84 Resp: 784

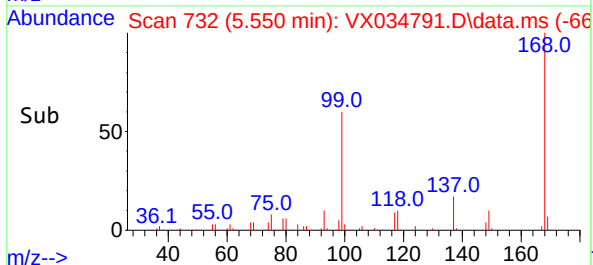
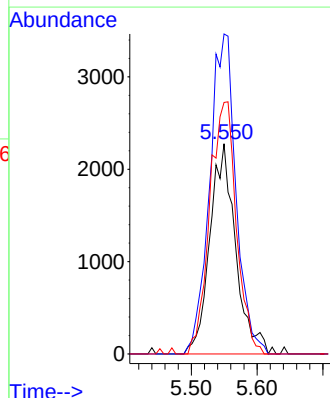
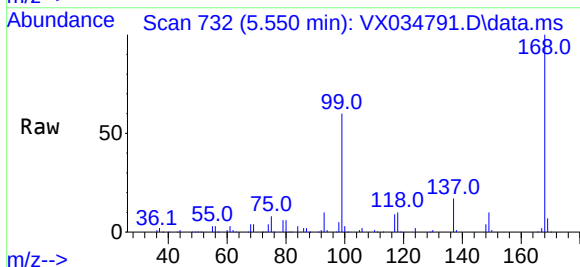
Ion	Ratio	Lower	Upper
84	100		
49	99.5	103.8	155.8#
51	36.8	31.8	47.8
86	71.3	51.4	77.2

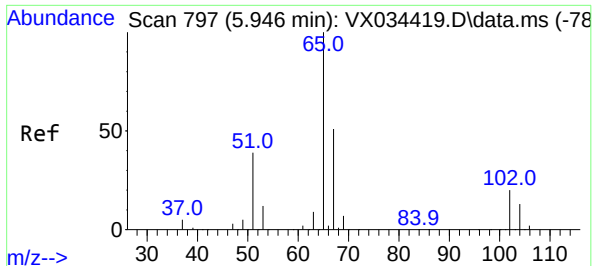


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Tgt Ion: 56 Resp: 6199

Ion	Ratio	Lower	Upper
56	100		
69	152.2	23.7	35.5#
84	119.7	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.625 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034791.D

Acq: 28 Mar 2023 14:31

Instrument :

MSVOA_X

ClientSampleId :

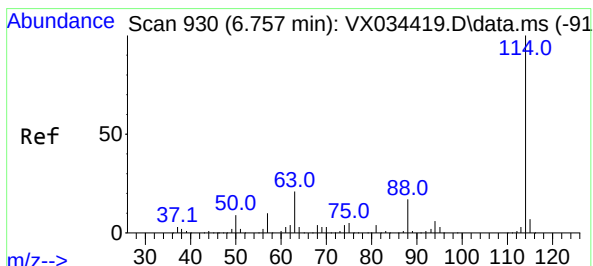
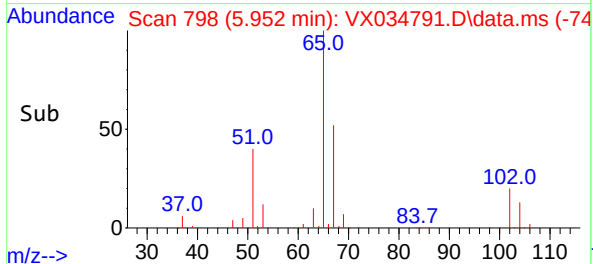
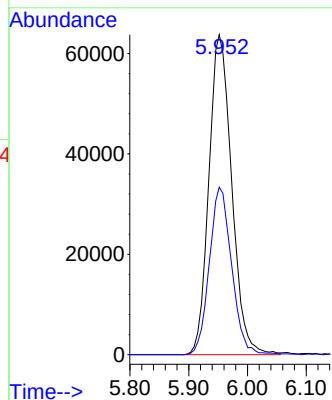
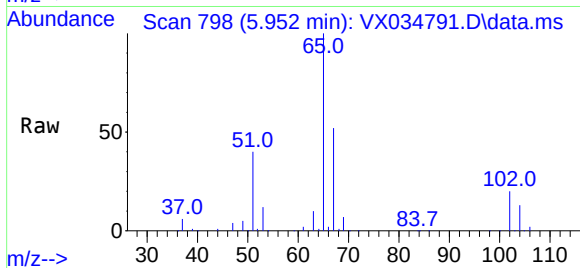
VX0328MBL01

Tgt Ion: 65 Resp: 172118

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034791.D

Acq: 28 Mar 2023 14:31

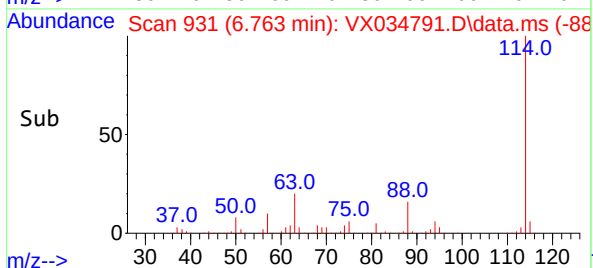
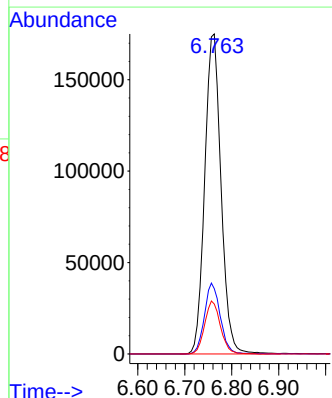
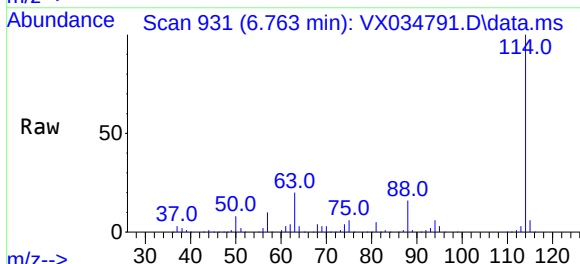
Tgt Ion: 114 Resp: 421355

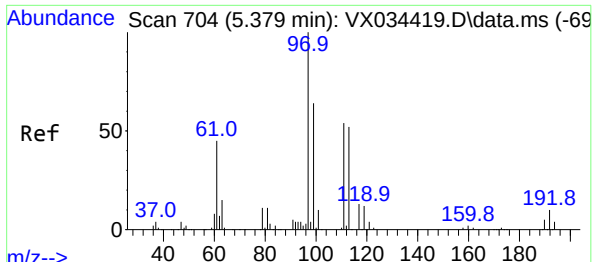
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.2

88 15.6 0.0 33.2

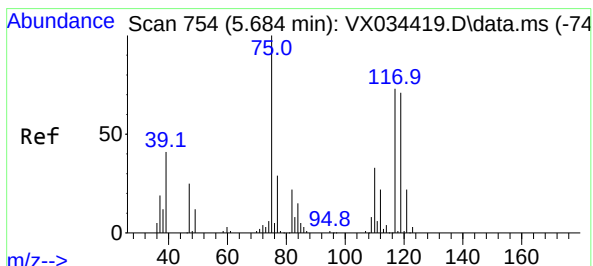
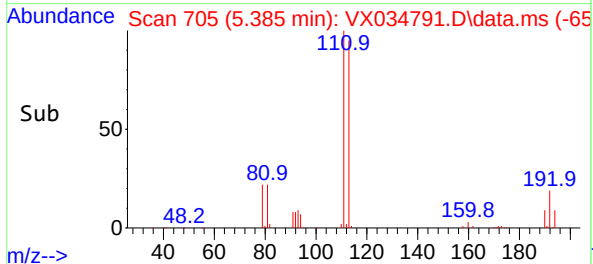
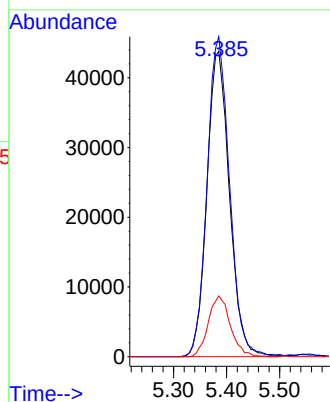
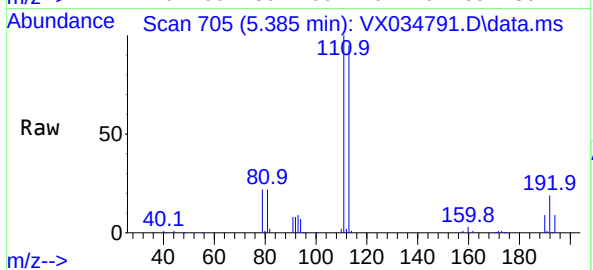




#35
Dibromofluoromethane
Concen: 46.569 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

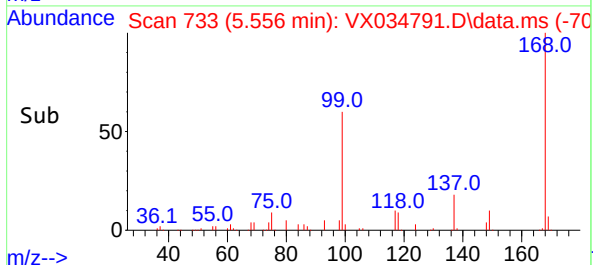
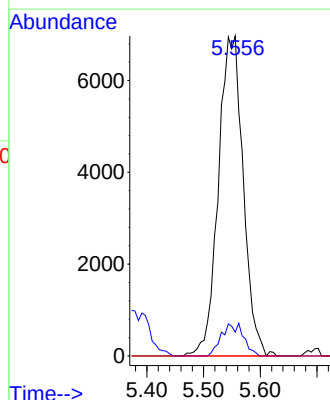
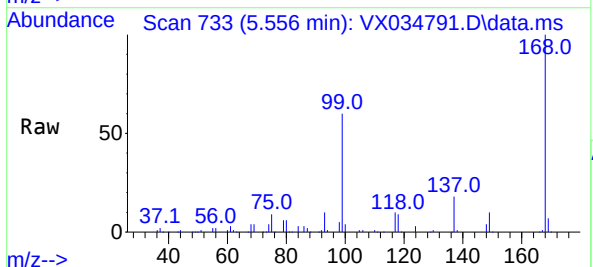
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

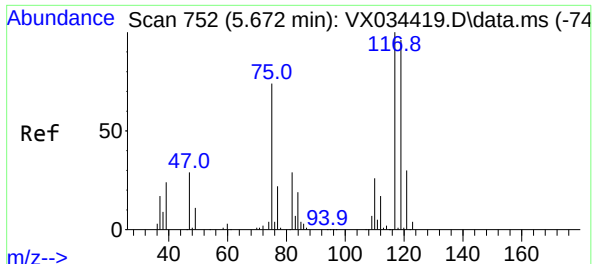
Tgt Ion:113 Resp: 129554
Ion Ratio Lower Upper
113 100
111 103.9 83.7 125.5
192 19.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.957 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

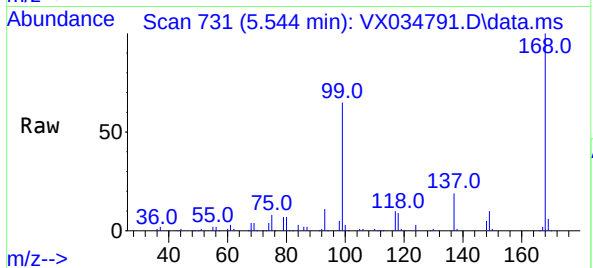
Tgt Ion: 75 Resp: 21180
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



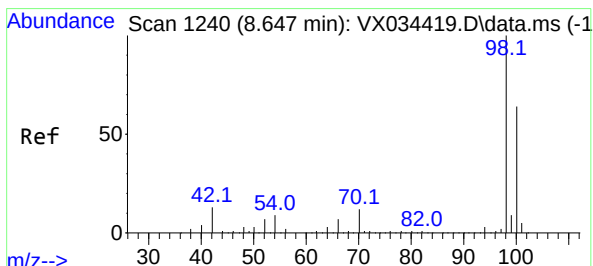
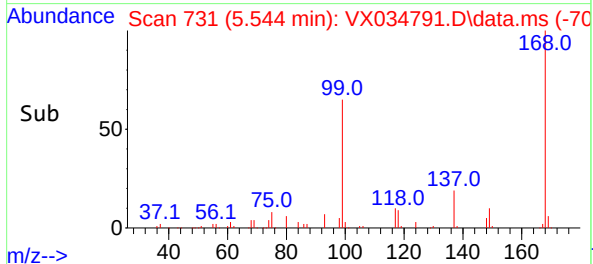
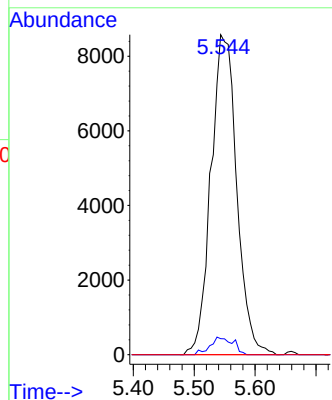


#38
Carbon Tetrachloride
Concen: 5.941 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

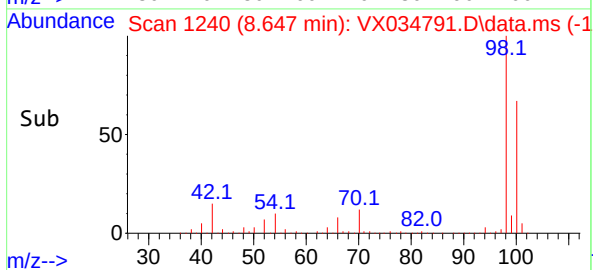
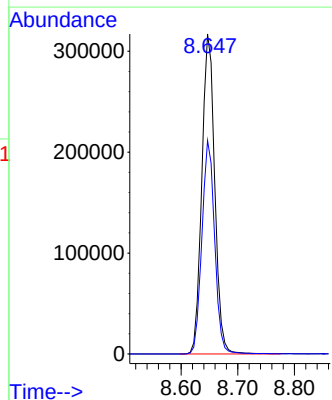
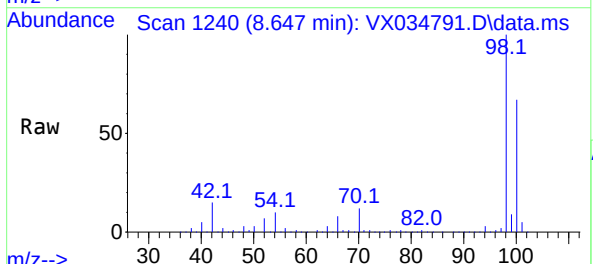


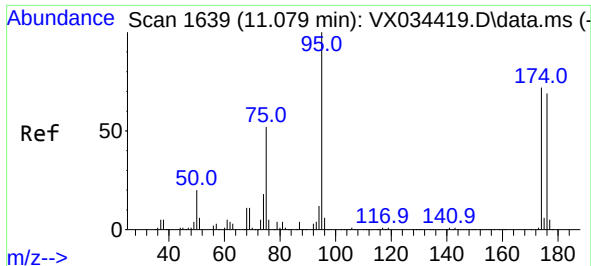
Tgt Ion:117 Resp: 25255
Ion Ratio Lower Upper
117 100
119 5.0 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.376 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Tgt Ion: 98 Resp: 502397
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

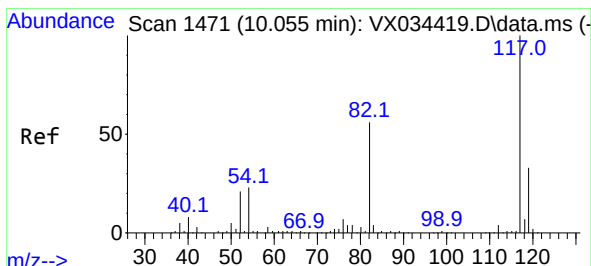
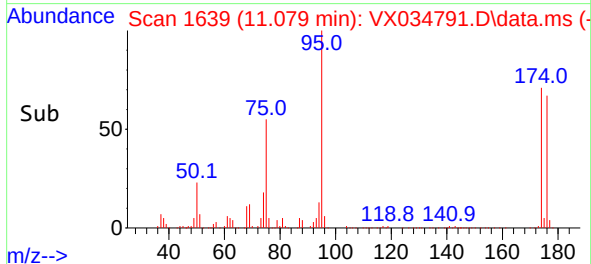
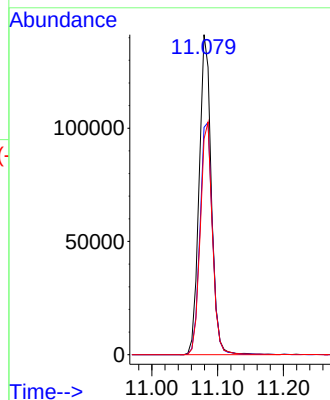
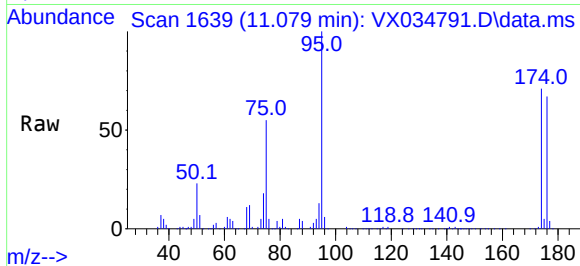




#62
4-Bromofluorobenzene
Concen: 42.980 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

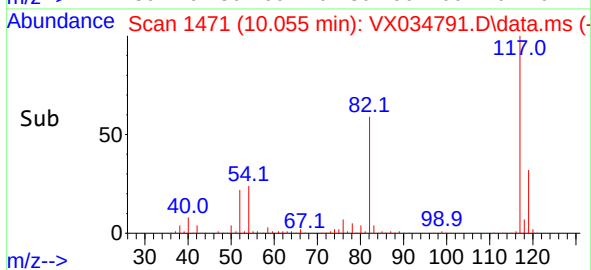
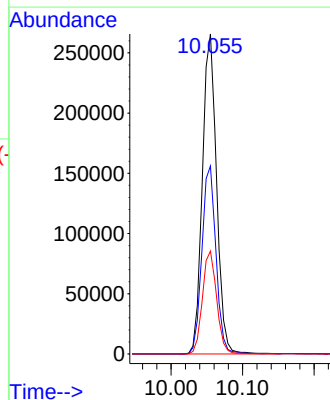
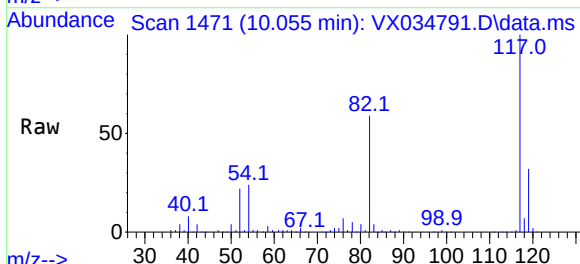
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

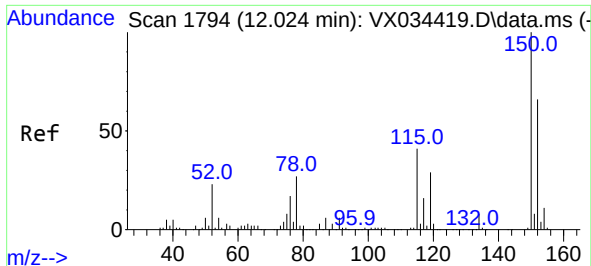
Tgt Ion: 95 Resp: 180296
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.4
176 72.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Tgt Ion: 117 Resp: 366842
Ion Ratio Lower Upper
117 100
82 58.8 45.0 67.4
119 32.2 26.0 39.0

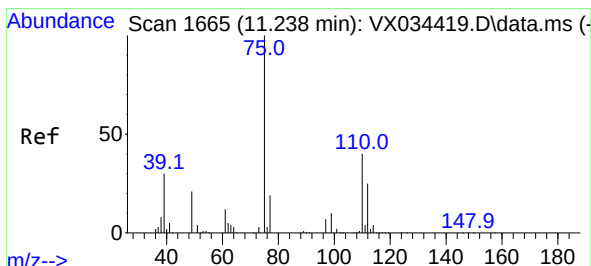
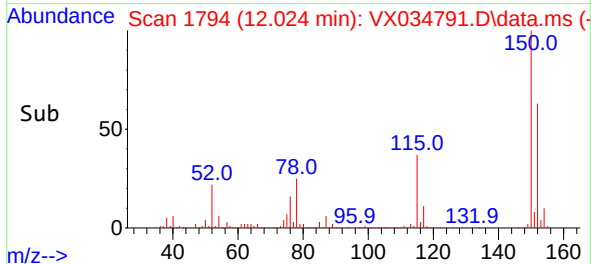
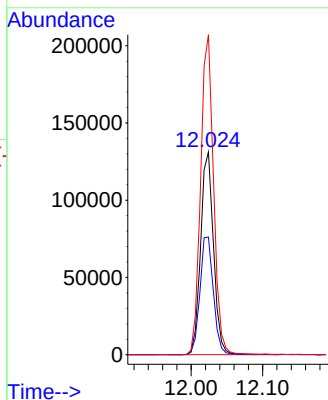
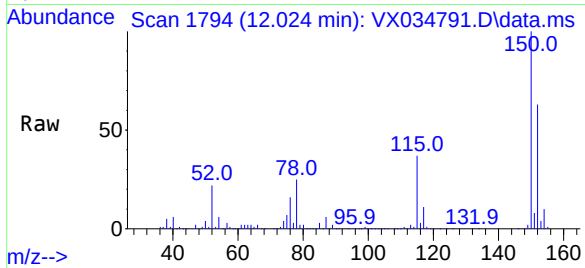




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

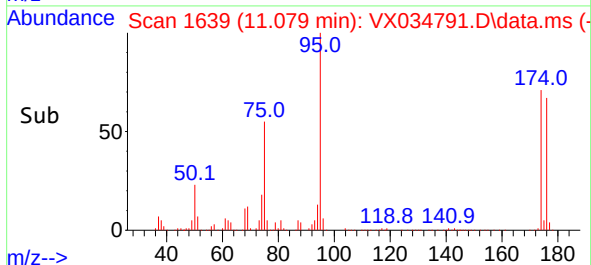
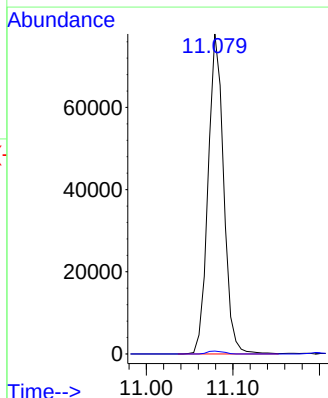
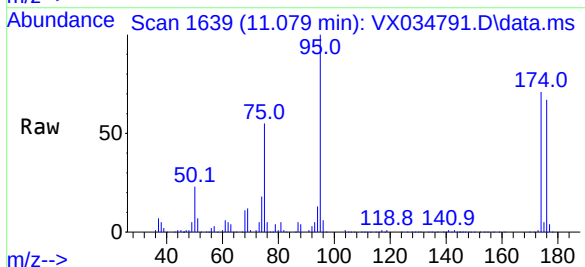
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

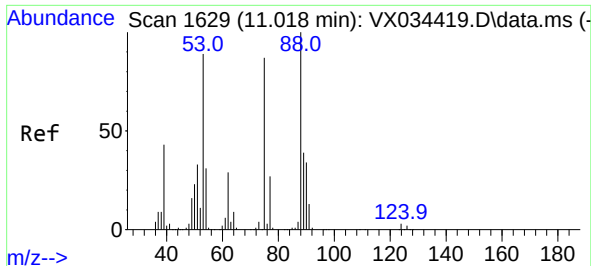
Tgt Ion:152 Resp: 164615
Ion Ratio Lower Upper
152 100
115 60.5 45.0 135.0
150 158.2 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.754 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Tgt Ion: 75 Resp: 97345
Ion Ratio Lower Upper
75 100
77 0.9 21.6 64.8#

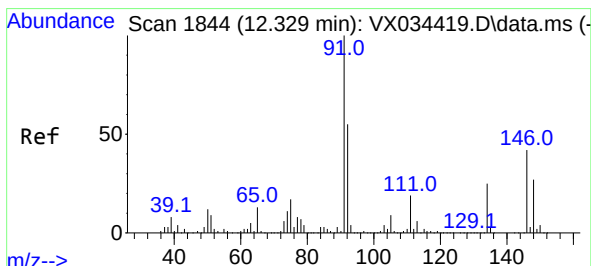
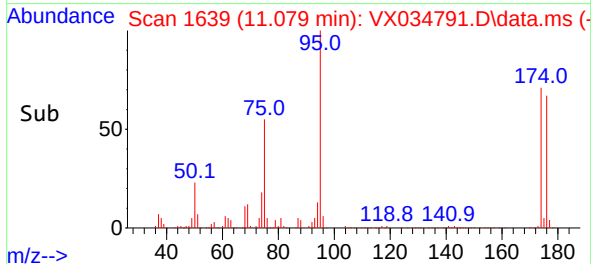
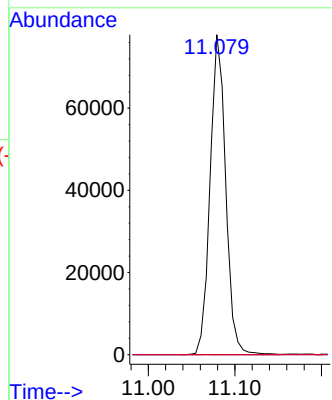
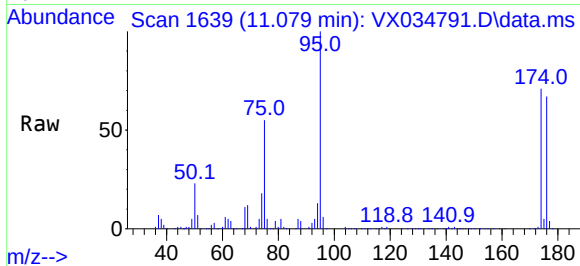




#81
trans-1,4-Dichloro-2-butene
Concen: 69.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

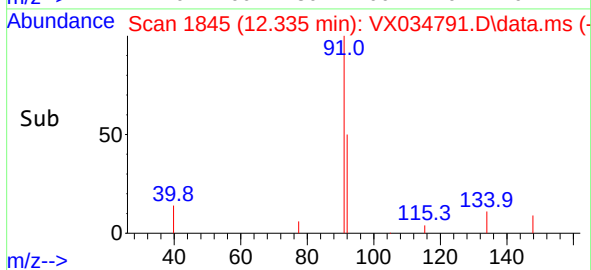
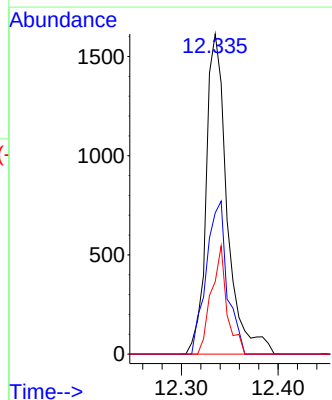
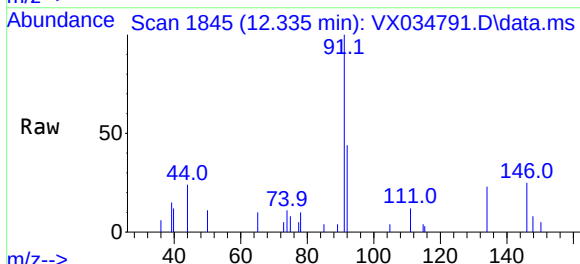
Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

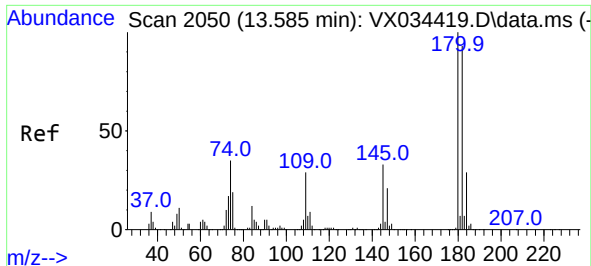
Tgt Ion: 75 Resp: 97345
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.248 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Tgt Ion: 91 Resp: 2440
Ion Ratio Lower Upper
91 100
92 47.5 27.7 83.0
134 25.1 13.0 38.9

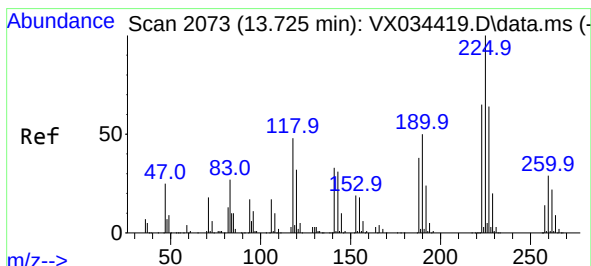
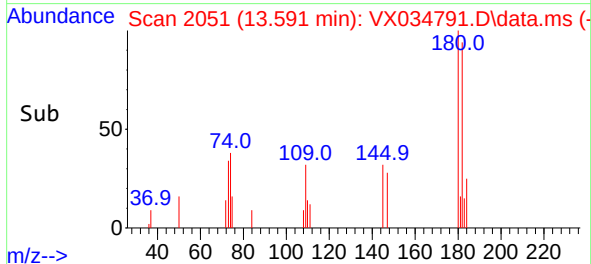
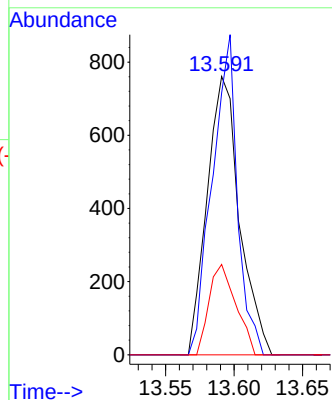
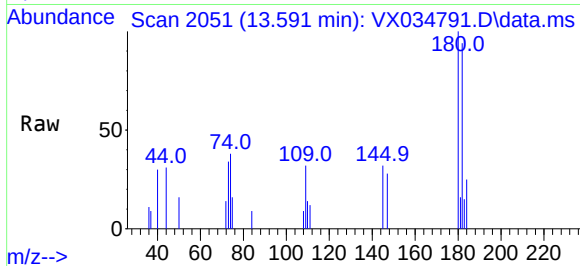




#93
 1,2,4-Trichlorobenzene
 Concen: 0.346 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX034791.D
 Acq: 28 Mar 2023 14:31

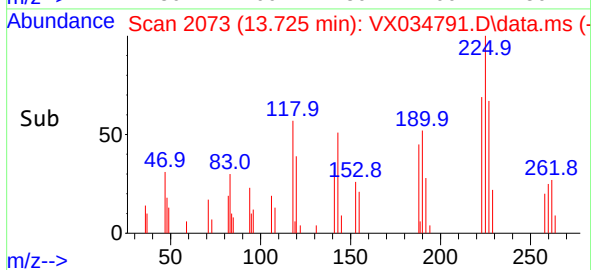
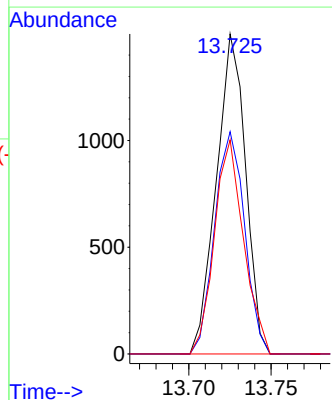
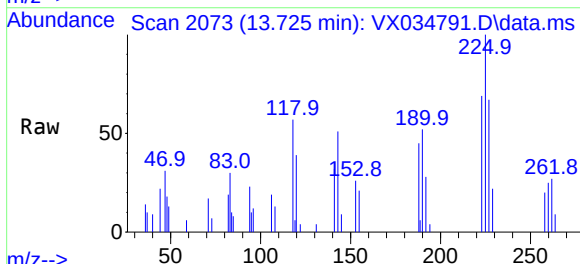
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328MBL01

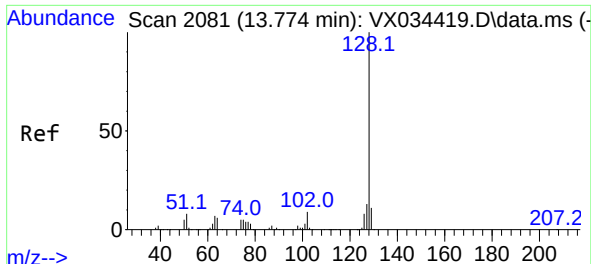
Tgt Ion:180	Resp:	1252
Ion	Ratio	Lower Upper
180	100	
182	89.0	47.0 141.0
145	26.8	15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 1.272 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX034791.D
 Acq: 28 Mar 2023 14:31

Tgt Ion:225	Resp:	1852
Ion	Ratio	Lower Upper
225	100	
223	71.3	32.1 96.5
227	67.0	31.8 95.4

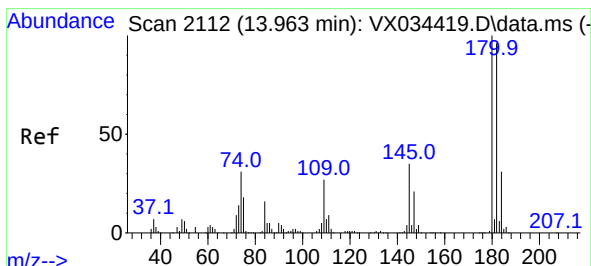
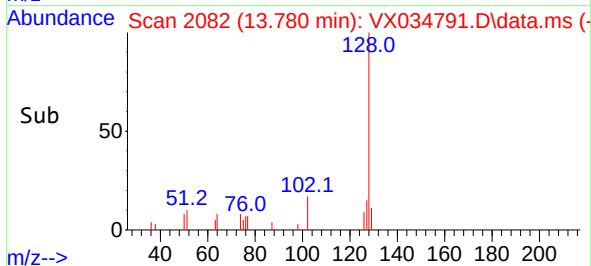
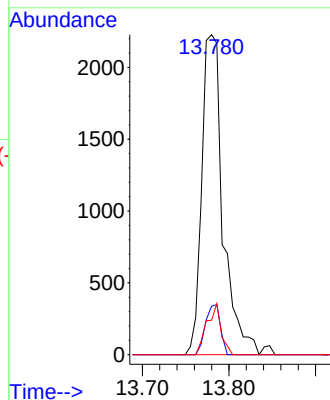
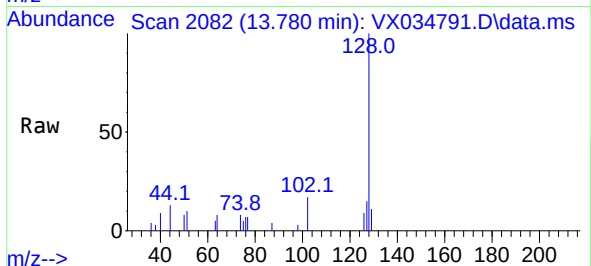




#95
Naphthalene
Concen: 0.316 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0328MBL01

Tgt Ion:128	Resp:	3827
Ion Ratio	Lower	Upper
128	100	
127	10.8	10.2 15.4
129	10.5	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.406 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034791.D
Acq: 28 Mar 2023 14:31

Tgt Ion:180	Resp:	1434
Ion Ratio	Lower	Upper
180	100	
182	104.3	48.0 144.2
145	30.8	17.7 53.1

