

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034537.D
 Acq On : 16 Mar 2023 11:52
 Operator : JC/MD
 Sample : 01901-01
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-031323

Quant Time: Mar 17 06:22:39 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)

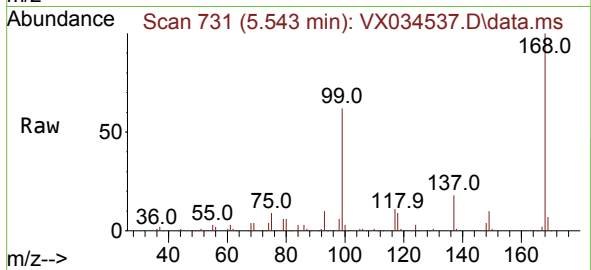
Internal Standards						
1) Pentafluorobenzene	5.543	168	243557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	412521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169766	47.912	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.820%		
35) Dibromofluoromethane	5.385	113	127801	46.923	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.840%		
50) Toluene-d8	8.646	98	499005	49.078	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.160%		
62) 4-Bromofluorobenzene	11.085	95	181697	44.242	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.480%		
Target Compounds						Qvalue
3) Chloromethane	1.306	50	575	Below Cal	#	83
11) Tert butyl alcohol	2.952	59	3762	5.099	ug/l #	77
13) Acrolein	2.251	56	270	0.463	ug/l #	66
15) Acrylonitrile	3.093	53	403	0.253	ug/l	94
17) Carbon Disulfide	2.477	76	1784	0.238	ug/l	97
20) Methylene Chloride	2.776	84	2103	0.649	ug/l	94
25) 2-Butanone	4.598	43	602	0.252	ug/l #	84
29) Tetrahydrofuran	5.043	42	815	0.553	ug/l #	69
31) Cyclohexane	5.537	56	6326	1.273	ug/l #	7
36) 1,1-Dichloropropene	5.543	75	20783	4.968	ug/l #	51
38) Carbon Tetrachloride	5.543	117	25128	6.038	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	97553	24.692	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	97553	66.799	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	788	0.209	ug/l	96
94) Hexachlorobutadiene	13.719	225	792	0.520	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	787	0.213	ug/l	95

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

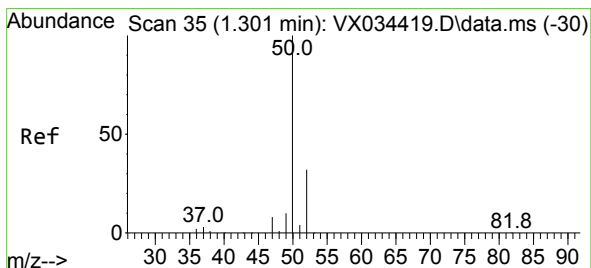
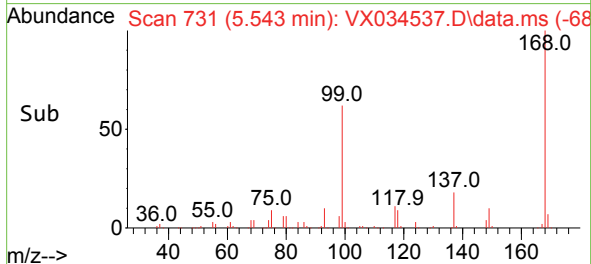
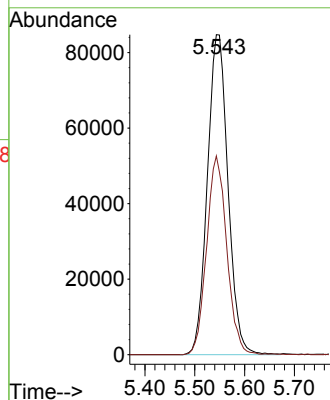


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
TR-04-031323

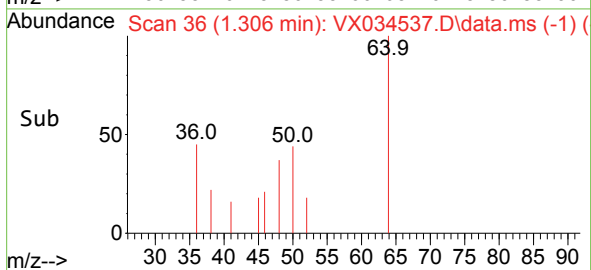
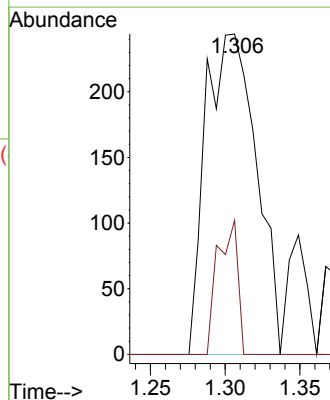
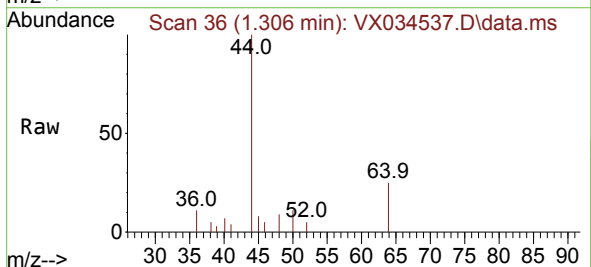


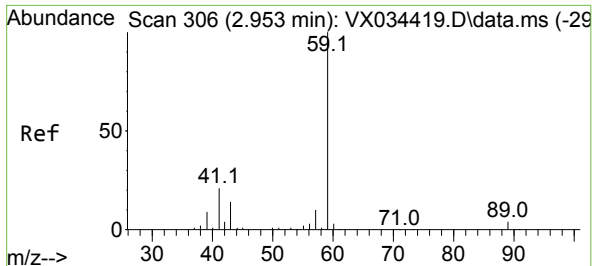
Tgt Ion:168 Resp: 243557
Ion Ratio Lower Upper
168 100
99 62.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.306 min Scan# 36
Delta R.T. 0.005 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

Tgt Ion: 50 Resp: 575
Ion Ratio Lower Upper
50 100
52 41.8 25.9 38.9#

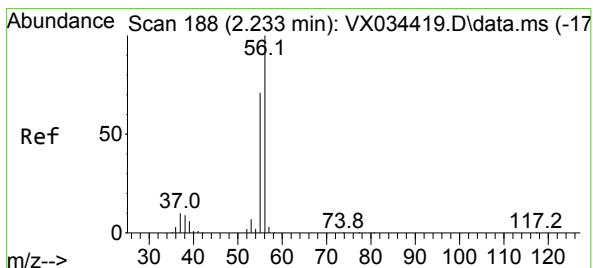
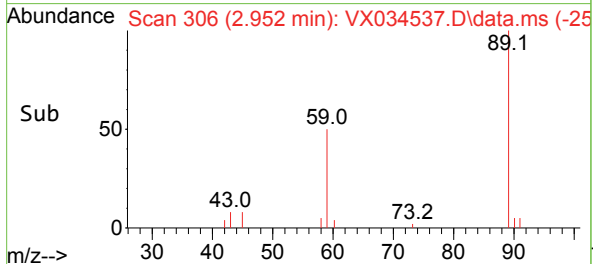
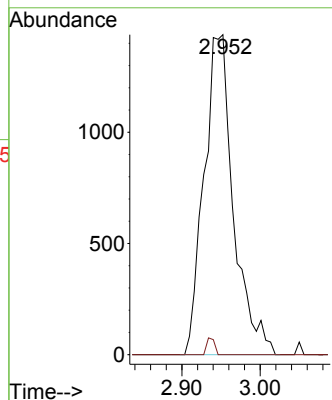
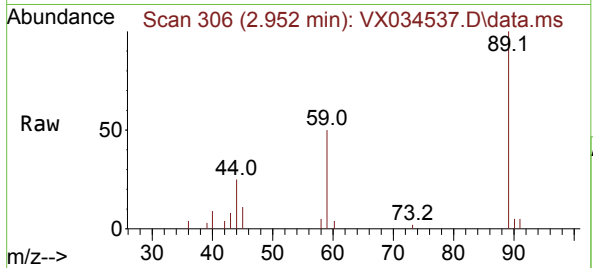




#11
Tert butyl alcohol
Concen: 5.099 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

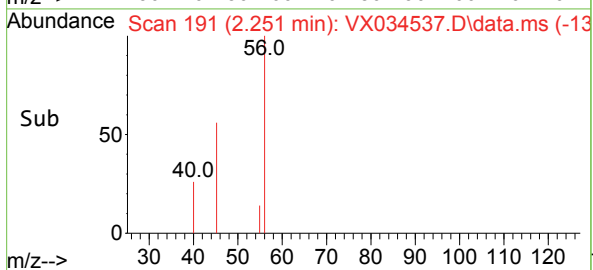
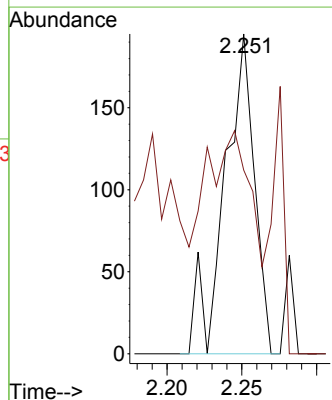
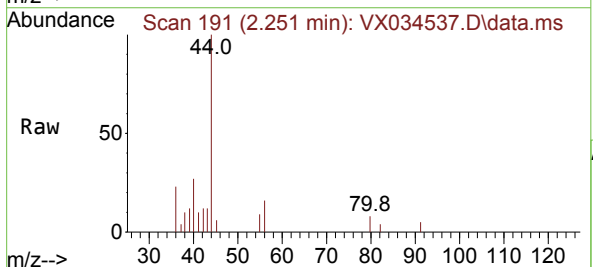
Instrument :
MSVOA_X
ClientSampleId :
TR-04-031323

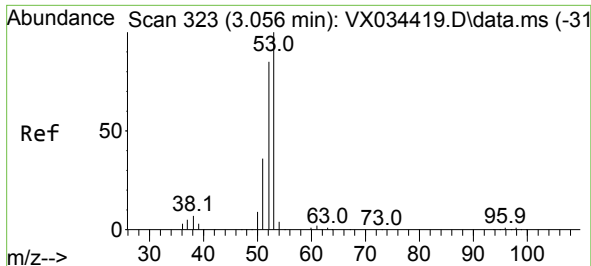
Tgt Ion: 59 Resp: 3762
Ion Ratio Lower Upper
59 100
57 1.4 8.1 12.1#



#13
Acrolein
Concen: 0.463 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.018 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

Tgt Ion: 56 Resp: 270
Ion Ratio Lower Upper
56 100
55 98.5 56.6 85.0#

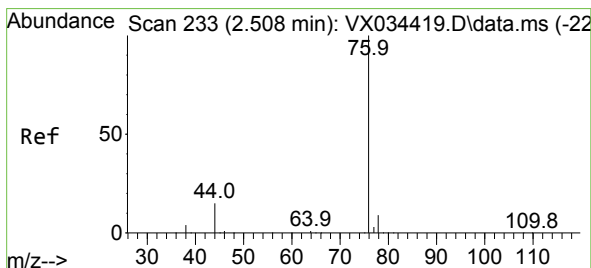
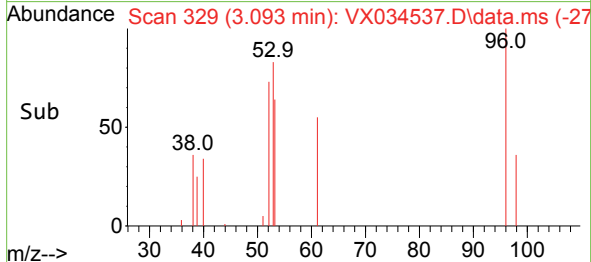
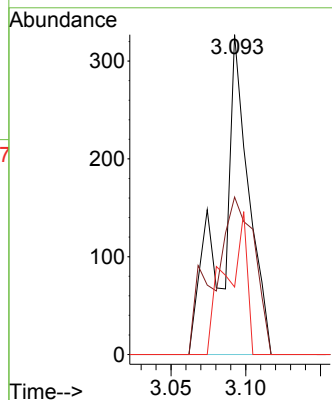
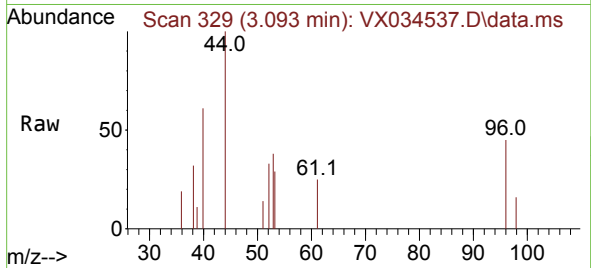




#15
Acrylonitrile
Concen: 0.253 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.037 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

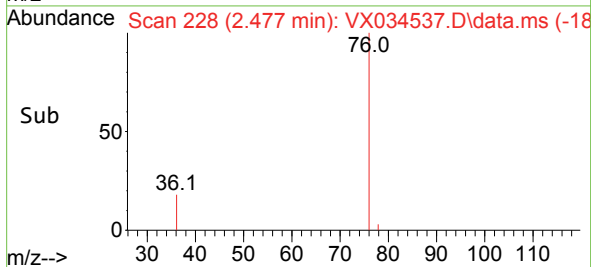
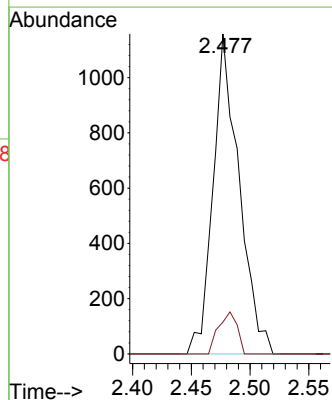
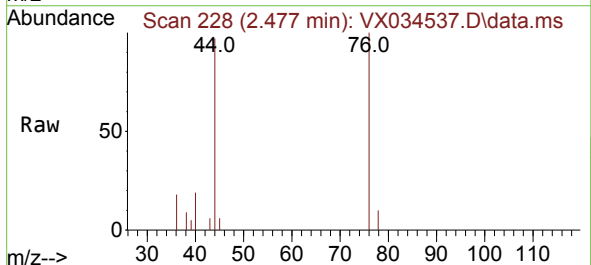
Instrument :
MSVOA_X
ClientSampleId :
TR-04-031323

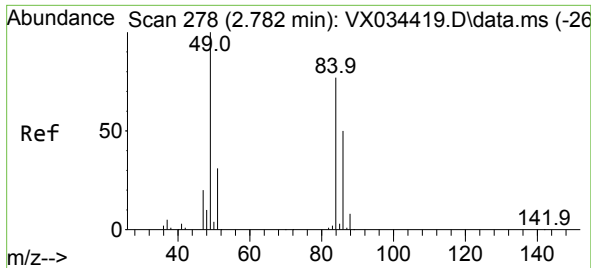
Tgt Ion: 53	Resp: 403
Ion Ratio	Lower Upper
53 100	
52 75.7	66.2 99.2
51 35.0	28.3 42.5



#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 2.477 min Scan# 228
Delta R.T. -0.031 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

Tgt Ion: 76	Resp:	1784	
Ion Ratio	Lower	Upper	
76 100			
78 9.9	7.2	10.8	

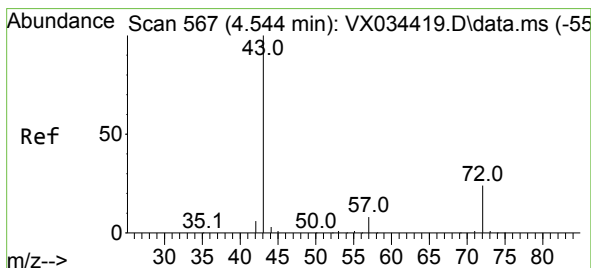
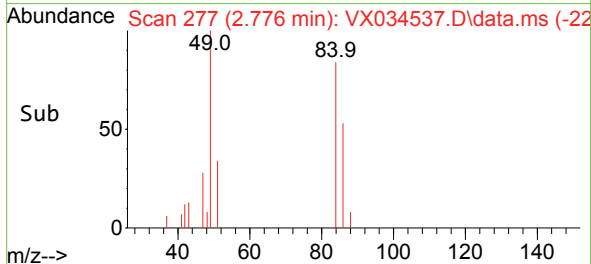
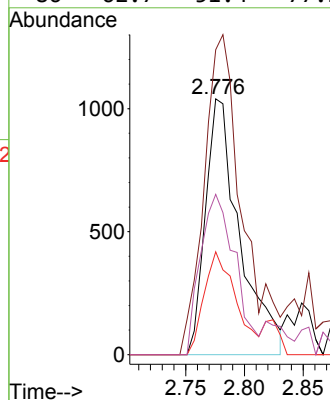
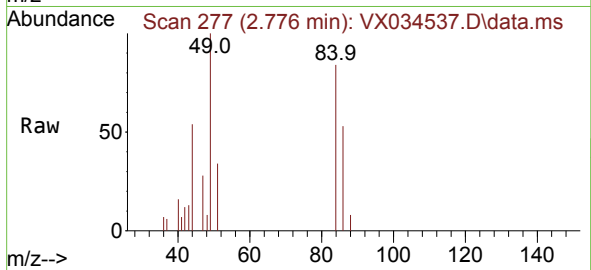




#20
Methylene Chloride
Concen: 0.649 ug/l
RT: 2.776 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

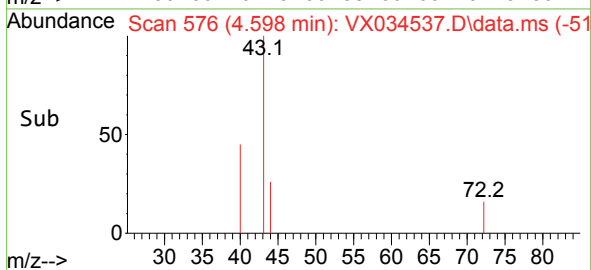
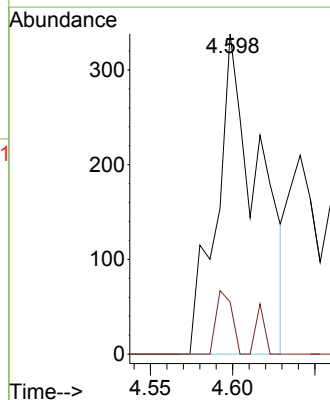
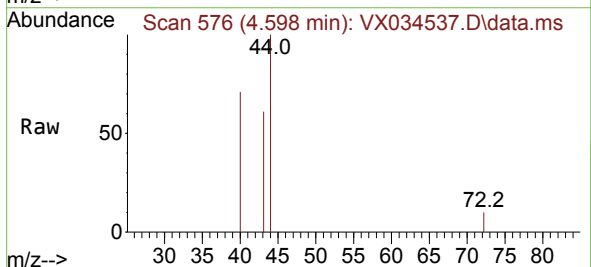
Instrument :
MSVOA_X
ClientSampleId :
TR-04-031323

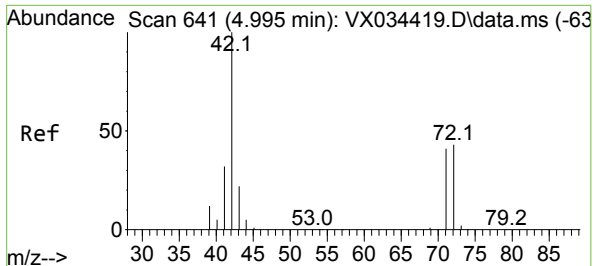
Tgt Ion:	84	Resp:	2103
Ion	Ratio	Lower	Upper
84	100		
49	119.2	103.8	155.8
51	40.2	31.8	47.8
86	62.7	51.4	77.2



#25
2-Butanone
Concen: 0.252 ug/l
RT: 4.598 min Scan# 576
Delta R.T. 0.055 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

Tgt Ion:	43	Resp:	602
Ion	Ratio	Lower	Upper
43	100		
72	16.3	19.3	28.9#





#29

Tetrahydrofuran

Concen: 0.553 ug/l

RT: 5.043 min Scan# 641

Delta R.T. 0.048 min

Lab File: VX034537.D

Acq: 16 Mar 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

TR-04-031323

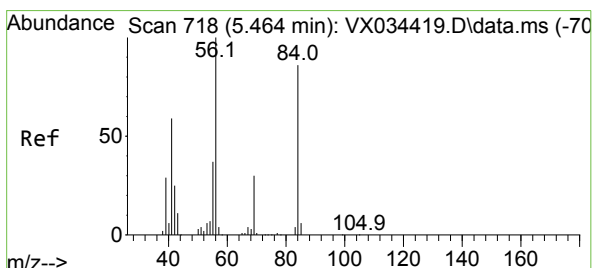
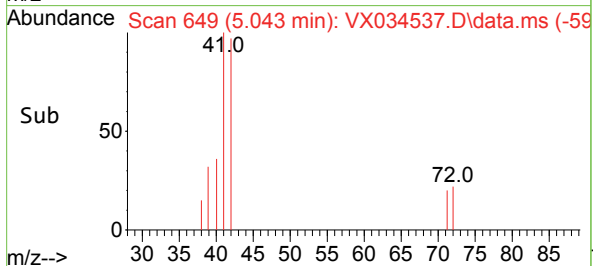
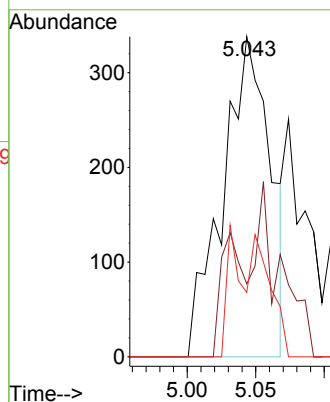
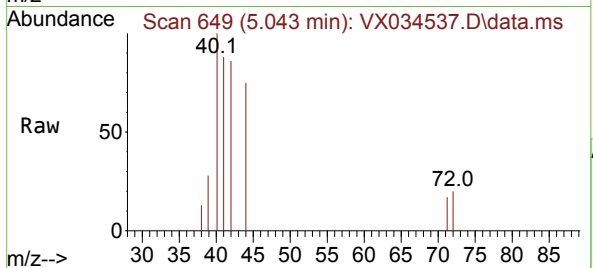
Tgt Ion: 42 Resp: 815

Ion Ratio Lower Upper

42 100

72 28.7 34.5 51.7#

71 15.8 32.1 48.1#



#31

Cyclohexane

Concen: 1.273 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX034537.D

Acq: 16 Mar 2023 11:52

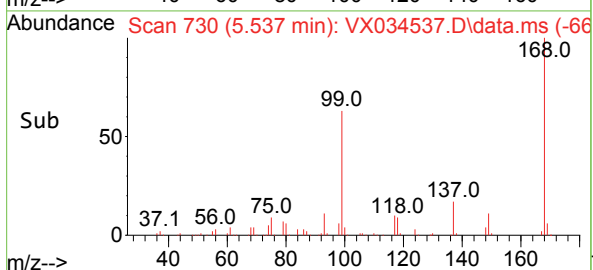
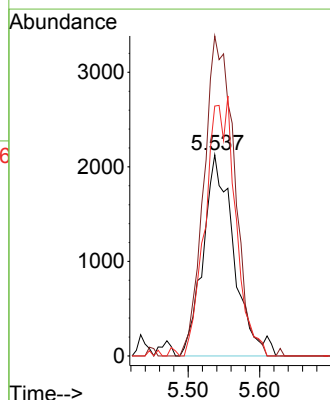
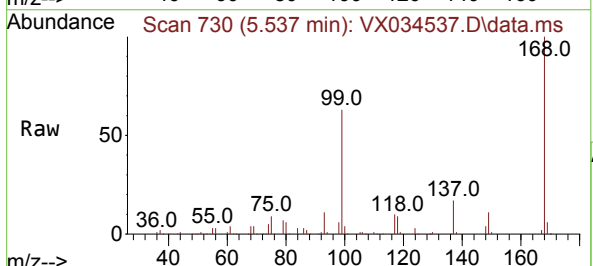
Tgt Ion: 56 Resp: 6326

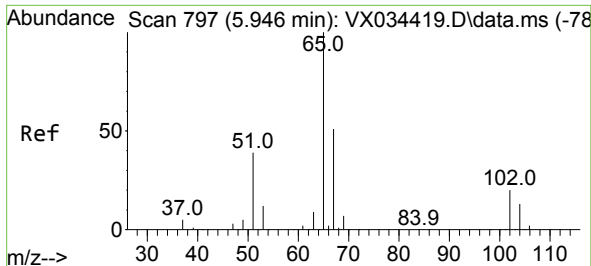
Ion Ratio Lower Upper

56 100

69 159.1 23.7 35.5#

84 124.2 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.912 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034537.D

Acq: 16 Mar 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

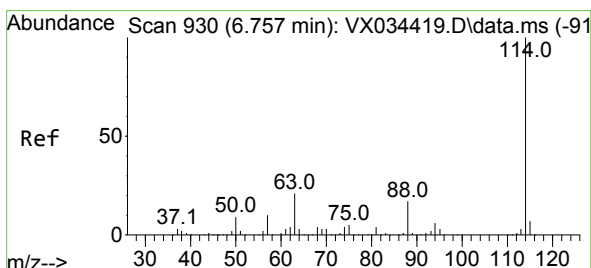
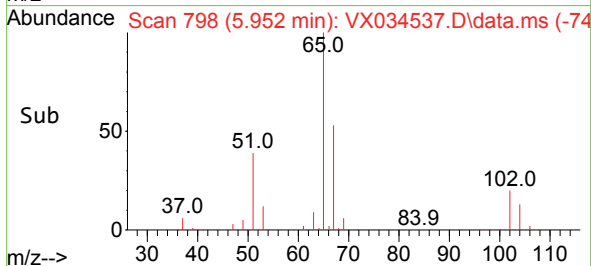
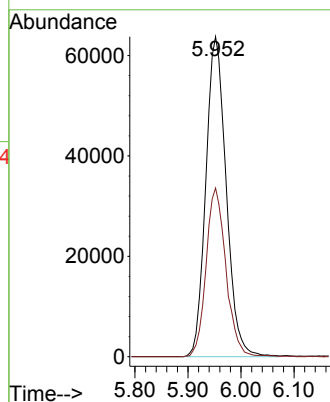
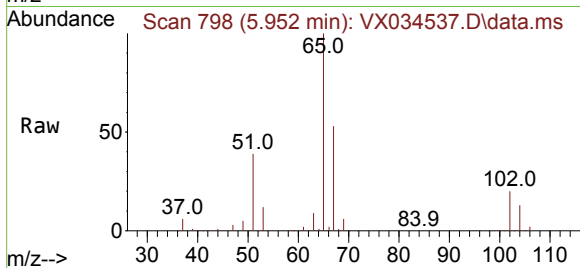
TR-04-031323

Tgt Ion: 65 Resp: 169766

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034537.D

Acq: 16 Mar 2023 11:52

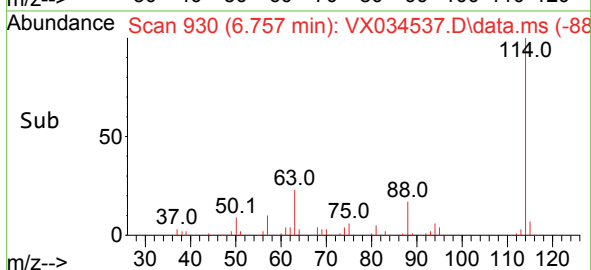
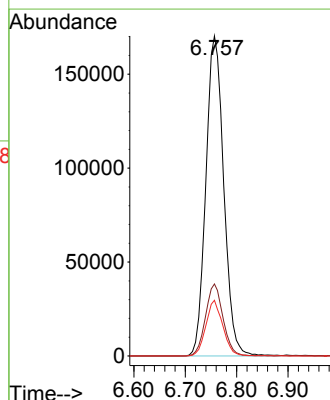
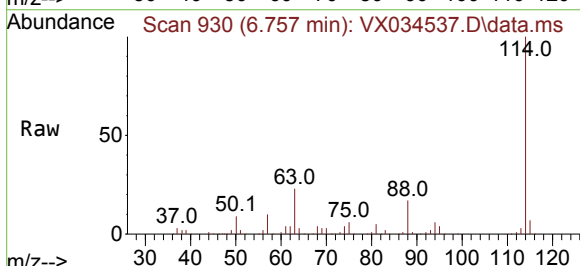
Tgt Ion: 114 Resp: 412521

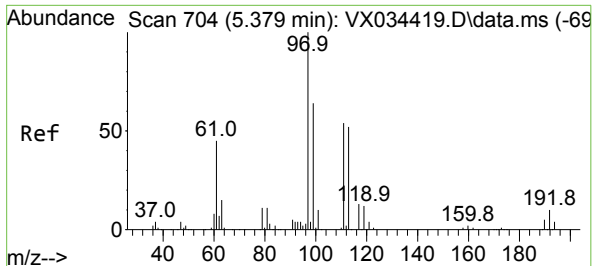
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.2

88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.923 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034537.D

Acq: 16 Mar 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

TR-04-031323

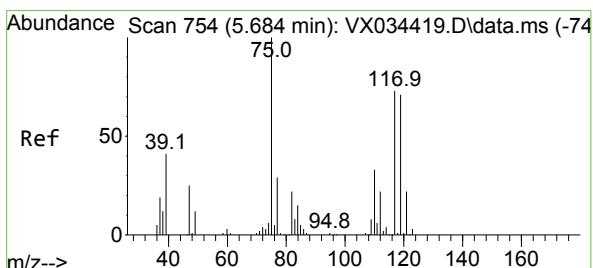
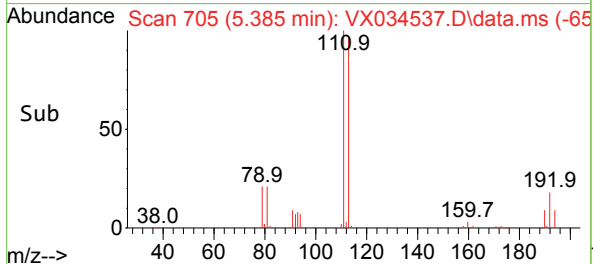
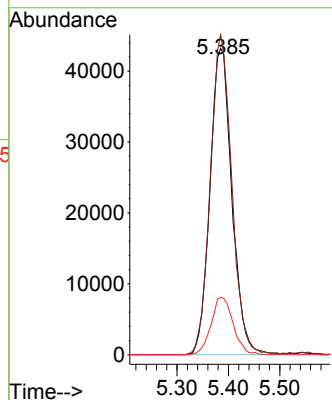
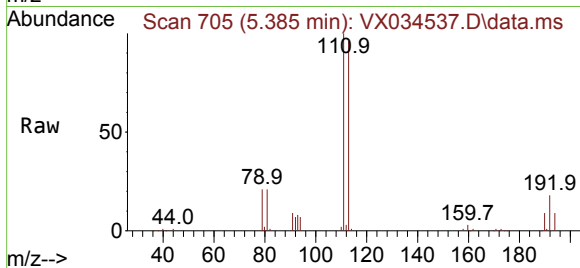
Tgt Ion:113 Resp: 127801

Ion Ratio Lower Upper

113 100

111 102.4 83.7 125.5

192 18.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.968 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.141 min

Lab File: VX034537.D

Acq: 16 Mar 2023 11:52

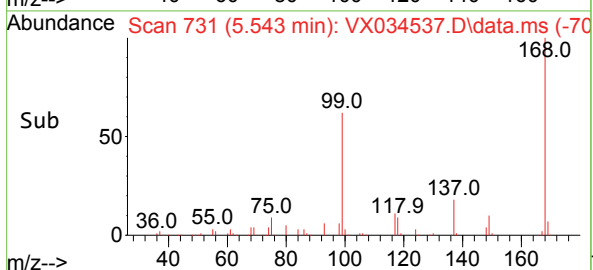
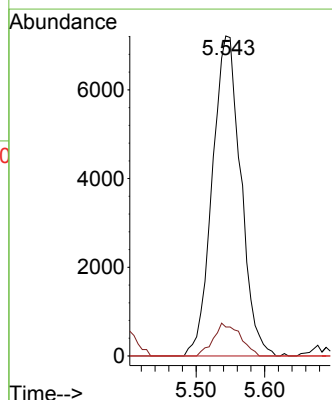
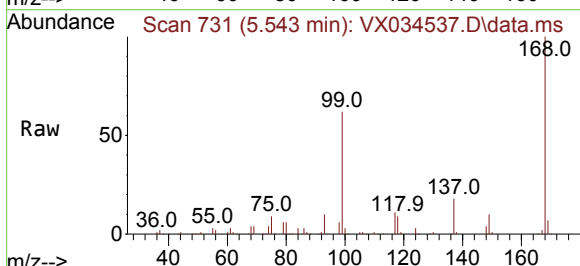
Tgt Ion: 75 Resp: 20783

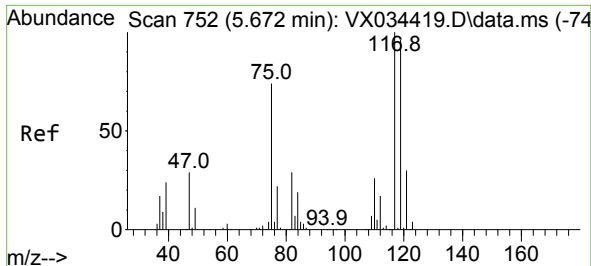
Ion Ratio Lower Upper

75 100

110 9.6 17.5 52.5#

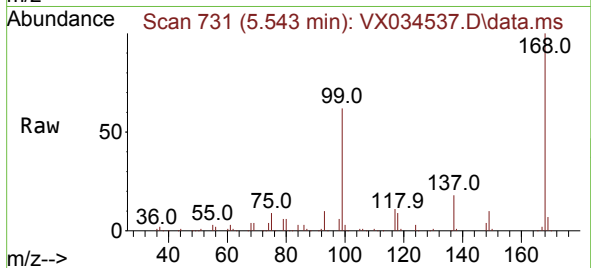
77 0.0 24.3 36.5#



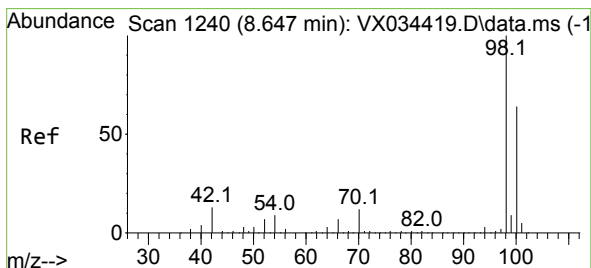
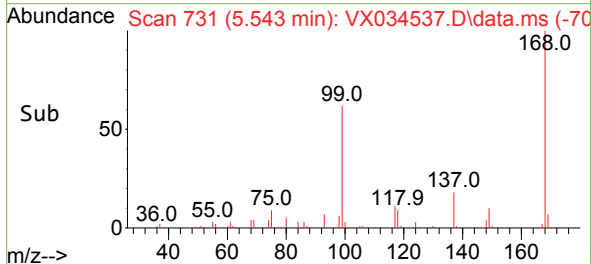
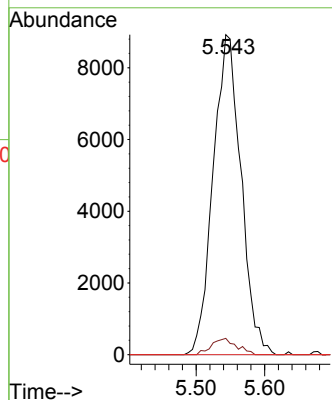


#38
Carbon Tetrachloride
Concen: 6.038 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
TR-04-031323

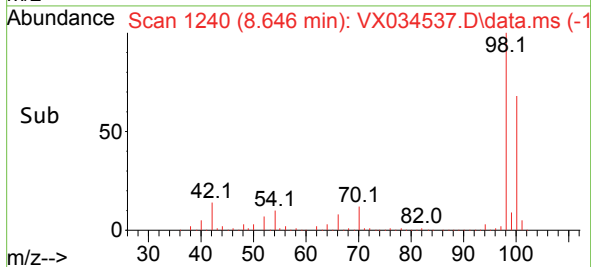
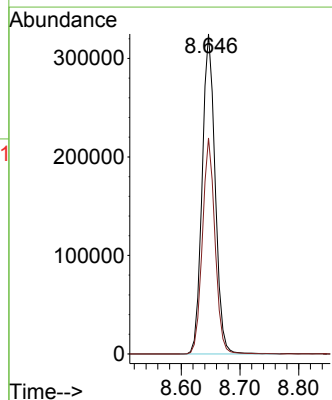
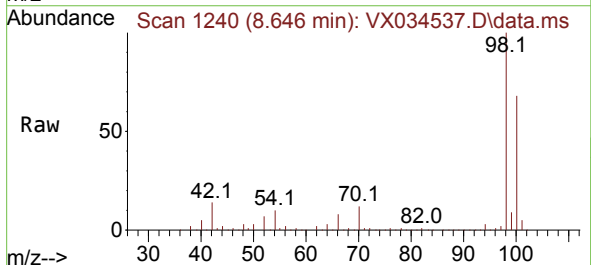


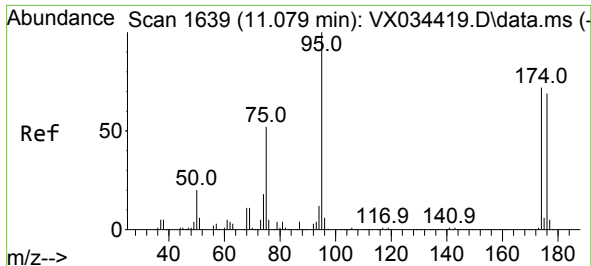
Tgt Ion:117 Resp: 25128
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.078 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

Tgt Ion: 98 Resp: 499005
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

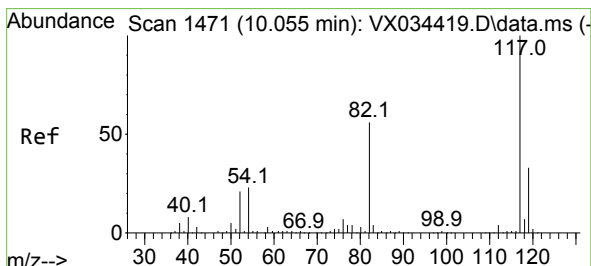
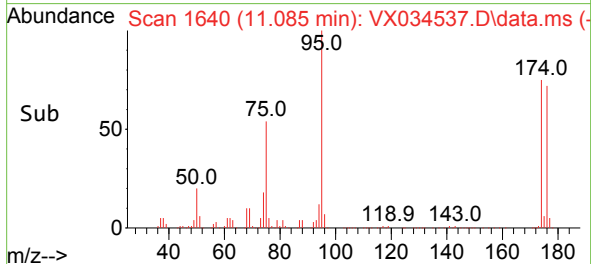
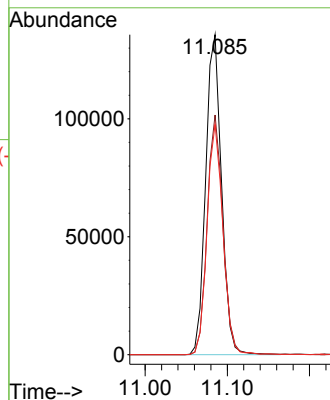
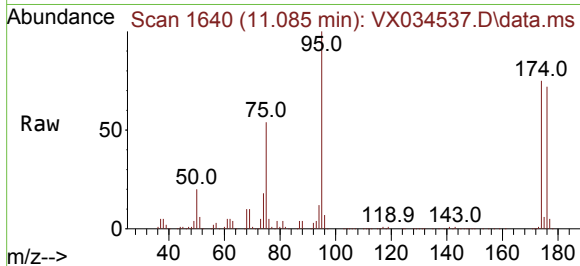




#62
4-Bromofluorobenzene
Concen: 44.242 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

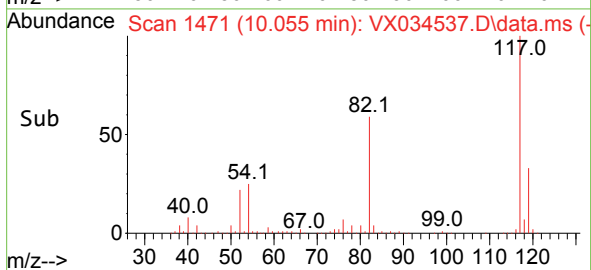
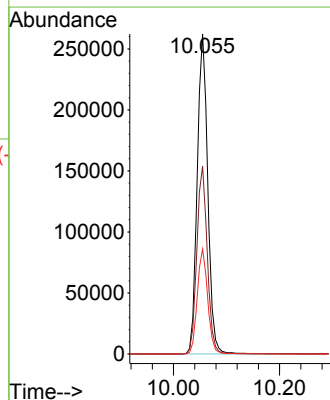
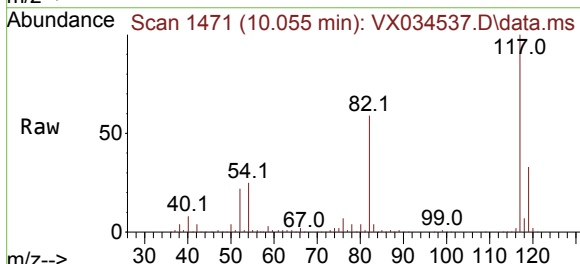
Instrument :
MSVOA_X
ClientSampleId :
TR-04-031323

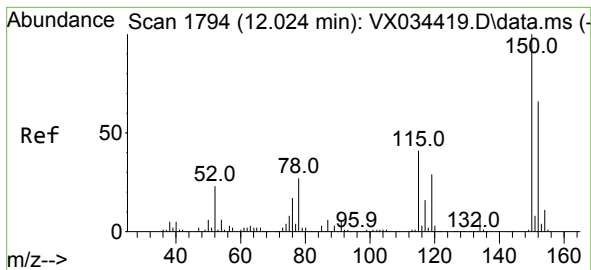
Tgt Ion: 95 Resp: 181697
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.4
176 71.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

Tgt Ion: 117 Resp: 361940
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 32.8 26.0 39.0

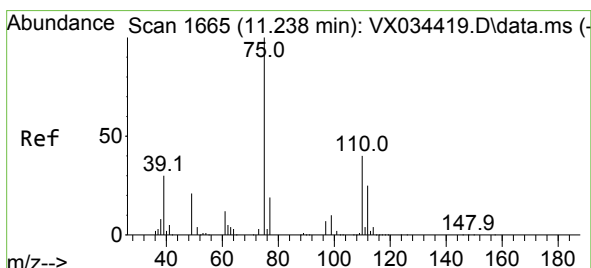
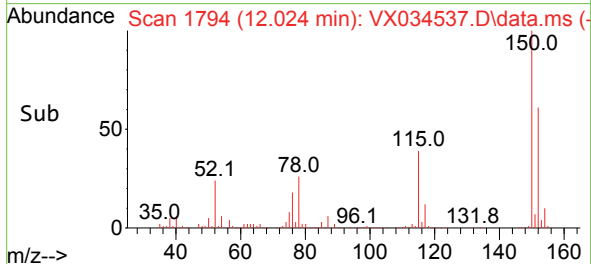
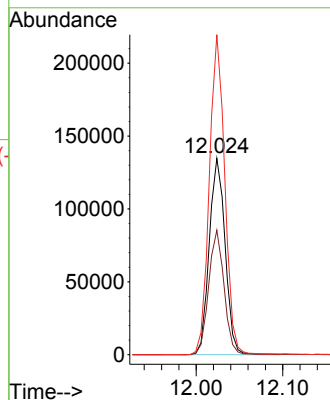
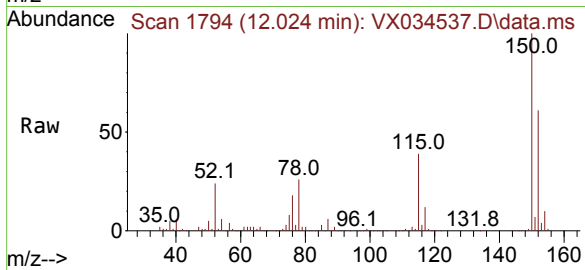




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034537.D
 Acq: 16 Mar 2023 11:52

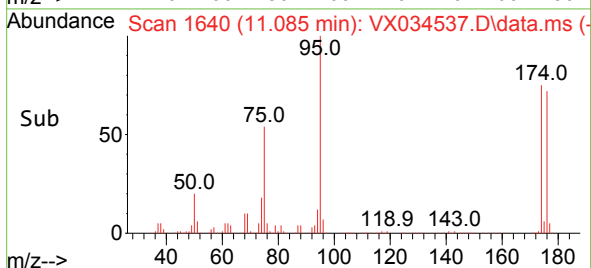
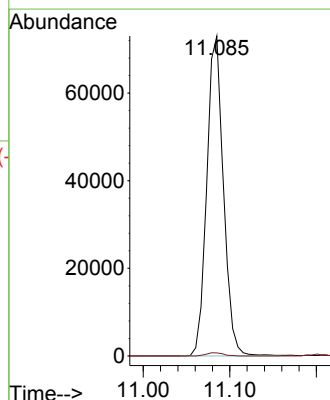
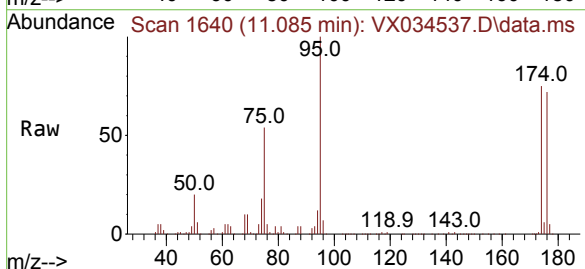
Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-031323

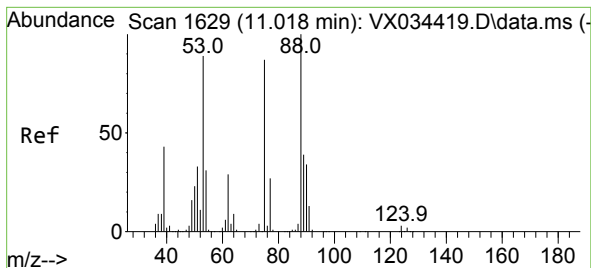
Tgt Ion:152 Resp: 172064
 Ion Ratio Lower Upper
 152 100
 115 61.3 45.0 135.0
 150 157.9 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 24.692 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.153 min
 Lab File: VX034537.D
 Acq: 16 Mar 2023 11:52

Tgt Ion: 75 Resp: 97553
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#

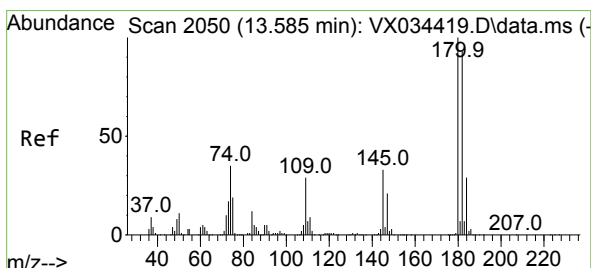
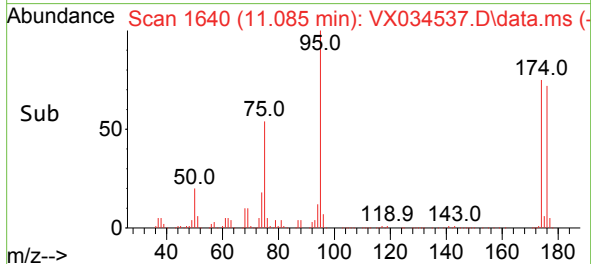
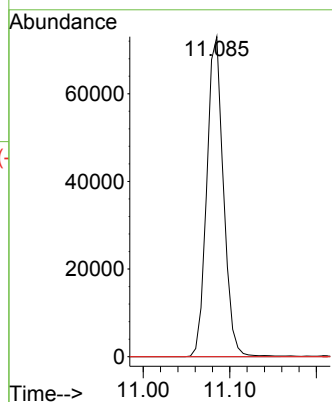
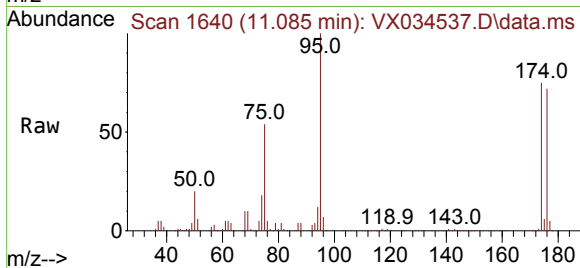




#81
trans-1,4-Dichloro-2-butene
Concen: 66.799 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

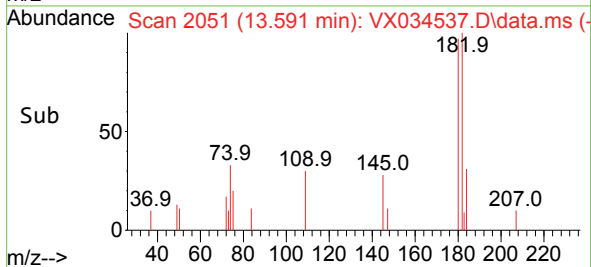
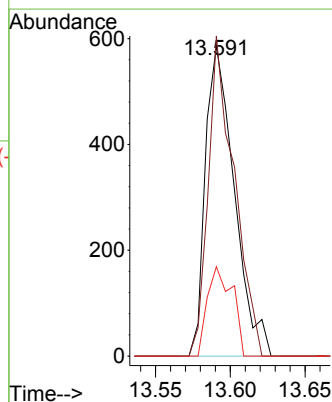
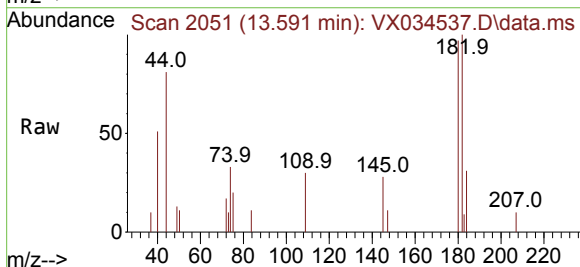
Instrument :
MSVOA_X
ClientSampleId :
TR-04-031323

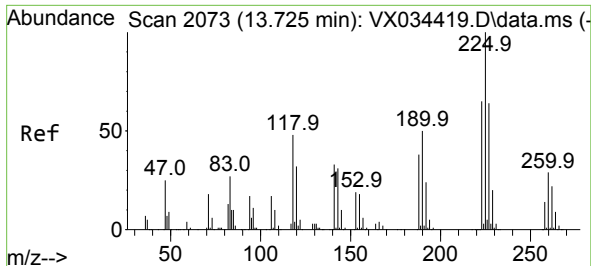
Tgt Ion: 75 Resp: 97553
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.209 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

Tgt Ion: 180 Resp: 788
Ion Ratio Lower Upper
180 100
182 92.6 47.0 141.0
145 24.9 15.9 47.7

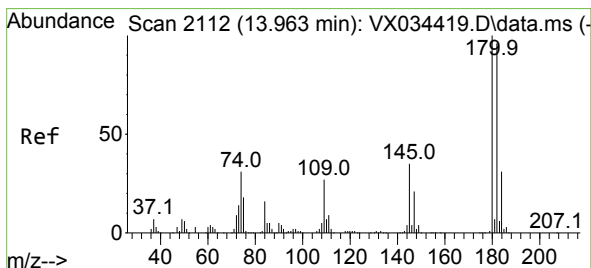
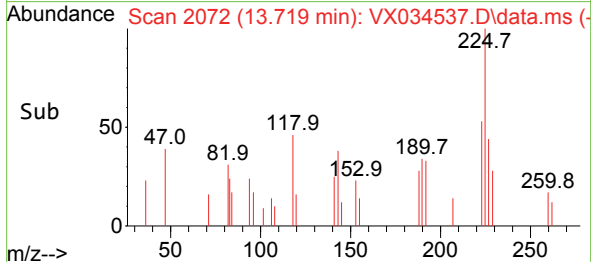
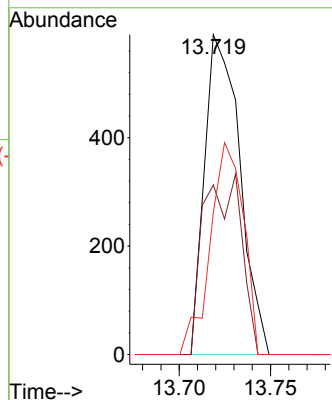
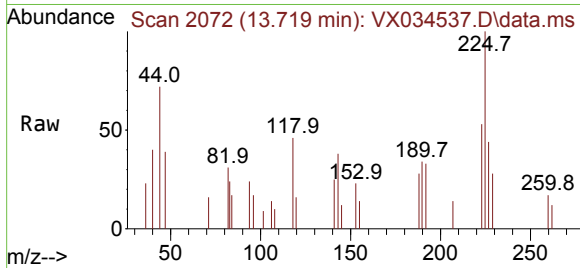




#94
Hexachlorobutadiene
Concen: 0.520 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
TR-04-031323

Tgt Ion:	225	Resp:	792
Ion Ratio	Lower	Upper	
225	100		
223	60.2	32.1	96.5
227	62.5	31.8	95.4



#96
1,2,3-Trichlorobenzene
Concen: 0.213 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034537.D
Acq: 16 Mar 2023 11:52

Tgt Ion:	180	Resp:	787
Ion Ratio	Lower	Upper	
180	100		
182	93.4	48.0	144.2
145	30.0	17.7	53.1

