

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030223\
 Data File : VX034297.D
 Acq On : 02 Mar 2023 10:13
 Operator : JC/MD
 Sample : VX0302MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302MBL01

Quant Time: Mar 03 00:19:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

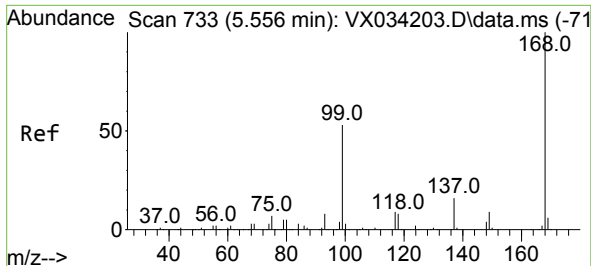
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	292664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	484191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	174607	44.300	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.600%		
35) Dibromofluoromethane	5.379	113	153338	48.639	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.280%		
50) Toluene-d8	8.646	98	584426	51.633	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.260%		
62) 4-Bromofluorobenzene	11.079	95	199126	45.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.980%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	351	Below Cal	#	69
11) Tert butyl alcohol	2.934	59	1348	1.529	ug/l #	86
13) Acrolein	2.227	56	463	1.151	ug/l #	40
15) Acrylonitrile	3.074	53	1075	0.559	ug/l	90
16) Acetone	2.379	43	1709	0.841	ug/l #	81
17) Carbon Disulfide	2.513	76	4143	0.455	ug/l	99
21) trans-1,2-Dichloroethene	3.092	96	744	0.224	ug/l #	74
31) Cyclohexane	5.543	56	6106	1.038	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	22101	4.740	ug/l #	48
38) Carbon Tetrachloride	5.543	117	28060	5.849	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	99762	20.820	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	99762	53.486	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	1363	0.331	ug/l	95
94) Hexachlorobutadiene	13.725	225	987	0.579	ug/l	99
95) Naphthalene	13.780	128	5190	0.374	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1469	0.360	ug/l	95

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

Quant Time: Mar 03 00:19:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
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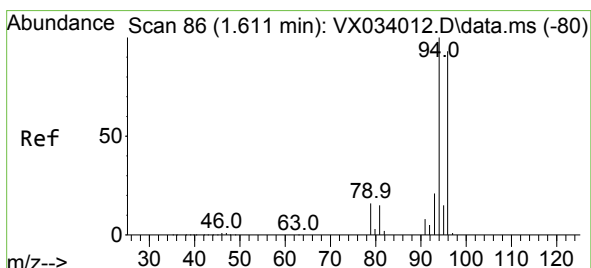
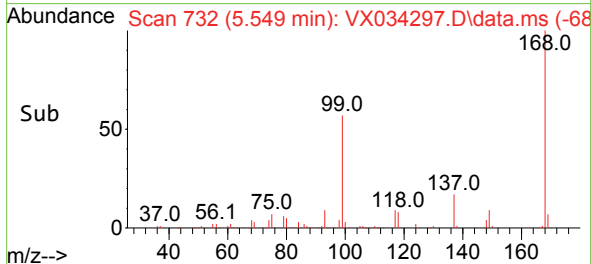
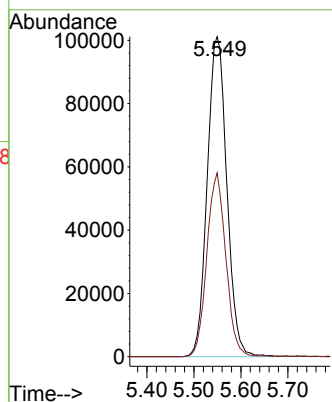
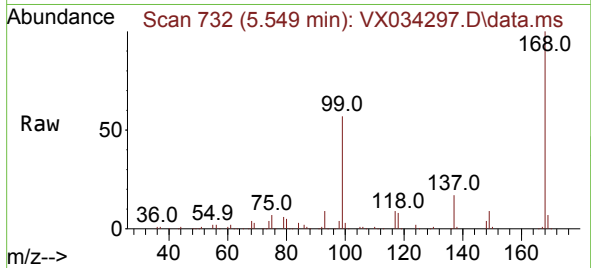




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

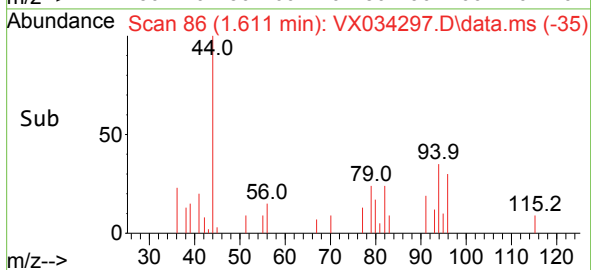
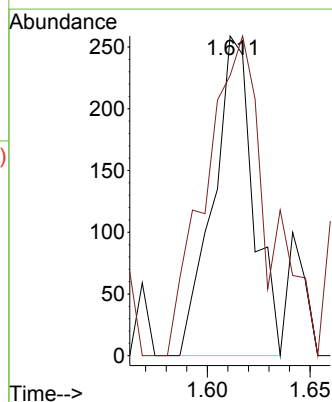
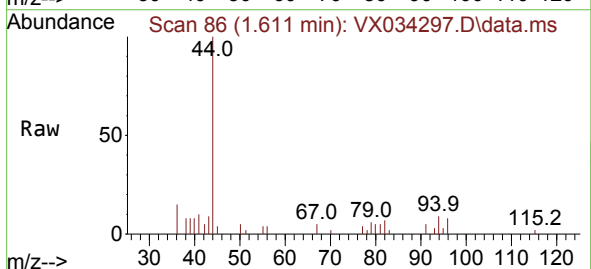
Instrument :
MSVOA_X
ClientSampleId :
VX0302MBL01

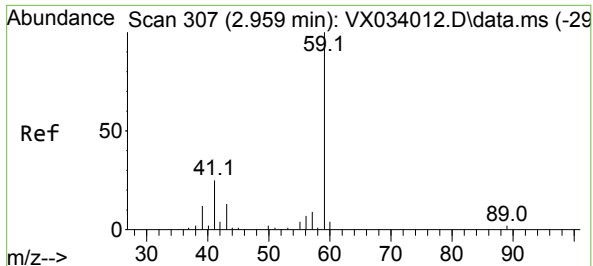
Tgt Ion:168 Resp: 292664
Ion Ratio Lower Upper
168 100
99 57.4 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

Tgt Ion: 94 Resp: 351
Ion Ratio Lower Upper
94 100
96 63.3 74.3 111.5#





#11

Tert butyl alcohol

Concen: 1.529 ug/l

RT: 2.934 min Scan# 307

Delta R.T. -0.019 min

Lab File: VX034297.D

Acq: 02 Mar 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

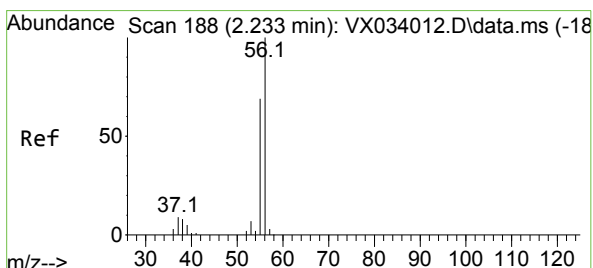
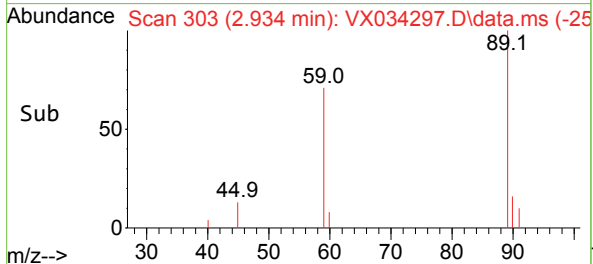
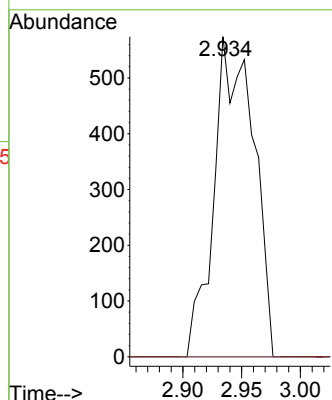
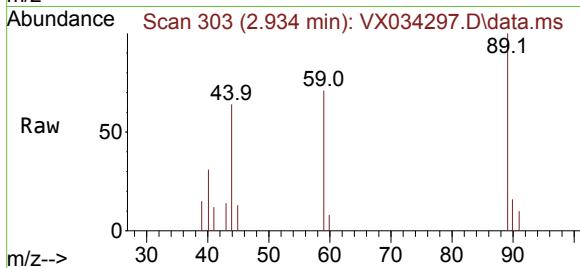
VX0302MBL01

Tgt Ion: 59 Resp: 1348

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 1.151 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX034297.D

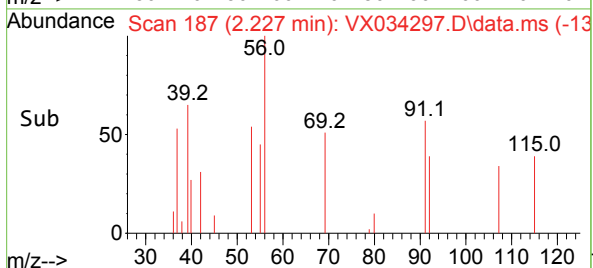
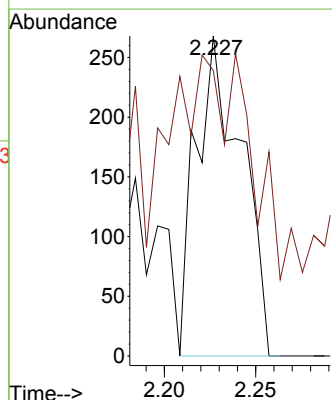
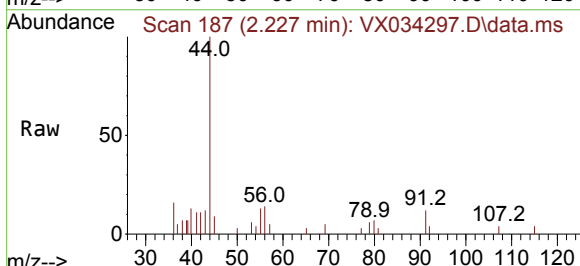
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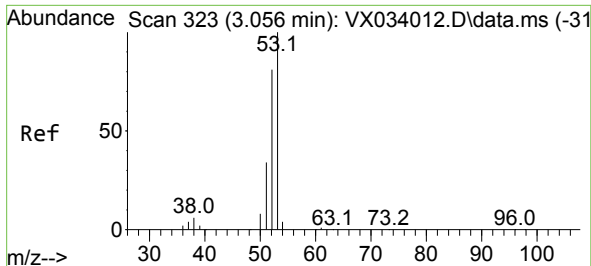
Tgt Ion: 56 Resp: 463

Ion Ratio Lower Upper

56 100

55 119.7 56.3 84.5#

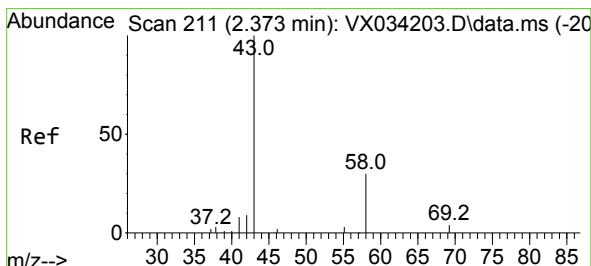
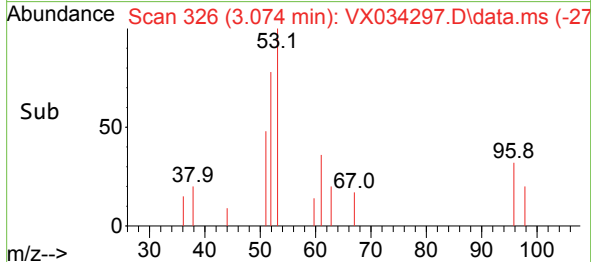
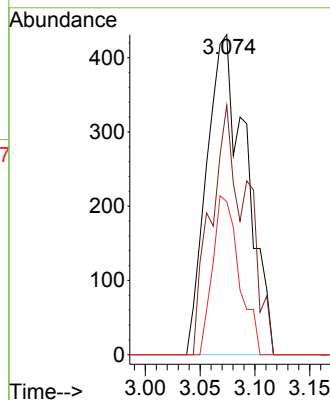
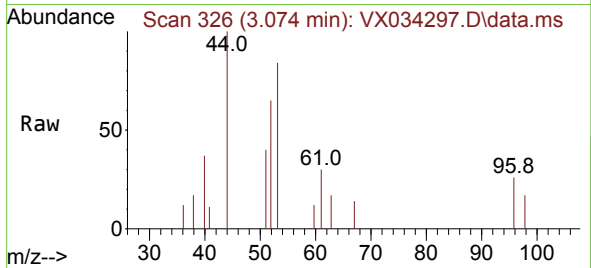




#15
Acrylonitrile
Concen: 0.559 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

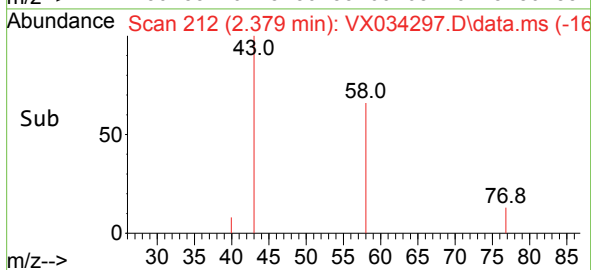
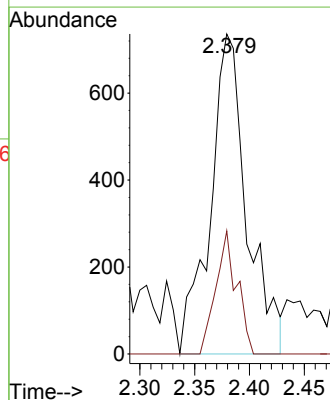
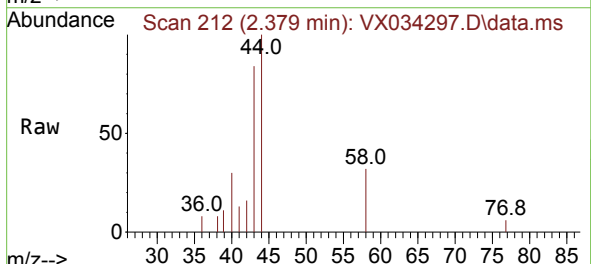
Instrument :
MSVOA_X
ClientSampleId :
VX0302MBL01

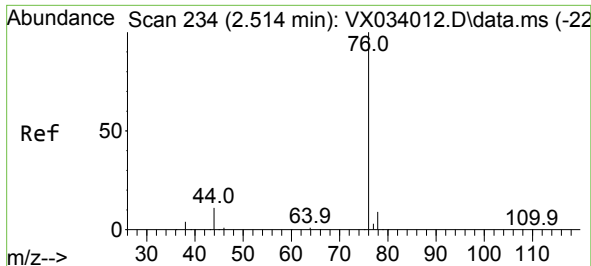
Tgt Ion: 53 Resp: 1075
Ion Ratio Lower Upper
53 100
52 71.3 65.7 98.5
51 33.6 29.0 43.4



#16
Acetone
Concen: 0.841 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
58 38.5 22.6 33.8#

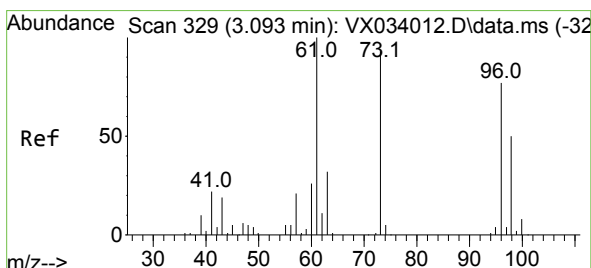
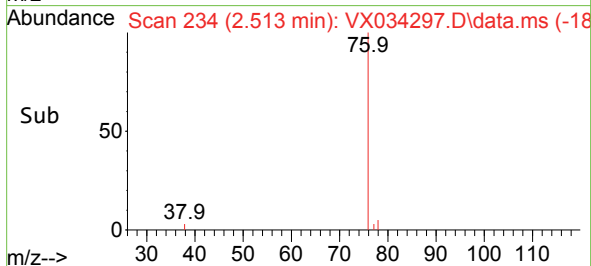
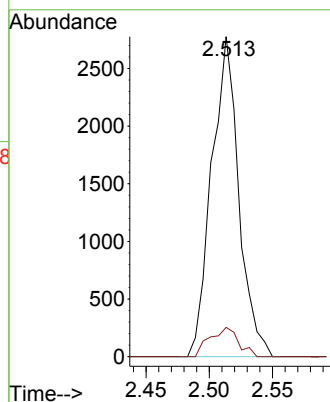
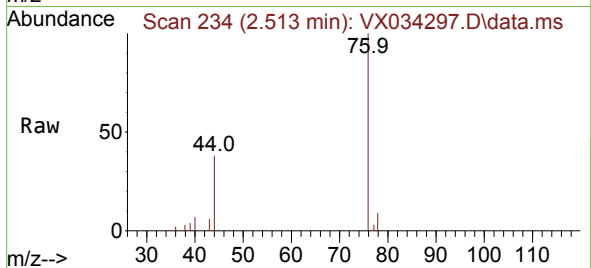




#17
Carbon Disulfide
Concen: 0.455 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

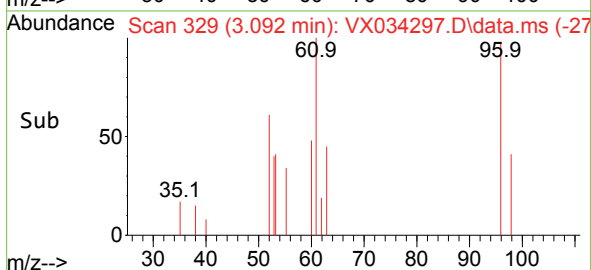
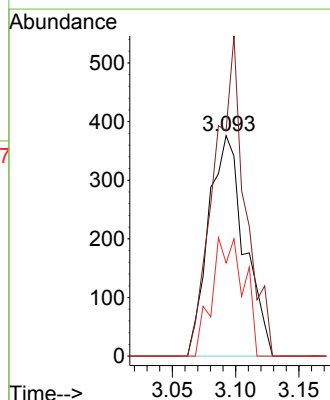
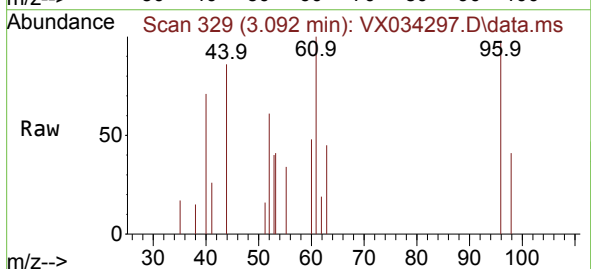
Instrument :
MSVOA_X
ClientSampleId :
VX0302MBL01

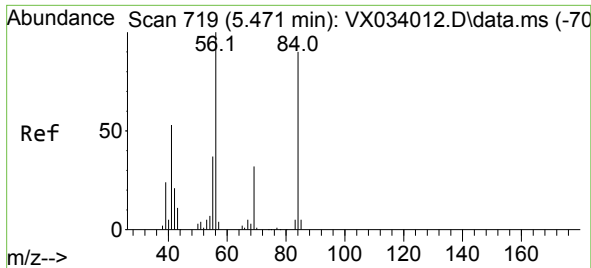
Tgt Ion: 76 Resp: 4143
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#21
trans-1,2-Dichloroethene
Concen: 0.224 ug/l
RT: 3.092 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

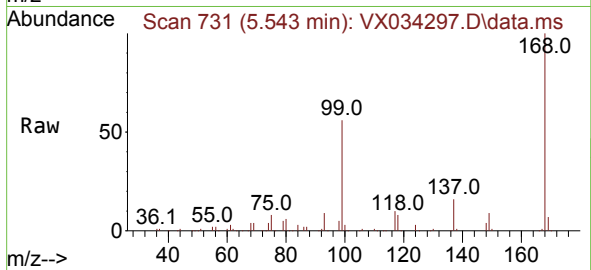
Tgt Ion: 96 Resp: 744
Ion Ratio Lower Upper
96 100
61 102.4 106.7 160.1#
98 42.3 50.0 75.0#



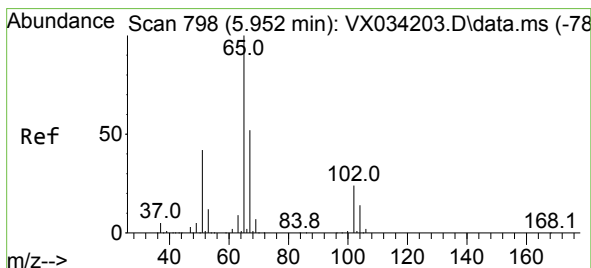
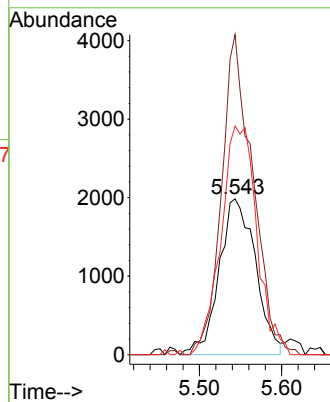
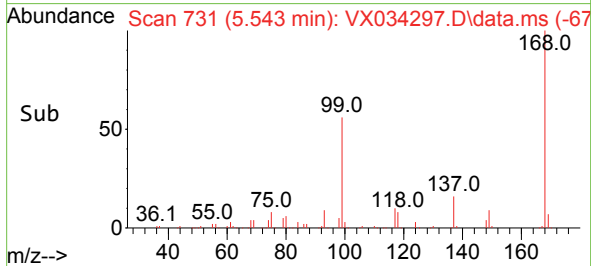


#31
Cyclohexane
Concen: 1.038 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0302MBL01

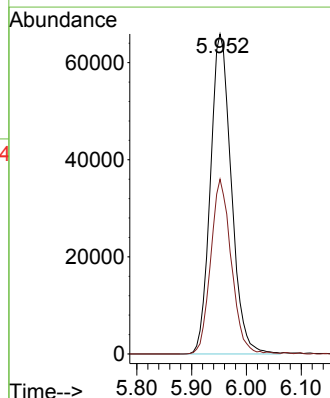
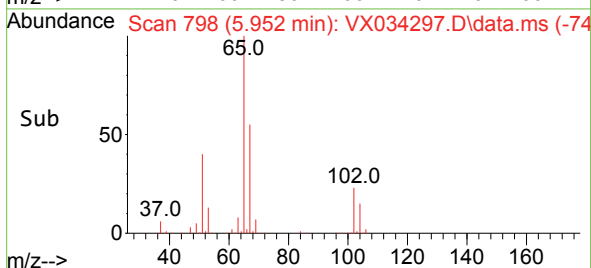
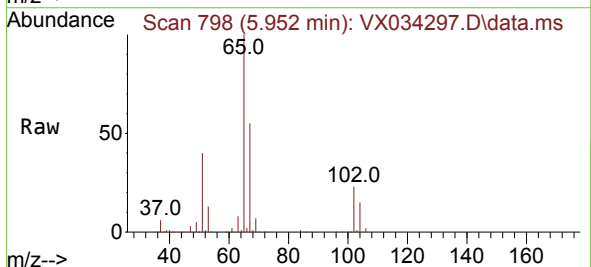


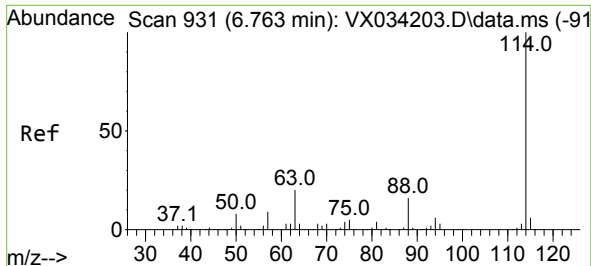
Tgt Ion: 56 Resp: 6106
Ion Ratio Lower Upper
56 100
69 205.4 24.6 37.0#
84 144.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 44.300 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

Tgt Ion: 65 Resp: 174607
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8

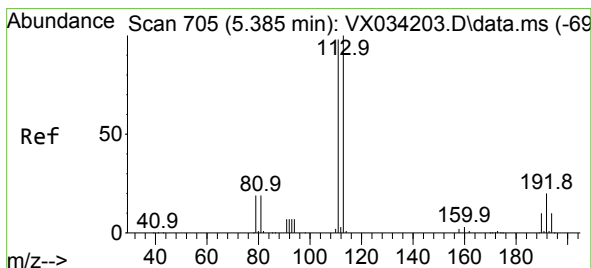
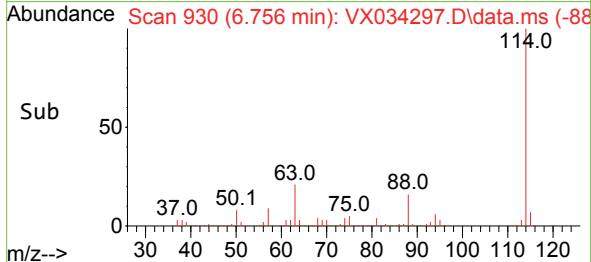
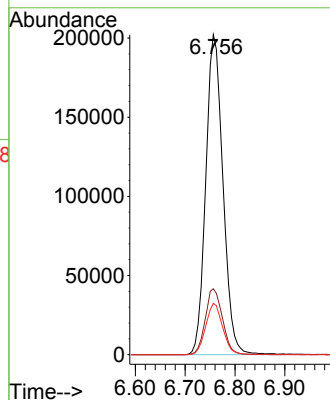
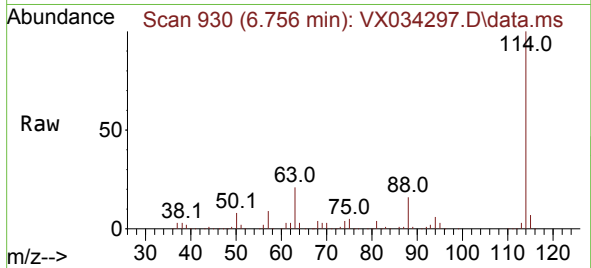




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

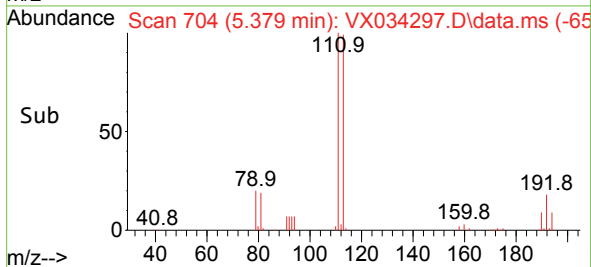
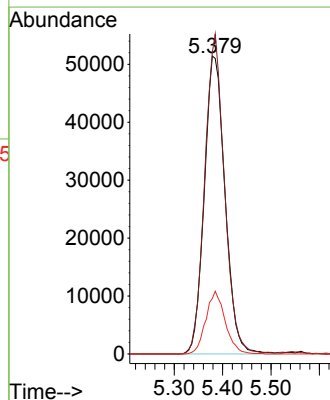
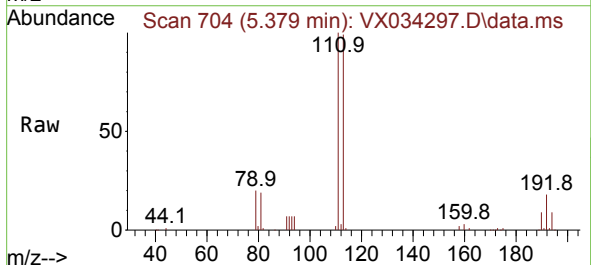
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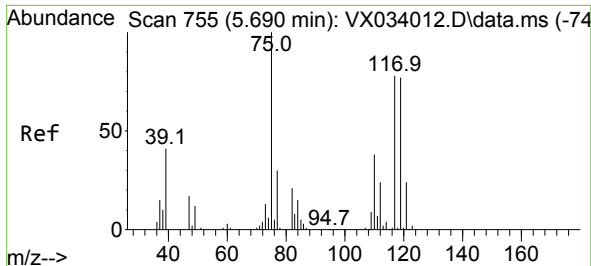
Tgt Ion:114 Resp: 484191
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.4
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.639 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

Tgt Ion:113 Resp: 153338
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 19.7 19.0 28.4

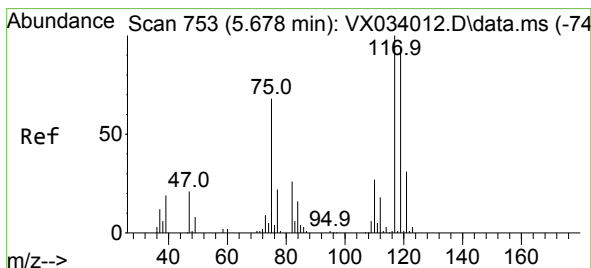
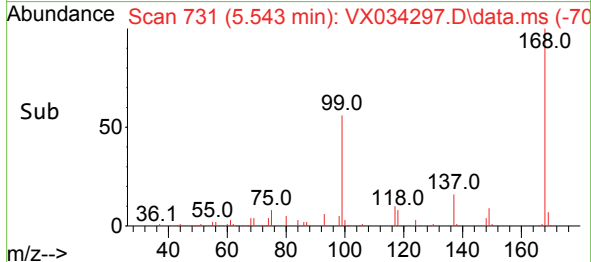
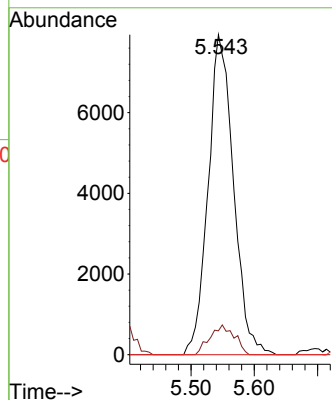
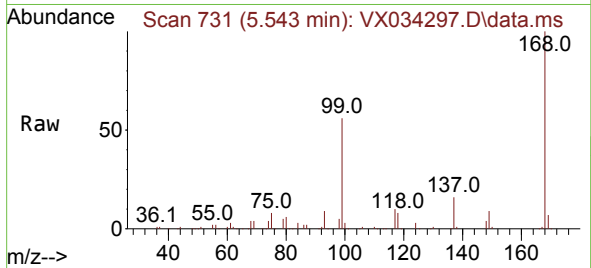




#36
1,1-Dichloropropene
Concen: 4.740 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

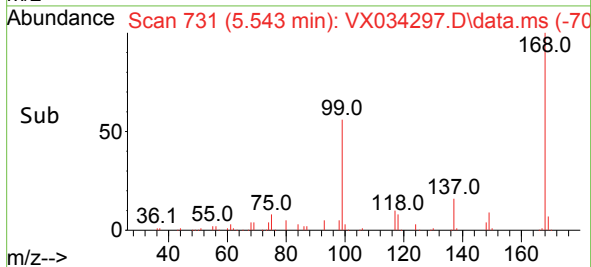
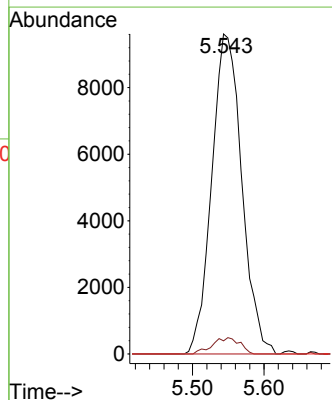
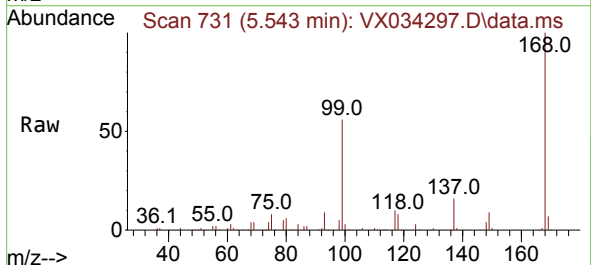
Instrument :
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VX0302MBL01

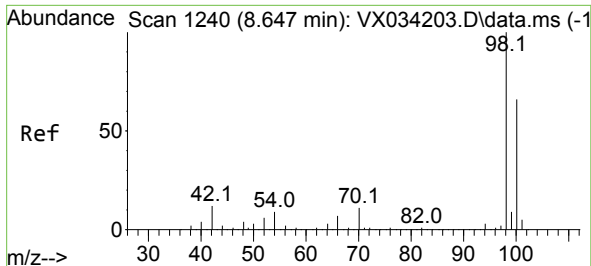
Tgt Ion: 75 Resp: 22101
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.849 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

Tgt Ion: 117 Resp: 28060
Ion Ratio Lower Upper
117 100
119 4.1 78.0 117.0#
121 0.0 24.4 36.6#

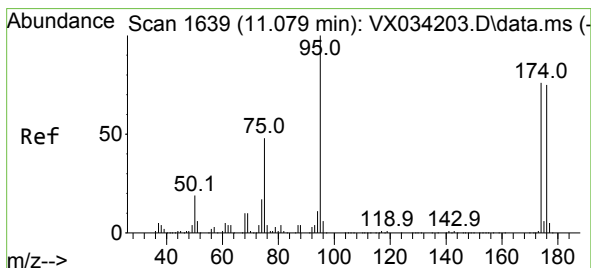
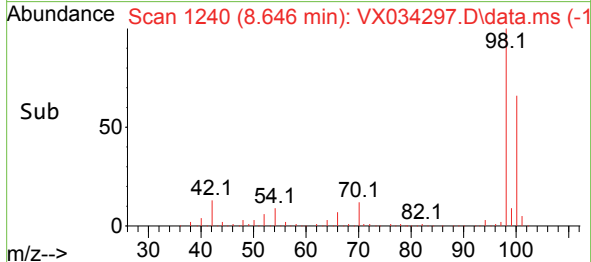
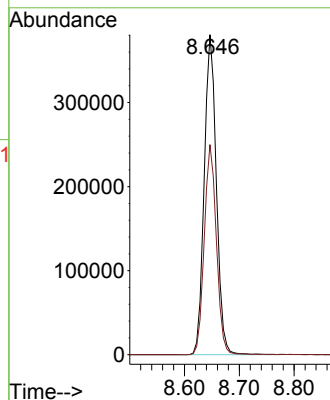
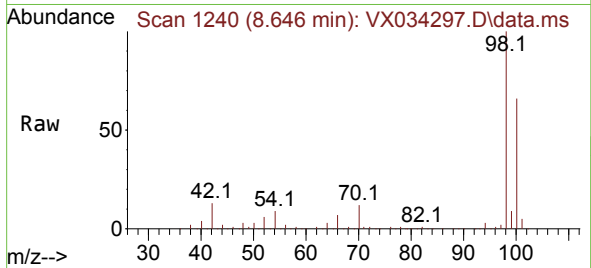




#50
Toluene-d8
Concen: 51.633 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

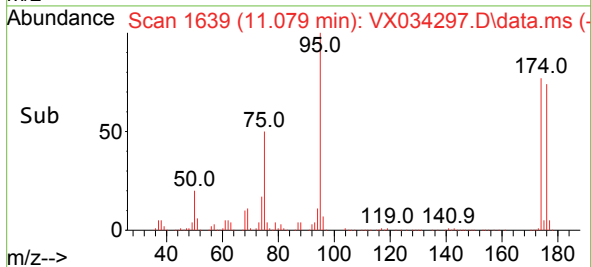
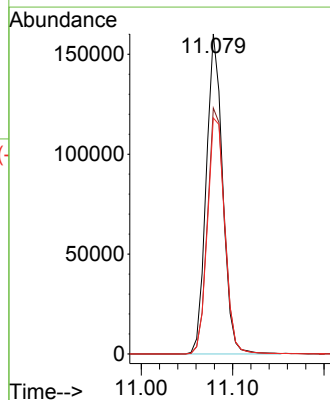
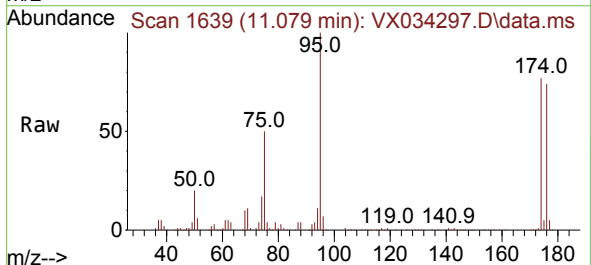
Instrument :
MSVOA_X
ClientSampleId :
VX0302MBL01

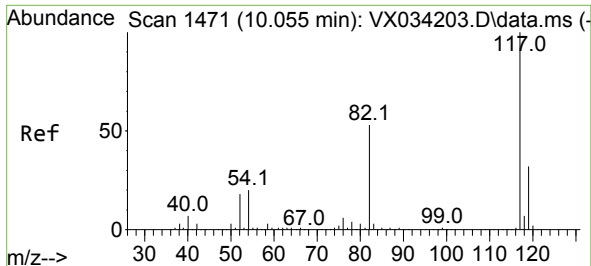
Tgt Ion: 98 Resp: 584426
Ion Ratio Lower Upper
98 100
100 65.6 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

Tgt Ion: 95 Resp: 199126
Ion Ratio Lower Upper
95 100
174 80.6 0.0 184.4
176 78.5 0.0 178.8

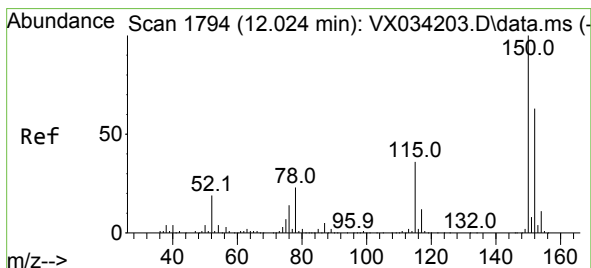
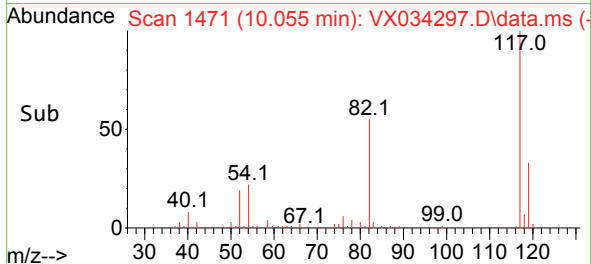
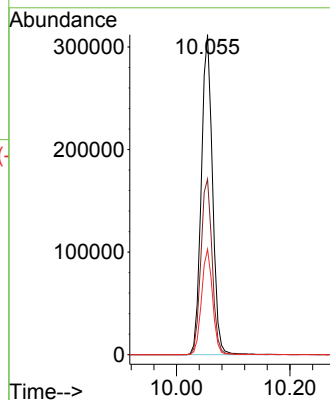
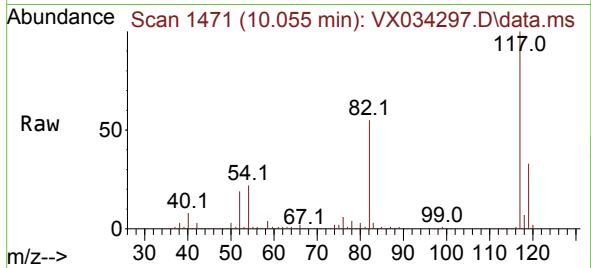




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

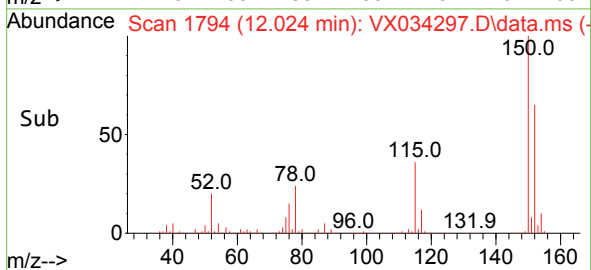
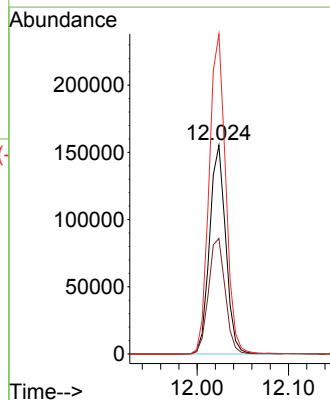
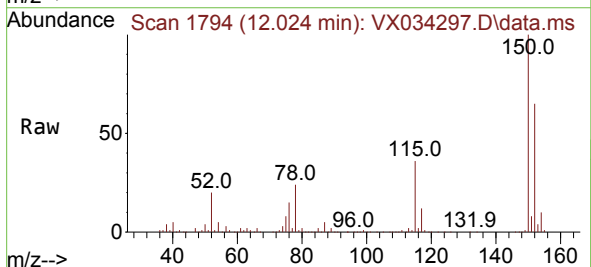
Instrument :
MSVOA_X
ClientSampleId :
VX0302MBL01

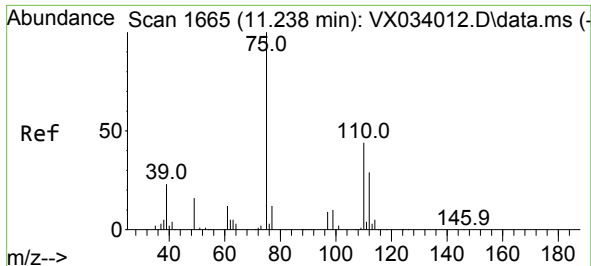
Tgt Ion:117 Resp: 427428
Ion Ratio Lower Upper
117 100
82 54.9 40.6 60.8
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

Tgt Ion:152 Resp: 190423
Ion Ratio Lower Upper
152 100
115 57.5 38.7 116.1
150 157.3 0.0 348.2

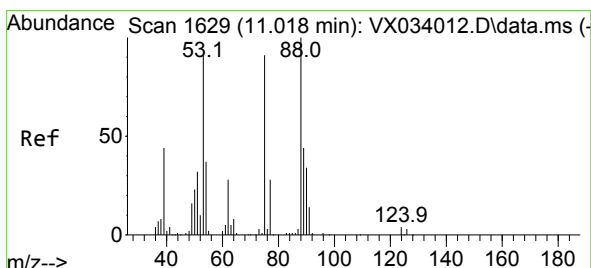
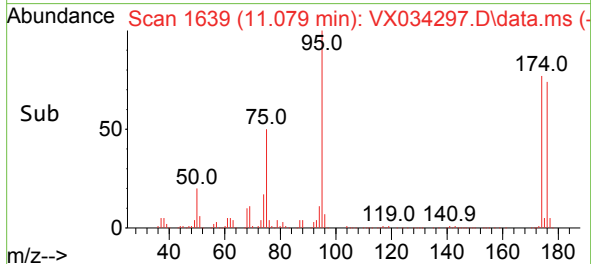
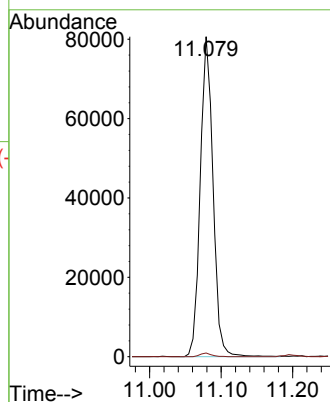
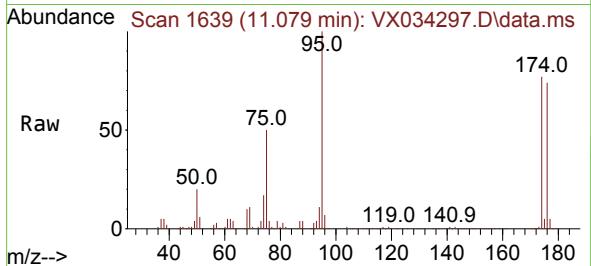




#76
1,2,3-Trichloropropane
Concen: 20.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

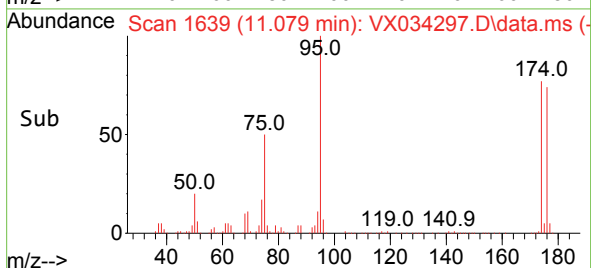
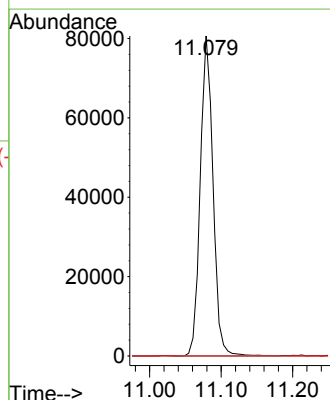
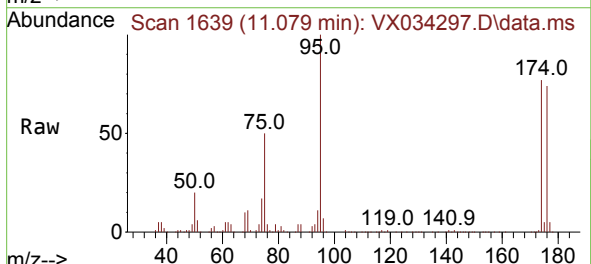
Instrument :
MSVOA_X
ClientSampleId :
VX0302MBL01

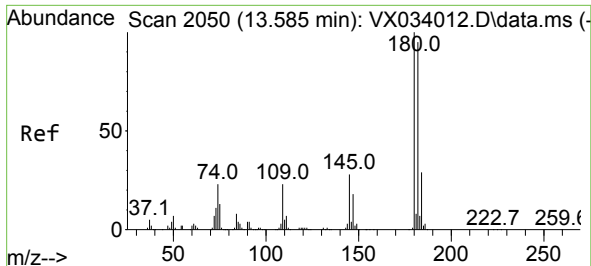
Tgt Ion: 75 Resp: 99762
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

Tgt Ion: 75 Resp: 99762
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

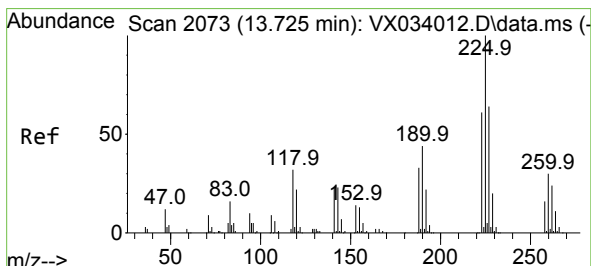
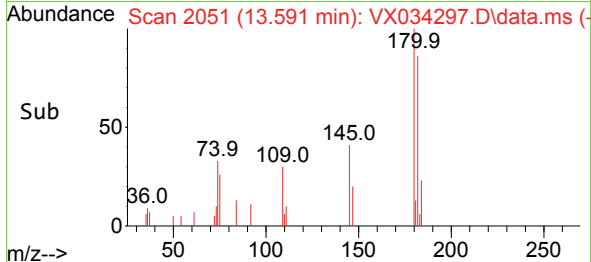
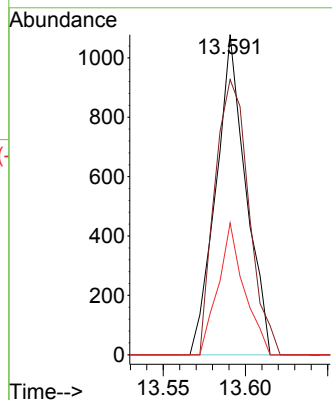
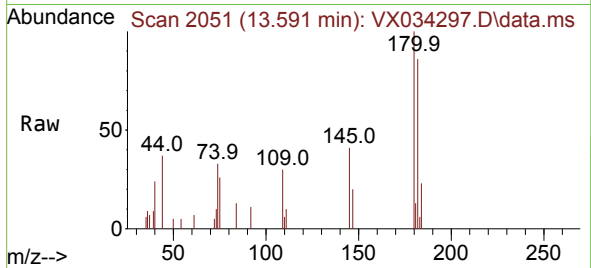




#93
1,2,4-Trichlorobenzene
Concen: 0.331 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

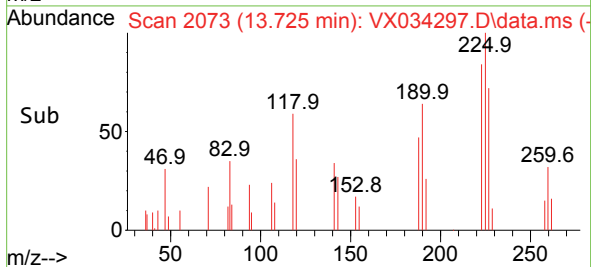
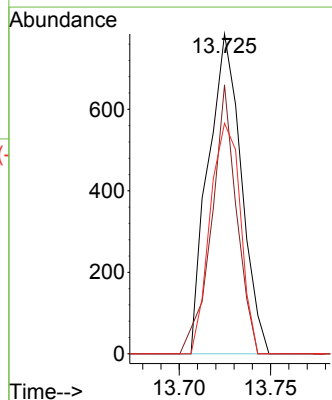
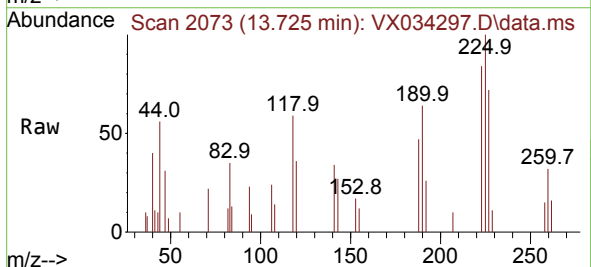
Instrument :
MSVOA_X
ClientSampleId :
VX0302MBL01

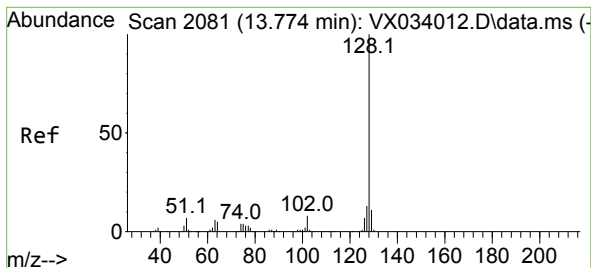
Tgt Ion:180 Resp: 1363
Ion Ratio Lower Upper
180 100
182 97.7 47.9 143.6
145 36.0 14.1 42.2



#94
Hexachlorobutadiene
Concen: 0.579 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034297.D
Acq: 02 Mar 2023 10:13

Tgt Ion:225 Resp: 987
Ion Ratio Lower Upper
225 100
223 63.3 31.3 93.9
227 66.0 32.3 96.9





#95

Naphthalene

Concen: 0.374 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034297.D

Acq: 02 Mar 2023 10:13

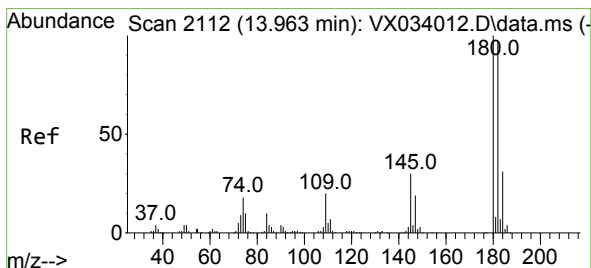
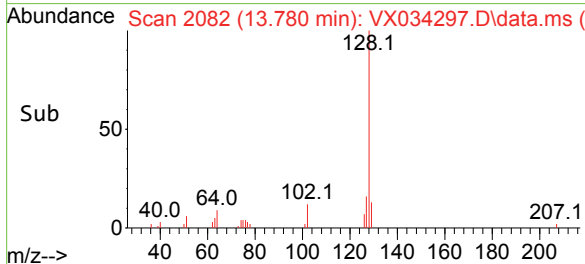
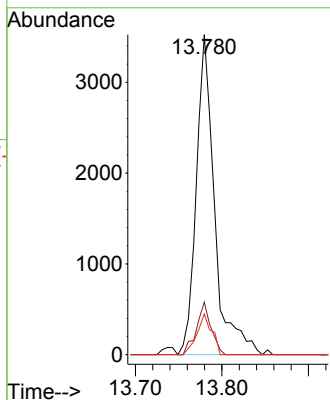
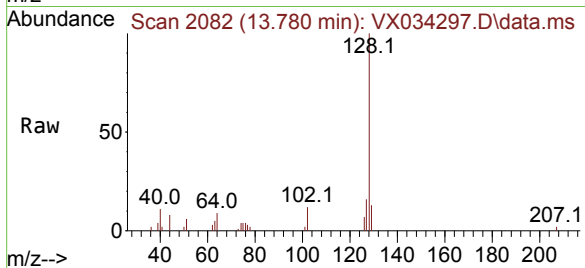
Instrument :

MSVOA_X

ClientSampleId :

VX0302MBL01

Tgt Ion:	128	Resp:	5190
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.3	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.360 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034297.D

Acq: 02 Mar 2023 10:13

Tgt Ion:	180	Resp:	1469
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.9
145	41.4	15.1	45.3

