

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034743.D
 Acq On : 27 Mar 2023 11:57
 Operator : JC/MD
 Sample : 02029-01ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-2-032123

Quant Time: Mar 28 03:17:17 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)

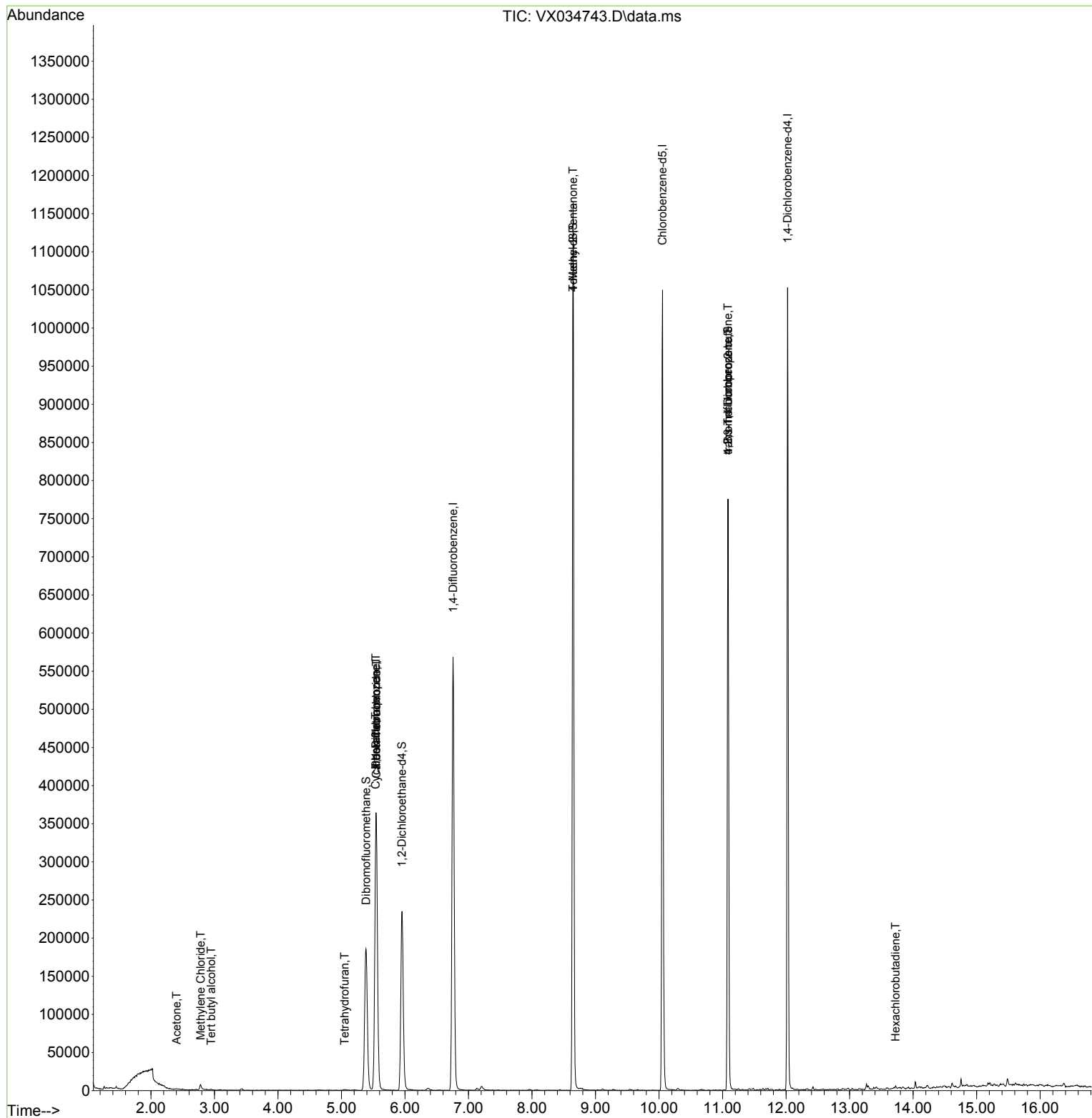
Internal Standards						
1) Pentafluorobenzene	5.544	168	337782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	564851	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	499613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	232280	47.269	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.540%		
35) Dibromofluoromethane	5.385	113	166178	44.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.120%		
50) Toluene-d8	8.647	98	677561	48.668	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.340%		
62) 4-Bromofluorobenzene	11.085	95	247791	44.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.120%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	428	Below Cal	#	73
11) Tert butyl alcohol	2.947	59	648	0.633	ug/l #	73
16) Acetone	2.404	43	1409	0.609	ug/l #	62
20) Methylene Chloride	2.782	84	3829	0.852	ug/l #	85
29) Tetrahydrofuran	5.050	42	738	0.361	ug/l	90
31) Cyclohexane	5.538	56	7633	1.108	ug/l #	9
36) 1,1-Dichloropropene	5.544	75	28854	5.037	ug/l #	50
38) Carbon Tetrachloride	5.550	117	35013	6.144	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	3462	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	129221	25.543	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	129221	69.101	ug/l #	8
94) Hexachlorobutadiene	13.725	225	447	0.229	ug/l	88

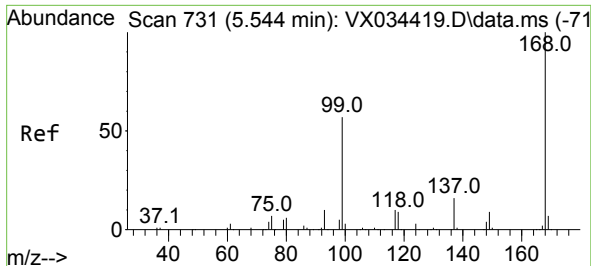
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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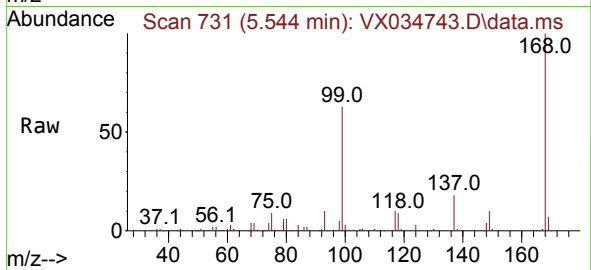
Quant Time: Mar 28 03:17:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



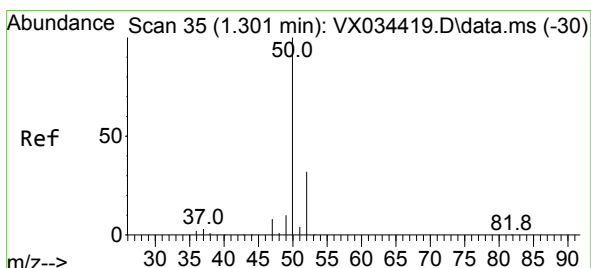
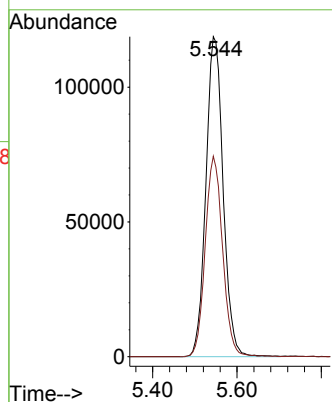
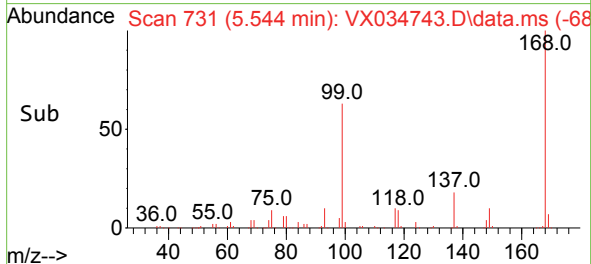


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

Instrument :
MSVOA_X
ClientSampleId :
OR-2-032123

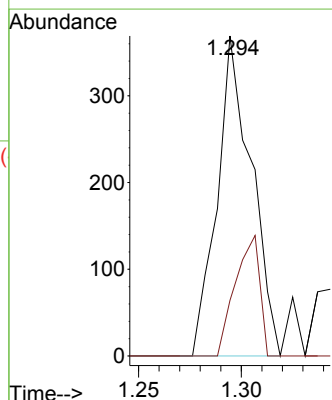
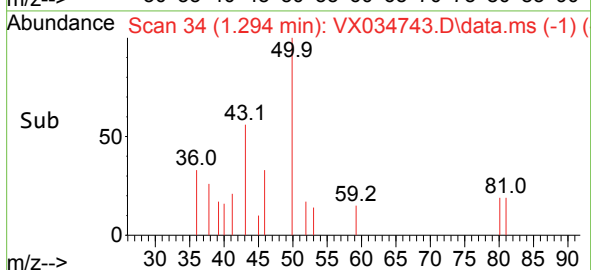
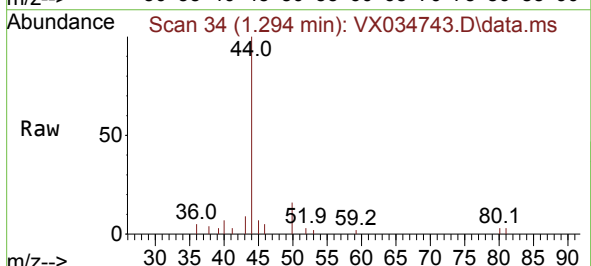


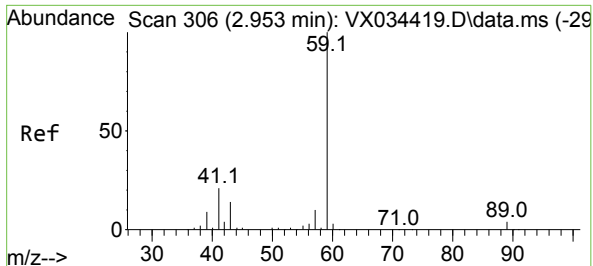
Tgt Ion:168 Resp: 337782
Ion Ratio Lower Upper
168 100
99 62.6 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 17.3 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.633 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX034743.D

Acq: 27 Mar 2023 11:57

Instrument :

MSVOA_X

ClientSampleId :

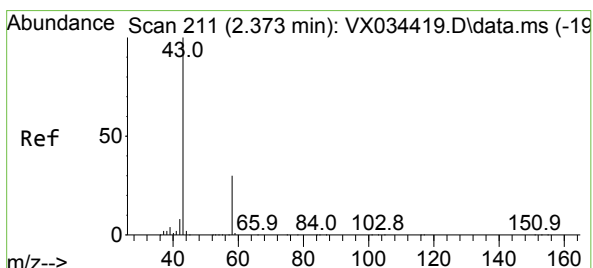
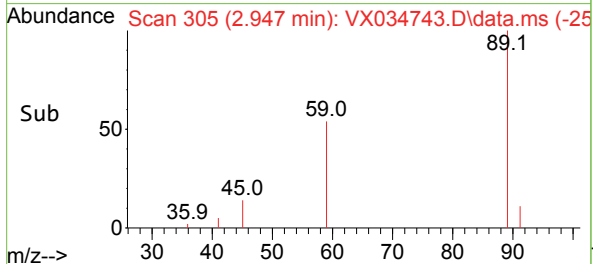
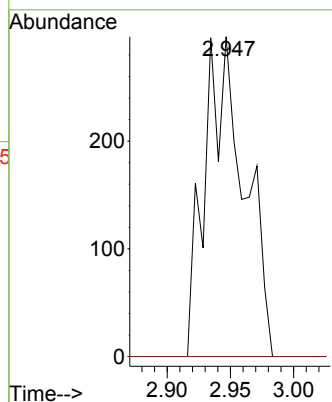
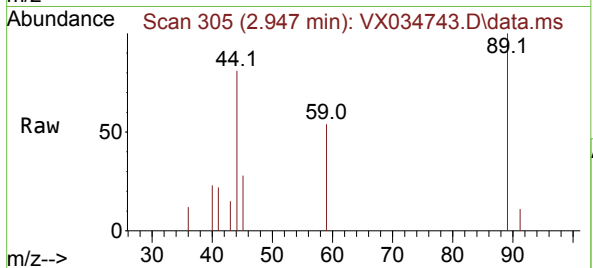
OR-2-032123

Tgt Ion: 59 Resp: 648

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.609 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.031 min

Lab File: VX034743.D

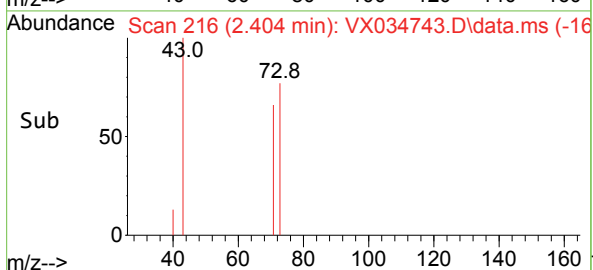
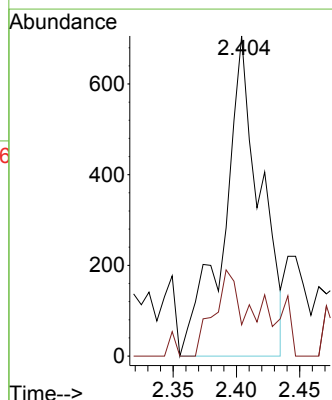
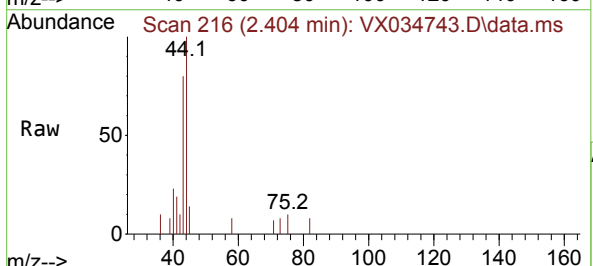
Acq: 27 Mar 2023 11:57

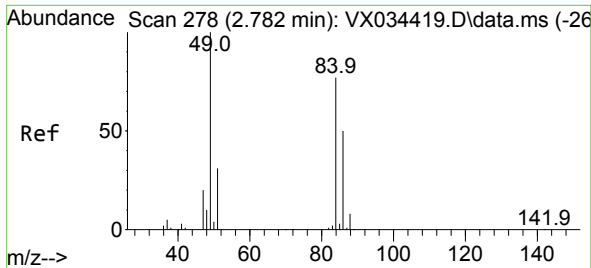
Tgt Ion: 43 Resp: 1409

Ion Ratio Lower Upper

43 100

58 9.8 24.7 37.1#

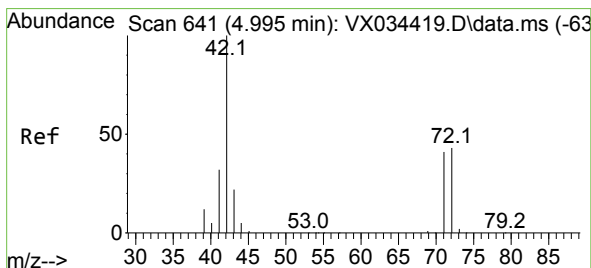
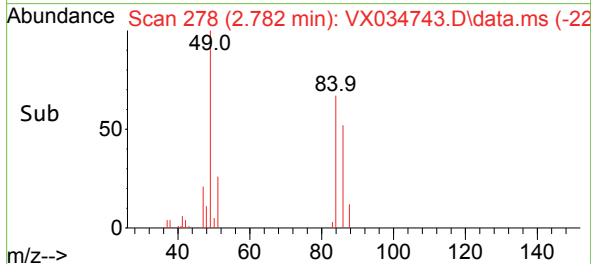
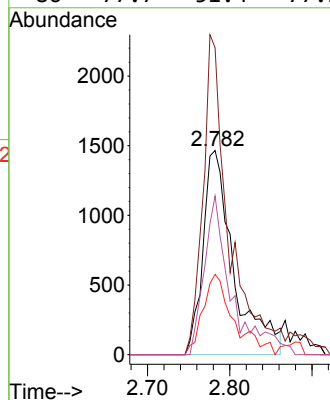
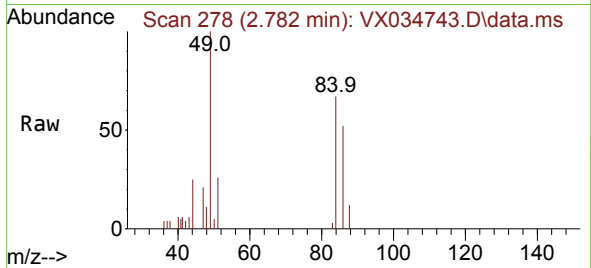




#20
Methylene Chloride
Concen: 0.852 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

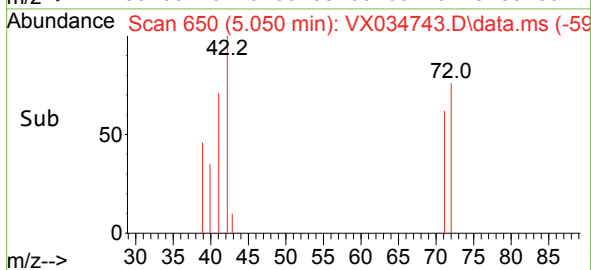
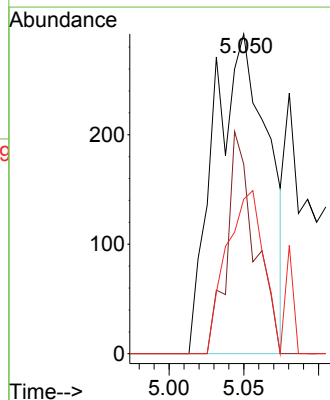
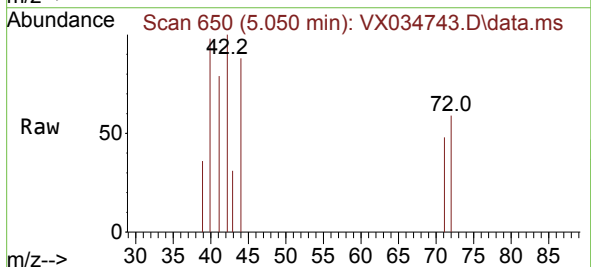
Instrument :
MSVOA_X
ClientSampleId :
OR-2-032123

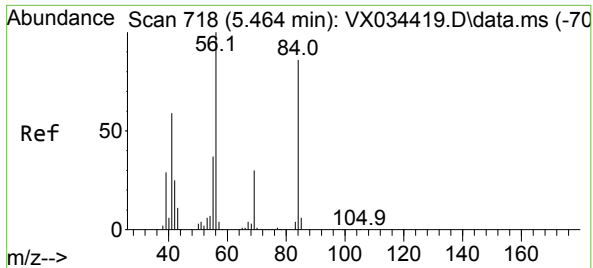
Tgt Ion:	84	Resp:	3829
Ion	Ratio	Lower	Upper
84	100		
49	150.3	103.8	155.8
51	39.4	31.8	47.8
86	77.7	51.4	77.2



#29
Tetrahydrofuran
Concen: 0.361 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.055 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

Tgt Ion:	42	Resp:	738
Ion	Ratio	Lower	Upper
42	100		
72	35.6	34.5	51.7
71	35.0	32.1	48.1

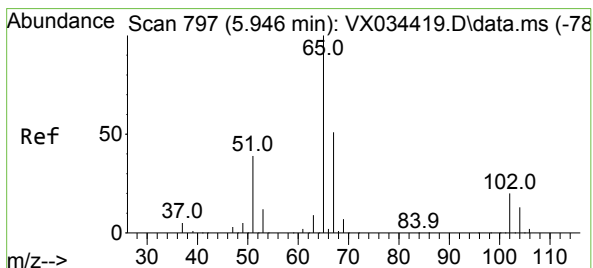
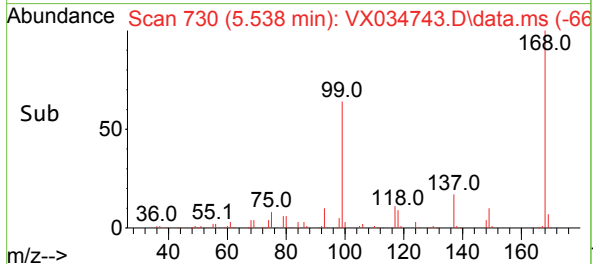
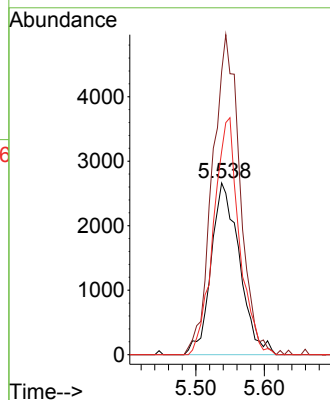
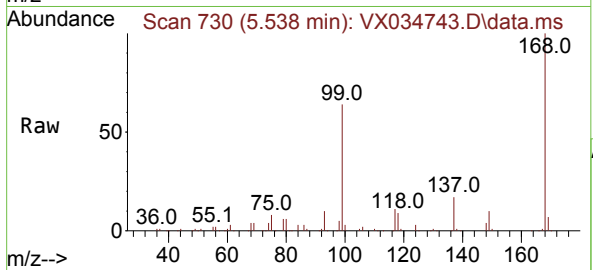




#31
Cyclohexane
Concen: 1.108 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

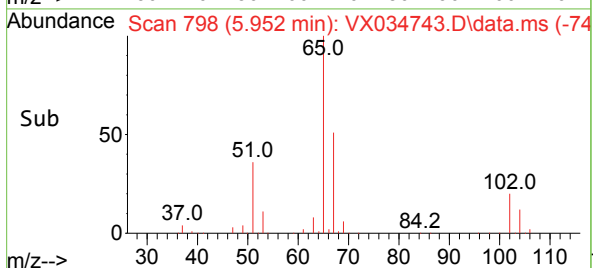
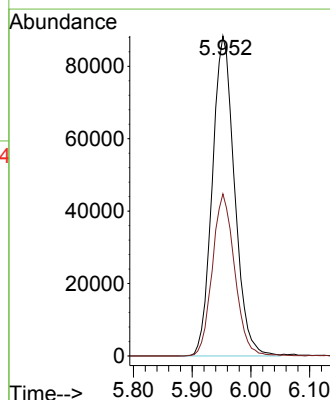
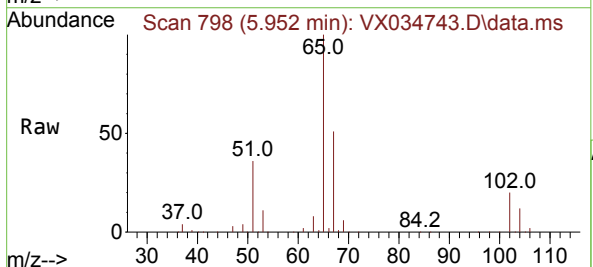
Instrument :
MSVOA_X
ClientSampleId :
OR-2-032123

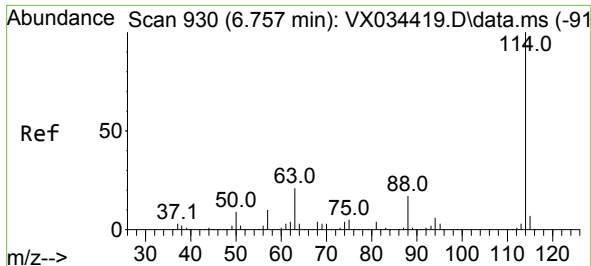
Tgt Ion: 56 Resp: 7633
Ion Ratio Lower Upper
56 100
69 164.8 23.7 35.5#
84 118.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.269 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

Tgt Ion: 65 Resp: 232280
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

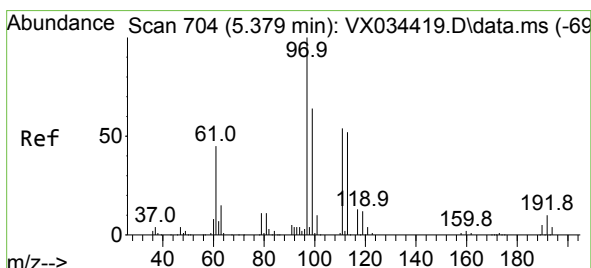
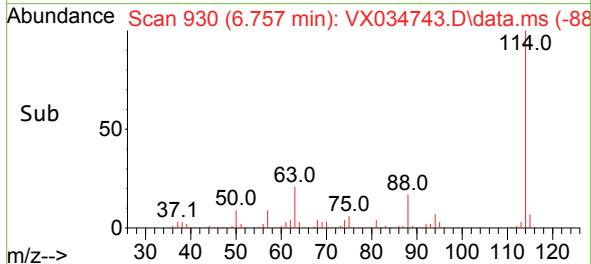
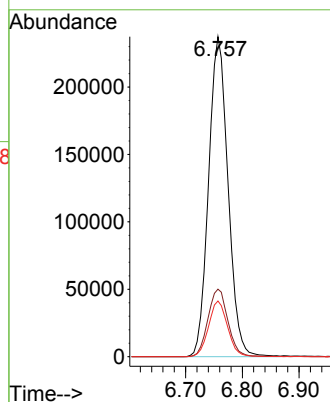
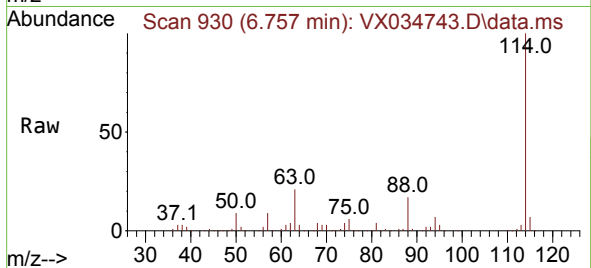




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

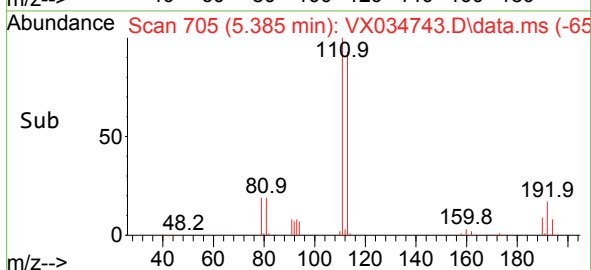
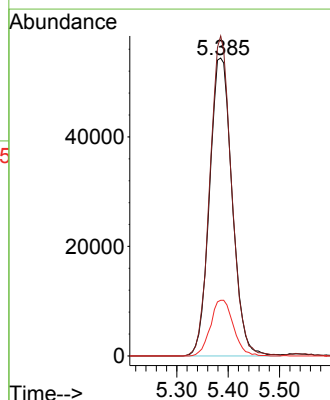
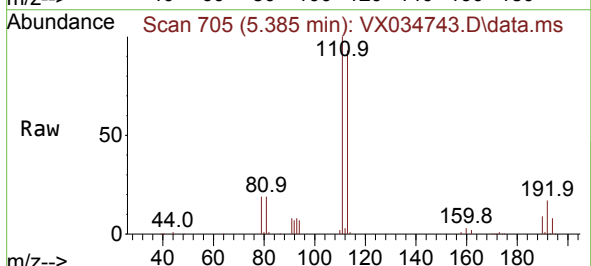
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ClientSampleId :
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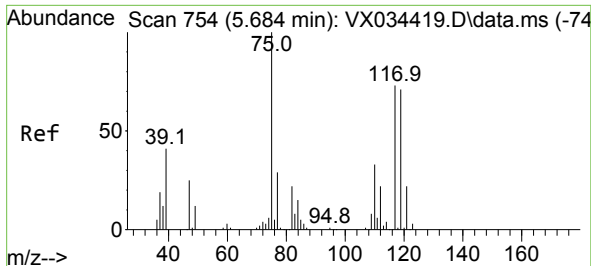
Tgt Ion:114 Resp: 564851
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 17.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 44.559 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

Tgt Ion:113 Resp: 166178
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 19.0 15.4 23.2

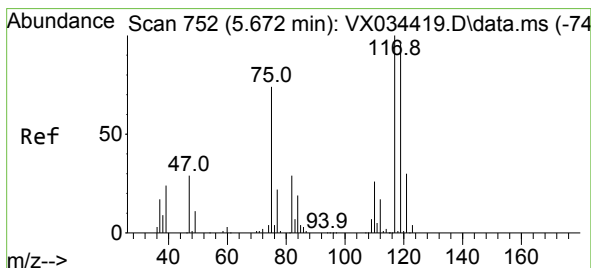
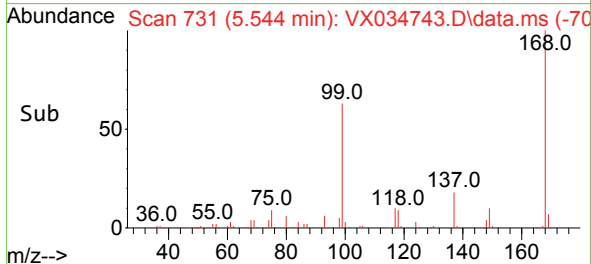
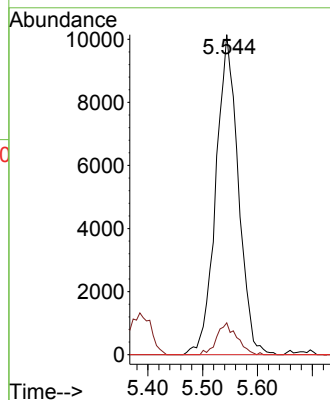
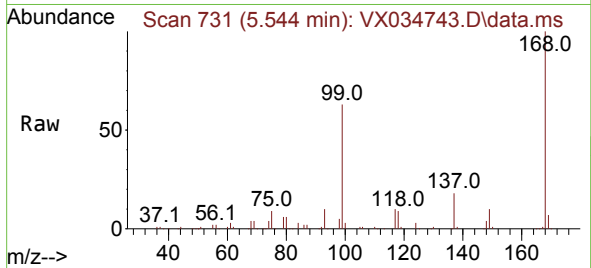




#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

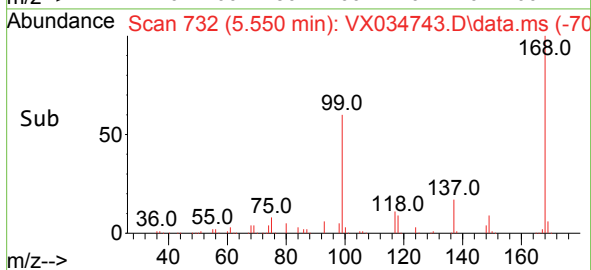
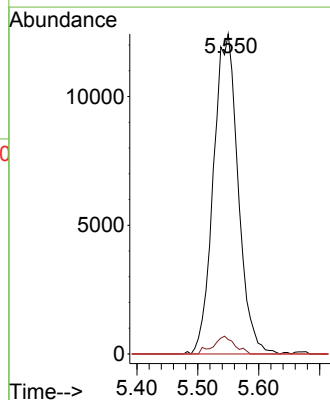
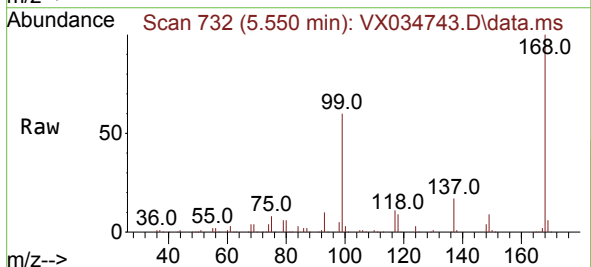
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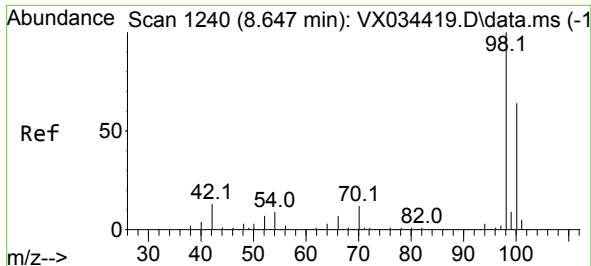
Tgt Ion: 75 Resp: 28854
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.144 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

Tgt Ion: 117 Resp: 35013
Ion Ratio Lower Upper
117 100
119 4.5 76.6 114.8#
121 0.0 23.8 35.6#

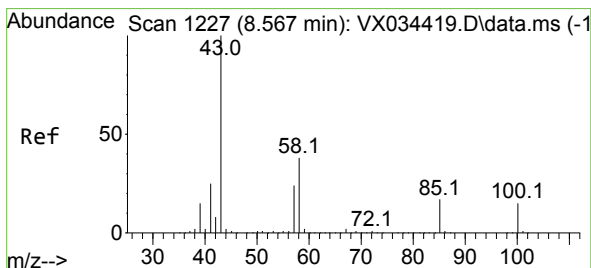
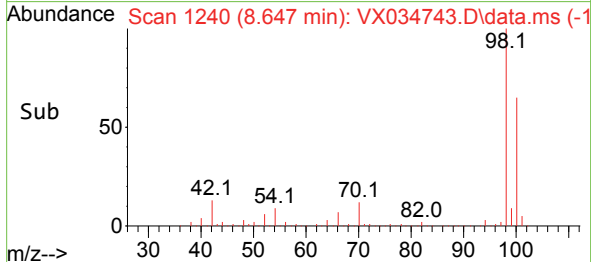
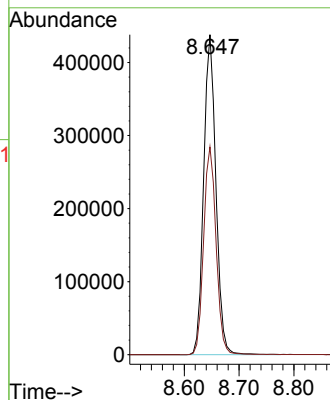
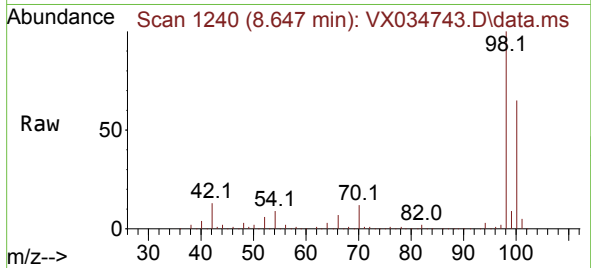




#50
Toluene-d8
Concen: 48.668 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

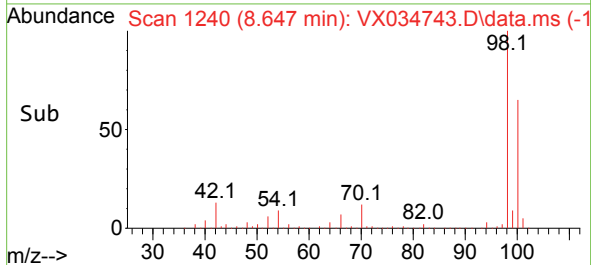
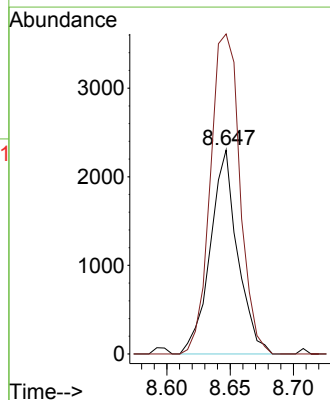
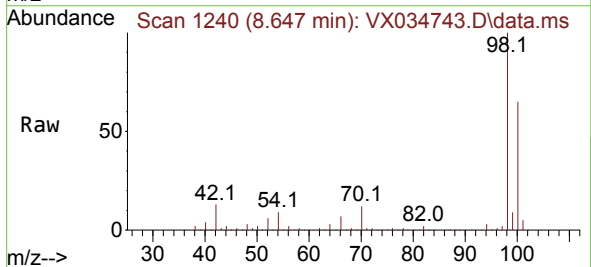
Instrument :
MSVOA_X
ClientSampleId :
OR-2-032123

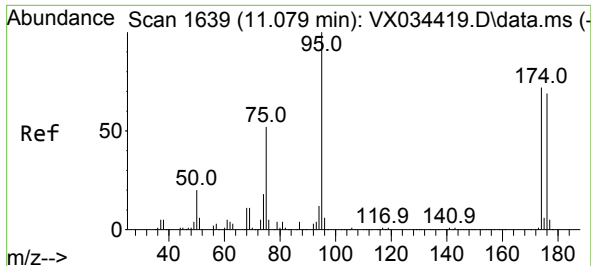
Tgt Ion: 98 Resp: 677561
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

Tgt Ion: 43 Resp: 3462
Ion Ratio Lower Upper
43 100
58 169.6 30.6 46.0#

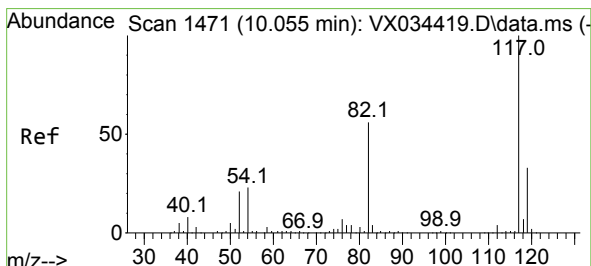
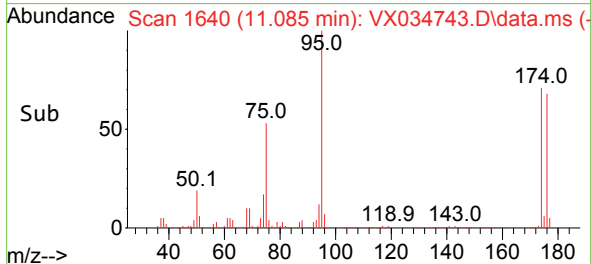
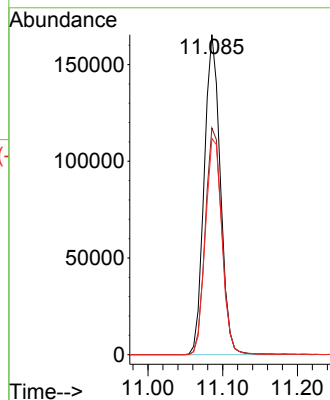
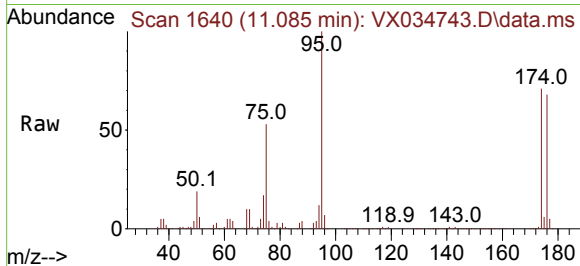




#62
4-Bromofluorobenzene
Concen: 44.064 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

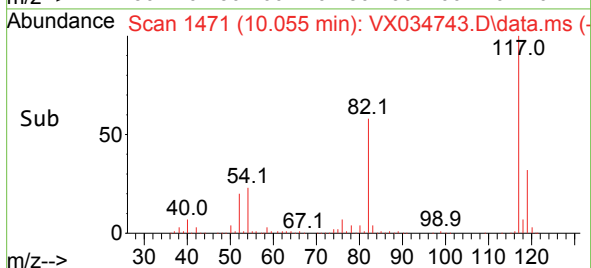
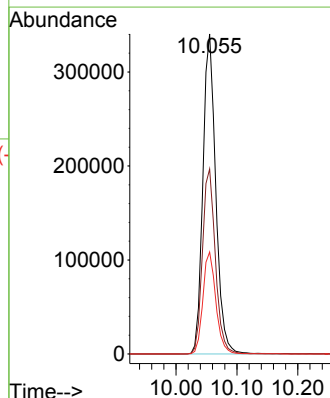
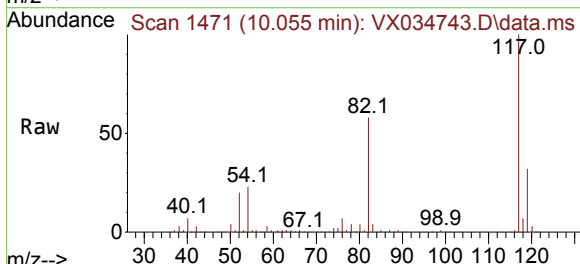
Instrument :
MSVOA_X
ClientSampleId :
OR-2-032123

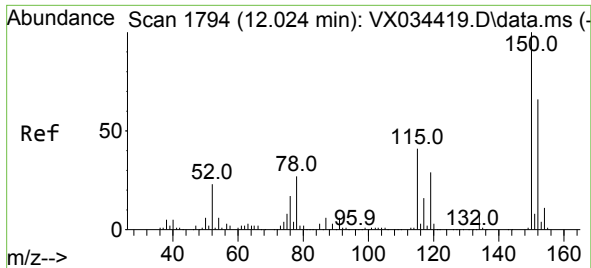
Tgt Ion: 95 Resp: 247791
Ion Ratio Lower Upper
95 100
174 72.6 0.0 147.4
176 69.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

Tgt Ion: 117 Resp: 499613
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 31.9 26.0 39.0

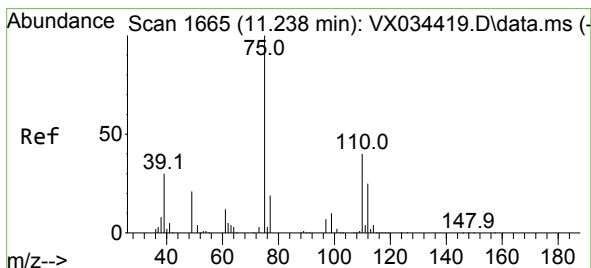
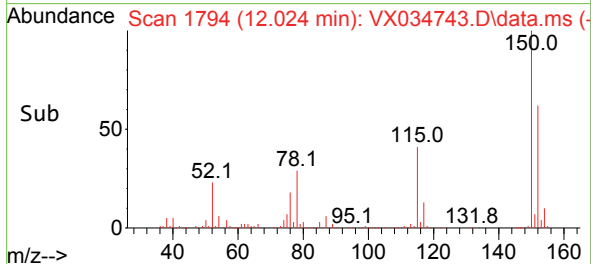
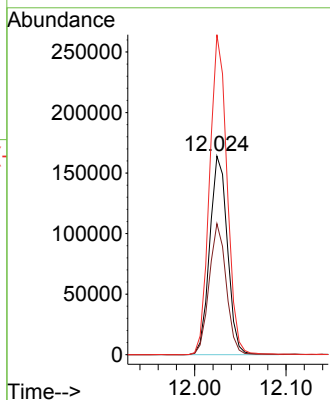
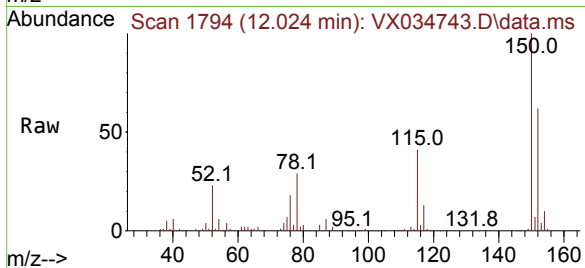




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

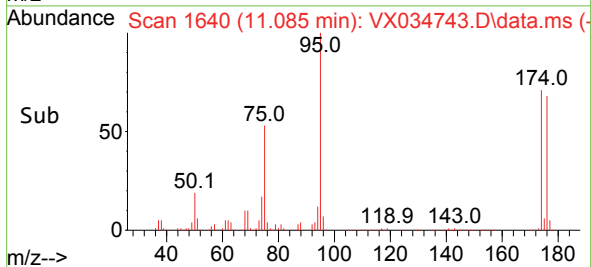
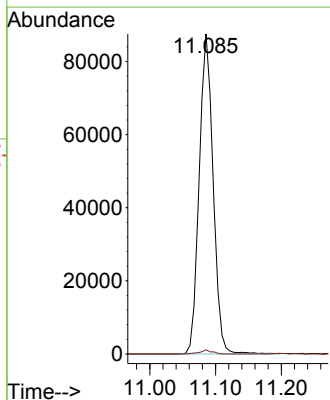
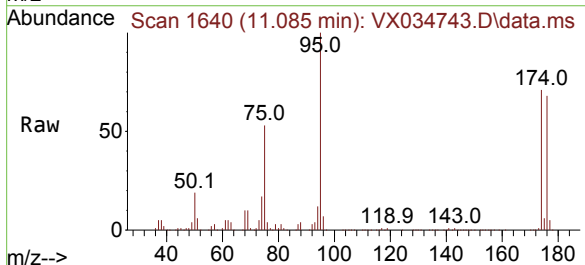
Instrument :
MSVOA_X
ClientSampleId :
OR-2-032123

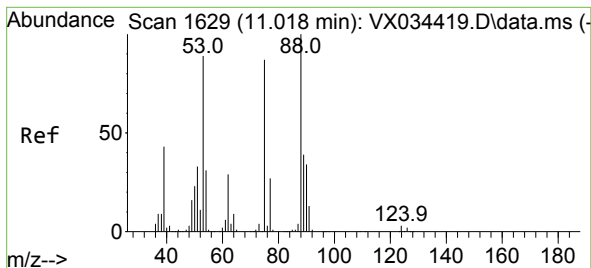
Tgt Ion:152 Resp: 220329
Ion Ratio Lower Upper
152 100
115 63.7 45.0 135.0
150 159.2 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.543 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

Tgt Ion: 75 Resp: 129221
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#

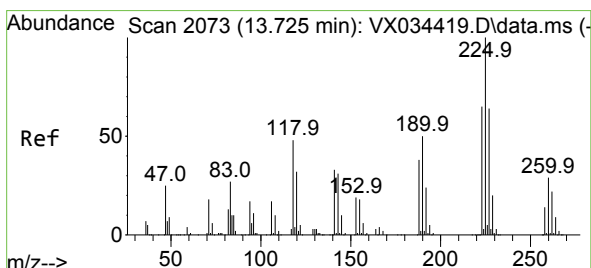
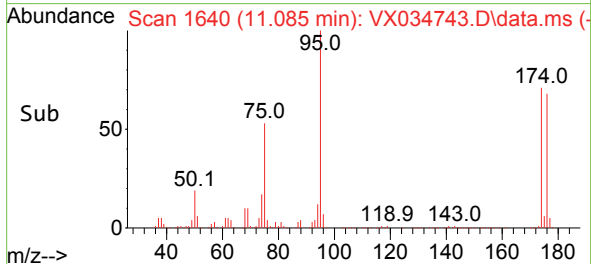
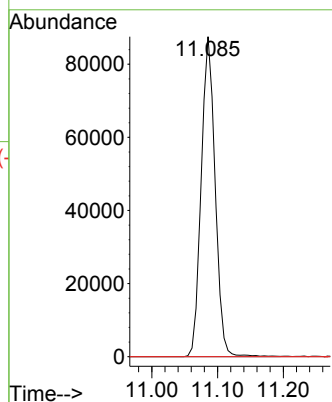
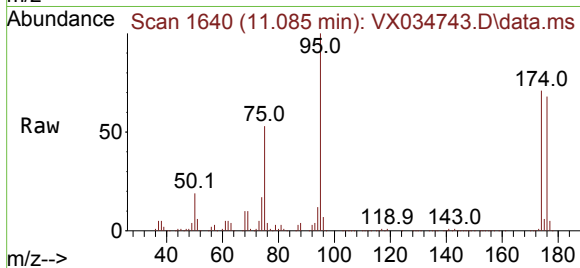




#81
trans-1,4-Dichloro-2-butene
Concen: 69.101 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

Instrument :
MSVOA_X
ClientSampleId :
OR-2-032123

Tgt Ion: 75 Resp: 129221
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.229 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034743.D
Acq: 27 Mar 2023 11:57

Tgt Ion: 225 Resp: 447
Ion Ratio Lower Upper
225 100
223 48.5 32.1 96.5
227 60.4 31.8 95.4

