

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030223\
 Data File : VX034301.D
 Acq On : 02 Mar 2023 11:59
 Operator : JC/MD
 Sample : 01759-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DEP-2

Quant Time: Mar 03 00:22:10 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)

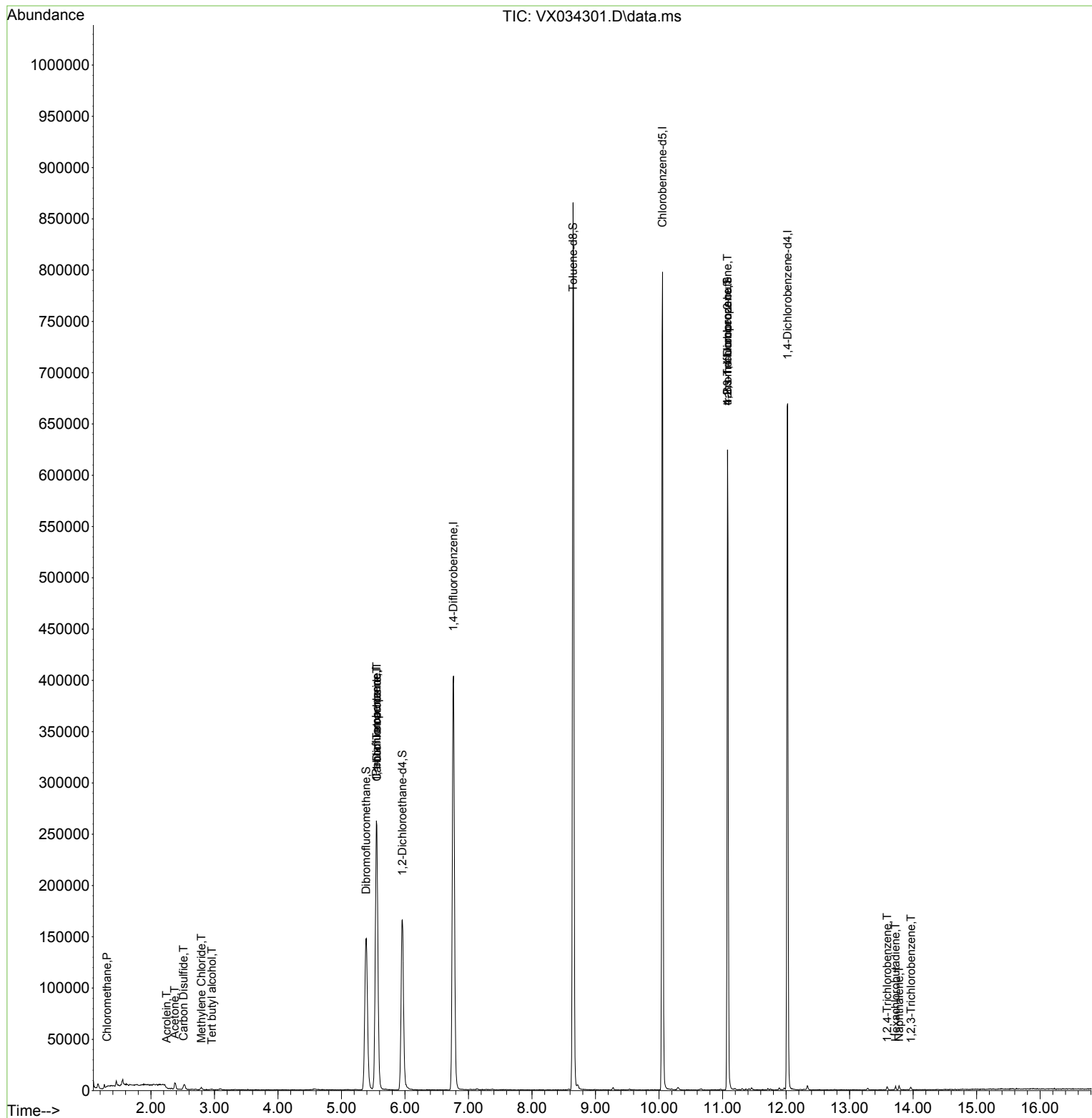
Internal Standards						
1) Pentafluorobenzene	5.550	168	260419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	425091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154959	44.183	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.360%
35) Dibromofluoromethane	5.385	113	133454	48.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	8.647	98	507457	51.066	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.140%
62) 4-Bromofluorobenzene	11.079	95	163039	42.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	801	0.247	ug/l #	78
5) Bromomethane	1.611	94	433	Below Cal		99
11) Tert butyl alcohol	2.959	59	560	0.714	ug/l #	86
13) Acrolein	2.245	56	288	0.804	ug/l #	1
16) Acetone	2.373	43	7045	3.894	ug/l	95
17) Carbon Disulfide	2.514	76	3466	0.428	ug/l	98
20) Methylene Chloride	2.794	84	882	0.271	ug/l #	80
36) 1,1-Dichloropropene	5.556	75	19567	4.780	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25018	5.940	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	83276	22.300	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	83276	57.288	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	948	0.296	ug/l	97
94) Hexachlorobutadiene	13.725	225	448	0.337	ug/l	73
95) Naphthalene	13.780	128	2796	0.259	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.969	180	871	0.274	ug/l	97

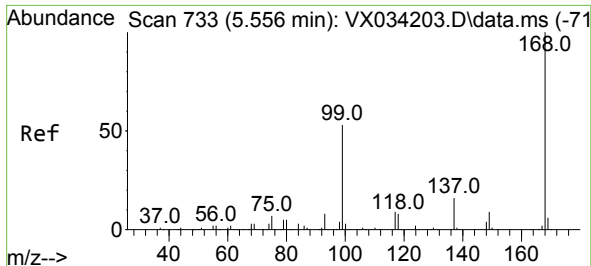
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

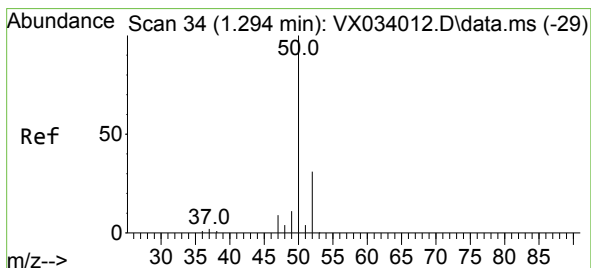
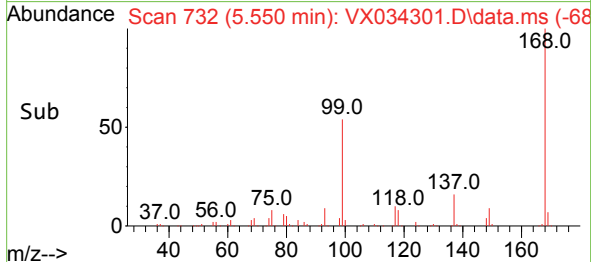
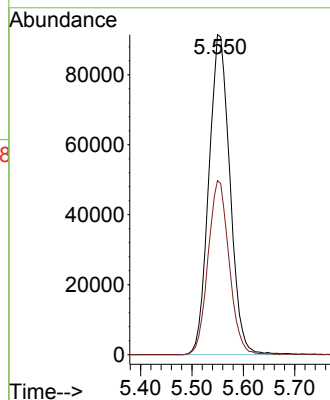
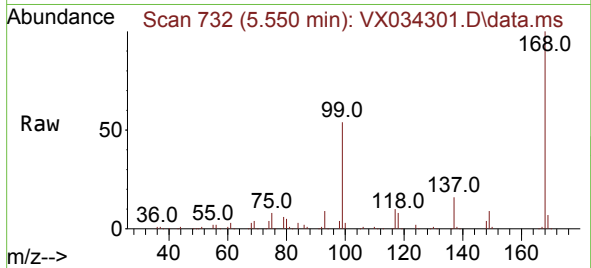




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

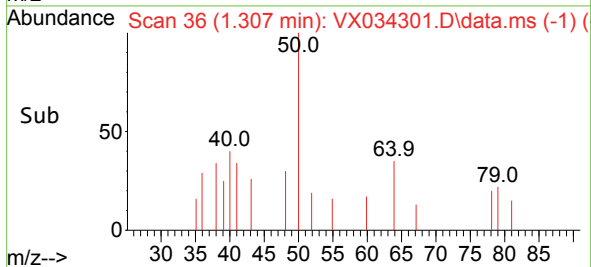
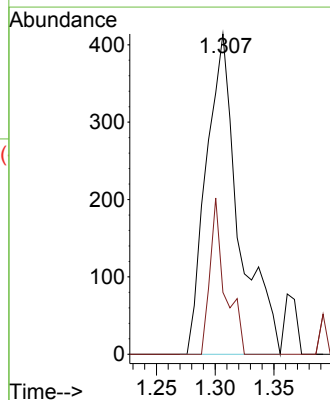
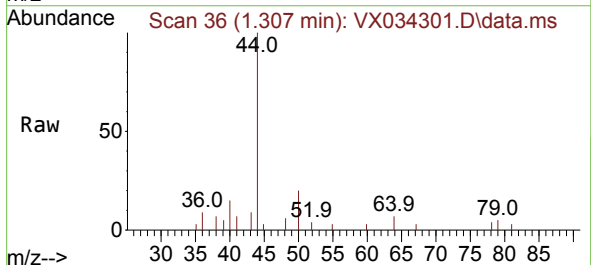
Instrument :
MSVOA_X
ClientSampleId :
DEP-2

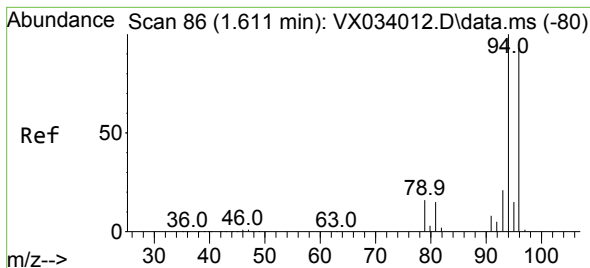
Tgt Ion:168 Resp: 260419
Ion Ratio Lower Upper
168 100
99 54.4 39.6 59.4



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion: 50 Resp: 801
Ion Ratio Lower Upper
50 100
52 19.3 25.2 37.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 86

Delta R.T. 0.012 min

Lab File: VX034301.D

Acq: 02 Mar 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

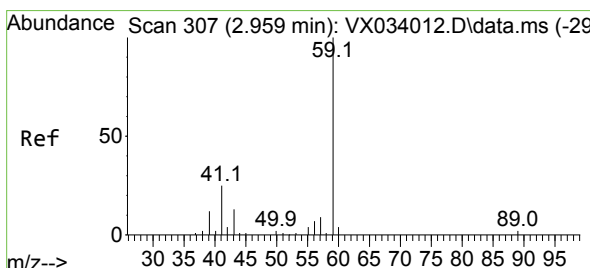
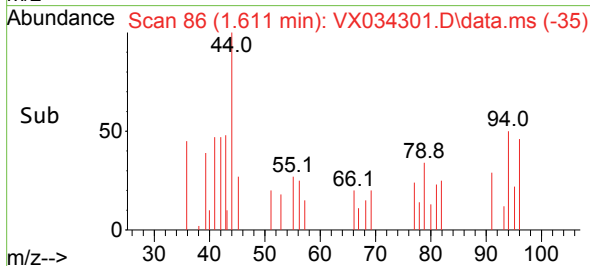
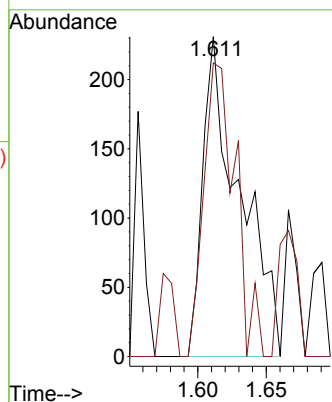
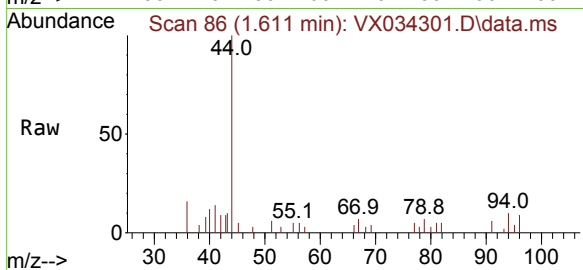
DEP-2

Tgt Ion: 94 Resp: 433

Ion Ratio Lower Upper

94 100

96 91.8 74.3 111.5



#11

Tert butyl alcohol

Concen: 0.714 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX034301.D

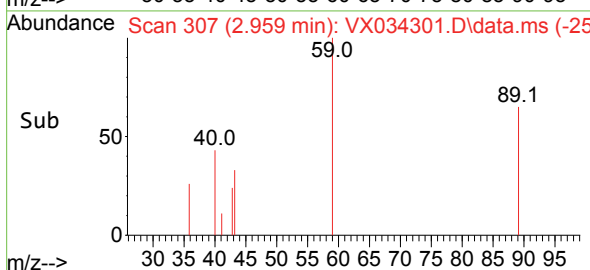
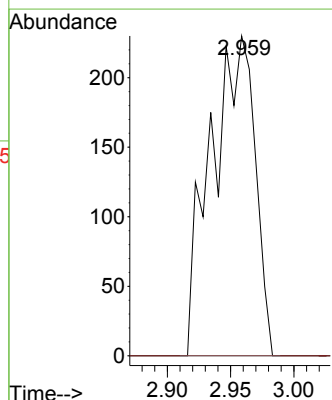
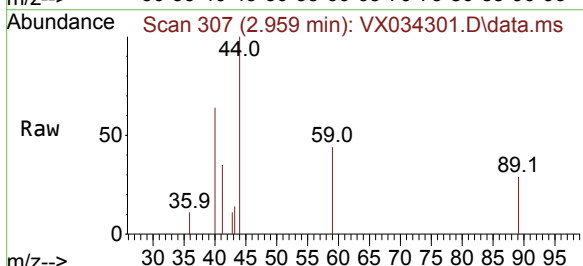
Acq: 02 Mar 2023 11:59

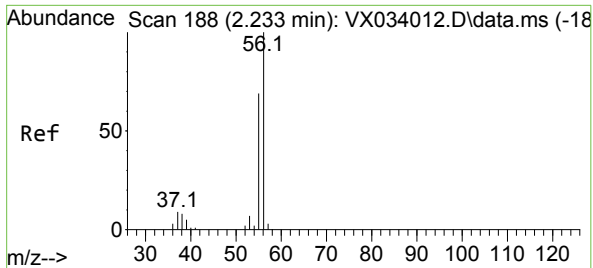
Tgt Ion: 59 Resp: 560

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#

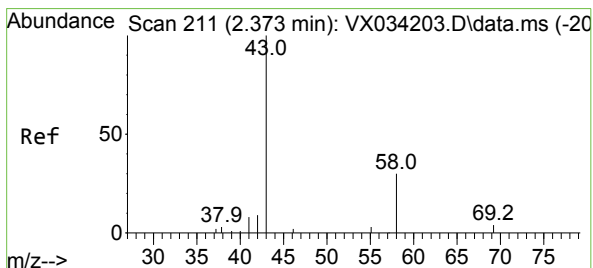
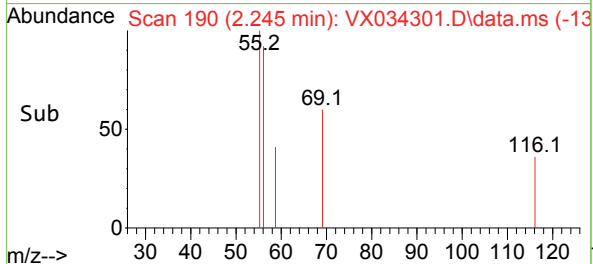
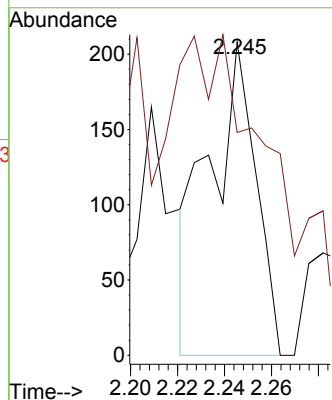
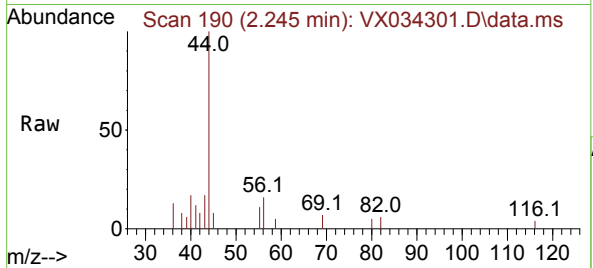




#13
Acrolein
Concen: 0.804 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

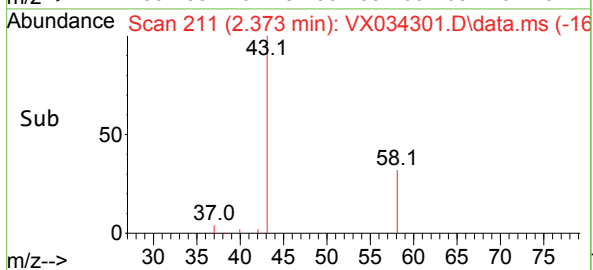
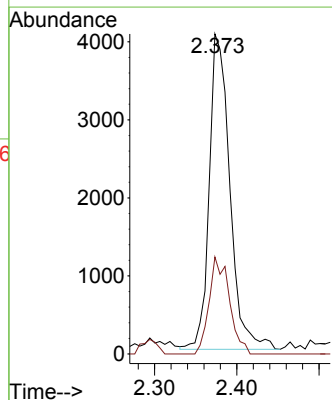
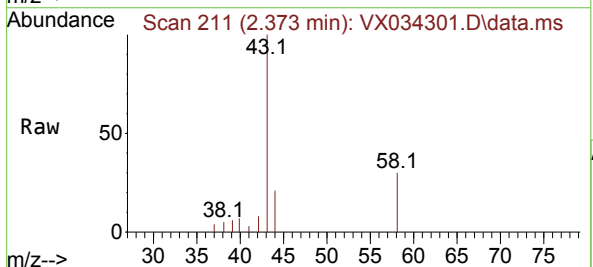
Instrument :
MSVOA_X
ClientSampleId :
DEP-2

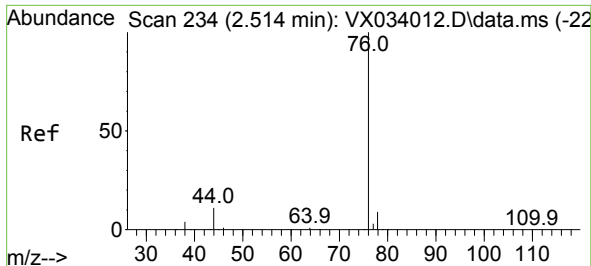
Tgt Ion: 56 Resp: 288
Ion Ratio Lower Upper
56 100
55 204.9 56.3 84.5#



#16
Acetone
Concen: 3.894 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion: 43 Resp: 7045
Ion Ratio Lower Upper
43 100
58 30.8 22.6 33.8





#17

Carbon Disulfide

Concen: 0.428 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034301.D

Acq: 02 Mar 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

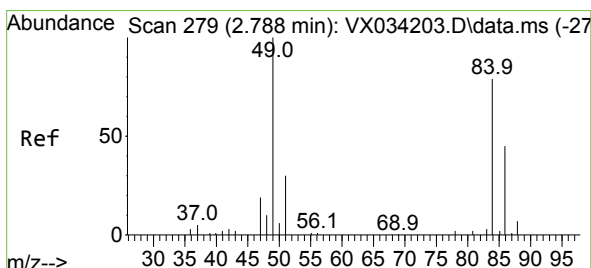
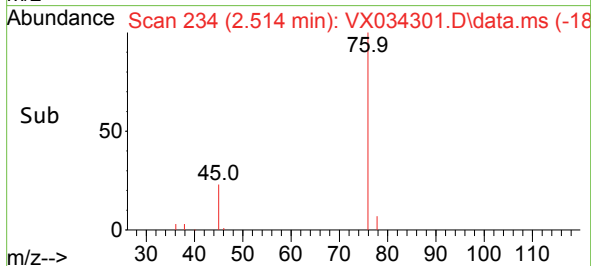
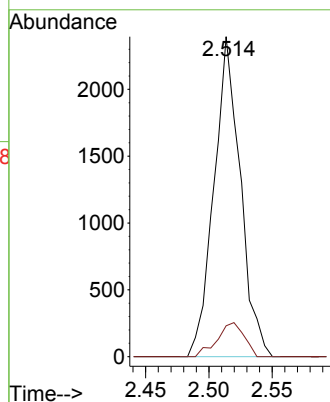
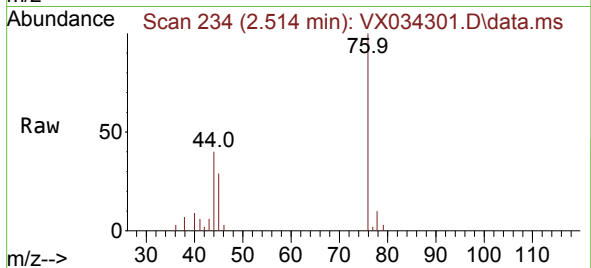
DEP-2

Tgt Ion: 76 Resp: 3466

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6



#20

Methylene Chloride

Concen: 0.271 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX034301.D

Acq: 02 Mar 2023 11:59

Tgt Ion: 84 Resp: 882

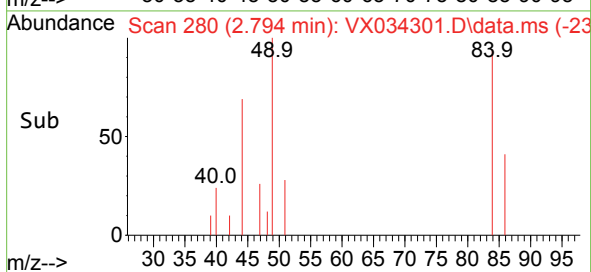
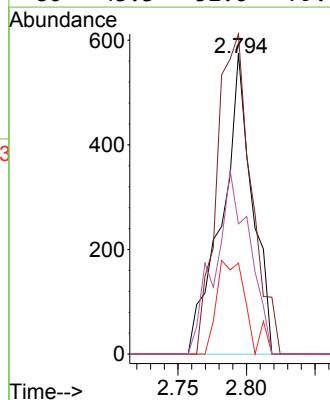
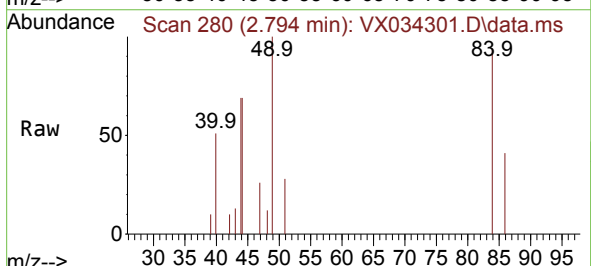
Ion Ratio Lower Upper

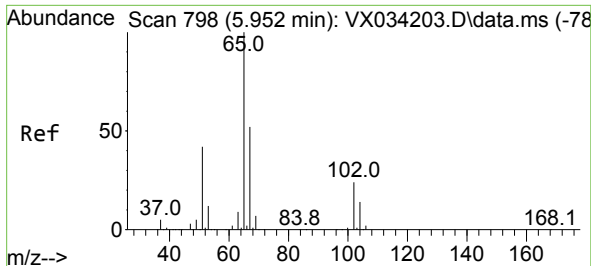
84 100

49 106.4 101.1 151.7

51 30.3 31.0 46.6#

86 43.3 52.6 79.0#

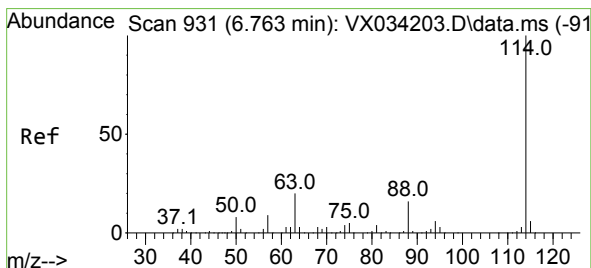
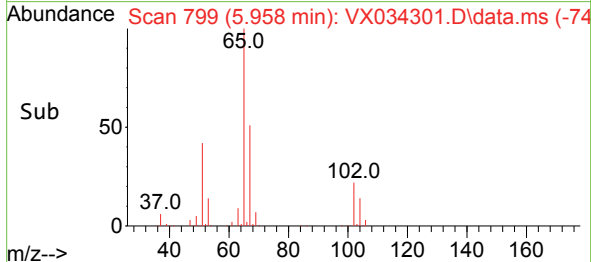
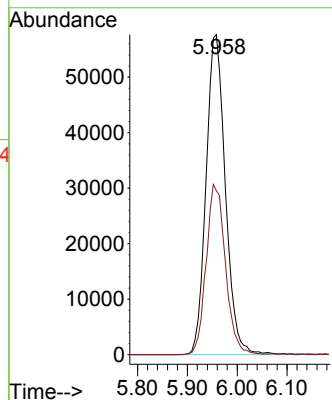
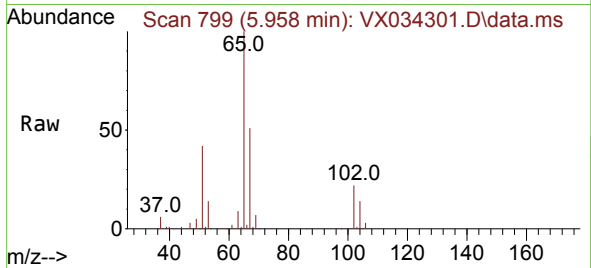




#33
1,2-Dichloroethane-d4
Concen: 44.183 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

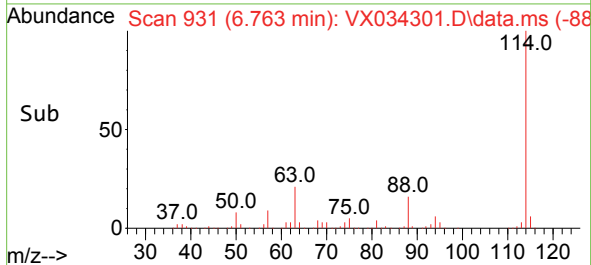
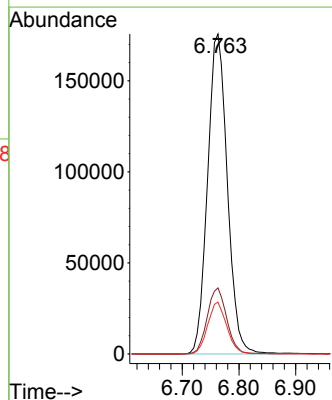
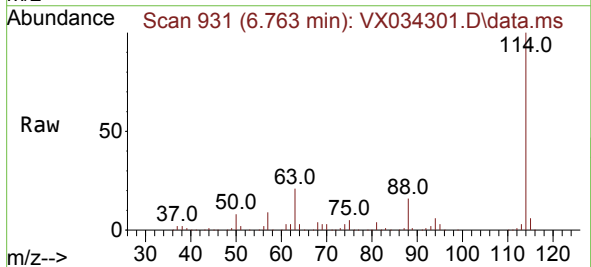
Instrument :
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ClientSampleId :
DEP-2

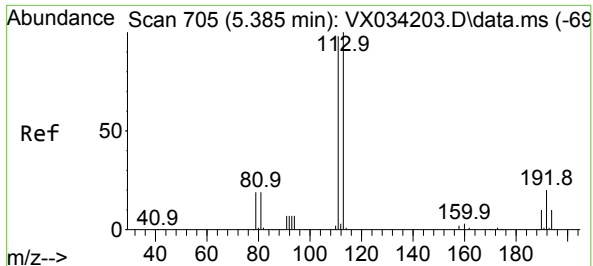
Tgt Ion: 65 Resp: 154959
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion: 114 Resp: 425091
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 16.2 0.0 30.6

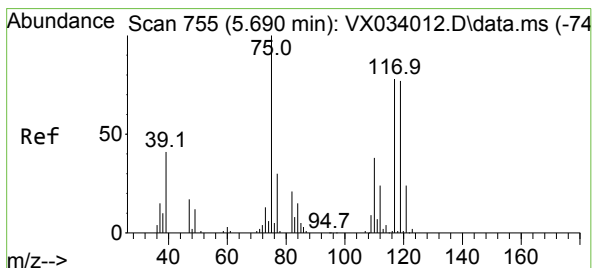
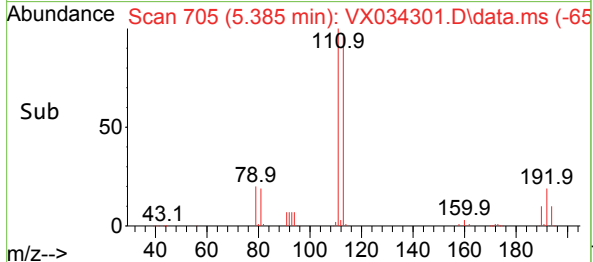
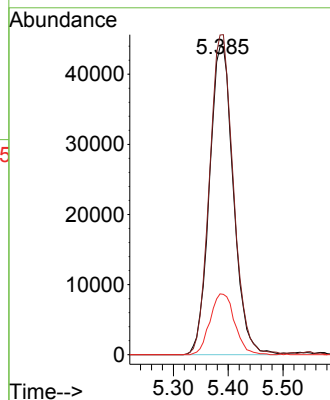
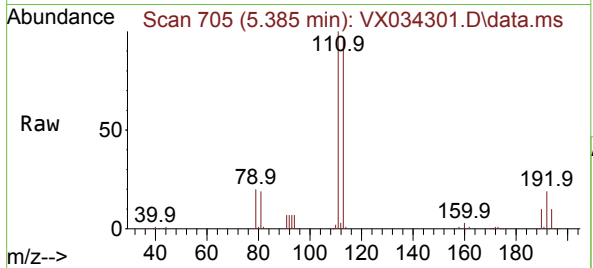




#35
Dibromofluoromethane
Concen: 48.218 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

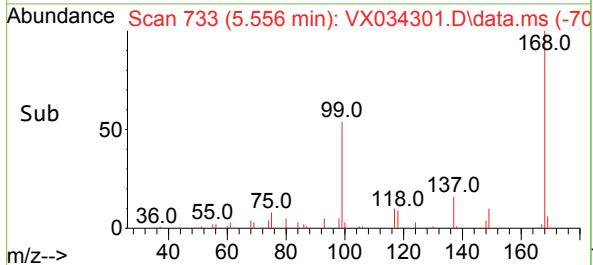
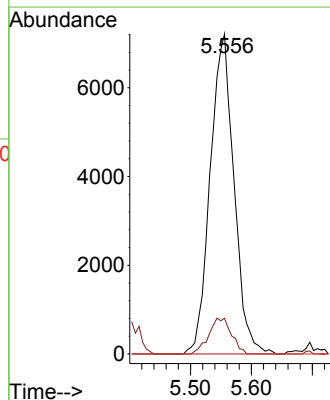
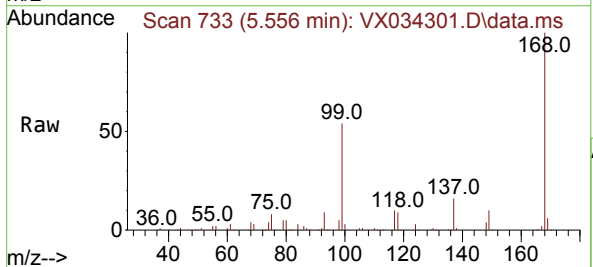
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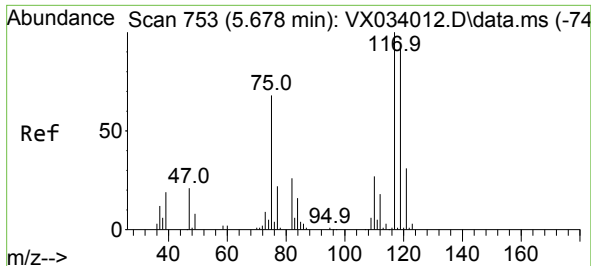
Tgt Ion:113 Resp: 133454
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 20.2 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion: 75 Resp: 19567
Ion Ratio Lower Upper
75 100
110 10.7 18.8 56.4#
77 0.0 25.1 37.7#

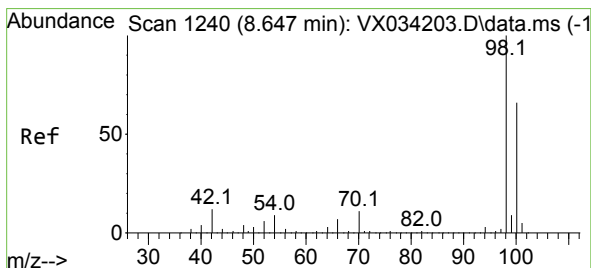
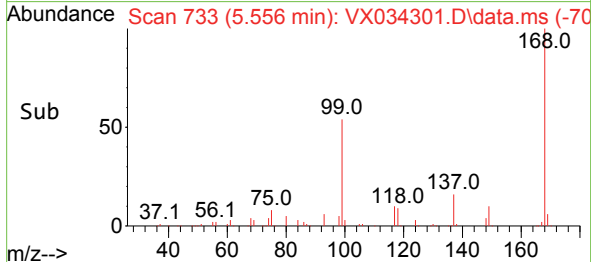
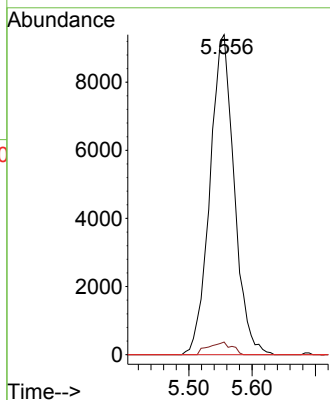
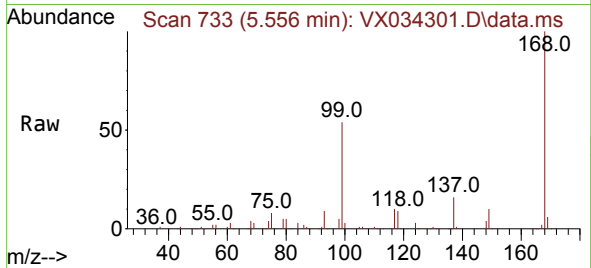




#38
Carbon Tetrachloride
Concen: 5.940 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

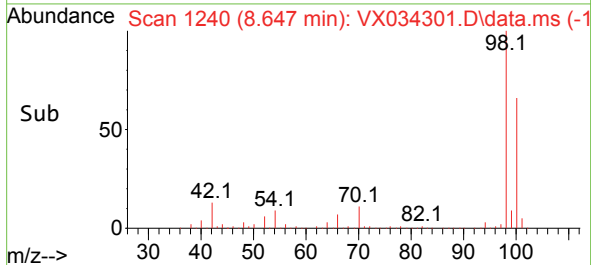
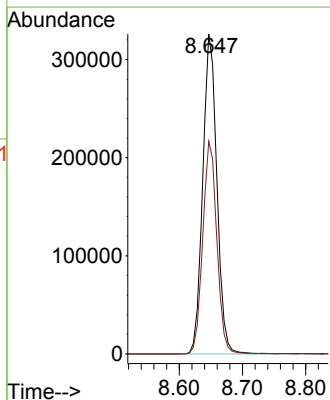
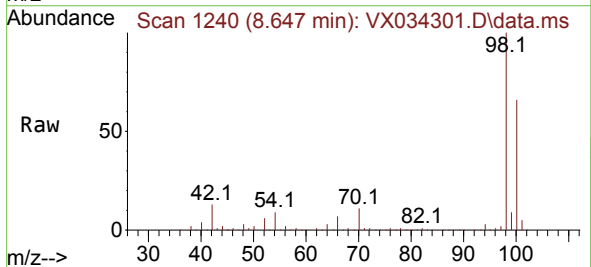
Instrument :
MSVOA_X
ClientSampleId :
DEP-2

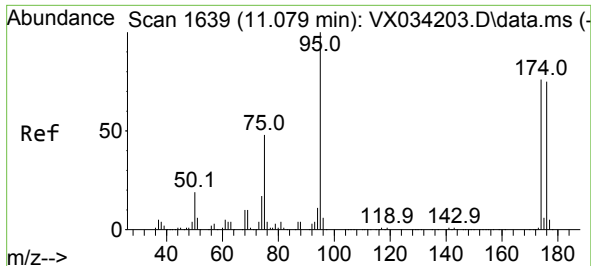
Tgt Ion:117 Resp: 25018
Ion Ratio Lower Upper
117 100
119 3.9 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.066 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion: 98 Resp: 507457
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4

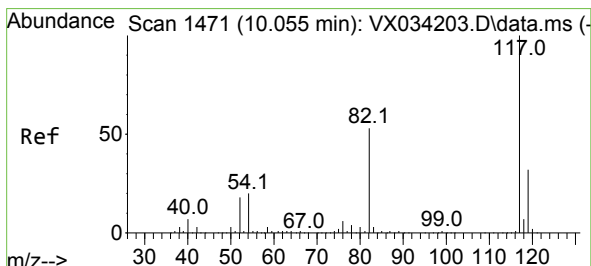
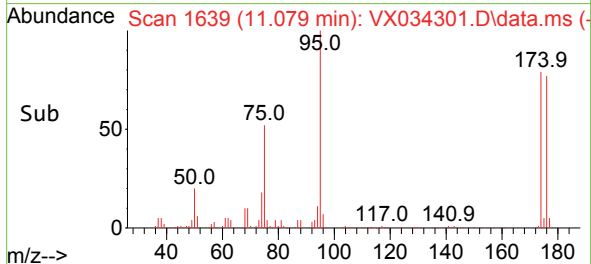
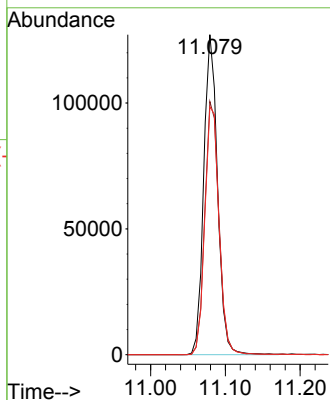
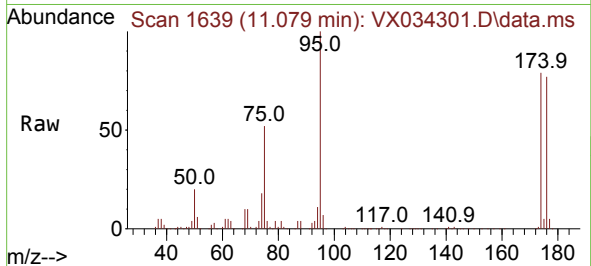




#62
4-Bromofluorobenzene
Concen: 42.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

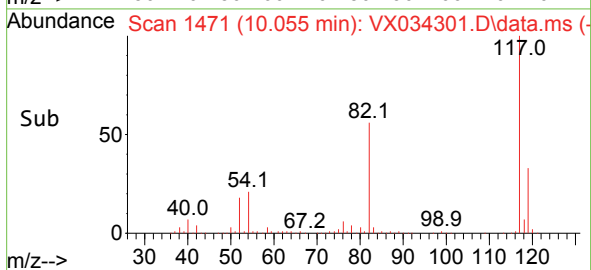
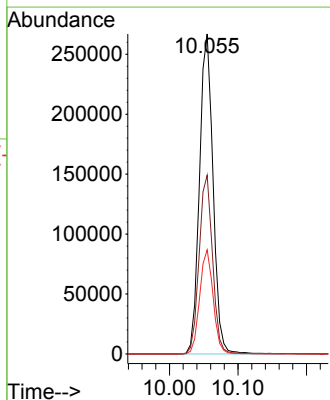
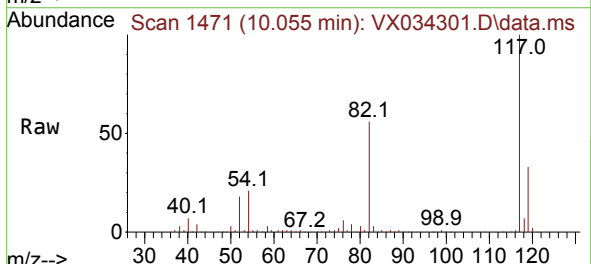
Instrument :
MSVOA_X
ClientSampleId :
DEP-2

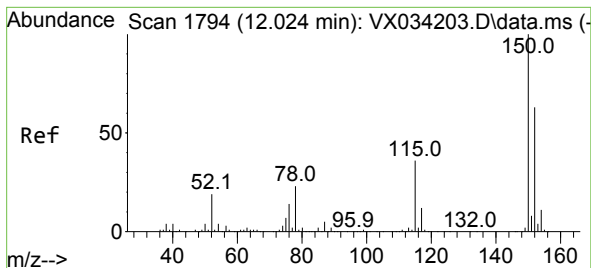
Tgt Ion: 95 Resp: 163039
Ion Ratio Lower Upper
95 100
174 81.3 0.0 184.4
176 80.2 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion: 117 Resp: 368762
Ion Ratio Lower Upper
117 100
82 55.9 40.6 60.8
119 32.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034301.D

Acq: 02 Mar 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

DEP-2

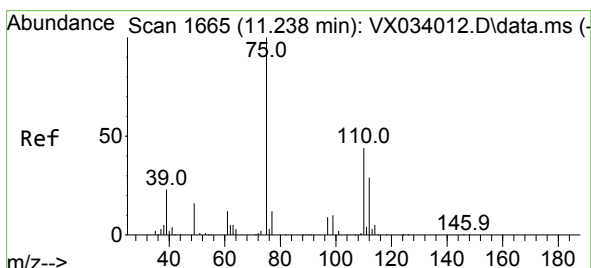
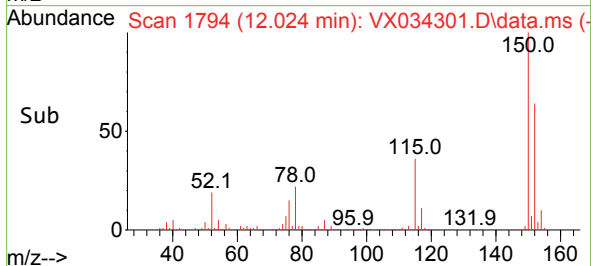
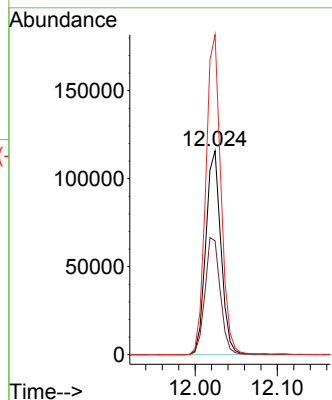
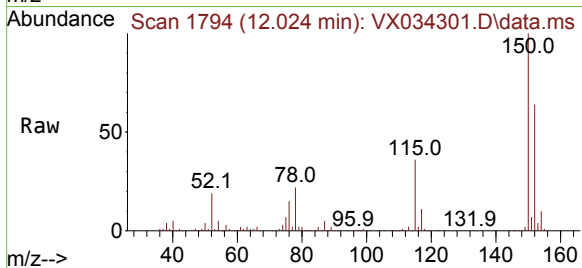
Tgt Ion:152 Resp: 148405

Ion Ratio Lower Upper

152 100

115 58.1 38.7 116.1

150 156.4 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 22.300 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034301.D

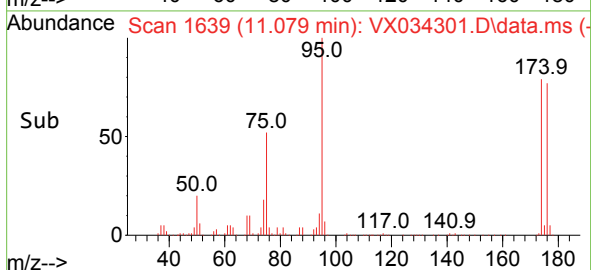
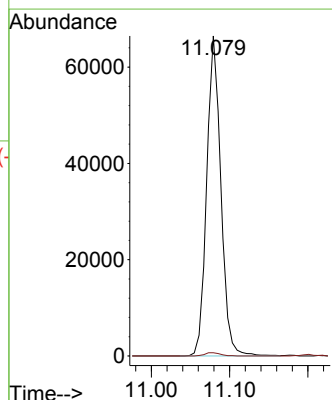
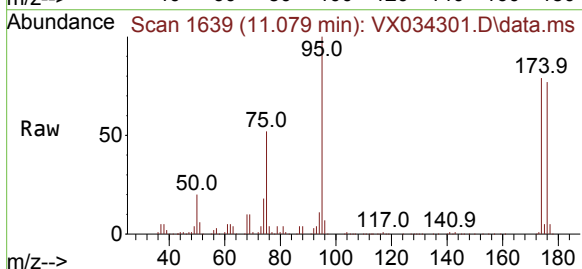
Acq: 02 Mar 2023 11:59

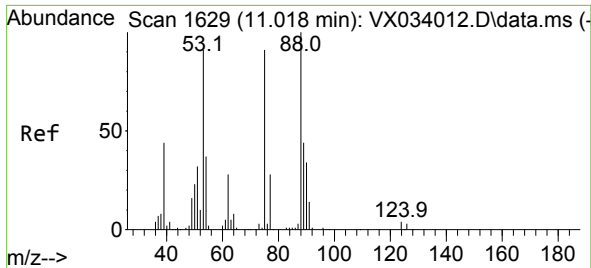
Tgt Ion: 75 Resp: 83276

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#

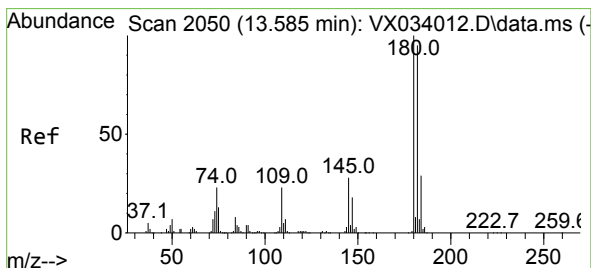
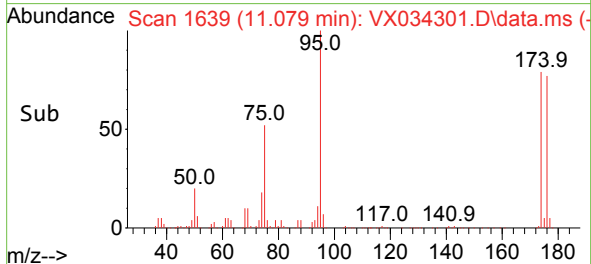
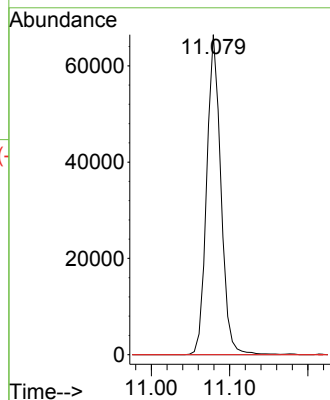
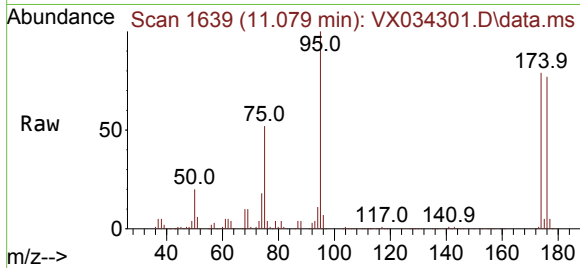




#81
trans-1,4-Dichloro-2-butene
Concen: 57.288 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

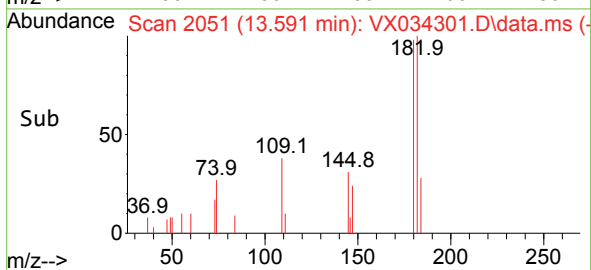
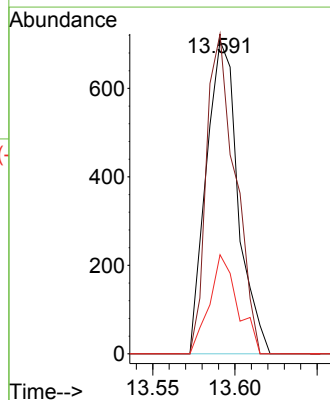
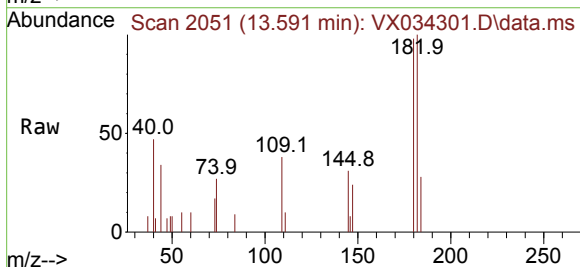
Instrument :
MSVOA_X
ClientSampleId :
DEP-2

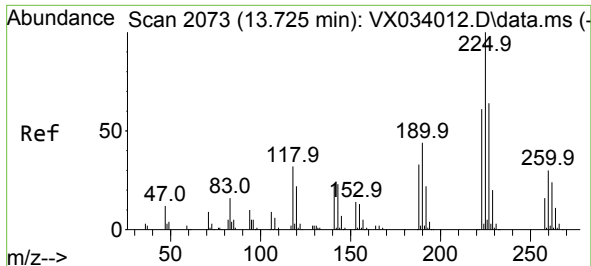
Tgt Ion: 75 Resp: 83276
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.296 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion: 180 Resp: 948
Ion Ratio Lower Upper
180 100
182 92.5 47.9 143.6
145 28.3 14.1 42.2

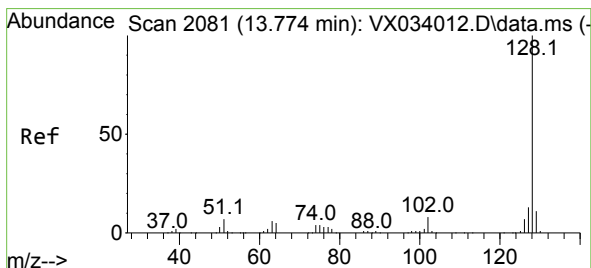
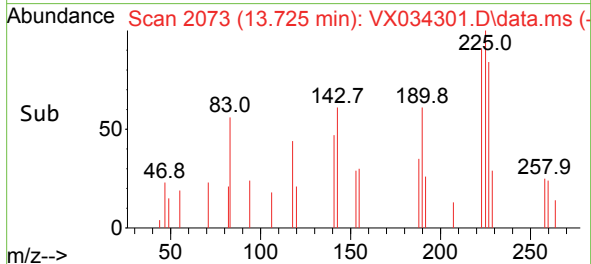
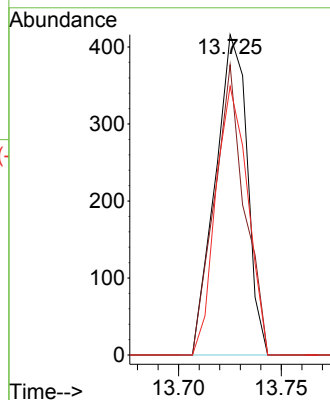
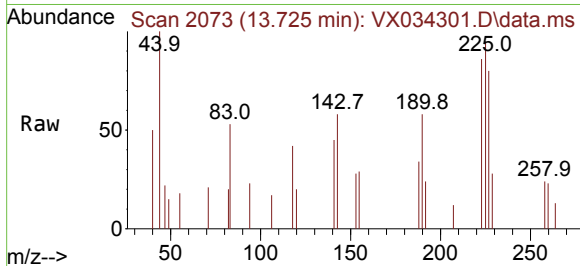




#94
Hexachlorobutadiene
Concen: 0.337 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

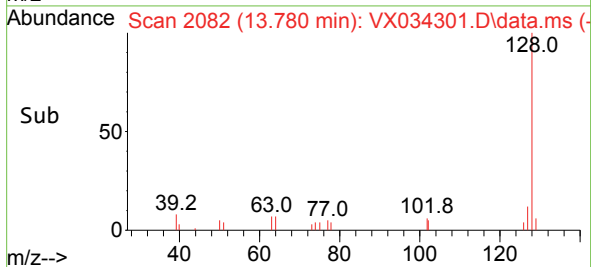
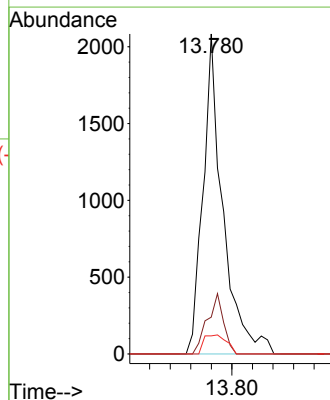
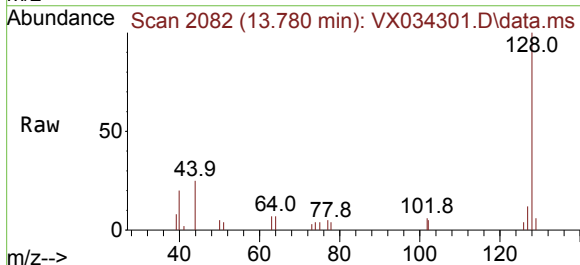
Instrument :
MSVOA_X
ClientSampleId :
DEP-2

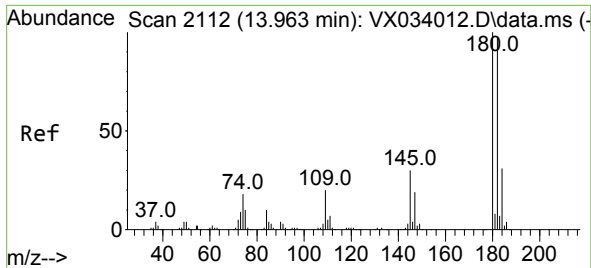
Tgt Ion:	225	Resp:	448
Ion	Ratio	Lower	Upper
225	100		
223	85.7	31.3	93.9
227	84.2	32.3	96.9



#95
Naphthalene
Concen: 0.259 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

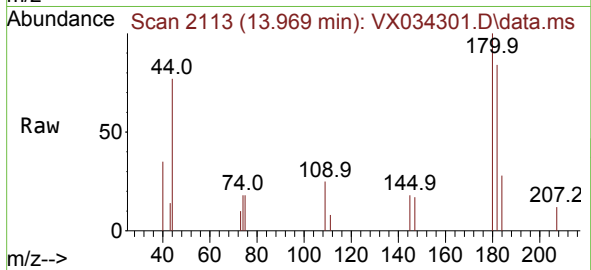
Tgt Ion:	128	Resp:	2796
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.3	15.5
129	6.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.274 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX034301.D
 Acq: 02 Mar 2023 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 DEP-2



Tgt Ion:	180	Resp:	871
Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.6	142.9
145	28.7	15.1	45.3

