

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034088.D
 Acq On : 08 Feb 2023 16:28
 Operator : JC/MD
 Sample : 01464-01ME
 Misc : 3.64g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOT-VOC-GRAB-52ME

Quant Time: Feb 09 04:54:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

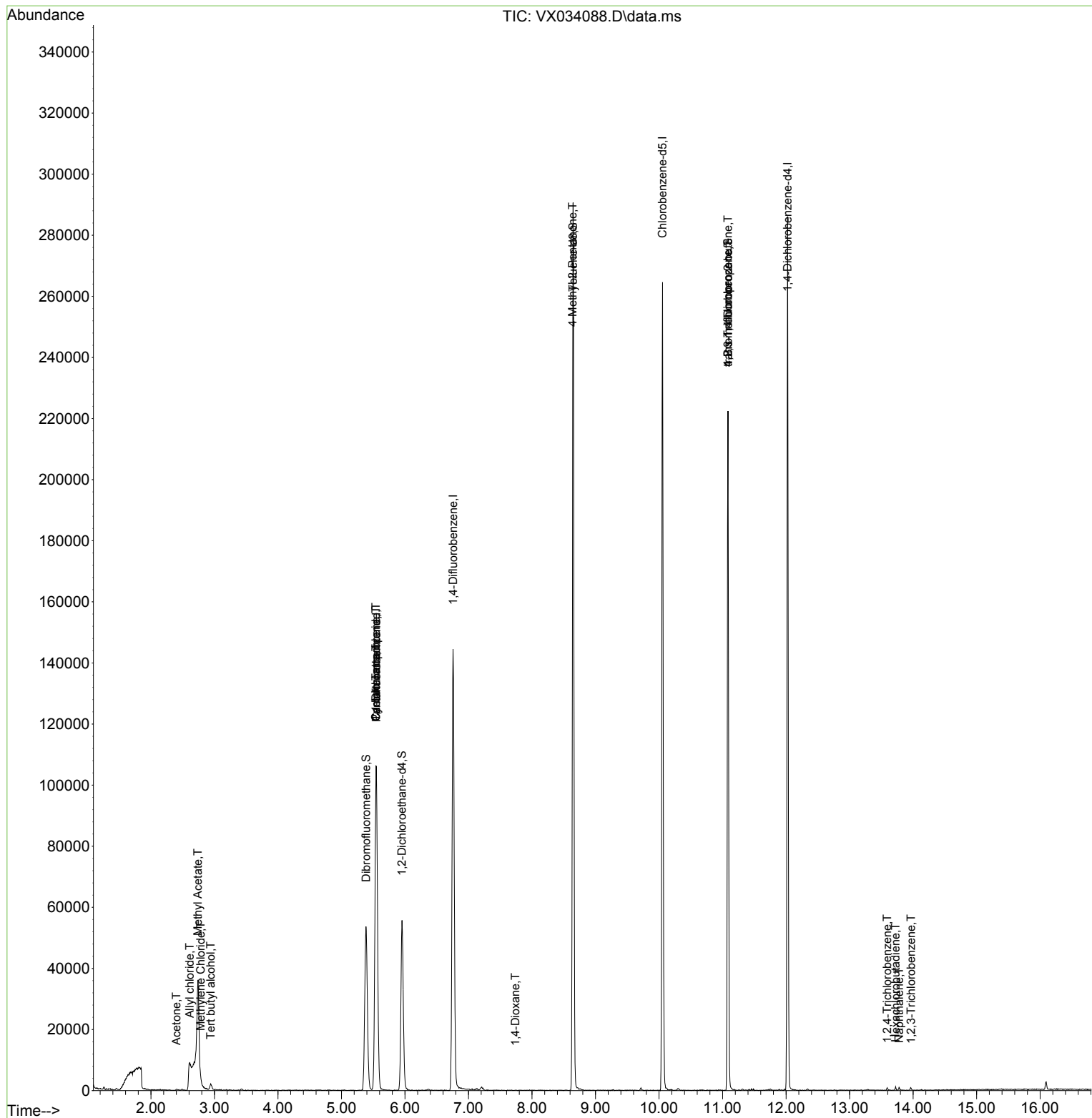
Internal Standards						
1) Pentafluorobenzene	5.550	168	117001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53830	47.724	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.440%		
35) Dibromofluoromethane	5.385	113	47205	46.817	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.640%		
50) Toluene-d8	8.647	98	177694	48.914	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.820%		
62) 4-Bromofluorobenzene	11.085	95	60315	46.487	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.980%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.940	59	1030	6.518	ug/l #	86
14) Allyl chloride	2.611	41	1143	0.732	ug/l #	54
16) Acetone	2.398	43	524	1.100	ug/l #	47
18) Methyl Acetate	2.739	43	17374	11.724	ug/l #	53
20) Methylene Chloride	2.782	84	1121	1.029	ug/l #	81
31) Cyclohexane	5.544	56	1650	1.004	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6902	4.993	ug/l #	48
38) Carbon Tetrachloride	5.544	117	9944	6.744	ug/l #	16
49) 1,4-Dioxane	7.738	88	73	3.657	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	790	0.627	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	28847	25.408	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	28847	78.248	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	391	0.252	ug/l #	89
94) Hexachlorobutadiene	13.725	225	331	0.432	ug/l	92
95) Naphthalene	13.780	128	906	0.213	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.969	180	347	0.223	ug/l	98

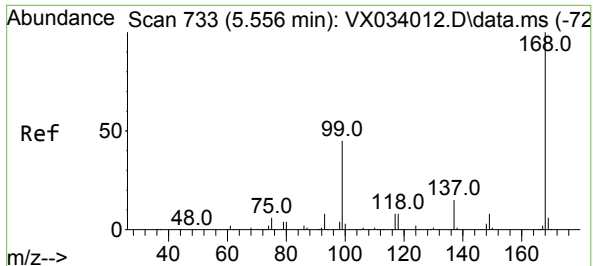
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

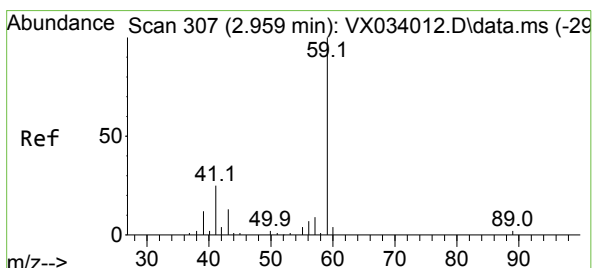
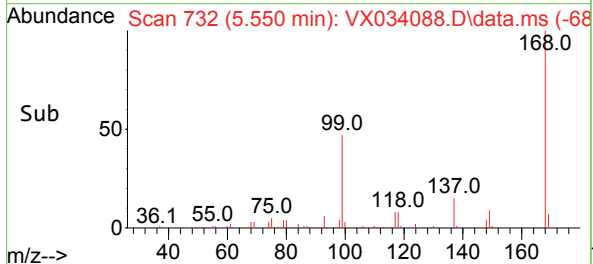
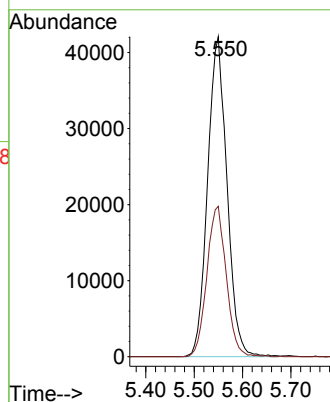
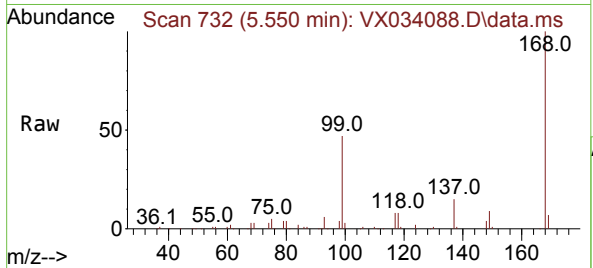




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

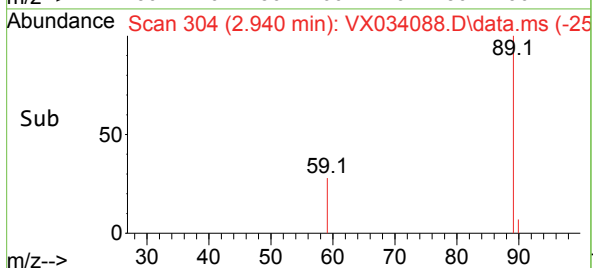
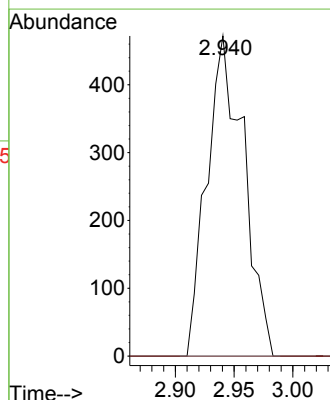
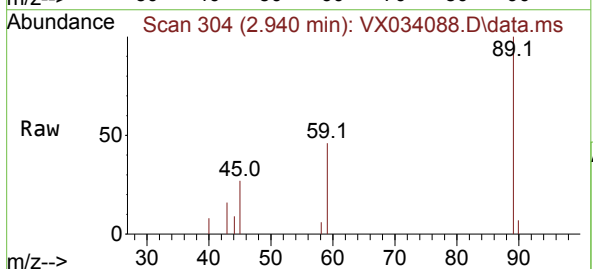
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-52ME

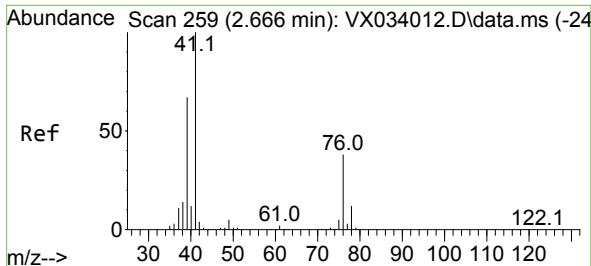
Tgt Ion:168 Resp: 117001
Ion Ratio Lower Upper
168 100
99 47.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 6.518 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

Tgt Ion: 59 Resp: 1030
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

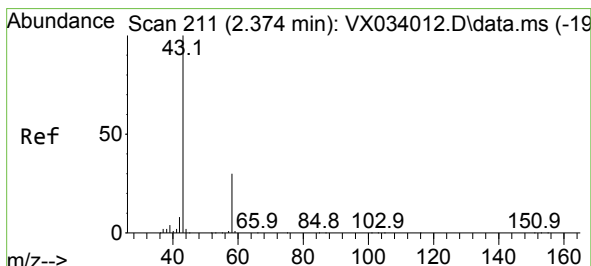
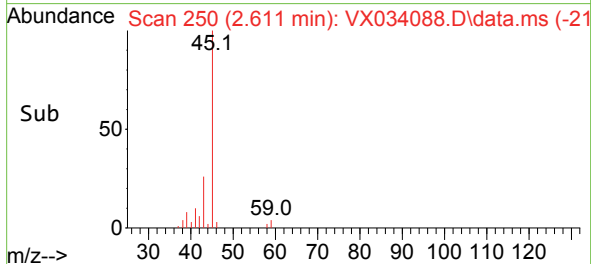
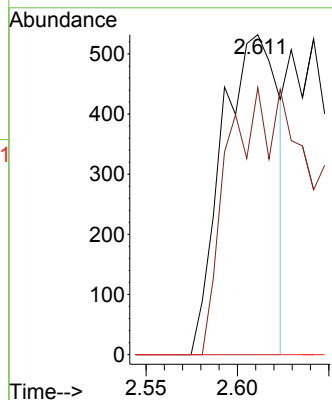
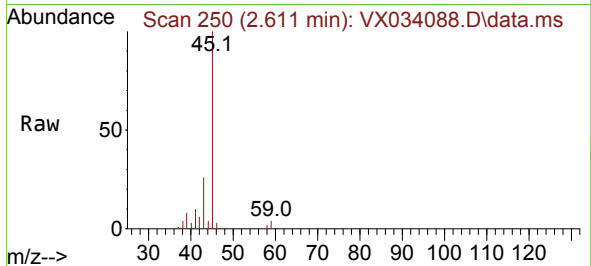




#14
 Allyl chloride
 Concen: 0.732 ug/l
 RT: 2.611 min Scan# 214
 Delta R.T. -0.055 min
 Lab File: VX034088.D
 Acq: 08 Feb 2023 16:28

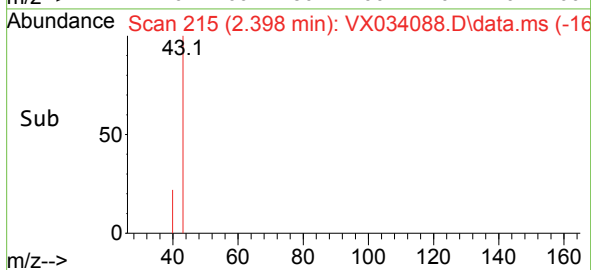
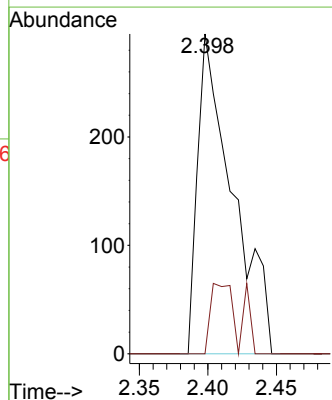
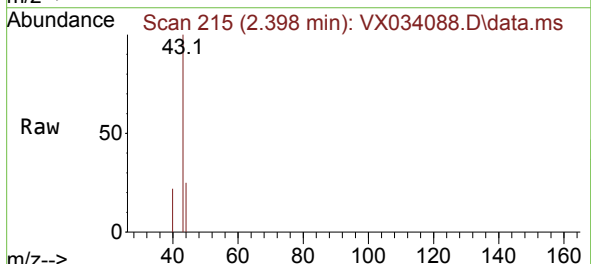
Instrument :
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 TOT-VOC-GRAB-52ME

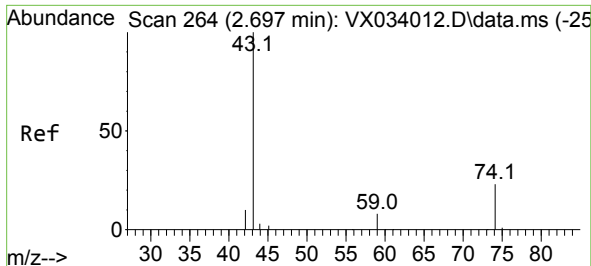
Tgt Ion: 41 Resp: 1143
 Ion Ratio Lower Upper
 41 100
 39 38.1 59.0 88.4#
 76 0.0 24.6 37.0#



#16
 Acetone
 Concen: 1.100 ug/l
 RT: 2.398 min Scan# 215
 Delta R.T. 0.024 min
 Lab File: VX034088.D
 Acq: 08 Feb 2023 16:28

Tgt Ion: 43 Resp: 524
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.6 33.8#

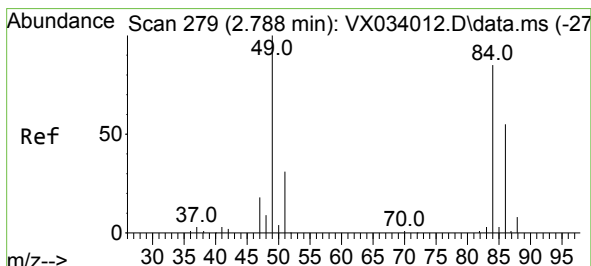
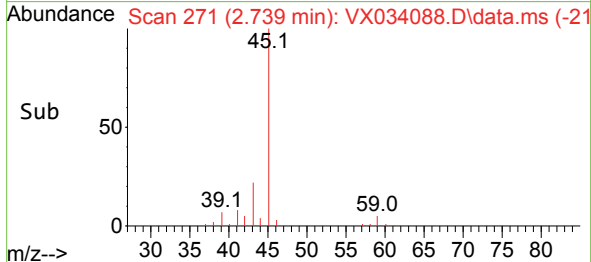
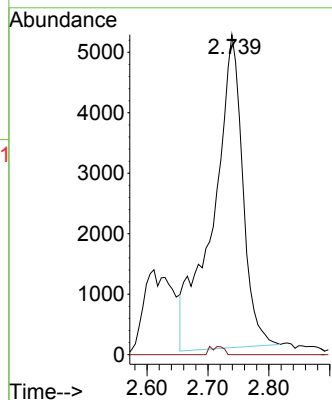
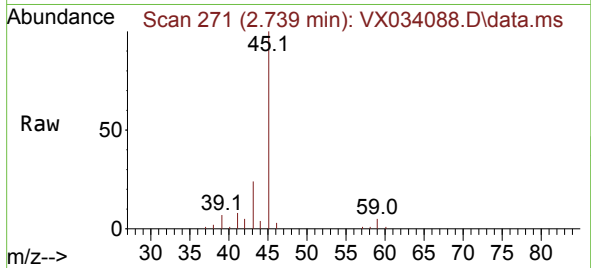




#18
Methyl Acetate
Concen: 11.724 ug/l
RT: 2.739 min Scan# 21
Delta R.T. 0.043 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

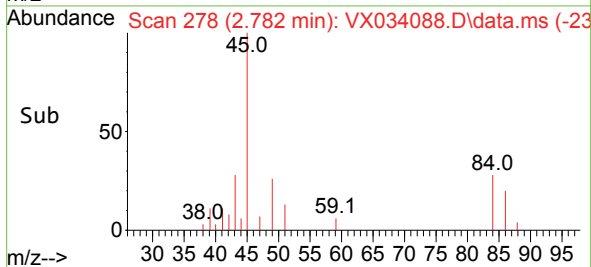
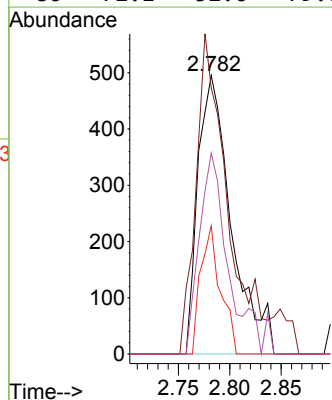
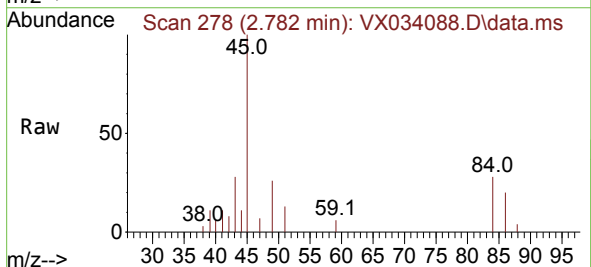
Instrument :
MSVOA_X
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TOT-VOC-GRAB-52ME

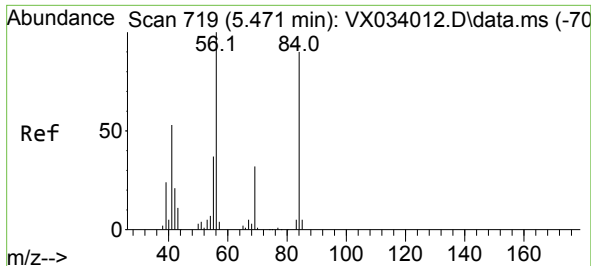
Tgt Ion: 43 Resp: 17374
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#20
Methylene Chloride
Concen: 1.029 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

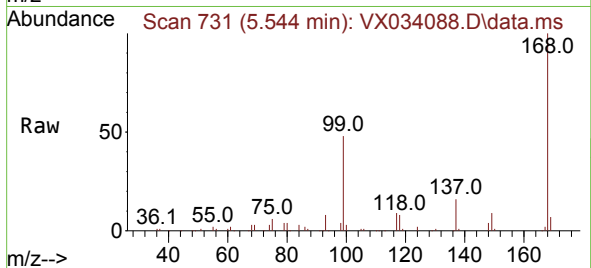
Tgt Ion: 84 Resp: 1121
Ion Ratio Lower Upper
84 100
49 95.6 101.1 151.7#
51 46.1 31.0 46.6
86 72.1 52.6 79.0



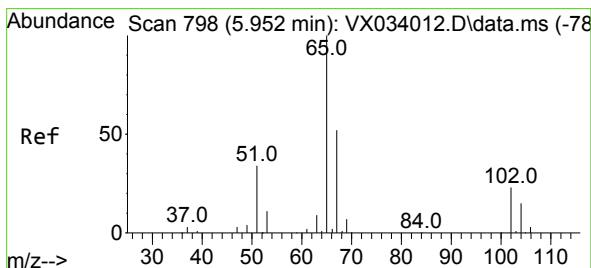
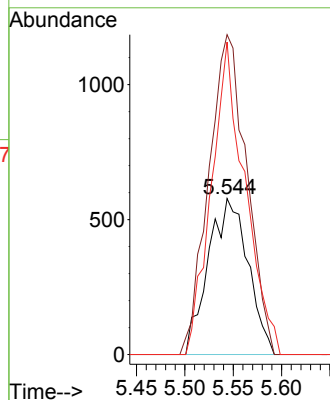
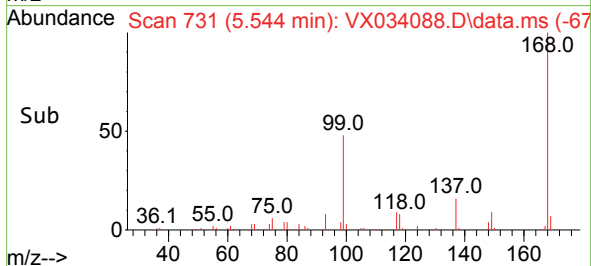


#31
Cyclohexane
Concen: 1.004 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-52ME

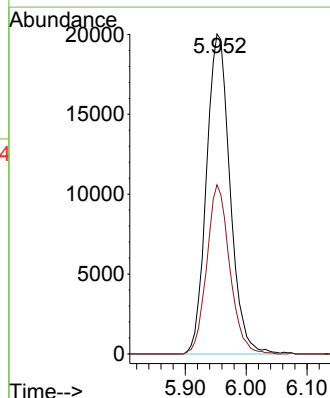
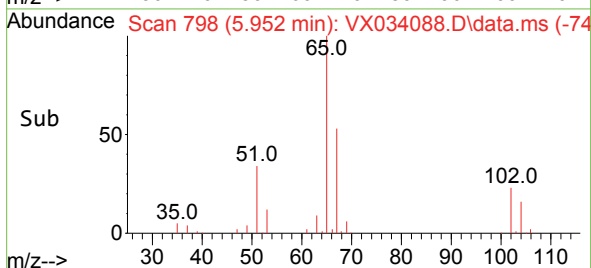
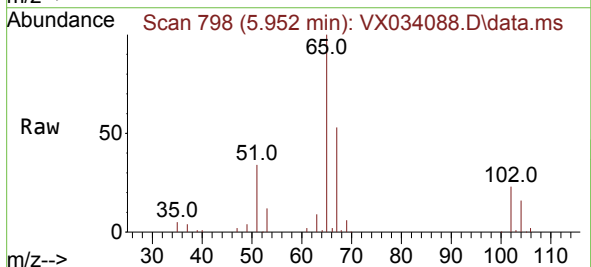


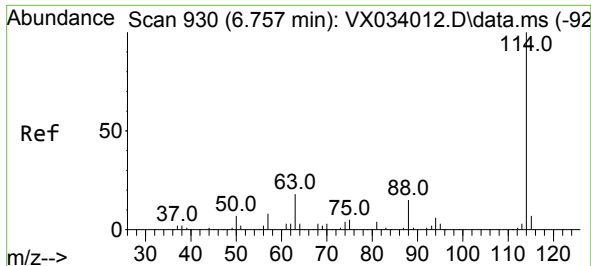
Tgt Ion: 56 Resp: 1650
Ion Ratio Lower Upper
56 100
69 205.0 24.6 37.0#
84 200.3 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 47.724 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

Tgt Ion: 65 Resp: 53830
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

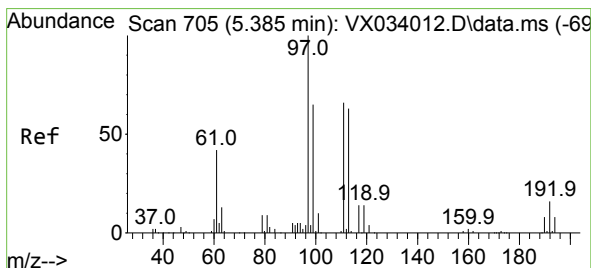
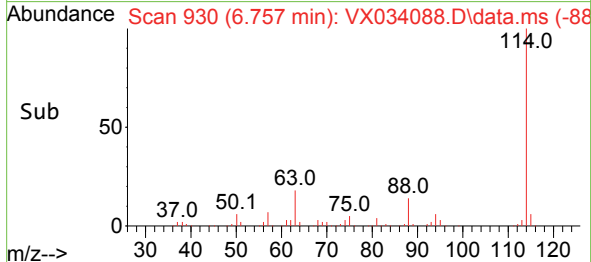
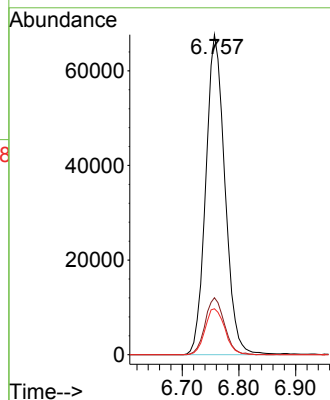
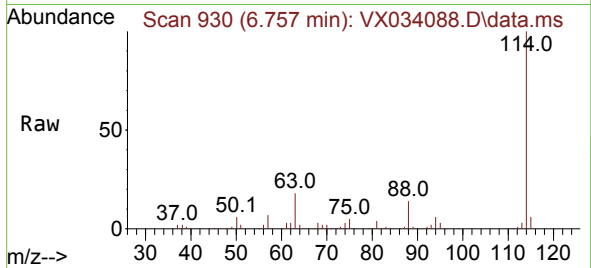




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

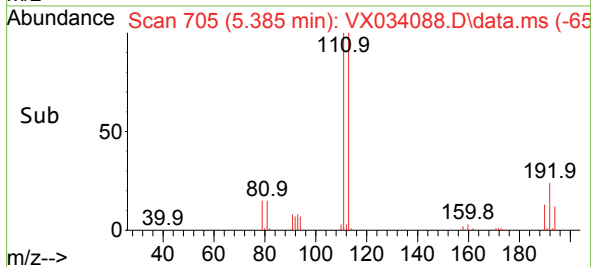
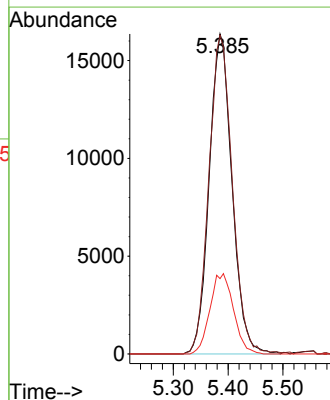
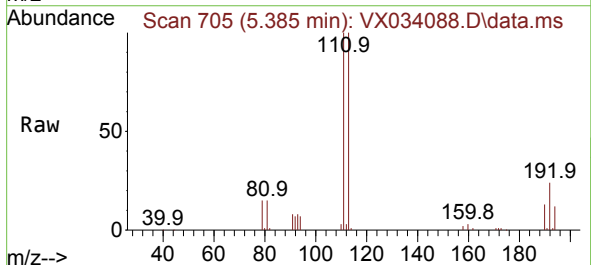
Instrument :
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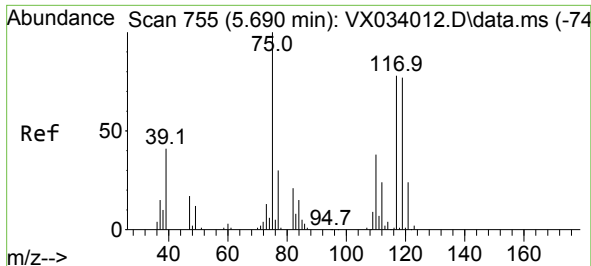
Tgt Ion:114 Resp: 158429
Ion Ratio Lower Upper
114 100
63 17.8 0.0 37.4
88 14.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.817 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

Tgt Ion:113 Resp: 47205
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 26.0 19.0 28.4

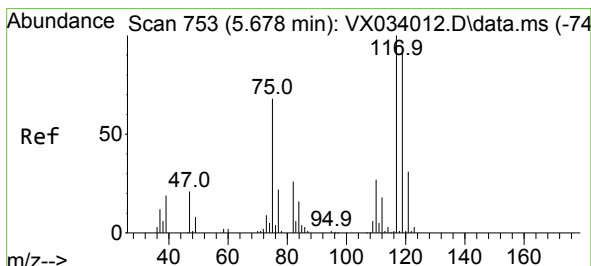
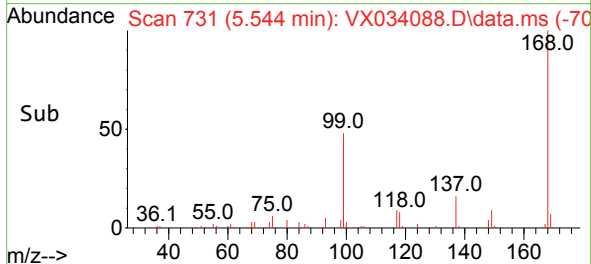
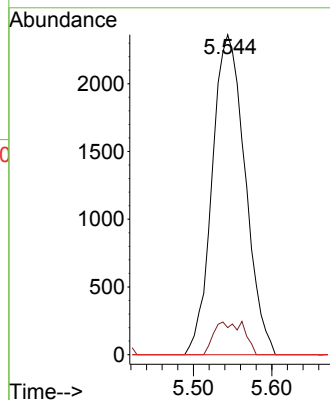
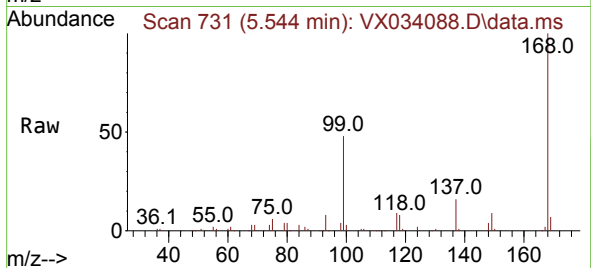




#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

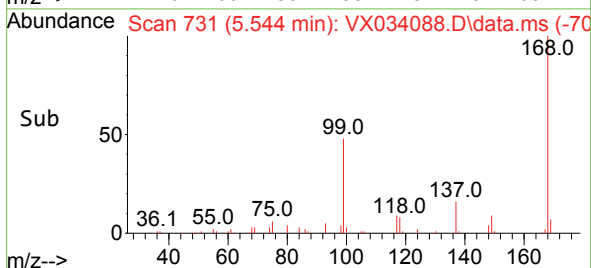
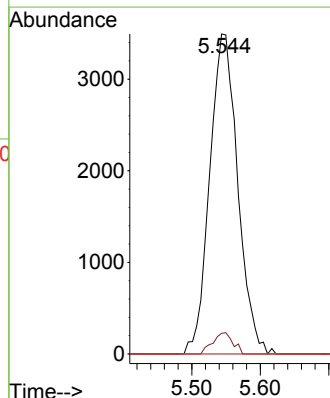
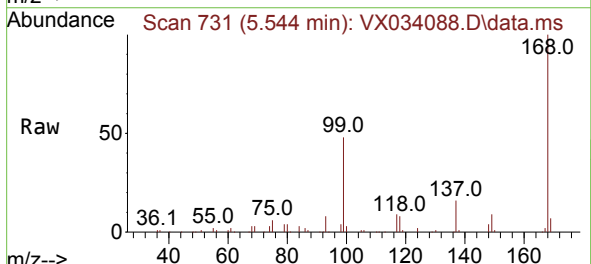
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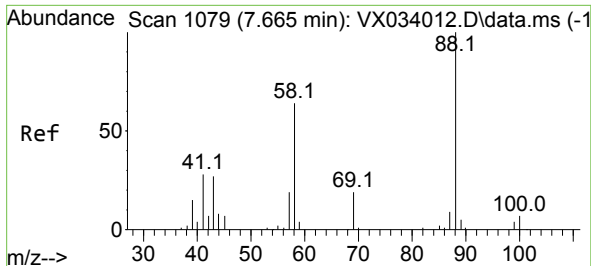
Tgt Ion: 75 Resp: 6902
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.744 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

Tgt Ion: 117 Resp: 9944
Ion Ratio Lower Upper
117 100
119 6.5 78.0 117.0#
121 0.0 24.4 36.6#

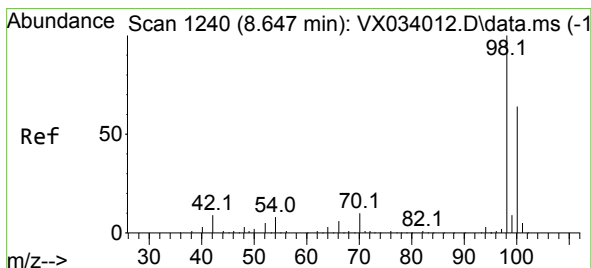
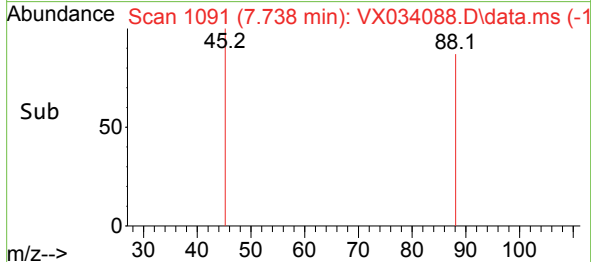
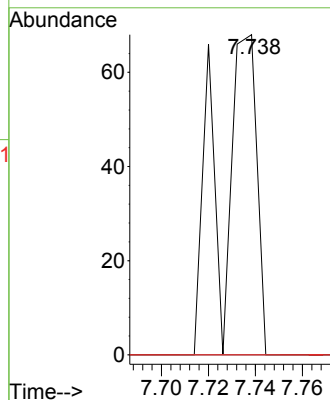
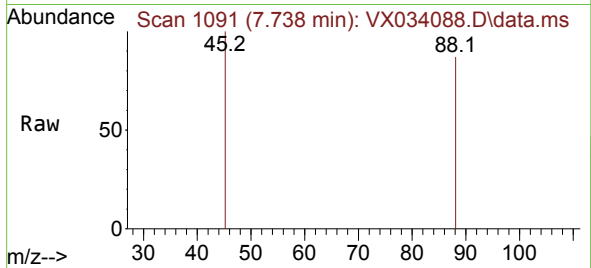




#49
1,4-Dioxane
Concen: 3.657 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. 0.073 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

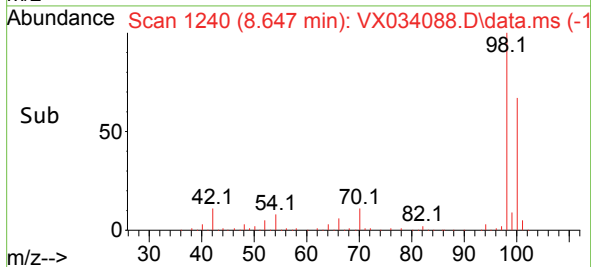
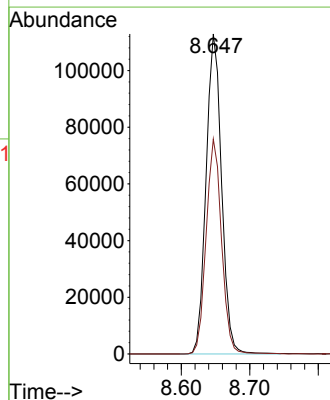
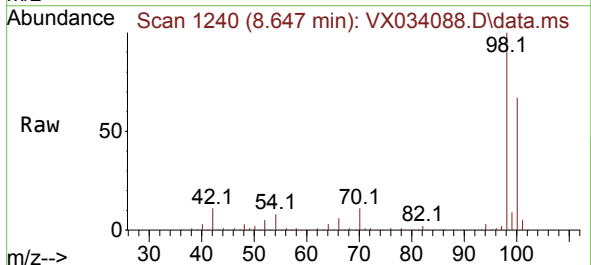
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TOT-VOC-GRAB-52ME

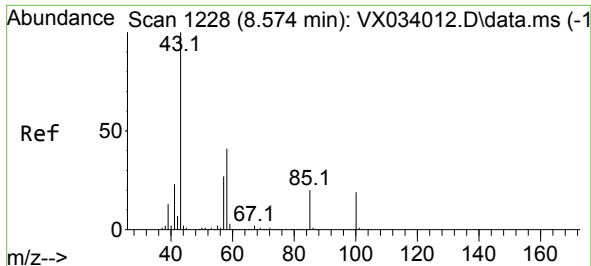
Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 56.5 84.7#



#50
Toluene-d8
Concen: 48.914 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

Tgt Ion: 98 Resp: 177694
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4

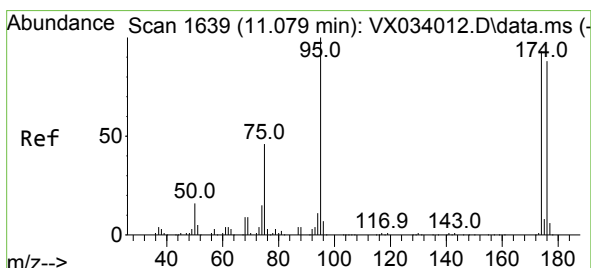
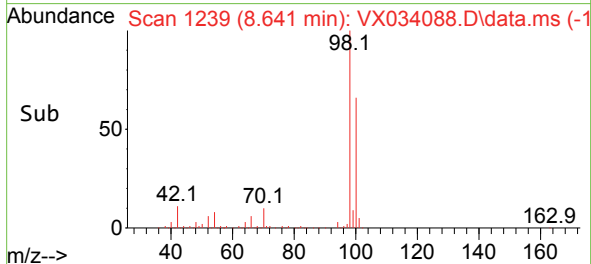
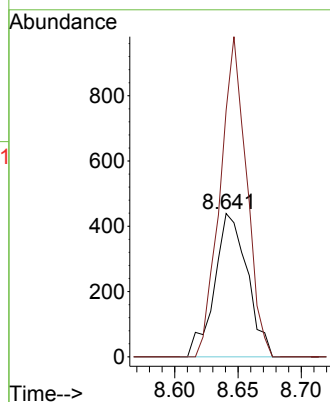
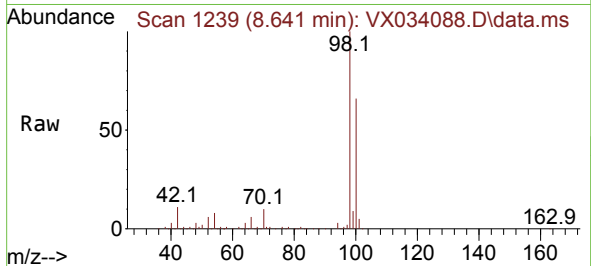




#51
4-Methyl-2-Pentanone
Concen: 0.627 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

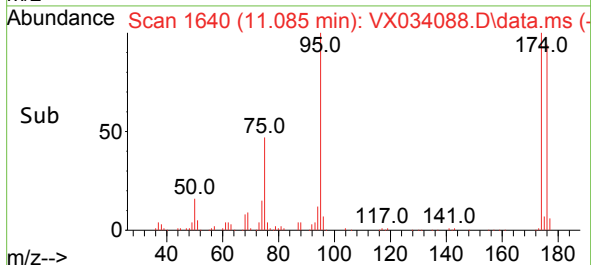
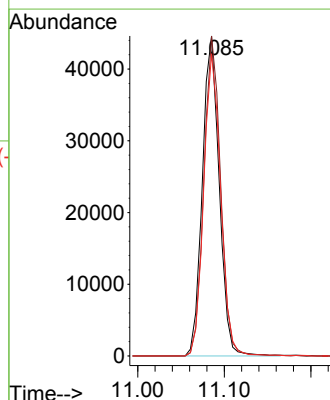
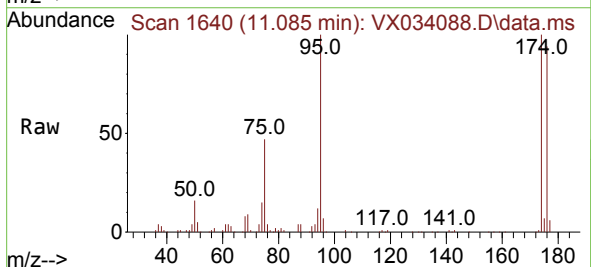
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-52ME

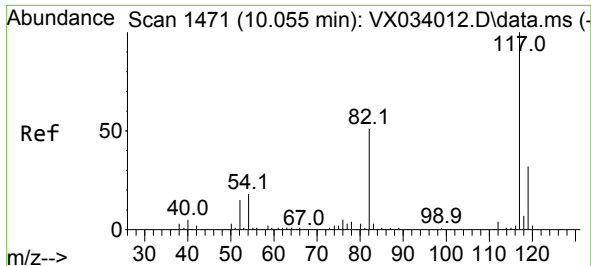
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 180.4 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.487 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

Tgt Ion: 95 Resp: 60315
Ion Ratio Lower Upper
95 100
174 99.7 0.0 184.4
176 95.0 0.0 178.8

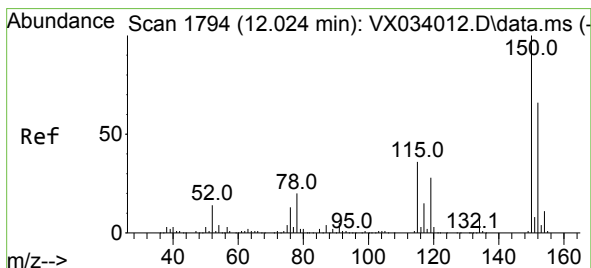
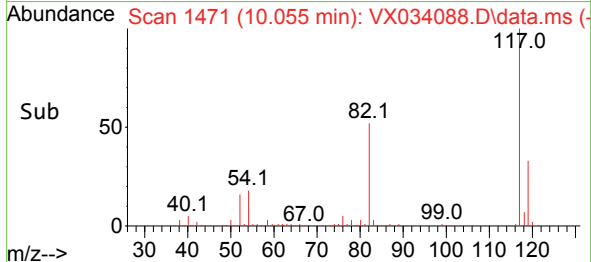
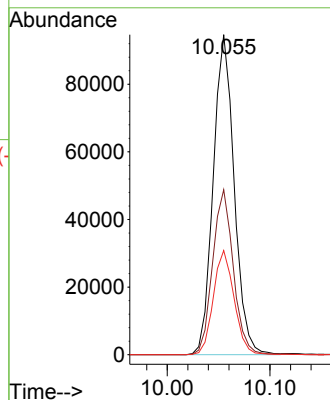
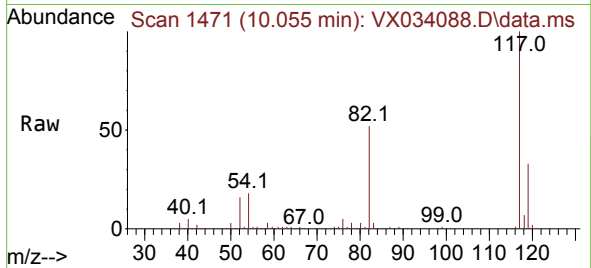




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

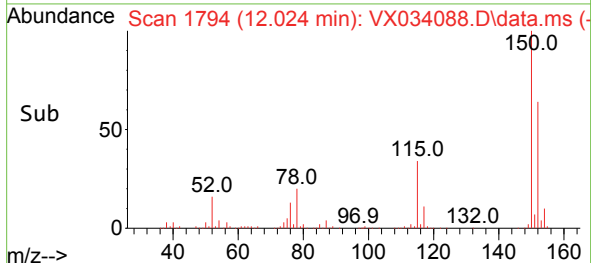
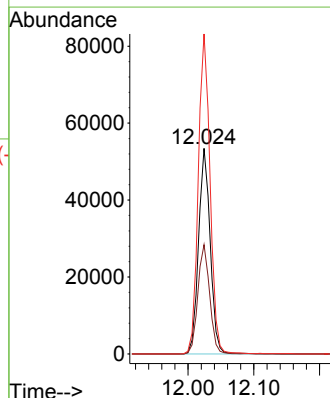
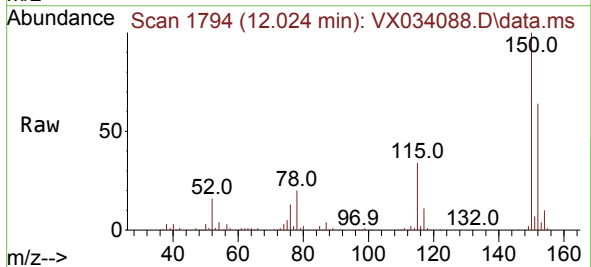
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-52ME

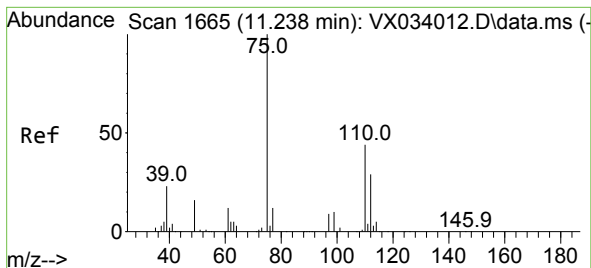
Tgt Ion:117 Resp: 134166
Ion Ratio Lower Upper
117 100
82 51.6 40.6 60.8
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

Tgt Ion:152 Resp: 66121
Ion Ratio Lower Upper
152 100
115 53.6 38.7 116.1
150 156.7 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 25.408 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.153 min

Lab File: VX034088.D

Acq: 08 Feb 2023 16:28

Instrument :

MSVOA_X

ClientSampleId :

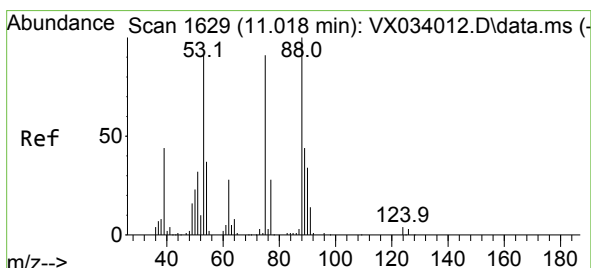
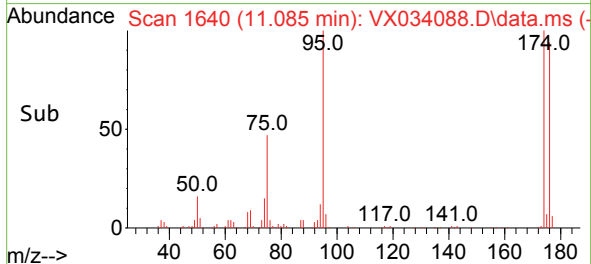
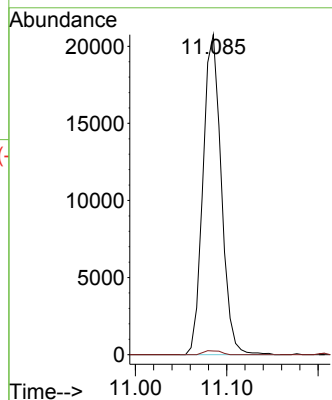
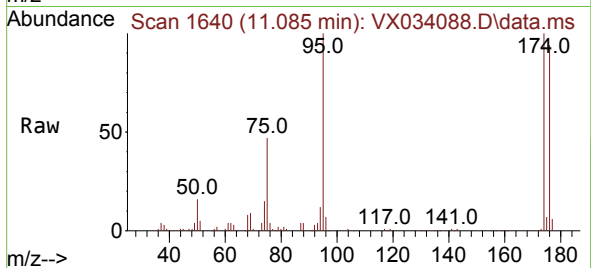
TOT-VOC-GRAB-52ME

Tgt Ion: 75 Resp: 28847

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.248 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX034088.D

Acq: 08 Feb 2023 16:28

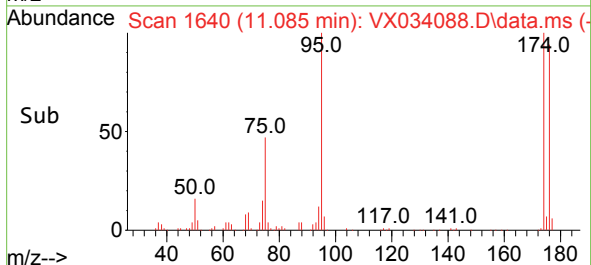
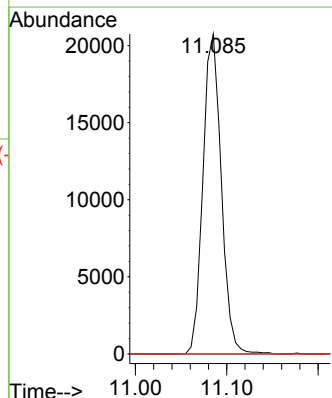
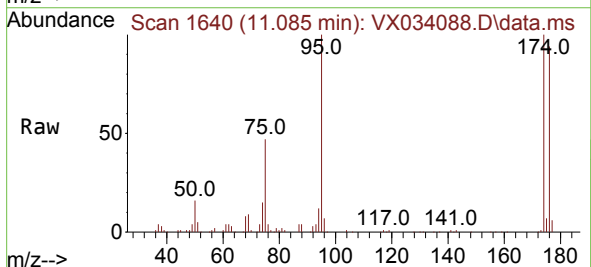
Tgt Ion: 75 Resp: 28847

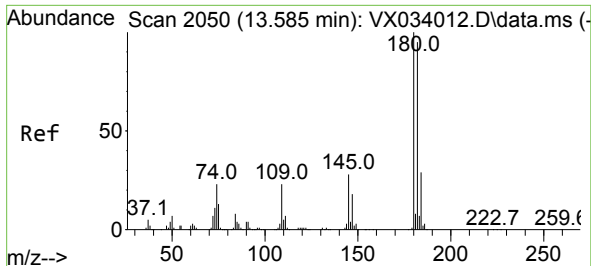
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.252 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034088.D

Acq: 08 Feb 2023 16:28

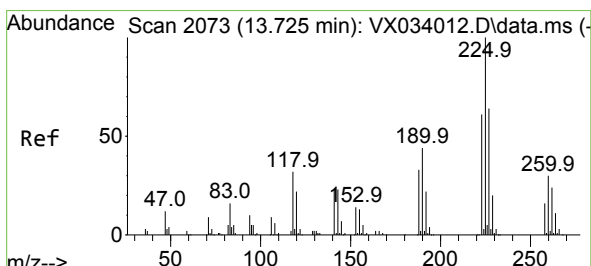
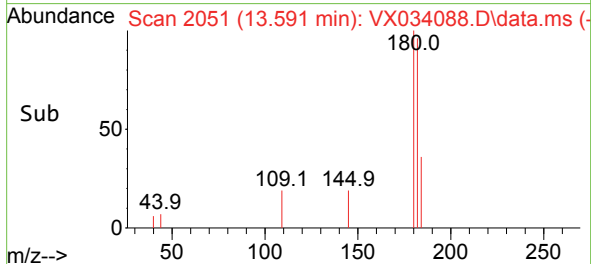
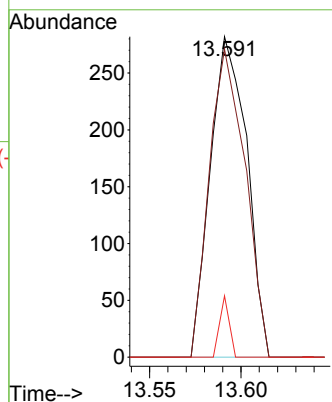
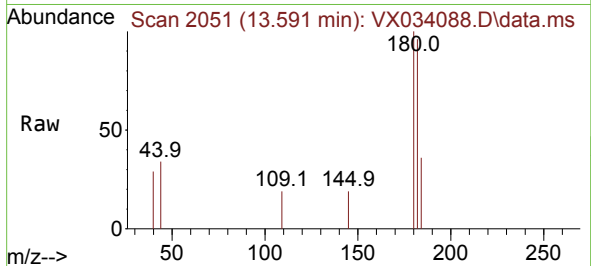
Instrument :

MSVOA_X

ClientSampleId :

TOT-VOC-GRAB-52ME

Tgt Ion:180	Resp:	391
Ion	Ratio	Lower Upper
180	100	
182	94.6	47.9 143.6
145	5.1	14.1 42.2#



#94

Hexachlorobutadiene

Concen: 0.432 ug/l

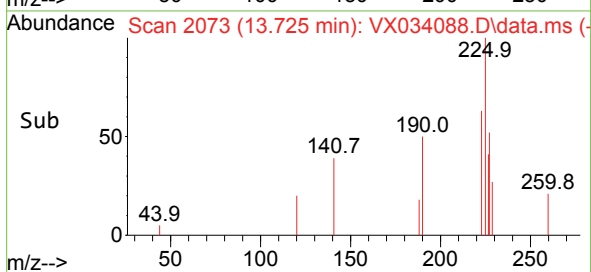
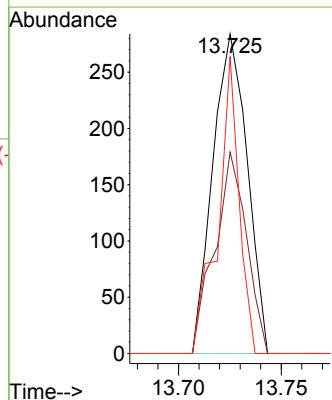
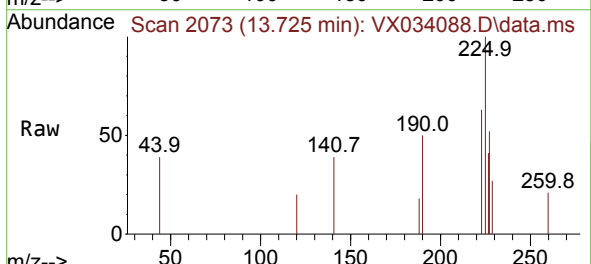
RT: 13.725 min Scan# 2073

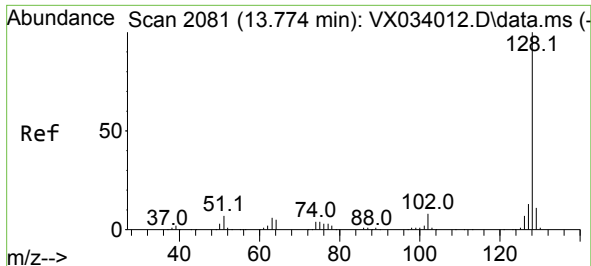
Delta R.T. -0.000 min

Lab File: VX034088.D

Acq: 08 Feb 2023 16:28

Tgt Ion:225	Resp:	331
Ion	Ratio	Lower Upper
225	100	
223	58.0	31.3 93.9
227	56.8	32.3 96.9

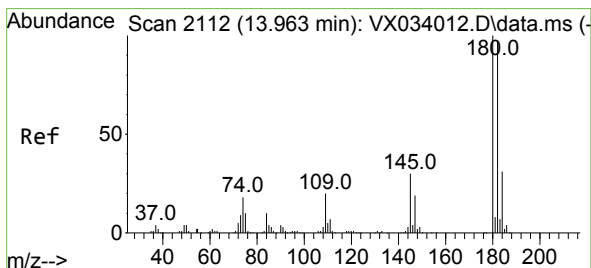
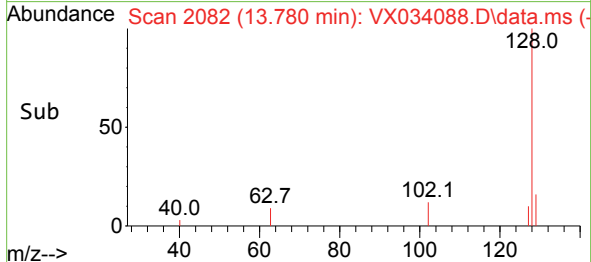
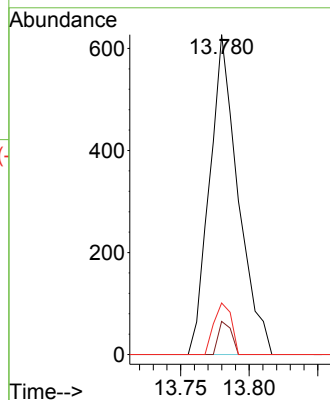
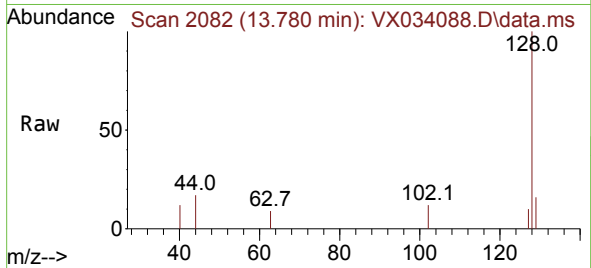




#95
Naphthalene
Concen: 0.213 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-52ME

Tgt Ion:128 Resp: 906
Ion Ratio Lower Upper
128 100
127 4.7 10.3 15.5#
129 9.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.223 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX034088.D
Acq: 08 Feb 2023 16:28

Tgt Ion:180 Resp: 347
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.9
145 26.8 15.1 45.3

