

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034317.D
 Acq On : 03 Mar 2023 13:02
 Operator : JC/MD
 Sample : 01739-18
 Misc : 12.88g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-5-GRAB-7

Quant Time: Mar 03 15:08:48 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)

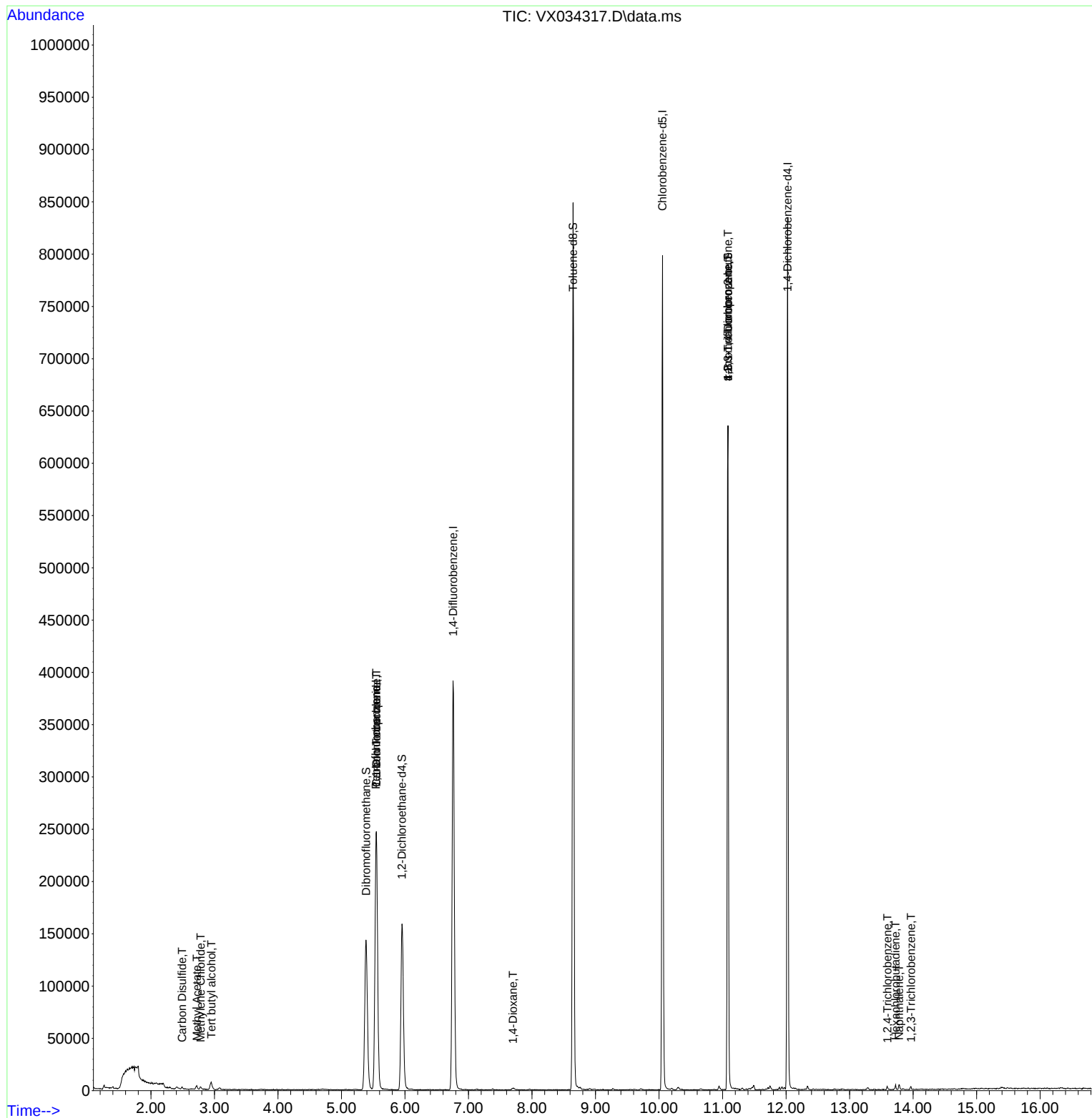
Internal Standards						
1) Pentafluorobenzene	5.543	168	248920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	409652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	149078	44.470	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.940%
35) Dibromofluoromethane	5.385	113	125339	46.992	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.980%
50) Toluene-d8	8.646	98	489802	51.147	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.300%
62) 4-Bromofluorobenzene	11.085	95	171575	46.840	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	323	Below Cal	#	67
11) Tert butyl alcohol	2.952	59	3968	5.292	ug/l #	90
17) Carbon Disulfide	2.489	76	2263	0.292	ug/l	96
18) Methyl Acetate	2.721	43	4503	0.842	ug/l #	88
20) Methylene Chloride	2.782	84	1245	0.400	ug/l #	87
36) 1,1-Dichloropropene	5.549	75	18199	4.614	ug/l #	48
38) Carbon Tetrachloride	5.549	117	23166	5.707	ug/l #	15
49) 1,4-Dioxane	7.702	88	1983	26.925	ug/l #	59
76) 1,2,3-Trichloropropane	11.085	75	85402	19.956	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	85402	51.265	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.597	180	987	0.269	ug/l	97
94) Hexachlorobutadiene	13.725	225	664	0.436	ug/l	96
95) Naphthalene	13.780	128	3724	0.301	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.969	180	1021	0.280	ug/l	92

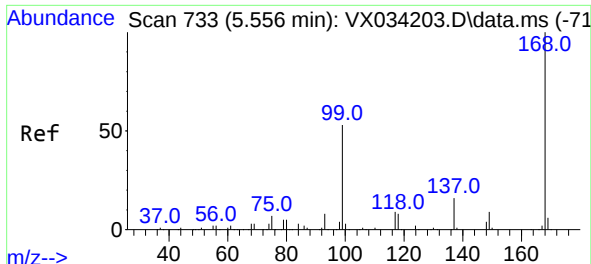
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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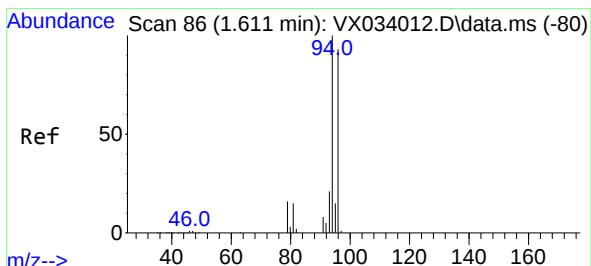
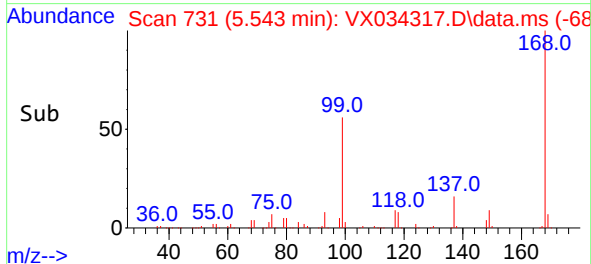
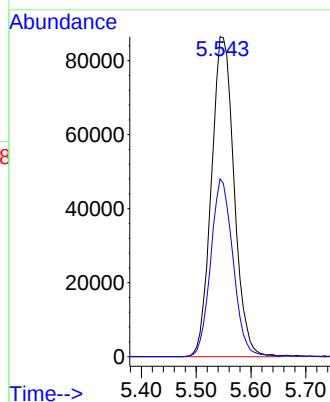
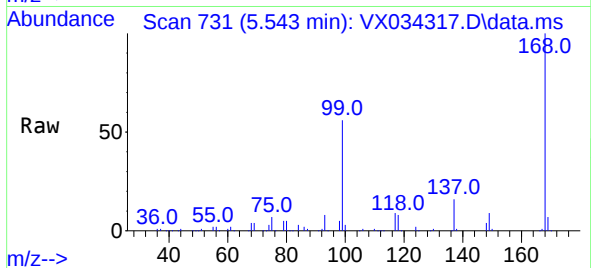




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

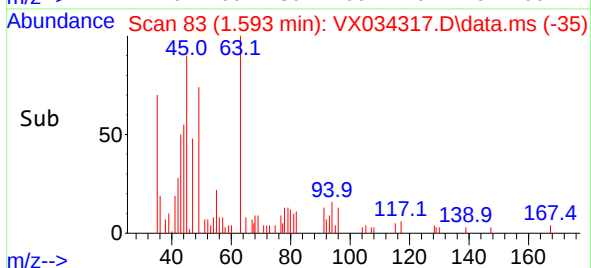
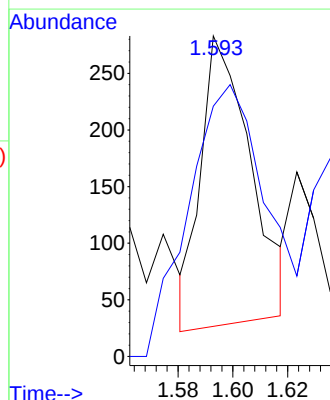
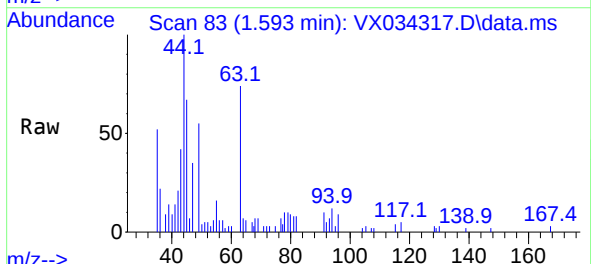
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-5-GRAB-7

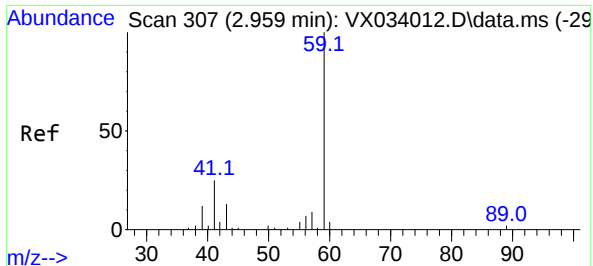
Tgt Ion:168 Resp: 248920
Ion Ratio Lower Upper
168 100
99 55.6 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 61.1 74.3 111.5#

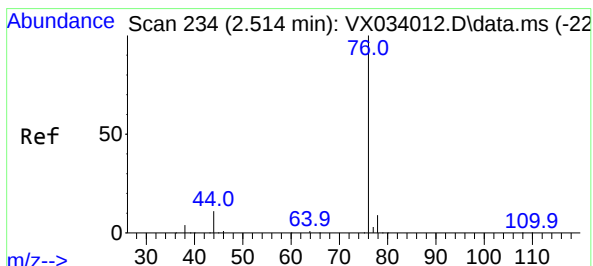
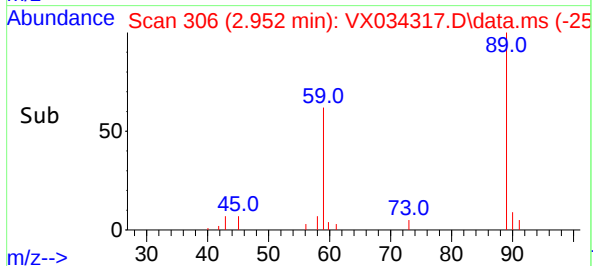
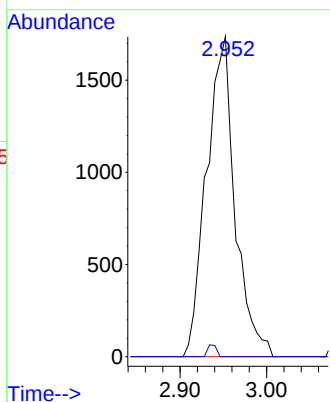
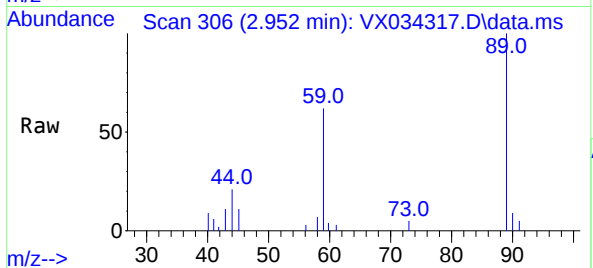




#11
Tert butyl alcohol
Concen: 5.292 ug/l
RT: 2.952 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

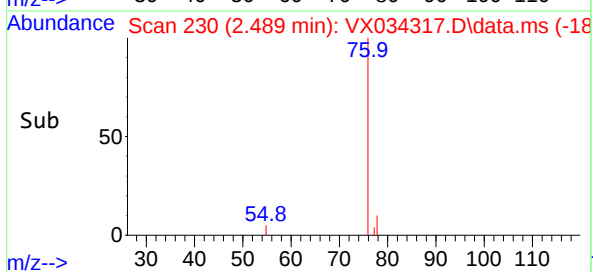
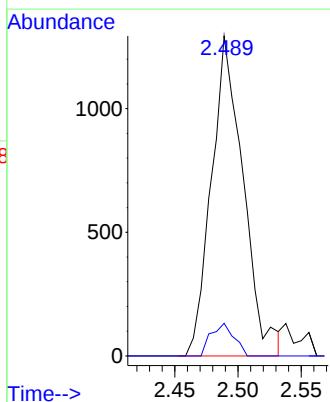
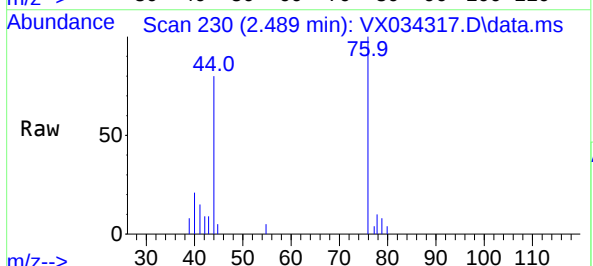
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-5-GRAB-7

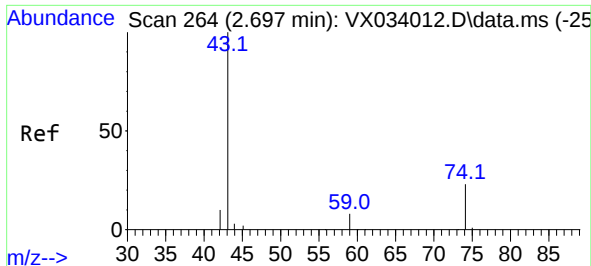
Tgt Ion: 59 Resp: 3968
Ion Ratio Lower Upper
59 100
57 1.2 3.7 5.5#



#17
Carbon Disulfide
Concen: 0.292 ug/l
RT: 2.489 min Scan# 230
Delta R.T. -0.018 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

Tgt Ion: 76 Resp: 2263
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6





#18

Methyl Acetate

Concen: 0.842 ug/l

RT: 2.721 min Scan# 2

Delta R.T. 0.024 min

Lab File: VX034317.D

Acq: 03 Mar 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

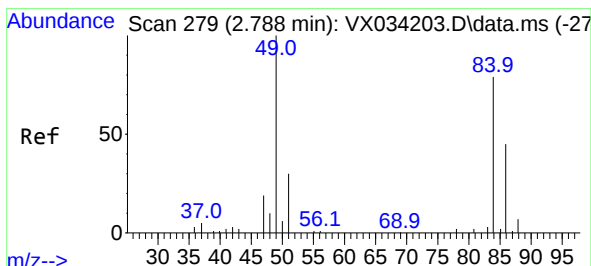
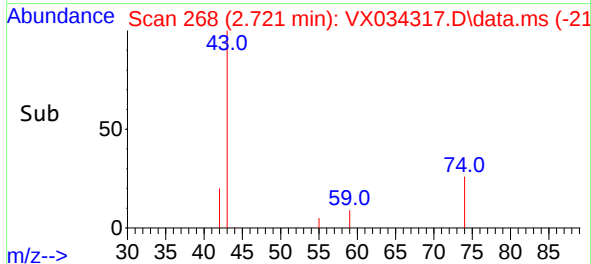
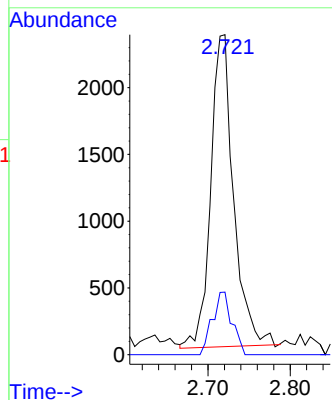
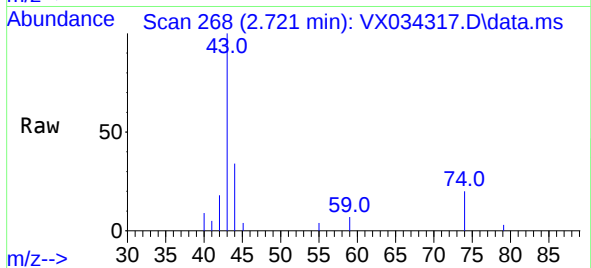
TOTAL-VOC-5-GRAB-7

Tgt Ion: 43 Resp: 4503

Ion Ratio Lower Upper

43 100

74 17.1 18.2 27.4#



#20

Methylene Chloride

Concen: 0.400 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX034317.D

Acq: 03 Mar 2023 13:02

Tgt Ion: 84 Resp: 1245

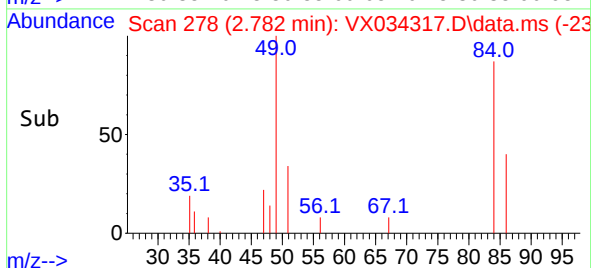
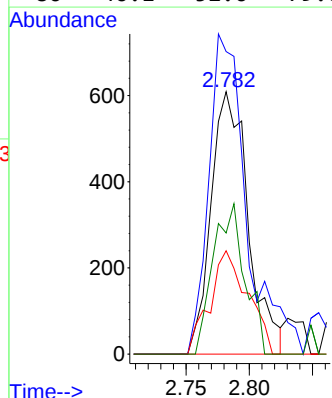
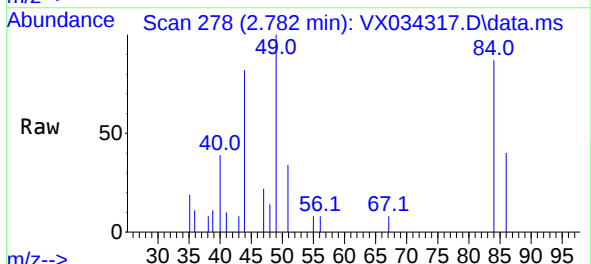
Ion Ratio Lower Upper

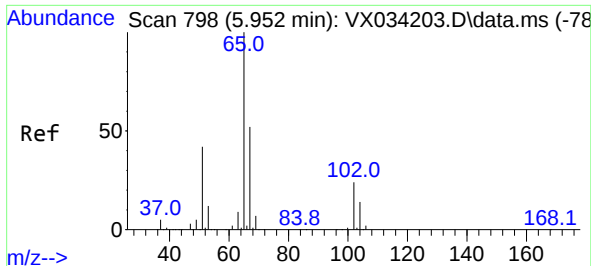
84 100

49 115.3 101.1 151.7

51 39.4 31.0 46.6

86 46.1 52.6 79.0#

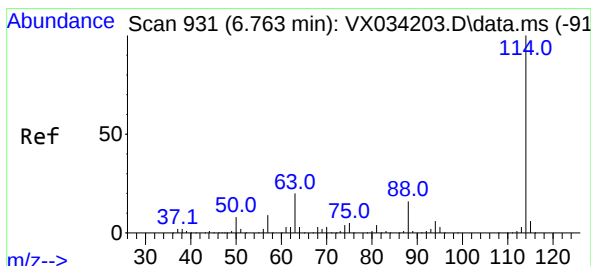
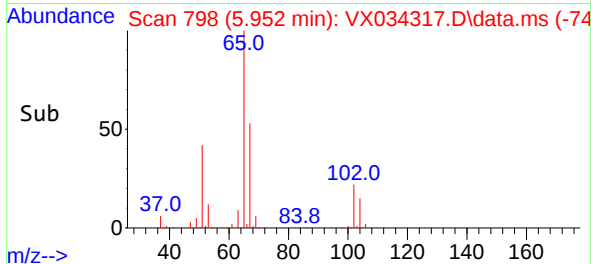
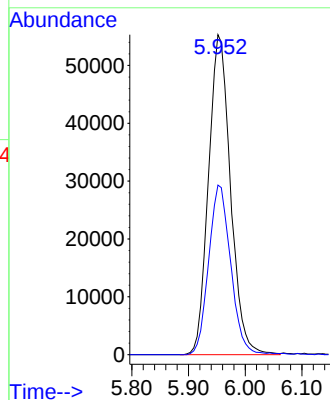
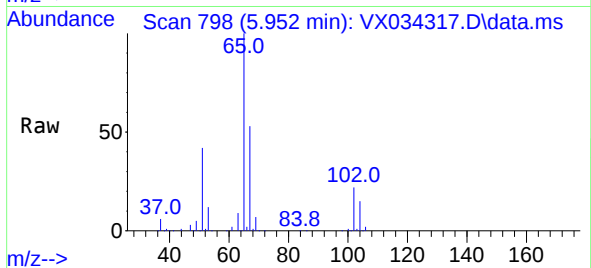




#33
 1,2-Dichloroethane-d4
 Concen: 44.470 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX034317.D
 Acq: 03 Mar 2023 13:02

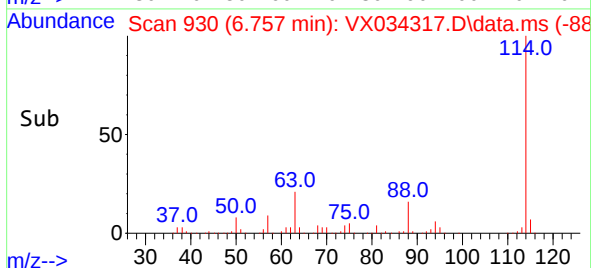
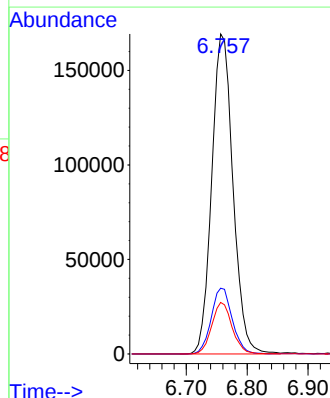
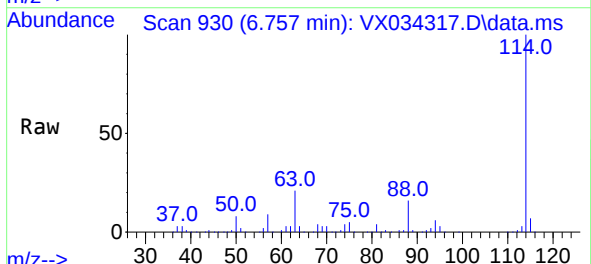
Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-5-GRAB-7

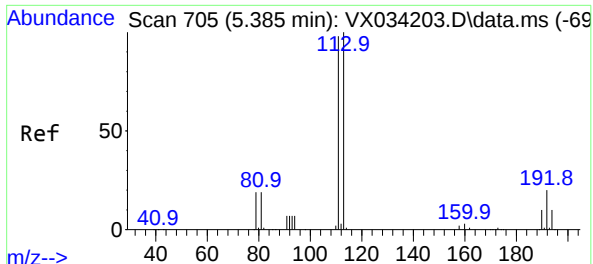
Tgt Ion: 65 Resp: 149078
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX034317.D
 Acq: 03 Mar 2023 13:02

Tgt Ion: 114 Resp: 409652
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 16.1 0.0 30.6

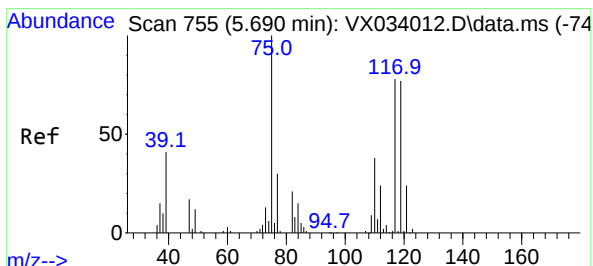
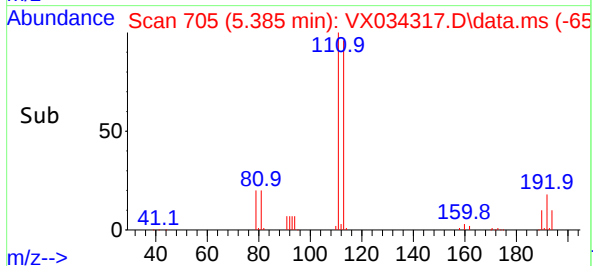
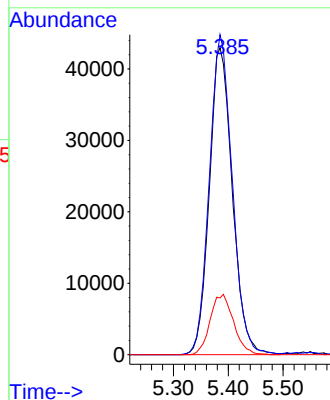
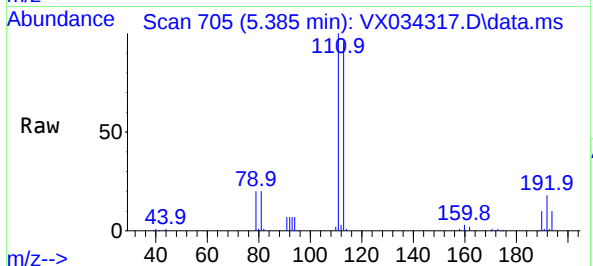




#35
Dibromofluoromethane
Concen: 46.992 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

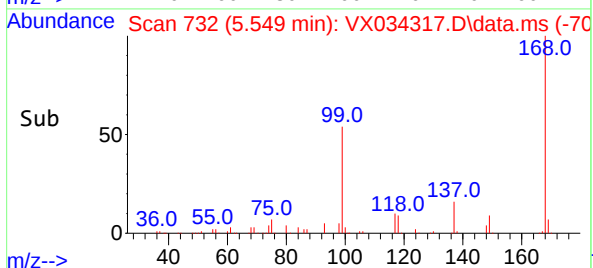
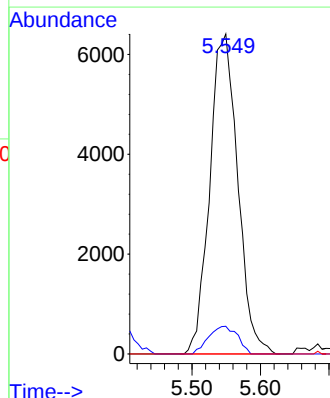
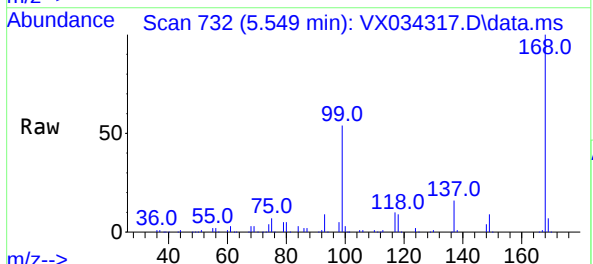
Instrument :
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TOTAL-VOC-5-GRAB-7

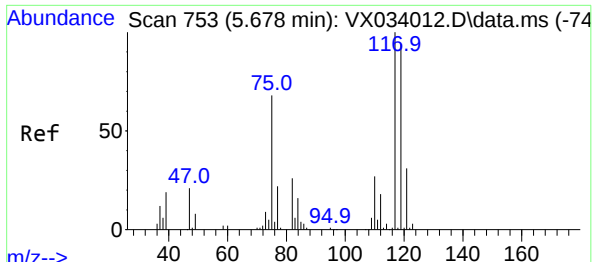
Tgt Ion:113 Resp: 125339
Ion Ratio Lower Upper
113 100
111 103.9 83.0 124.6
192 20.0 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.614 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

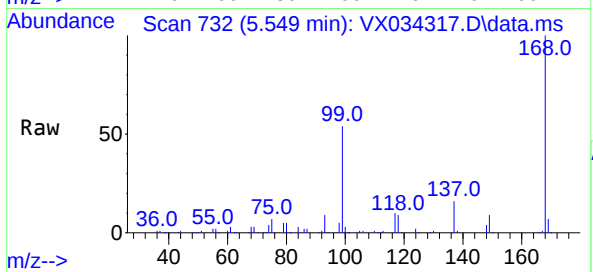
Tgt Ion: 75 Resp: 18199
Ion Ratio Lower Upper
75 100
110 8.9 18.8 56.4#
77 0.0 25.1 37.7#



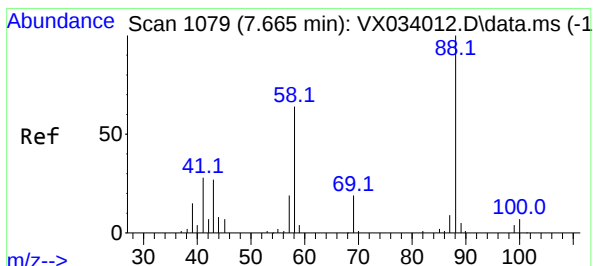
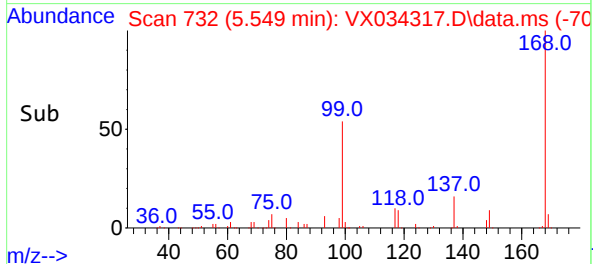
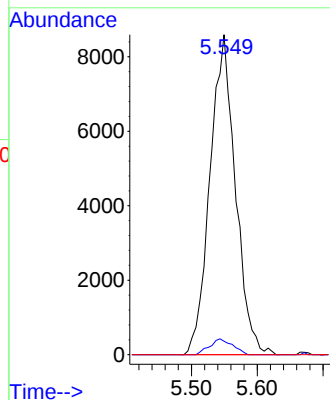


#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-5-GRAB-7

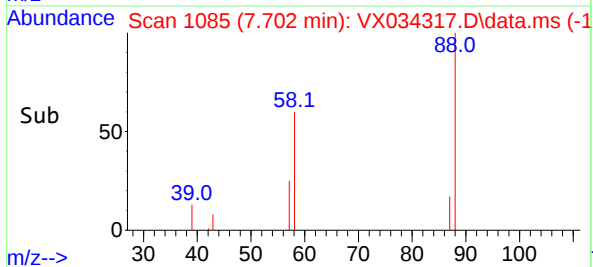
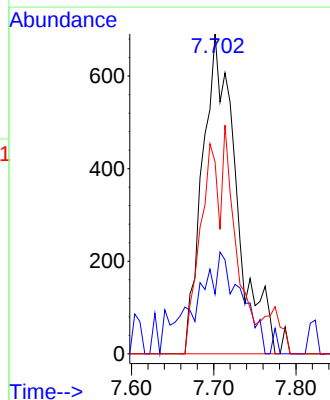
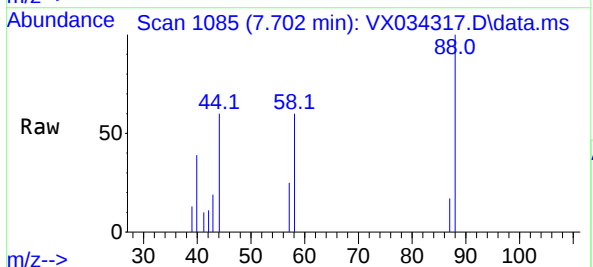


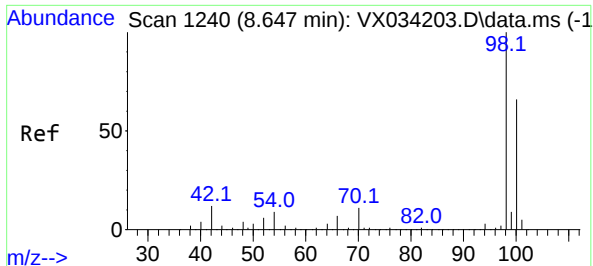
Tgt Ion:117 Resp: 23166
Ion Ratio Lower Upper
117 100
119 4.2 78.0 117.0#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 26.925 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.049 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

Tgt Ion: 88 Resp: 1983
Ion Ratio Lower Upper
88 100
43 45.3 0.0 0.0#
58 37.0 56.5 84.7#





#50

Toluene-d8

Concen: 51.147 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034317.D

Acq: 03 Mar 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

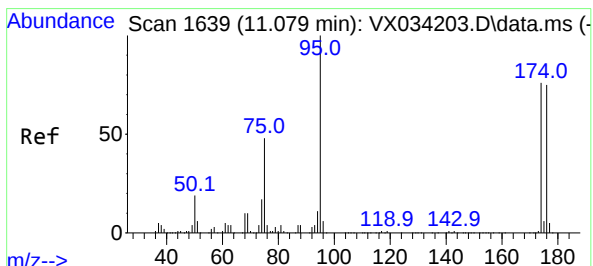
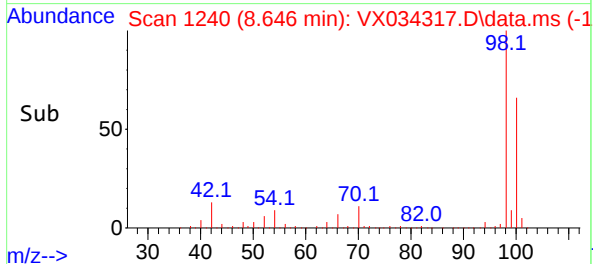
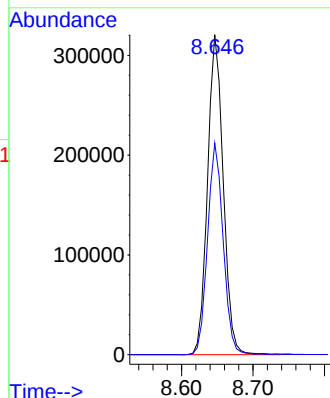
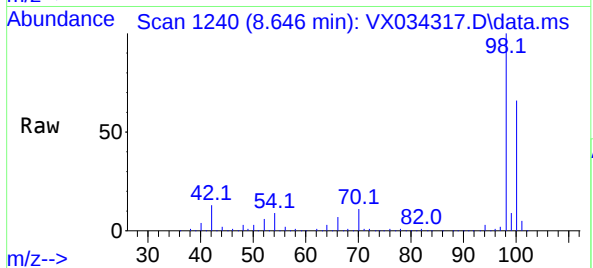
TOTAL-VOC-5-GRAB-7

Tgt Ion: 98 Resp: 489802

Ion Ratio Lower Upper

98 100

100 65.7 53.6 80.4



#62

4-Bromofluorobenzene

Concen: 46.840 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX034317.D

Acq: 03 Mar 2023 13:02

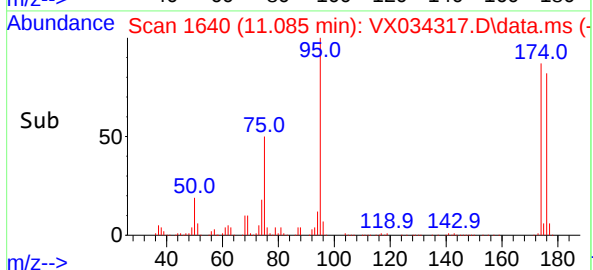
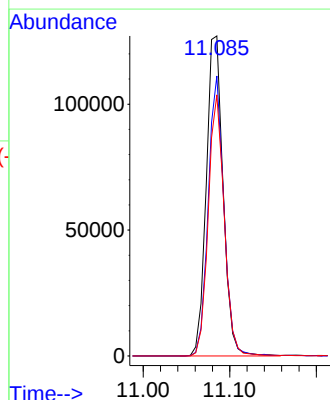
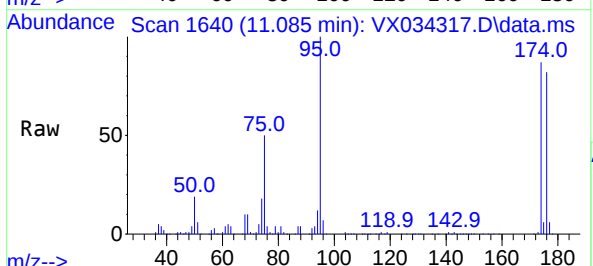
Tgt Ion: 95 Resp: 171575

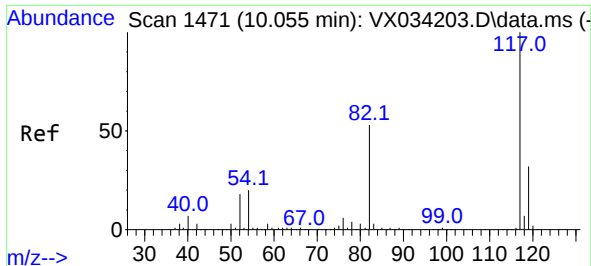
Ion Ratio Lower Upper

95 100

174 81.9 0.0 184.4

176 77.3 0.0 178.8

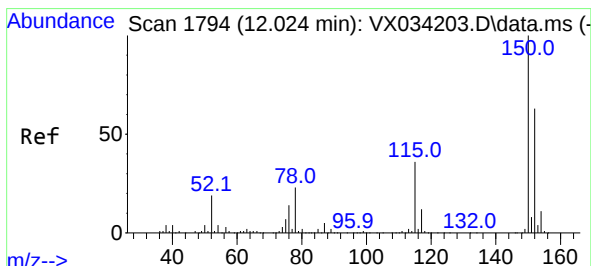
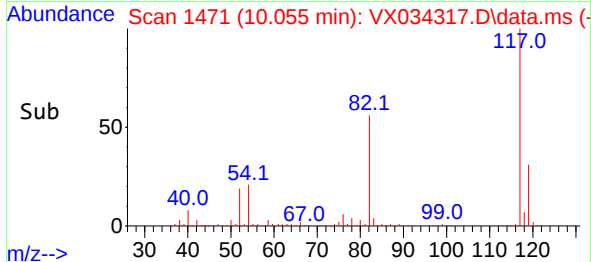
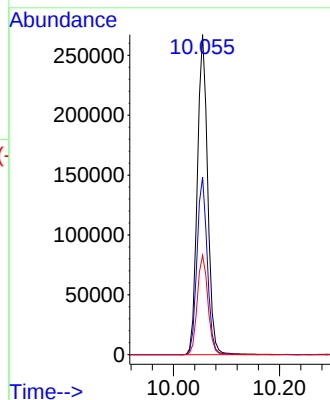
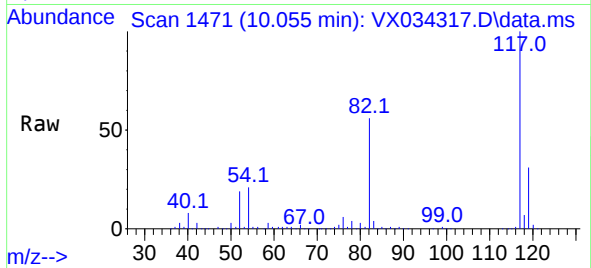




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

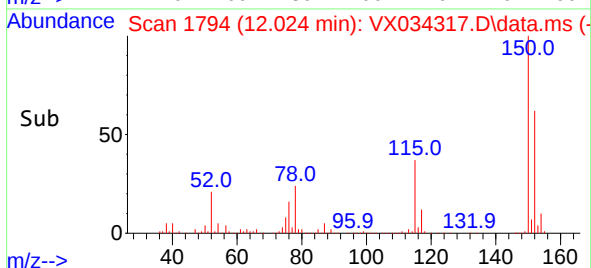
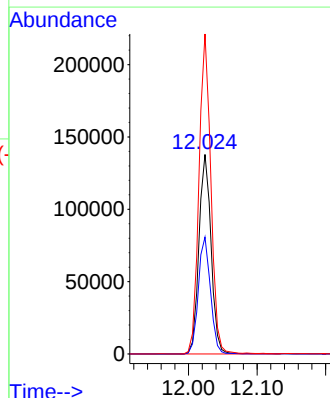
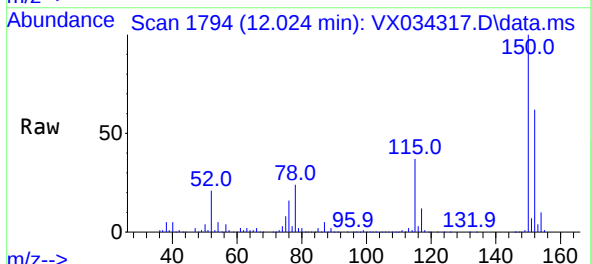
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-5-GRAB-7

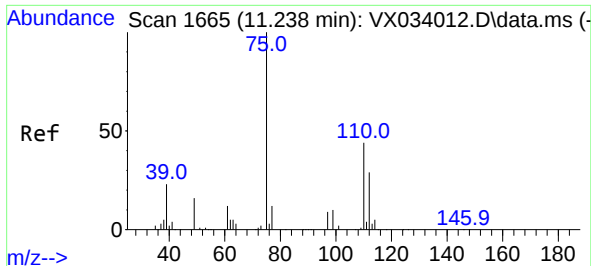
Tgt Ion:117 Resp: 362313
Ion Ratio Lower Upper
117 100
82 55.5 40.6 60.8
119 31.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

Tgt Ion:152 Resp: 170074
Ion Ratio Lower Upper
152 100
115 58.6 38.7 116.1
150 157.0 0.0 348.2

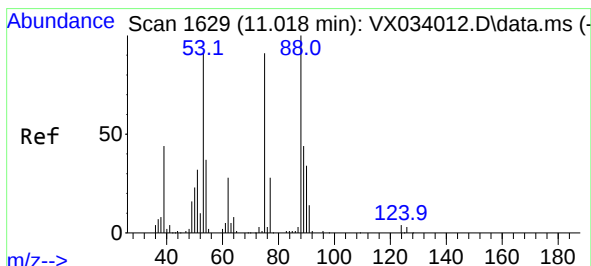
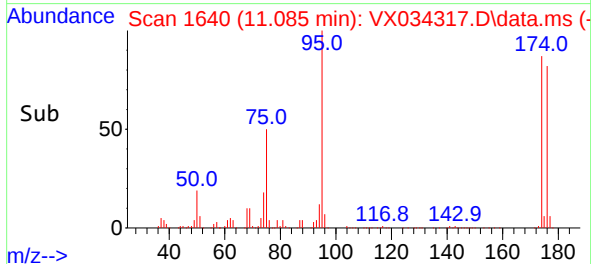
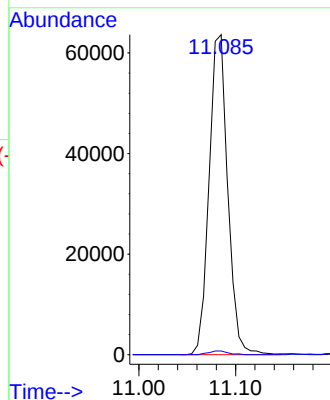
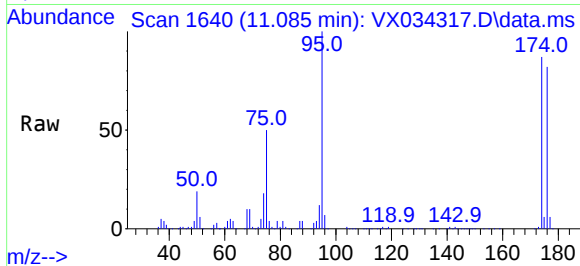




#76
1,2,3-Trichloropropane
Concen: 19.956 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

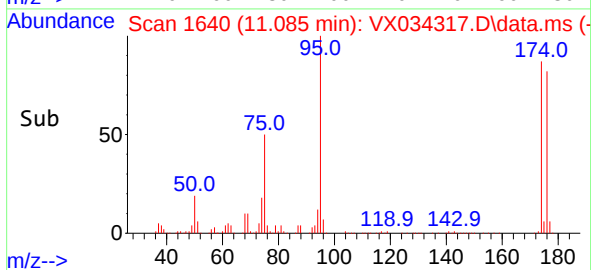
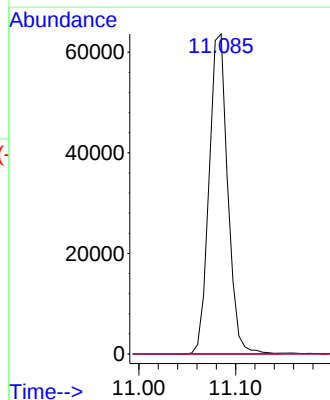
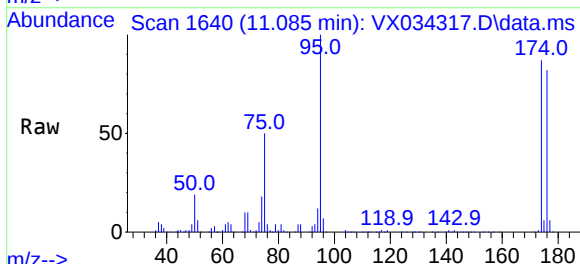
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-5-GRAB-7

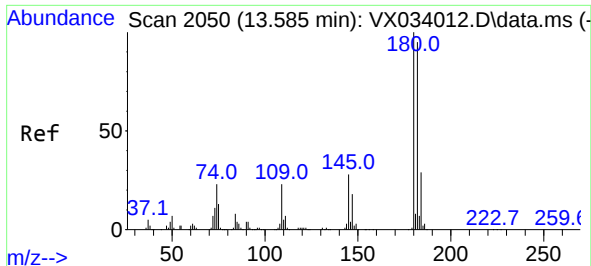
Tgt Ion: 75 Resp: 85402
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.265 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

Tgt Ion: 75 Resp: 85402
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

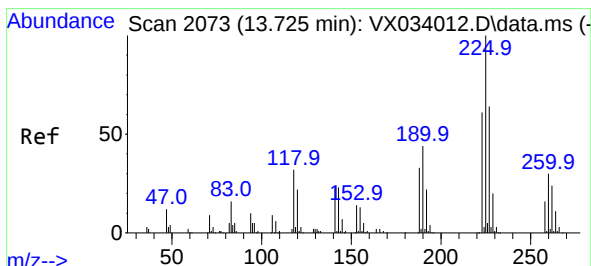
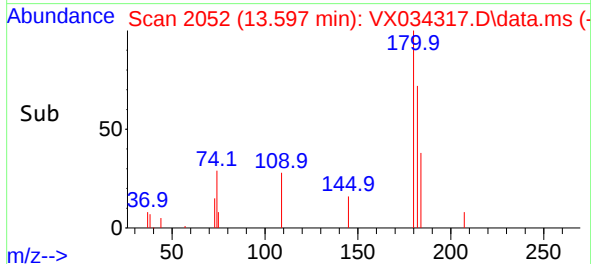
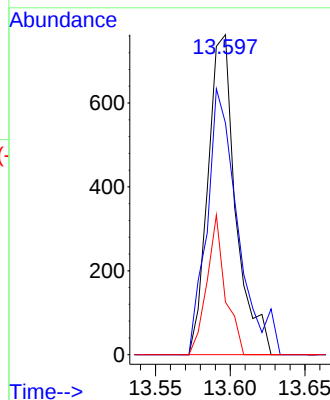
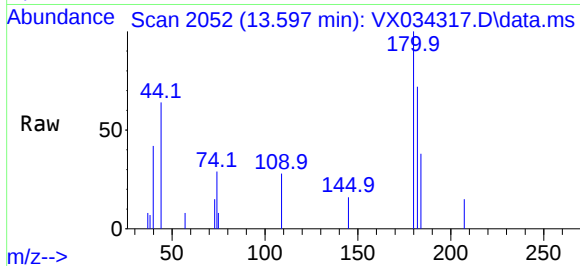




#93
1,2,4-Trichlorobenzene
Concen: 0.269 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

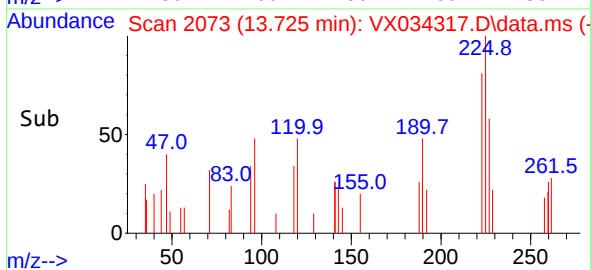
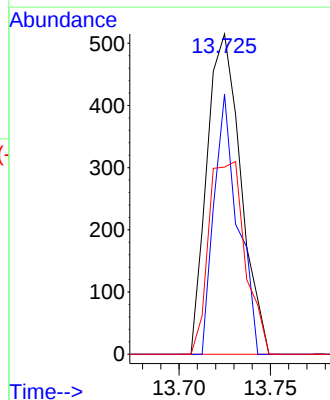
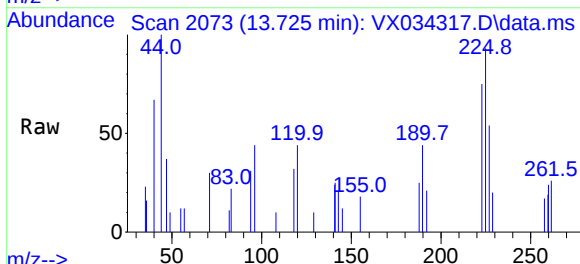
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-5-GRAB-7

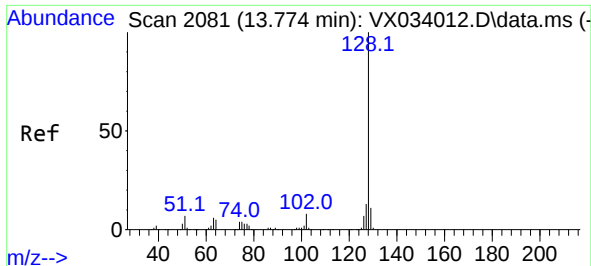
Tgt Ion:180	Resp:	987
Ion Ratio	Lower	Upper
180	100	
182	92.1	47.9 143.6
145	28.9	14.1 42.2



#94
Hexachlorobutadiene
Concen: 0.436 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

Tgt Ion:225	Resp:	664
Ion Ratio	Lower	Upper
225	100	
223	57.1	31.3 93.9
227	64.5	32.3 96.9

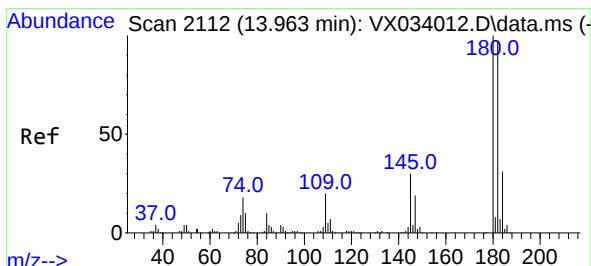
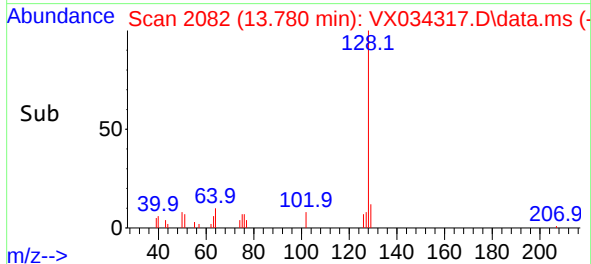
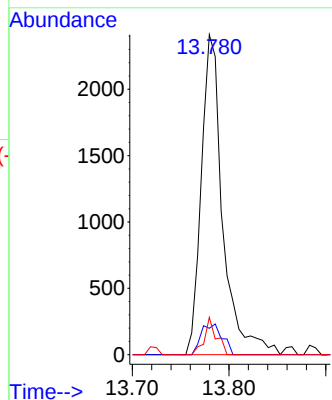
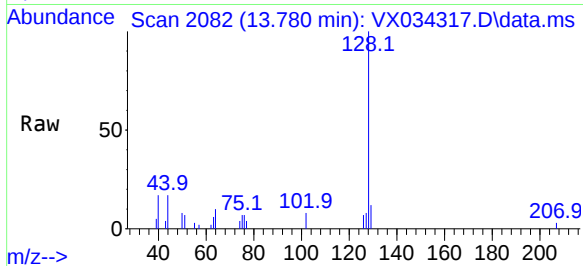




#95
Naphthalene
Concen: 0.301 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-5-GRAB-7

Tgt Ion:128 Resp: 3724
Ion Ratio Lower Upper
128 100
127 9.5 10.3 15.5#
129 6.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.280 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX034317.D
Acq: 03 Mar 2023 13:02

Tgt Ion:180 Resp: 1021
Ion Ratio Lower Upper
180 100
182 87.5 47.6 142.9
145 26.2 15.1 45.3

