

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034314.D
 Acq On : 03 Mar 2023 11:50
 Operator : JC/MD
 Sample : 01740-05
 Misc : 10.33g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-8-GRAB-8

Quant Time: Mar 03 15:08:02 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)

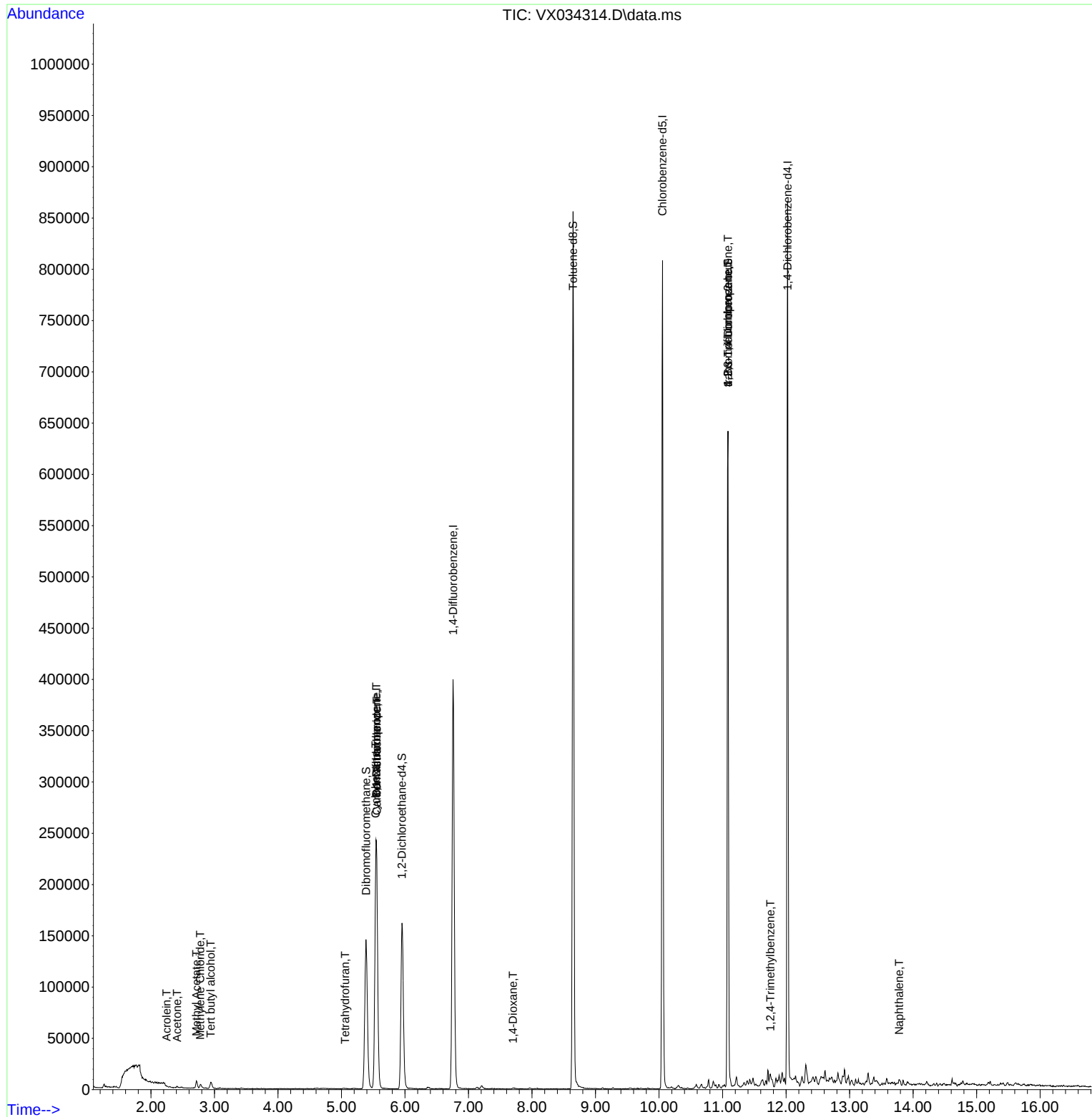
Internal Standards						
1) Pentafluorobenzene	5.550	168	248585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	417304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150660	45.002	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.000%
35) Dibromofluoromethane	5.385	113	125963	46.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.720%
50) Toluene-d8	8.647	98	494587	50.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.400%
62) 4-Bromofluorobenzene	11.085	95	178908	47.947	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.900%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	456	Below Cal	#	59
11) Tert butyl alcohol	2.940	59	3514	4.693	ug/l #	90
13) Acrolein	2.245	56	116	0.339	ug/l #	1
16) Acetone	2.410	43	1344	0.778	ug/l #	81
18) Methyl Acetate	2.715	43	9517	1.781	ug/l	92
20) Methylene Chloride	2.776	84	2216	0.712	ug/l	89
29) Tetrahydrofuran	5.056	42	585	0.384	ug/l #	37
31) Cyclohexane	5.537	56	5341	1.069	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18100	4.504	ug/l #	49
38) Carbon Tetrachloride	5.556	117	24001	5.805	ug/l #	15
49) 1,4-Dioxane	7.702	88	517	6.891	ug/l #	48
76) 1,2,3-Trichloropropane	11.085	75	89266	19.923	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	89266	51.180	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	2486	0.215	ug/l	98
95) Naphthalene	13.780	128	4267	0.329	ug/l	98

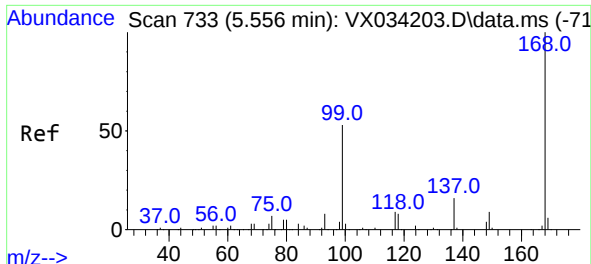
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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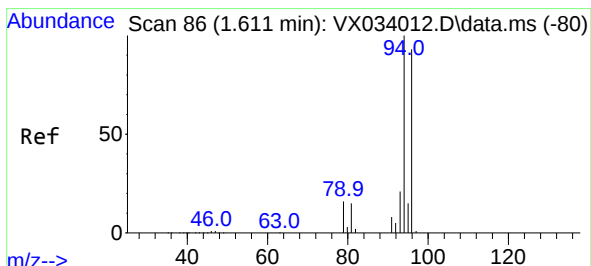
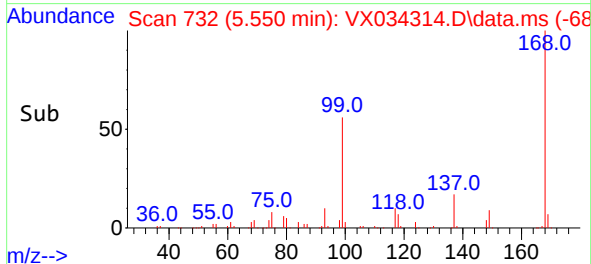
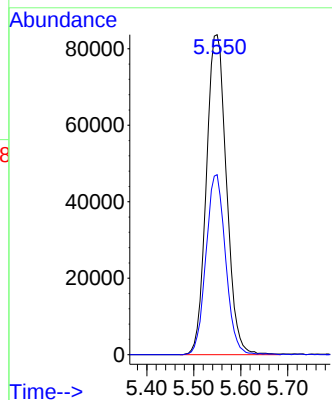
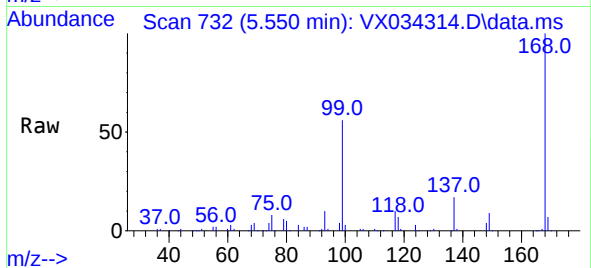




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

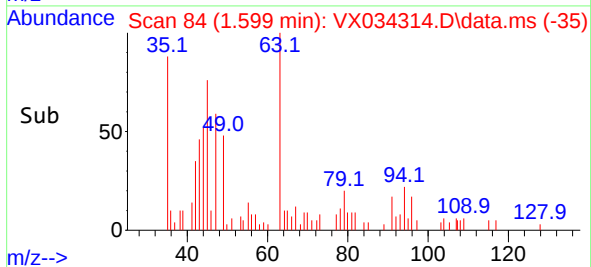
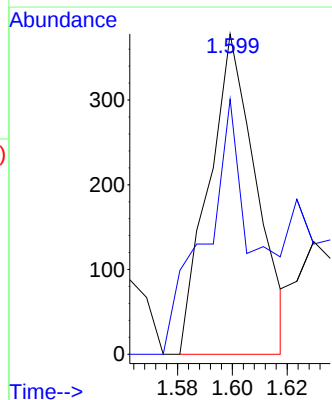
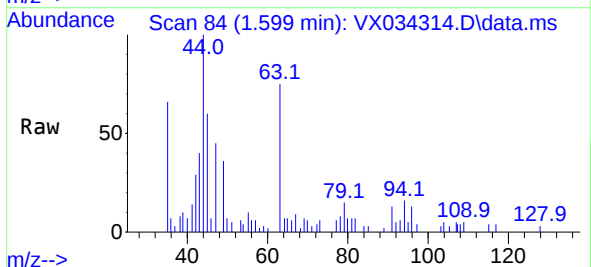
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-8-GRAB-8

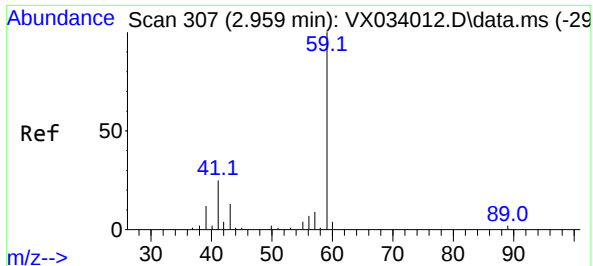
Tgt Ion:168 Resp: 248585
Ion Ratio Lower Upper
168 100
99 56.3 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 53.4 74.3 111.5#

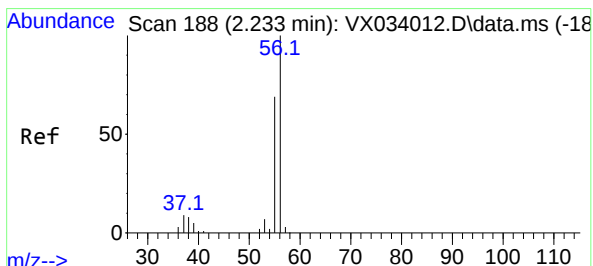
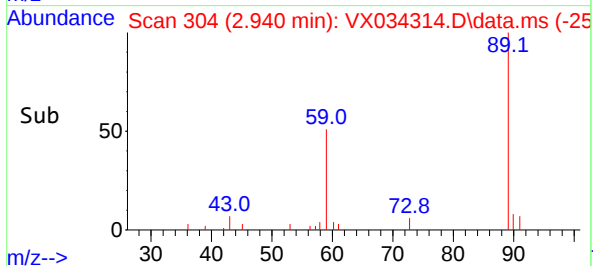
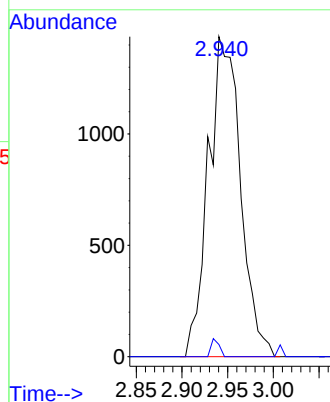
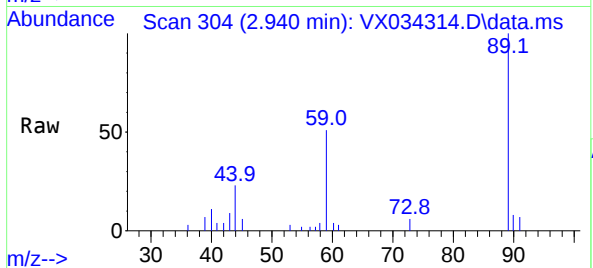




#11
Tert butyl alcohol
Concen: 4.693 ug/l
RT: 2.940 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

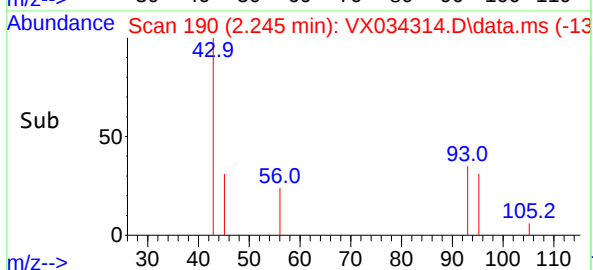
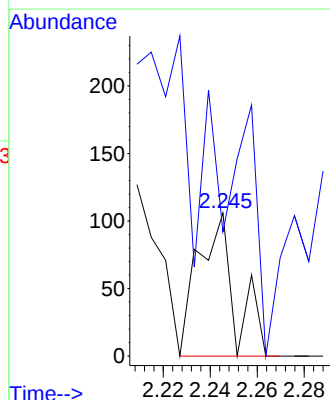
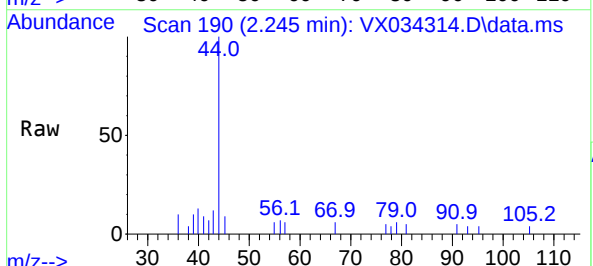
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-8-GRAB-8

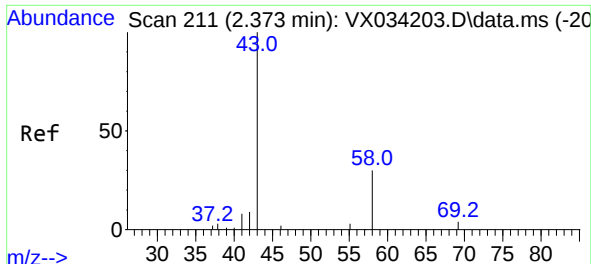
Tgt Ion: 59 Resp: 3514
Ion Ratio Lower Upper
59 100
57 1.4 3.7 5.5#



#13
Acrolein
Concen: 0.339 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 223.3 56.3 84.5#

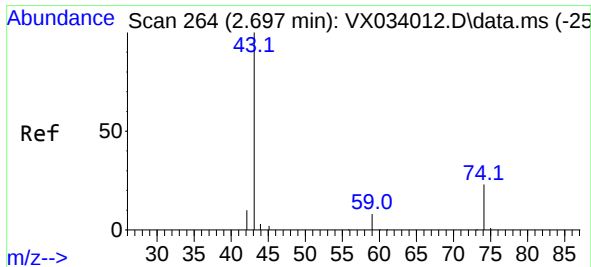
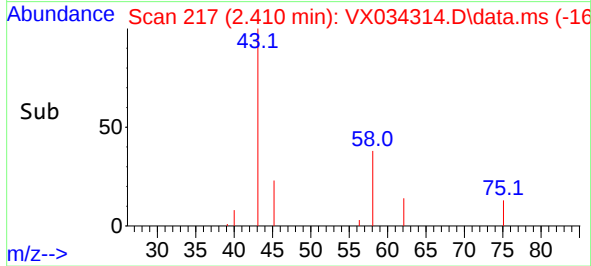
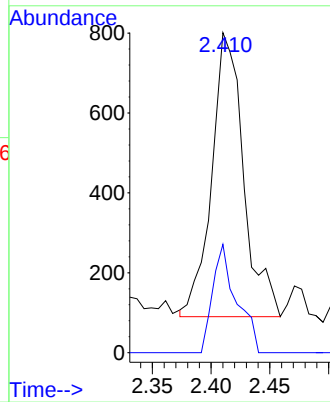
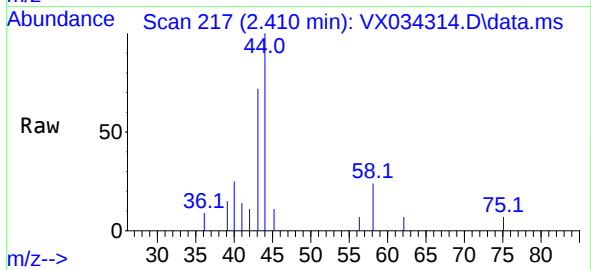




#16
Acetone
Concen: 0.778 ug/l
RT: 2.410 min Scan# 211
Delta R.T. 0.037 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

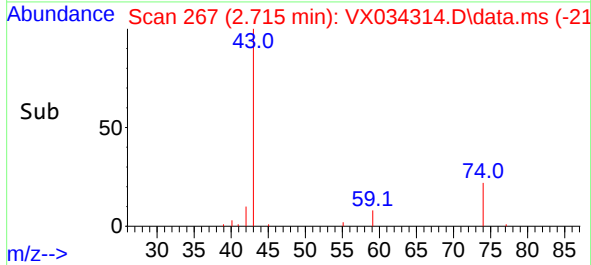
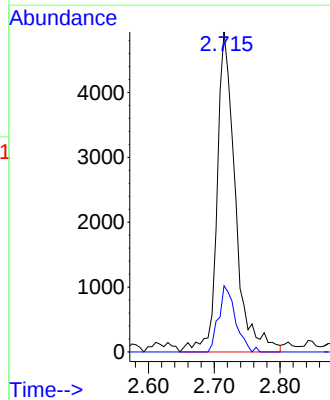
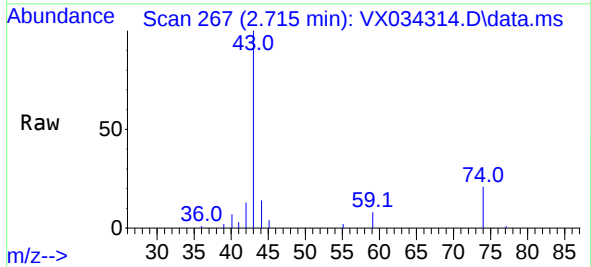
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-8-GRAB-8

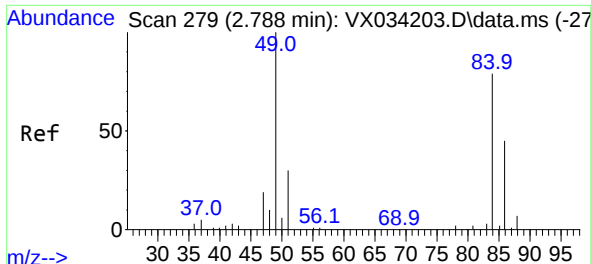
Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 38.1 22.6 33.8#



#18
Methyl Acetate
Concen: 1.781 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.018 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Tgt Ion: 43 Resp: 9517
Ion Ratio Lower Upper
43 100
74 19.0 18.2 27.4



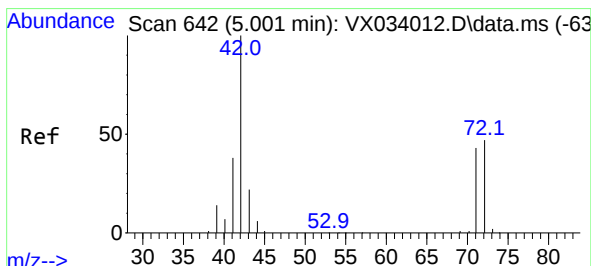
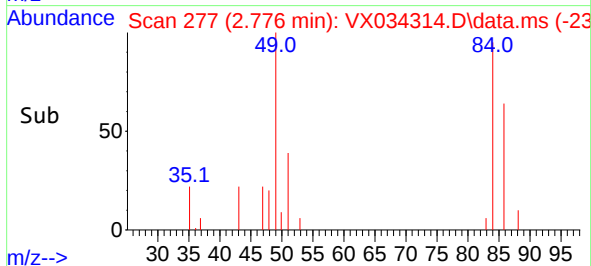
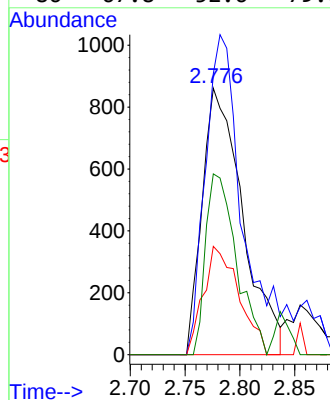
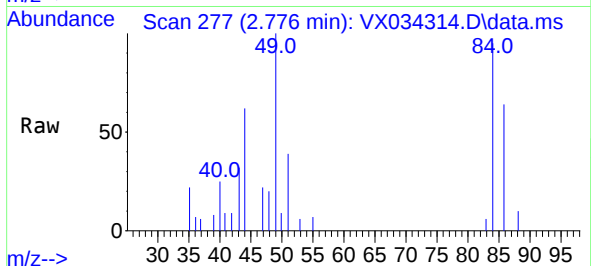


#20
Methylene Chloride
Concen: 0.712 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-8-GRAB-8

Tgt Ion: 84 Resp: 2216

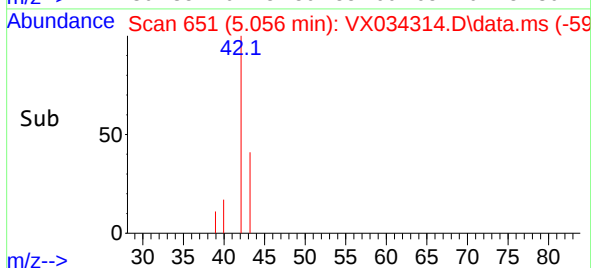
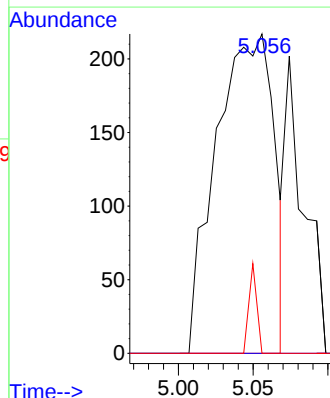
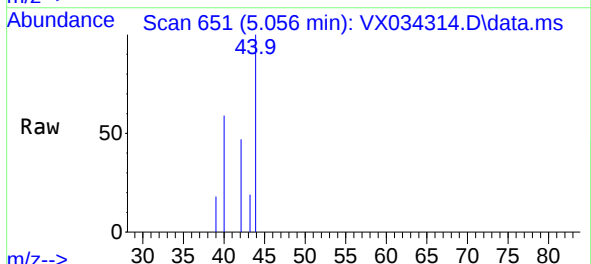
Ion	Ratio	Lower	Upper
84	100		
49	105.5	101.1	151.7
51	40.7	31.0	46.6
86	67.8	52.6	79.0

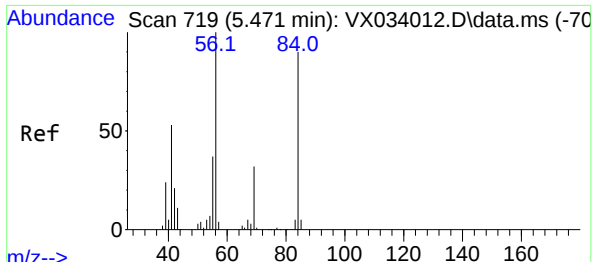


#29
Tetrahydrofuran
Concen: 0.384 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.061 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Tgt Ion: 42 Resp: 585

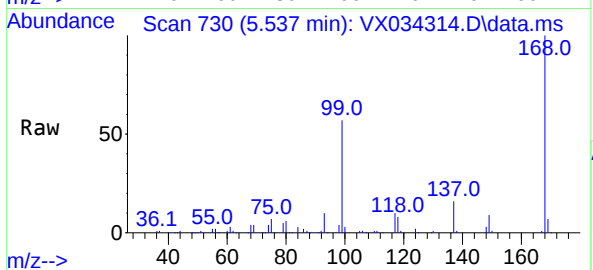
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.8	52.2#
71	3.8	32.2	48.2#



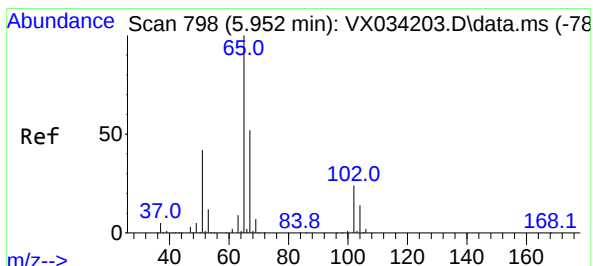
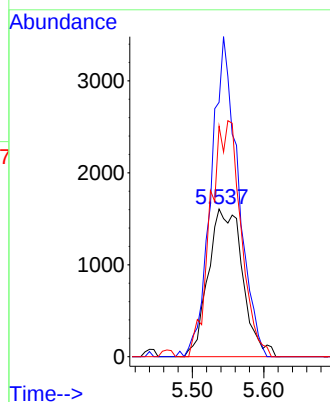
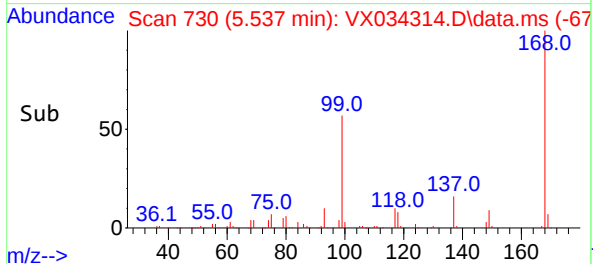


#31
Cyclohexane
Concen: 1.069 ug/l
RT: 5.537 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-8-GRAB-8

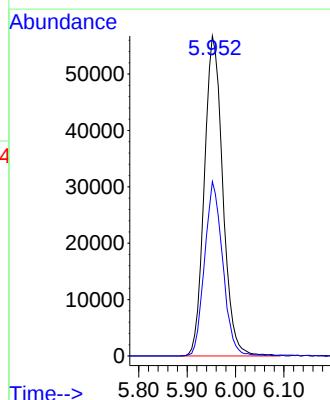
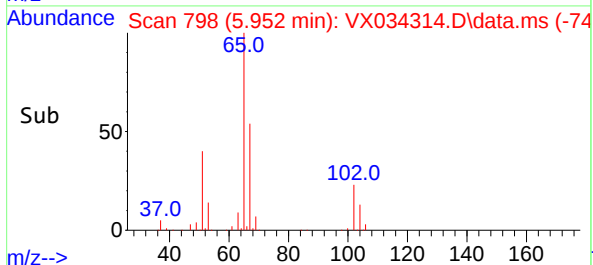
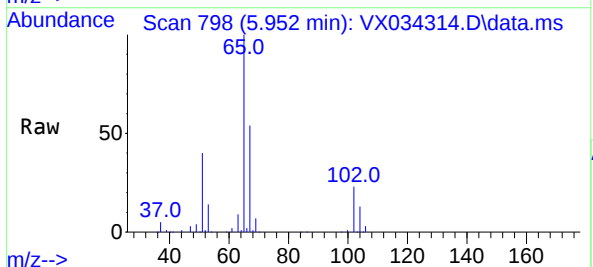


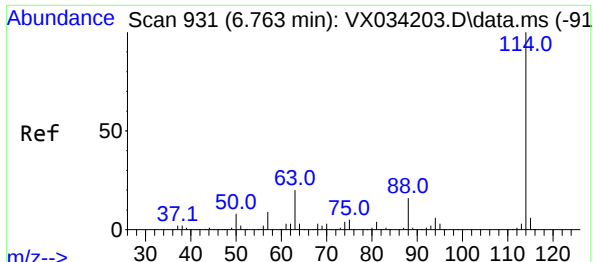
Tgt Ion: 56 Resp: 5341
Ion Ratio Lower Upper
56 100
69 172.2 24.6 37.0#
84 156.0 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.002 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Tgt Ion: 65 Resp: 150660
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8

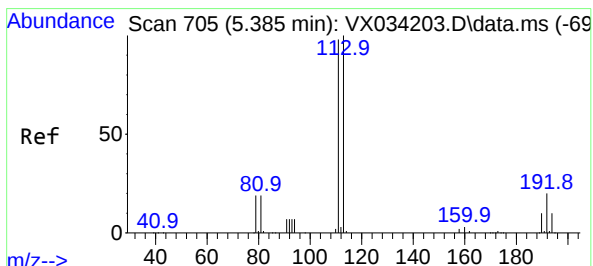
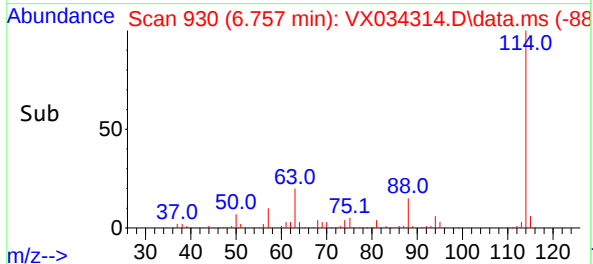
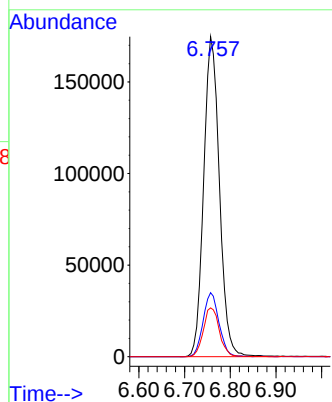
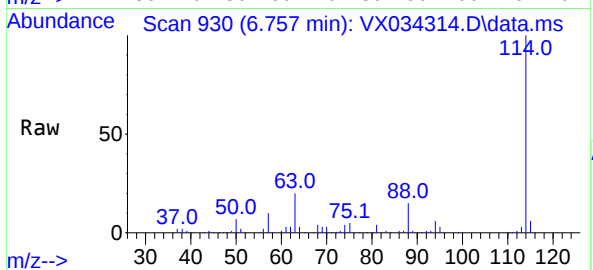




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

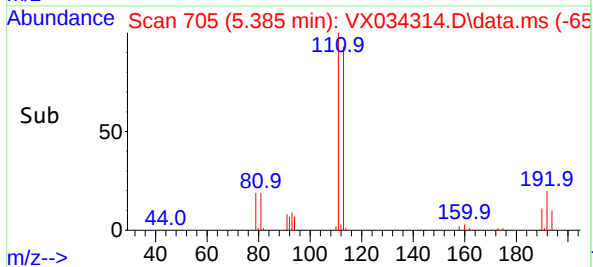
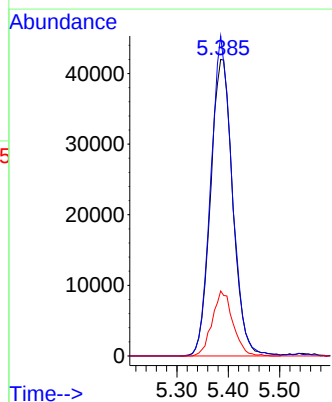
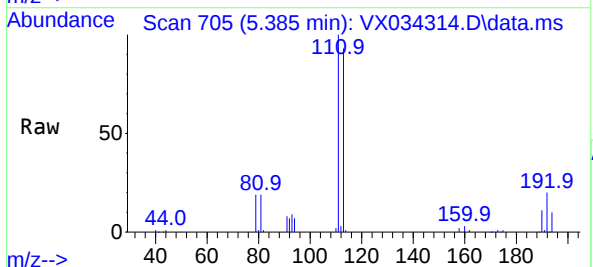
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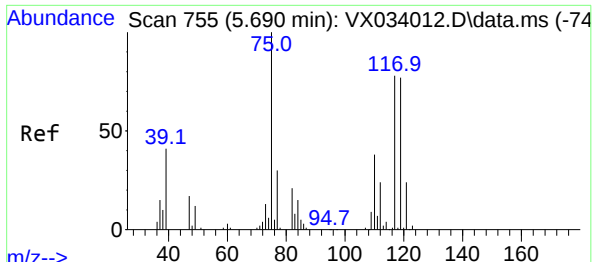
Tgt Ion:114 Resp: 417304
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.360 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Tgt Ion:113 Resp: 125963
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.6
192 20.4 19.0 28.4



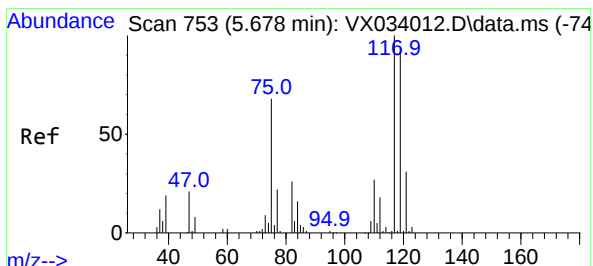
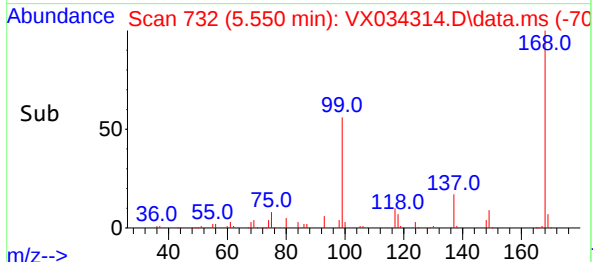
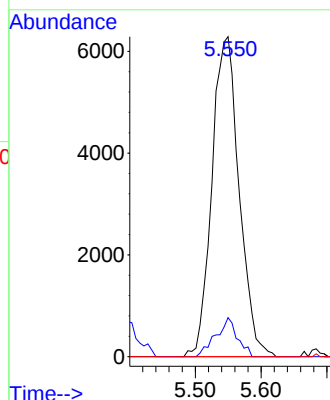
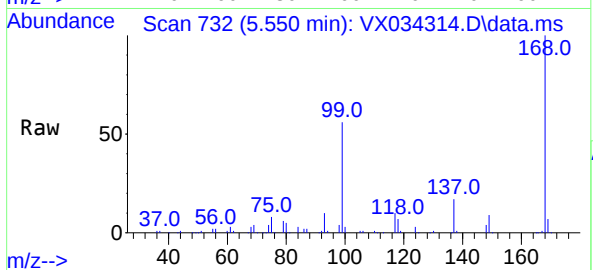


#36
1,1-Dichloropropene
Concen: 4.504 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-8-GRAB-8

Tgt Ion: 75 Resp: 18100

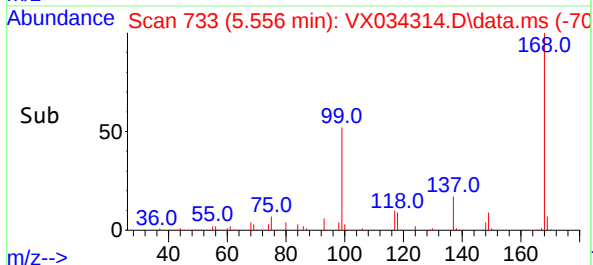
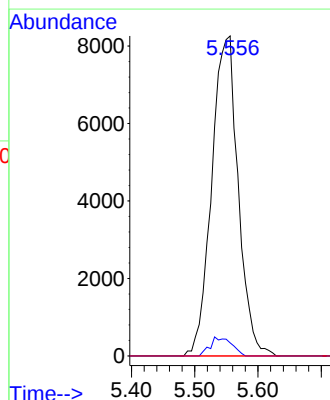
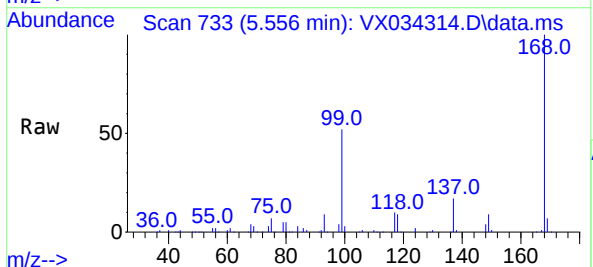
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.8	56.4#
77	0.0	25.1	37.7#

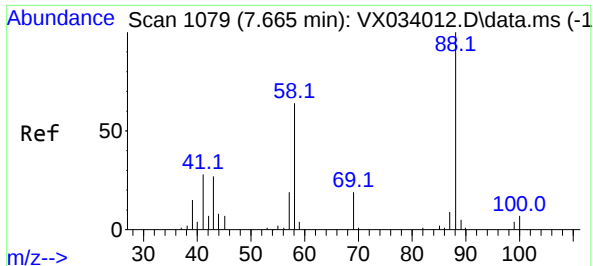


#38
Carbon Tetrachloride
Concen: 5.805 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Tgt Ion: 117 Resp: 24001

Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.0	117.0#
121	0.0	24.4	36.6#

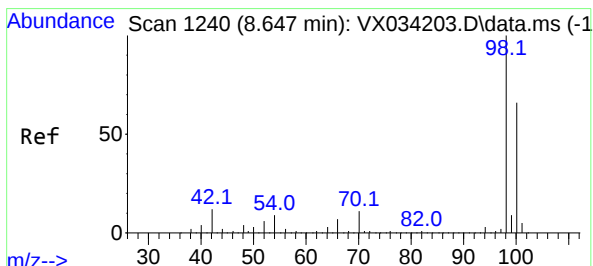
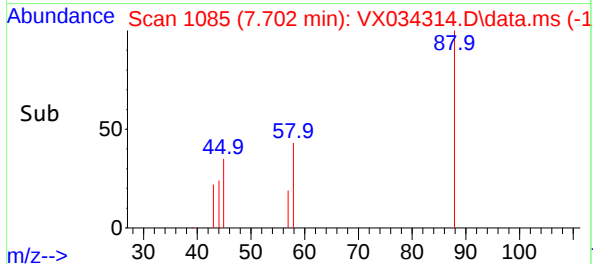
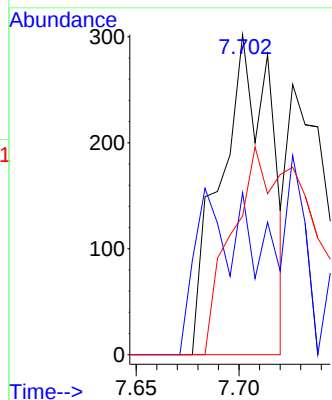
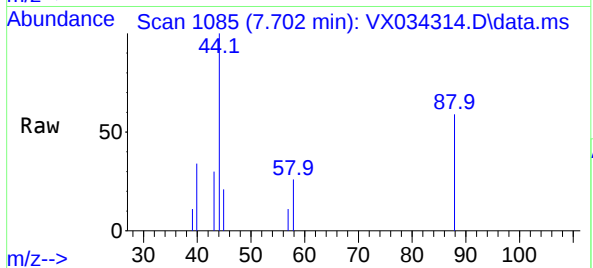




#49
1,4-Dioxane
Concen: 6.891 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.049 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

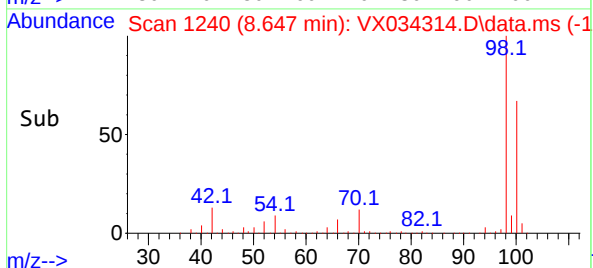
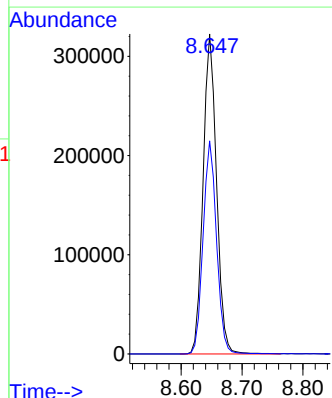
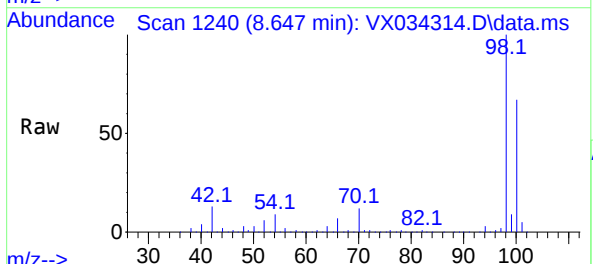
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-8-GRAB-8

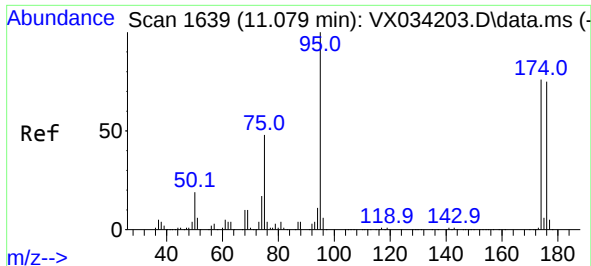
Tgt Ion: 88 Resp: 517
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 113.3 56.5 84.7#



#50
Toluene-d8
Concen: 50.700 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Tgt Ion: 98 Resp: 494587
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4

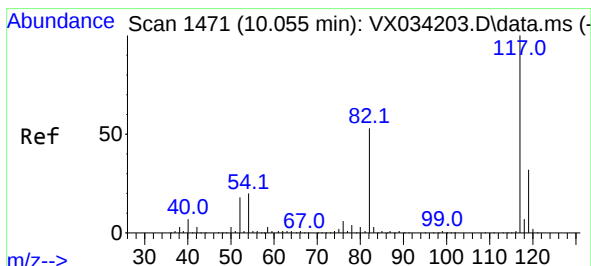
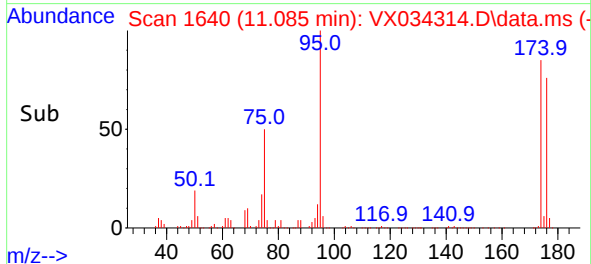
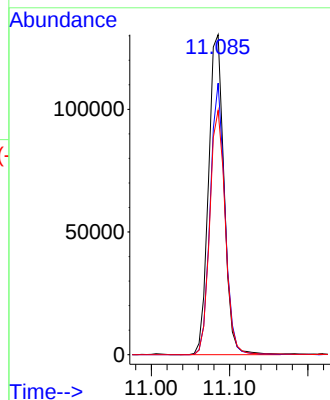
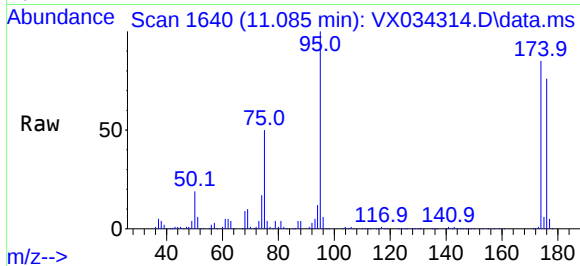




#62
4-Bromofluorobenzene
Concen: 47.947 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

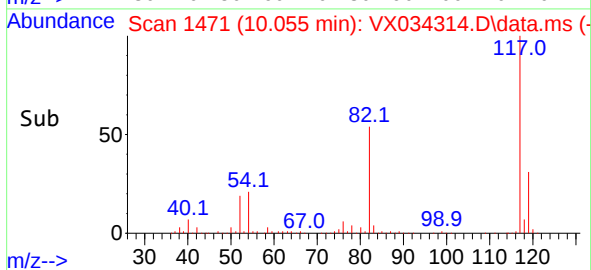
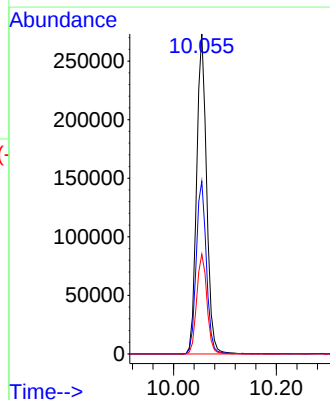
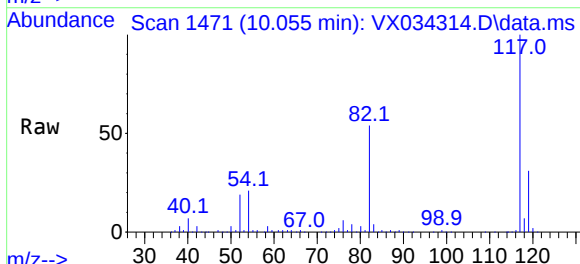
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-8-GRAB-8

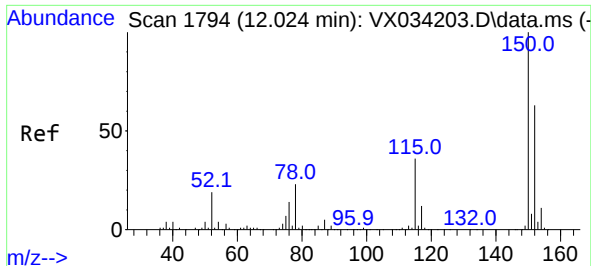
Tgt Ion: 95 Resp: 178908
Ion Ratio Lower Upper
95 100
174 80.4 0.0 184.4
176 76.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Tgt Ion: 117 Resp: 369627
Ion Ratio Lower Upper
117 100
82 54.0 40.6 60.8
119 31.2 25.6 38.4

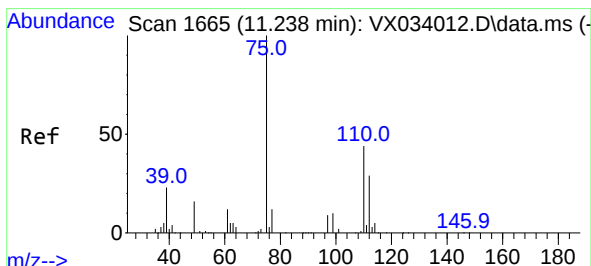
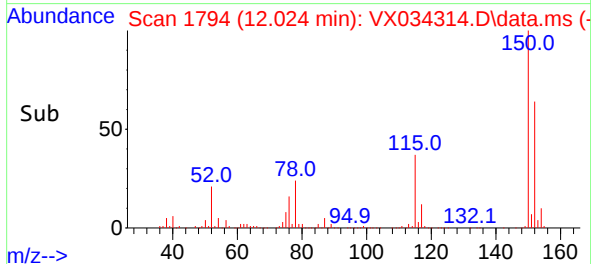
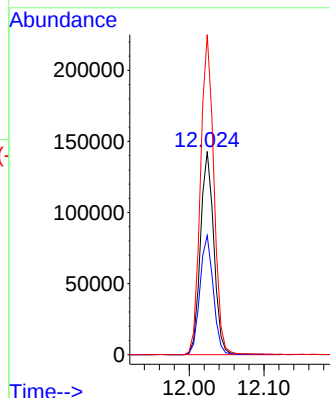
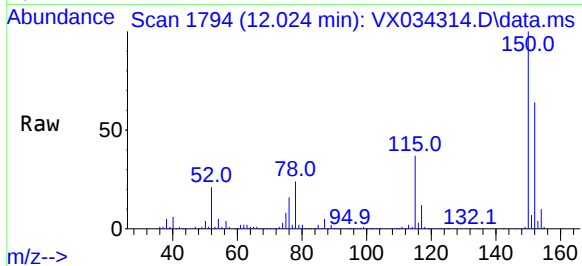




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

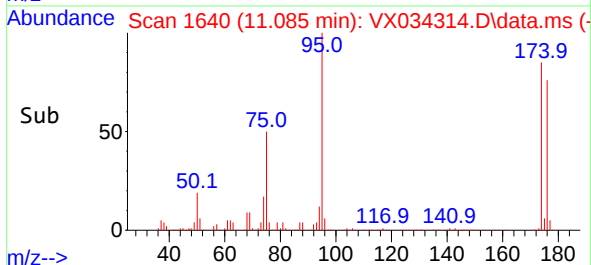
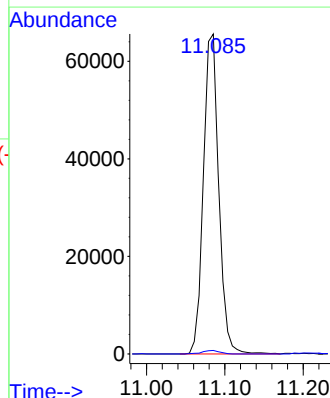
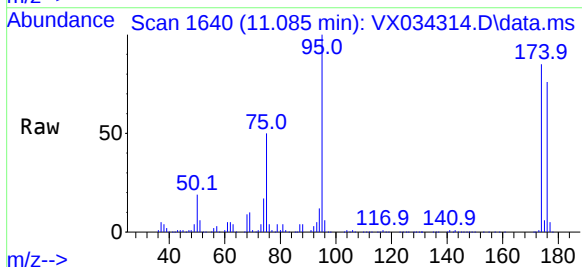
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-8-GRAB-8

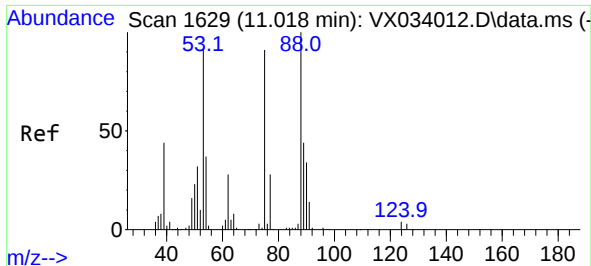
Tgt Ion:152 Resp: 178065
Ion Ratio Lower Upper
152 100
115 58.4 38.7 116.1
150 157.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 19.923 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Tgt Ion: 75 Resp: 89266
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#

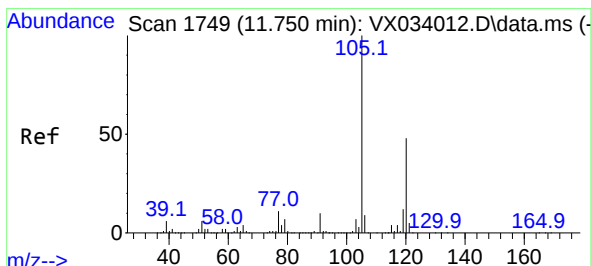
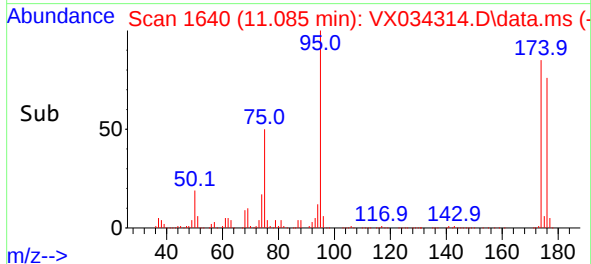
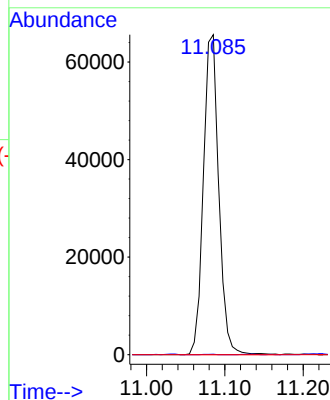
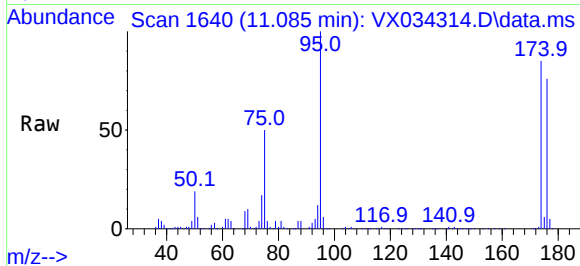




#81
trans-1,4-Dichloro-2-butene
Concen: 51.180 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

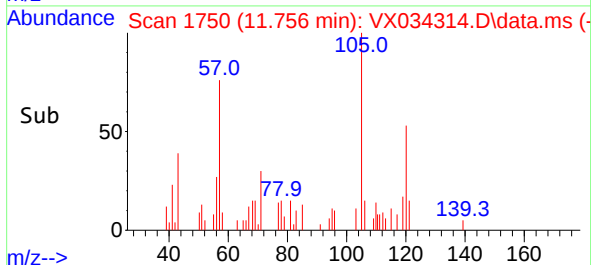
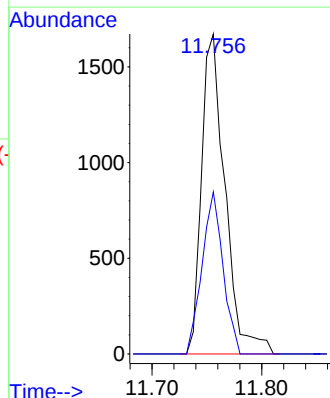
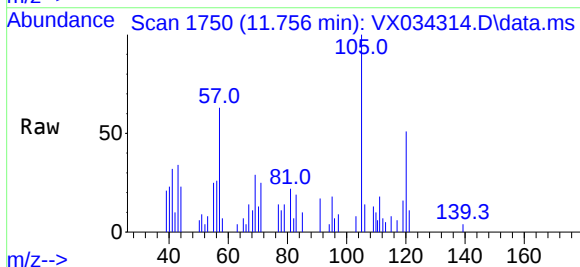
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-8-GRAB-8

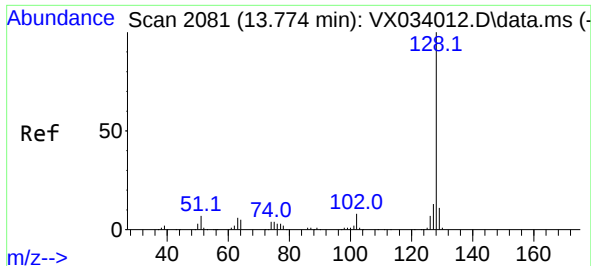
Tgt Ion: 75 Resp: 89266
Ion Ratio Lower Upper
75 100
53 0.1 83.0 124.6#
89 0.0 37.7 56.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.215 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

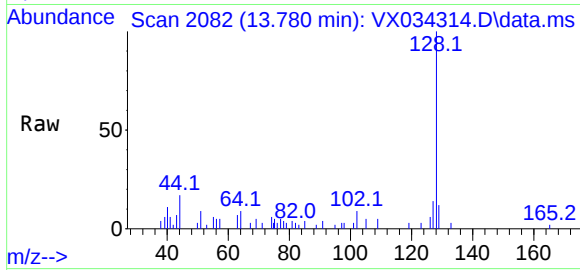
Tgt Ion:105 Resp: 2486
Ion Ratio Lower Upper
105 100
120 45.2 23.4 70.2





#95
Naphthalene
Concen: 0.329 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034314.D
Acq: 03 Mar 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-8-GRAB-8



Tgt Ion:	128	Resp:	4267
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.5	8.7	13.1

