

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034313.D
 Acq On : 03 Mar 2023 11:27
 Operator : JC/MD
 Sample : 01740-04
 Misc : 8.66g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 03 15:07:53 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)

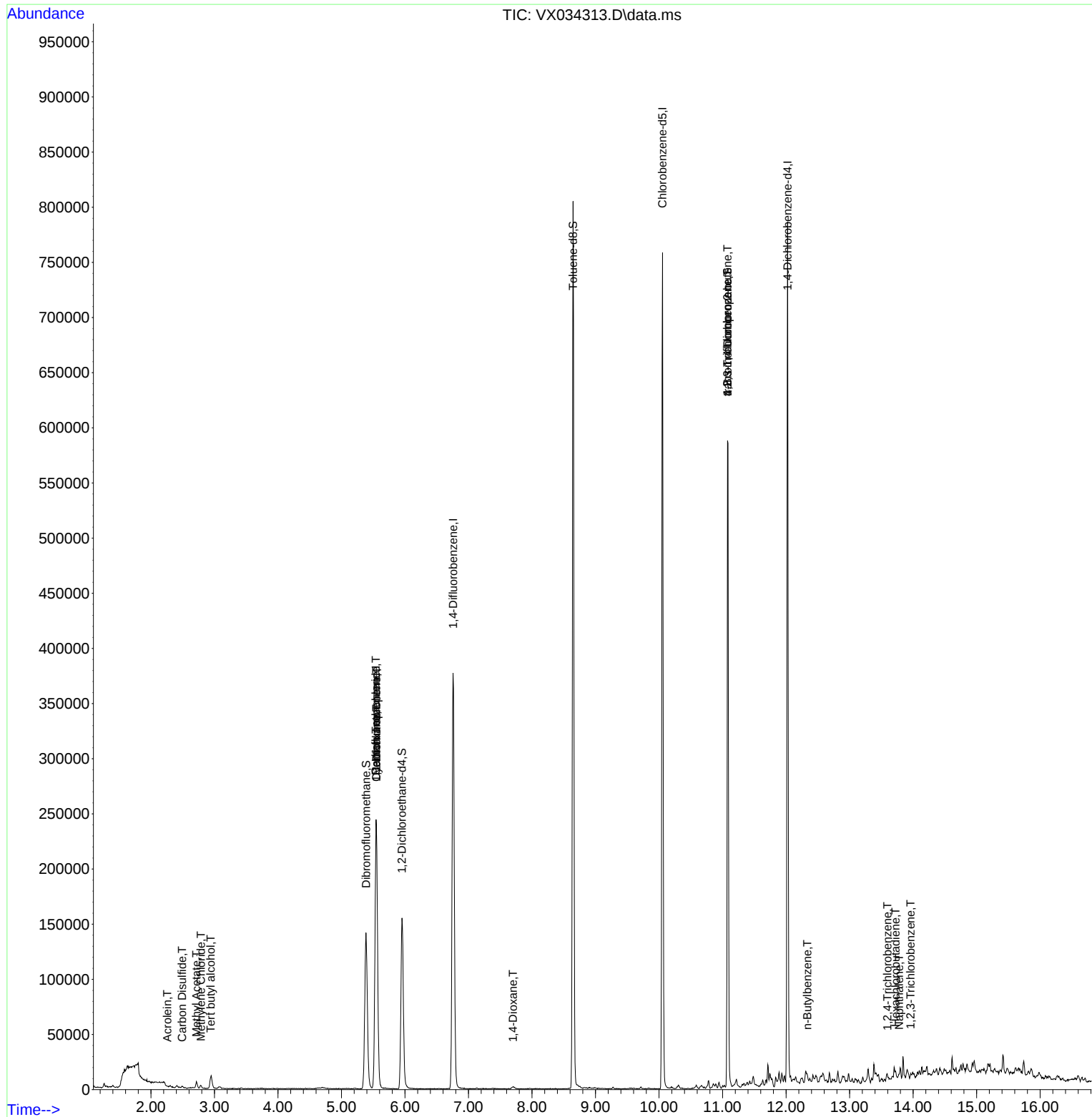
Internal Standards						
1) Pentafluorobenzene	5.544	168	240010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	398995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142174	43.984	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.960%
35) Dibromofluoromethane	5.385	113	122025	46.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.940%
50) Toluene-d8	8.647	98	477279	51.171	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.340%
62) 4-Bromofluorobenzene	11.079	95	165245	46.317	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.640%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	778	Below Cal	#	41
11) Tert butyl alcohol	2.941	59	7035	9.731	ug/l #	91
13) Acrolein	2.258	56	191	0.579	ug/l #	82
17) Carbon Disulfide	2.489	76	2036	0.273	ug/l #	95
18) Methyl Acetate	2.715	43	7459	1.446	ug/l	94
20) Methylene Chloride	2.788	84	1197	0.398	ug/l #	73
31) Cyclohexane	5.550	56	5170	1.071	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	18481	4.810	ug/l #	48
38) Carbon Tetrachloride	5.544	117	23293	5.892	ug/l #	15
49) 1,4-Dioxane	7.702	88	2151	29.986	ug/l #	96
76) 1,2,3-Trichloropropane	11.079	75	82737	20.522	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	82737	52.720	ug/l #	8
89) n-Butylbenzene	12.335	91	2286	0.243	ug/l	81
93) 1,2,4-Trichlorobenzene	13.597	180	1048	0.303	ug/l #	85
94) Hexachlorobutadiene	13.725	225	747	0.521	ug/l	96
95) Naphthalene	13.780	128	3983	0.342	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	1348	0.392	ug/l #	68

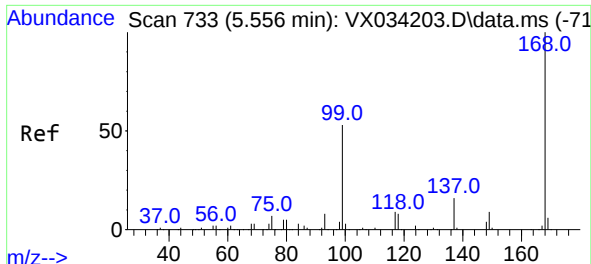
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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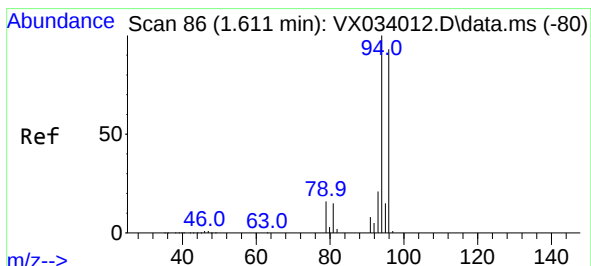
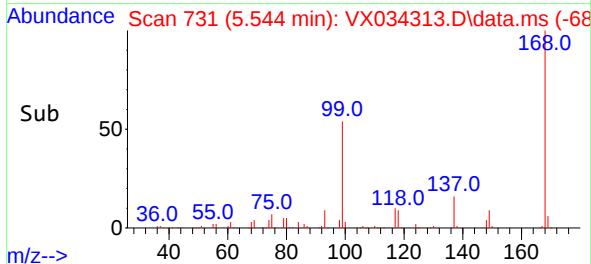
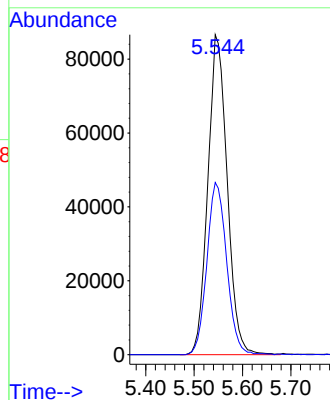
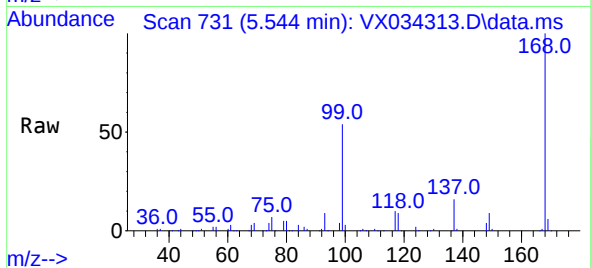




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

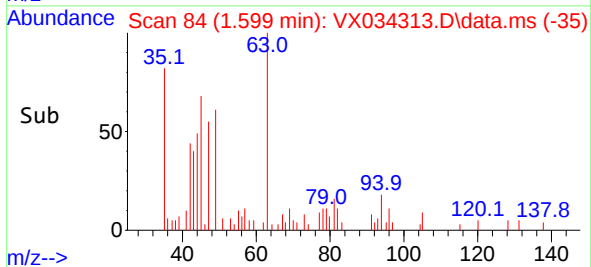
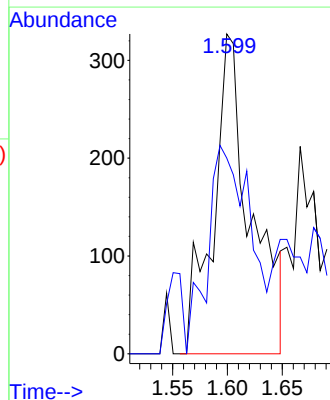
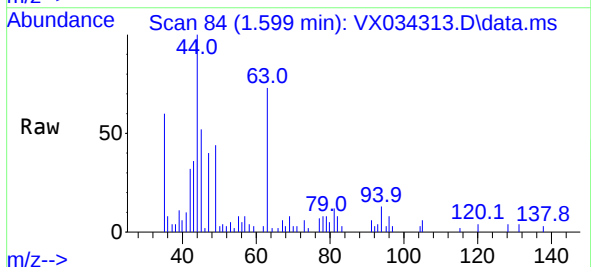
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-7-GRAB-7

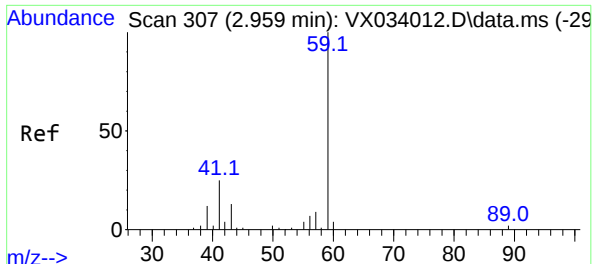
Tgt Ion:168 Resp: 240010
Ion Ratio Lower Upper
168 100
99 53.8 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

Tgt Ion: 94 Resp: 778
Ion Ratio Lower Upper
94 100
96 36.1 74.3 111.5#





#11

Tert butyl alcohol

Concen: 9.731 ug/l

RT: 2.941 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX034313.D

Acq: 03 Mar 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

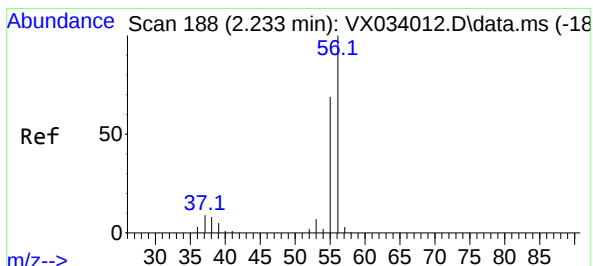
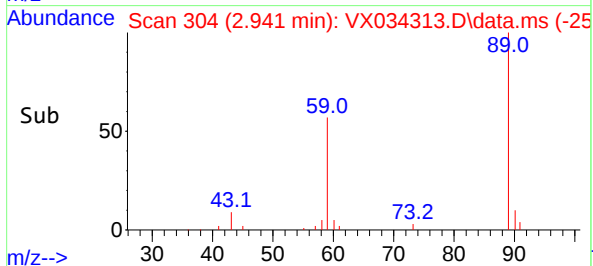
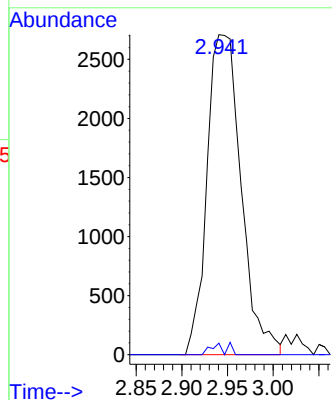
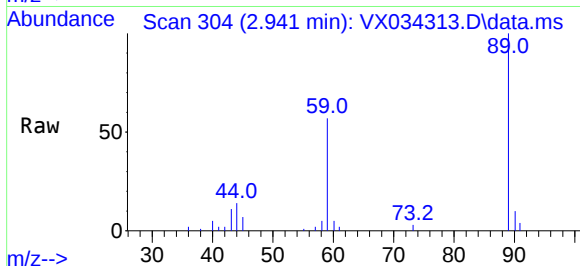
TOTAL-VOC-7-GRAB-7

Tgt Ion: 59 Resp: 7035

Ion Ratio Lower Upper

59 100

57 1.7 3.7 5.5#



#13

Acrolein

Concen: 0.579 ug/l

RT: 2.258 min Scan# 192

Delta R.T. 0.025 min

Lab File: VX034313.D

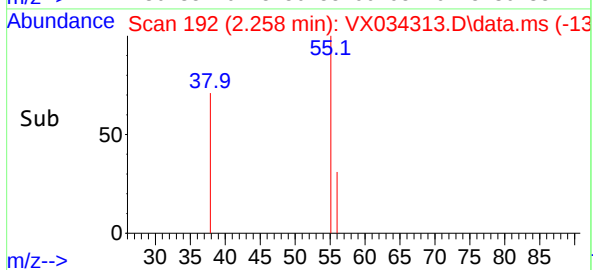
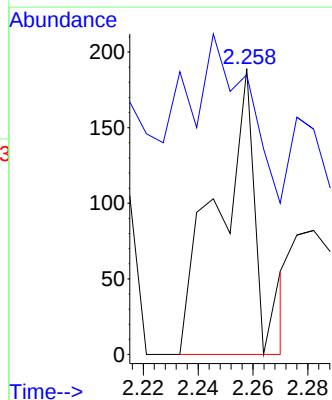
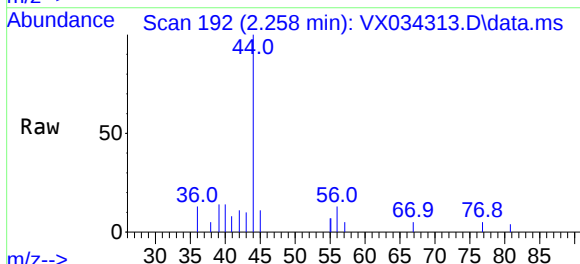
Acq: 03 Mar 2023 11:27

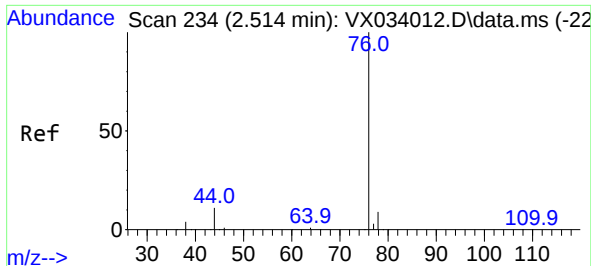
Tgt Ion: 56 Resp: 191

Ion Ratio Lower Upper

56 100

55 84.8 56.3 84.5#

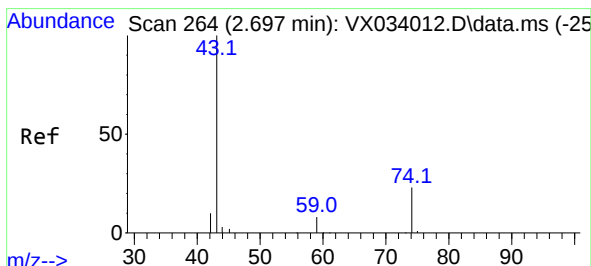
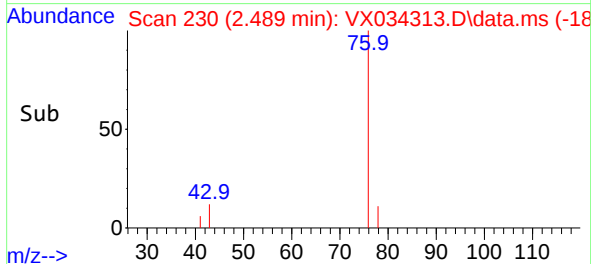
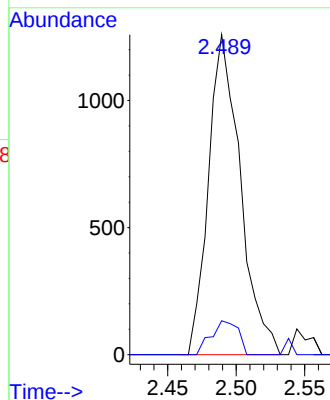
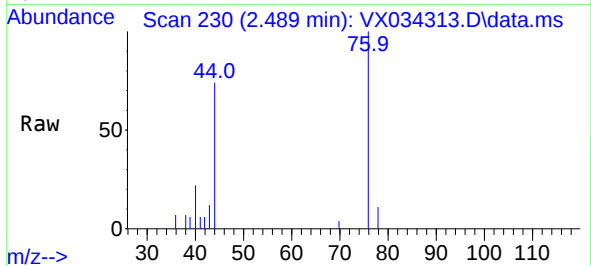




#17
Carbon Disulfide
Concen: 0.273 ug/l
RT: 2.489 min Scan# 21
Delta R.T. -0.018 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

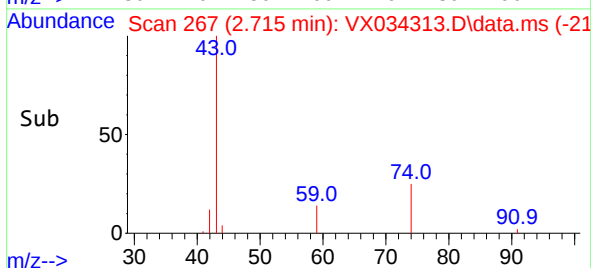
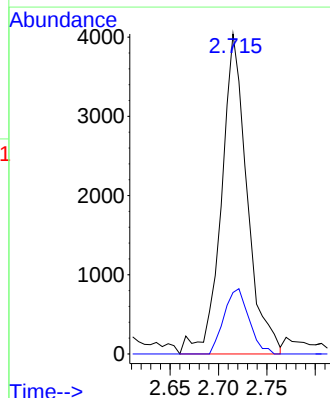
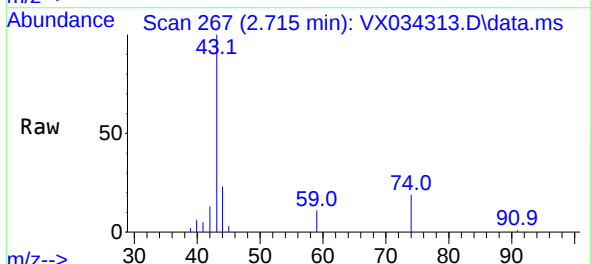
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-7-GRAB-7

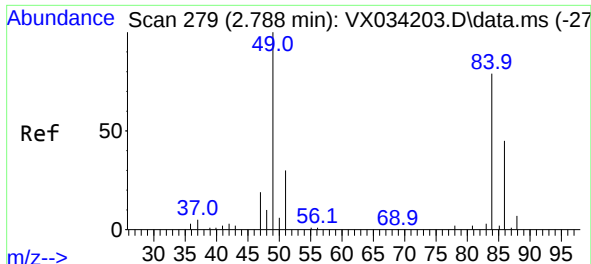
Tgt Ion: 76 Resp: 2036
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.6#



#18
Methyl Acetate
Concen: 1.446 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.018 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

Tgt Ion: 43 Resp: 7459
Ion Ratio Lower Upper
43 100
74 19.7 18.2 27.4



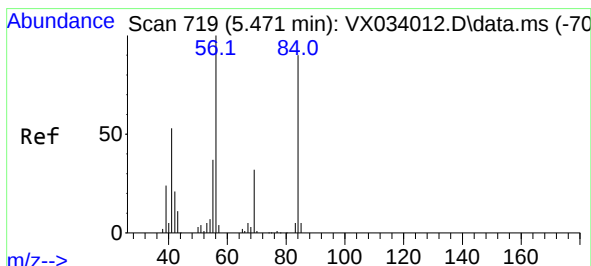
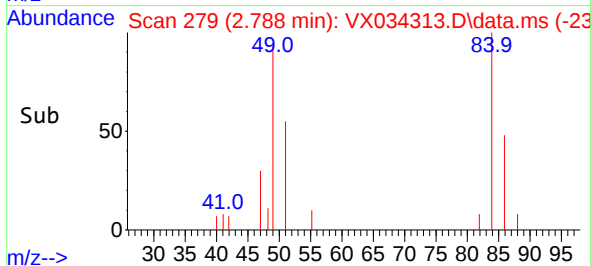
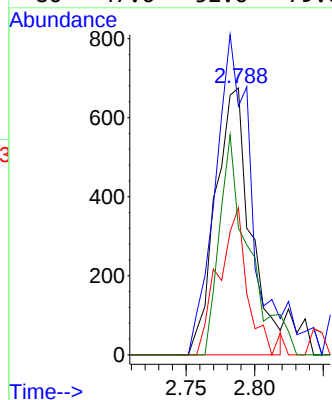
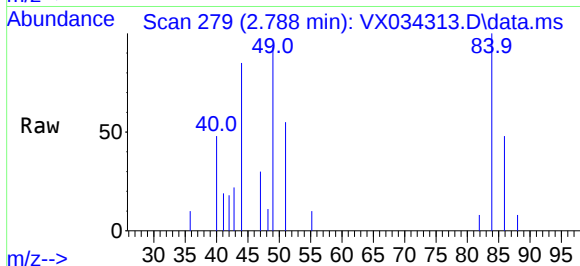


#20
Methylene Chloride
Concen: 0.398 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

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

Tgt Ion: 84 Resp: 1197

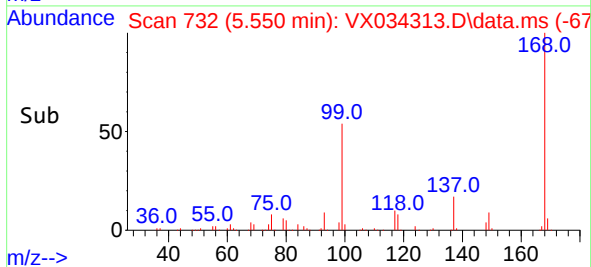
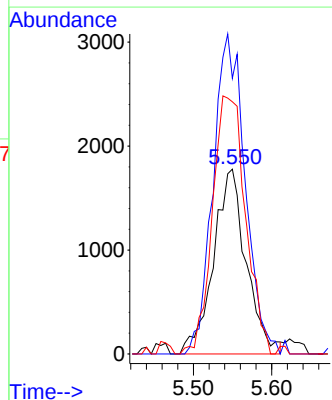
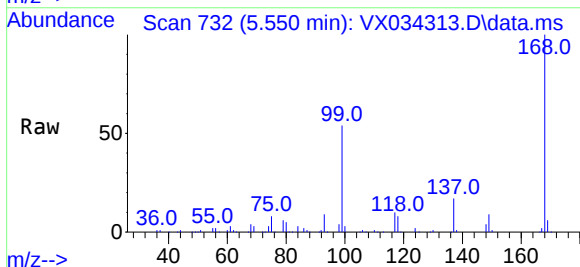
Ion	Ratio	Lower	Upper
84	100		
49	93.2	101.1	151.7#
51	55.1	31.0	46.6#
86	47.6	52.6	79.0#

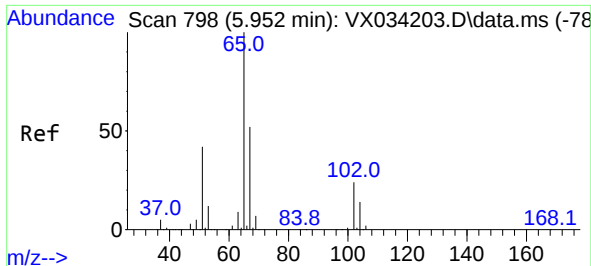


#31
Cyclohexane
Concen: 1.071 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

Tgt Ion: 56 Resp: 5170

Ion	Ratio	Lower	Upper
56	100		
69	149.2	24.6	37.0#
84	136.4	71.0	106.6#

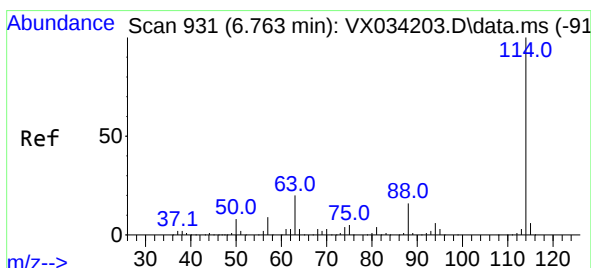
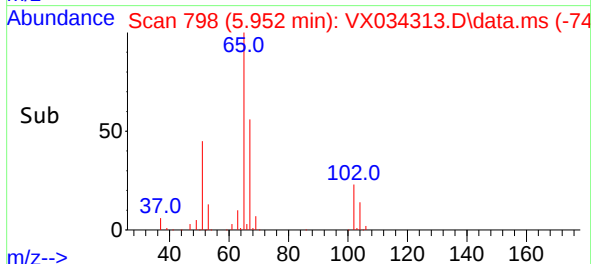
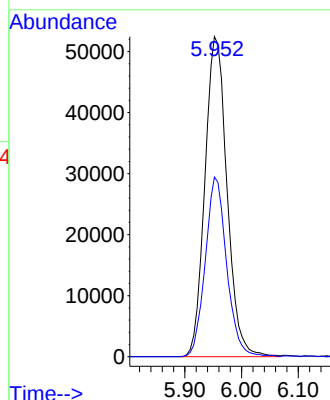
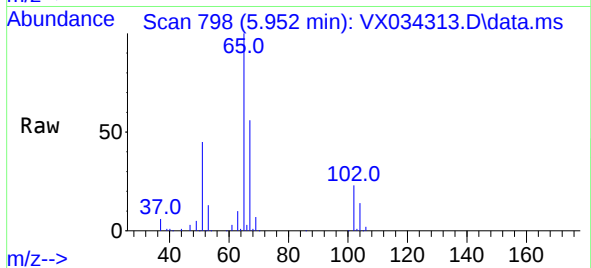




#33
1,2-Dichloroethane-d4
Concen: 43.984 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

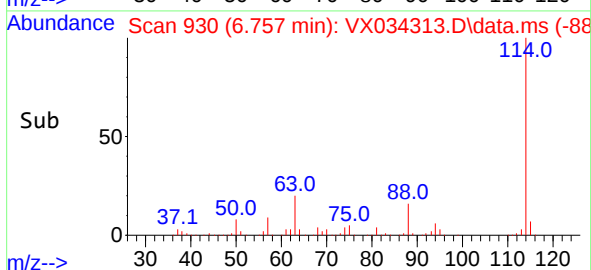
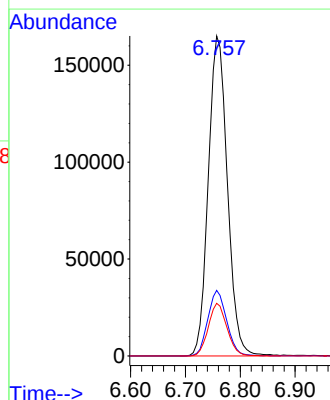
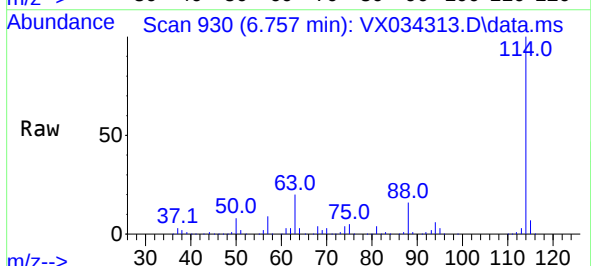
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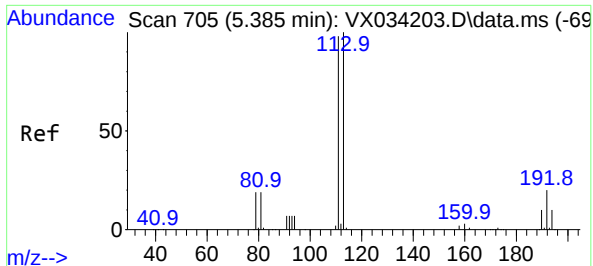
Tgt Ion: 65 Resp: 142174
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

Tgt Ion: 114 Resp: 398995
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 16.5 0.0 30.6

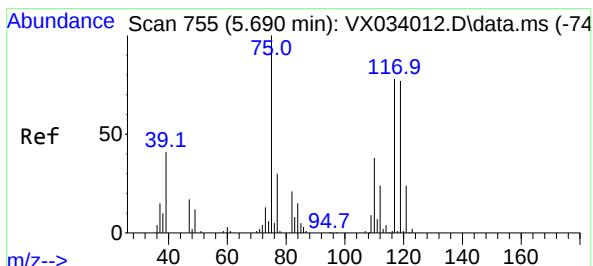
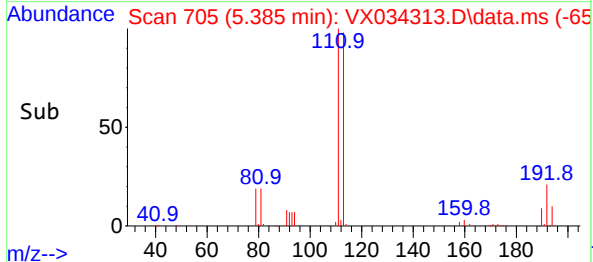
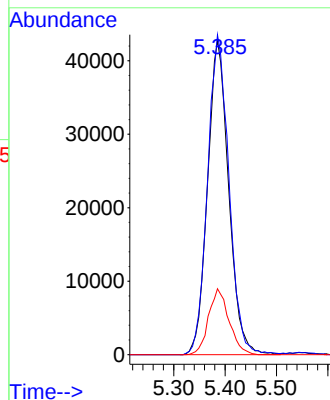
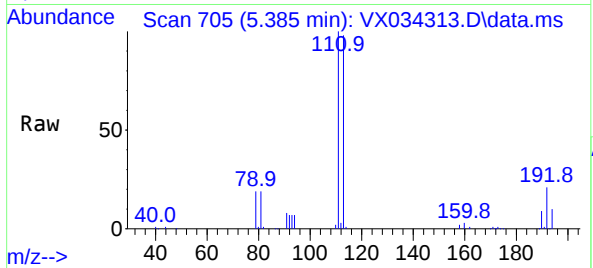




#35
Dibromofluoromethane
Concen: 46.972 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

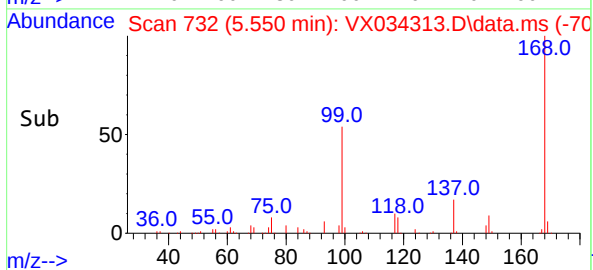
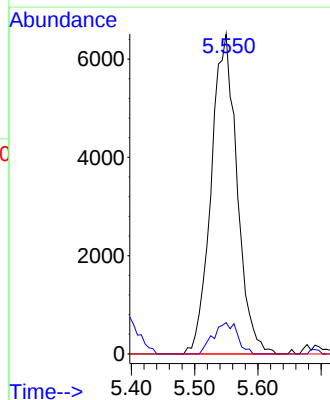
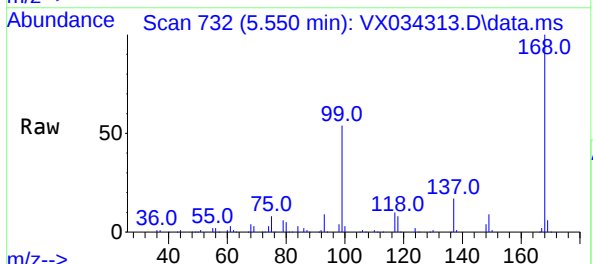
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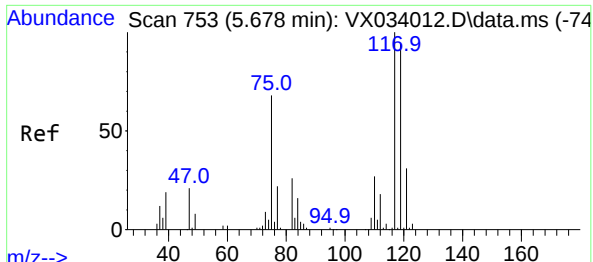
Tgt Ion:113 Resp: 122025
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 20.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

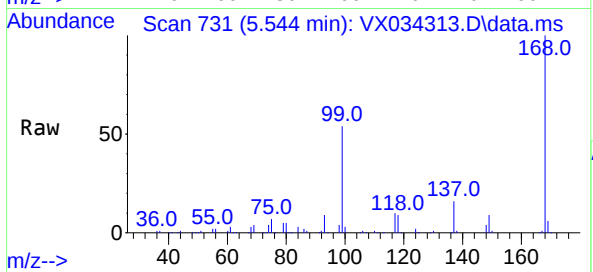
Tgt Ion: 75 Resp: 18481
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 25.1 37.7#



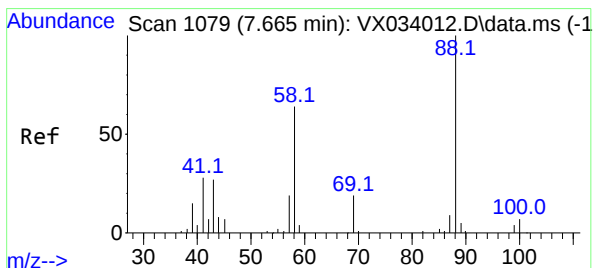
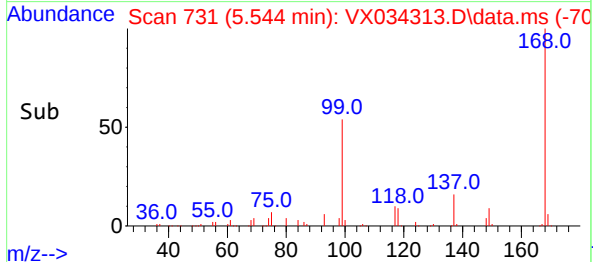
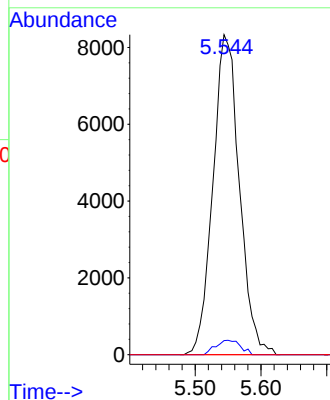


#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

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

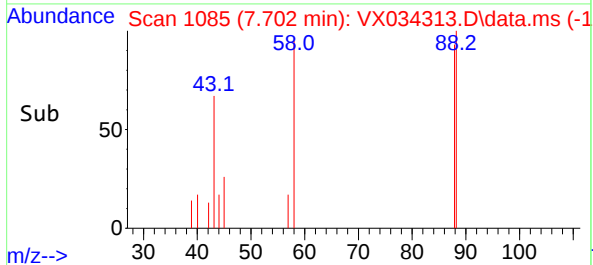
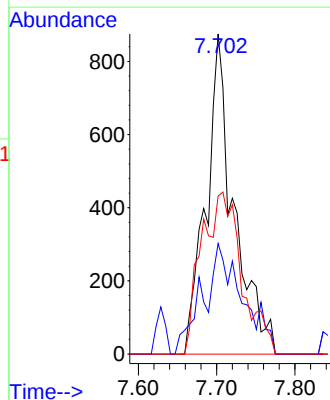
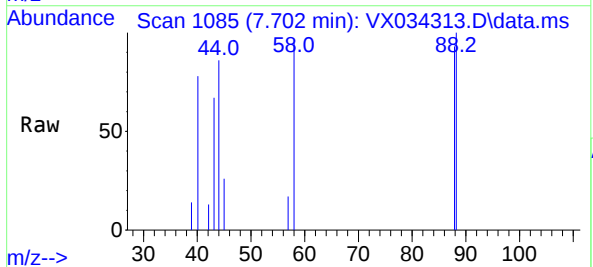


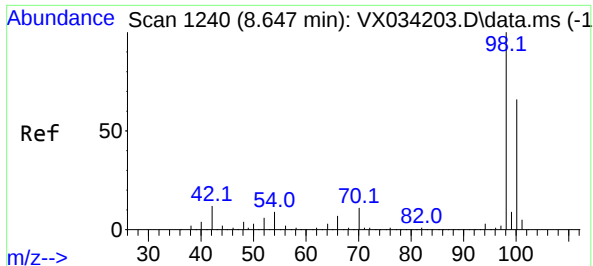
Tgt Ion:117 Resp: 23293
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 29.986 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.049 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

Tgt Ion: 88 Resp: 2151
Ion Ratio Lower Upper
88 100
43 21.2 0.0 0.0#
58 73.5 56.5 84.7

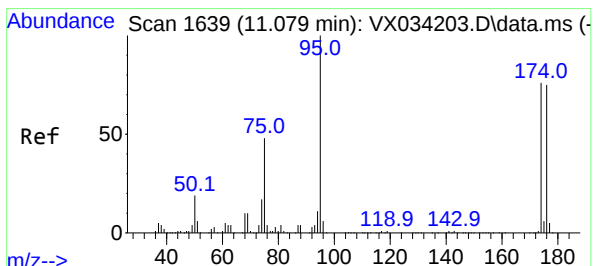
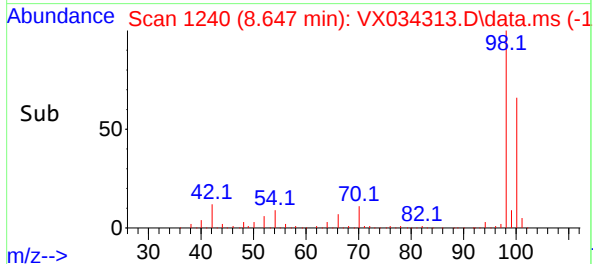
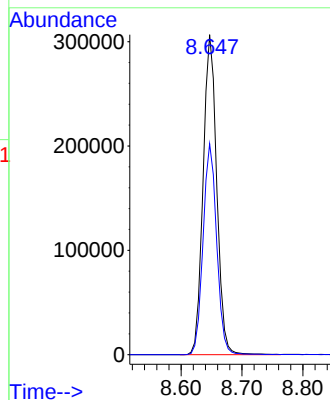
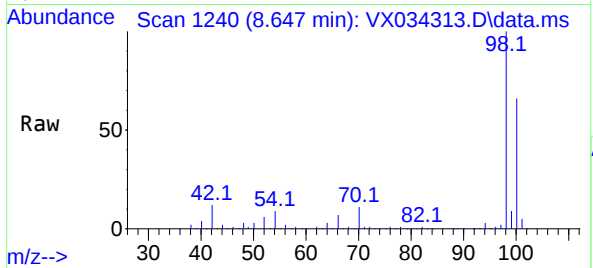




#50
Toluene-d8
Concen: 51.171 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

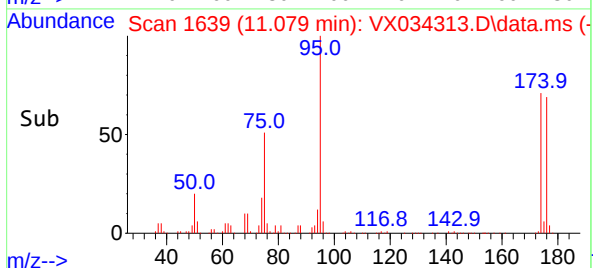
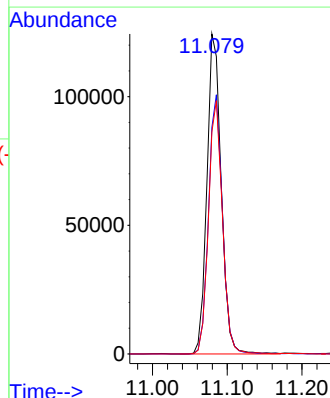
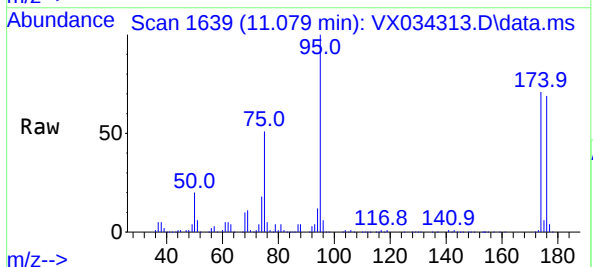
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-7-GRAB-7

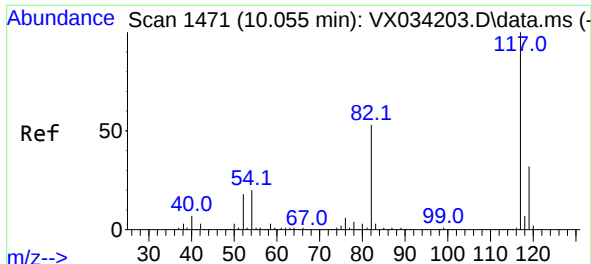
Tgt Ion: 98 Resp: 477279
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

Tgt Ion: 95 Resp: 165245
Ion Ratio Lower Upper
95 100
174 79.3 0.0 184.4
176 77.4 0.0 178.8

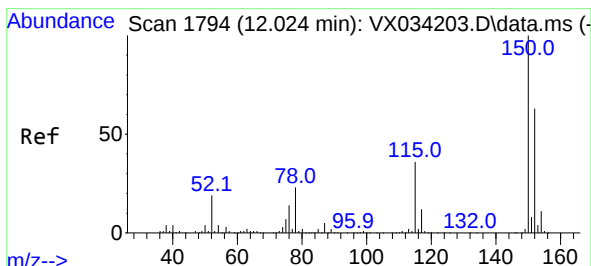
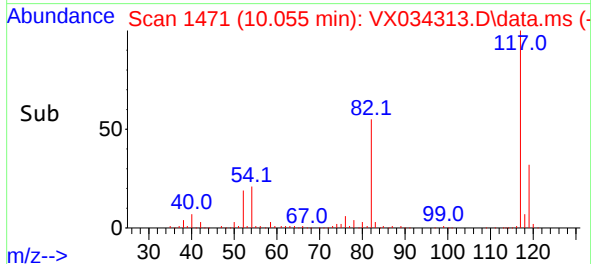
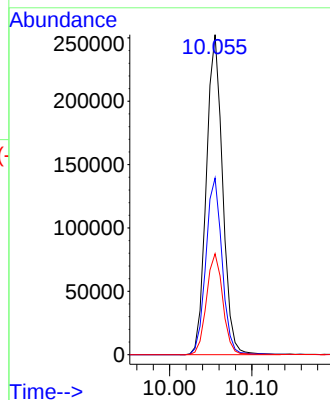
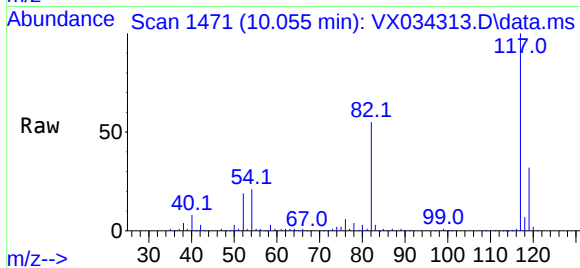




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

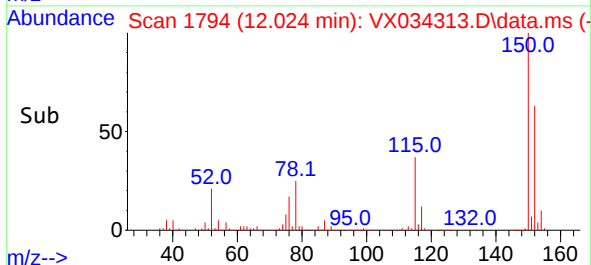
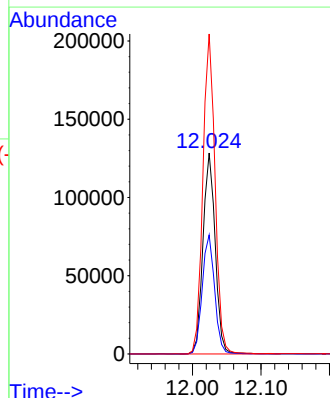
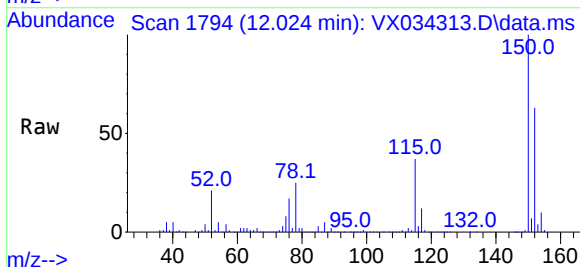
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-7-GRAB-7

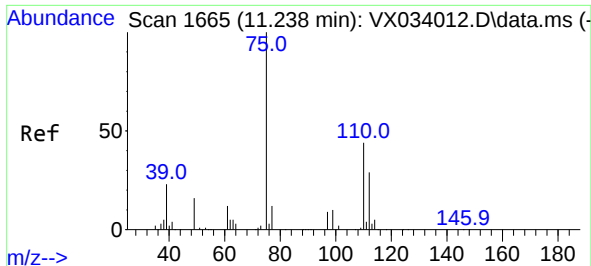
Tgt Ion:117 Resp: 346897
Ion Ratio Lower Upper
117 100
82 55.2 40.6 60.8
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

Tgt Ion:152 Resp: 160220
Ion Ratio Lower Upper
152 100
115 60.1 38.7 116.1
150 158.1 0.0 348.2

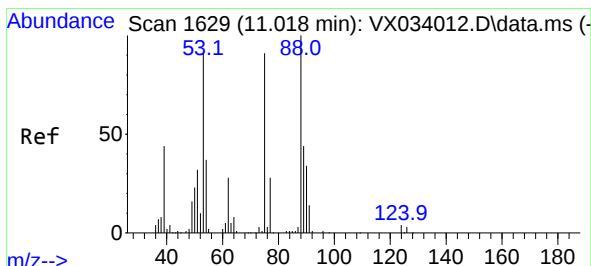
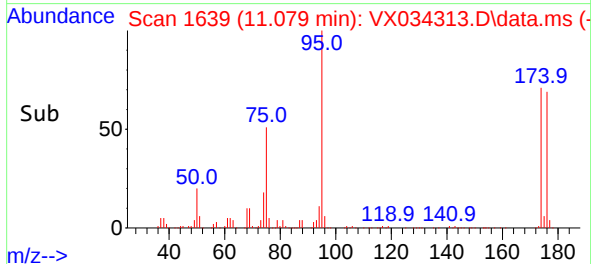
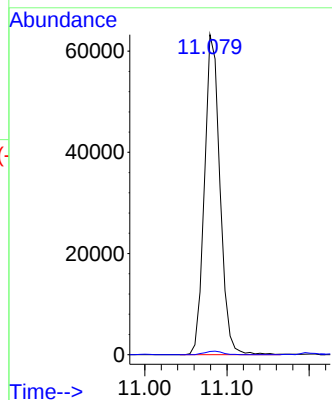
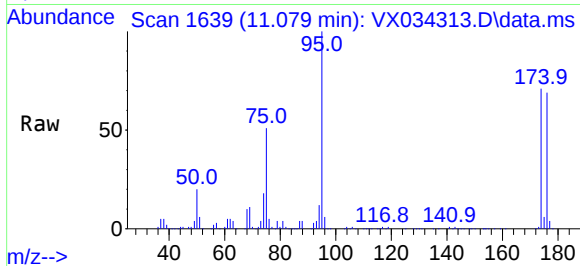




#76
1,2,3-Trichloropropane
Concen: 20.522 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

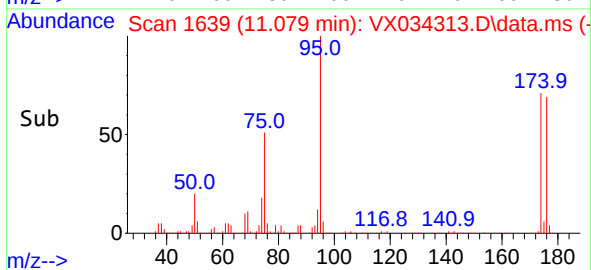
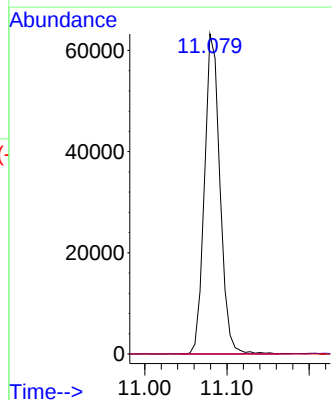
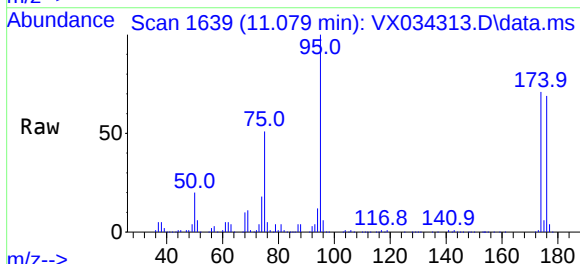
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-7-GRAB-7

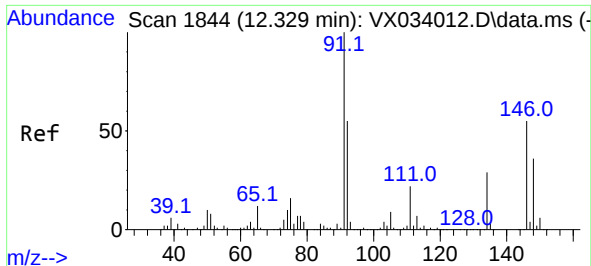
Tgt Ion: 75 Resp: 82737
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

Tgt Ion: 75 Resp: 82737
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



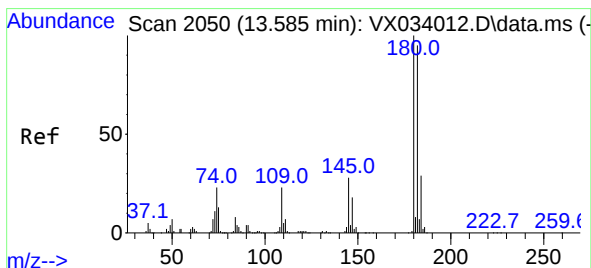
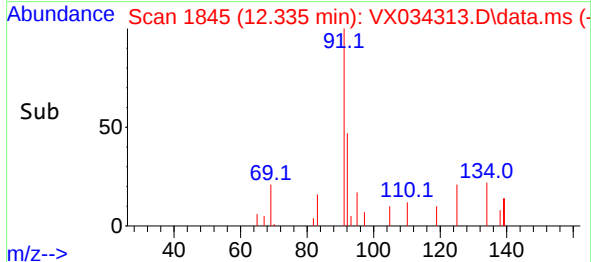
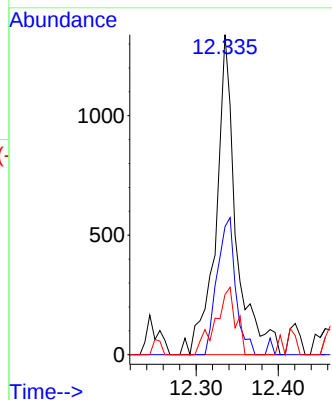
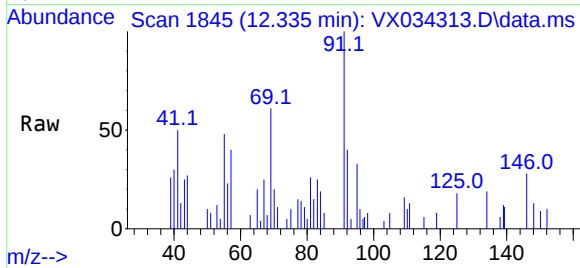


#89
n-Butylbenzene
Concen: 0.243 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

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

Tgt Ion: 91 Resp: 2286

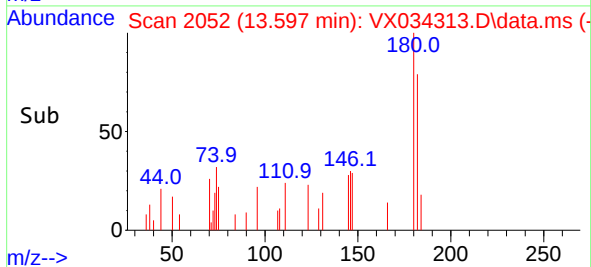
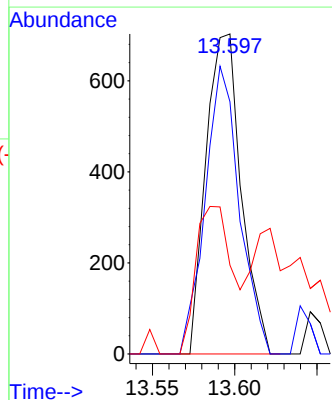
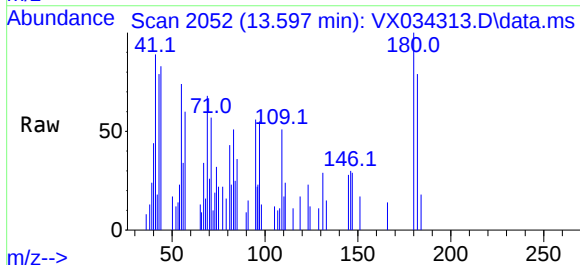
Ion	Ratio	Lower	Upper
91	100		
92	39.3	27.5	82.5
134	21.3	14.3	42.9

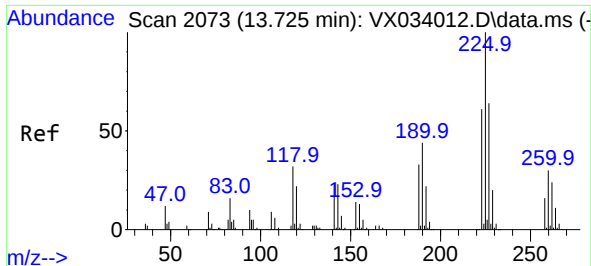


#93
1,2,4-Trichlorobenzene
Concen: 0.303 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

Tgt Ion: 180 Resp: 1048

Ion	Ratio	Lower	Upper
180	100		
182	87.3	47.9	143.6
145	47.2	14.1	42.2

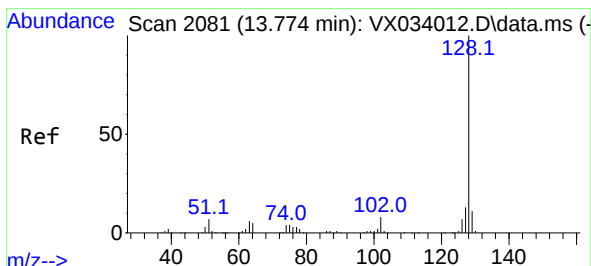
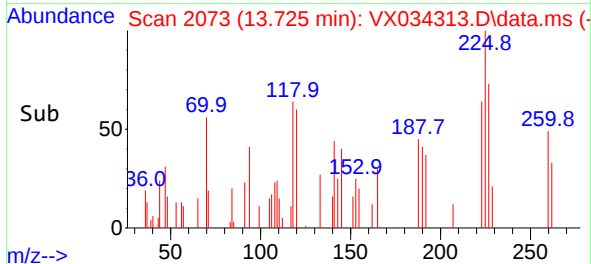
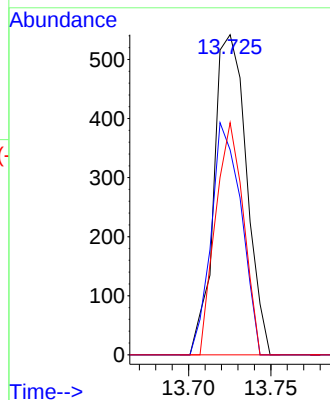
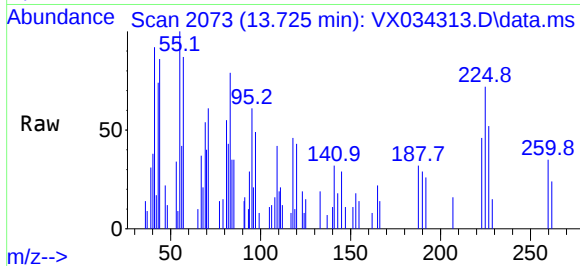




#94
Hexachlorobutadiene
Concen: 0.521 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

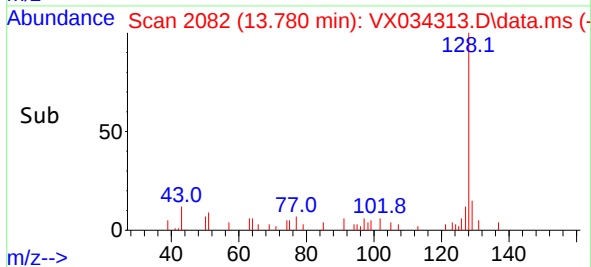
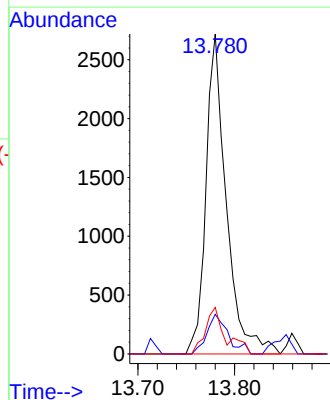
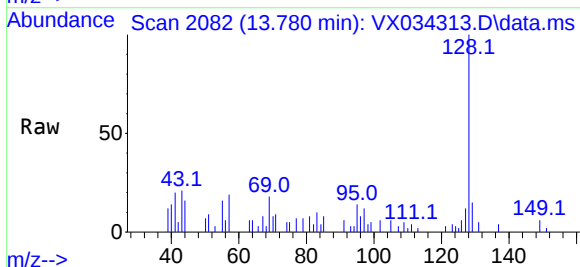
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-7-GRAB-7

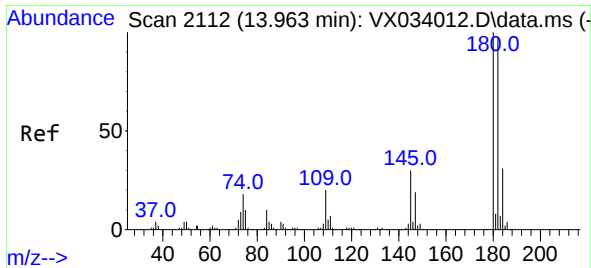
Tgt Ion:	225	Resp:	747
Ion	Ratio	Lower	Upper
225	100		
223	66.8	31.3	93.9
227	62.1	32.3	96.9



#95
Naphthalene
Concen: 0.342 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034313.D
Acq: 03 Mar 2023 11:27

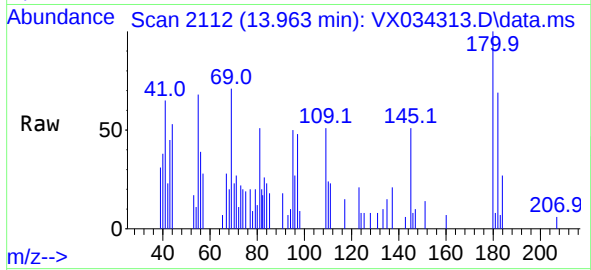
Tgt Ion:	128	Resp:	3983
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	14.4	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.392 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX034313.D
 Acq: 03 Mar 2023 11:27

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



Tgt Ion:180 Resp: 1348

Ion	Ratio	Lower	Upper
180	100		
182	72.6	47.6	142.9
145	63.1	15.1	45.3#

