

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036269.D
 Acq On : 21 Jun 2023 14:35
 Operator : JC/MD
 Sample : 03331-19
 Misc : 20.48g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB9-GRAB-7

Quant Time: Jun 22 05:01:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

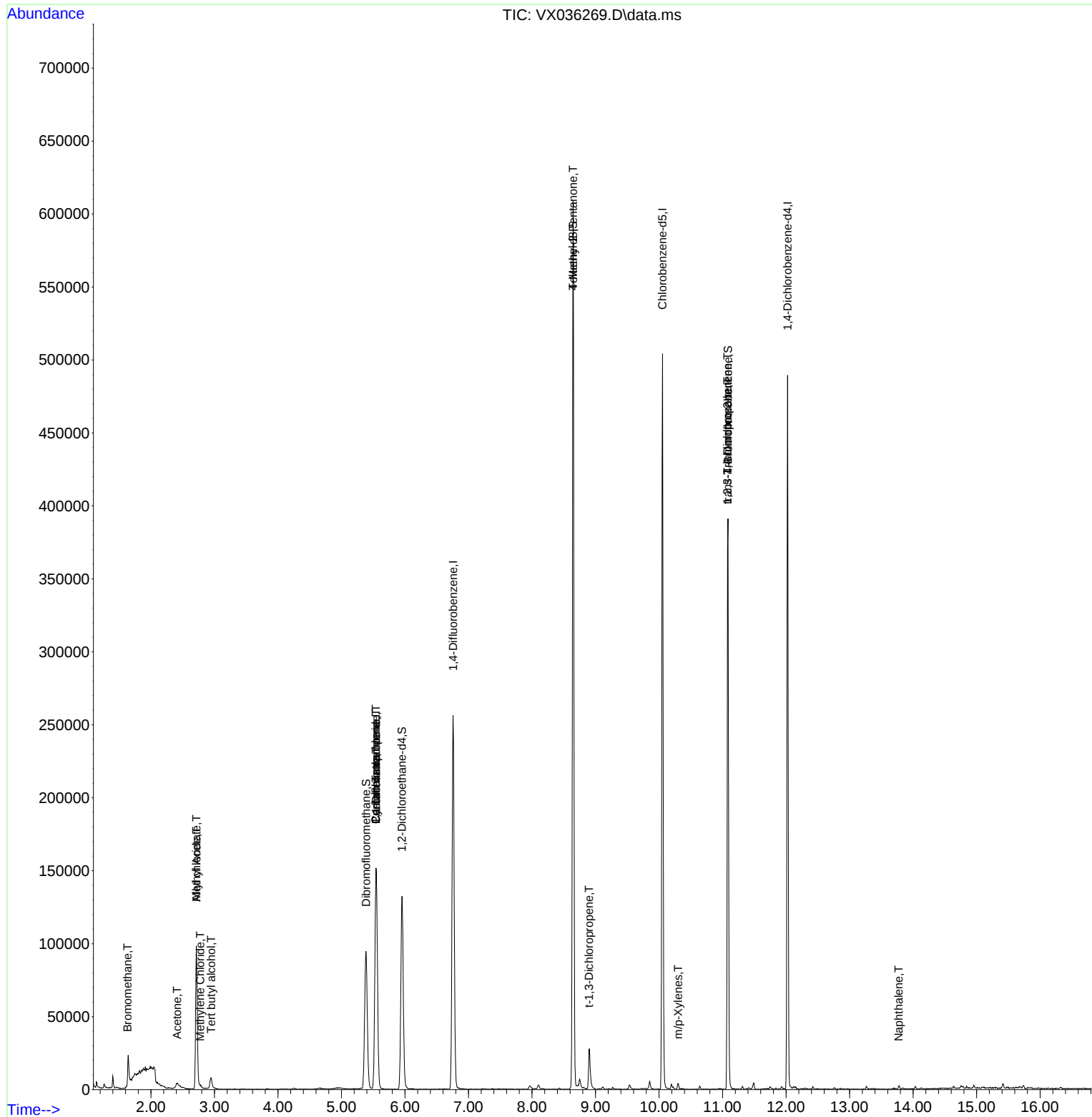
Internal Standards						
1) Pentafluorobenzene	5.544	168	136061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	248957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124312	49.996	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 100.000%		
35) Dibromofluoromethane	5.385	113	83587	49.512	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 99.020%		
50) Toluene-d8	8.647	98	336491	54.489	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 108.980%		
62) 4-Bromofluorobenzene	11.085	95	113904	45.694	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 91.380%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	244	0.236	ug/l #	3
11) Tert butyl alcohol	2.947	59	5043	13.267	ug/l #	78
14) Allyl chloride	2.715	41	1856	0.624	ug/l #	27
16) Acetone	2.410	43	6110	5.915	ug/l	93
18) Methyl Acetate	2.715	43	121830	31.096	ug/l	98
20) Methylene Chloride	2.776	84	931	0.497	ug/l #	81
31) Cyclohexane	5.544	56	3378	1.266	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12423	4.996	ug/l #	50
38) Carbon Tetrachloride	5.544	117	14456	5.980	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2224	0.794	ug/l #	1
53) t-1,3-Dichloropropene	8.897	75	10160	3.879	ug/l #	43
68) m/p-Xylenes	10.299	106	877	0.291	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	62257	27.870	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62257	97.552	ug/l #	5
95) Naphthalene	13.774	128	1728	0.289	ug/l	99

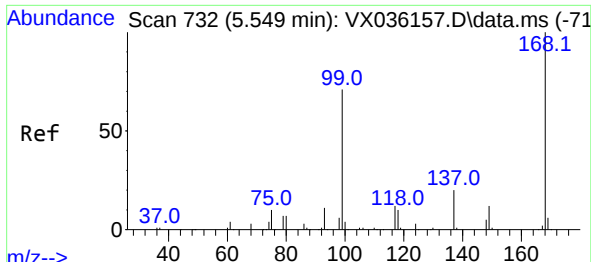
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
Data File : VX036269.D
Acq On : 21 Jun 2023 14:35
Operator : JC/MD
Sample : 03331-19
Misc : 20.48g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-7

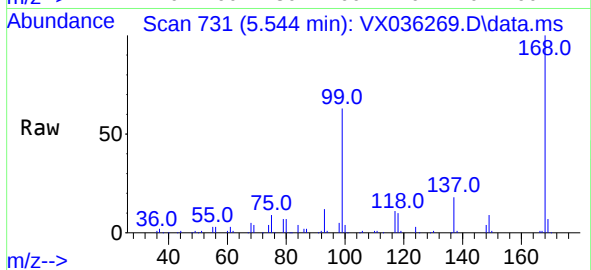
Quant Time: Jun 22 05:01:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration



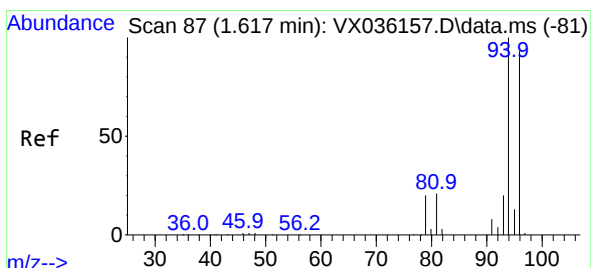
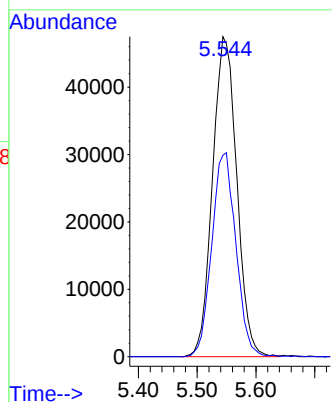


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-7

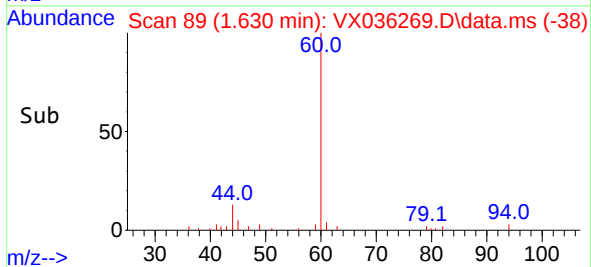
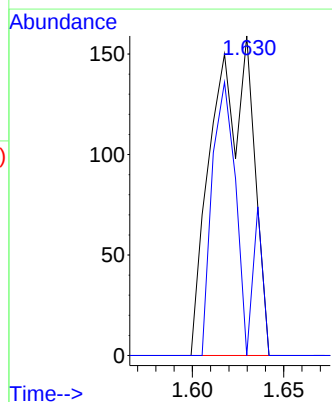
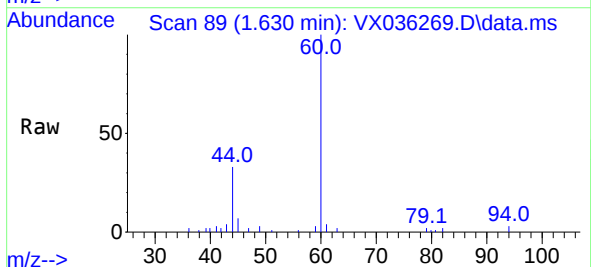


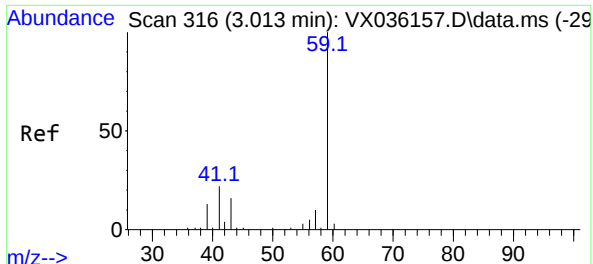
Tgt Ion:168 Resp: 136061
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#5
Bromomethane
Concen: 0.236 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

Tgt Ion: 94 Resp: 244
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 13.267 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.066 min

Lab File: VX036269.D

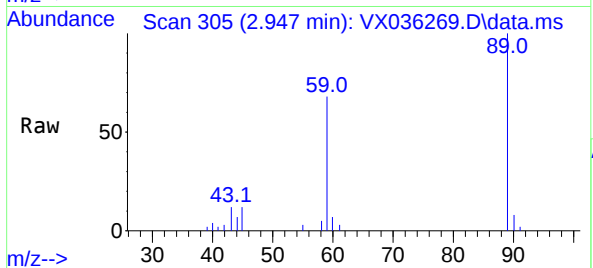
Acq: 21 Jun 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-SB9-GRAB-7

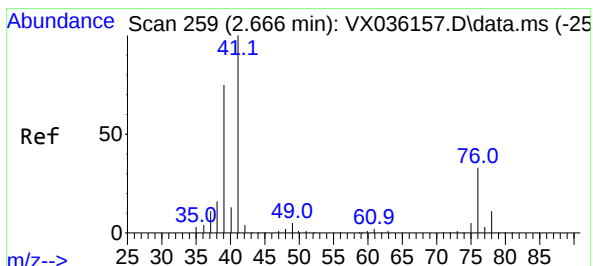
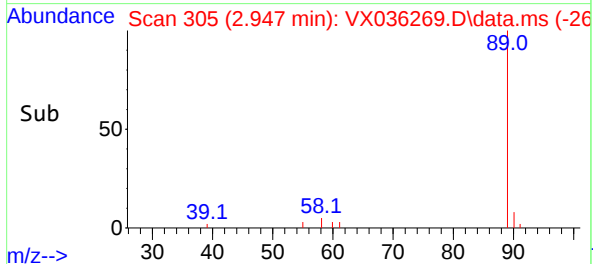
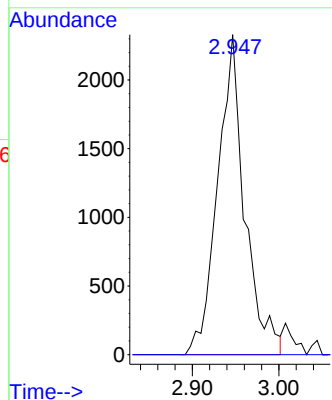


Tgt Ion: 59 Resp: 5043

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.624 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.049 min

Lab File: VX036269.D

Acq: 21 Jun 2023 14:35

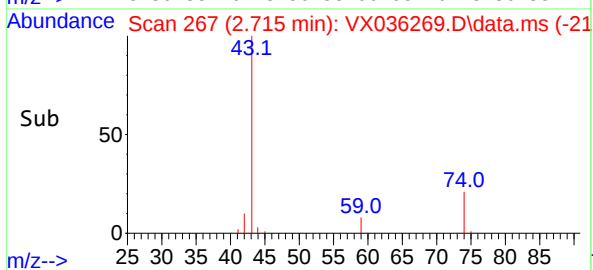
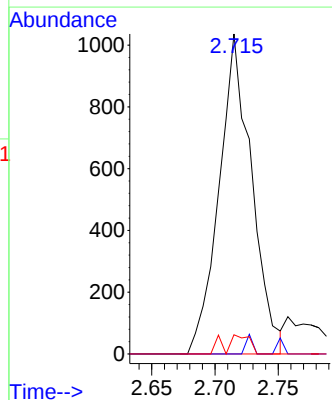
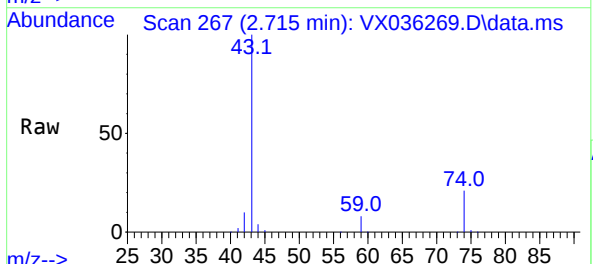
Tgt Ion: 41 Resp: 1856

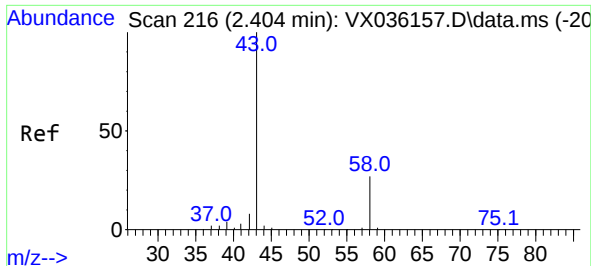
Ion Ratio Lower Upper

41 100

39 1.2 55.8 83.6#

76 4.5 24.3 36.5#

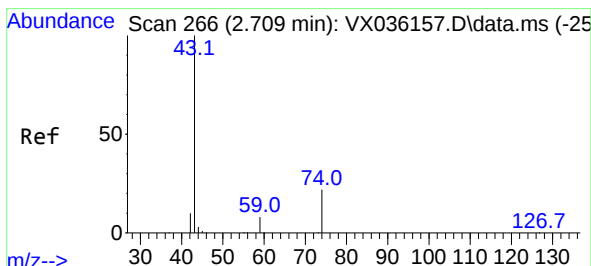
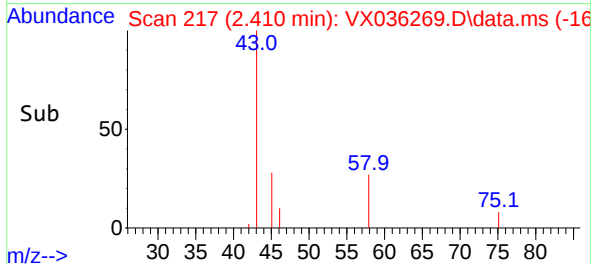
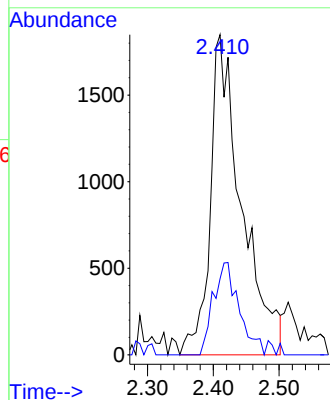
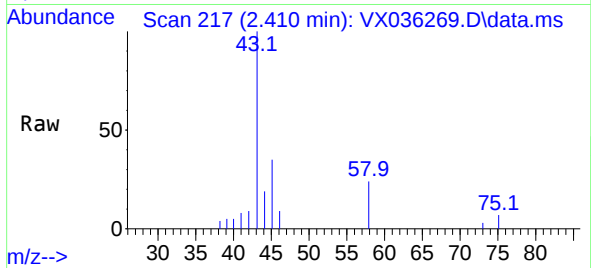




#16
Acetone
Concen: 5.915 ug/l
RT: 2.410 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

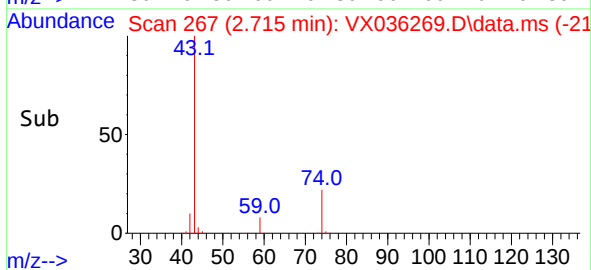
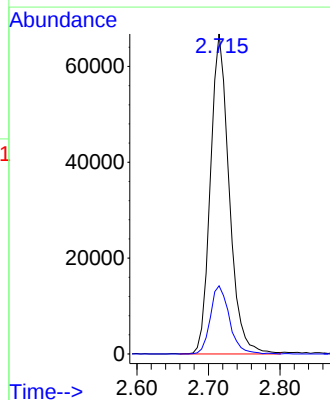
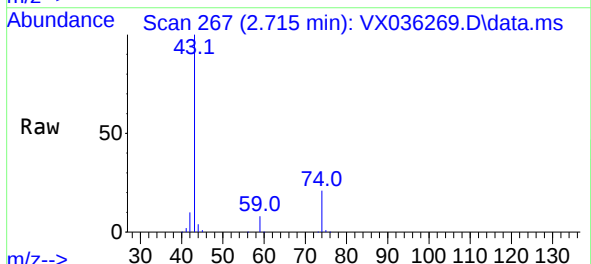
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-7

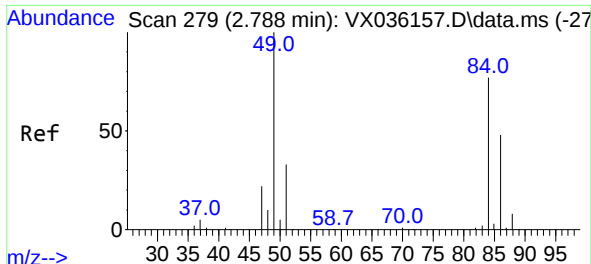
Tgt Ion: 43 Resp: 6110
Ion Ratio Lower Upper
43 100
58 23.7 21.9 32.9



#18
Methyl Acetate
Concen: 31.096 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

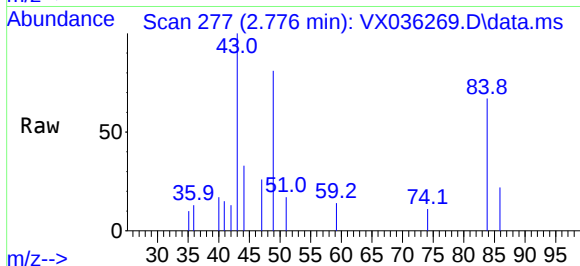
Tgt Ion: 43 Resp: 121830
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.8





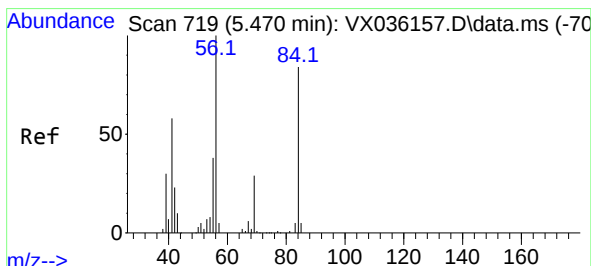
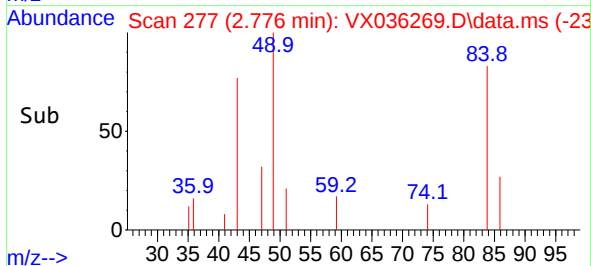
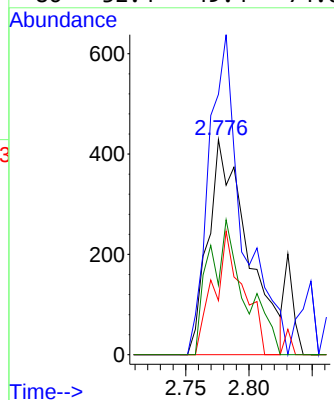
#20
Methylene Chloride
Concen: 0.497 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-7



Tgt Ion: 84 Resp: 931

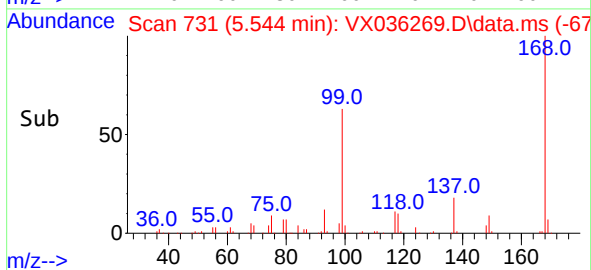
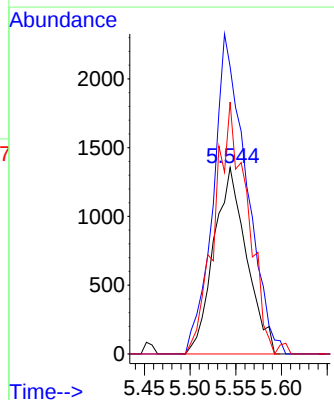
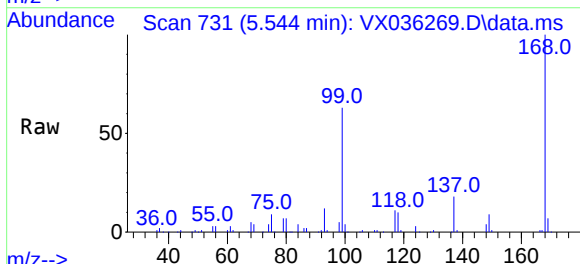
Ion	Ratio	Lower	Upper
84	100		
49	121.0	103.6	155.4
51	25.2	33.8	50.6#
86	32.4	49.4	74.0#

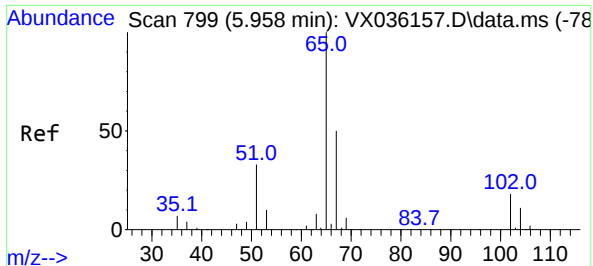


#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

Tgt Ion: 56 Resp: 3378

Ion	Ratio	Lower	Upper
56	100		
69	154.1	23.4	35.2#
84	135.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.996 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX036269.D

Acq: 21 Jun 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

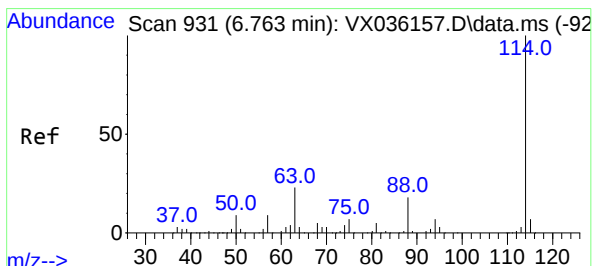
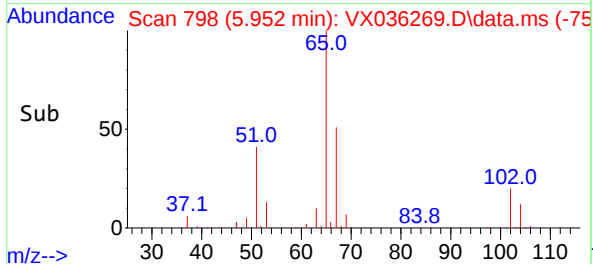
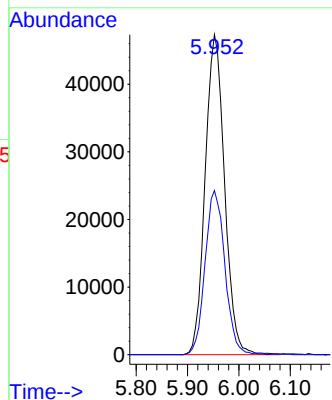
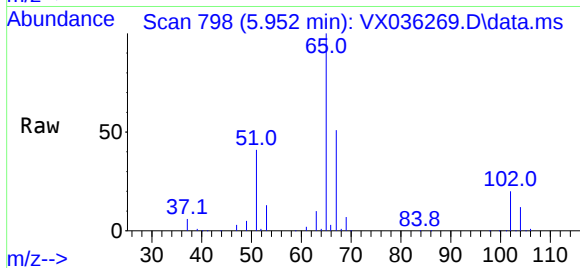
TOTAL-VOC-SB9-GRAB-7

Tgt Ion: 65 Resp: 124312

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036269.D

Acq: 21 Jun 2023 14:35

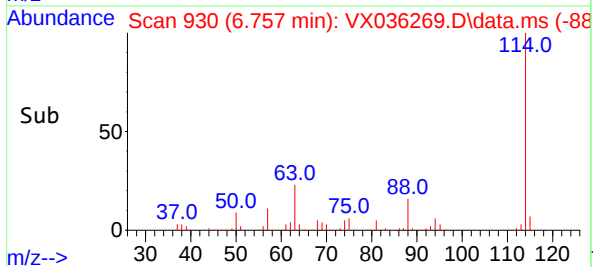
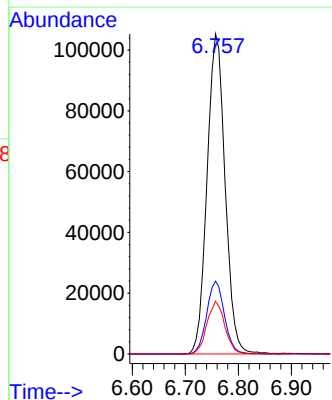
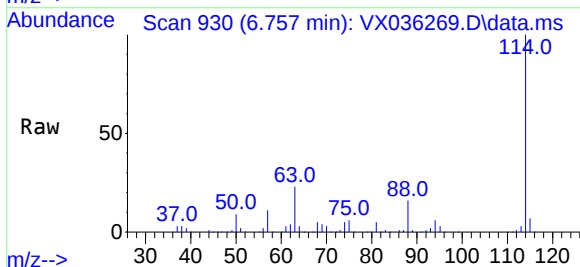
Tgt Ion: 114 Resp: 248957

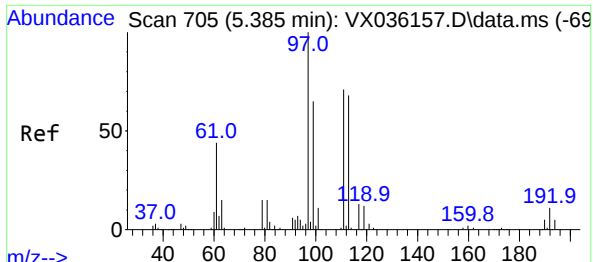
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

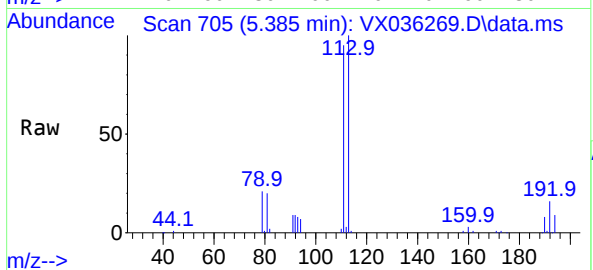
88 16.5 0.0 36.6



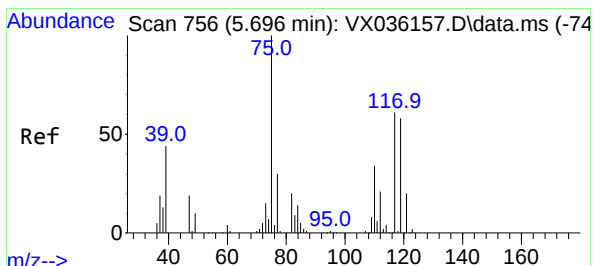
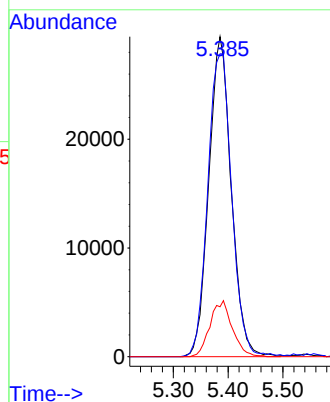
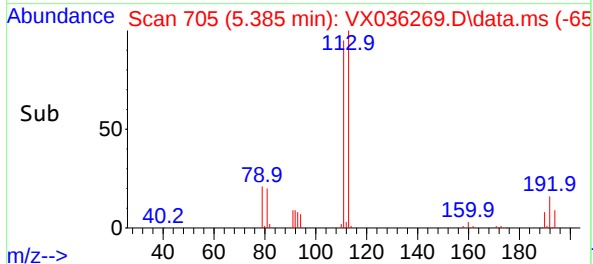


#35
Dibromofluoromethane
Concen: 49.512 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

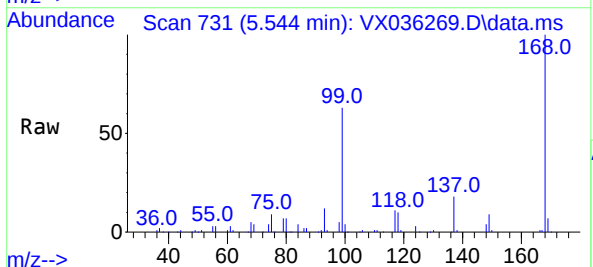
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-7



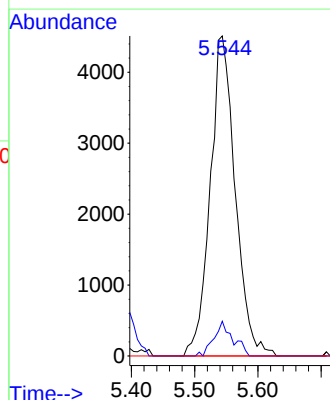
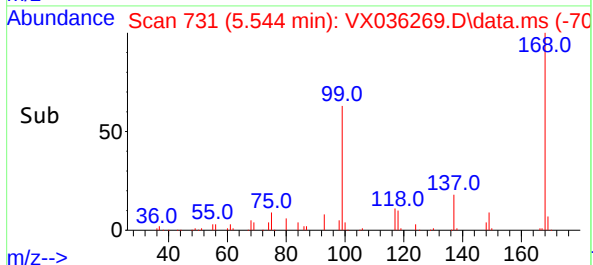
Tgt Ion:113 Resp: 83587
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 17.4 13.3 19.9

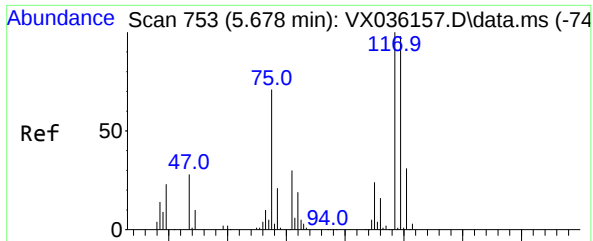


#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35



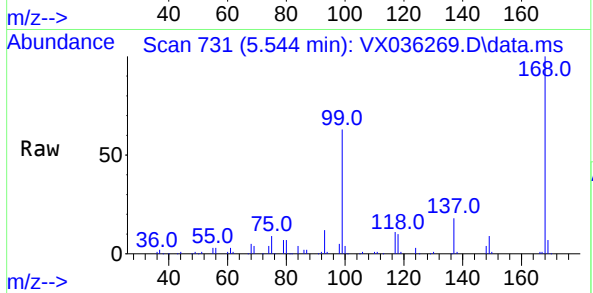
Tgt Ion: 75 Resp: 12423
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



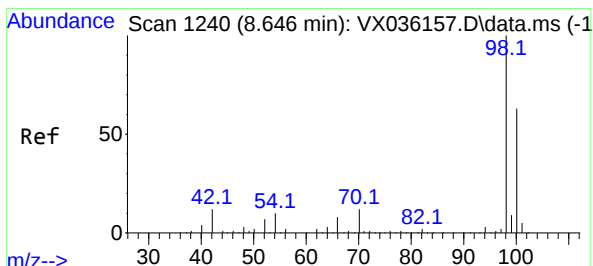
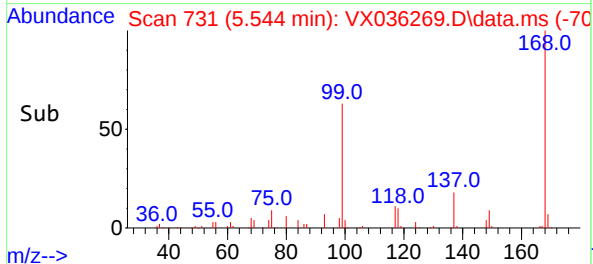
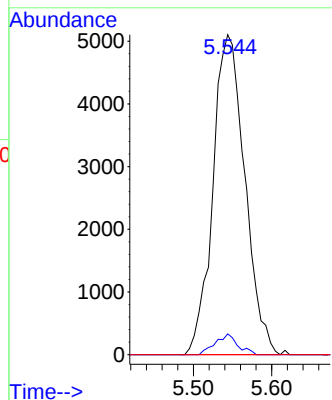


#38
Carbon Tetrachloride
Concen: 5.980 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-7

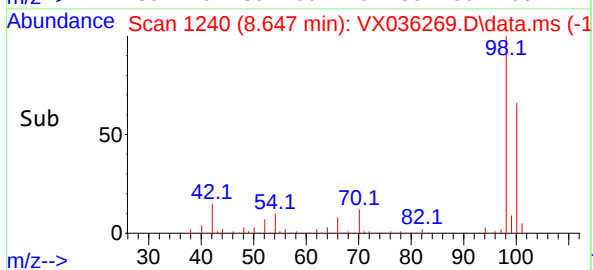
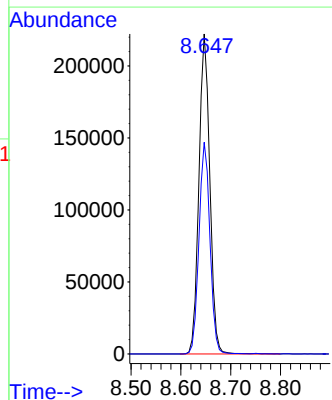
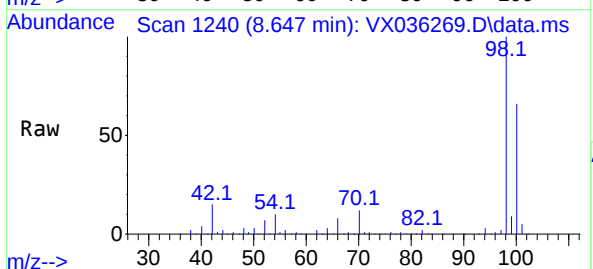


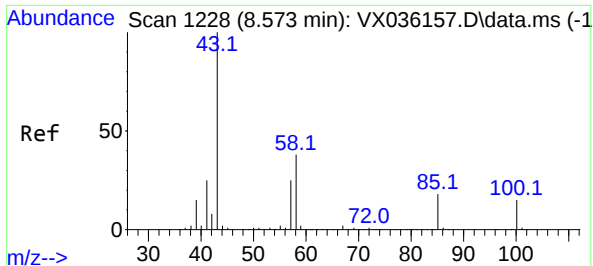
Tgt Ion:117 Resp: 14456
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 54.489 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

Tgt Ion: 98 Resp: 336491
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.794 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX036269.D

Acq: 21 Jun 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

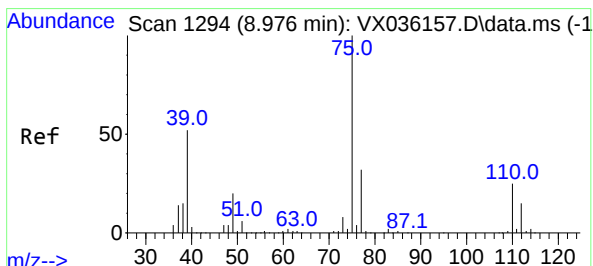
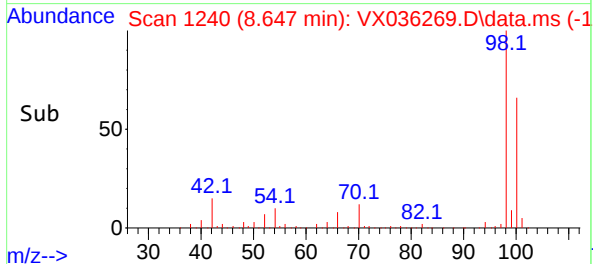
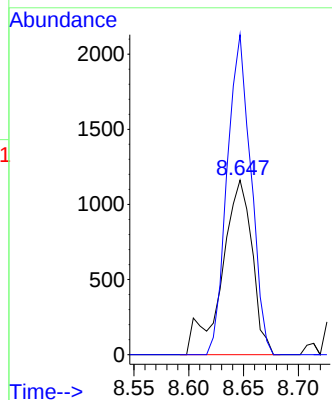
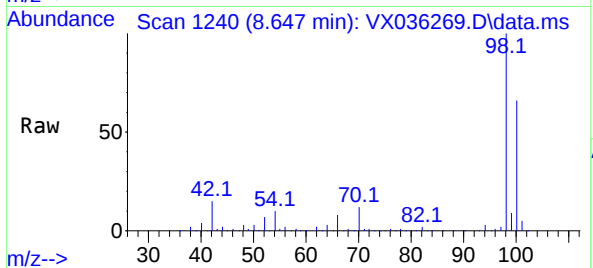
TOTAL-VOC-SB9-GRAB-7

Tgt Ion: 43 Resp: 2224

Ion Ratio Lower Upper

43 100

58 144.2 30.4 45.6#



#53

t-1,3-Dichloropropene

Concen: 3.879 ug/l

RT: 8.897 min Scan# 1281

Delta R.T. -0.079 min

Lab File: VX036269.D

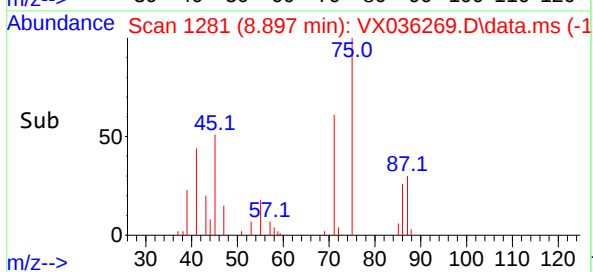
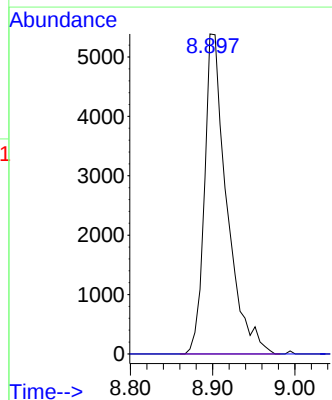
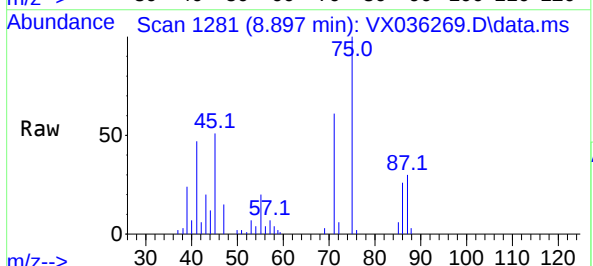
Acq: 21 Jun 2023 14:35

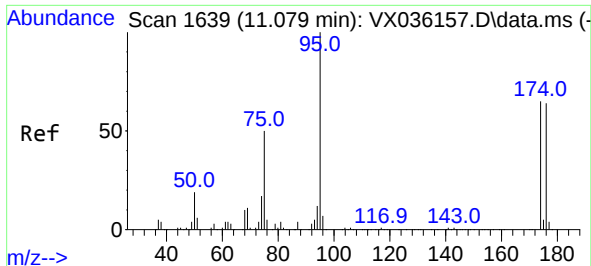
Tgt Ion: 75 Resp: 10160

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

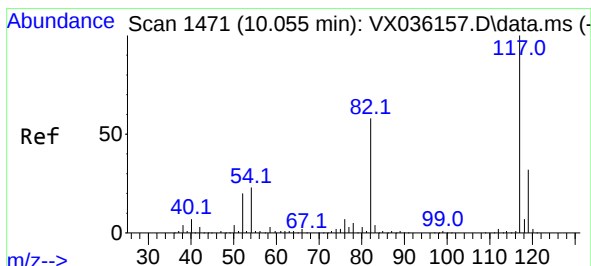
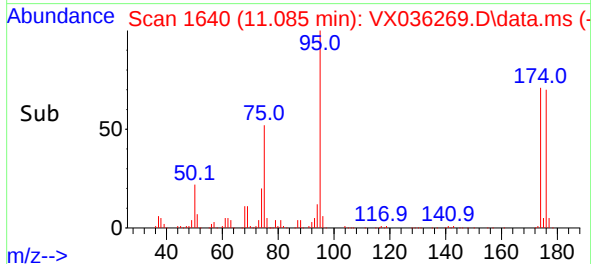
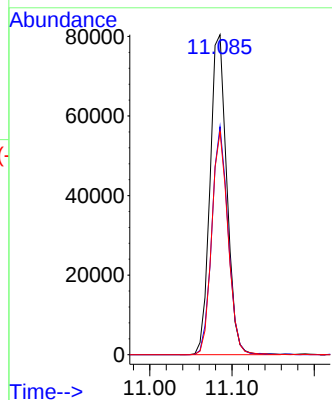
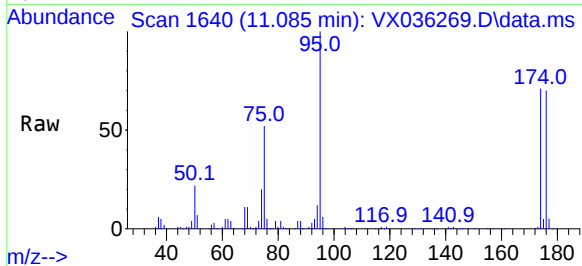




#62
4-Bromofluorobenzene
Concen: 45.694 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

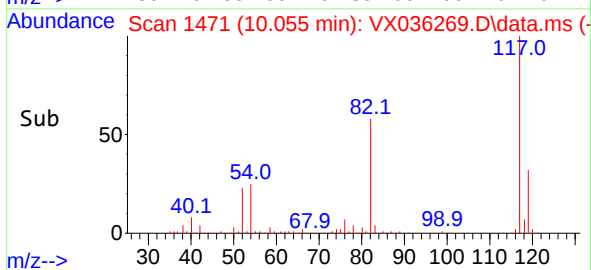
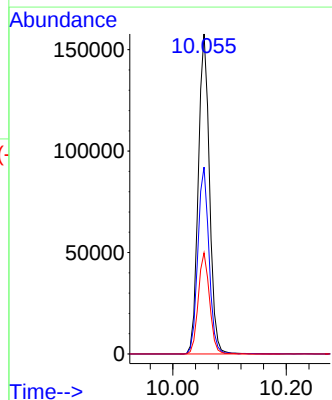
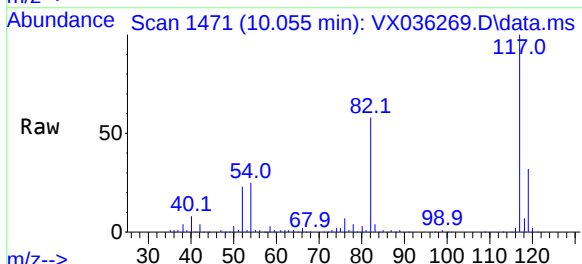
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-7

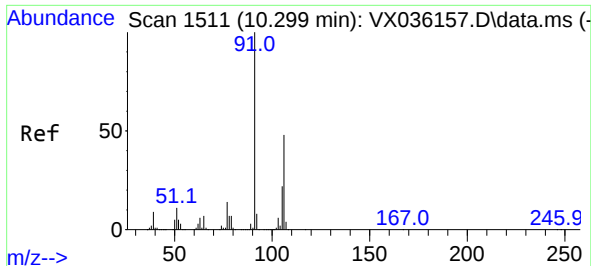
Tgt Ion: 95 Resp: 113904
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.6
176 67.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

Tgt Ion: 117 Resp: 215865
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 31.6 25.5 38.3

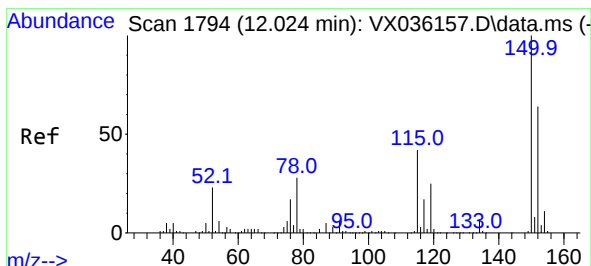
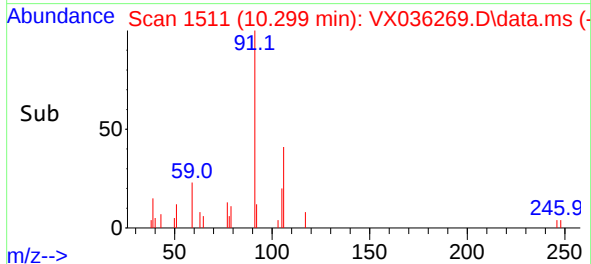
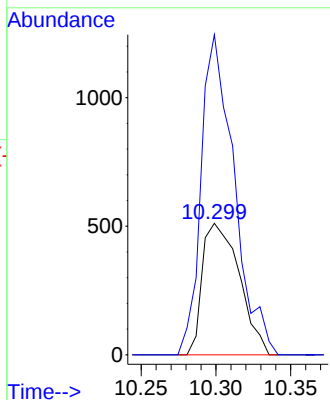
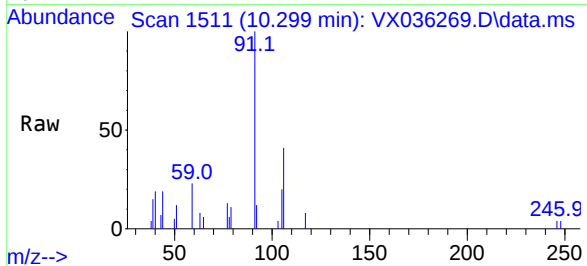




#68
m/p-Xylenes
Concen: 0.291 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

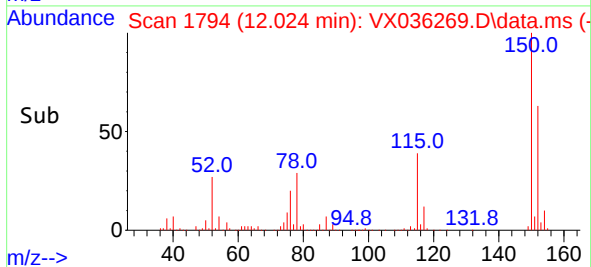
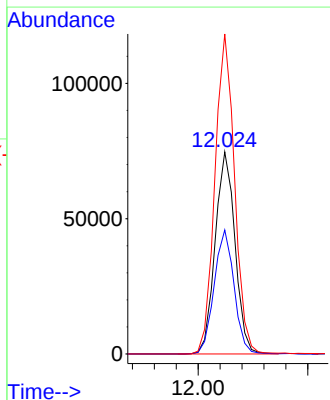
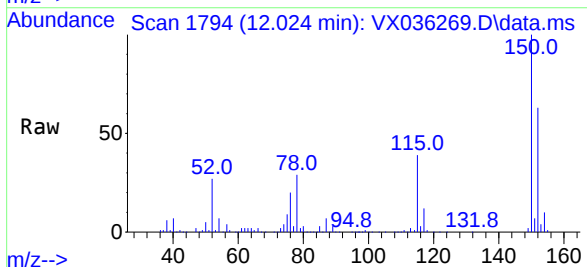
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-7

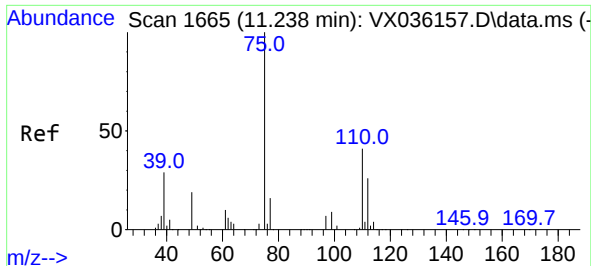
Tgt Ion:106 Resp: 877
Ion Ratio Lower Upper
106 100
91 218.2 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

Tgt Ion:152 Resp: 94124
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 157.0 0.0 345.0

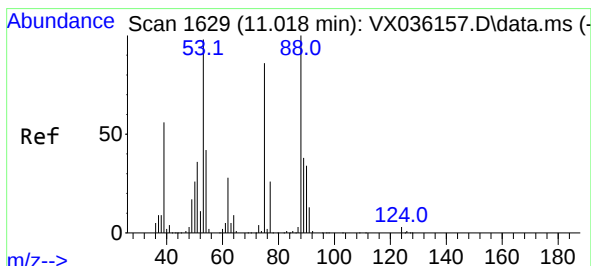
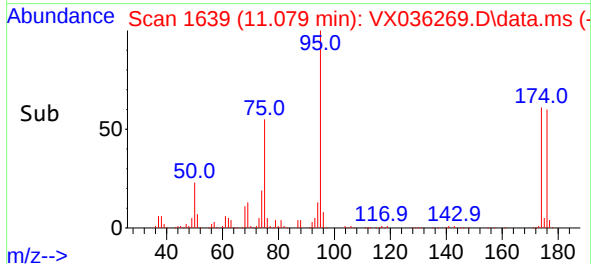
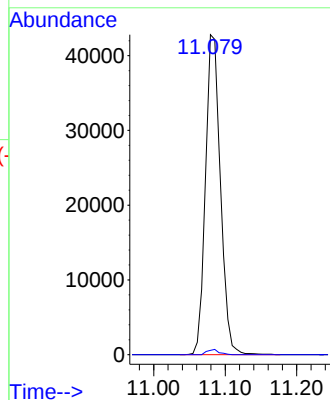
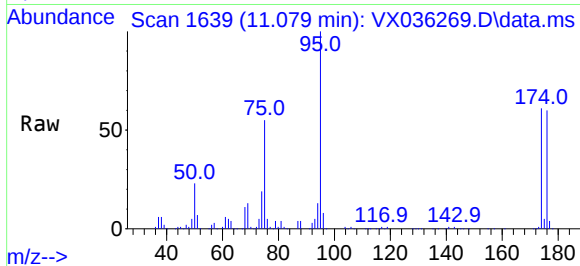




#76
1,2,3-Trichloropropane
Concen: 27.870 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

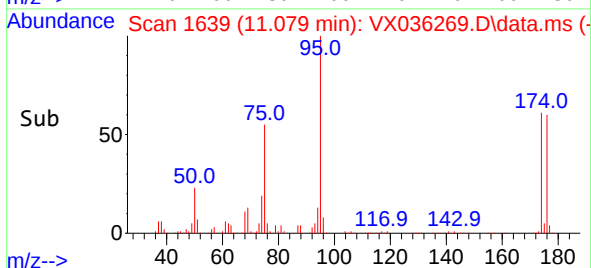
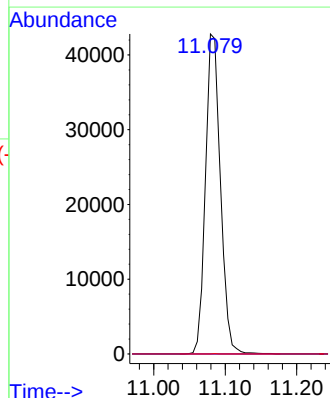
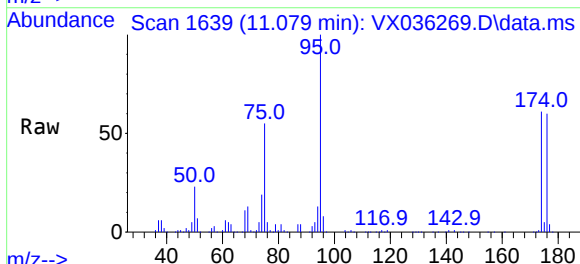
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-7

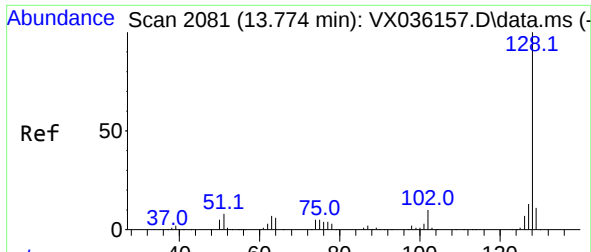
Tgt Ion: 75 Resp: 62257
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

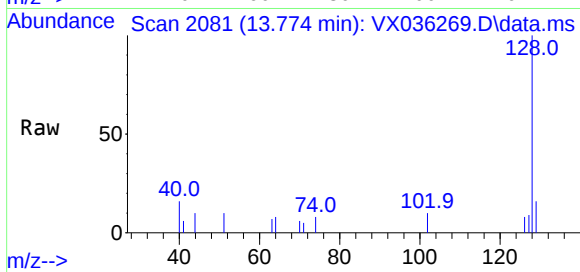
Tgt Ion: 75 Resp: 62257
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.289 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX036269.D
Acq: 21 Jun 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-7



Tgt Ion:	128	Resp:	1728
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.9	8.8	13.2

