

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036268.D
 Acq On : 21 Jun 2023 14:11
 Operator : JC/MD
 Sample : 03331-18
 Misc : 20.70g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB9-GRAB-6

Quant Time: Jun 22 05:01:41 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)

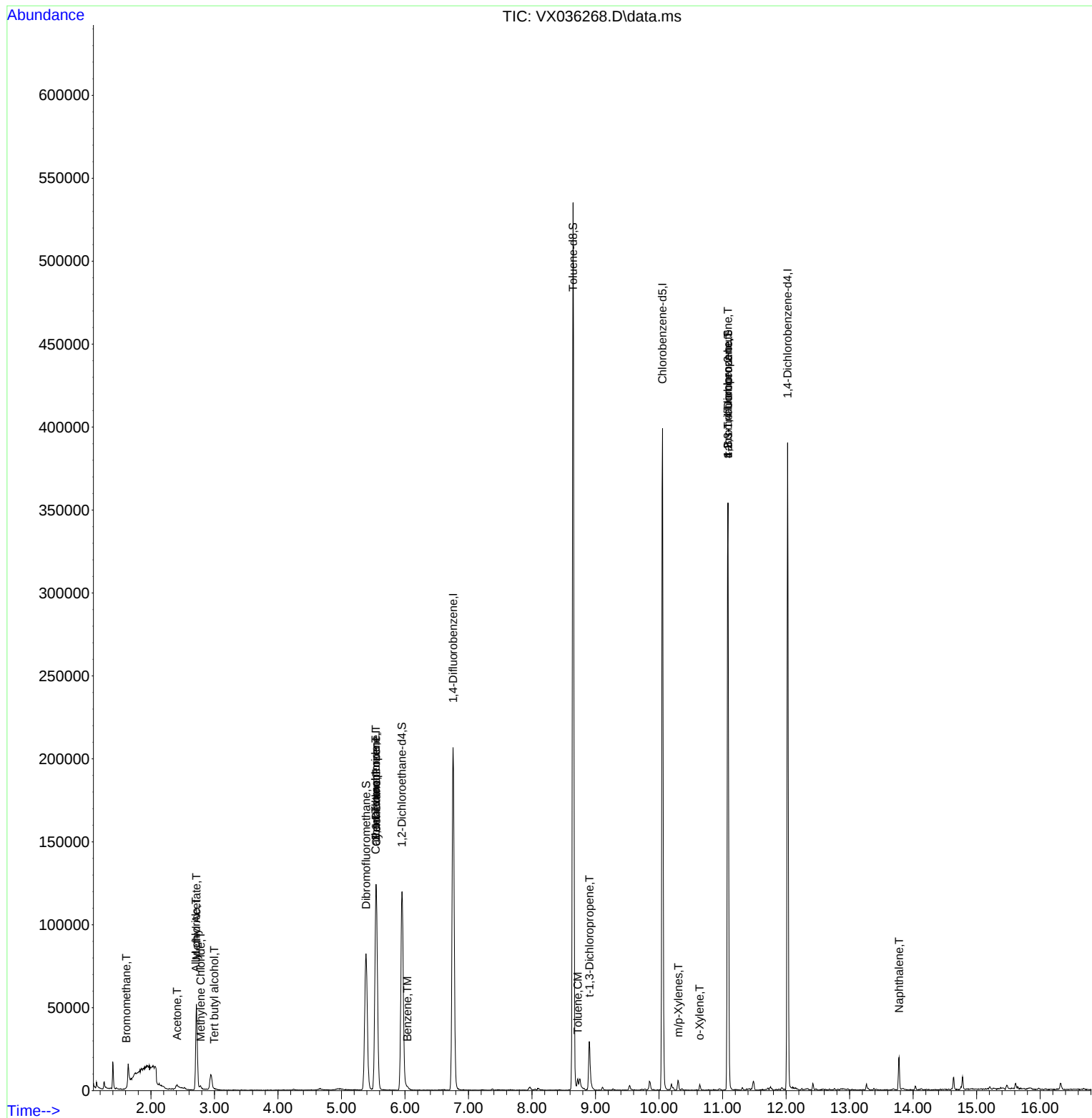
Internal Standards						
1) Pentafluorobenzene	5.543	168	112316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	201974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115653	56.347	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	112.700%	
35) Dibromofluoromethane	5.385	113	72638	53.035	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.080%	
50) Toluene-d8	8.646	98	299878	59.856	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	119.720%#	
62) 4-Bromofluorobenzene	11.085	95	103804	51.329	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	326	0.382	ug/l #	57
11) Tert butyl alcohol	2.995	59	355	1.131	ug/l #	78
14) Allyl chloride	2.709	41	1128	0.460	ug/l #	24
16) Acetone	2.410	43	3434	4.027	ug/l #	73
18) Methyl Acetate	2.715	43	63931	19.767	ug/l	99
20) Methylene Chloride	2.782	84	947	0.613	ug/l #	84
31) Cyclohexane	5.549	56	2768	1.257	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	10722	5.314	ug/l #	50
38) Carbon Tetrachloride	5.537	117	11949	6.093	ug/l #	17
40) Benzene	6.037	78	2302	0.406	ug/l #	86
52) Toluene	8.720	92	2187	0.616	ug/l	100
53) t-1,3-Dichloropropene	8.903	75	11395	5.363	ug/l #	44
68) m/p-Xylenes	10.305	106	1239	0.507	ug/l	85
69) o-Xylene	10.640	106	717	0.298	ug/l	99
76) 1,2,3-Trichloropropane	11.085	75	57744	32.370	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57744	113.300	ug/l #	5
95) Naphthalene	13.780	128	12186	2.548	ug/l	98

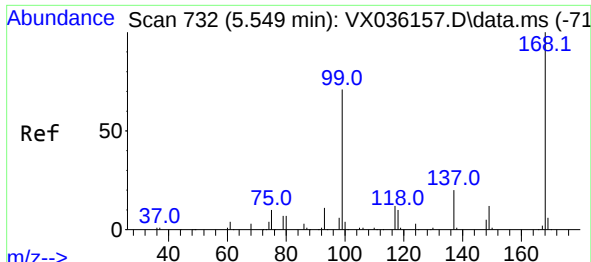
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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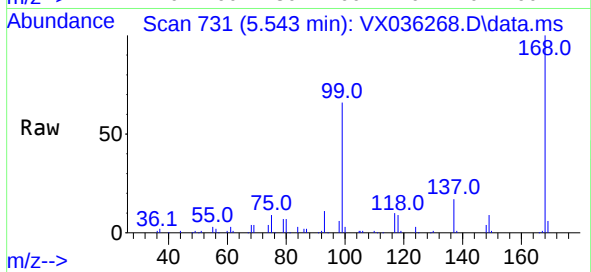
Quant Time: Jun 22 05:01:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
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QLast Update : Fri Jun 16 16:28:40 2023
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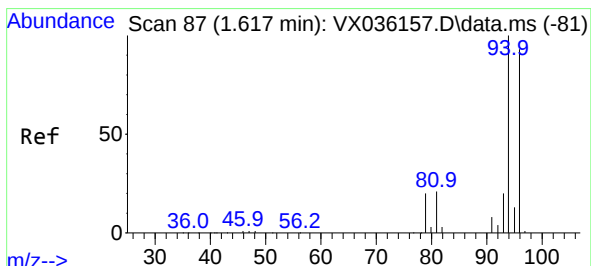
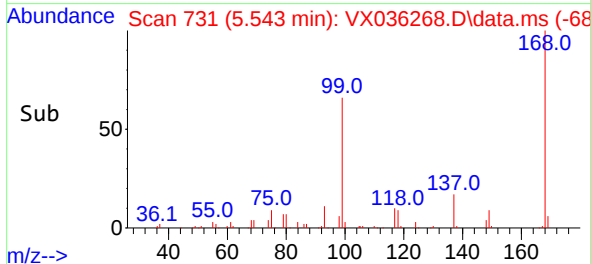
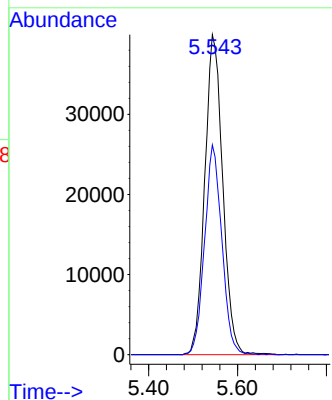


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-6

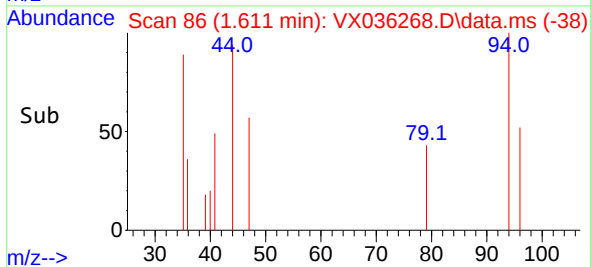
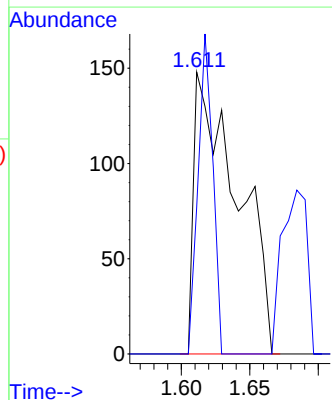
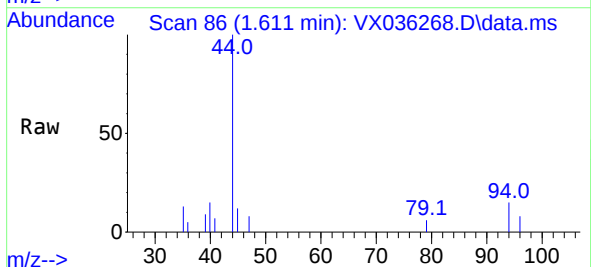


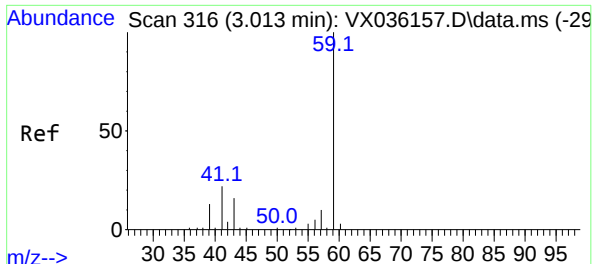
Tgt Ion:168 Resp: 112316
Ion Ratio Lower Upper
168 100
99 65.6 56.6 85.0



#5
Bromomethane
Concen: 0.382 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

Tgt Ion: 94 Resp: 326
Ion Ratio Lower Upper
94 100
96 52.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 1.131 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX036268.D

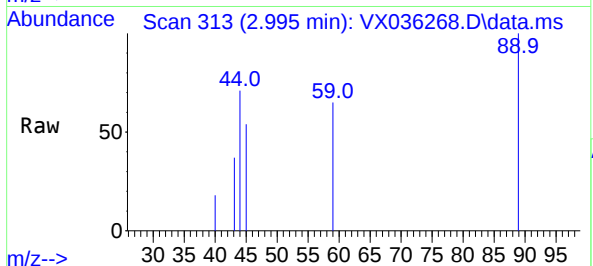
Acq: 21 Jun 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-SB9-GRAB-6

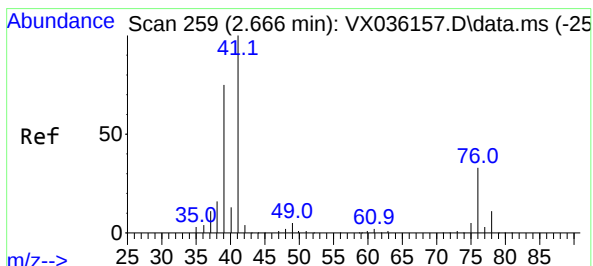
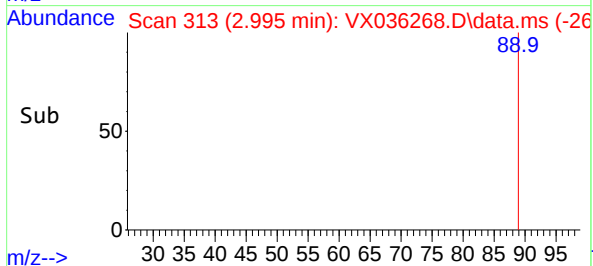
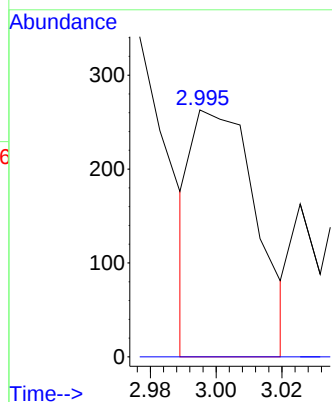


Tgt Ion: 59 Resp: 355

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.460 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.043 min

Lab File: VX036268.D

Acq: 21 Jun 2023 14:11

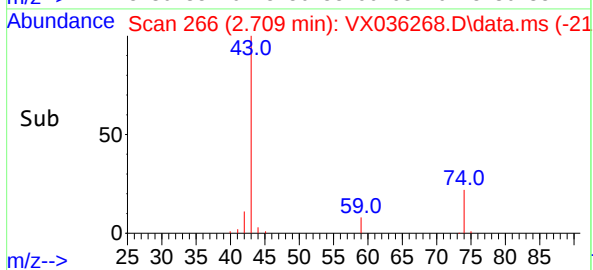
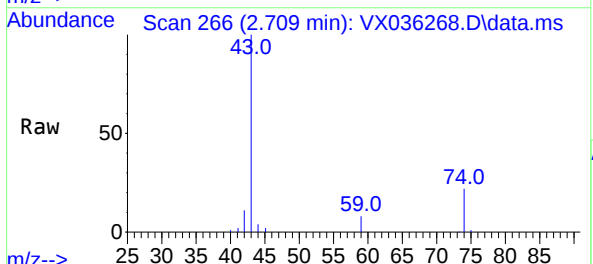
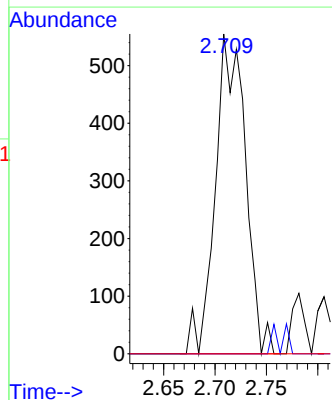
Tgt Ion: 41 Resp: 1128

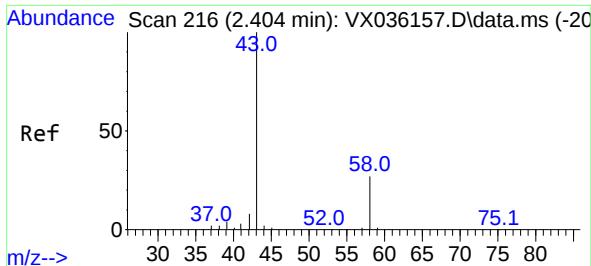
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

76 0.0 24.3 36.5#

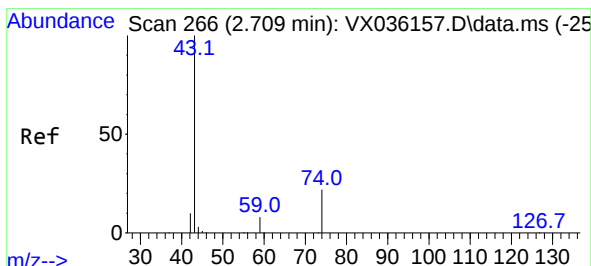
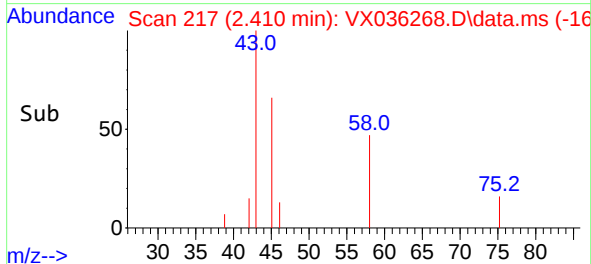
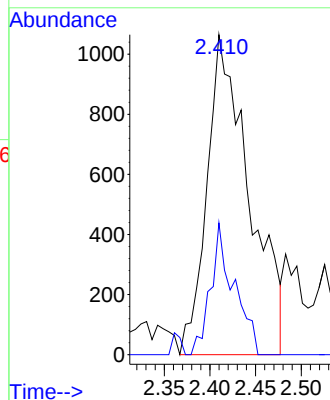
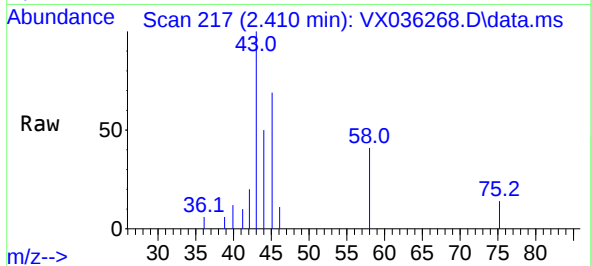




#16
Acetone
Concen: 4.027 ug/l
RT: 2.410 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

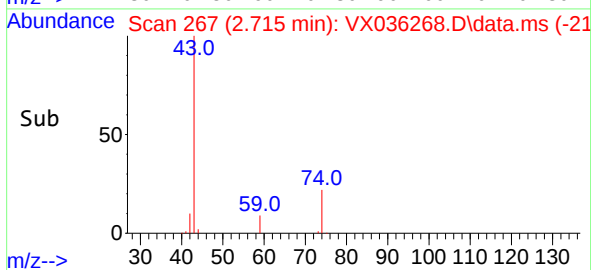
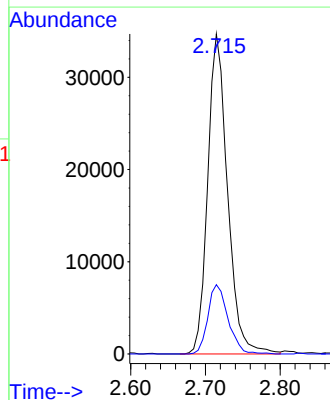
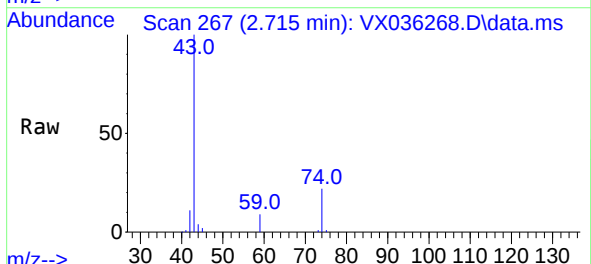
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-6

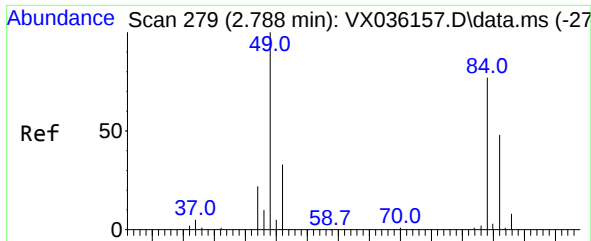
Tgt Ion: 43 Resp: 3434
Ion Ratio Lower Upper
43 100
58 41.2 21.9 32.9#



#18
Methyl Acetate
Concen: 19.767 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

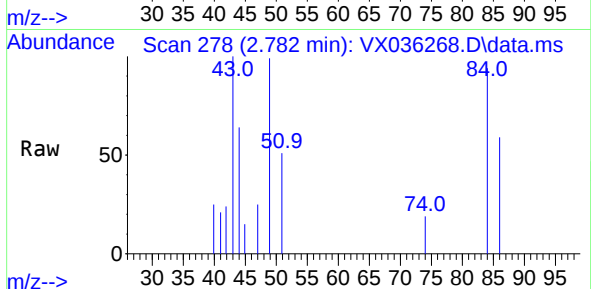
Tgt Ion: 43 Resp: 63931
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





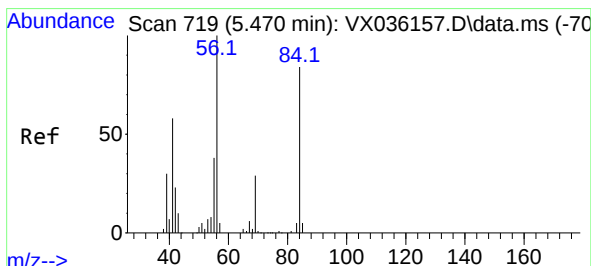
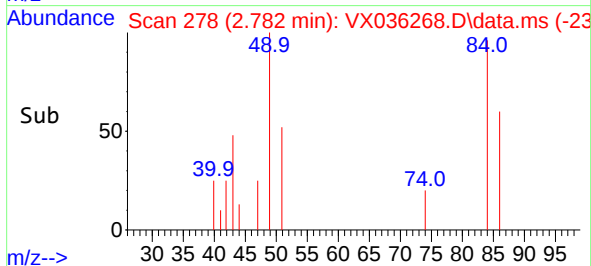
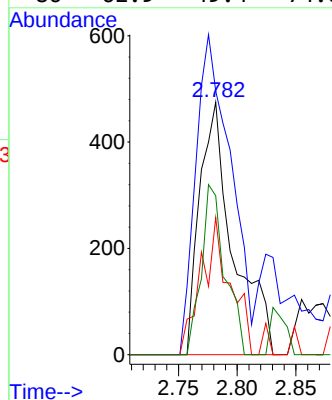
#20
Methylene Chloride
Concen: 0.613 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-6



Tgt Ion: 84 Resp: 947

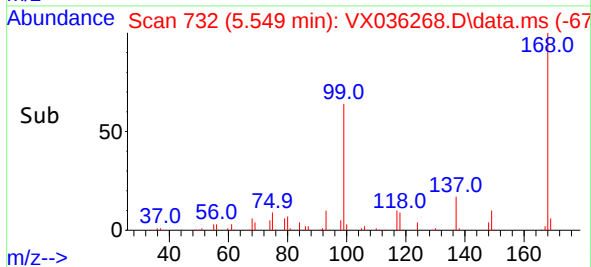
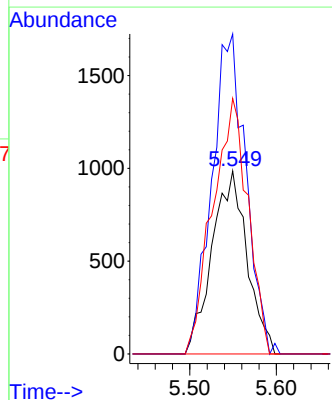
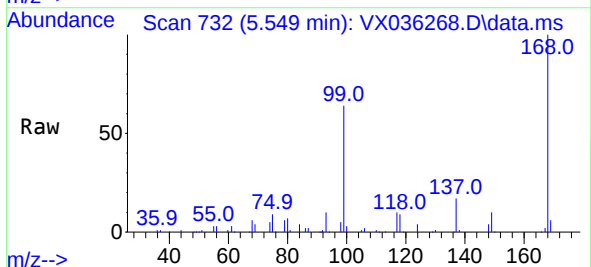
Ion	Ratio	Lower	Upper
84	100		
49	104.4	103.6	155.4
51	54.3	33.8	50.6#
86	62.9	49.4	74.0

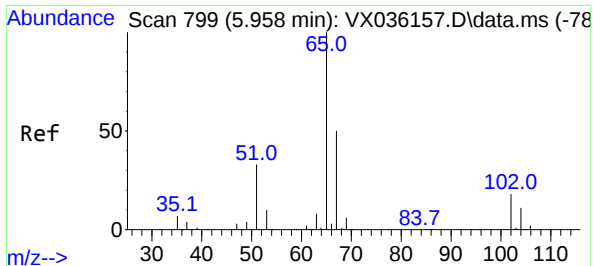


#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

Tgt Ion: 56 Resp: 2768

Ion	Ratio	Lower	Upper
56	100		
69	174.8	23.4	35.2#
84	139.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 56.347 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX036268.D

Acq: 21 Jun 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

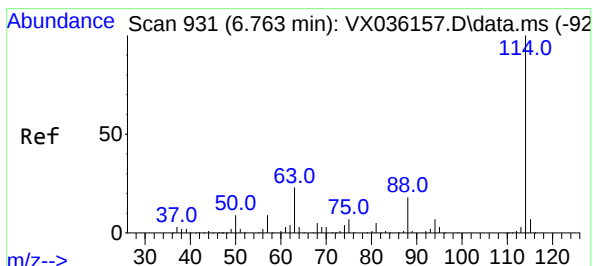
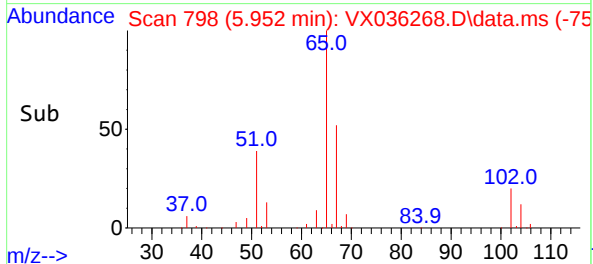
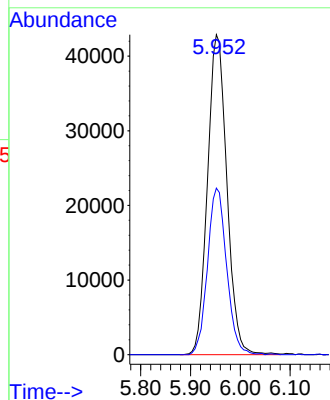
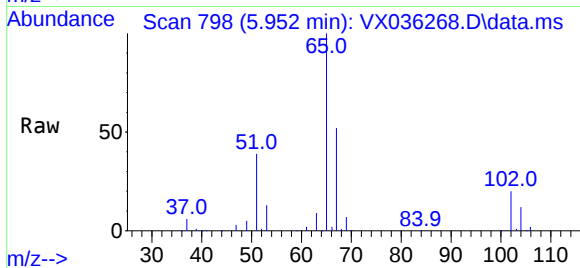
TOTAL-VOC-SB9-GRAB-6

Tgt Ion: 65 Resp: 115653

Ion Ratio Lower Upper

65 100

67 51.3 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: VX036268.D

Acq: 21 Jun 2023 14:11

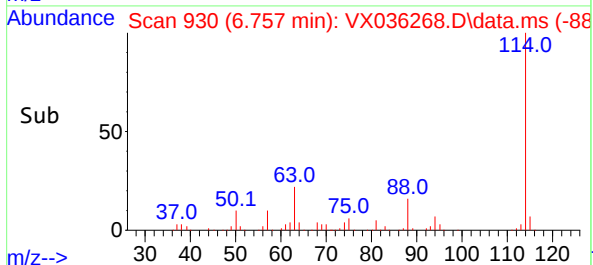
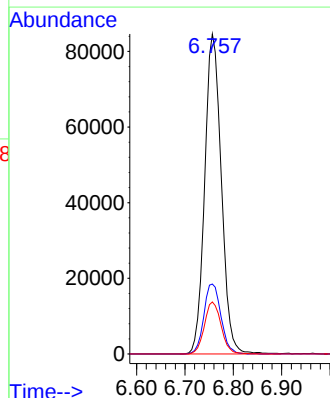
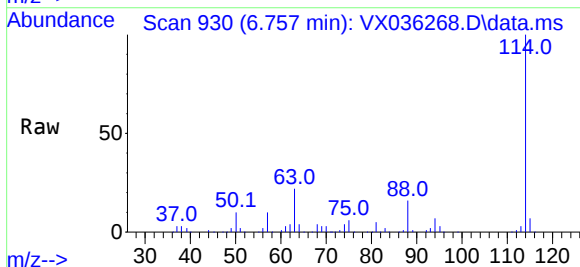
Tgt Ion: 114 Resp: 201974

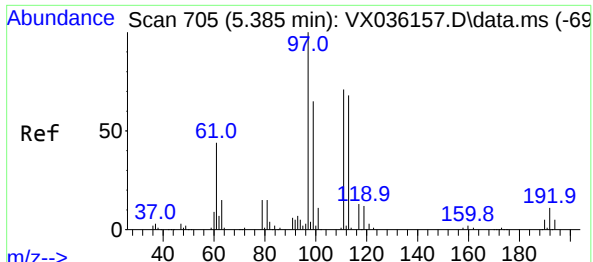
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

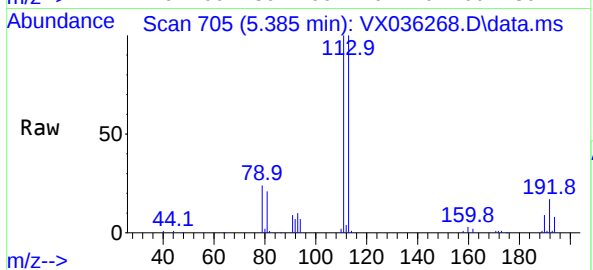
88 16.2 0.0 36.6



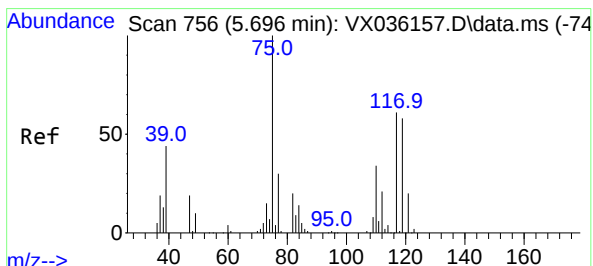
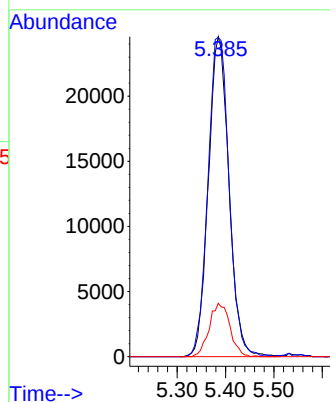
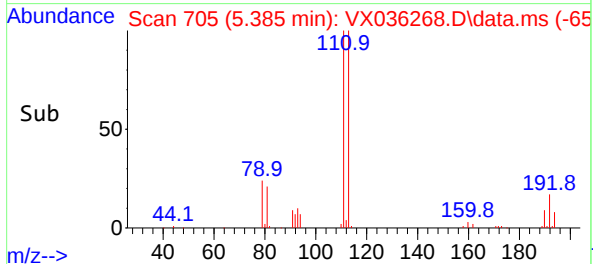


#35
Dibromofluoromethane
Concen: 53.035 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

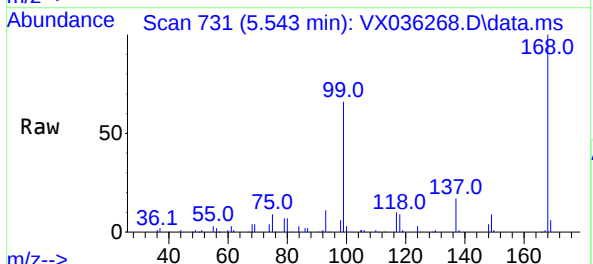
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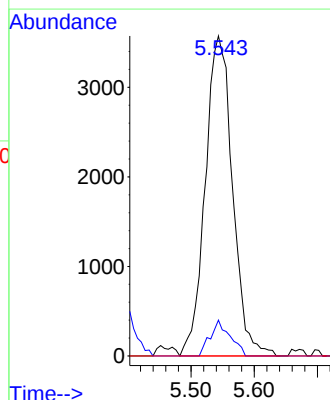
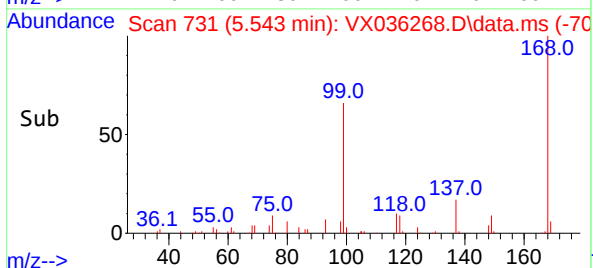
Tgt Ion:113 Resp: 72638
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 16.7 13.3 19.9

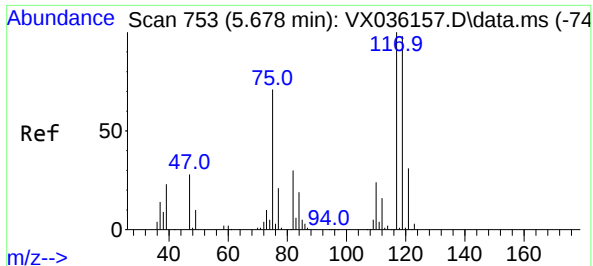


#36
1,1-Dichloropropene
Concen: 5.314 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.153 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11



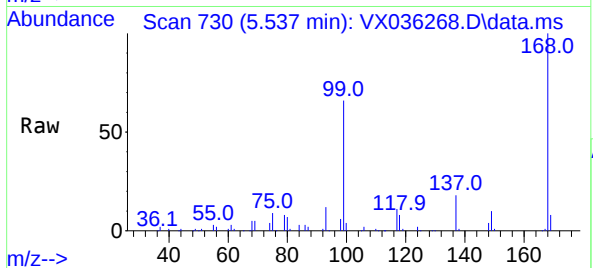
Tgt Ion: 75 Resp: 10722
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



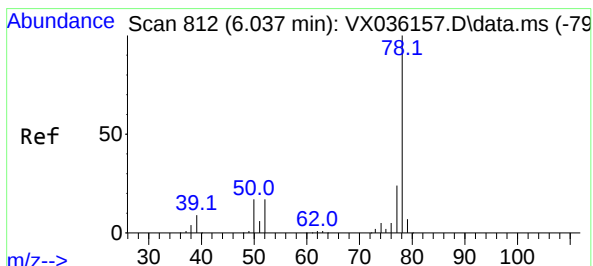
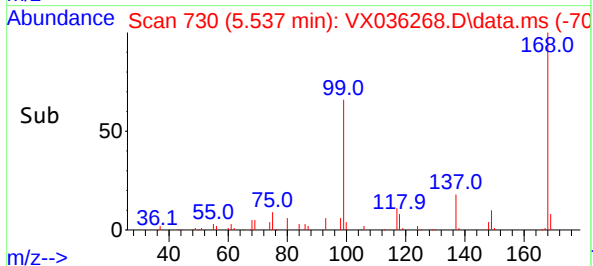
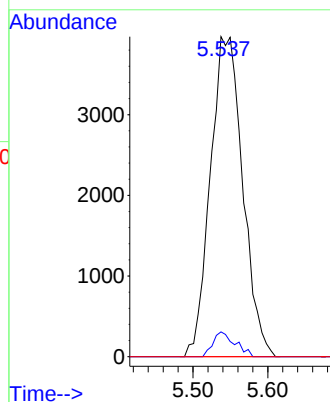


#38
Carbon Tetrachloride
Concen: 6.093 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-6

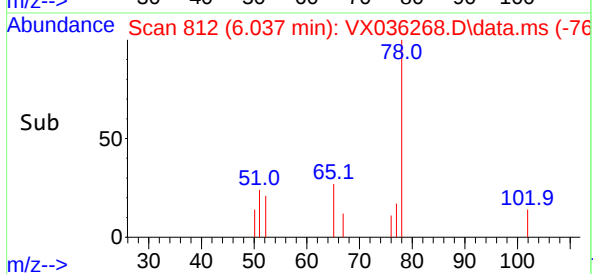
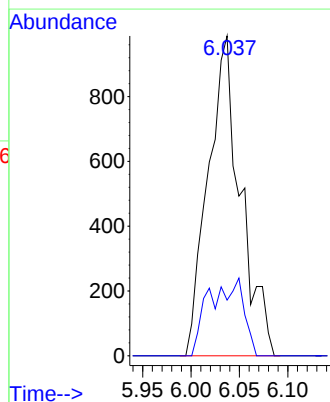
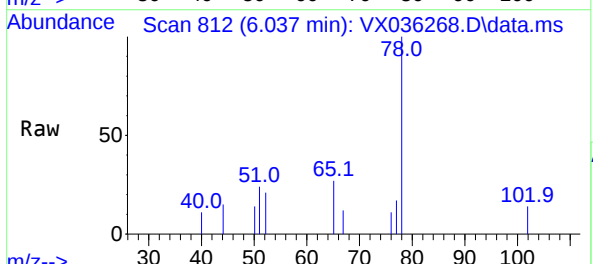


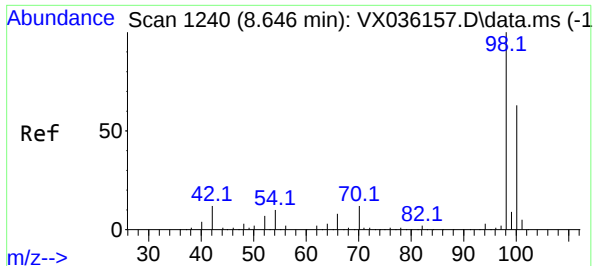
Tgt Ion:117 Resp: 11949
Ion Ratio Lower Upper
117 100
119 7.8 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.406 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

Tgt Ion: 78 Resp: 2302
Ion Ratio Lower Upper
78 100
77 17.4 19.3 28.9#





#50

Toluene-d8

Concen: 59.856 ug/l

RT: 8.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036268.D

Acq: 21 Jun 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

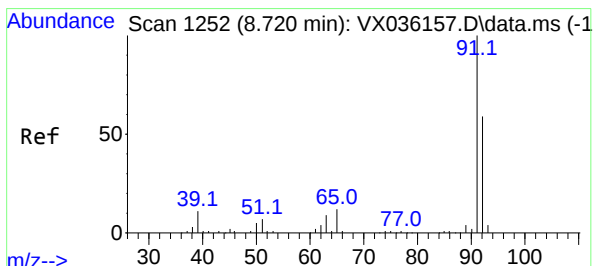
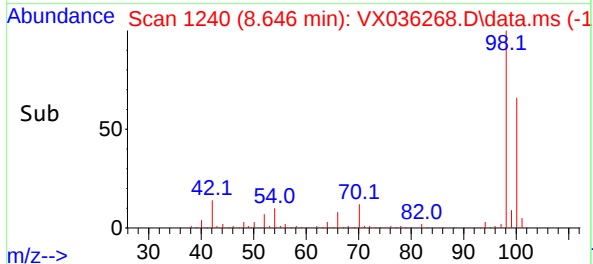
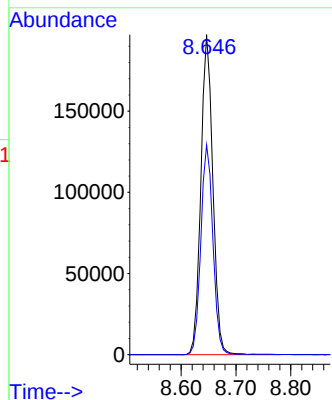
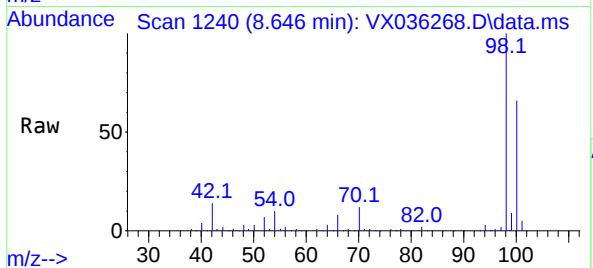
TOTAL-VOC-SB9-GRAB-6

Tgt Ion: 98 Resp: 299878

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#52

Toluene

Concen: 0.616 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036268.D

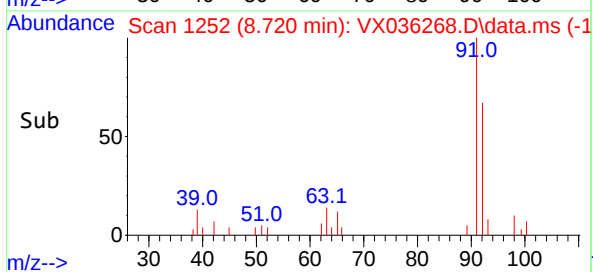
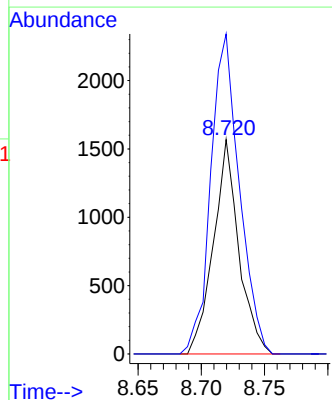
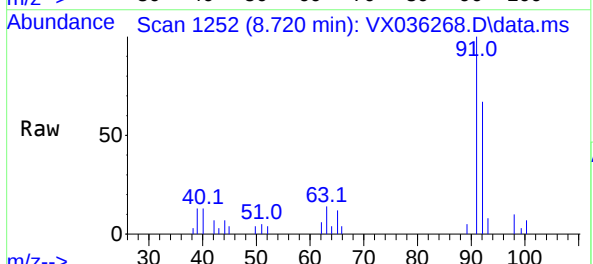
Acq: 21 Jun 2023 14:11

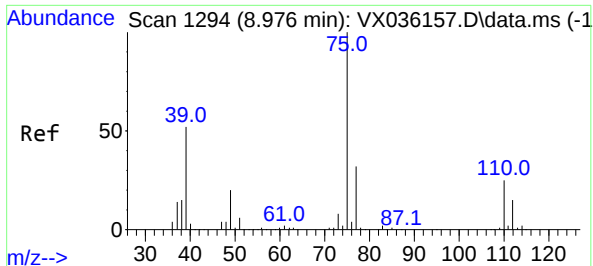
Tgt Ion: 92 Resp: 2187

Ion Ratio Lower Upper

92 100

91 168.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 5.363 ug/l

RT: 8.903 min Scan# 11

Delta R.T. -0.073 min

Lab File: VX036268.D

Acq: 21 Jun 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

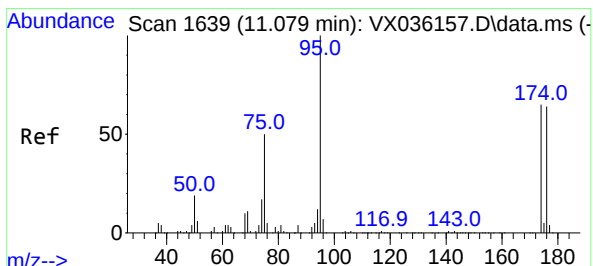
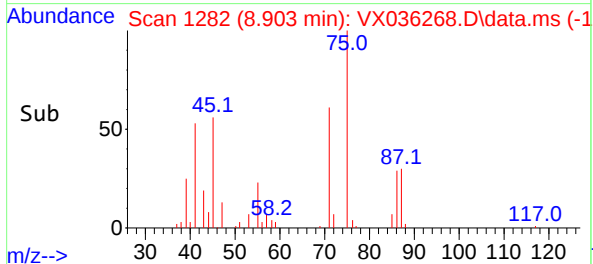
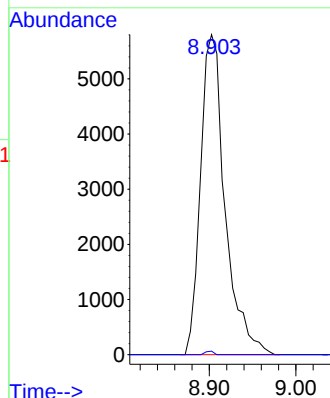
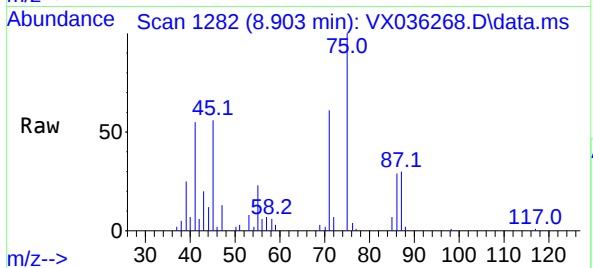
TOTAL-VOC-SB9-GRAB-6

Tgt Ion: 75 Resp: 11395

Ion Ratio Lower Upper

75 100

77 1.1 25.7 38.5#



#62

4-Bromofluorobenzene

Concen: 51.329 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX036268.D

Acq: 21 Jun 2023 14:11

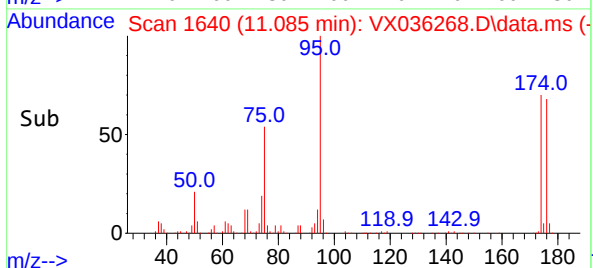
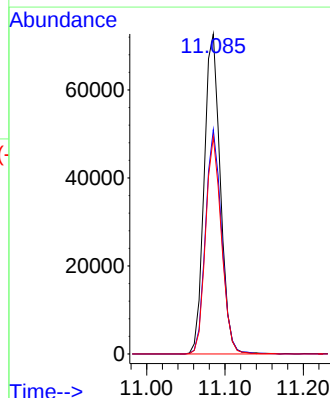
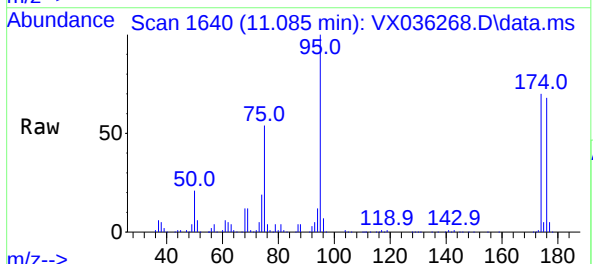
Tgt Ion: 95 Resp: 103804

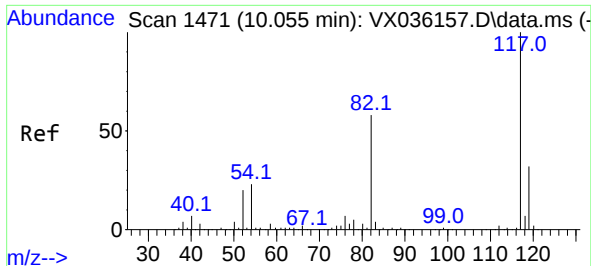
Ion Ratio Lower Upper

95 100

174 69.8 0.0 135.6

176 66.7 0.0 131.0

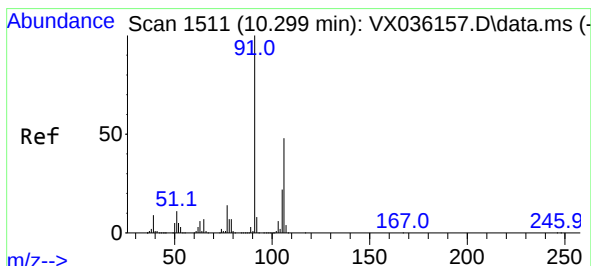
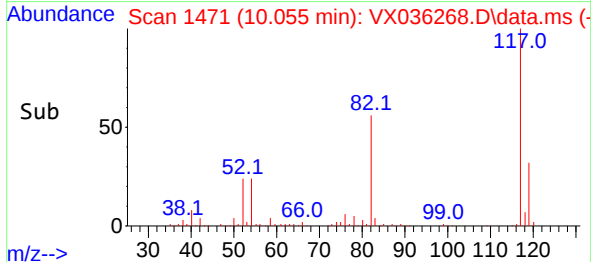
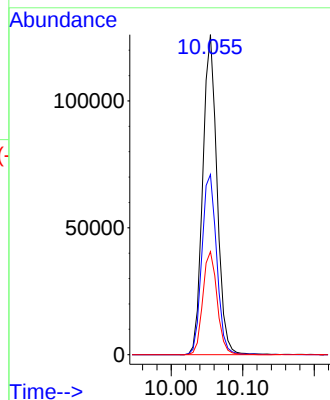
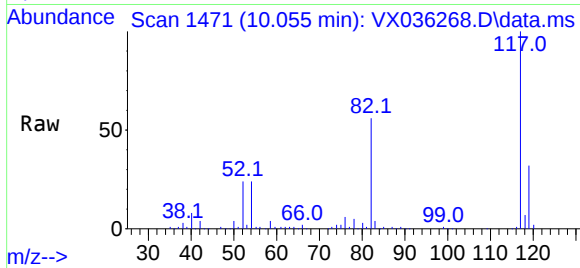




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

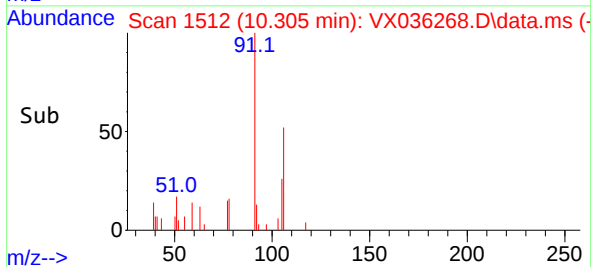
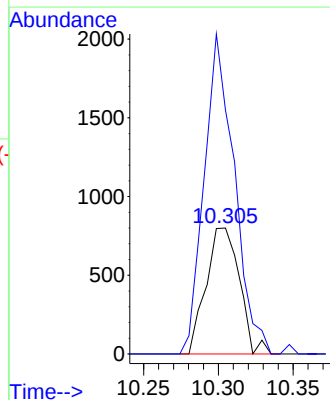
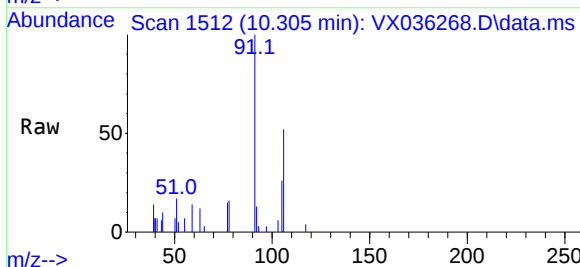
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-6

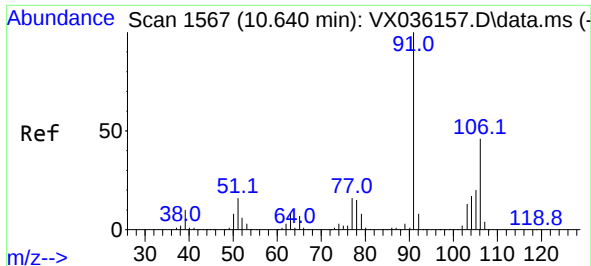
Tgt Ion:117 Resp: 174933
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 0.507 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

Tgt Ion:106 Resp: 1239
Ion Ratio Lower Upper
106 100
91 230.2 165.5 248.3

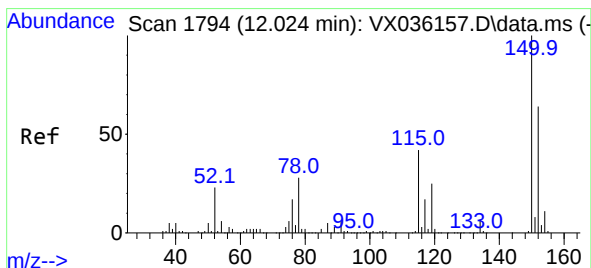
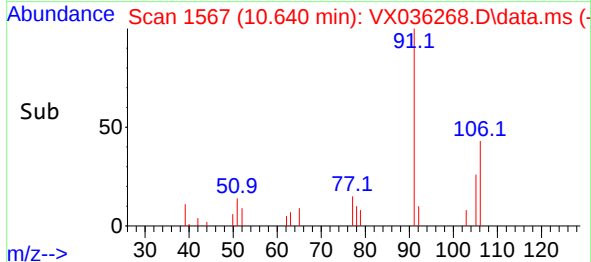
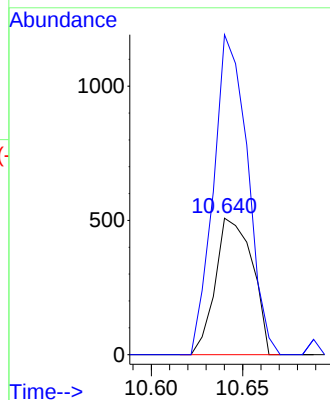
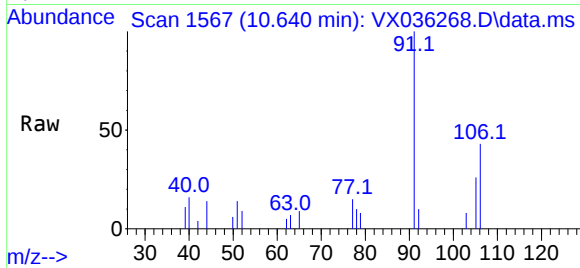




#69
o-Xylene
Concen: 0.298 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

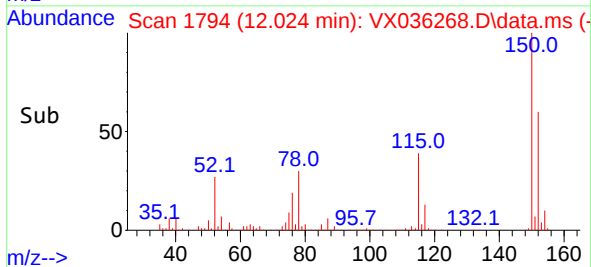
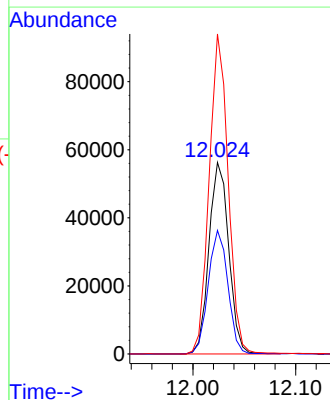
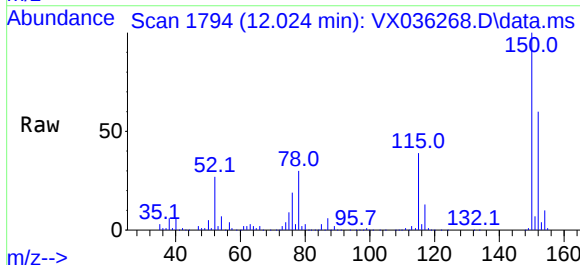
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-6

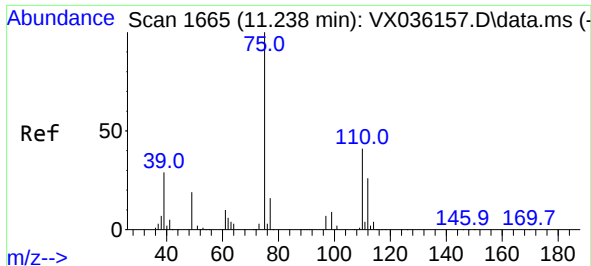
Tgt Ion:106 Resp: 717
Ion Ratio Lower Upper
106 100
91 216.0 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

Tgt Ion:152 Resp: 75166
Ion Ratio Lower Upper
152 100
115 64.2 43.3 129.9
150 161.0 0.0 345.0

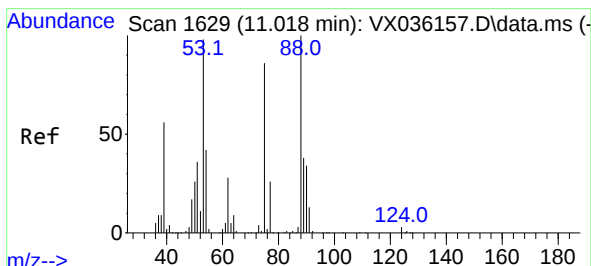
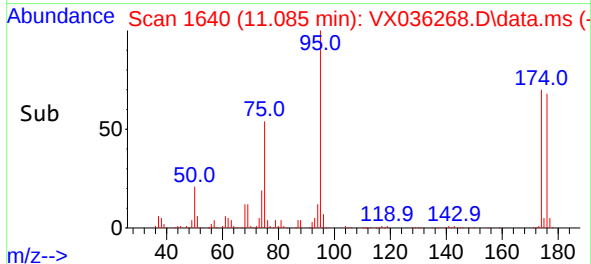
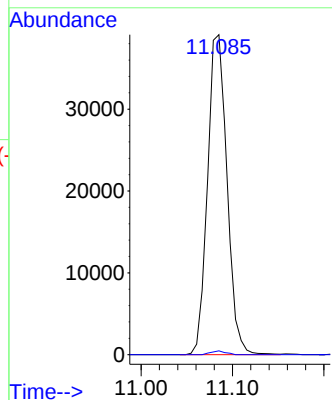
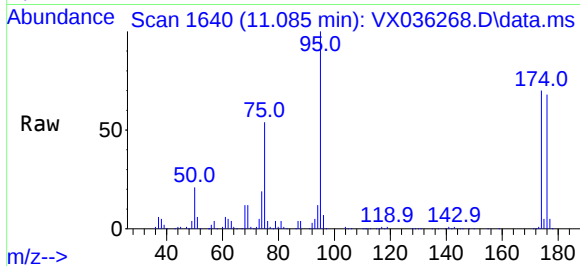




#76
1,2,3-Trichloropropane
Concen: 32.370 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

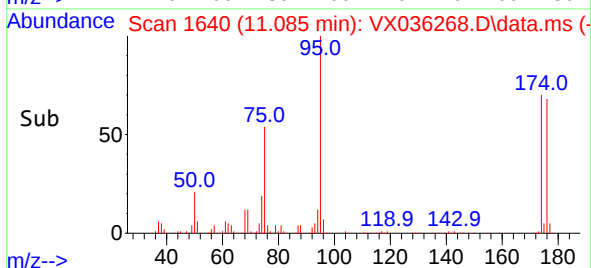
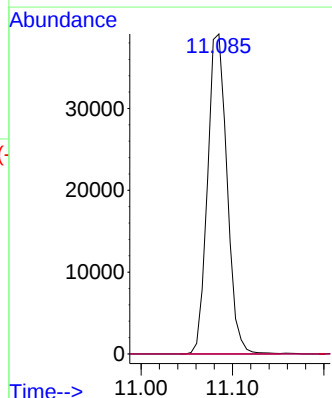
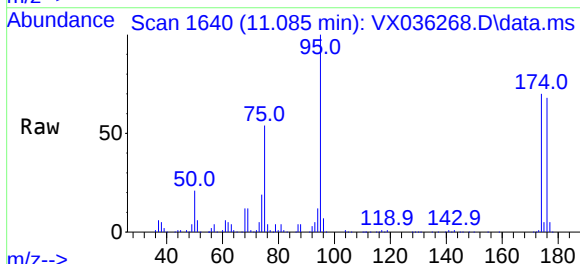
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-6

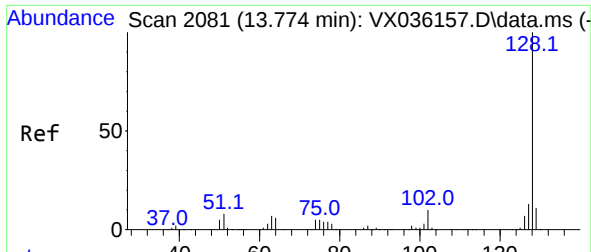
Tgt Ion: 75 Resp: 57744
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.300 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

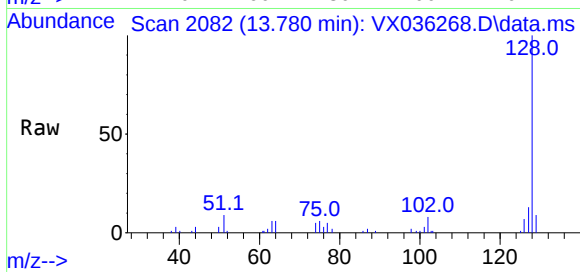
Tgt Ion: 75 Resp: 57744
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 2.548 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX036268.D
Acq: 21 Jun 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB9-GRAB-6



Tgt Ion:	128	Resp:	12186
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.3	15.5
129	10.4	8.8	13.2

