

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036272.D
 Acq On : 21 Jun 2023 15:45
 Operator : JC/MD
 Sample : 03331-30
 Misc : 18.21g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB18-27-GRAB-5

Quant Time: Jun 22 05:02:17 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)

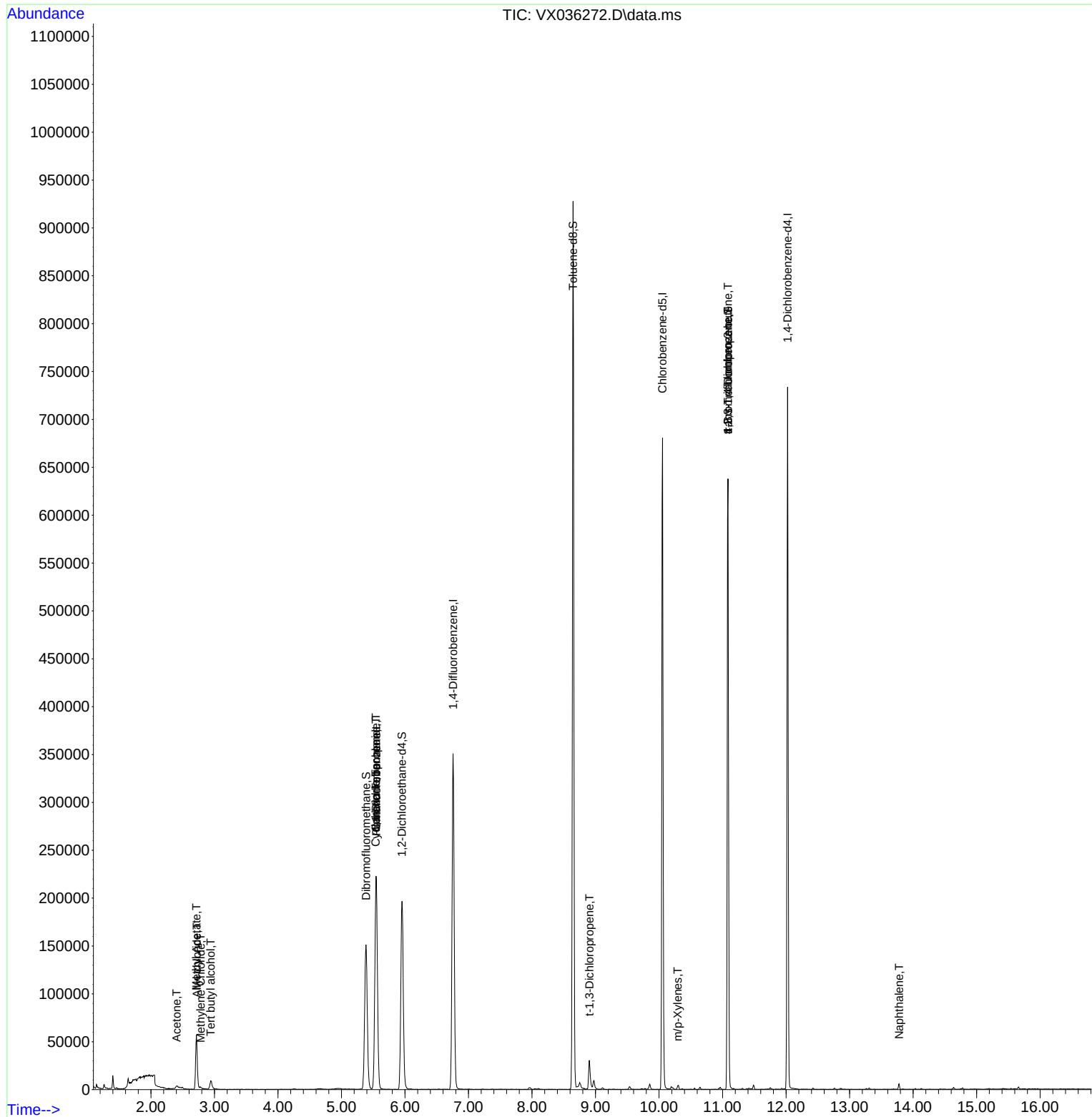
Internal Standards						
1) Pentafluorobenzene	5.550	168	200669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	339239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186888	50.963	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.920%	
35) Dibromofluoromethane	5.385	113	130824	56.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.740%	
50) Toluene-d8	8.647	98	511648	60.803	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 121.600%#	
62) 4-Bromofluorobenzene	11.085	95	184580	54.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	5705	10.176	ug/l #	78
14) Allyl chloride	2.721	41	1076	0.245	ug/l #	24
16) Acetone	2.404	43	4487	2.945	ug/l	92
18) Methyl Acetate	2.715	43	69967	12.109	ug/l	99
20) Methylene Chloride	2.782	84	858	0.311	ug/l	85
31) Cyclohexane	5.538	56	5102	1.297	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	18473	5.451	ug/l #	49
38) Carbon Tetrachloride	5.544	117	21503	6.528	ug/l #	17
53) t-1,3-Dichloropropene	8.903	75	11626	3.258	ug/l #	43
68) m/p-Xylenes	10.293	106	949	0.230	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	101694	31.167	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	101694	109.091	ug/l #	5
95) Naphthalene	13.780	128	3955	0.452	ug/l #	94

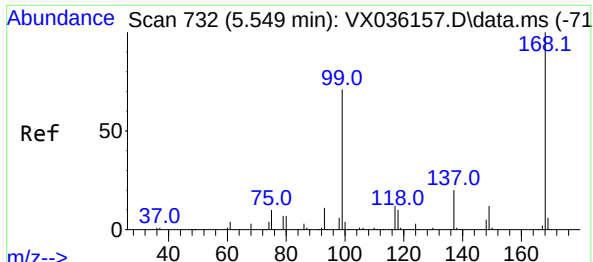
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TOTAL-VOC-SB18-27-GRAB-5

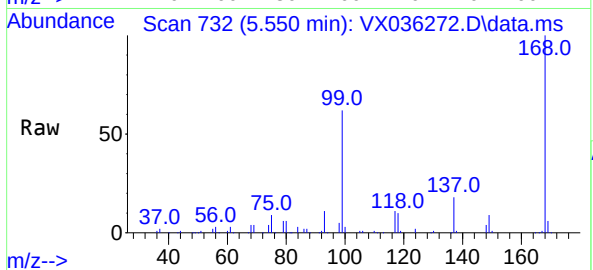
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration



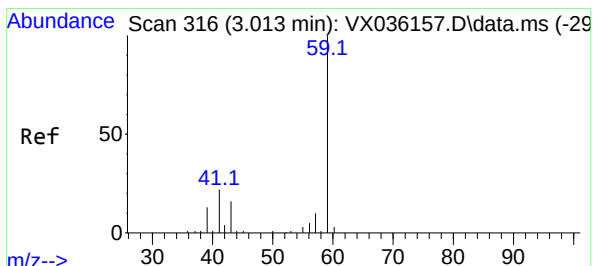
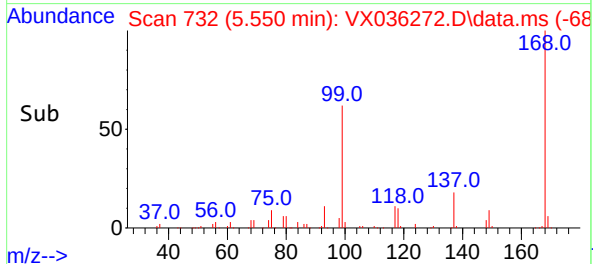
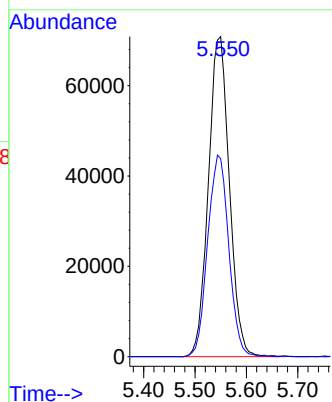


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB18-27-GRAB-5

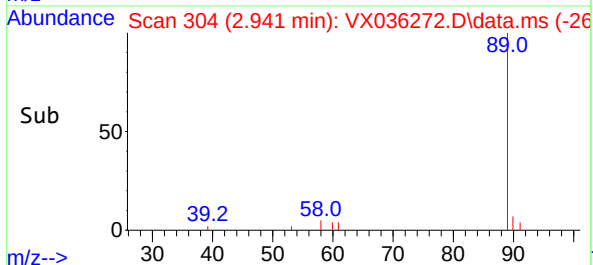
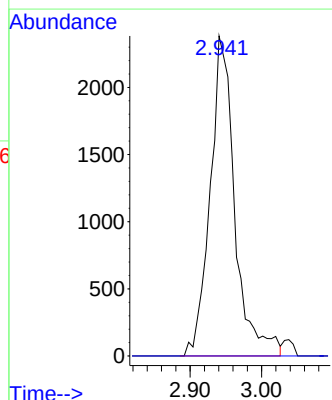
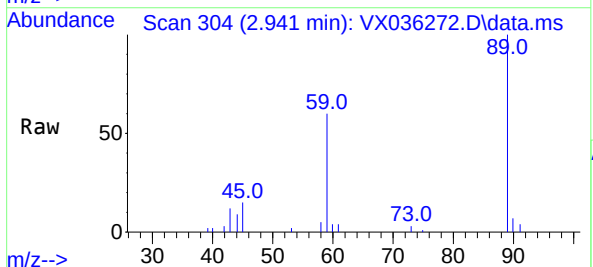


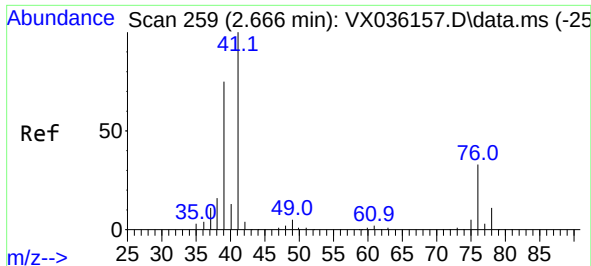
Tgt Ion:168 Resp: 200669
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 10.176 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.072 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

Tgt Ion: 59 Resp: 5705
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

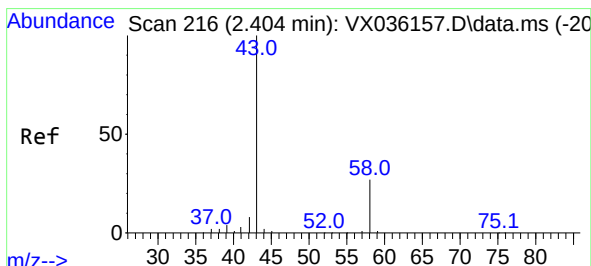
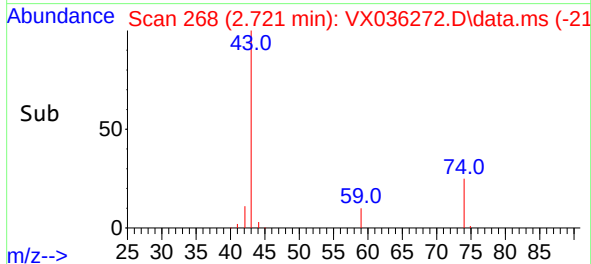
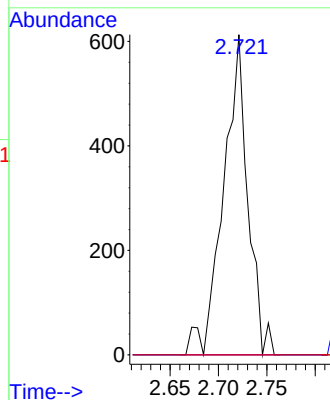
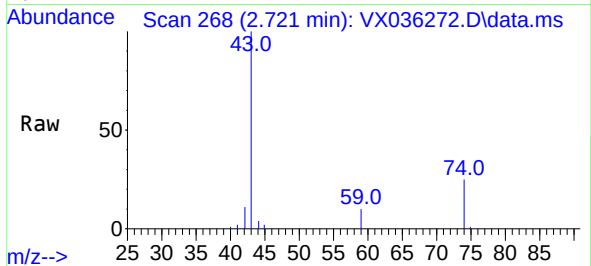




#14
 Allyl chloride
 Concen: 0.245 ug/l
 RT: 2.721 min Scan# 216
 Delta R.T. 0.055 min
 Lab File: VX036272.D
 Acq: 21 Jun 2023 15:45

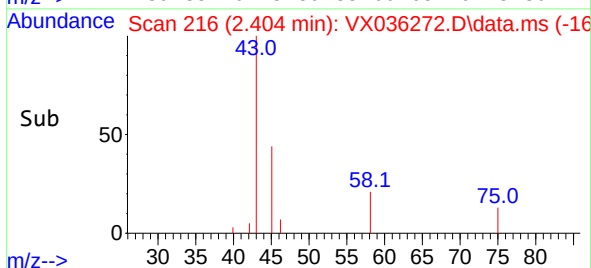
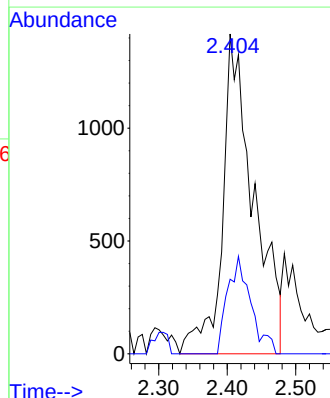
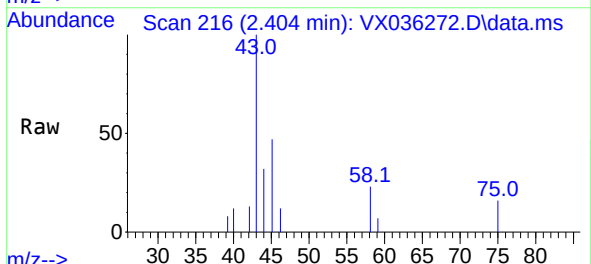
Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB18-27-GRAB-5

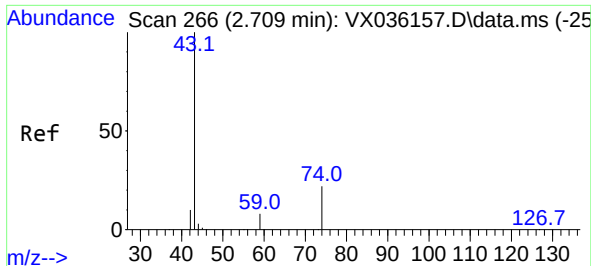
Tgt Ion: 41 Resp: 1076
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 2.945 ug/l
 RT: 2.404 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VX036272.D
 Acq: 21 Jun 2023 15:45

Tgt Ion: 43 Resp: 4487
 Ion Ratio Lower Upper
 43 100
 58 23.3 21.9 32.9





#18

Methyl Acetate

Concen: 12.109 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX036272.D

Acq: 21 Jun 2023 15:45

Instrument :

MSVOA_X

ClientSampleId :

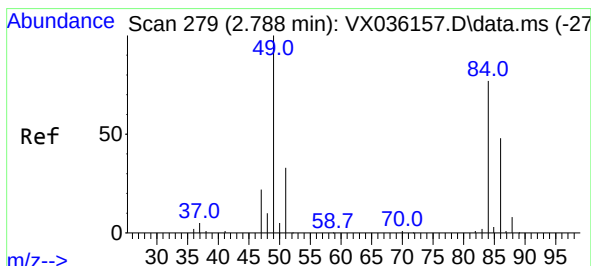
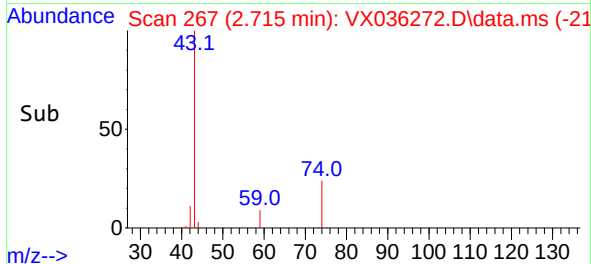
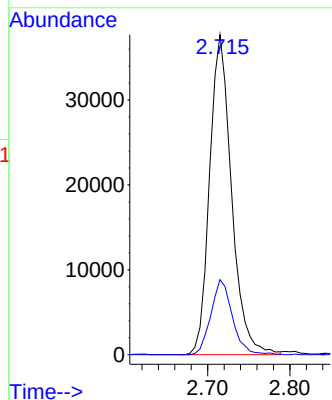
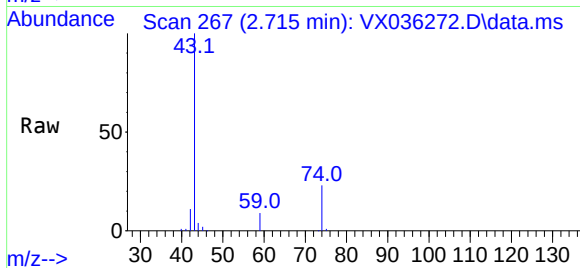
TOTAL-VOC-SB18-27-GRAB-5

Tgt Ion: 43 Resp: 69967

Ion Ratio Lower Upper

43 100

74 23.0 17.8 26.8



#20

Methylene Chloride

Concen: 0.311 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX036272.D

Acq: 21 Jun 2023 15:45

Tgt Ion: 84 Resp: 858

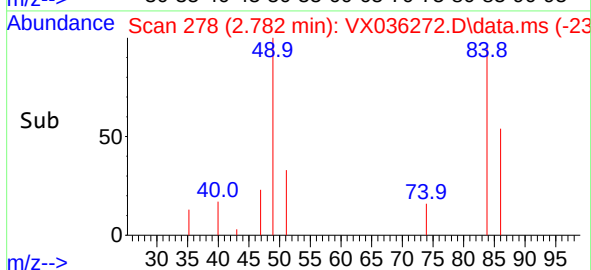
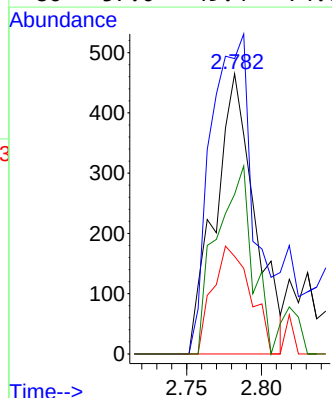
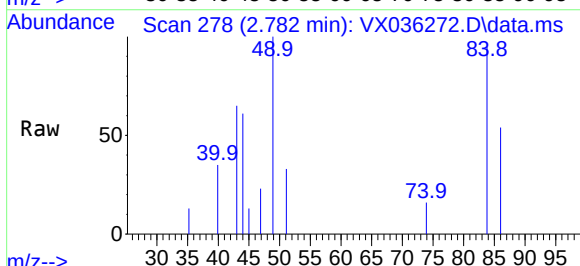
Ion Ratio Lower Upper

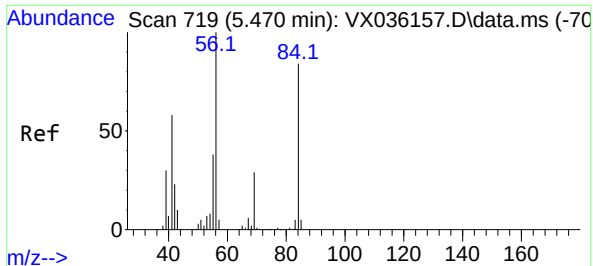
84 100

49 105.4 103.6 155.4

51 34.8 33.8 50.6

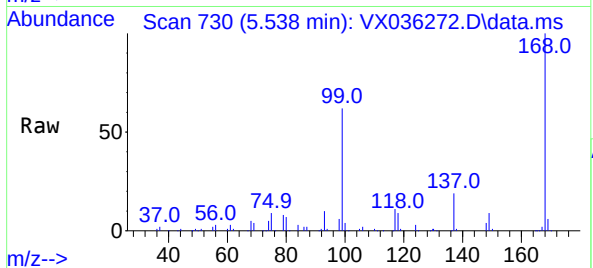
86 57.0 49.4 74.0



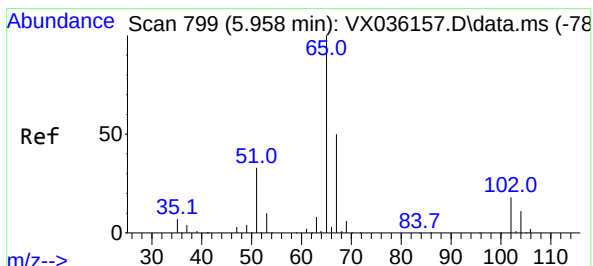
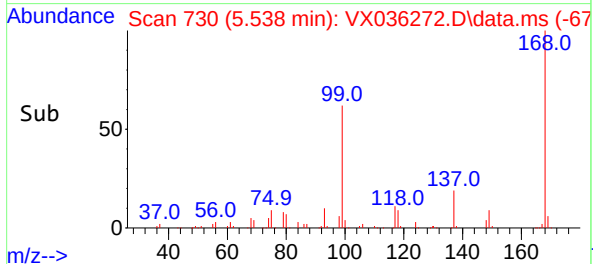
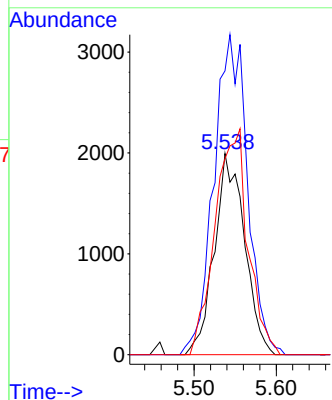


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.068 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB18-27-GRAB-5

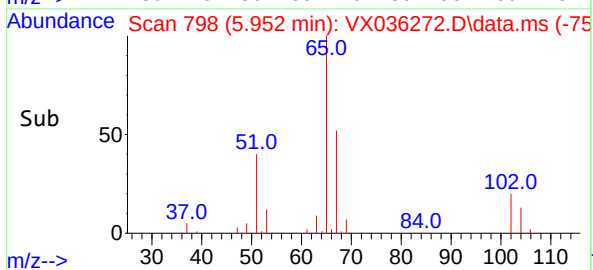
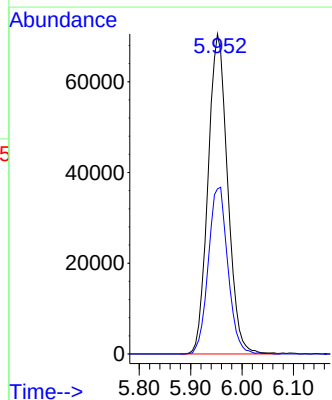
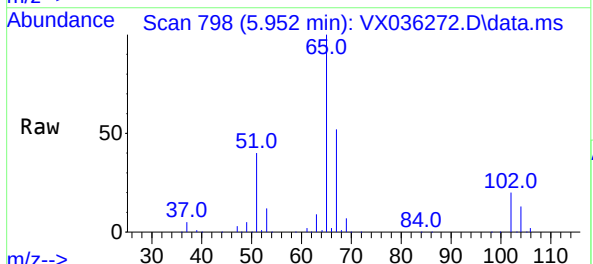


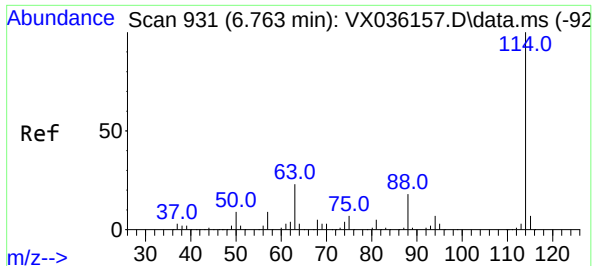
Tgt Ion: 56 Resp: 5102
Ion Ratio Lower Upper
56 100
69 141.1 23.4 35.2#
84 97.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 50.963 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

Tgt Ion: 65 Resp: 186888
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

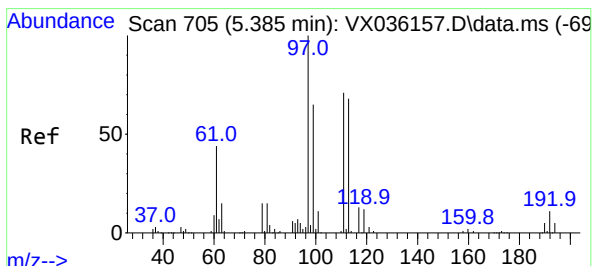
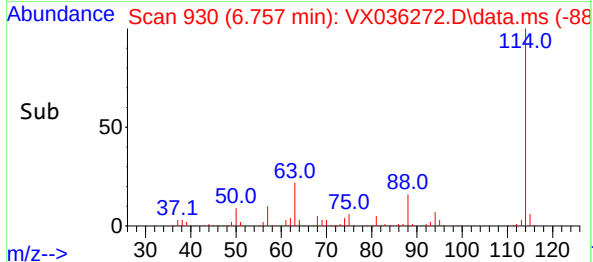
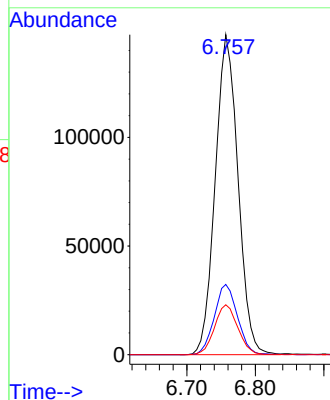
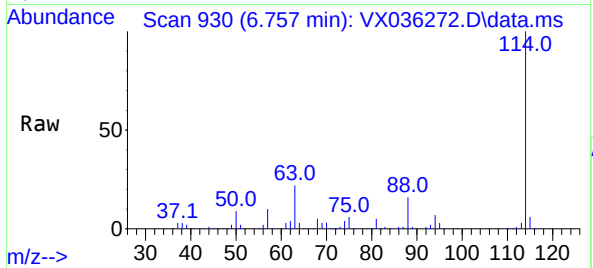




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

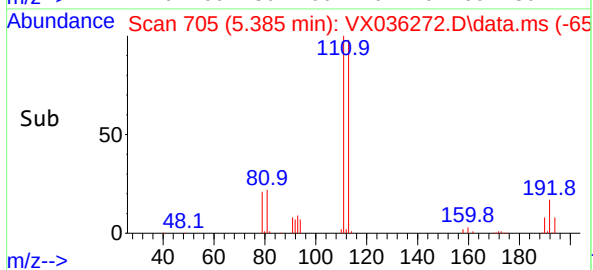
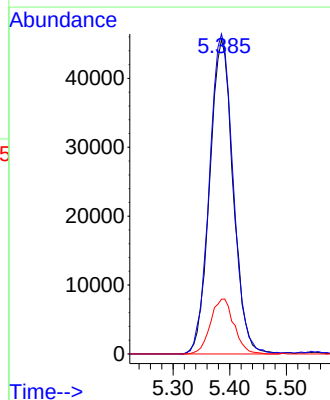
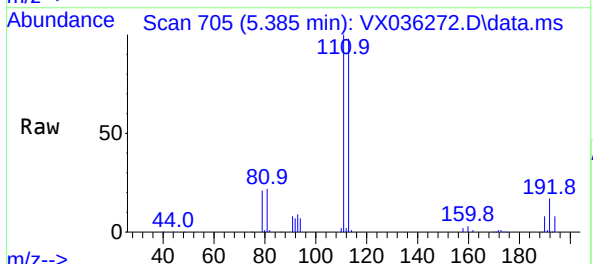
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB18-27-GRAB-5

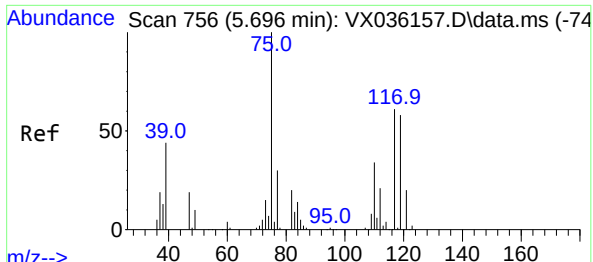
Tgt Ion:114 Resp: 339239
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 56.869 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

Tgt Ion:113 Resp: 130824
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 17.6 13.3 19.9

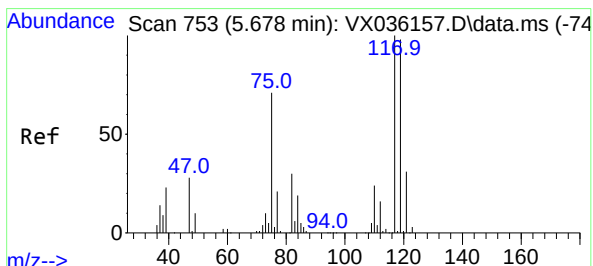
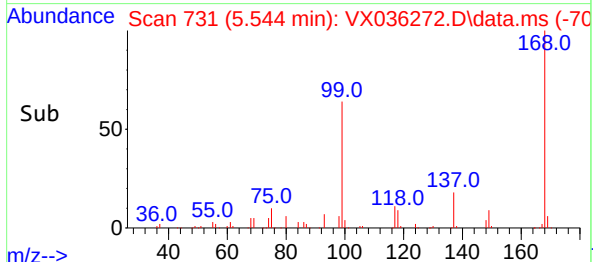
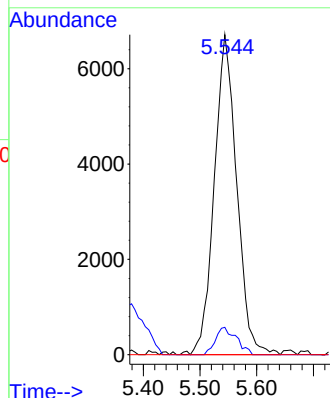
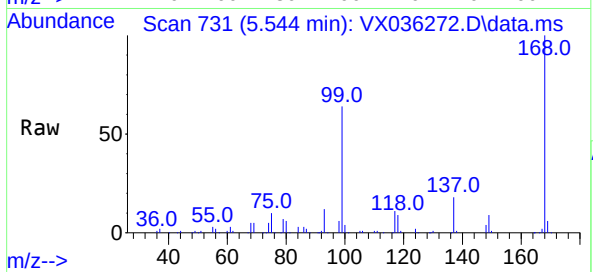




#36
1,1-Dichloropropene
Concen: 5.451 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

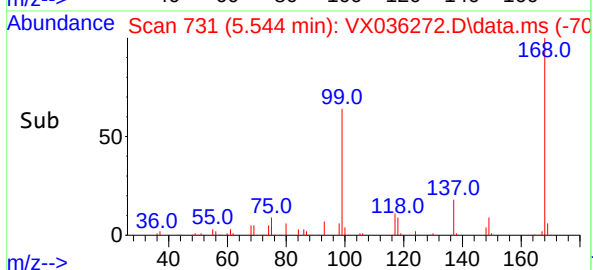
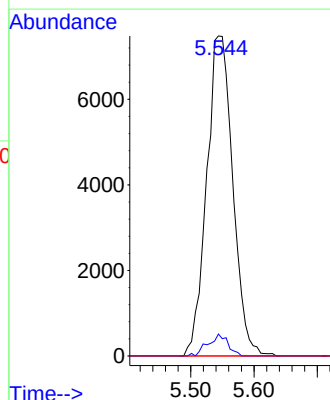
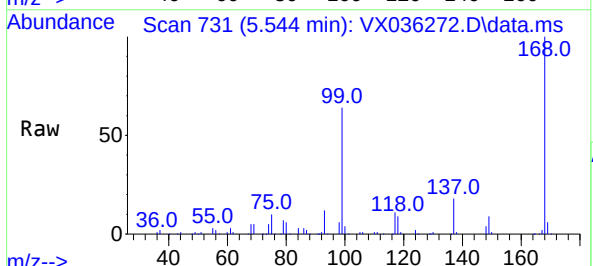
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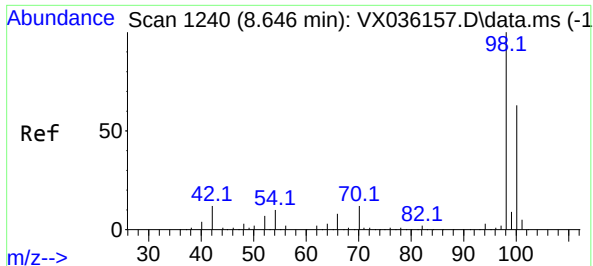
Tgt Ion: 75 Resp: 18473
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.528 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

Tgt Ion: 117 Resp: 21503
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 60.803 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX036272.D

Acq: 21 Jun 2023 15:45

Instrument :

MSVOA_X

ClientSampleId :

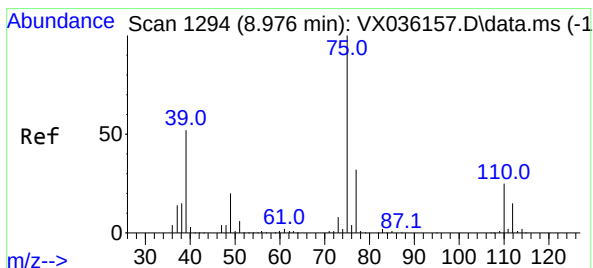
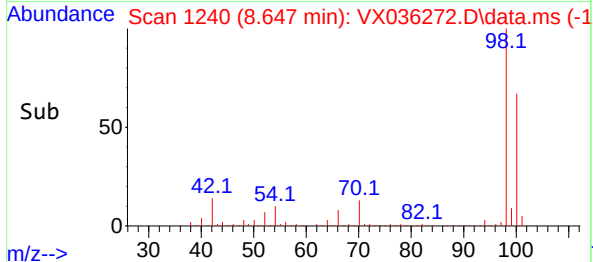
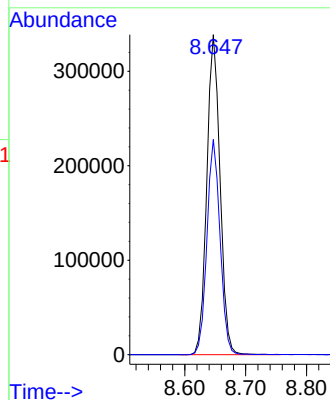
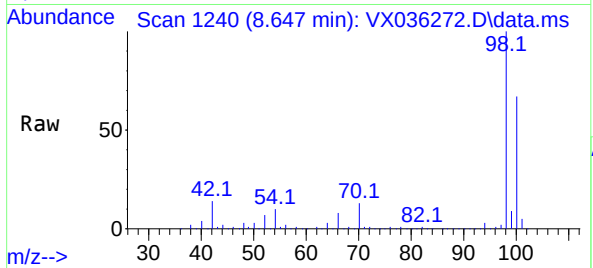
TOTAL-VOC-SB18-27-GRAB-5

Tgt Ion: 98 Resp: 511648

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#53

t-1,3-Dichloropropene

Concen: 3.258 ug/l

RT: 8.903 min Scan# 1282

Delta R.T. -0.073 min

Lab File: VX036272.D

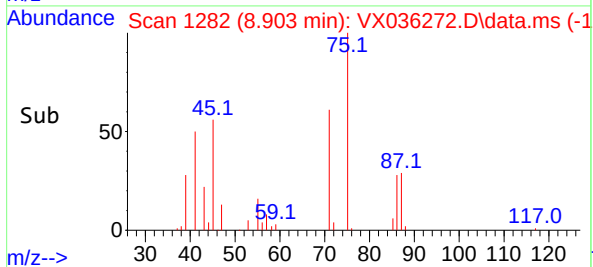
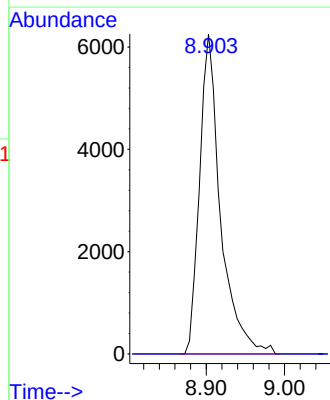
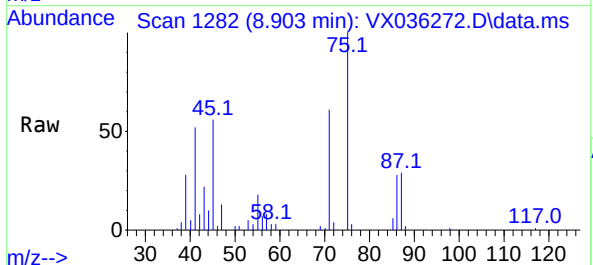
Acq: 21 Jun 2023 15:45

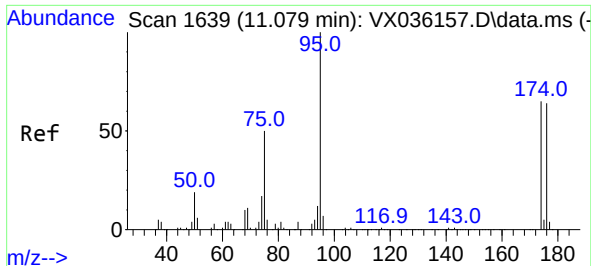
Tgt Ion: 75 Resp: 11626

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

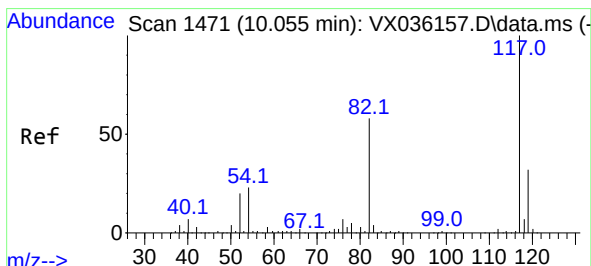
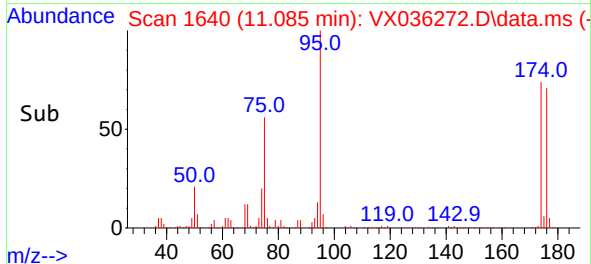
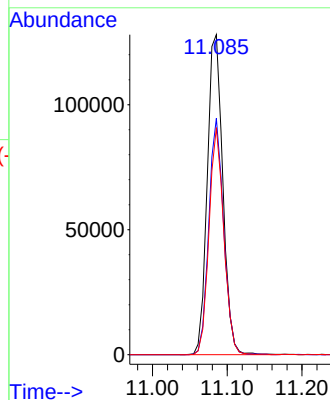
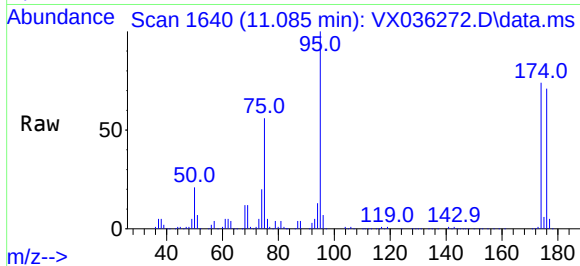




#62
4-Bromofluorobenzene
Concen: 54.341 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

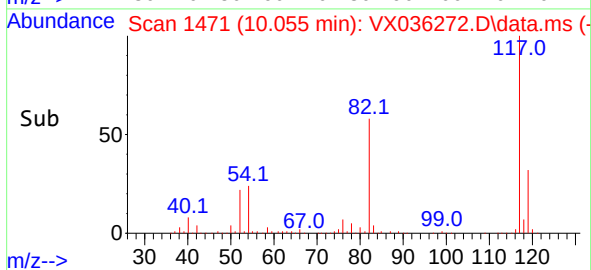
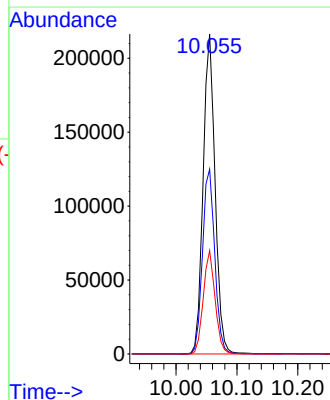
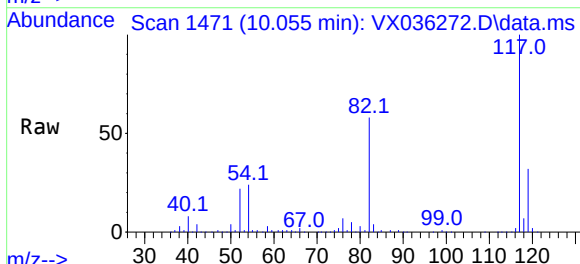
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB18-27-GRAB-5

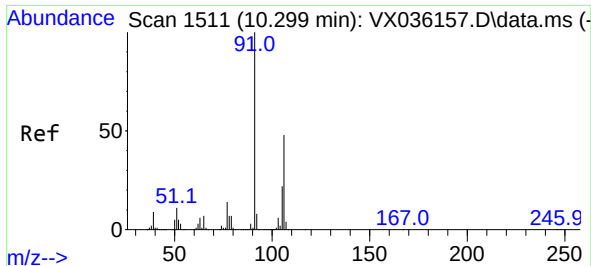
Tgt Ion: 95 Resp: 184580
Ion Ratio Lower Upper
95 100
174 70.8 0.0 135.6
176 67.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

Tgt Ion: 117 Resp: 295902
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.3 25.5 38.3

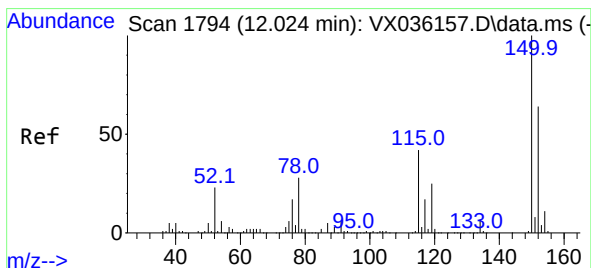
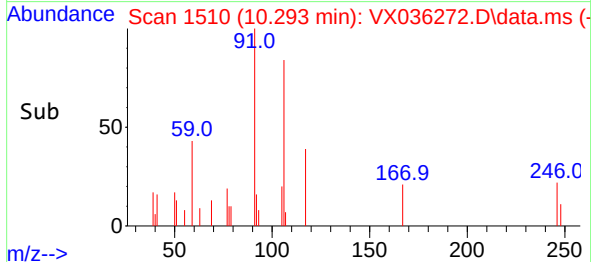
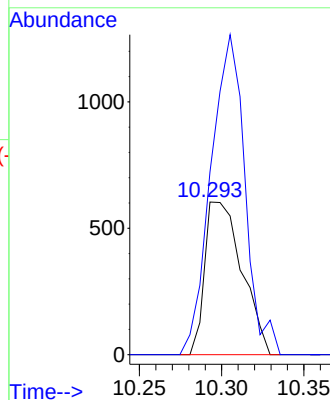
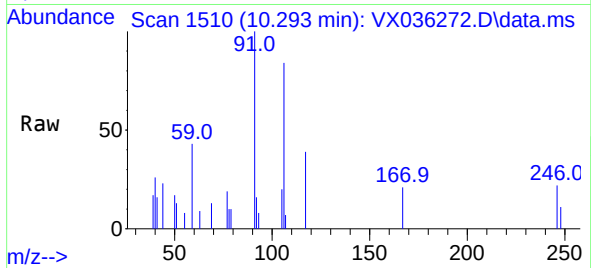




#68
m/p-Xylenes
Concen: 0.230 ug/l
RT: 10.293 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

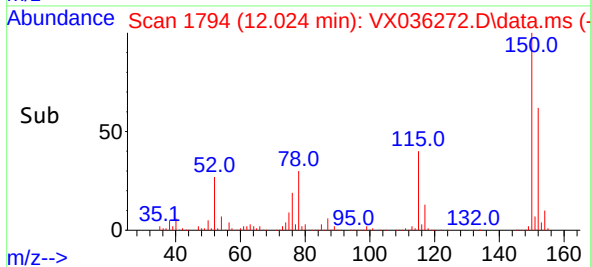
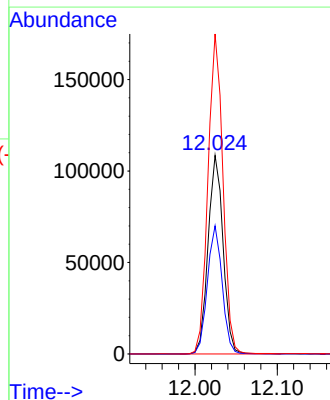
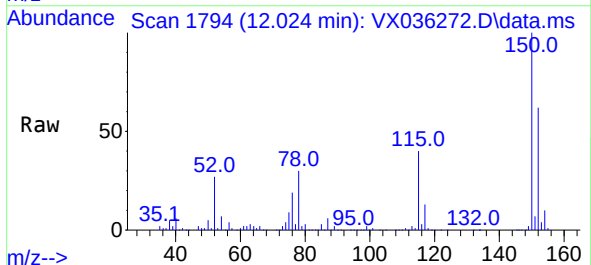
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB18-27-GRAB-5

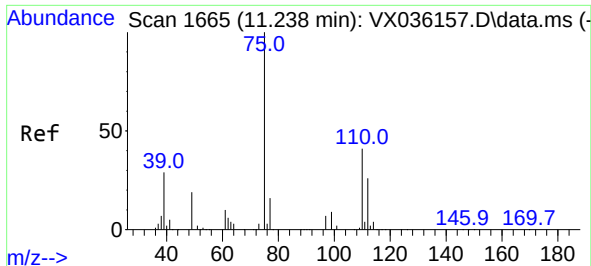
Tgt Ion:106 Resp: 949
Ion Ratio Lower Upper
106 100
91 192.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

Tgt Ion:152 Resp: 137484
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 160.4 0.0 345.0

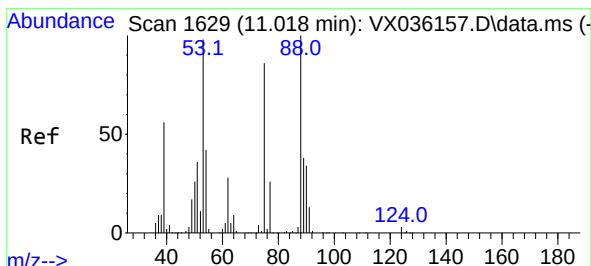
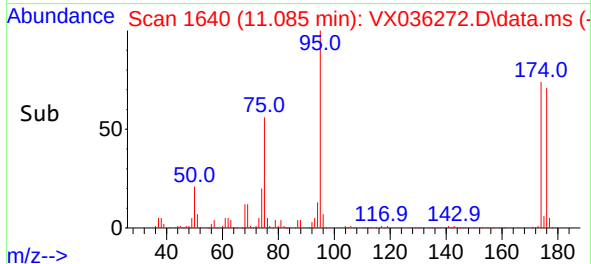
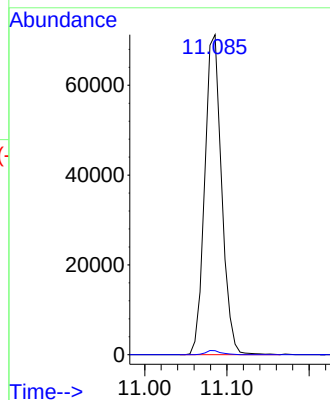
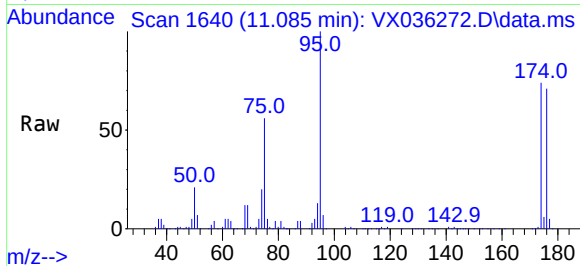




#76
1,2,3-Trichloropropane
Concen: 31.167 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

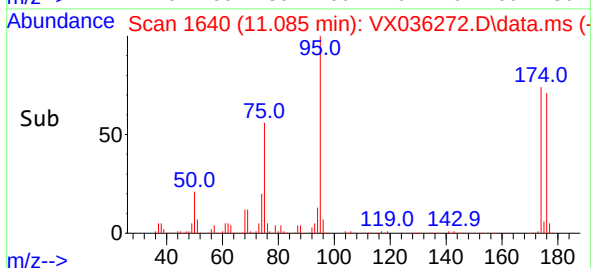
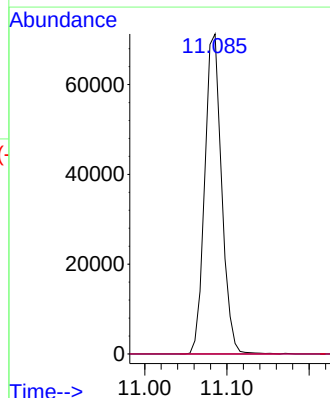
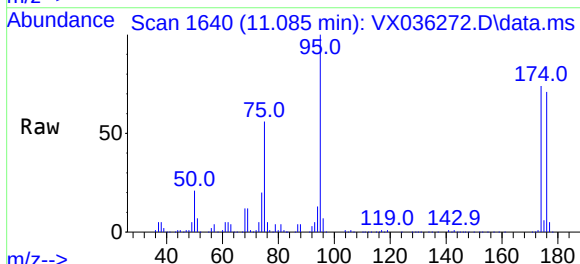
Instrument : MSVOA_X
ClientSampleId : TOTAL-VOC-SB18-27-GRAB-5

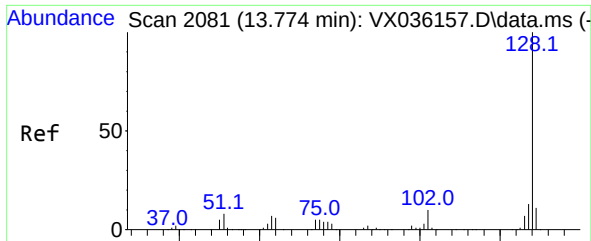
Tgt Ion: 75 Resp: 101694
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.091 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

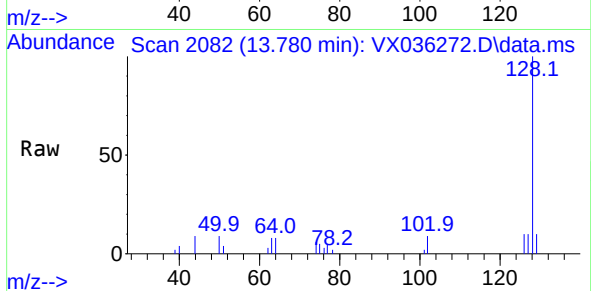
Tgt Ion: 75 Resp: 101694
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.452 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036272.D
Acq: 21 Jun 2023 15:45

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB18-27-GRAB-5



Tgt Ion:128 Resp: 3955
Ion Ratio Lower Upper
128 100
127 9.9 10.3 15.5#
129 9.6 8.8 13.2

