

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036270.D
 Acq On : 21 Jun 2023 14:58
 Operator : JC/MD
 Sample : 03331-24
 Misc : 12.63g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB30-35-GRAB-5

Quant Time: Jun 22 05:02:00 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)

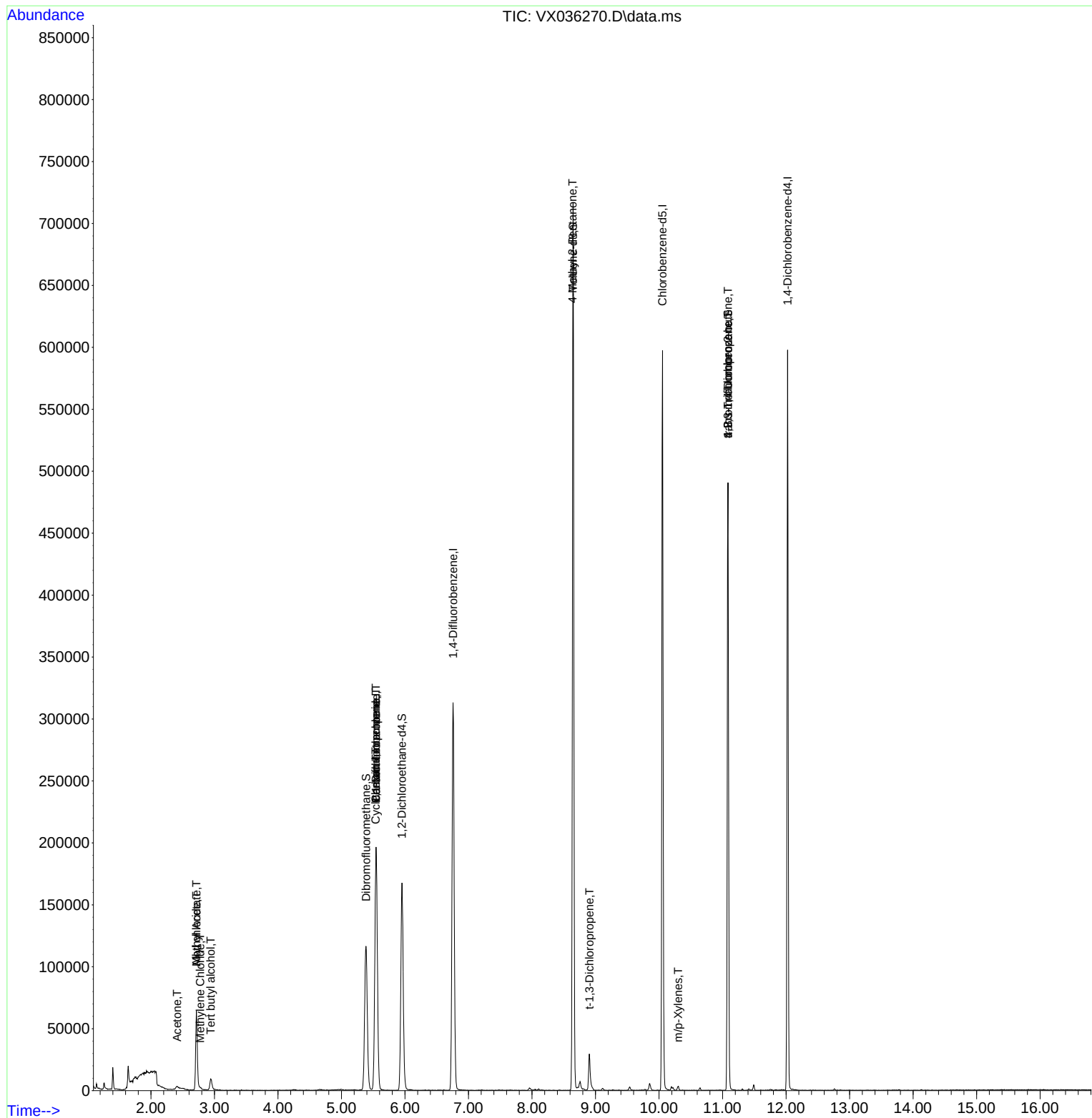
Internal Standards						
1) Pentafluorobenzene	5.544	168	175234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	309492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157198	49.089	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.180%
35) Dibromofluoromethane	5.385	113	102445	48.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.620%
50) Toluene-d8	8.647	98	396819	51.690	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.380%
62) 4-Bromofluorobenzene	11.085	95	143892	46.434	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	6062	12.382	ug/l #	78
14) Allyl chloride	2.715	41	1434	0.375	ug/l #	28
16) Acetone	2.410	43	2498	1.878	ug/l	91
18) Methyl Acetate	2.715	43	80657	15.985	ug/l	99
20) Methylene Chloride	2.776	84	804	0.334	ug/l #	80
31) Cyclohexane	5.537	56	4189	1.219	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	16168	5.230	ug/l #	50
38) Carbon Tetrachloride	5.544	117	18626	6.198	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	2315	0.665	ug/l #	1
53) t-1,3-Dichloropropene	8.903	75	11451	3.517	ug/l #	43
68) m/p-Xylenes	10.299	106	820	0.226	ug/l	86
76) 1,2,3-Trichloropropane	11.085	75	78074	29.092	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	78074	101.827	ug/l #	5

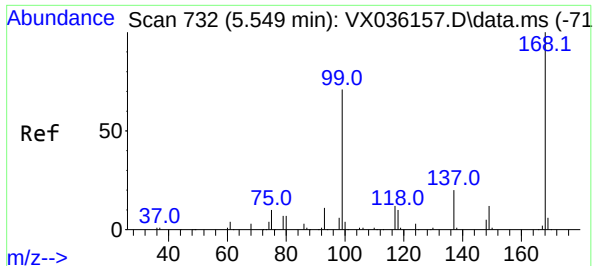
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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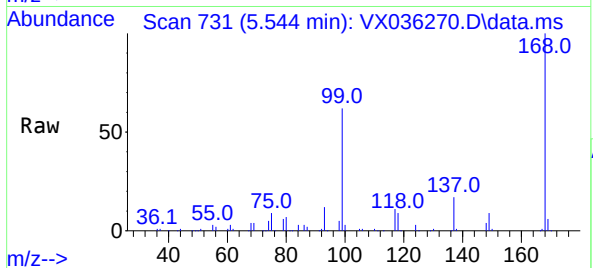
Quant Time: Jun 22 05:02:00 2023
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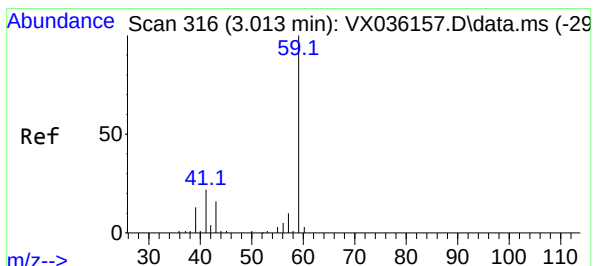
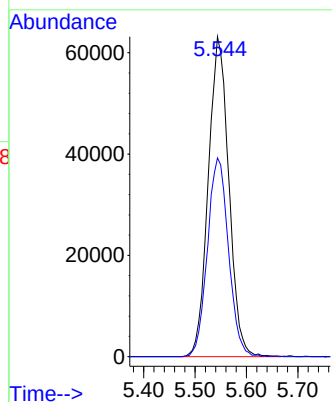


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB30-35-GRAB-5

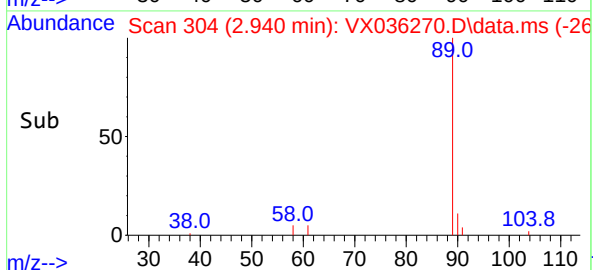
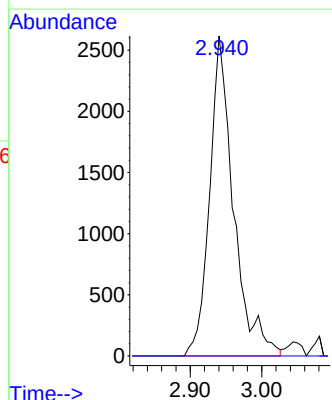
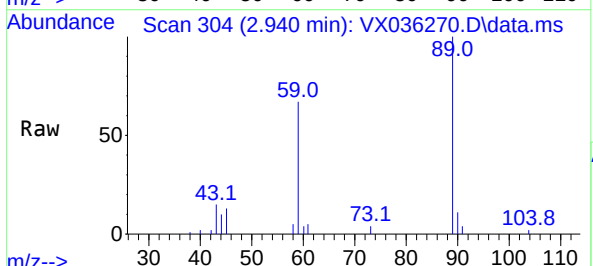


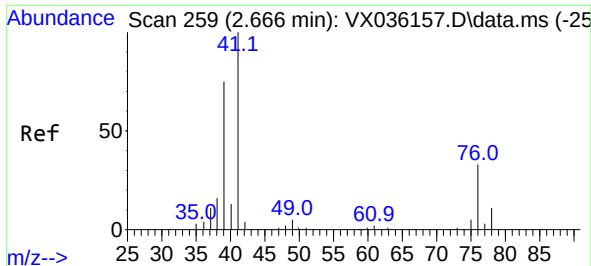
Tgt Ion:168 Resp: 175234
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 12.382 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.073 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

Tgt Ion: 59 Resp: 6062
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#14

Allyl chloride

Concen: 0.375 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.049 min

Lab File: VX036270.D

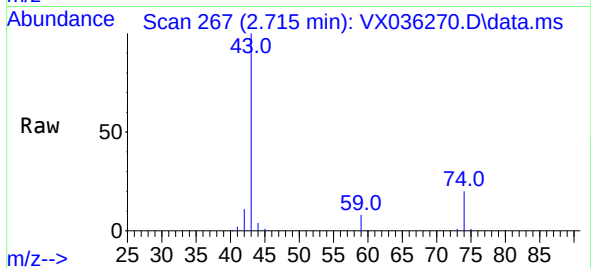
Acq: 21 Jun 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-SB30-35-GRAB-5



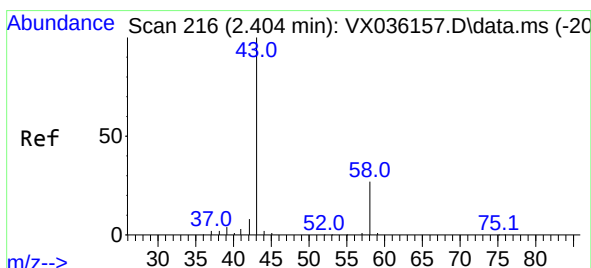
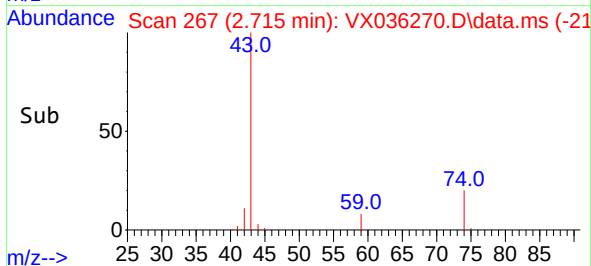
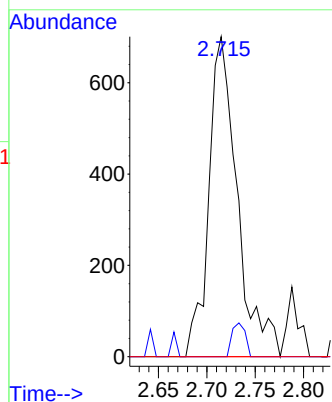
Tgt Ion: 41 Resp: 1434

Ion Ratio Lower Upper

41 100

39 5.0 55.8 83.6#

76 0.0 24.3 36.5#



#16

Acetone

Concen: 1.878 ug/l

RT: 2.410 min Scan# 217

Delta R.T. 0.006 min

Lab File: VX036270.D

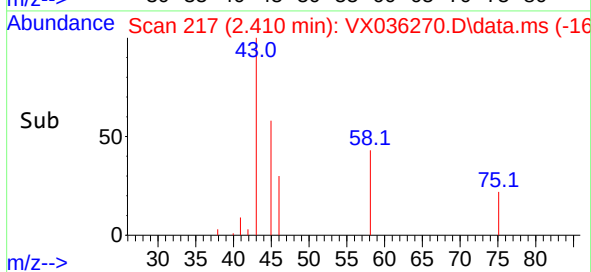
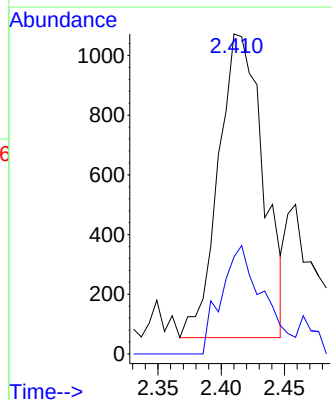
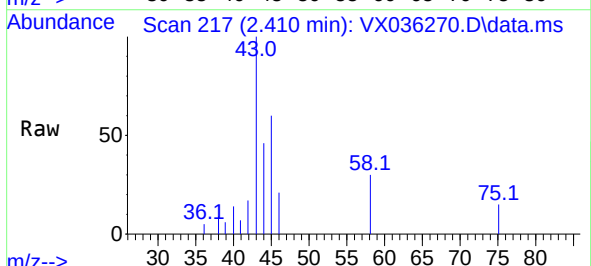
Acq: 21 Jun 2023 14:58

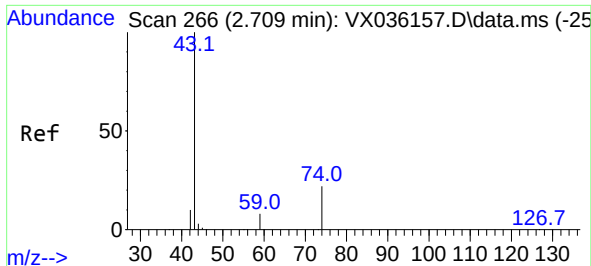
Tgt Ion: 43 Resp: 2498

Ion Ratio Lower Upper

43 100

58 32.0 21.9 32.9





#18

Methyl Acetate

Concen: 15.985 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX036270.D

Acq: 21 Jun 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

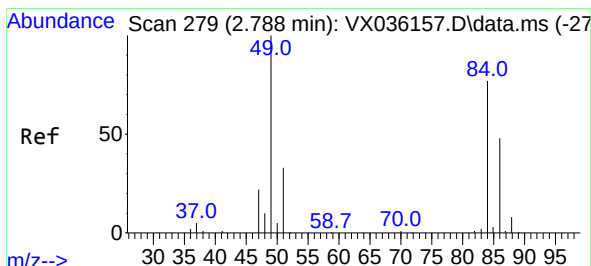
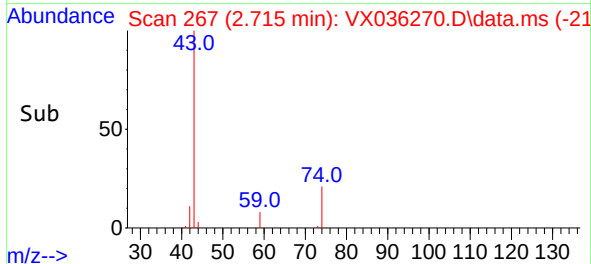
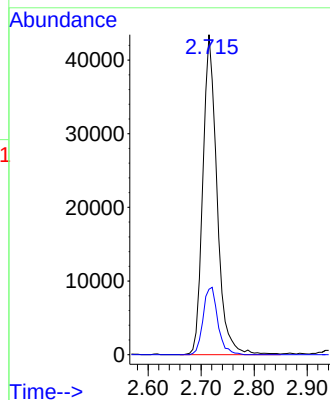
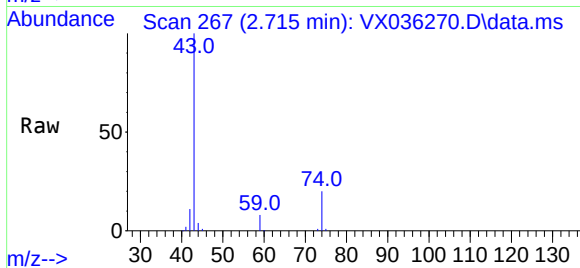
TOTAL-VOC-SB30-35-GRAB-5

Tgt Ion: 43 Resp: 80657

Ion Ratio Lower Upper

43 100

74 21.8 17.8 26.8



#20

Methylene Chloride

Concen: 0.334 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.012 min

Lab File: VX036270.D

Acq: 21 Jun 2023 14:58

Tgt Ion: 84 Resp: 804

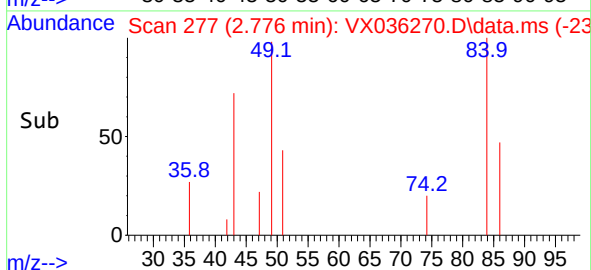
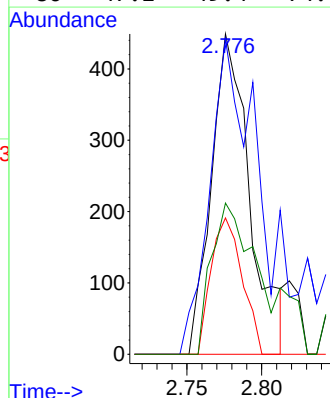
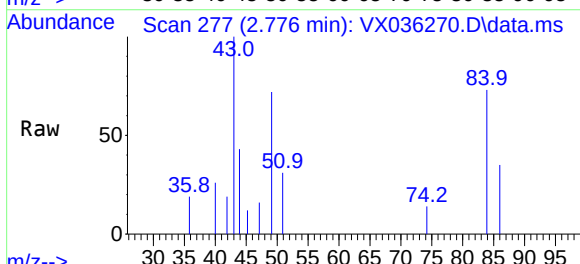
Ion Ratio Lower Upper

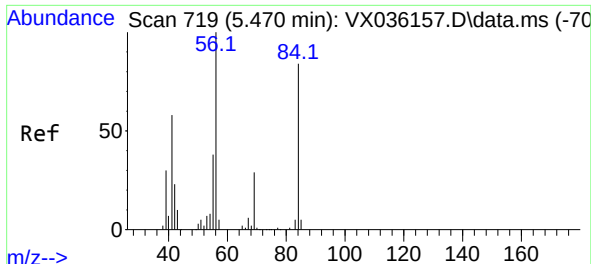
84 100

49 98.4 103.6 155.4#

51 42.5 33.8 50.6

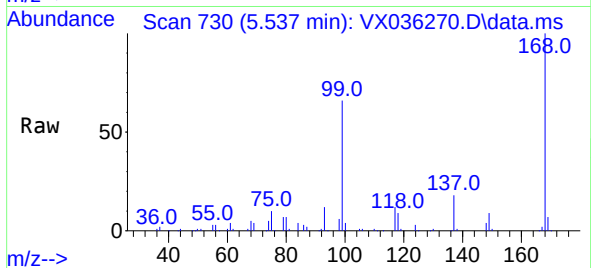
86 47.2 49.4 74.0#



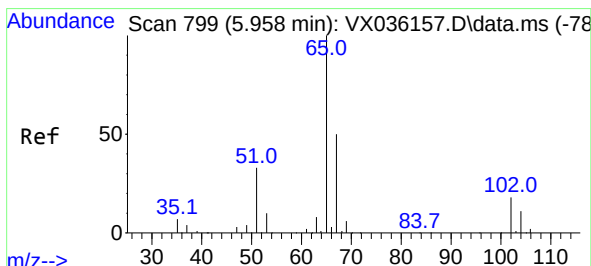
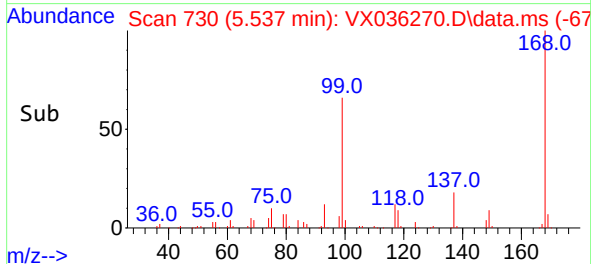
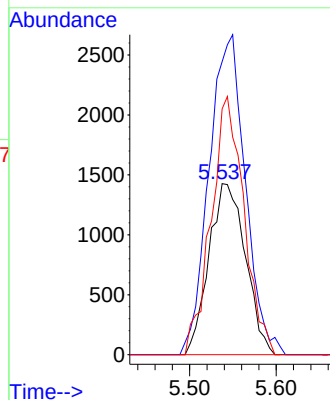


#31
Cyclohexane
Concen: 1.219 ug/l
RT: 5.537 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB30-35-GRAB-5

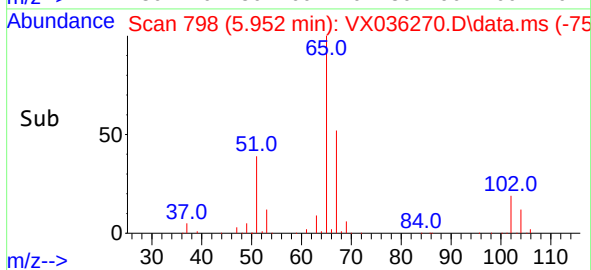
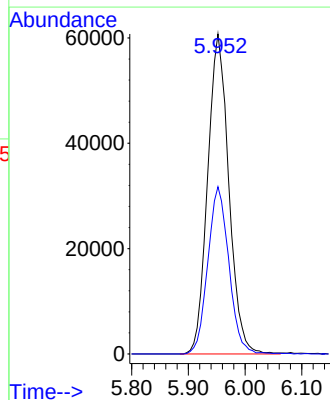
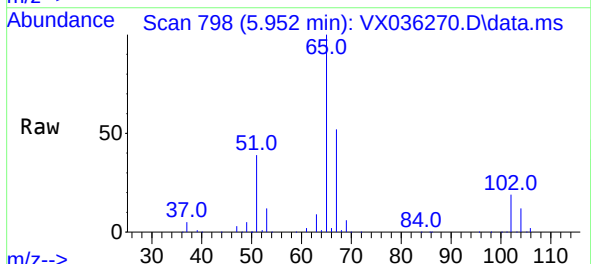


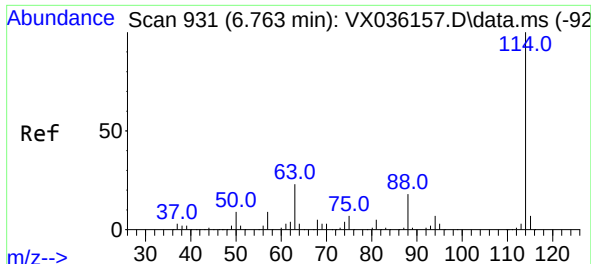
Tgt Ion: 56 Resp: 4189
Ion Ratio Lower Upper
56 100
69 171.3 23.4 35.2#
84 143.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.089 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

Tgt Ion: 65 Resp: 157198
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

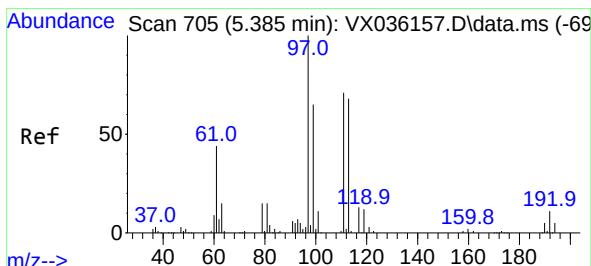
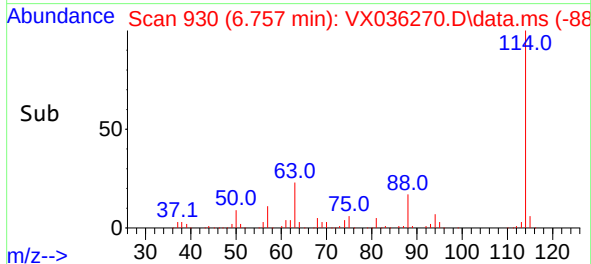
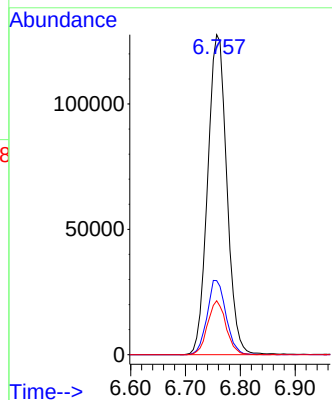
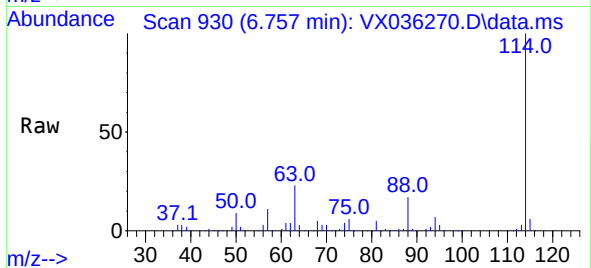




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

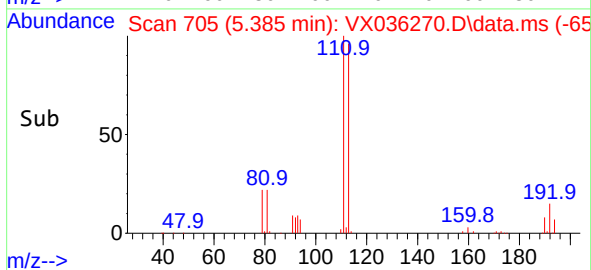
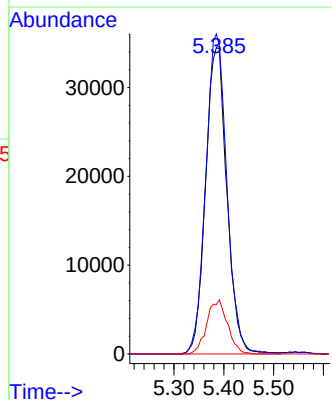
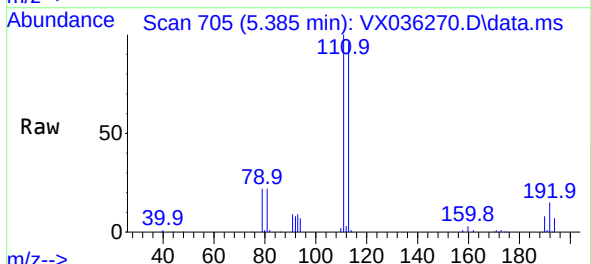
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB30-35-GRAB-5

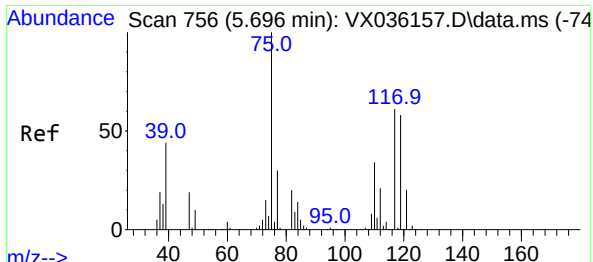
Tgt Ion:114 Resp: 309492
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.813 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

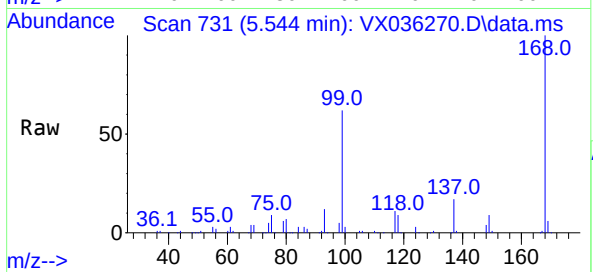
Tgt Ion:113 Resp: 102445
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 17.2 13.3 19.9



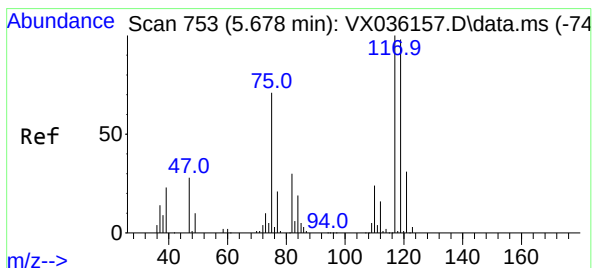
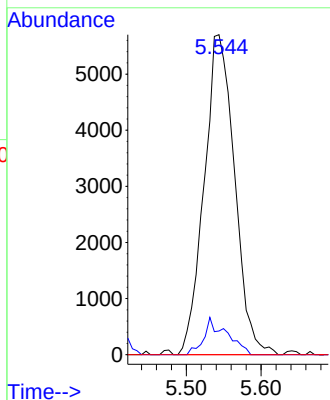
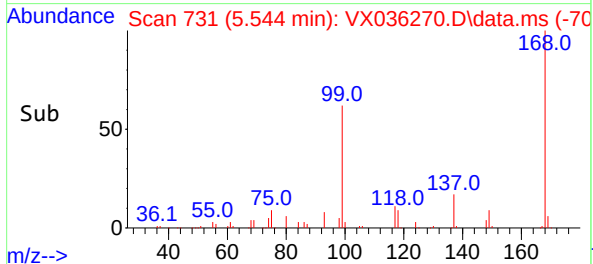


#36
1,1-Dichloropropene
Concen: 5.230 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

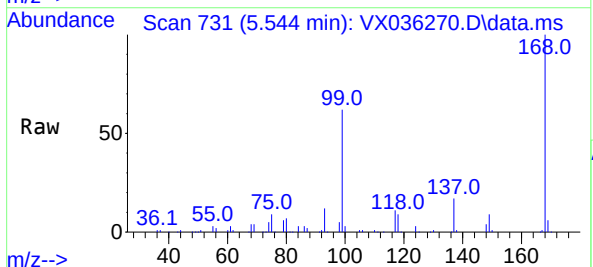
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB30-35-GRAB-5



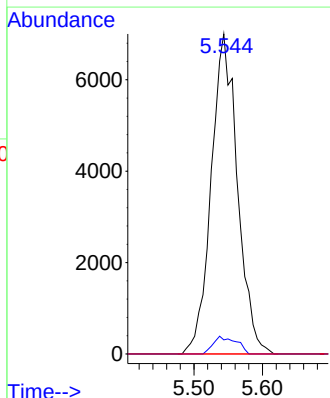
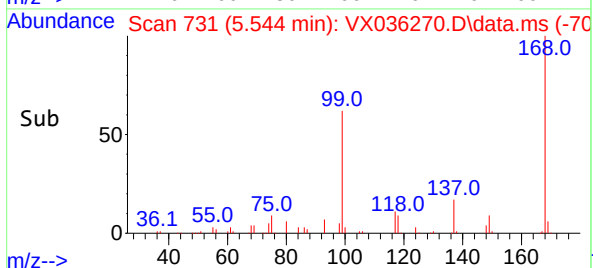
Tgt Ion: 75 Resp: 16168
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#

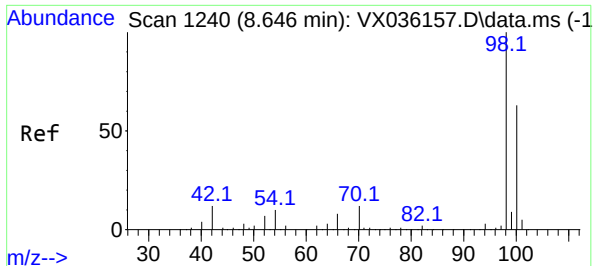


#38
Carbon Tetrachloride
Concen: 6.198 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58



Tgt Ion: 117 Resp: 18626
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

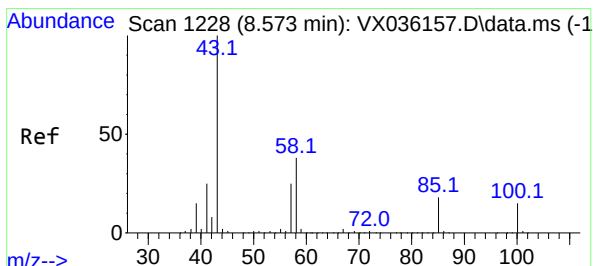
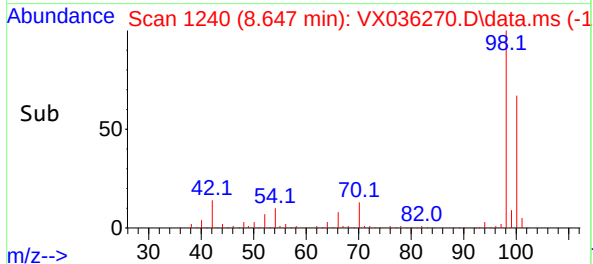
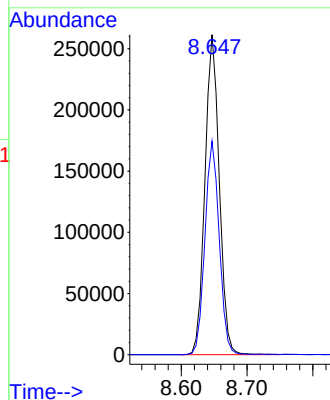
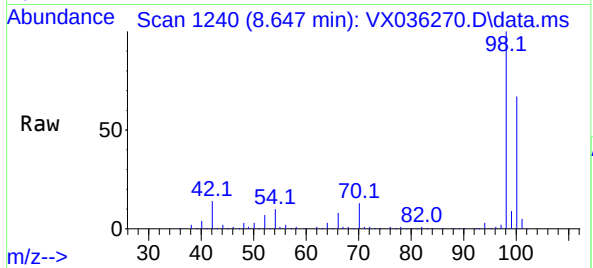




#50
Toluene-d8
Concen: 51.690 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

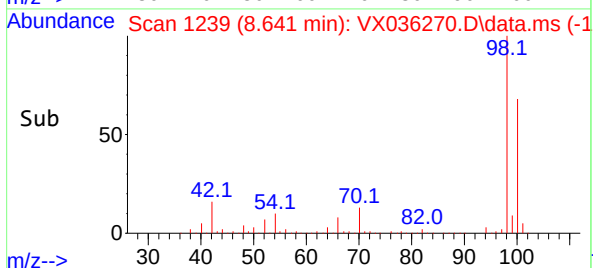
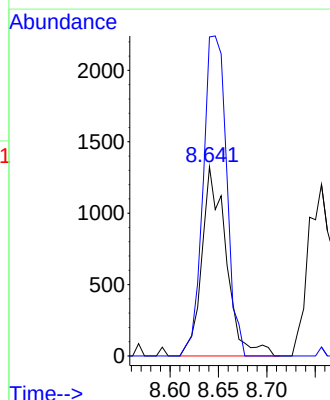
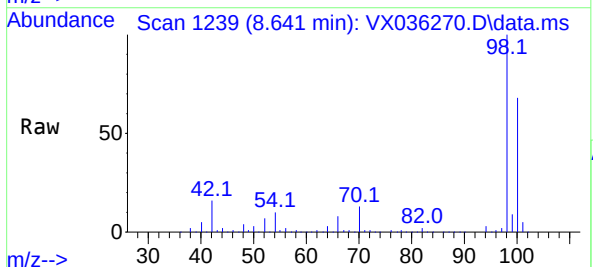
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB30-35-GRAB-5

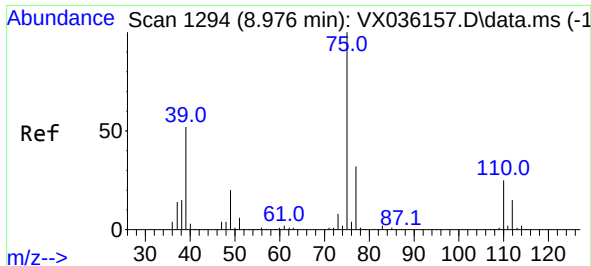
Tgt Ion: 98 Resp: 396819
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.665 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.068 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

Tgt Ion: 43 Resp: 2315
Ion Ratio Lower Upper
43 100
58 163.8 30.4 45.6#

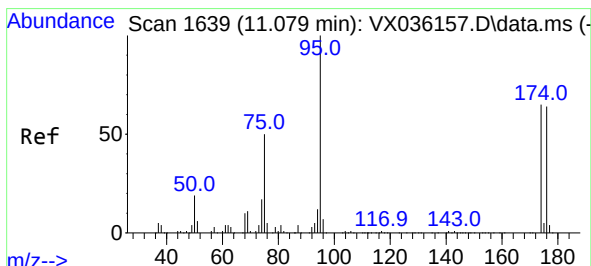
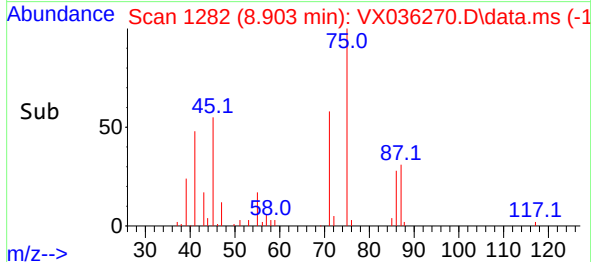
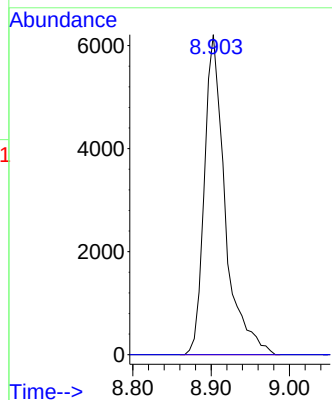
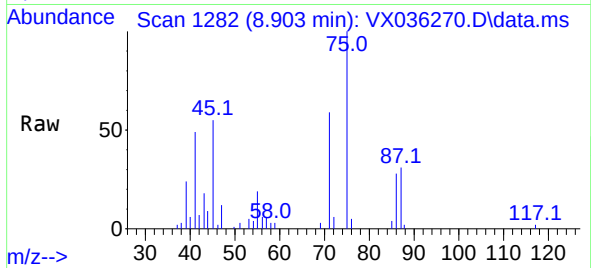




#53
t-1,3-Dichloropropene
Concen: 3.517 ug/l
RT: 8.903 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

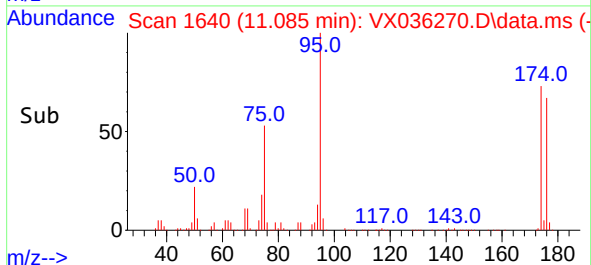
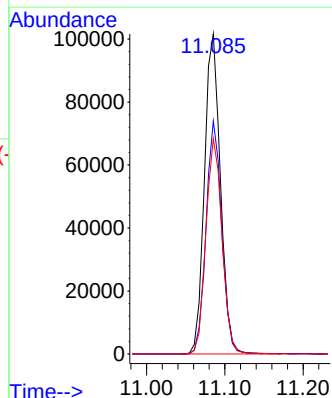
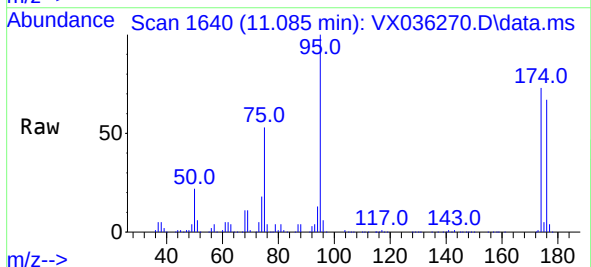
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB30-35-GRAB-5

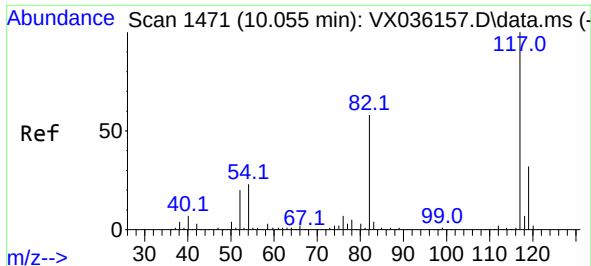
Tgt Ion: 75 Resp: 11451
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 46.434 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

Tgt Ion: 95 Resp: 143892
Ion Ratio Lower Upper
95 100
174 71.2 0.0 135.6
176 67.9 0.0 131.0

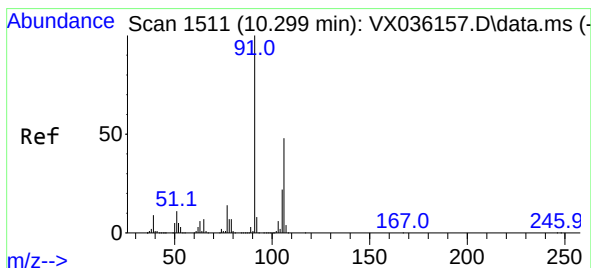
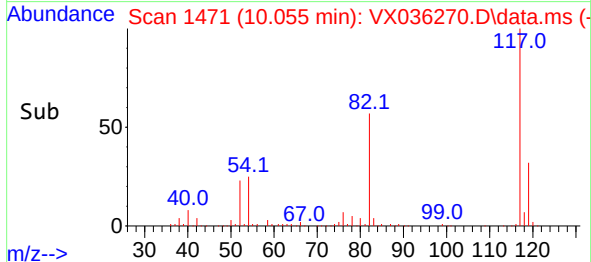
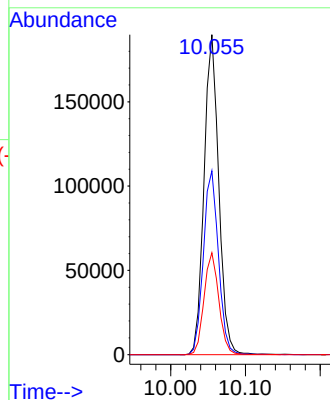
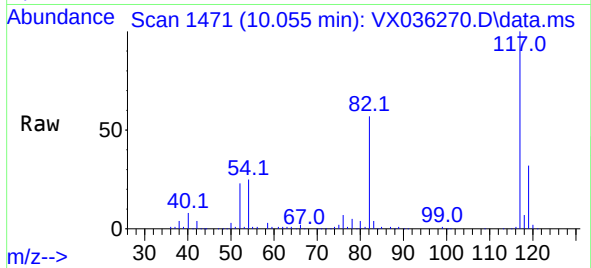




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

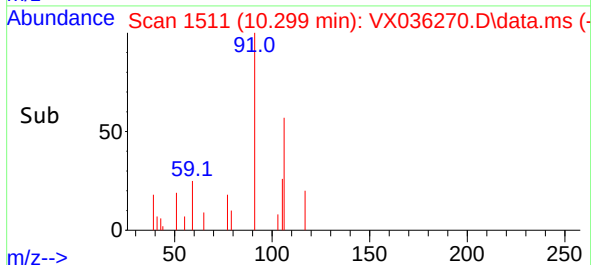
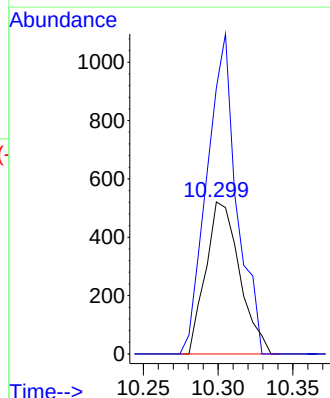
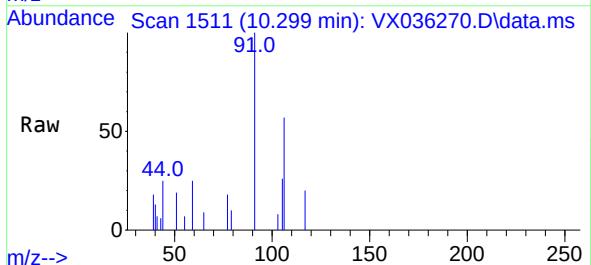
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB30-35-GRAB-5

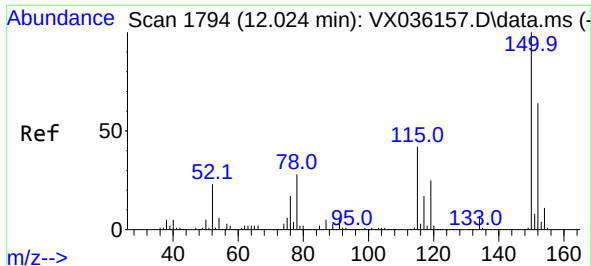
Tgt Ion:117 Resp: 259329
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 0.226 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

Tgt Ion:106 Resp: 820
Ion Ratio Lower Upper
106 100
91 185.2 165.5 248.3

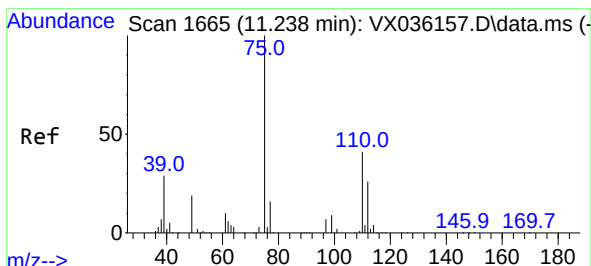
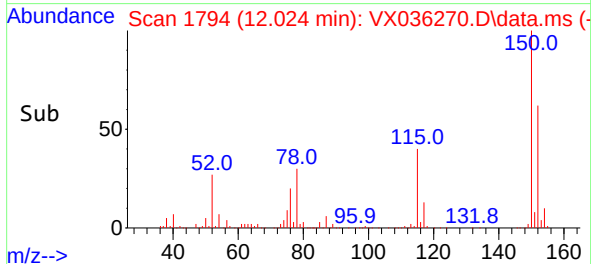
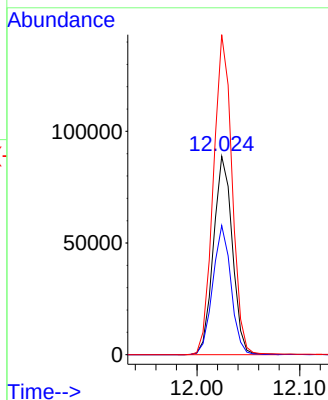
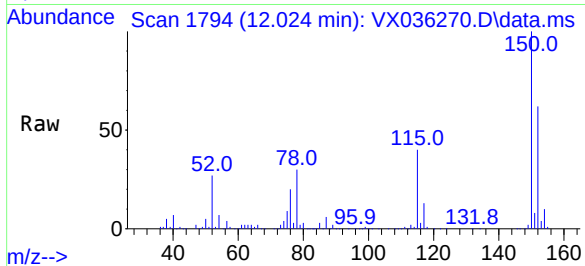




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

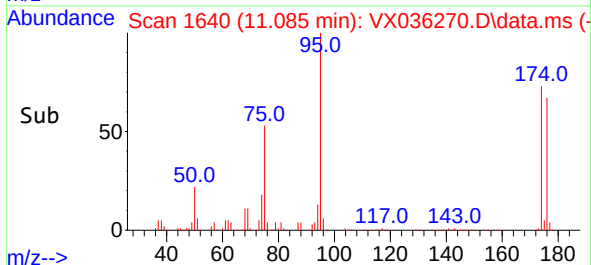
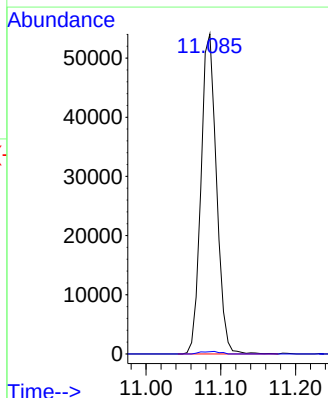
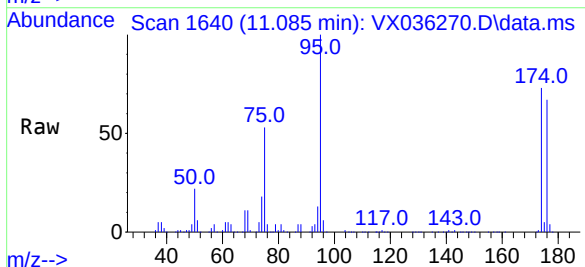
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB30-35-GRAB-5

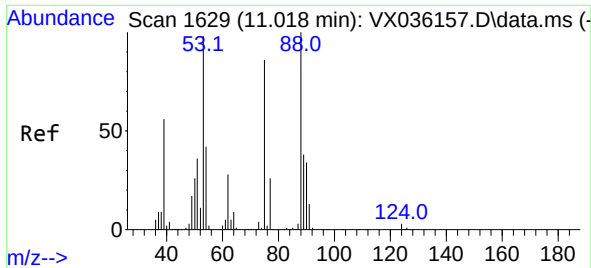
Tgt Ion:152 Resp: 113081
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 159.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 29.092 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

Tgt Ion: 75 Resp: 78074
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.827 ug/l
RT: 11.085 min Scan# 10
Delta R.T. 0.067 min
Lab File: VX036270.D
Acq: 21 Jun 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB30-35-GRAB-5

Tgt Ion: 75 Resp: 78074
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

