

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036263.D
 Acq On : 21 Jun 2023 12:14
 Operator : JC/MD
 Sample : 03296-12
 Misc : 15.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-R-01-GRAB-7

Quant Time: Jun 22 05:00:53 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)

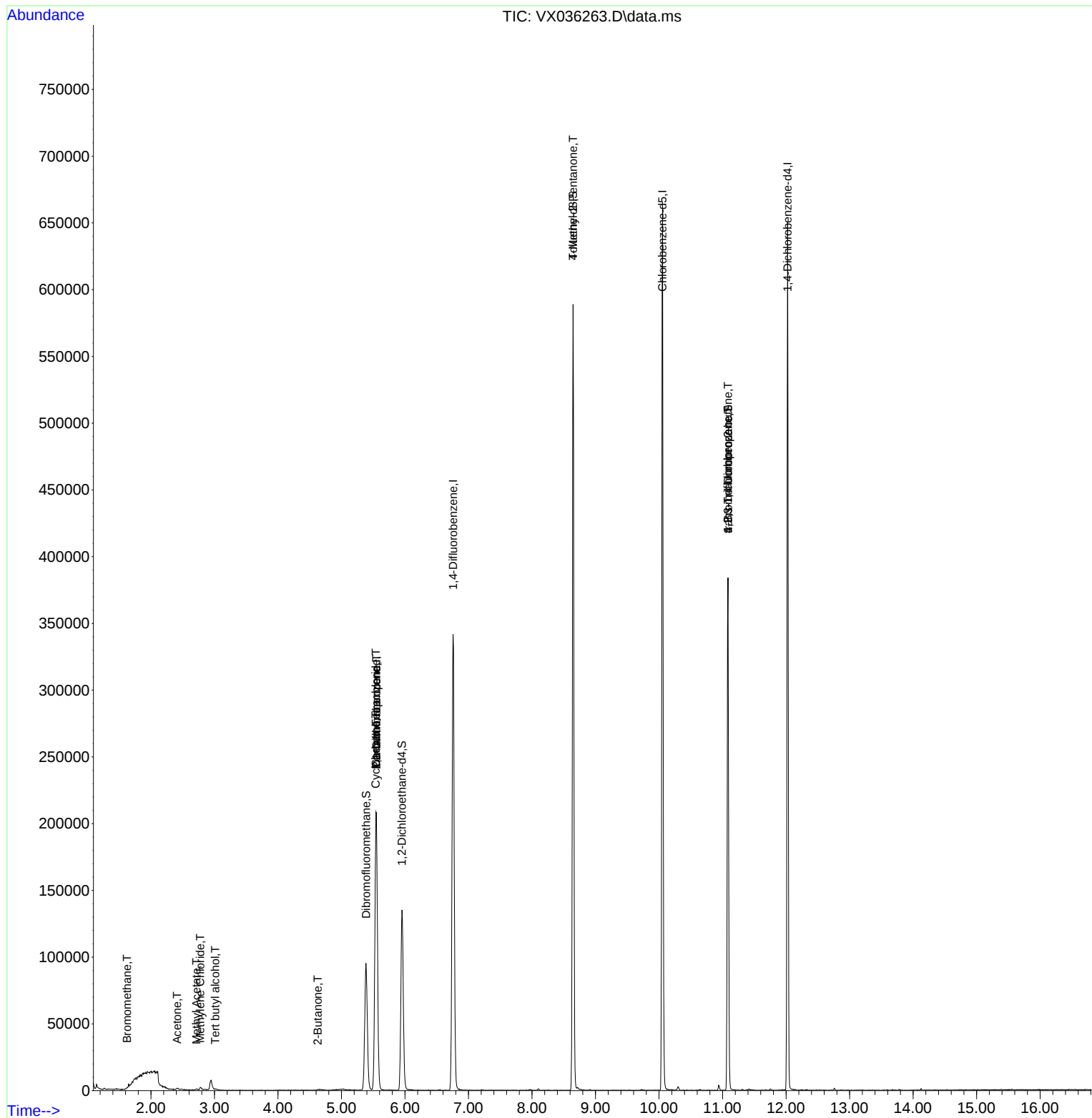
Internal Standards						
1) Pentafluorobenzene	5.550	168	184455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	335711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	130356	38.672	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	77.340%#
35) Dibromofluoromethane	5.385	113	82384	36.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	72.380%#
50) Toluene-d8	8.647	98	332519	39.931	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	79.860%#
62) 4-Bromofluorobenzene	11.085	95	115452	34.346	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	68.700%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	292	0.208	ug/l	93
11) Tert butyl alcohol	3.014	59	149	0.289	ug/l #	78
16) Acetone	2.410	43	1546	1.104	ug/l #	89
18) Methyl Acetate	2.715	43	1194	0.225	ug/l	91
20) Methylene Chloride	2.776	84	995	0.392	ug/l #	90
25) 2-Butanone	4.623	43	396	0.202	ug/l #	51
31) Cyclohexane	5.538	56	4981	1.377	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	17655	5.265	ug/l #	51
38) Carbon Tetrachloride	5.544	117	20816	6.385	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1793	0.475	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	64737	21.881	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	64737	76.589	ug/l #	5

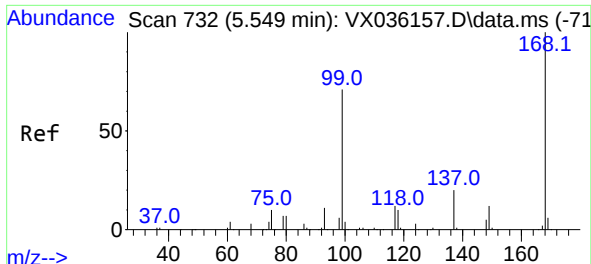
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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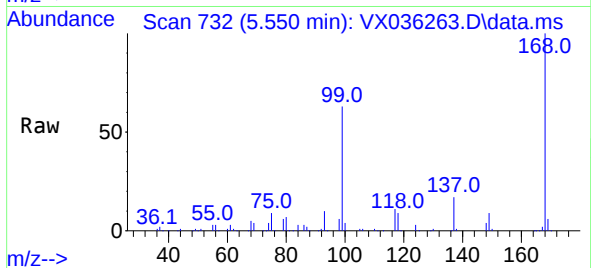
Quant Time: Jun 22 05:00:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
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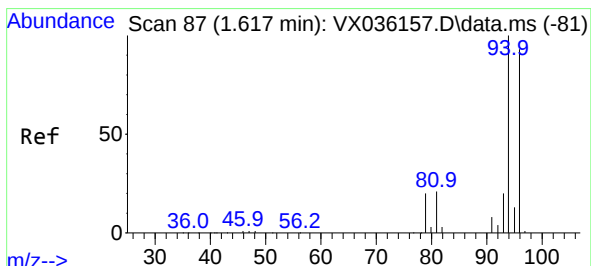
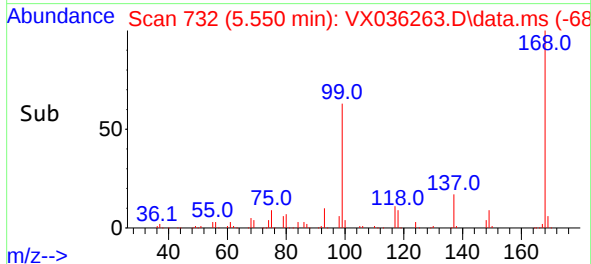
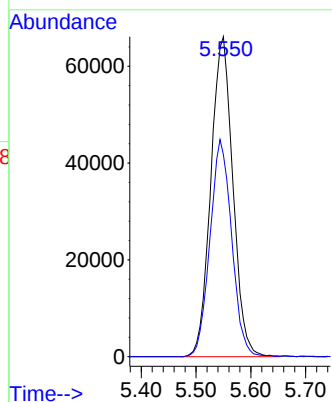


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-01-GRAB-7

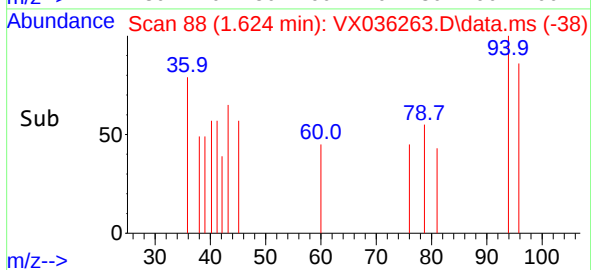
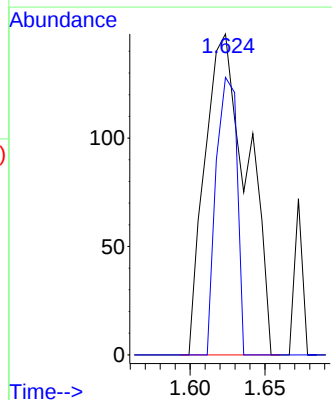
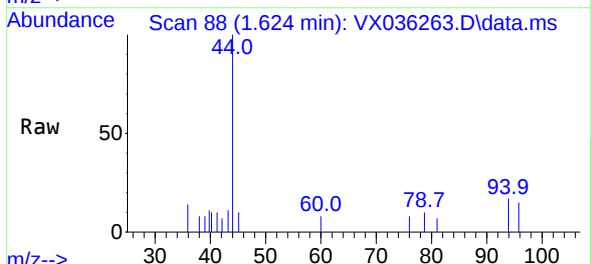


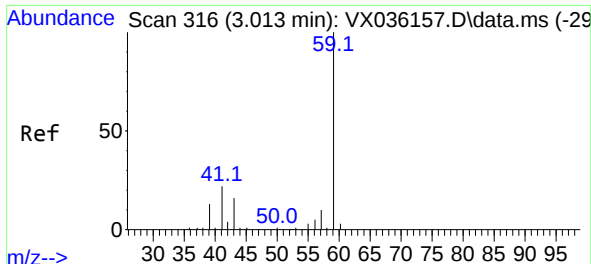
Tgt Ion:168 Resp: 184455
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.007 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

Tgt Ion: 94 Resp: 292
Ion Ratio Lower Upper
94 100
96 86.5 74.6 111.8

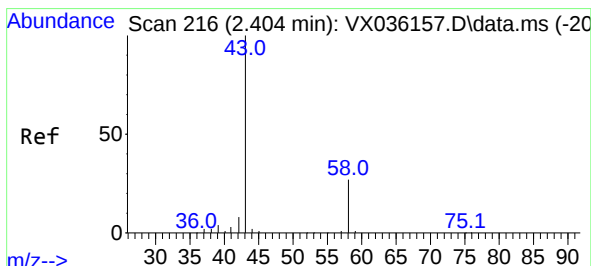
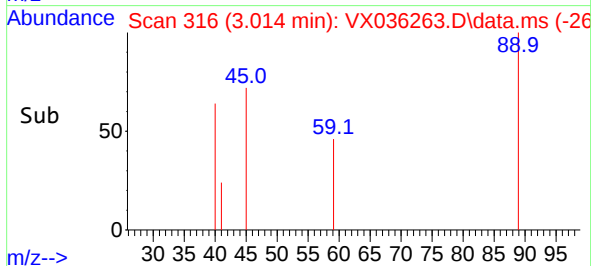
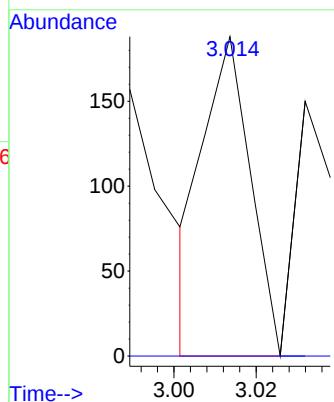
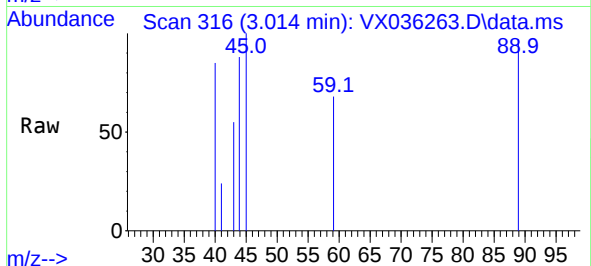




#11
Tert butyl alcohol
Concen: 0.289 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.001 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

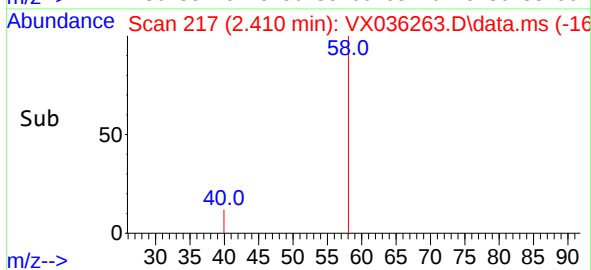
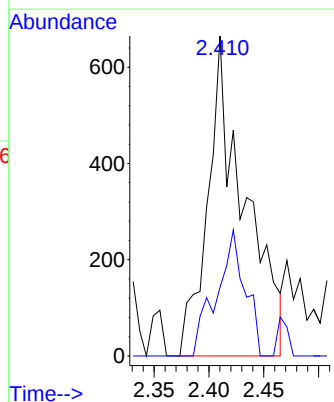
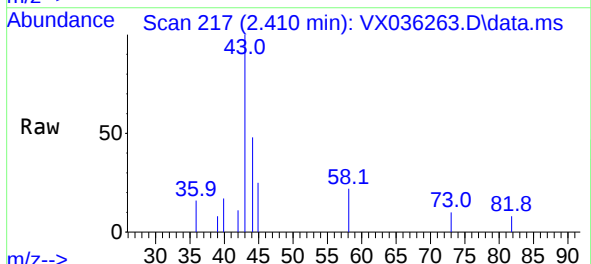
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-01-GRAB-7

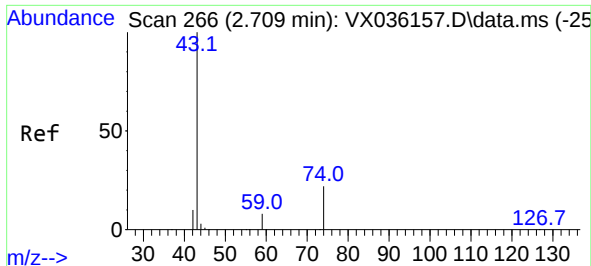
Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.104 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

Tgt Ion: 43 Resp: 1546
Ion Ratio Lower Upper
43 100
58 21.5 21.9 32.9#





#18

Methyl Acetate

Concen: 0.225 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX036263.D

Acq: 21 Jun 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

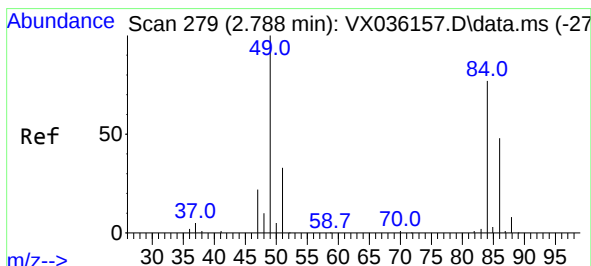
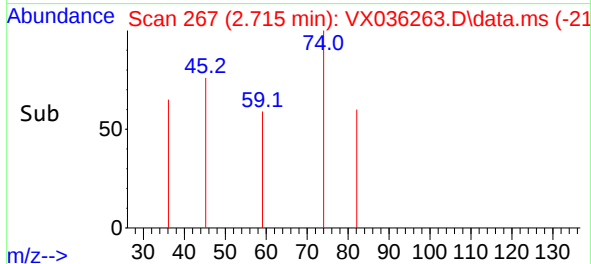
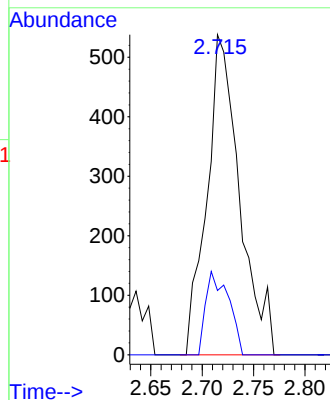
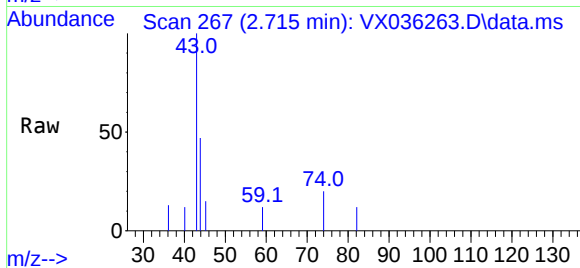
TOTAL-VOC-R-01-GRAB-7

Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

43 100

74 18.1 17.8 26.8



#20

Methylene Chloride

Concen: 0.392 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.012 min

Lab File: VX036263.D

Acq: 21 Jun 2023 12:14

Tgt Ion: 84 Resp: 995

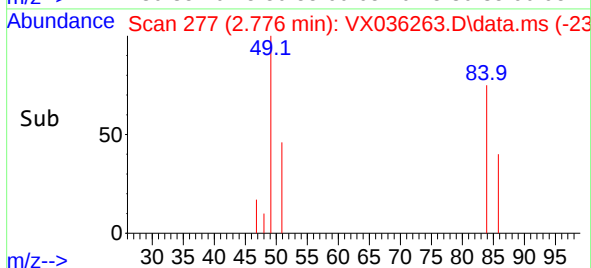
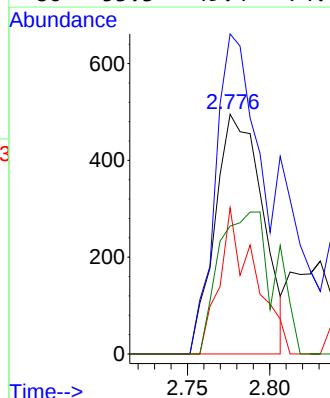
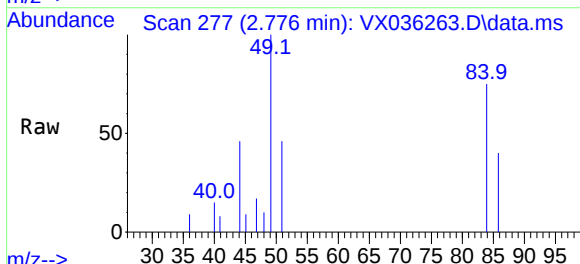
Ion Ratio Lower Upper

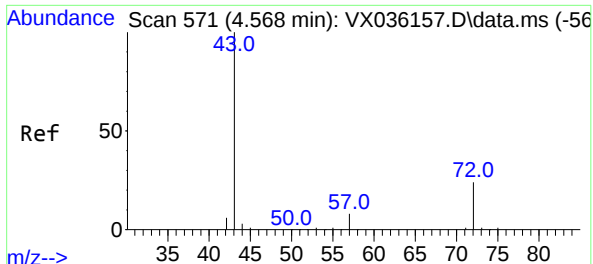
84 100

49 133.5 103.6 155.4

51 61.0 33.8 50.6#

86 53.3 49.4 74.0

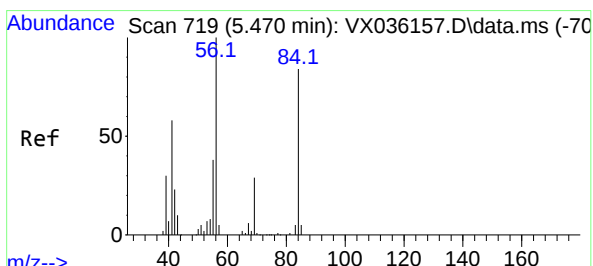
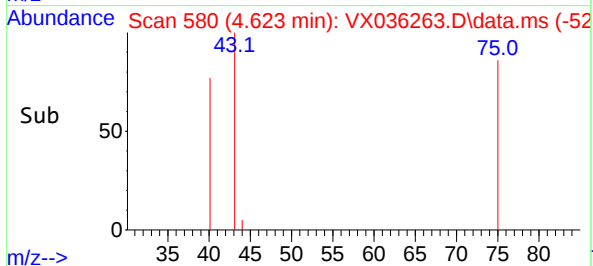
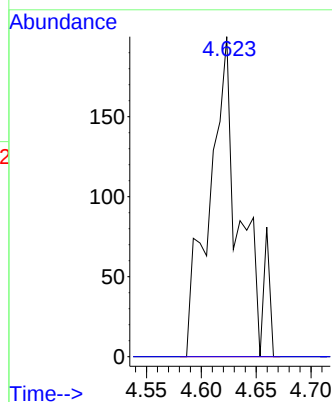
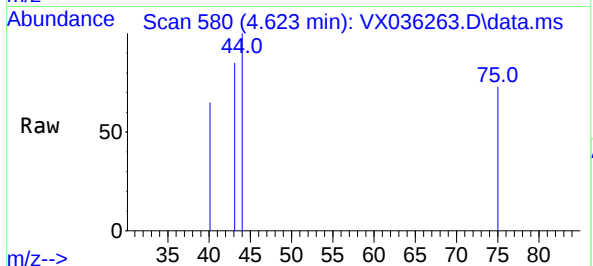




#25
2-Butanone
Concen: 0.202 ug/l
RT: 4.623 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

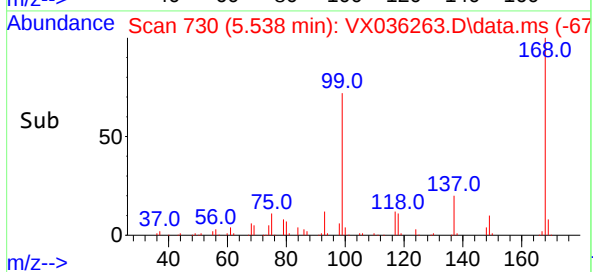
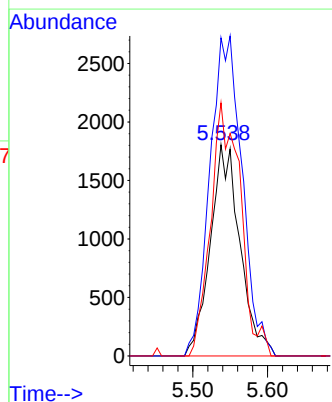
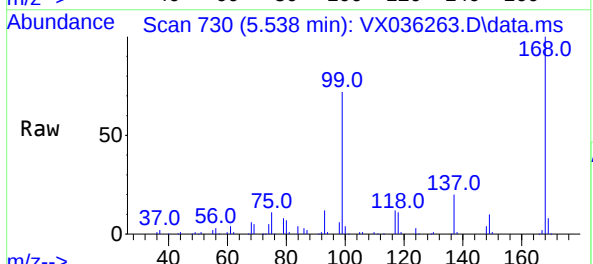
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-01-GRAB-7

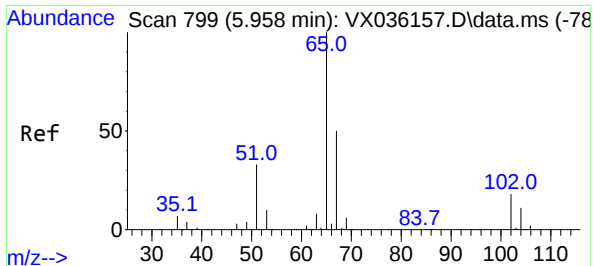
Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.377 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.068 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

Tgt Ion: 56 Resp: 4981
Ion Ratio Lower Upper
56 100
69 150.6 23.4 35.2#
84 119.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 38.672 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036263.D

Acq: 21 Jun 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

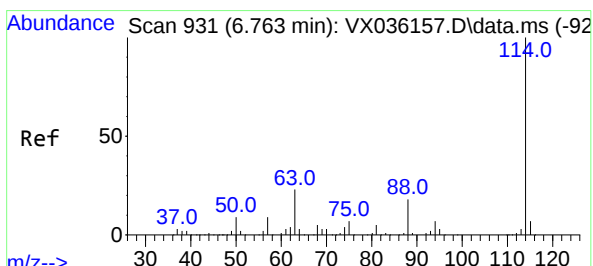
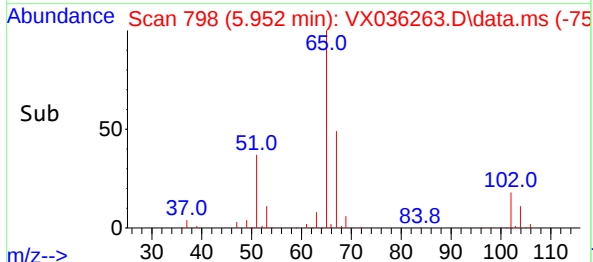
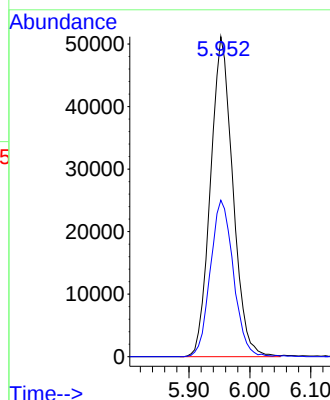
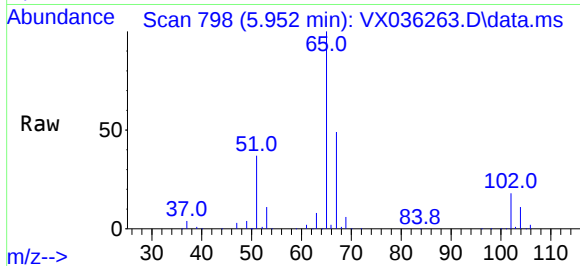
TOTAL-VOC-R-01-GRAB-7

Tgt Ion: 65 Resp: 130356

Ion Ratio Lower Upper

65 100

67 50.4 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: VX036263.D

Acq: 21 Jun 2023 12:14

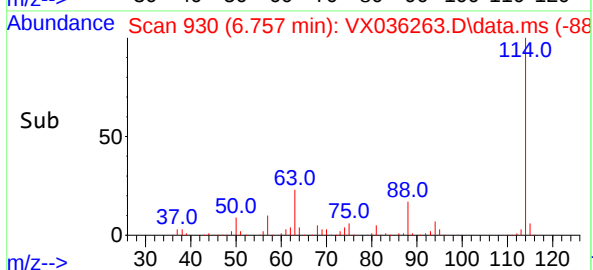
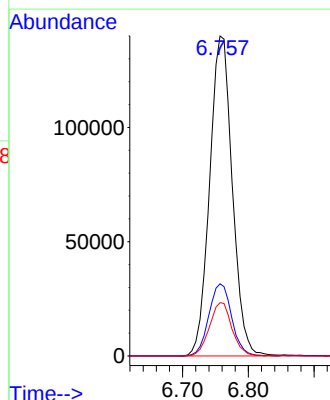
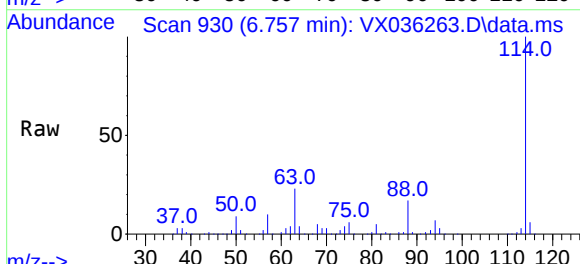
Tgt Ion: 114 Resp: 335711

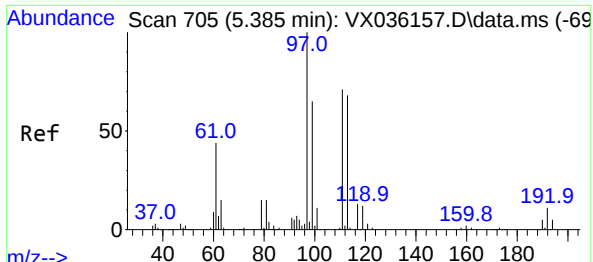
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

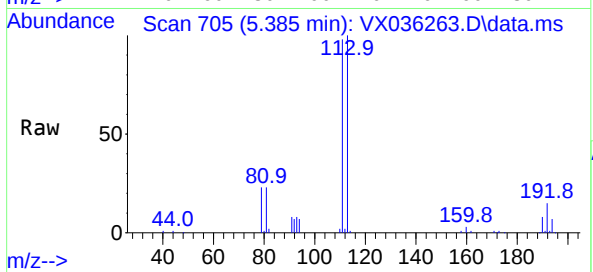
88 16.6 0.0 36.6



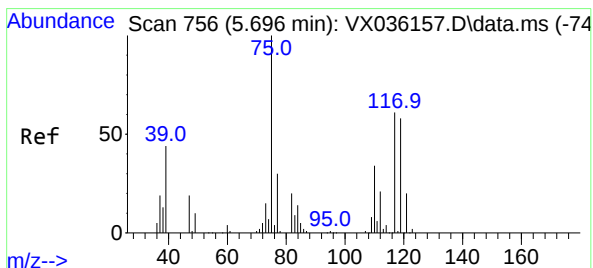
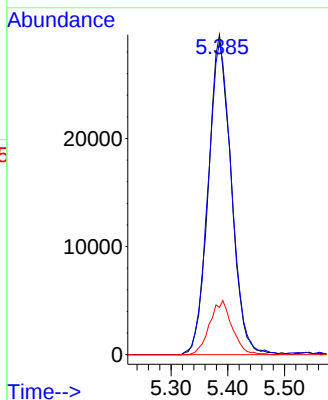
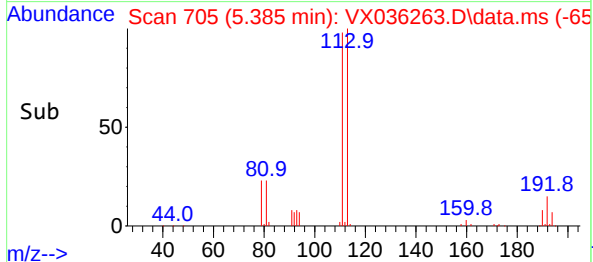


#35
Dibromofluoromethane
Concen: 36.189 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

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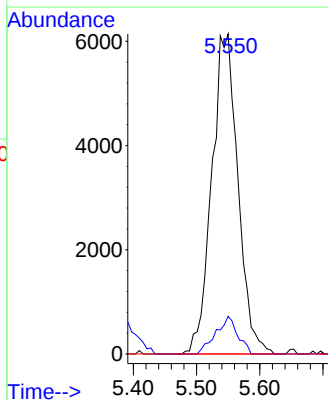
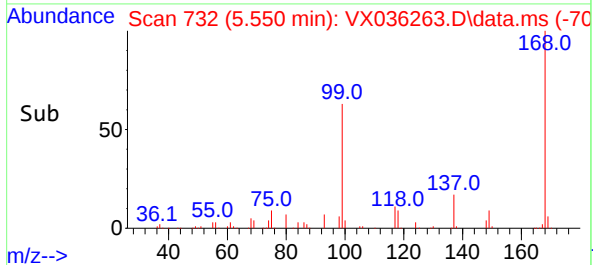
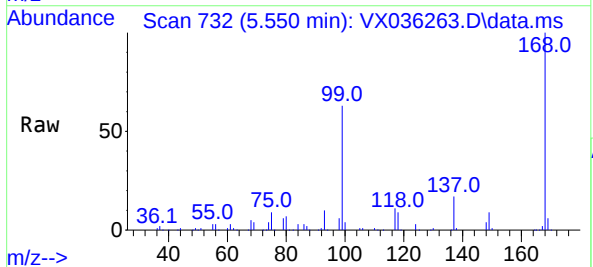


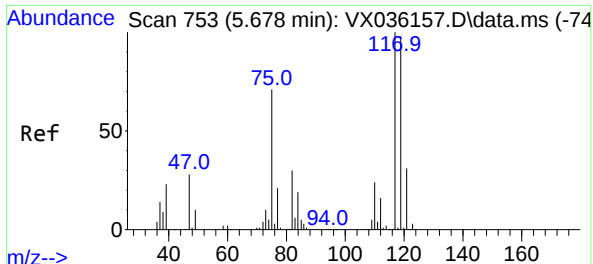
Tgt Ion:113 Resp: 82384
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 16.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.265 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

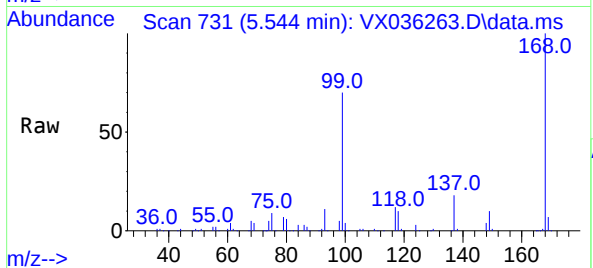
Tgt Ion: 75 Resp: 17655
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



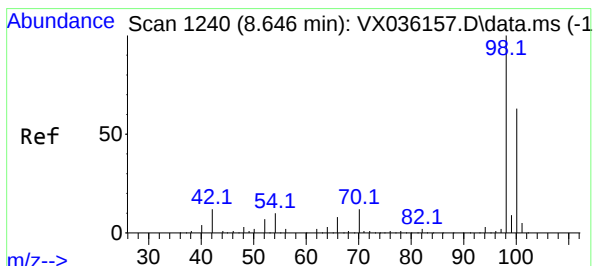
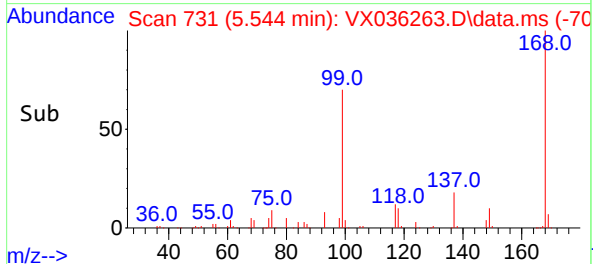
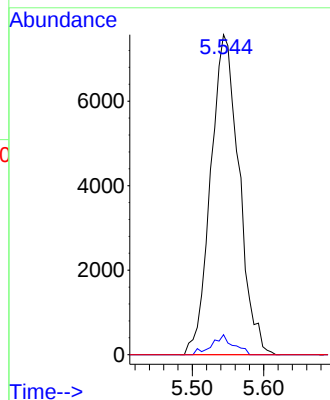


#38
Carbon Tetrachloride
Concen: 6.385 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

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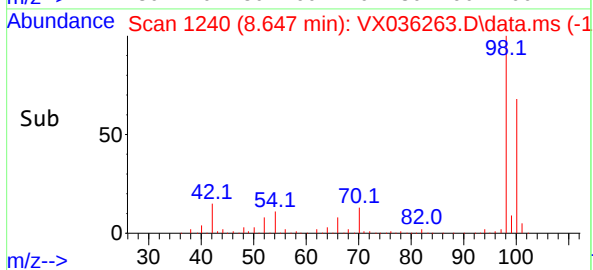
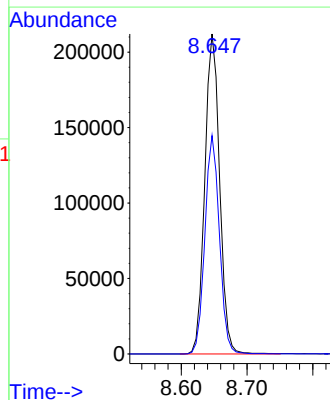
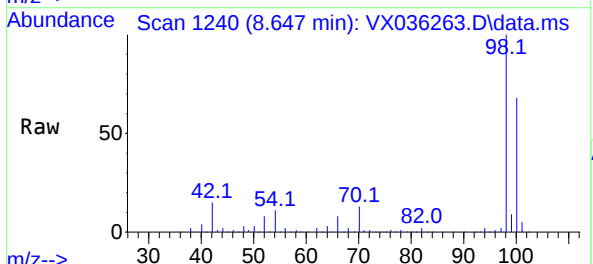


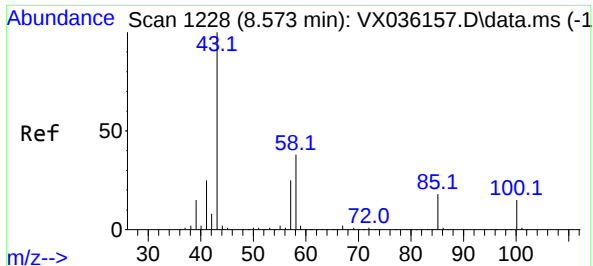
Tgt Ion:117 Resp: 20816
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 39.931 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

Tgt Ion: 98 Resp: 332519
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

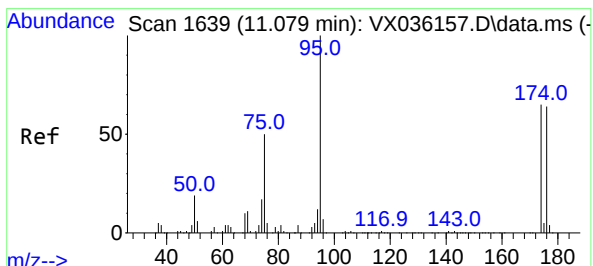
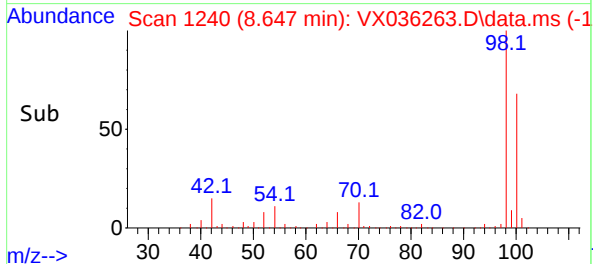
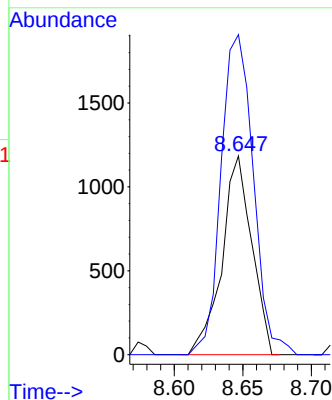
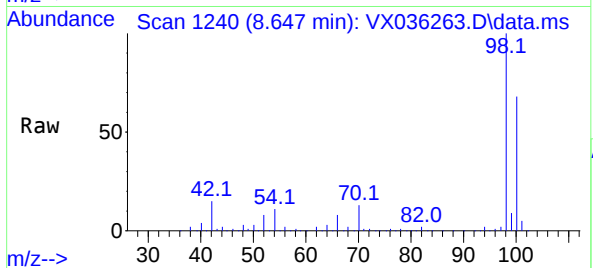




#51
4-Methyl-2-Pentanone
Concen: 0.475 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

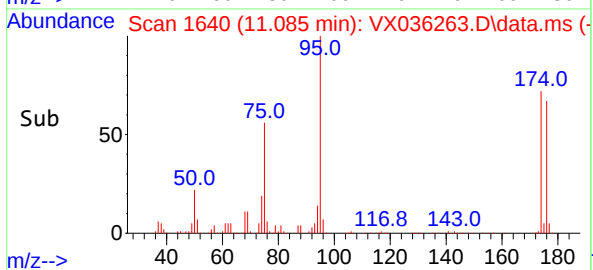
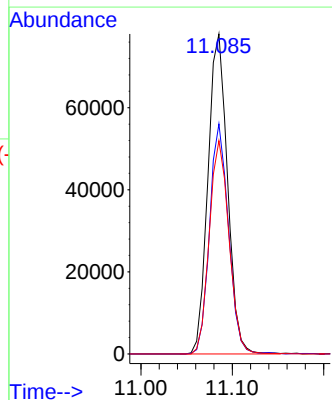
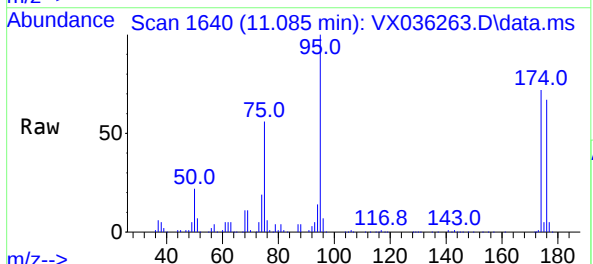
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-01-GRAB-7

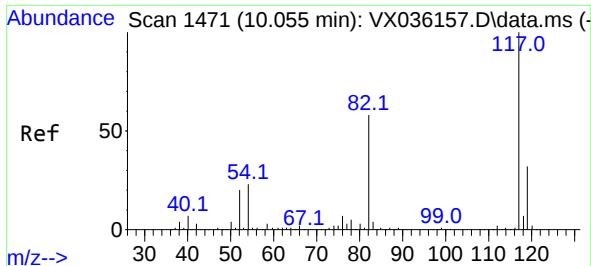
Tgt Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
58 174.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 34.346 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

Tgt Ion: 95 Resp: 115452
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 67.2 0.0 131.0

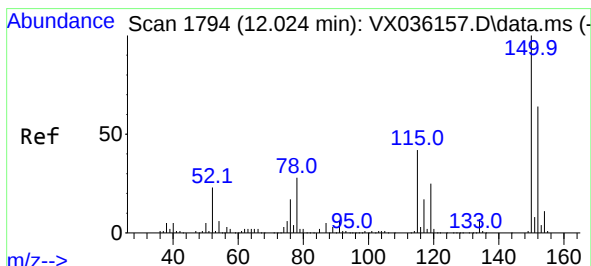
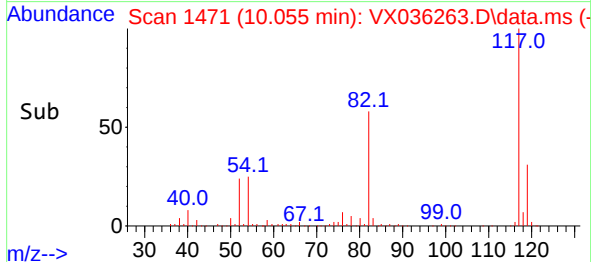
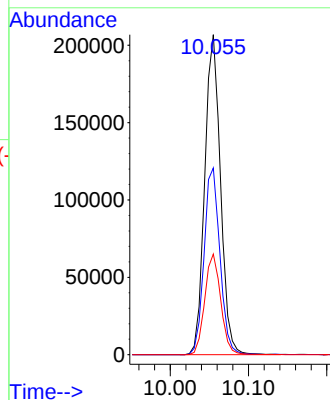
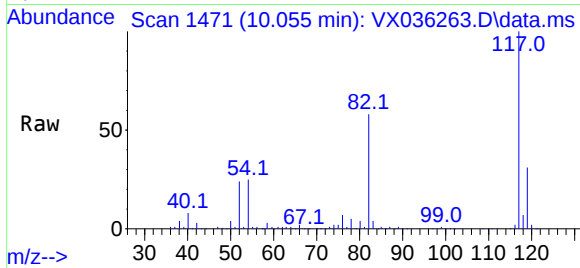




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

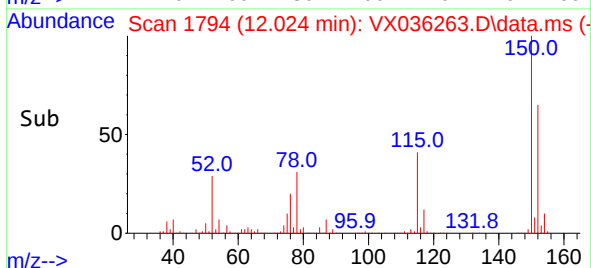
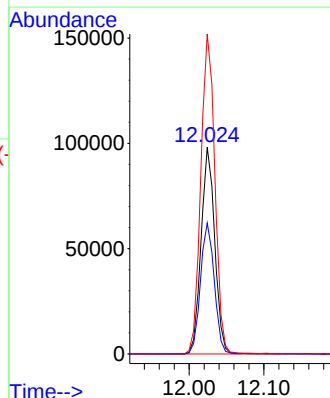
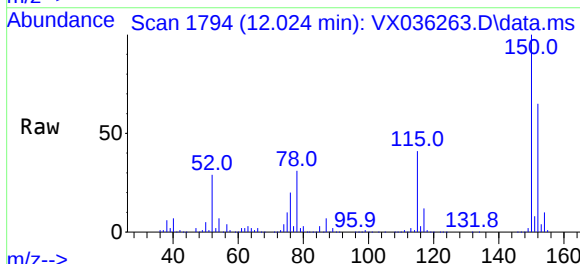
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-01-GRAB-7

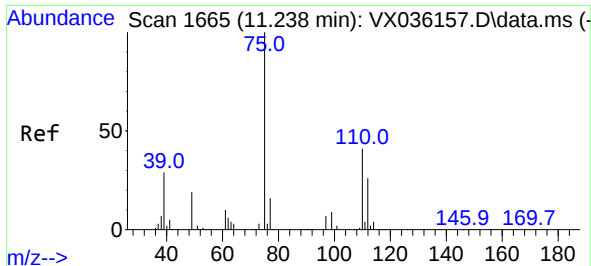
Tgt Ion:117 Resp: 288525
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

Tgt Ion:152 Resp: 124661
Ion Ratio Lower Upper
152 100
115 63.8 43.3 129.9
150 159.3 0.0 345.0

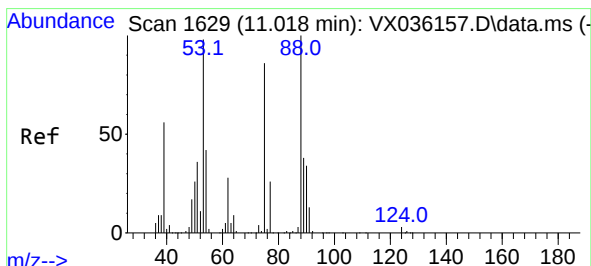
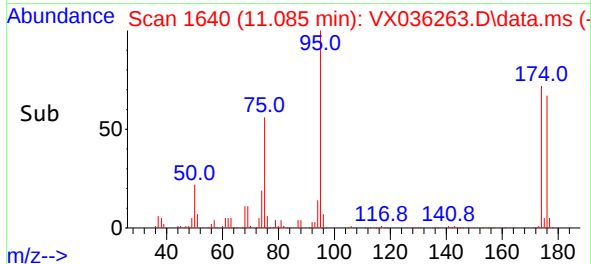
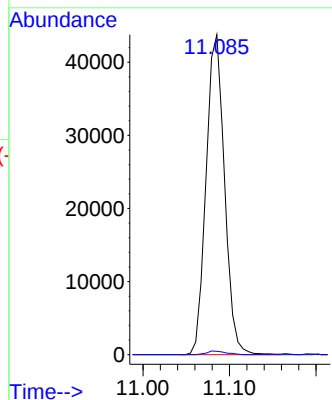
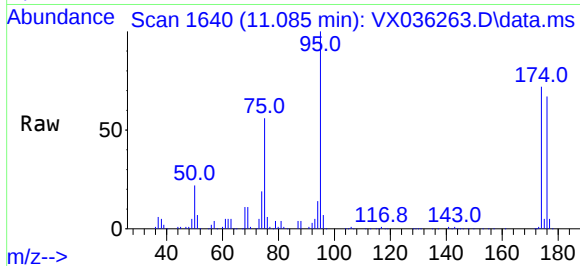




#76
1,2,3-Trichloropropane
Concen: 21.881 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-01-GRAB-7

Tgt Ion: 75 Resp: 64737
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.589 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX036263.D
Acq: 21 Jun 2023 12:14

Tgt Ion: 75 Resp: 64737
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

