

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036275.D
 Acq On : 21 Jun 2023 16:55
 Operator : JC/MD
 Sample : 03296-06RE
 Misc : 18.20g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-R-02-GRAB-7

Quant Time: Jun 22 05:02:48 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)

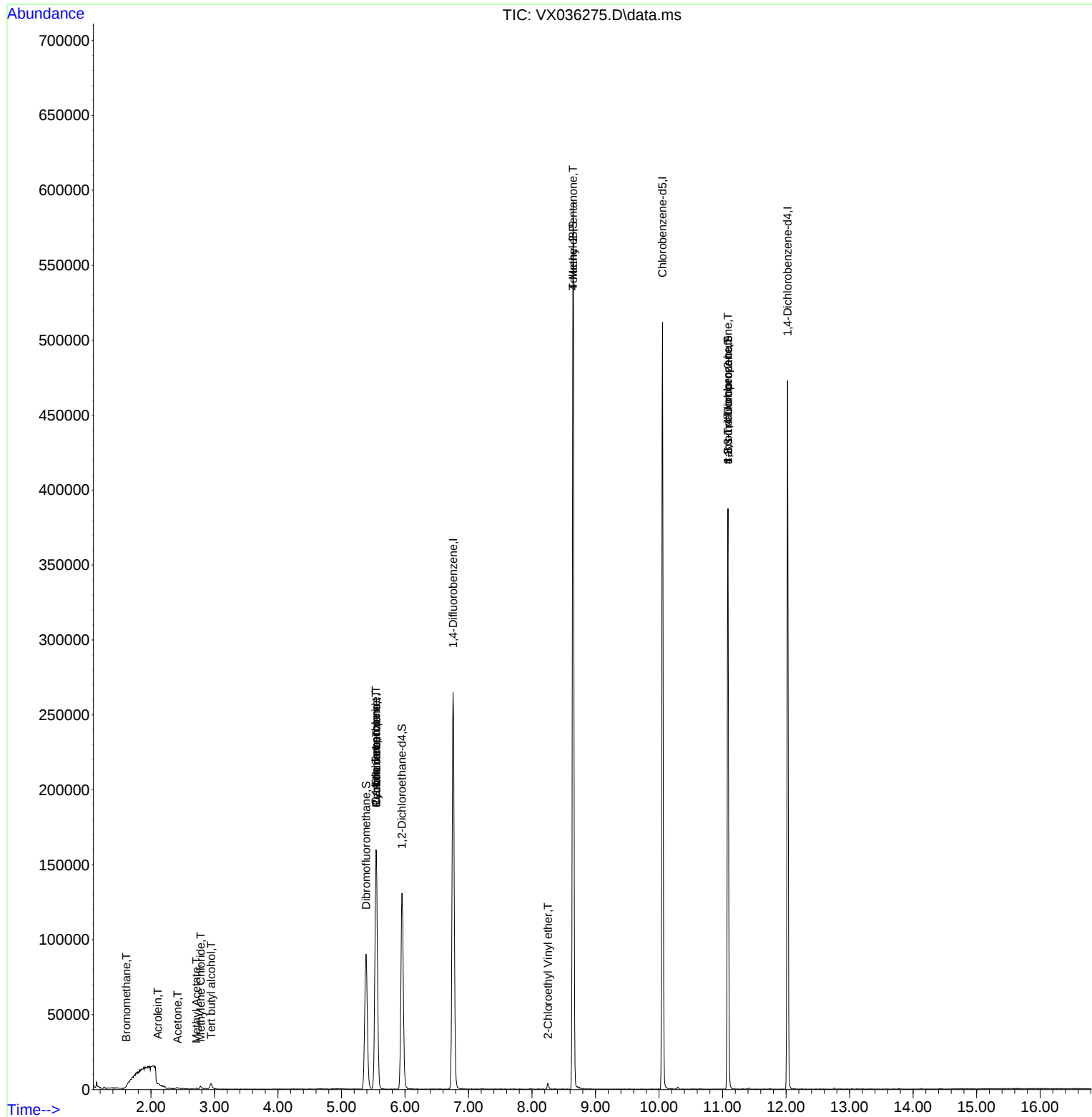
Internal Standards						
1) Pentafluorobenzene	5.549	168	142501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	259047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122423	47.011	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.020%		
35) Dibromofluoromethane	5.385	113	78909	44.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.840%		
50) Toluene-d8	8.646	98	332851	51.800	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.600%		
62) 4-Bromofluorobenzene	11.085	95	107778	41.552	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.100%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	222	0.205	ug/l #	57
11) Tert butyl alcohol	2.946	59	2121	5.328	ug/l #	78
13) Acrolein	2.105	56	136	0.308	ug/l #	69
16) Acetone	2.416	43	1100	1.017	ug/l #	76
18) Methyl Acetate	2.715	43	838	0.204	ug/l #	88
20) Methylene Chloride	2.782	84	995	0.508	ug/l #	89
31) Cyclohexane	5.549	56	3606	1.291	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	13107	5.065	ug/l #	50
38) Carbon Tetrachloride	5.543	117	15810	6.285	ug/l #	15
51) 4-Methyl-2-Pentanone	8.646	43	2009	0.690	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.250	63	1582	1.010	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	59090	27.647	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59090	96.769	ug/l #	5

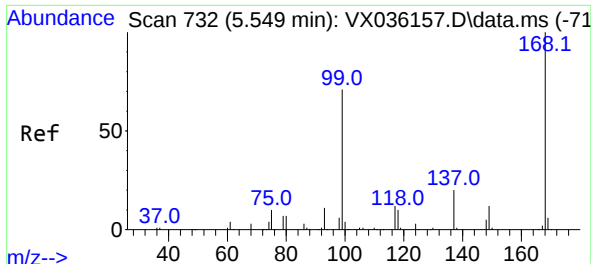
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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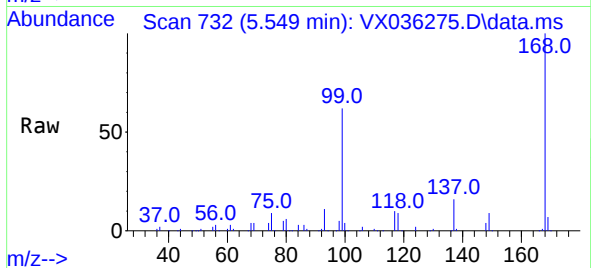
Quant Time: Jun 22 05:02:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
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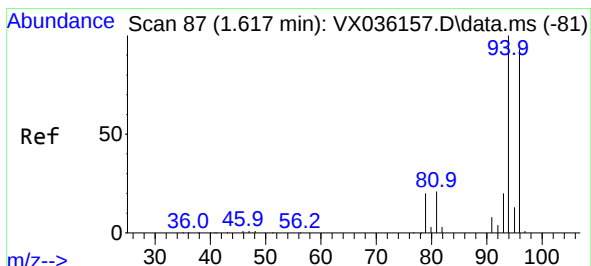
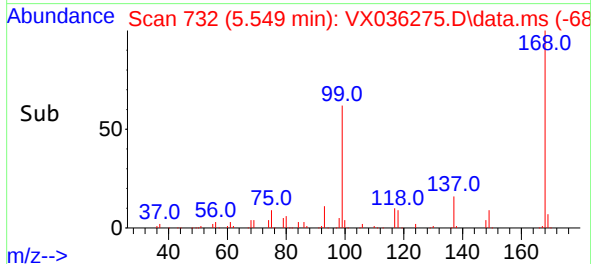
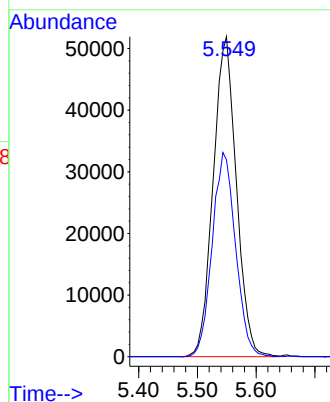


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-7

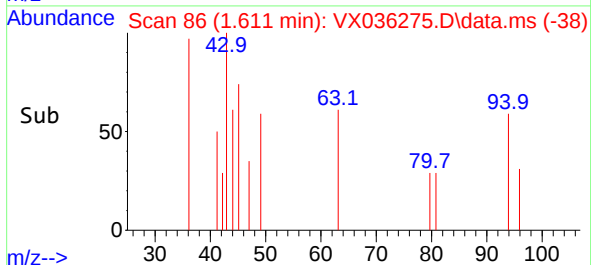
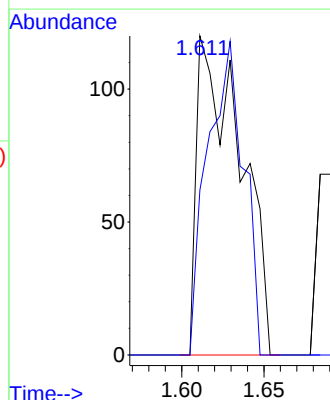
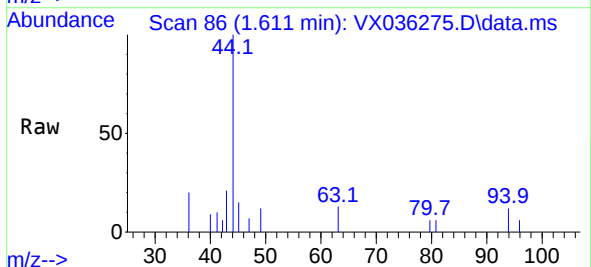


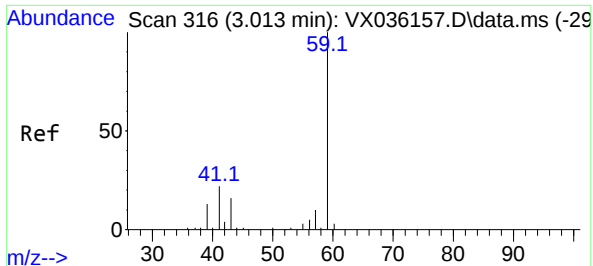
Tgt Ion:168 Resp: 142501
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#5
Bromomethane
Concen: 0.205 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 51.7 74.6 111.8#





#11

Tert butyl alcohol

Concen: 5.328 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.067 min

Lab File: VX036275.D

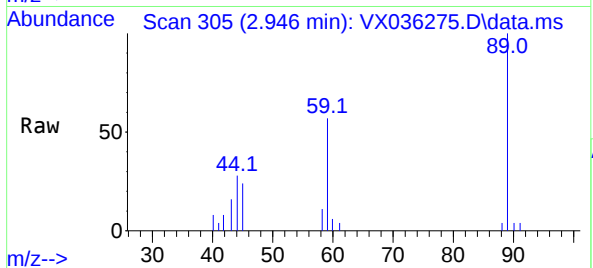
Acq: 21 Jun 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-R-02-GRAB-7

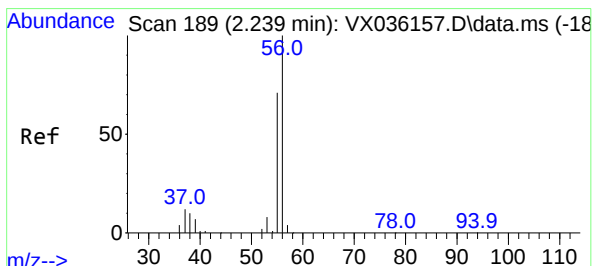
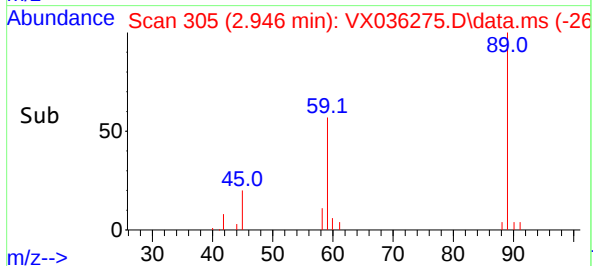
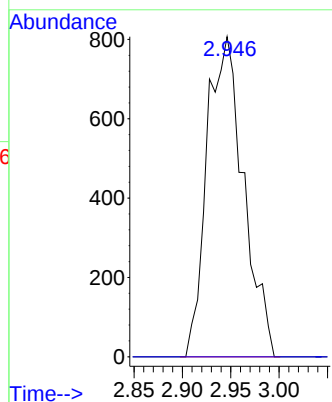


Tgt Ion: 59 Resp: 2121

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.308 ug/l

RT: 2.105 min Scan# 167

Delta R.T. -0.134 min

Lab File: VX036275.D

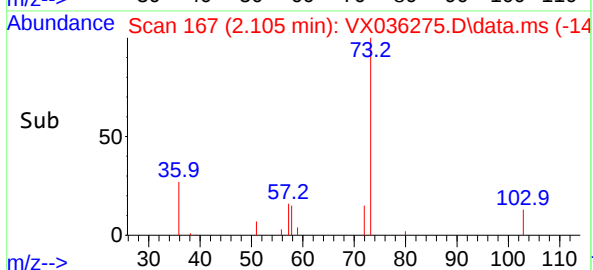
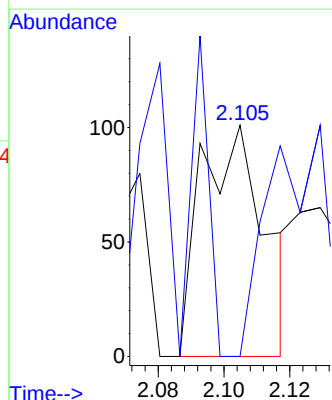
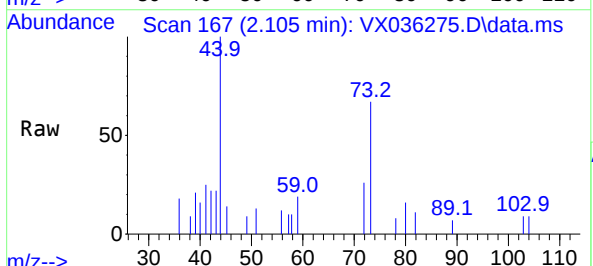
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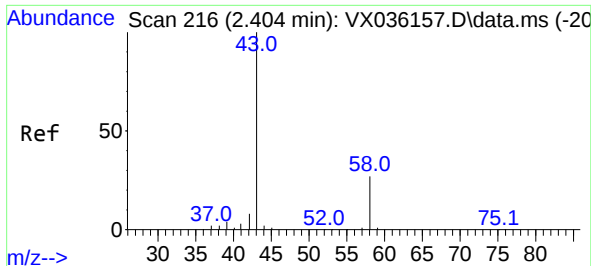
Tgt Ion: 56 Resp: 136

Ion Ratio Lower Upper

56 100

55 97.1 57.1 85.7#

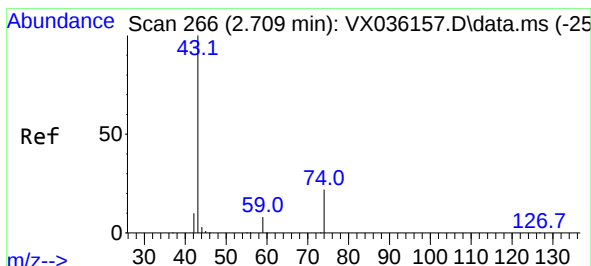
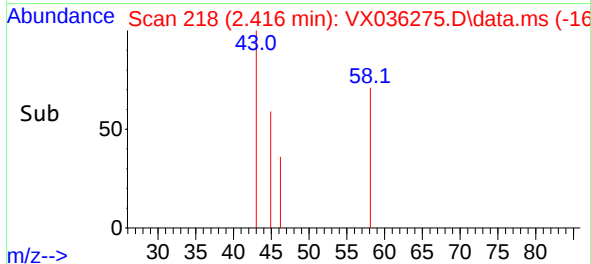
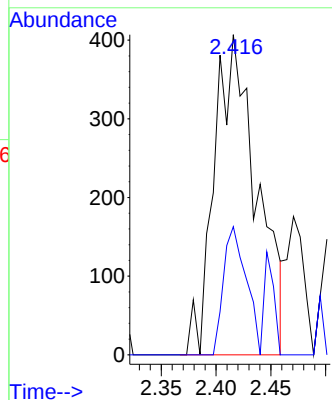
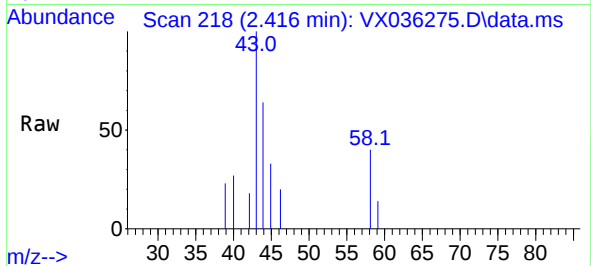




#16
Acetone
Concen: 1.017 ug/l
RT: 2.416 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

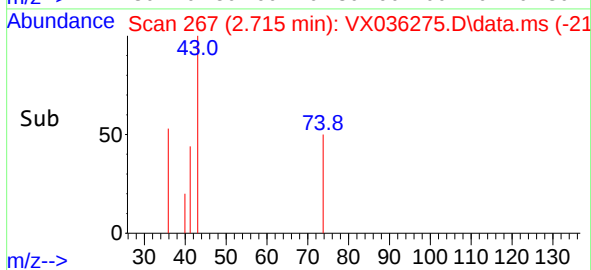
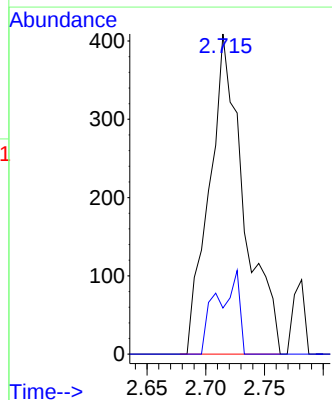
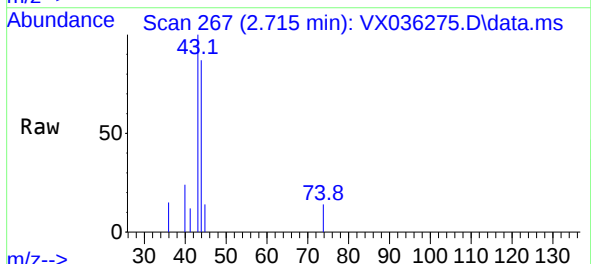
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-7

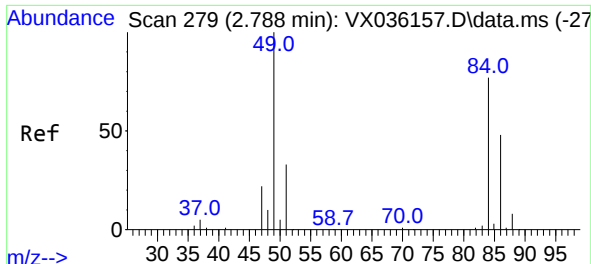
Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 40.0 21.9 32.9#



#18
Methyl Acetate
Concen: 0.204 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
74 16.7 17.8 26.8#

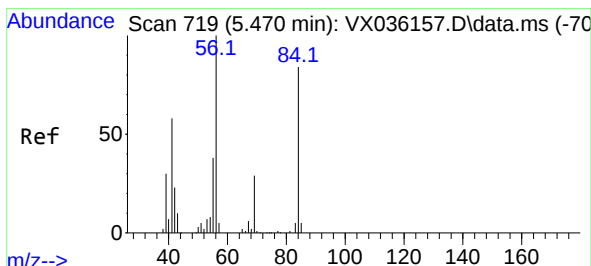
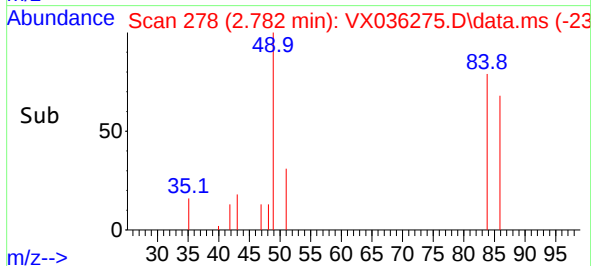
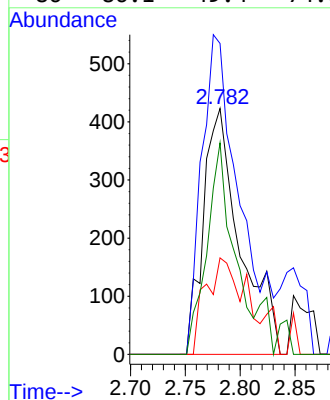
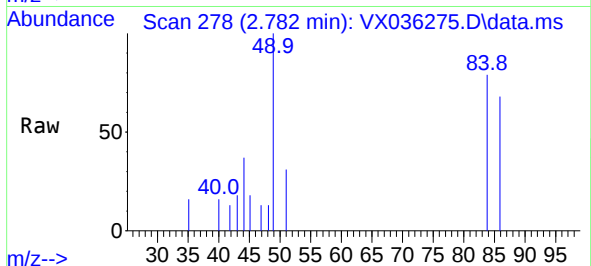




#20
Methylene Chloride
Concen: 0.508 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

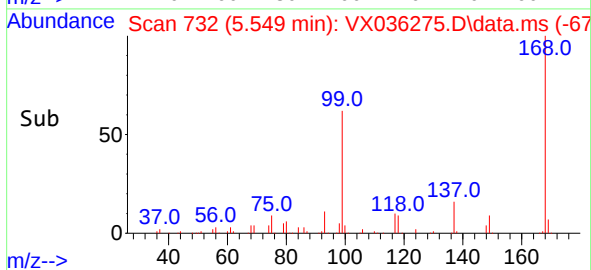
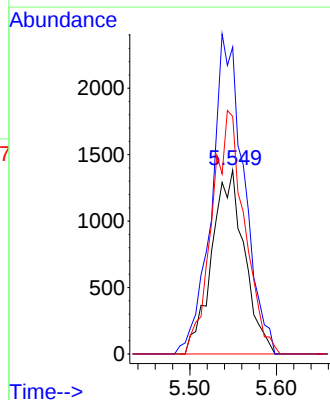
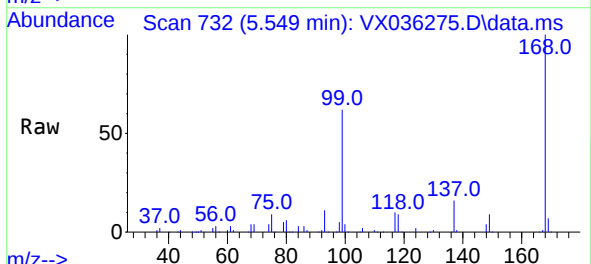
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-7

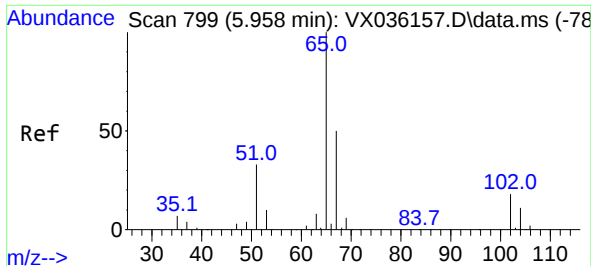
Tgt Ion:	84	Resp:	995
Ion	Ratio	Lower	Upper
84	100		
49	126.5	103.6	155.4
51	39.2	33.8	50.6
86	86.1	49.4	74.0#



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

Tgt Ion:	56	Resp:	3606
Ion	Ratio	Lower	Upper
56	100		
69	167.0	23.4	35.2#
84	129.3	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.011 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036275.D

Acq: 21 Jun 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

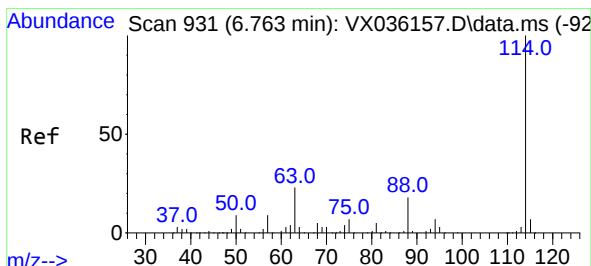
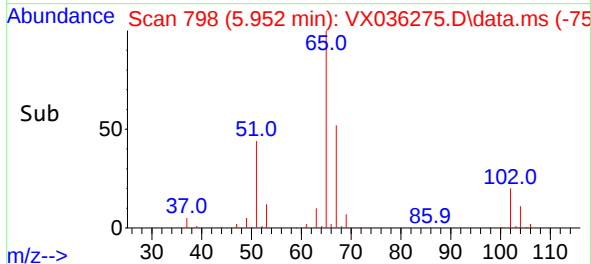
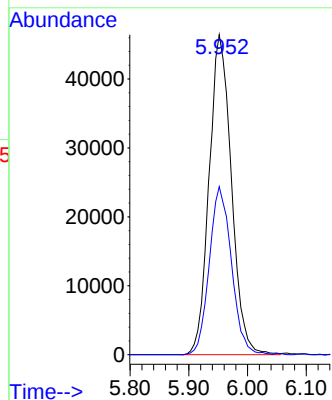
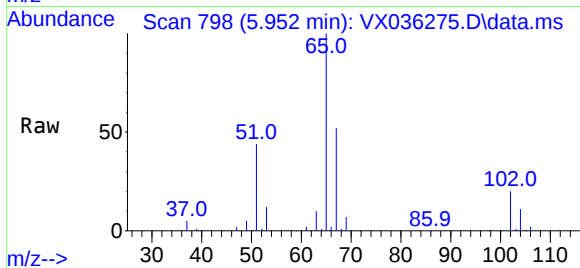
TOTAL-VOC-R-02-GRAB-7

Tgt Ion: 65 Resp: 122423

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.007 min

Lab File: VX036275.D

Acq: 21 Jun 2023 16:55

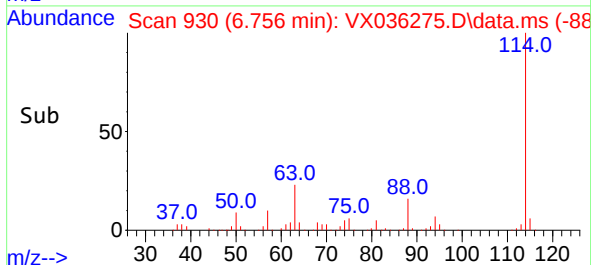
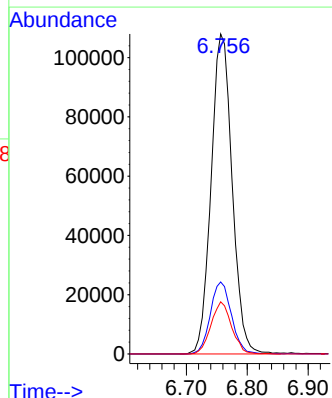
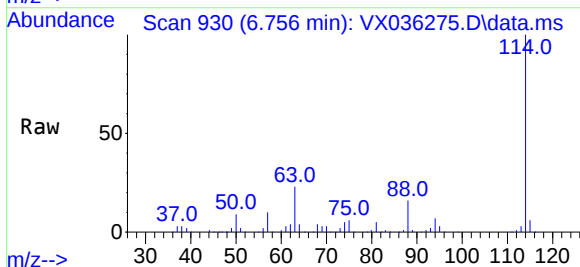
Tgt Ion: 114 Resp: 259047

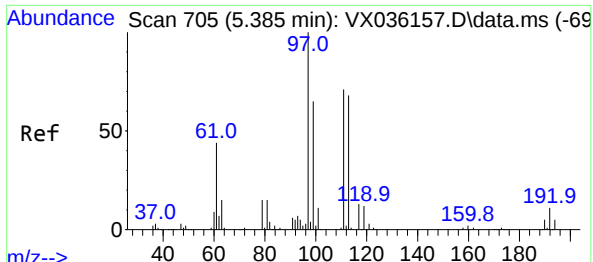
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.920 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036275.D

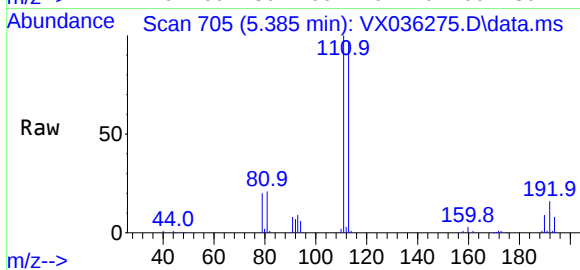
Acq: 21 Jun 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-R-02-GRAB-7



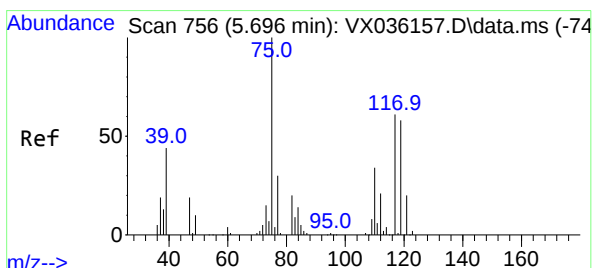
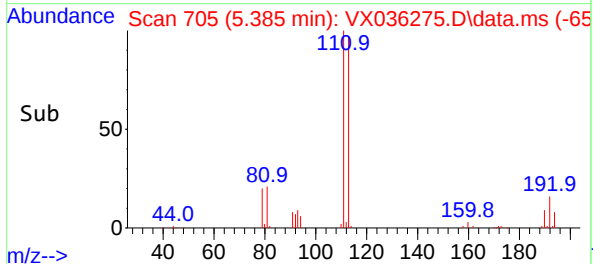
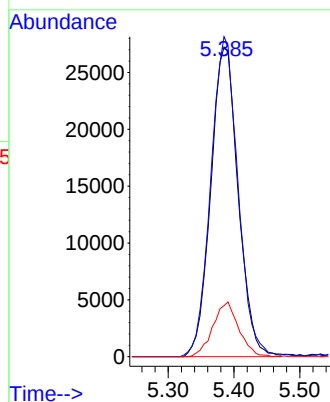
Tgt Ion:113 Resp: 78909

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 16.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.065 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.153 min

Lab File: VX036275.D

Acq: 21 Jun 2023 16:55

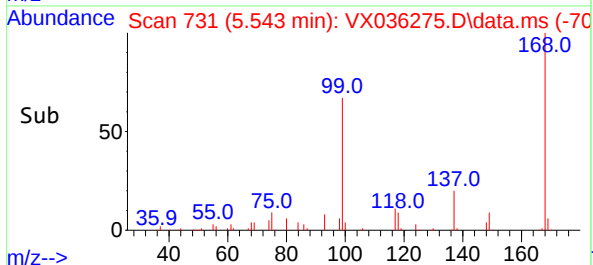
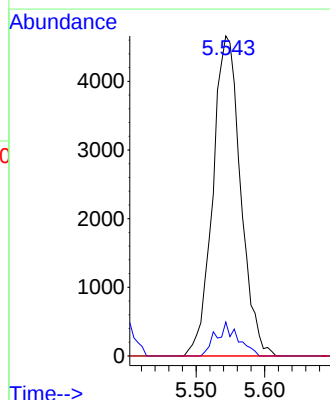
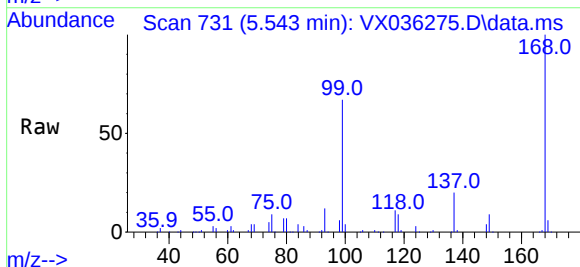
Tgt Ion: 75 Resp: 13107

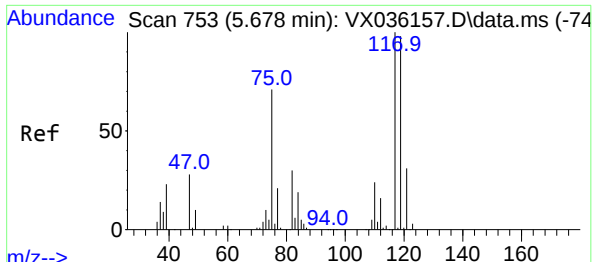
Ion Ratio Lower Upper

75 100

110 8.4 17.0 50.9#

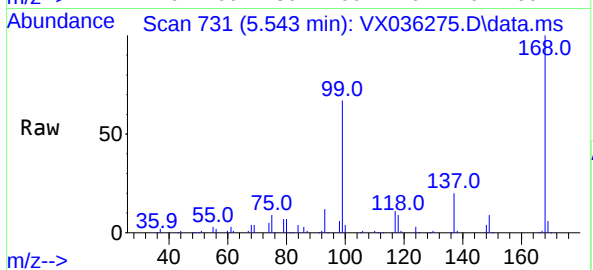
77 0.0 24.7 37.1#



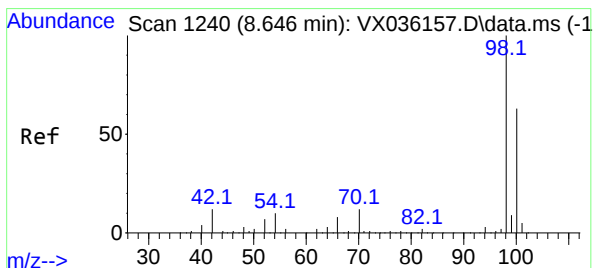
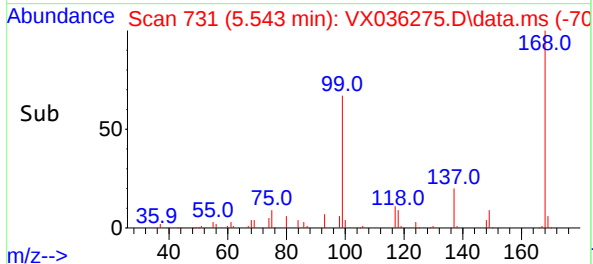
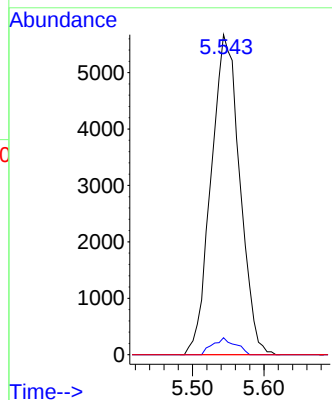


#38
Carbon Tetrachloride
Concen: 6.285 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-7

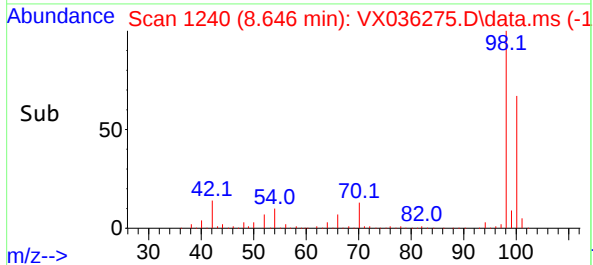
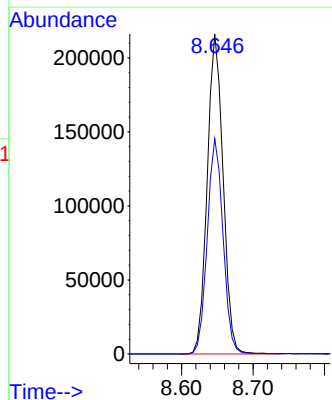
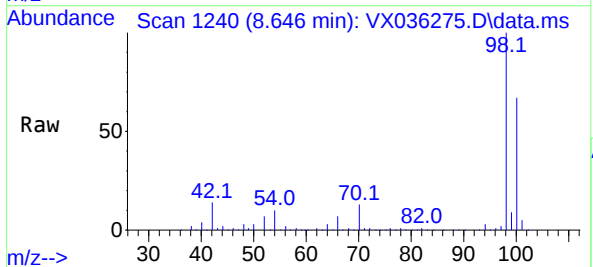


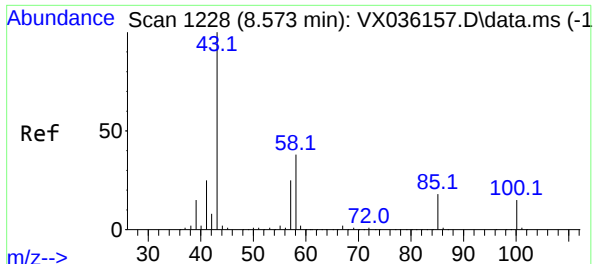
Tgt Ion:117 Resp: 15810
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.800 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

Tgt Ion: 98 Resp: 332851
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.690 ug/l

RT: 8.646 min Scan# 1175

Delta R.T. 0.073 min

Lab File: VX036275.D

Acq: 21 Jun 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

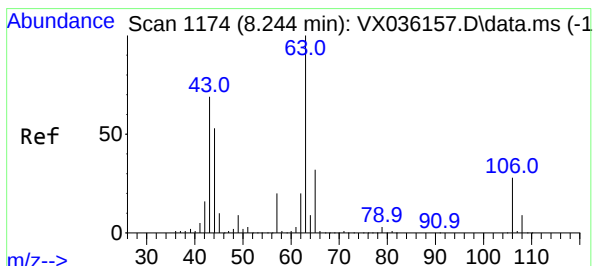
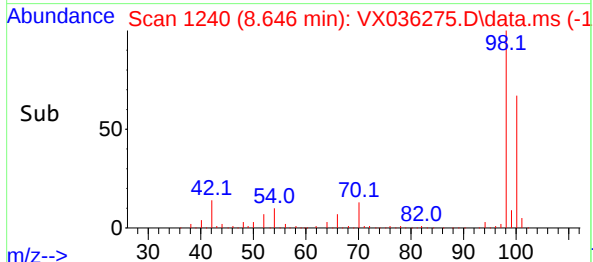
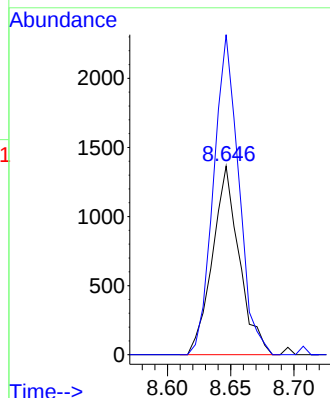
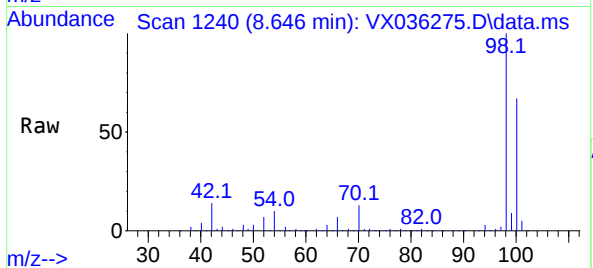
TOTAL-VOC-R-02-GRAB-7

Tgt Ion: 43 Resp: 2009

Ion Ratio Lower Upper

43 100

58 160.0 30.4 45.6#



#58

2-Chloroethyl Vinyl ether

Concen: 1.010 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX036275.D

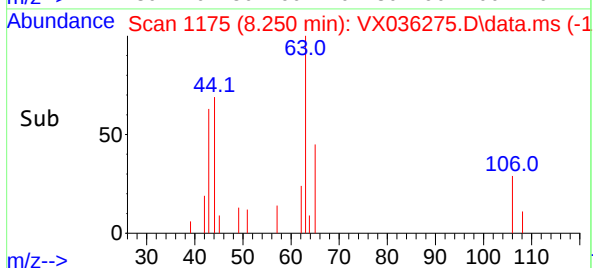
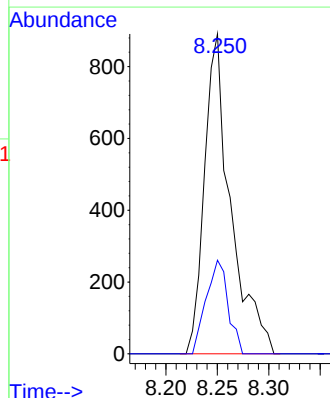
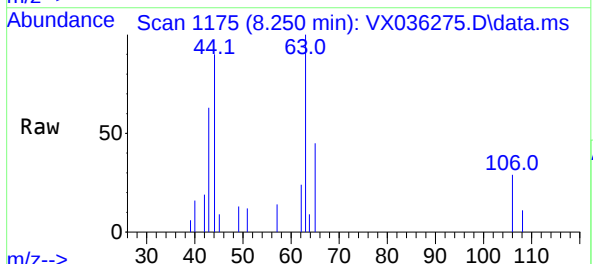
Acq: 21 Jun 2023 16:55

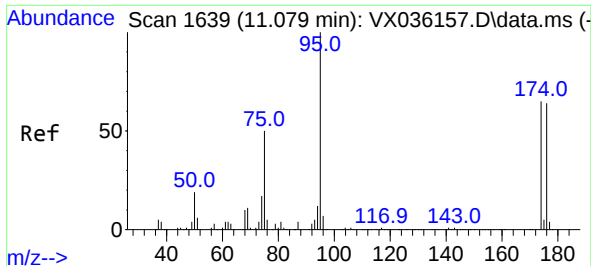
Tgt Ion: 63 Resp: 1582

Ion Ratio Lower Upper

63 100

106 24.5 22.5 33.7

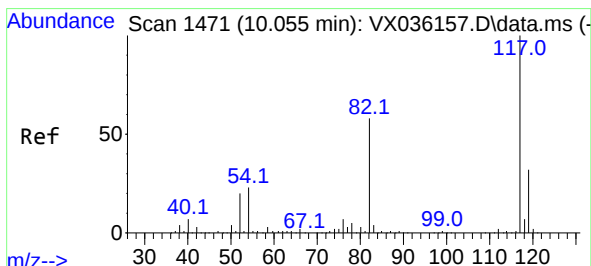
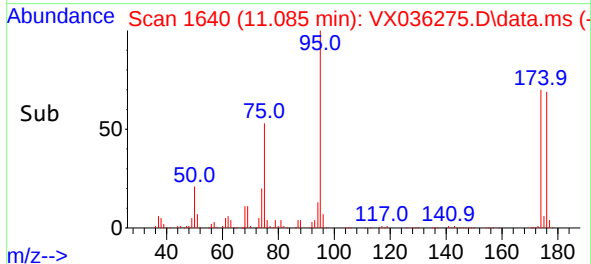
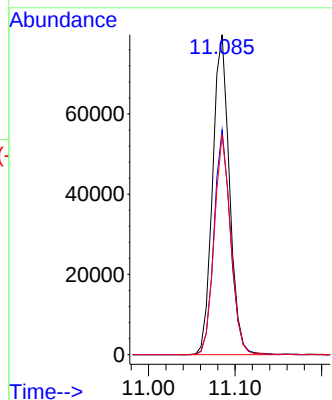
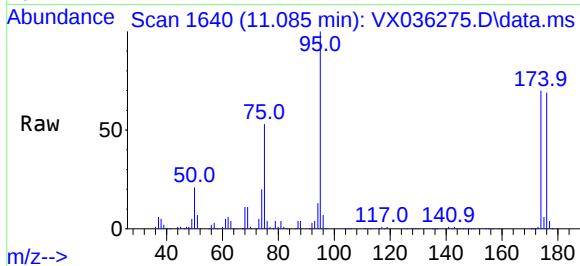




#62
4-Bromofluorobenzene
Concen: 41.552 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

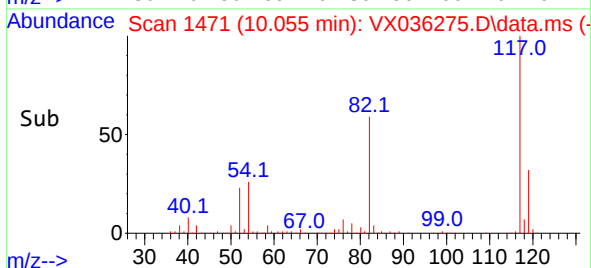
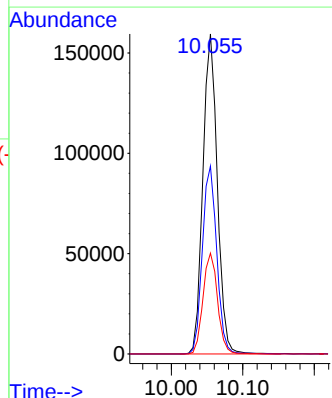
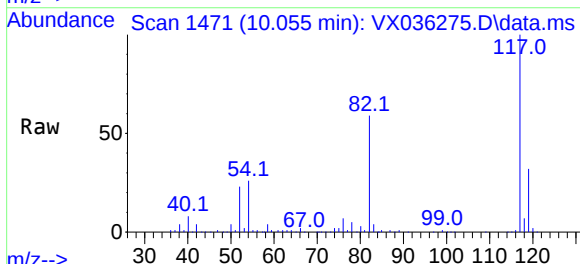
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-7

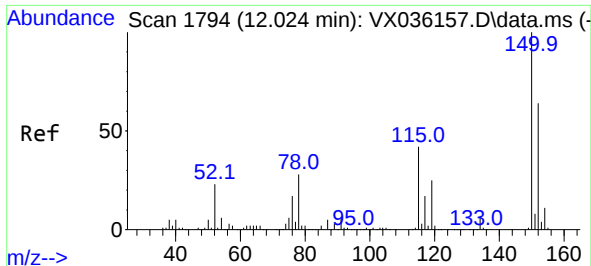
Tgt Ion: 95 Resp: 107778
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.6
176 67.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

Tgt Ion: 117 Resp: 223631
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 31.5 25.5 38.3

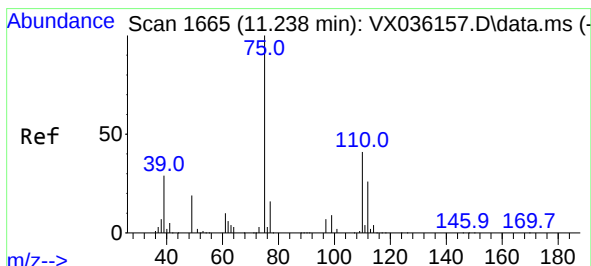
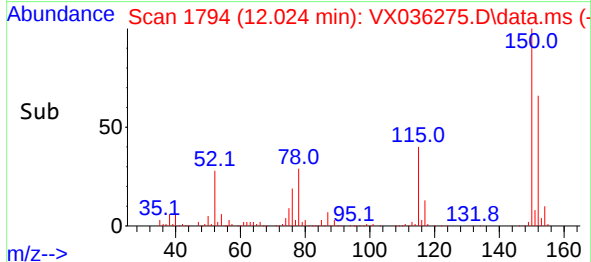
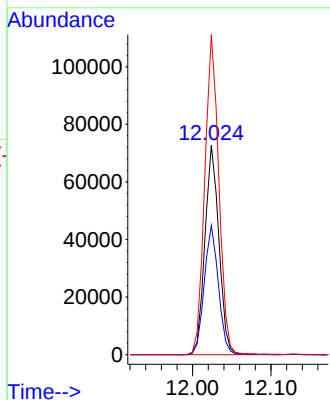
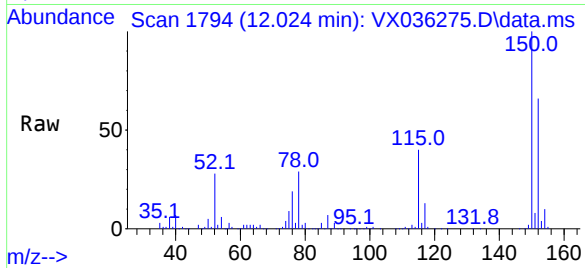




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

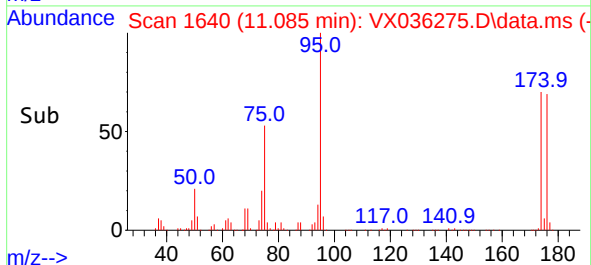
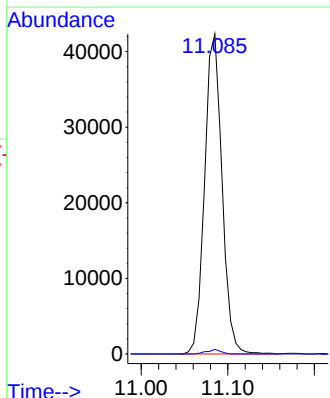
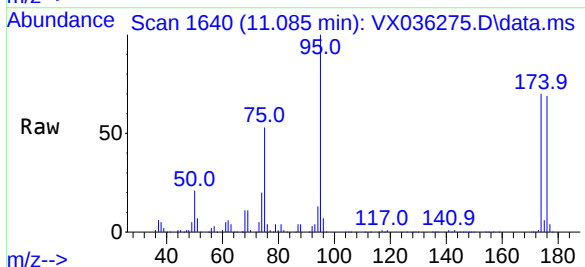
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-7

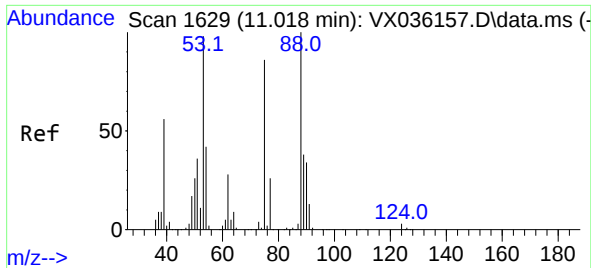
Tgt Ion:152 Resp: 90058
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 153.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 27.647 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX036275.D
Acq: 21 Jun 2023 16:55

Tgt Ion: 75 Resp: 59090
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.769 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX036275.D
 Acq: 21 Jun 2023 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-R-02-GRAB-7

Tgt Ion: 75 Resp: 59090
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

