

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036767.D
 Acq On : 02 Aug 2023 13:53
 Operator : JC/MD
 Sample : 03862-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 03 07:28:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	146529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98160	45.274	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.540%
35) Dibromofluoromethane	5.385	113	84145	46.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.600%
50) Toluene-d8	8.647	98	318743	49.459	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.079	95	116292	47.829	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.660%

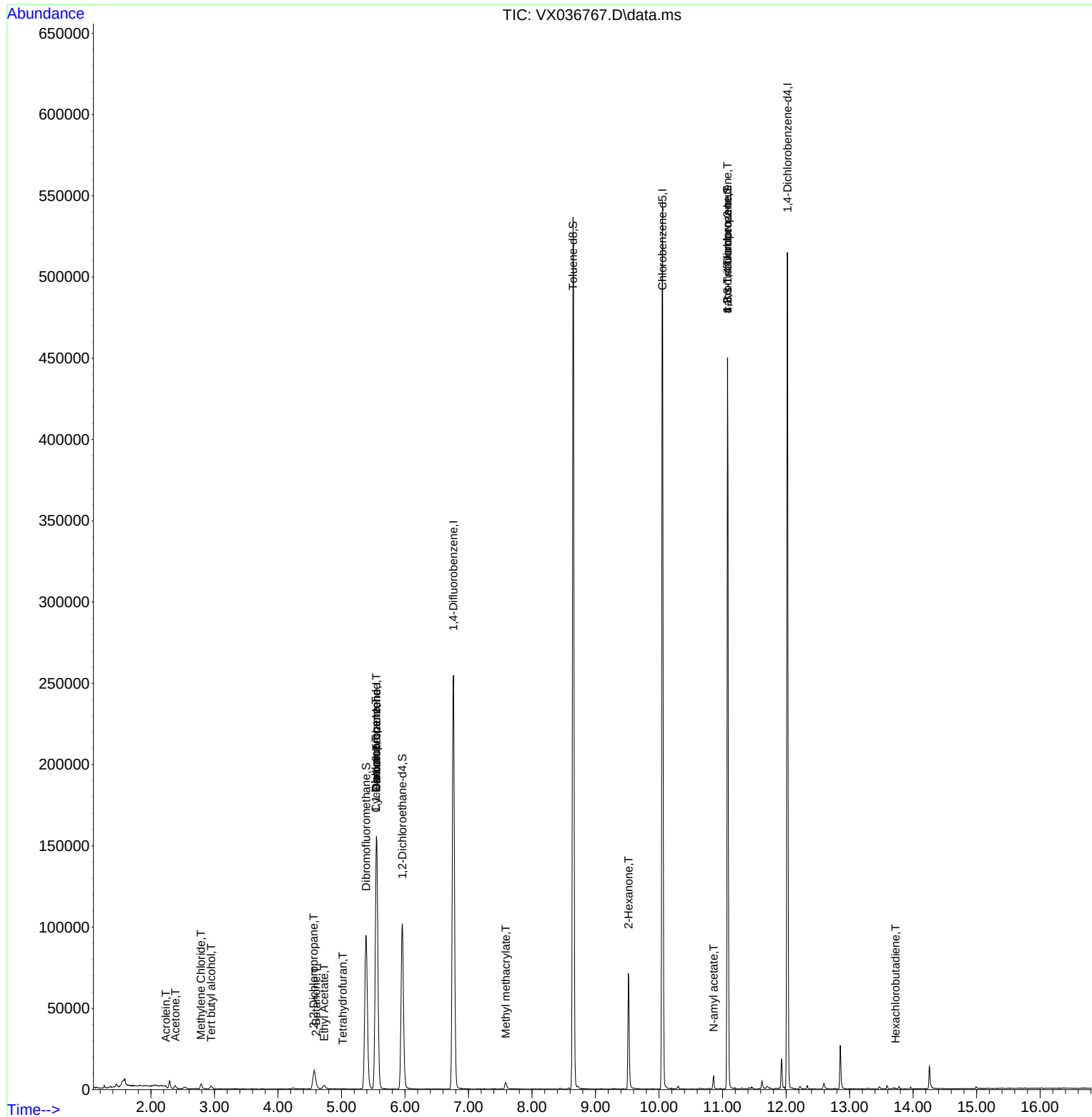
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	1394	2.716	ug/l #	78
13) Acrolein	2.233	56	479	1.635	ug/l #	58
16) Acetone	2.386	43	2252	2.503	ug/l	97
20) Methylene Chloride	2.788	84	1623	0.811	ug/l #	87
25) 2-Butanone	4.599	43	1041	0.713	ug/l #	51
26) 2,2-Dichloropropane	4.562	77	1032	0.318	ug/l #	54
29) Tetrahydrofuran	5.019	42	189	0.201	ug/l #	34
31) Cyclohexane	5.544	56	3281	1.093	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12206	4.506	ug/l #	51
37) Ethyl Acetate	4.727	43	4333	1.413	ug/l	98
38) Carbon Tetrachloride	5.550	117	15449	5.365	ug/l #	14
48) Methyl methacrylate	7.586	41	1550	0.632	ug/l #	48
59) 2-Hexanone	9.518	43	9923	4.578	ug/l #	49
74) N-amyl acetate	10.860	43	1216	0.293	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	61654	24.412	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61654	55.331	ug/l #	5
94) Hexachlorobutadiene	13.725	225	193	0.209	ug/l #	55

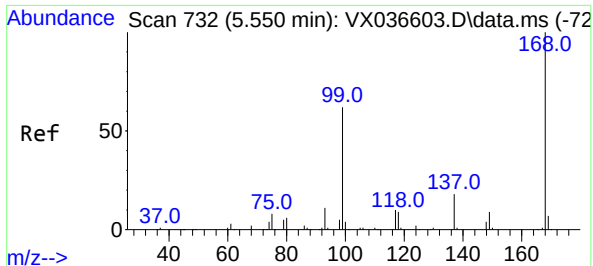
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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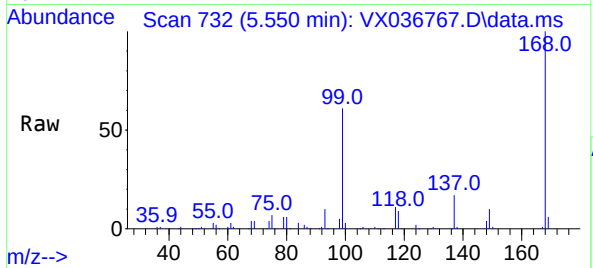
Quant Time: Aug 03 07:28:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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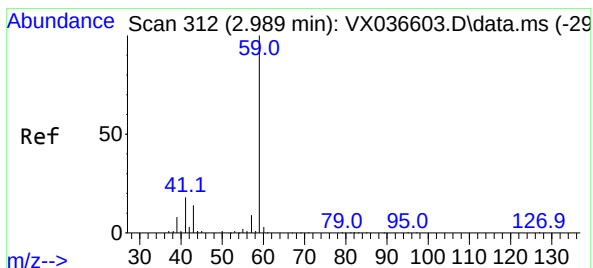
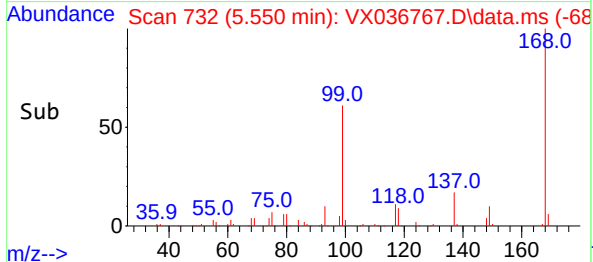
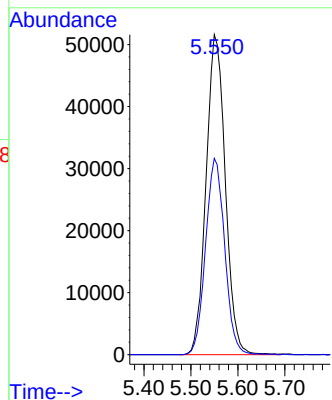


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :

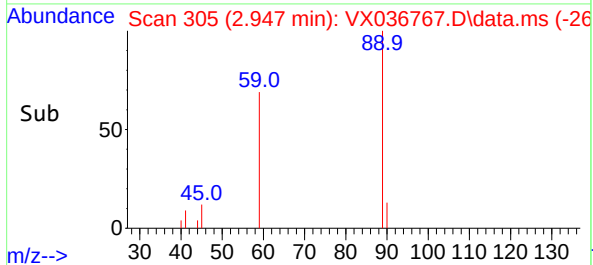
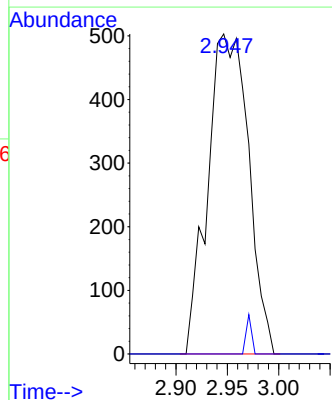
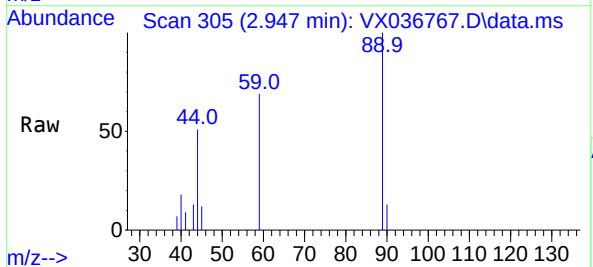


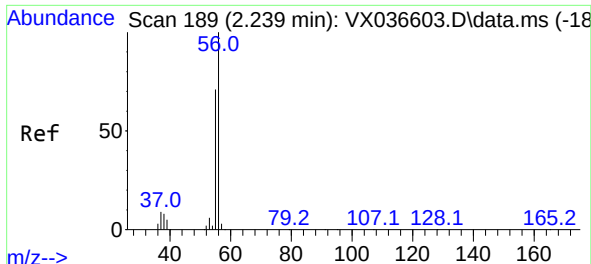
Tgt Ion:168 Resp: 146529
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.716 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

Tgt Ion: 59 Resp: 1394
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

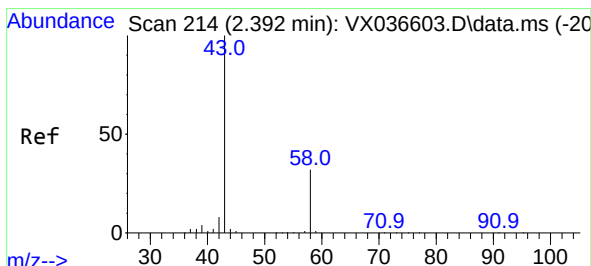
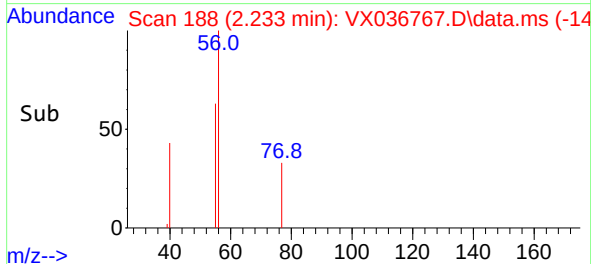
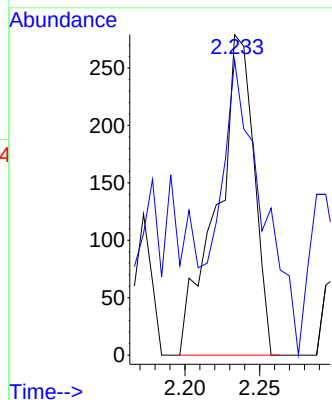
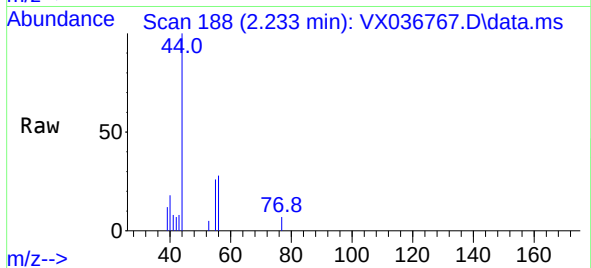




#13
Acrolein
Concen: 1.635 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

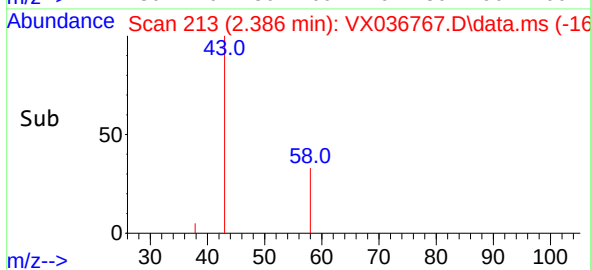
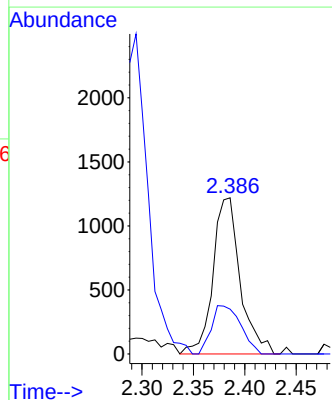
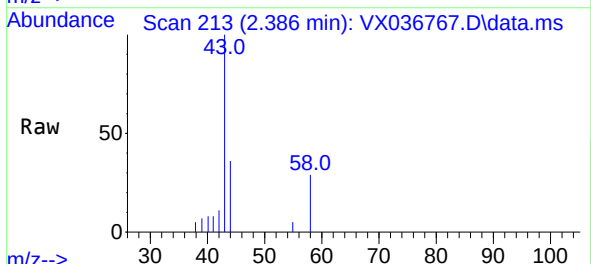
Instrument :
MSVOA_X
ClientSampleId :

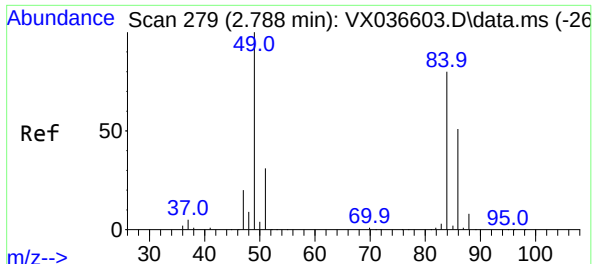
Tgt Ion: 56 Resp: 479
Ion Ratio Lower Upper
56 100
55 105.8 57.1 85.7#



#16
Acetone
Concen: 2.503 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

Tgt Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9





#20

Methylene Chloride

Concen: 0.811 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

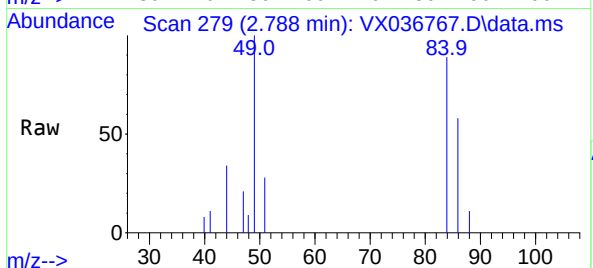
Lab File: VX036767.D

Acq: 02 Aug 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1623

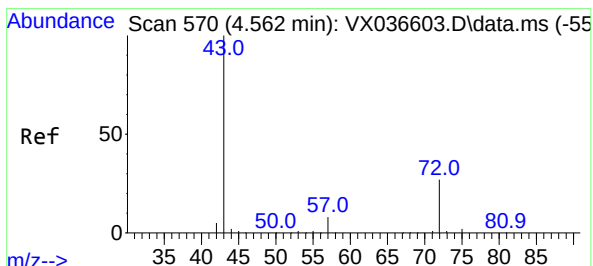
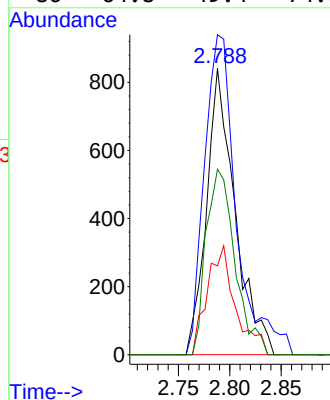
Ion Ratio Lower Upper

84 100

49 111.8 103.6 155.4

51 31.0 33.8 50.6#

86 64.8 49.4 74.0



#25

2-Butanone

Concen: 0.713 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.037 min

Lab File: VX036767.D

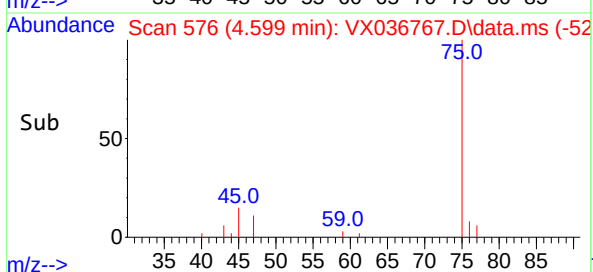
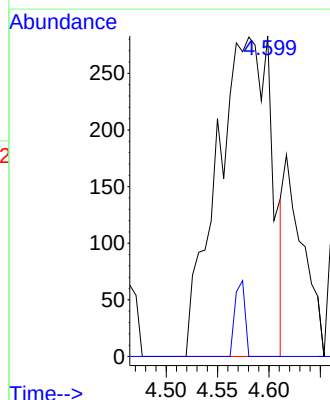
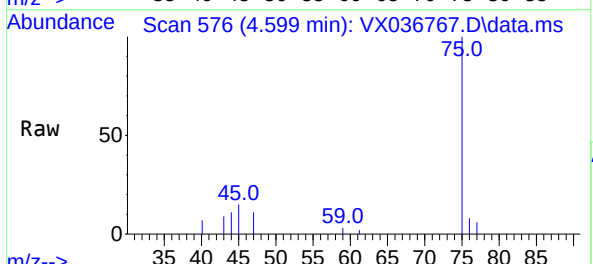
Acq: 02 Aug 2023 13:53

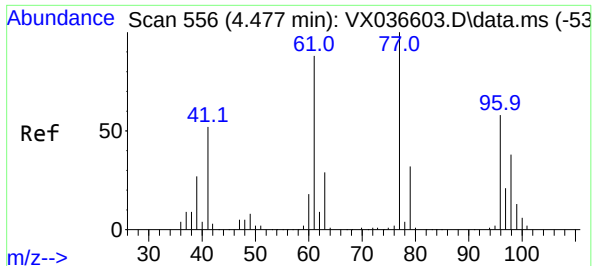
Tgt Ion: 43 Resp: 1041

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.318 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.085 min

Lab File: VX036767.D

Acq: 02 Aug 2023 13:53

Instrument :

MSVOA_X

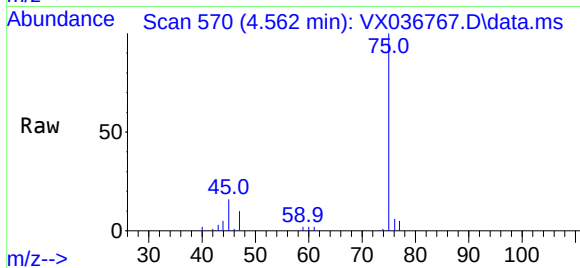
ClientSampleId :

Tgt Ion: 77 Resp: 1032

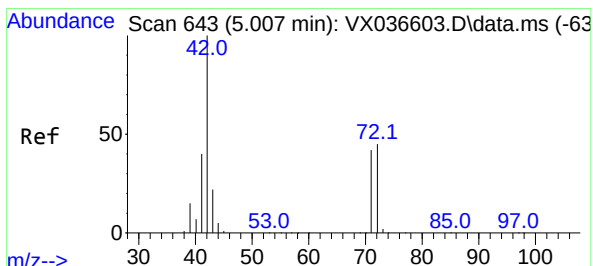
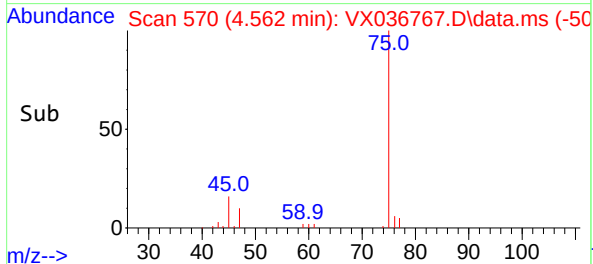
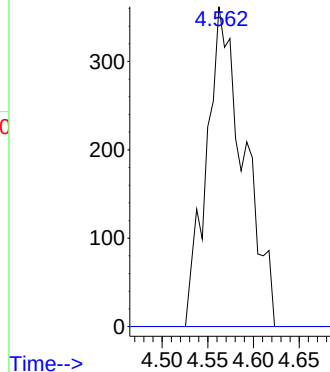
Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



Abundance



#29

Tetrahydrofuran

Concen: 0.201 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX036767.D

Acq: 02 Aug 2023 13:53

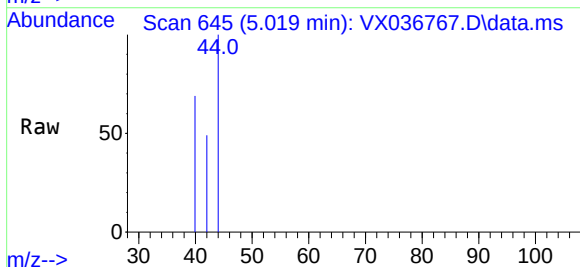
Tgt Ion: 42 Resp: 189

Ion Ratio Lower Upper

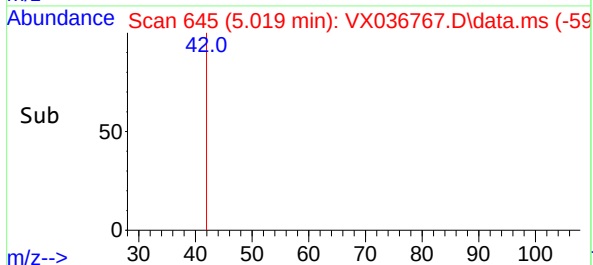
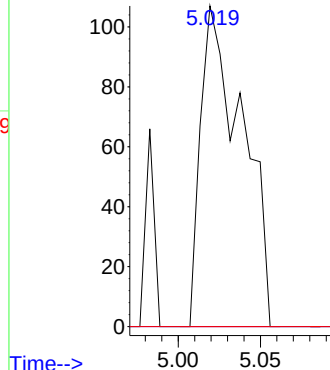
42 100

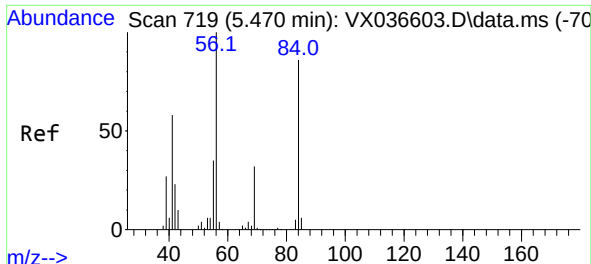
72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



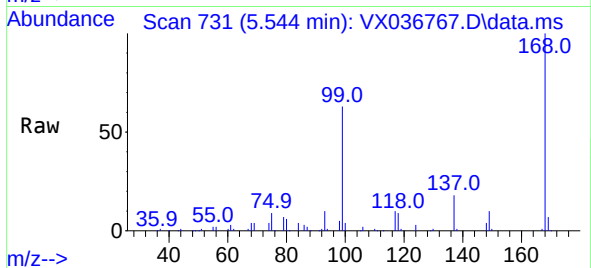
Abundance



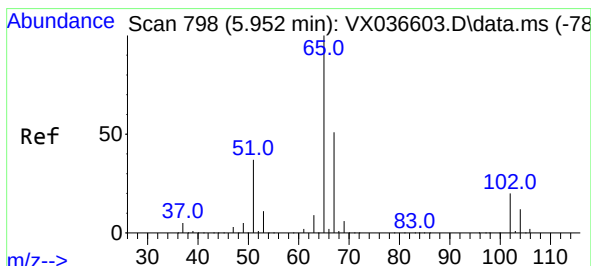
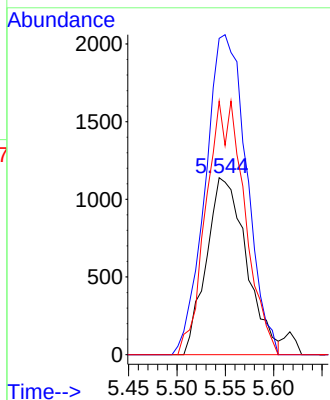
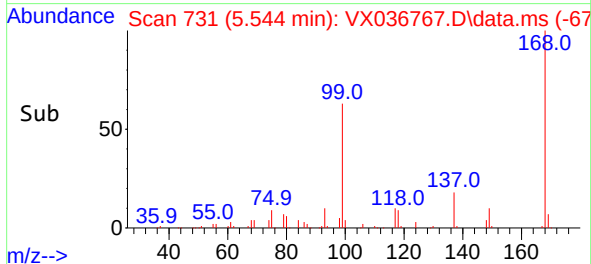


#31
Cyclohexane
Concen: 1.093 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :

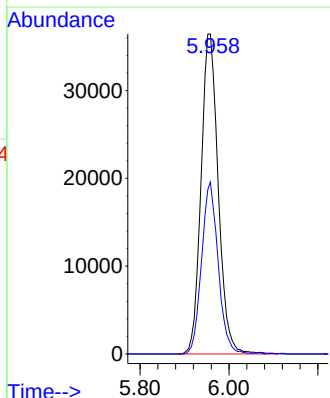
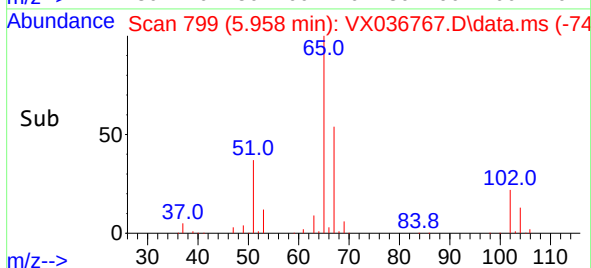
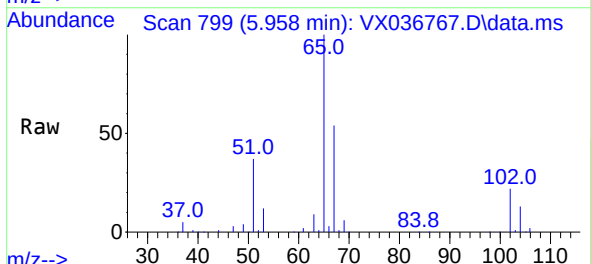


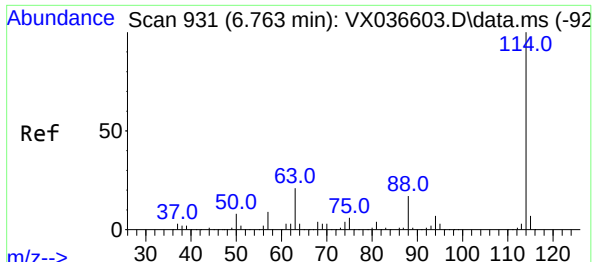
Tgt Ion: 56 Resp: 3281
Ion Ratio Lower Upper
56 100
69 178.8 23.4 35.2#
84 143.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.274 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

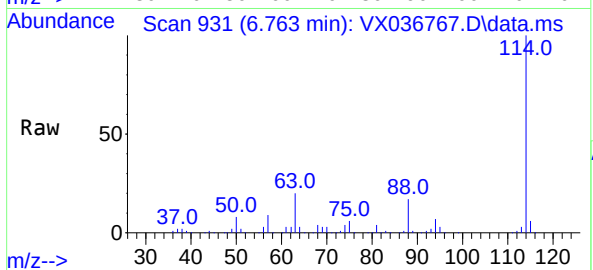
Tgt Ion: 65 Resp: 98160
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2



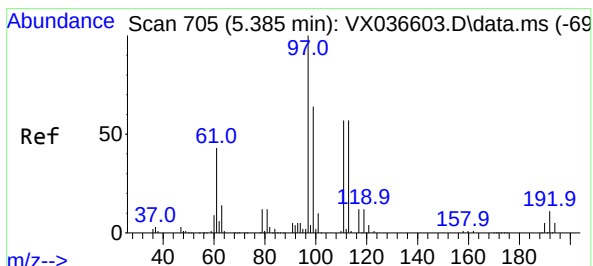
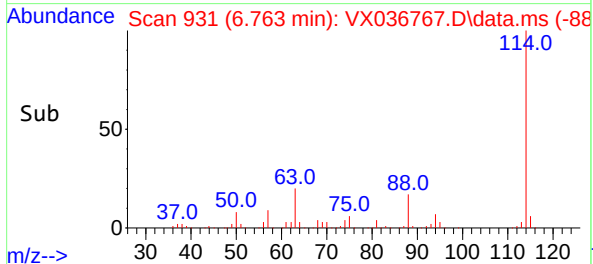
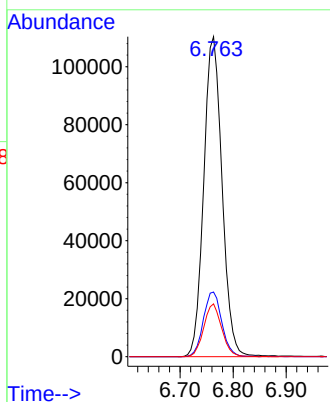


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :

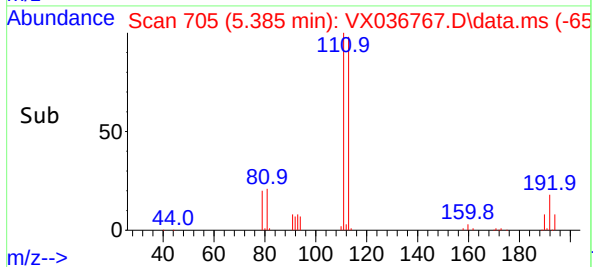
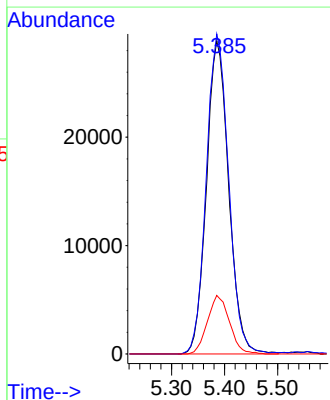
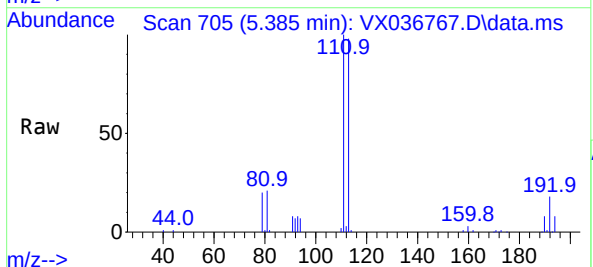


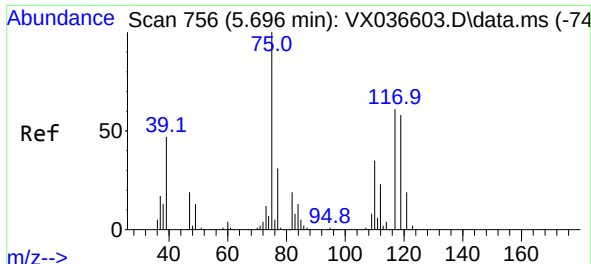
Tgt Ion:114 Resp: 264394
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.302 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

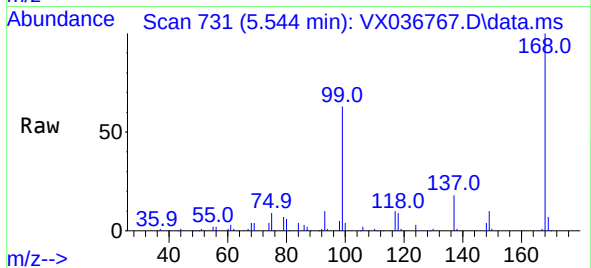
Tgt Ion:113 Resp: 84145
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.5 13.3 19.9



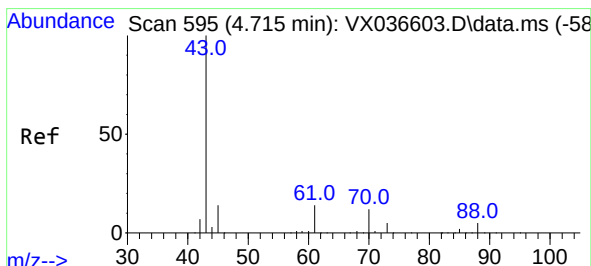
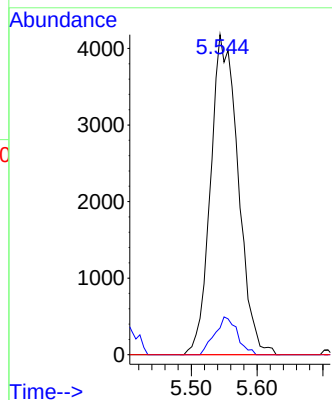
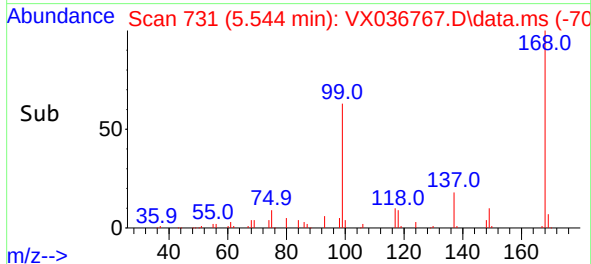


#36
1,1-Dichloropropene
Concen: 4.506 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

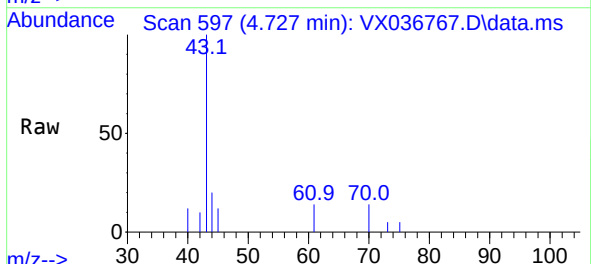
Instrument :
MSVOA_X
ClientSampleId :



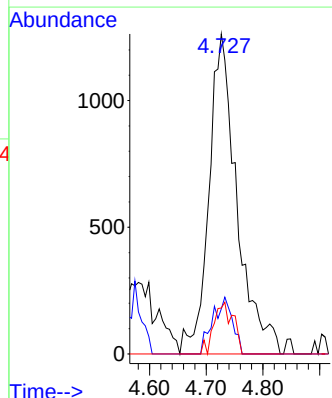
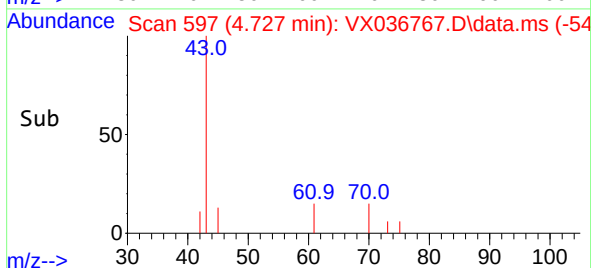
Tgt Ion: 75 Resp: 12206
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#

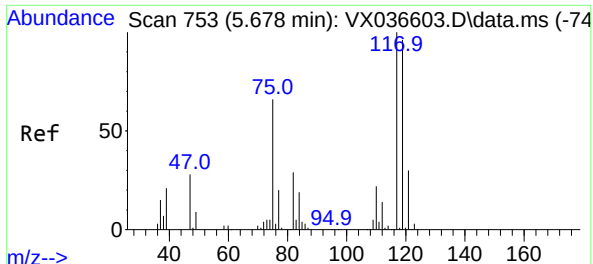


#37
Ethyl Acetate
Concen: 1.413 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53



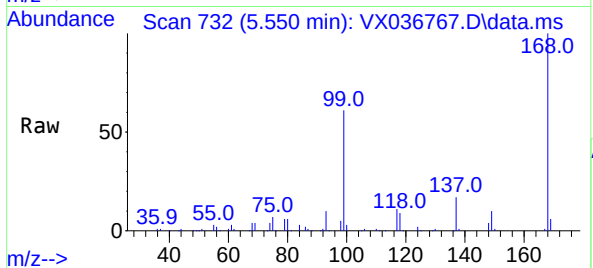
Tgt Ion: 43 Resp: 4333
Ion Ratio Lower Upper
43 100
61 12.6 10.6 16.0
70 11.1 8.3 12.5



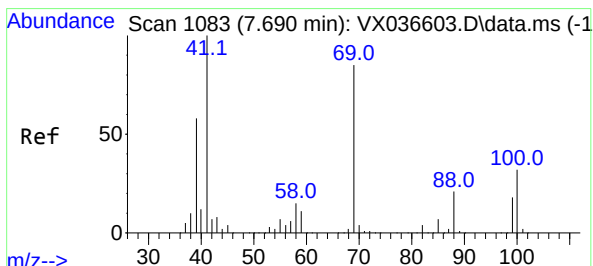
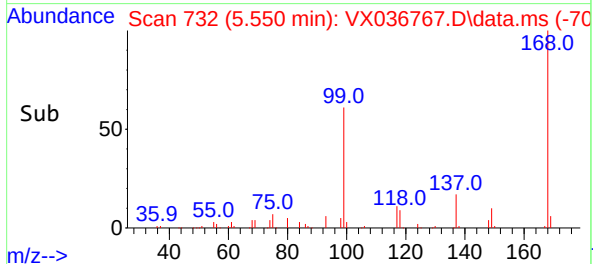
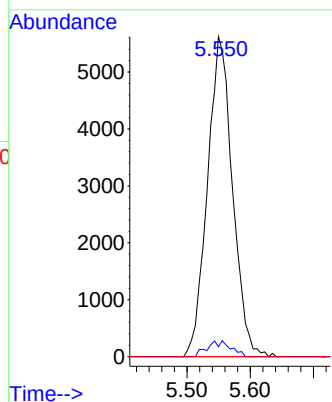


#38
Carbon Tetrachloride
Concen: 5.365 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :

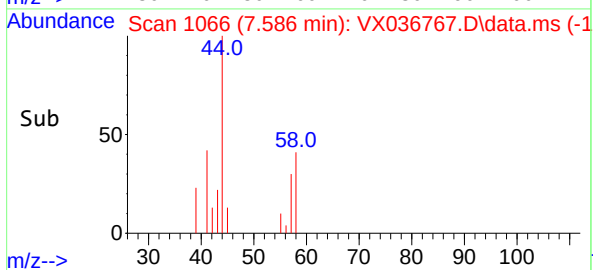
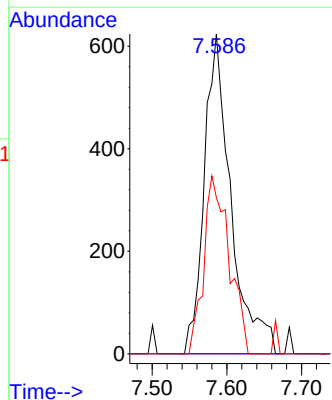
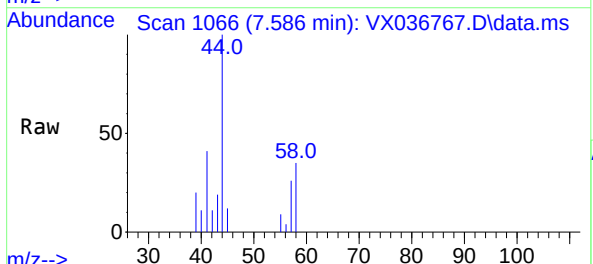


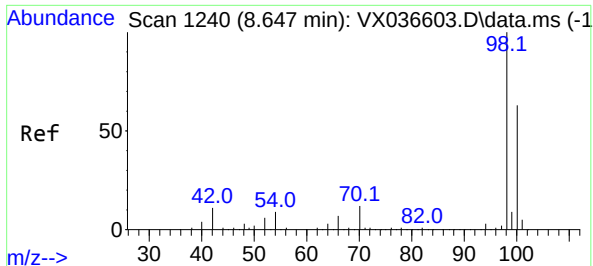
Tgt Ion:117 Resp: 15449
Ion Ratio Lower Upper
117 100
119 3.1 78.2 117.2#
121 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 0.632 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.104 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

Tgt Ion: 41 Resp: 1550
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 52.8 47.7 71.5

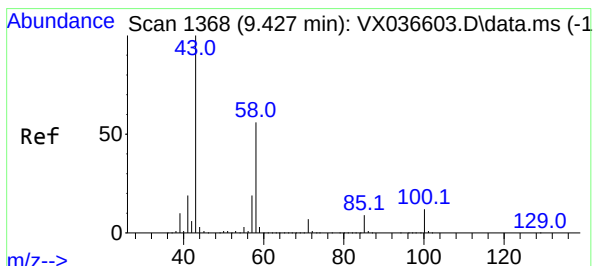
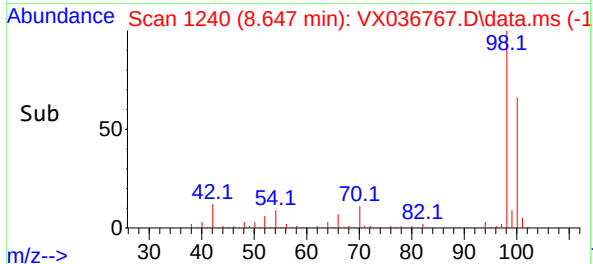
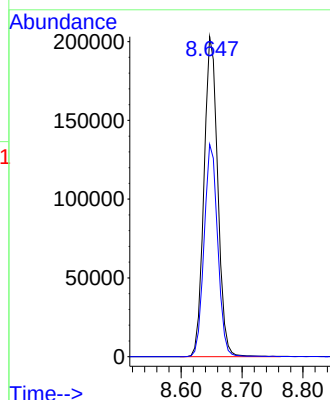
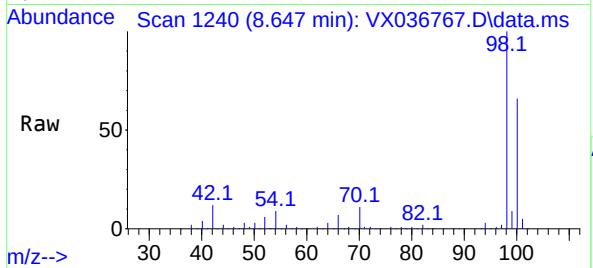




#50
Toluene-d8
Concen: 49.459 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

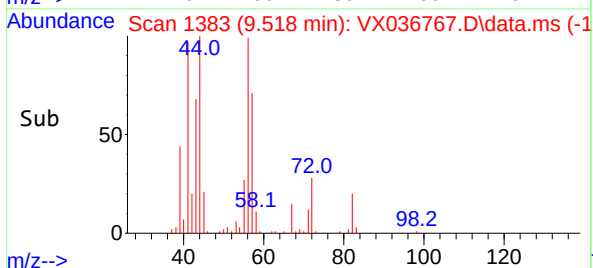
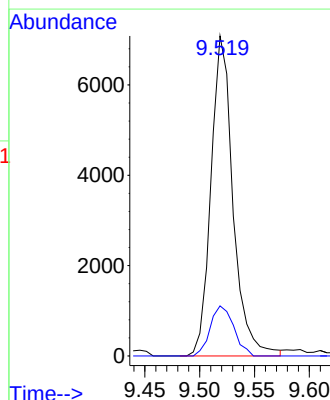
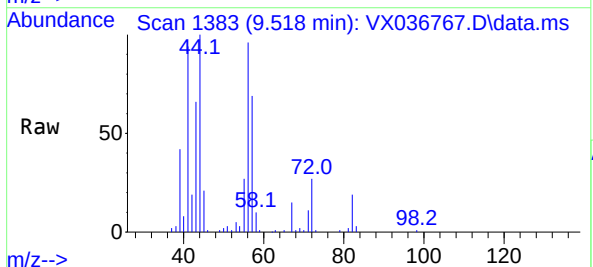
Instrument :
MSVOA_X
ClientSampleId :

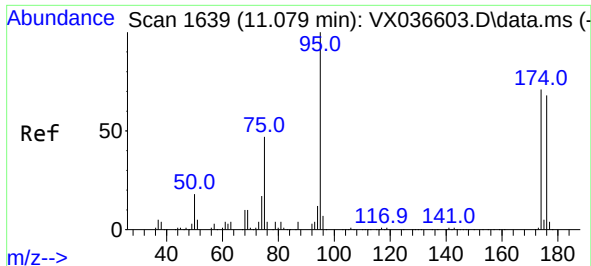
Tgt Ion: 98 Resp: 318743
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#59
2-Hexanone
Concen: 4.578 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.091 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

Tgt Ion: 43 Resp: 9923
Ion Ratio Lower Upper
43 100
58 16.6 26.2 78.5#

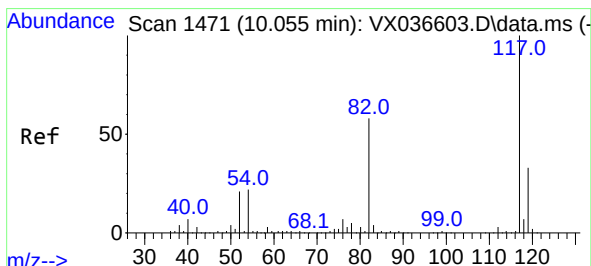
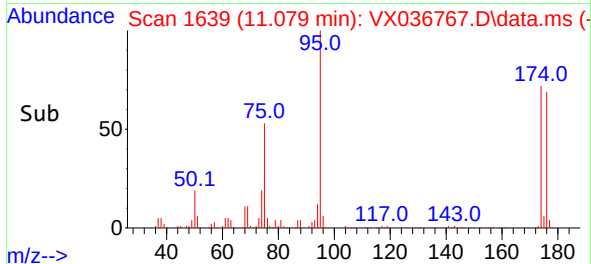
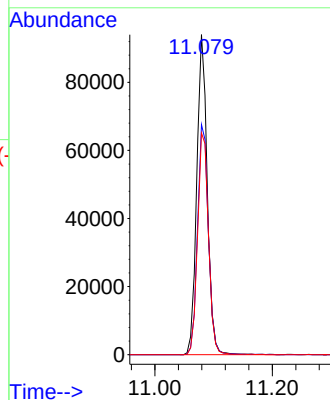
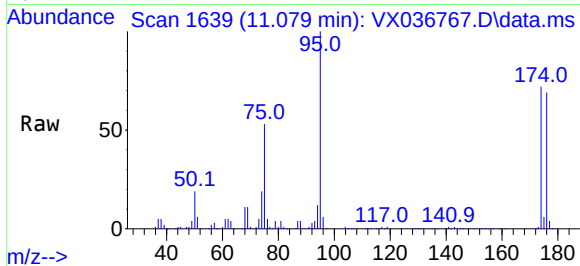




#62
4-Bromofluorobenzene
Concen: 47.829 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

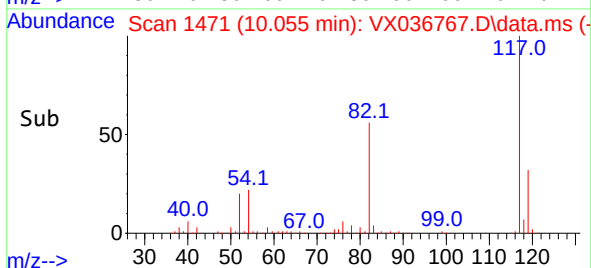
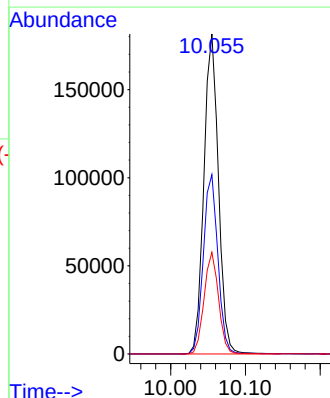
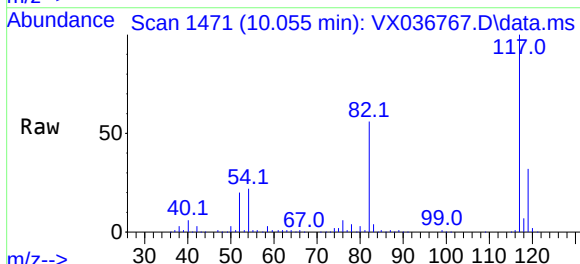
Instrument :
MSVOA_X
ClientSampleId :

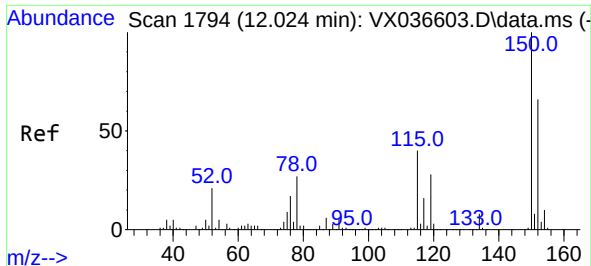
Tgt Ion: 95 Resp: 116292
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 72.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

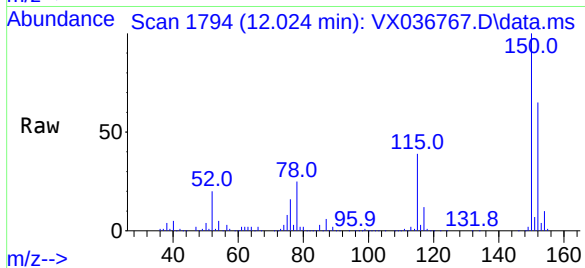
Tgt Ion: 117 Resp: 245357
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.8 25.5 38.3



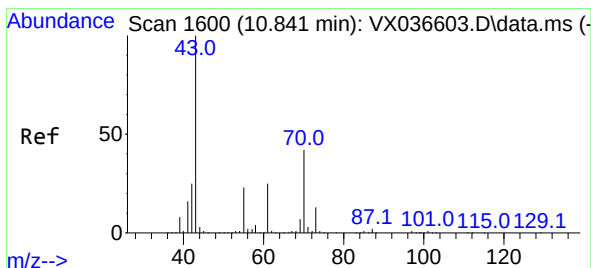
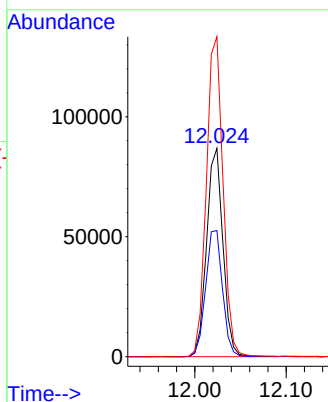
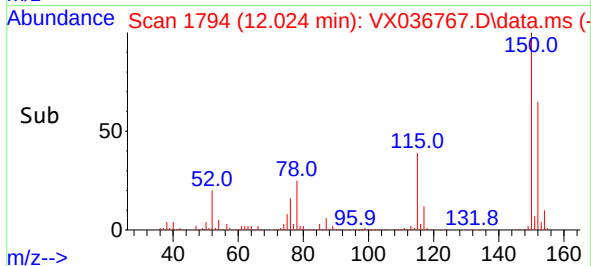


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

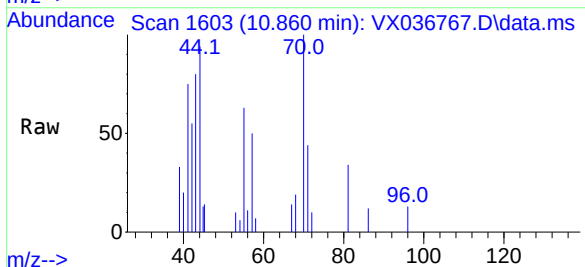
Instrument :
MSVOA_X
ClientSampleId :



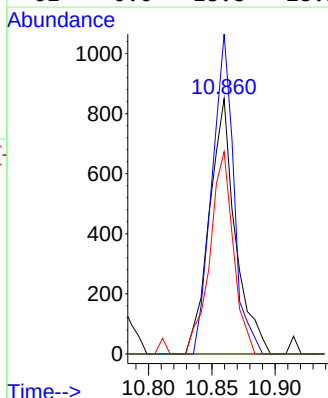
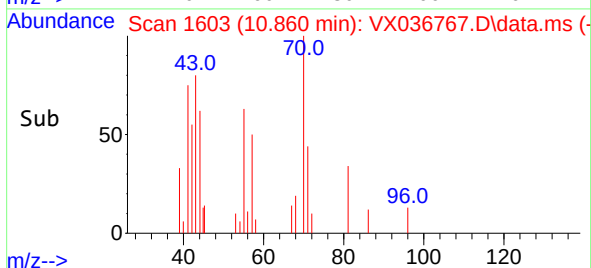
Tgt Ion:152 Resp: 107375
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 156.4 0.0 345.0

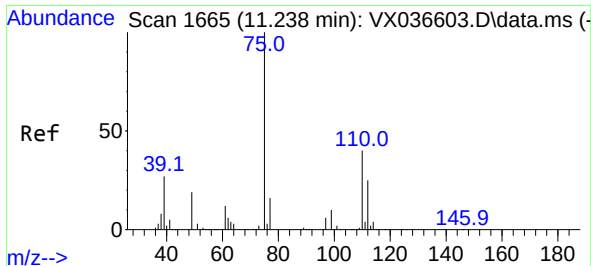


#74
N-ethyl acetate
Concen: 0.293 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53



Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
70 104.9 32.9 49.3#
55 71.2 19.3 28.9#
61 0.0 18.8 28.2#

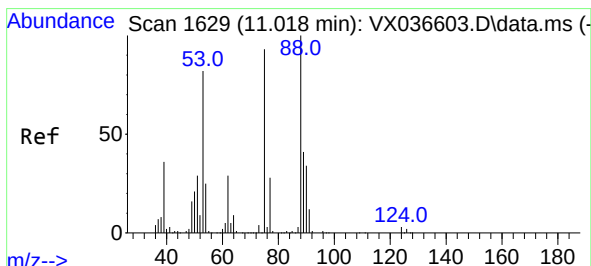
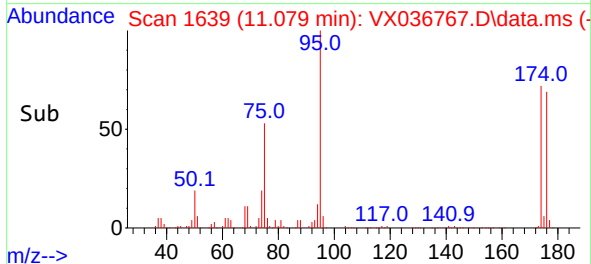
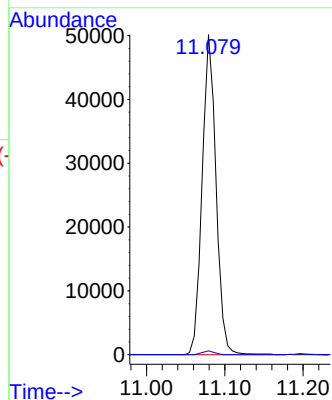
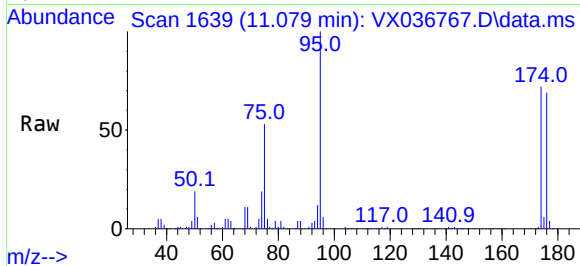




#76
1,2,3-Trichloropropane
Concen: 24.412 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

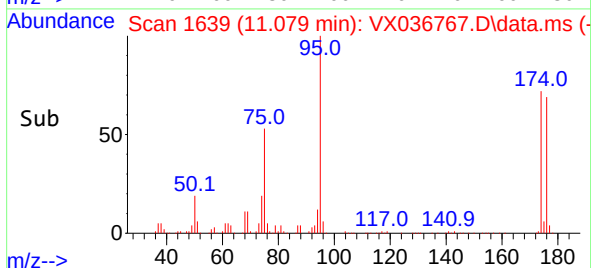
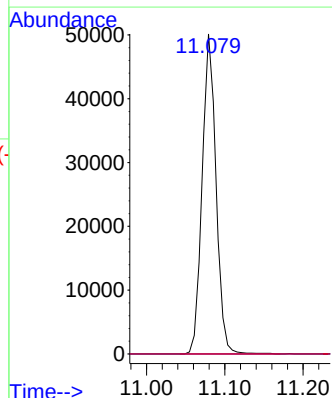
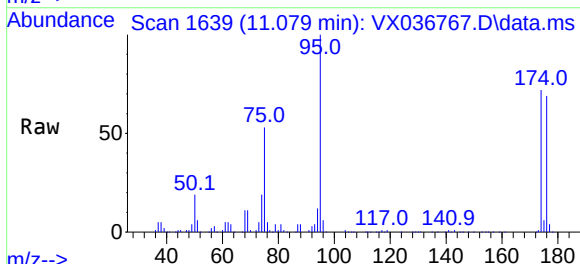
Instrument :
MSVOA_X
ClientSampleId :

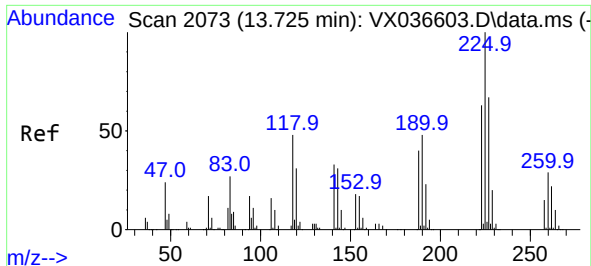
Tgt Ion: 75 Resp: 61654
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036767.D
Acq: 02 Aug 2023 13:53

Tgt Ion: 75 Resp: 61654
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.209 ug/l

RT: 13.725 min Scan# 20

Delta R.T. -0.000 min

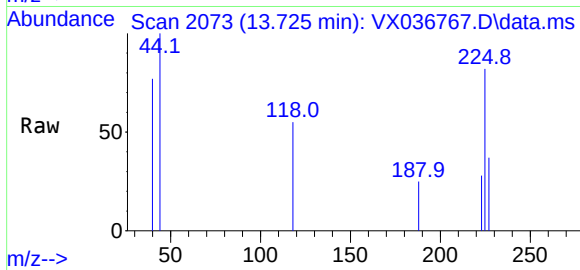
Lab File: VX036767.D

Acq: 02 Aug 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:225 Resp: 193

Ion Ratio Lower Upper

225 100

223 25.9 31.1 93.2#

227 31.1 32.5 97.5#

