

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036786.D
 Acq On : 03 Aug 2023 09:42
 Operator : JC/MD
 Sample : VX0803MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803MBL01

Quant Time: Aug 04 07:30:33 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)

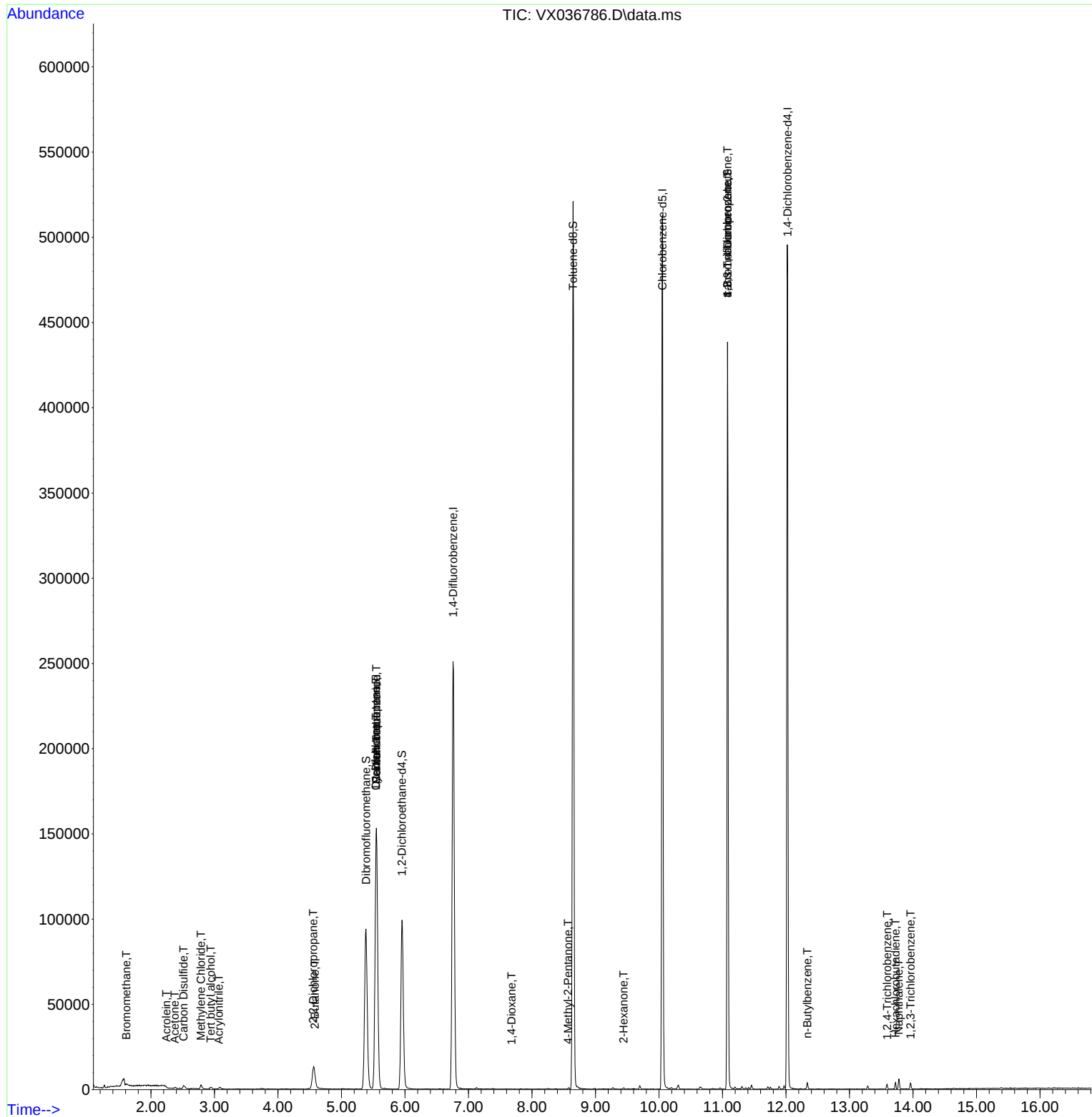
Internal Standards						
1) Pentafluorobenzene	5.550	168	143743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	259635	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96444	45.345	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.700%		
35) Dibromofluoromethane	5.385	113	82218	46.071	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.140%		
50) Toluene-d8	8.647	98	307924	48.656	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.320%		
62) 4-Bromofluorobenzene	11.079	95	113931	47.717	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.440%		
Target Compounds						Qvalue
5) Bromomethane	1.612	94	345	0.329	ug/l	90
11) Tert butyl alcohol	2.941	59	933	1.853	ug/l #	78
13) Acrolein	2.240	56	570	1.984	ug/l #	77
15) Acrylonitrile	3.069	53	262	0.259	ug/l #	49
16) Acetone	2.374	43	1038	1.176	ug/l	97
17) Carbon Disulfide	2.514	76	1982	0.446	ug/l	98
20) Methylene Chloride	2.788	84	1106	0.563	ug/l	98
25) 2-Butanone	4.581	43	1304	0.911	ug/l #	51
26) 2,2-Dichloropropane	4.556	77	1251	0.393	ug/l #	54
31) Cyclohexane	5.544	56	3377	1.147	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11596	4.360	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15063	5.327	ug/l #	15
49) 1,4-Dioxane	7.678	88	23	0.472	ug/l #	12
51) 4-Methyl-2-Pentanone	8.568	43	609	0.212	ug/l #	78
59) 2-Hexanone	9.439	43	537	0.252	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	58772	24.757	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58772	56.113	ug/l #	5
89) n-Butylbenzene	12.335	91	1338	0.212	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	973	0.465	ug/l	83
94) Hexachlorobutadiene	13.725	225	615	0.710	ug/l	87
95) Naphthalene	13.774	128	4453	0.610	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1047	0.507	ug/l	98

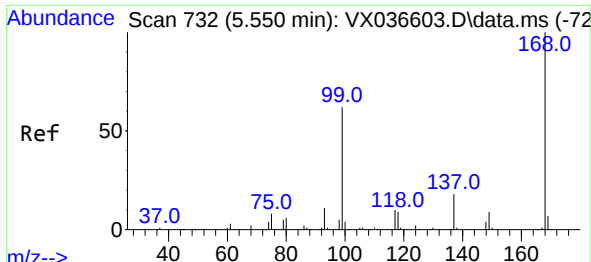
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
Data File : VX036786.D
Acq On : 03 Aug 2023 09:42
Operator : JC/MD
Sample : VX0803MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

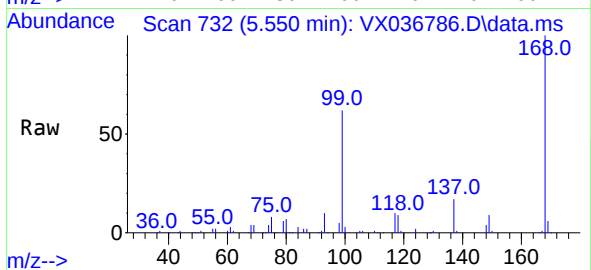
Quant Time: Aug 04 07:30:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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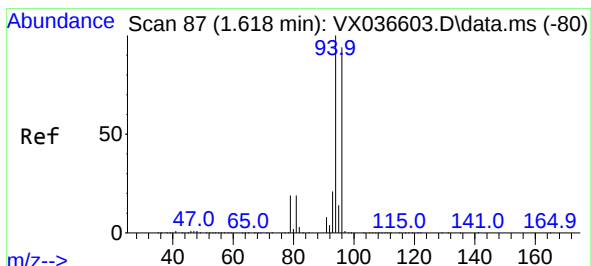
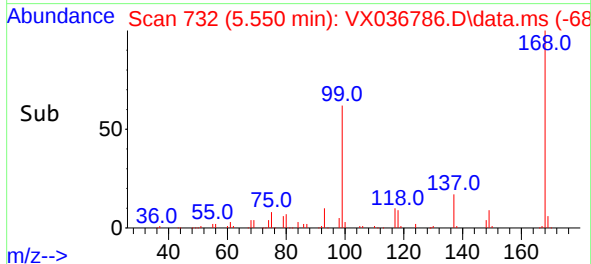
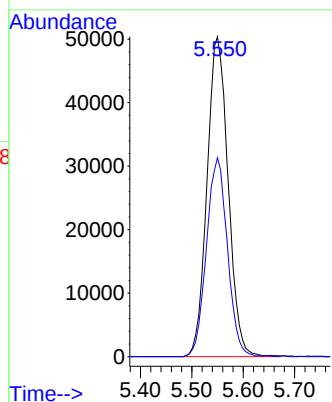


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

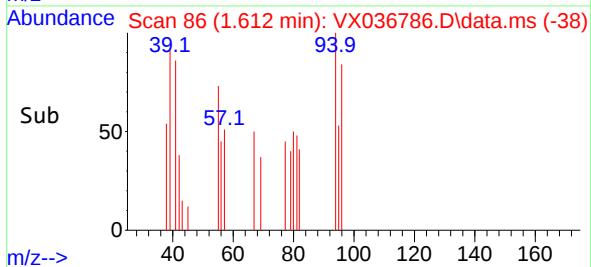
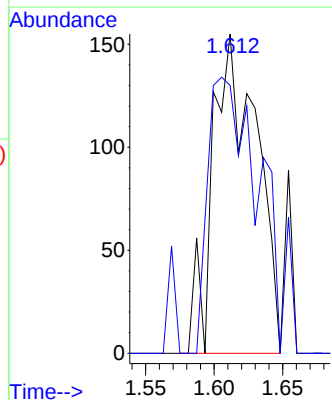
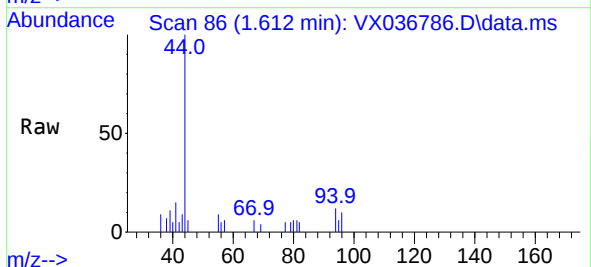


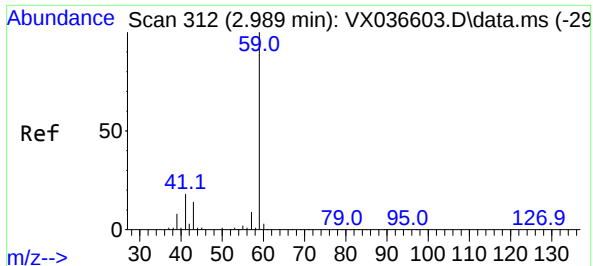
Tgt Ion:168 Resp: 143743
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#5
Bromomethane
Concen: 0.329 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 83.9 74.6 111.8





#11

Tert butyl alcohol

Concen: 1.853 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.049 min

Lab File: VX036786.D

Acq: 03 Aug 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

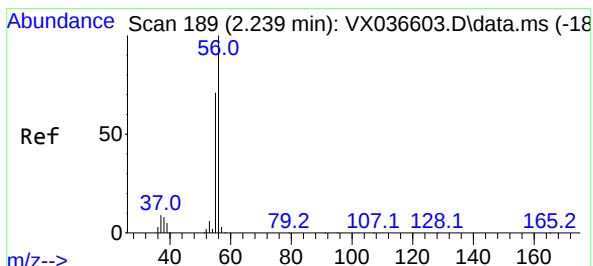
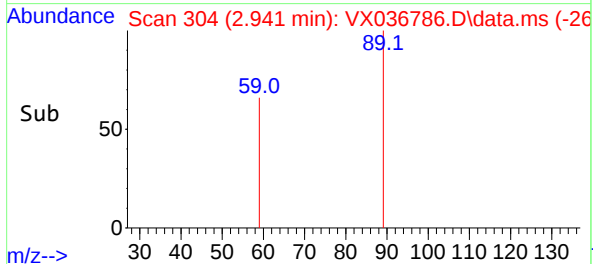
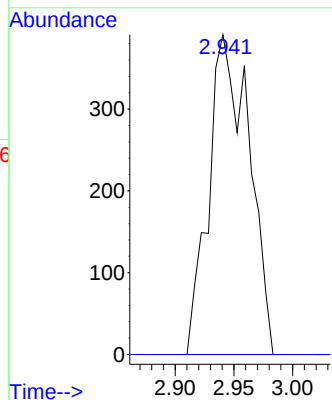
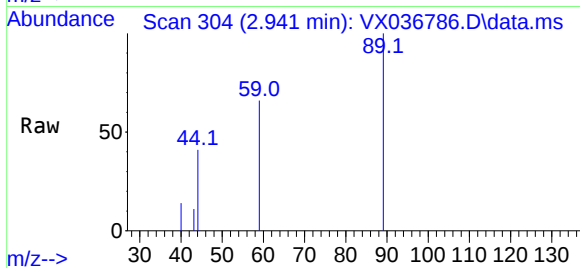
VX0803MBL01

Tgt Ion: 59 Resp: 933

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 1.984 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036786.D

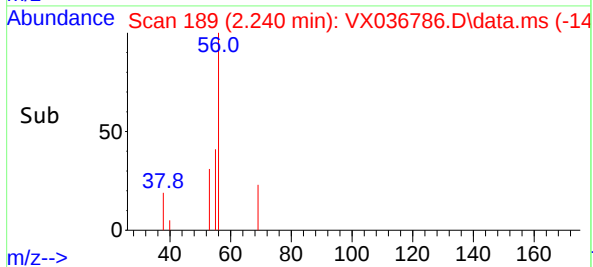
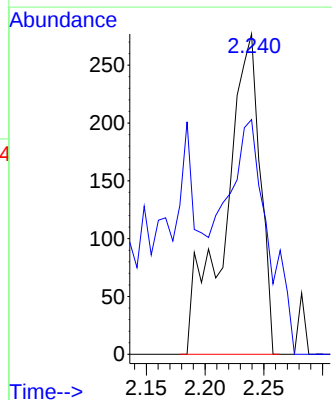
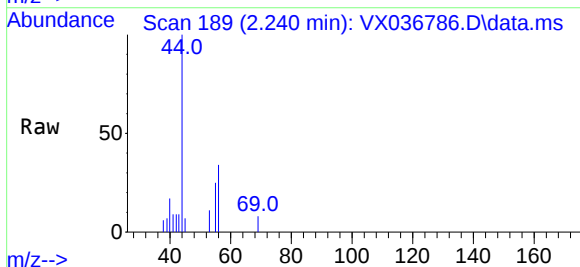
Acq: 03 Aug 2023 09:42

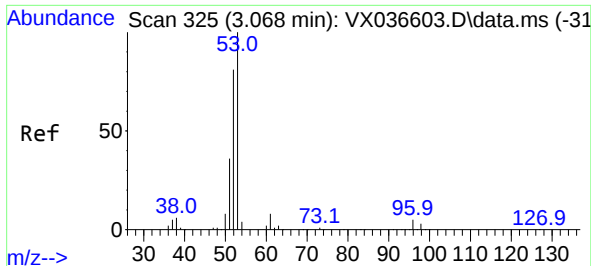
Tgt Ion: 56 Resp: 570

Ion Ratio Lower Upper

56 100

55 90.4 57.1 85.7#

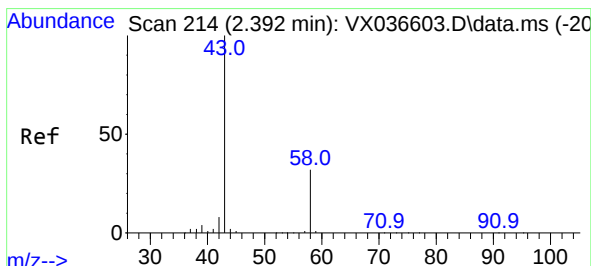
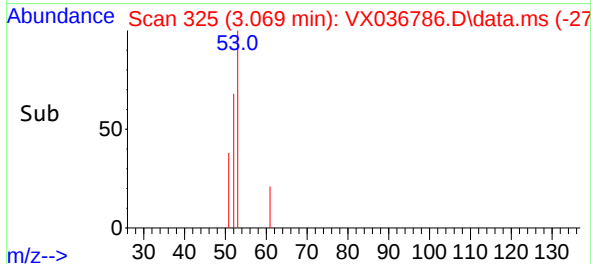
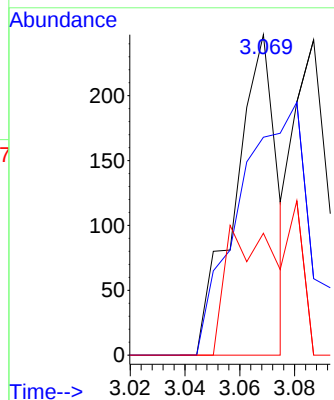
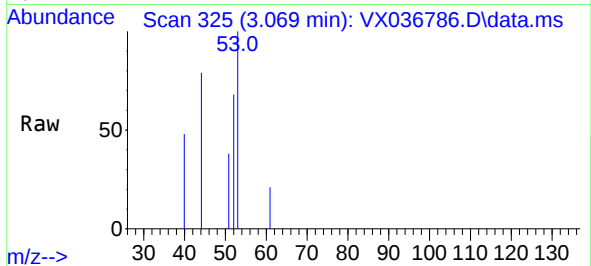




#15
Acrylonitrile
Concen: 0.259 ug/l
RT: 3.069 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

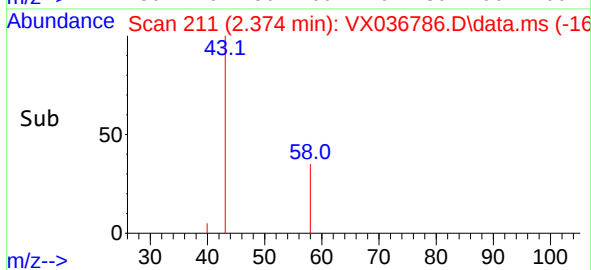
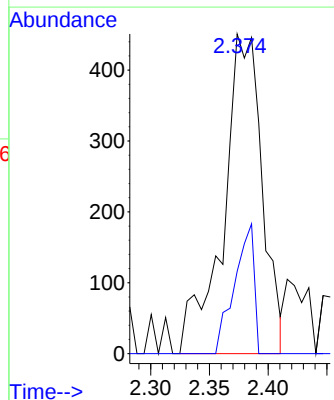
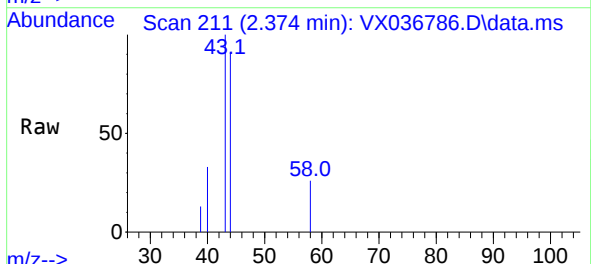
Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

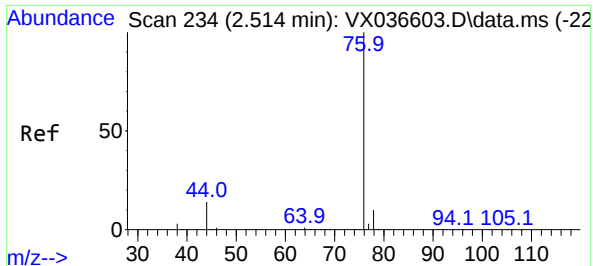
Tgt Ion: 53 Resp: 262
Ion Ratio Lower Upper
53 100
52 131.3 66.0 99.0#
51 63.0 29.8 44.6#



#16
Acetone
Concen: 1.176 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.018 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 25.7 21.9 32.9

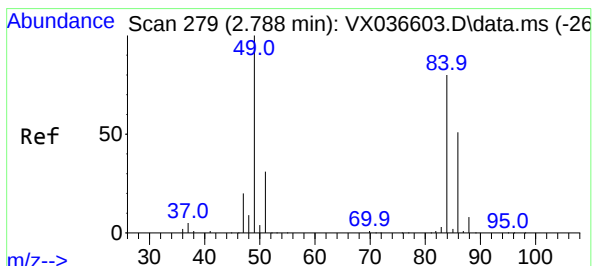
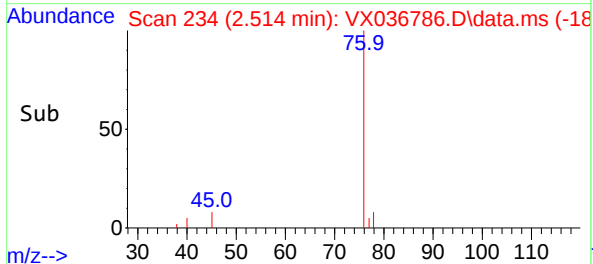
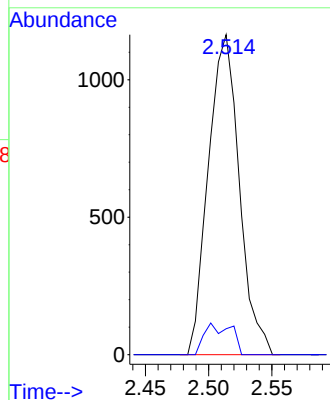
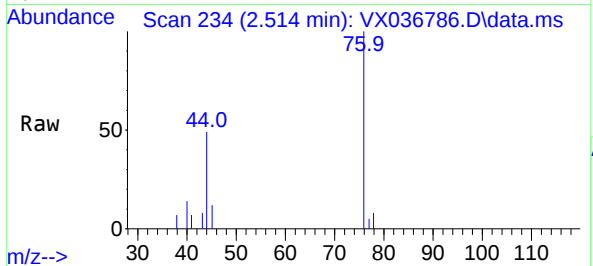




#17
Carbon Disulfide
Concen: 0.446 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

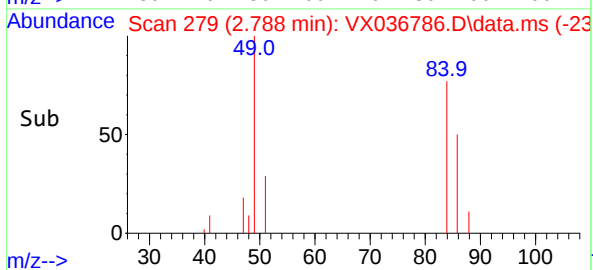
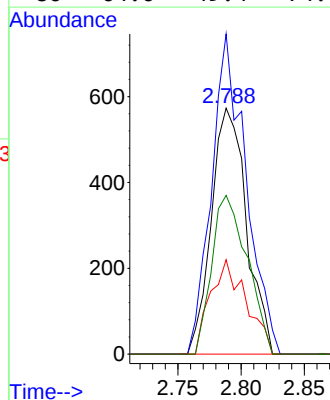
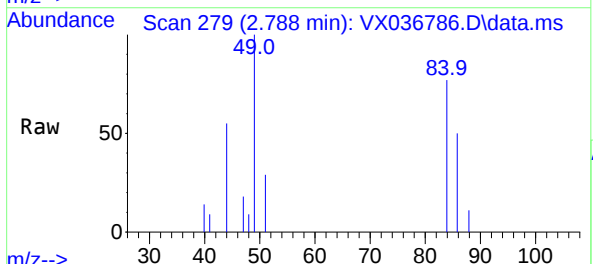
Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

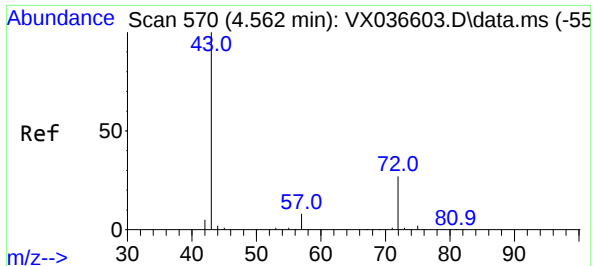
Tgt Ion: 76 Resp: 1982
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6



#20
Methylene Chloride
Concen: 0.563 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion: 84 Resp: 1106
Ion Ratio Lower Upper
84 100
49 130.2 103.6 155.4
51 38.4 33.8 50.6
86 64.6 49.4 74.0

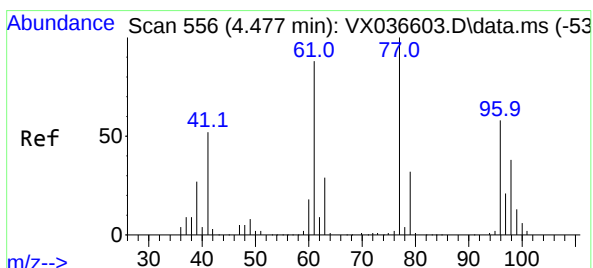
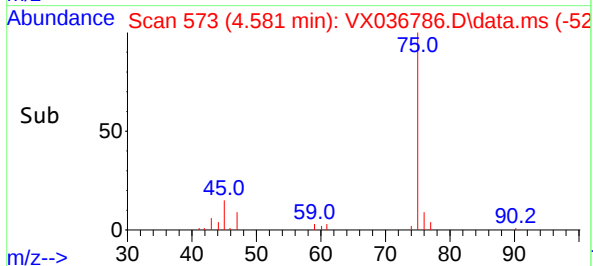
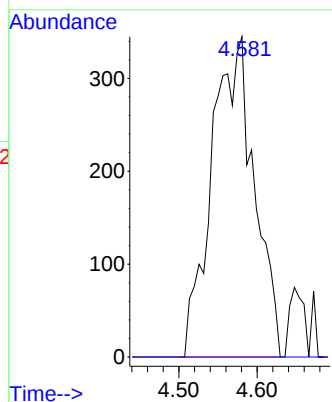
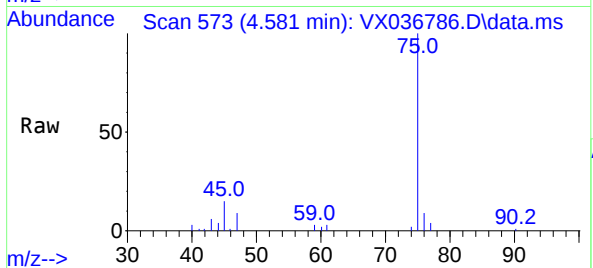




#25
2-Butanone
Concen: 0.911 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

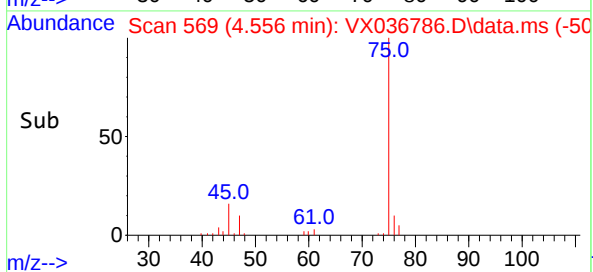
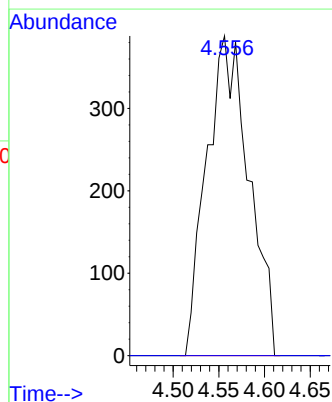
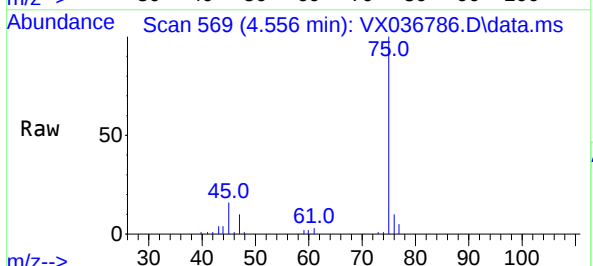
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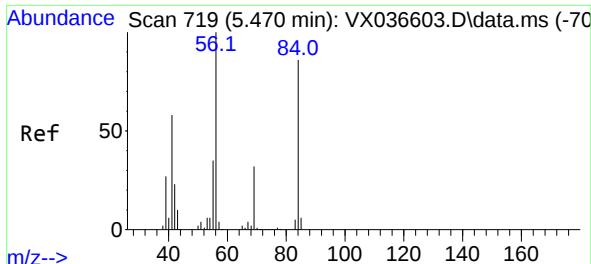
Tgt Ion: 43 Resp: 1304
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.393 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.079 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

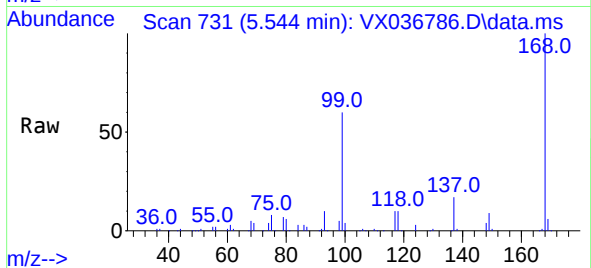
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Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



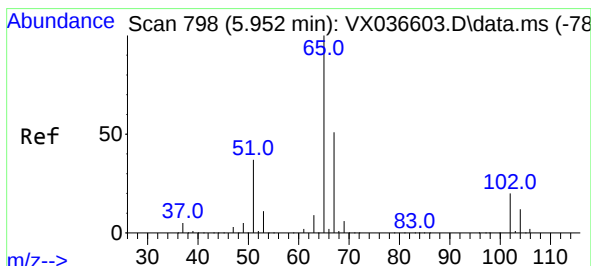
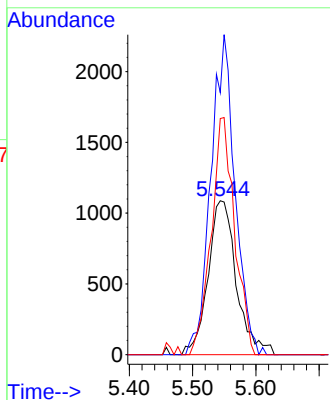
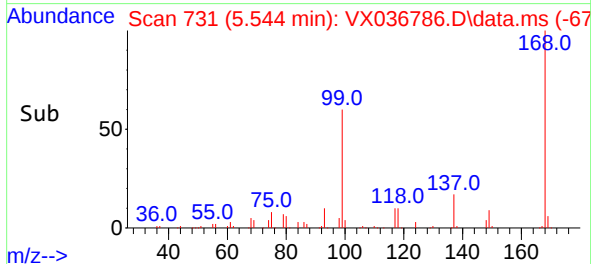


#31
Cyclohexane
Concen: 1.147 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Instrument :
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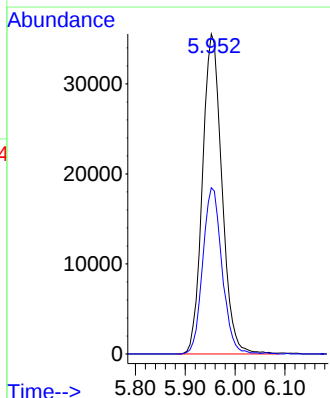
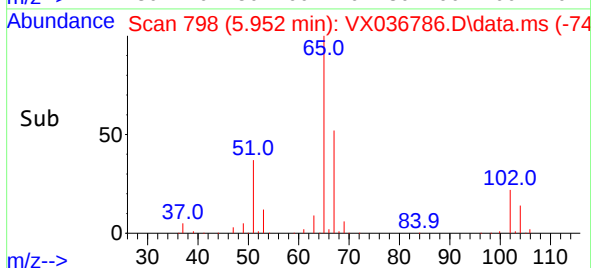
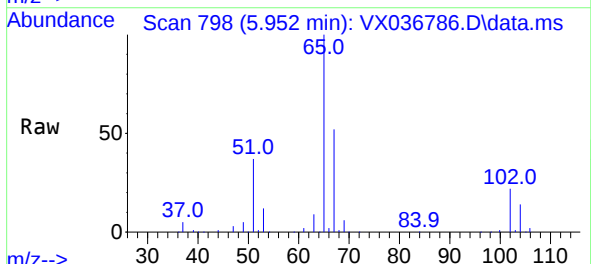


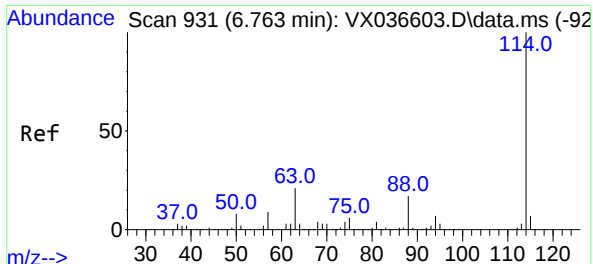
Tgt Ion: 56 Resp: 3377
Ion Ratio Lower Upper
56 100
69 170.2 23.4 35.2#
84 153.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.345 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion: 65 Resp: 96444
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

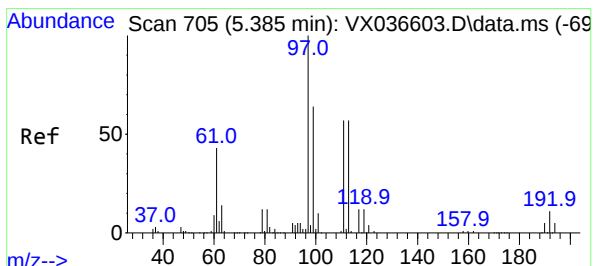
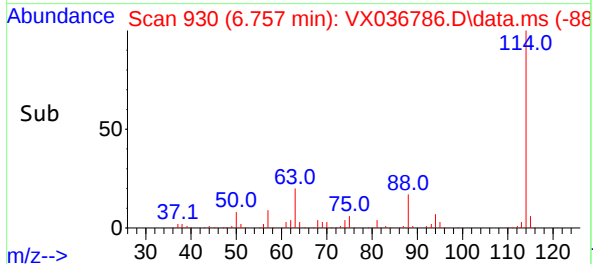
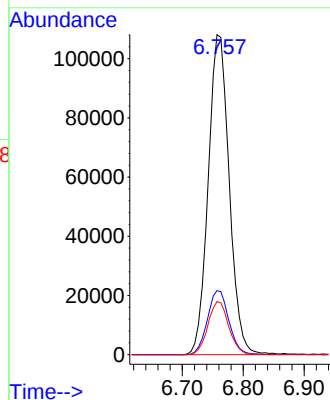
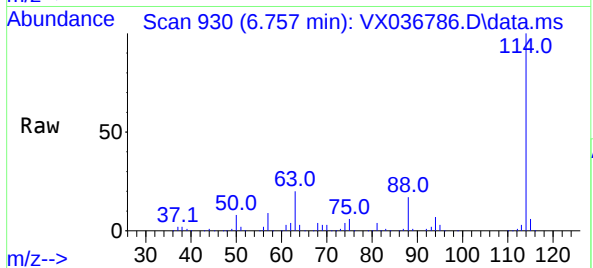




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

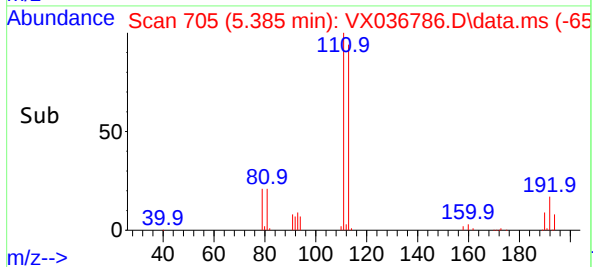
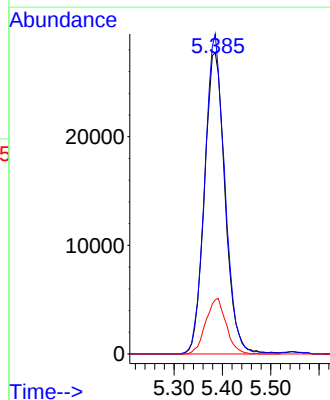
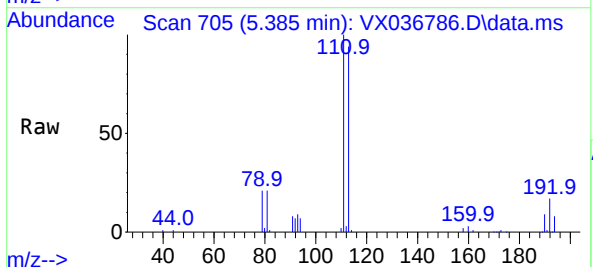
Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

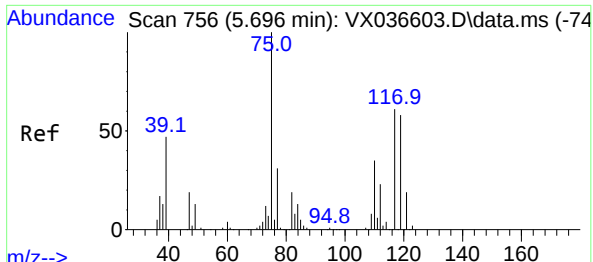
Tgt Ion:114 Resp: 259635
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.071 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

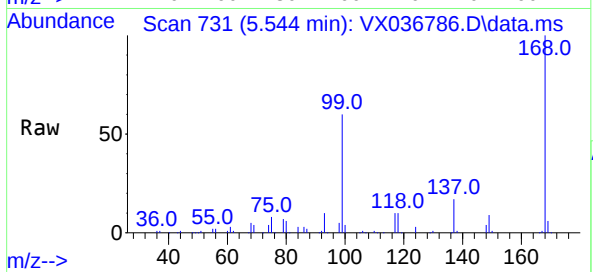
Tgt Ion:113 Resp: 82218
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.1 13.3 19.9



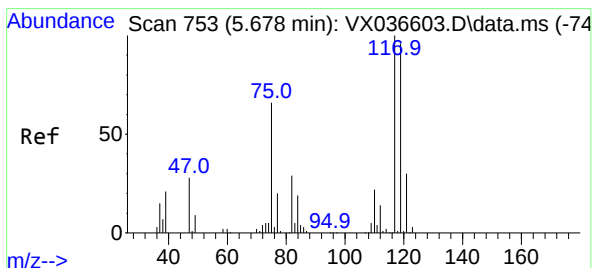
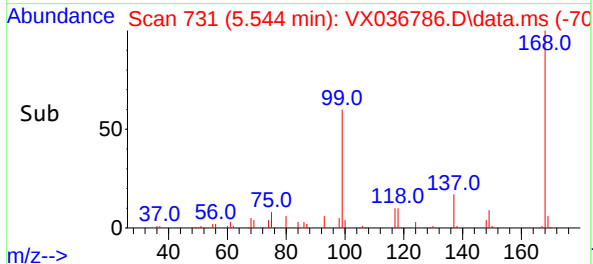
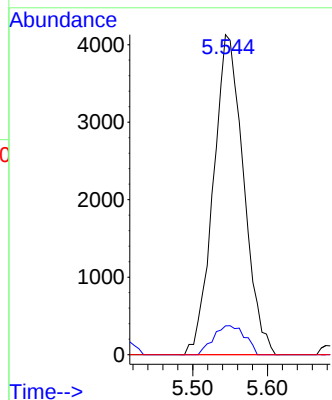


#36
1,1-Dichloropropene
Concen: 4.360 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

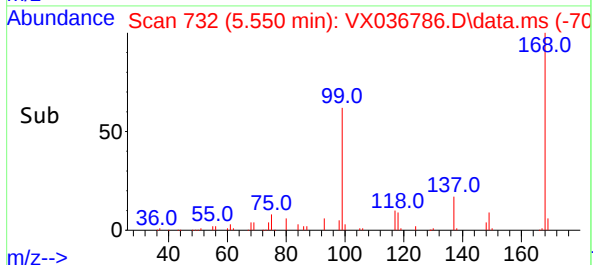
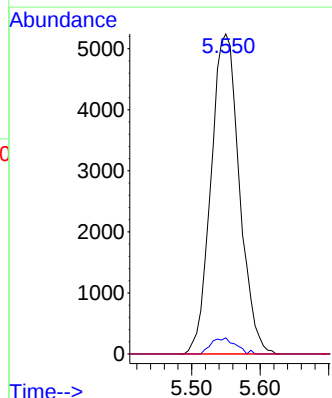
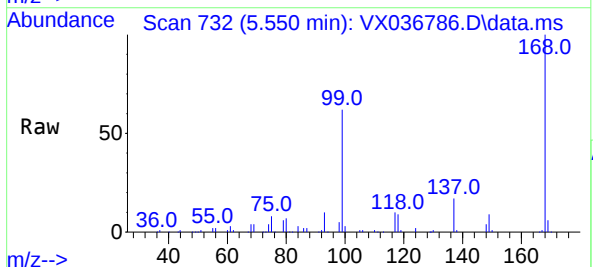


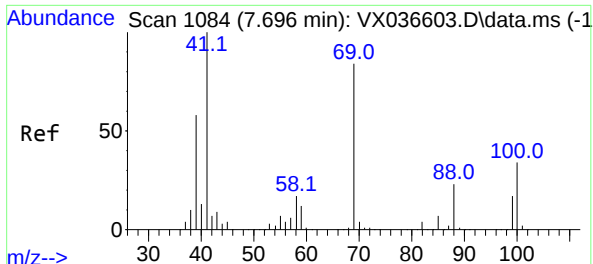
Tgt Ion: 75 Resp: 11596
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.327 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion: 117 Resp: 15063
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

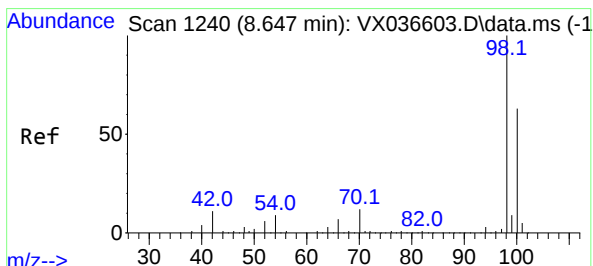
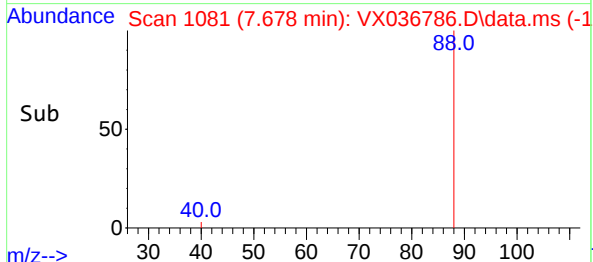
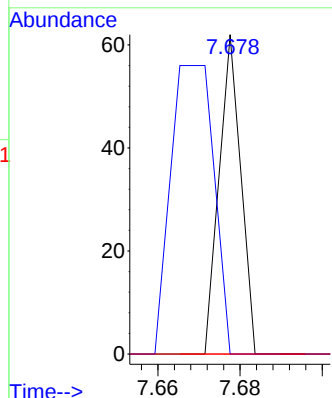
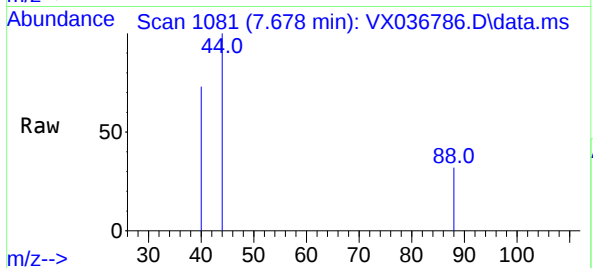




#49
1,4-Dioxane
Concen: 0.472 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.018 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

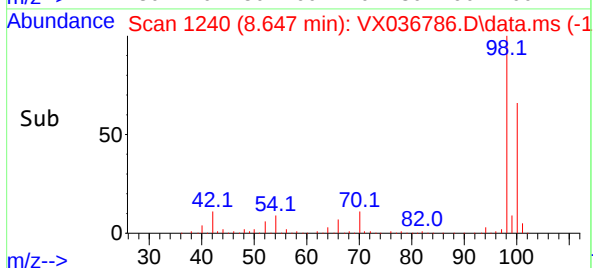
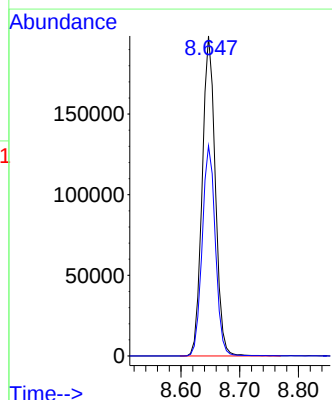
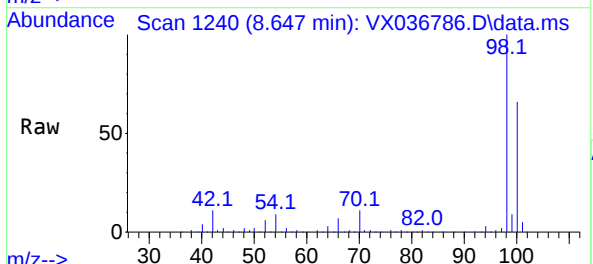
Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

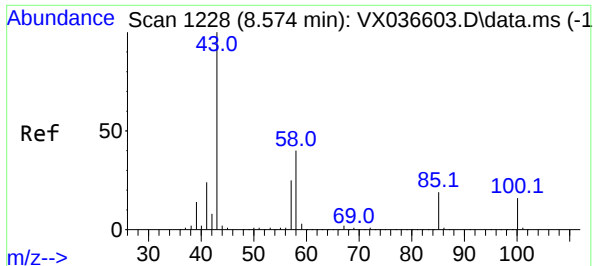
Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 178.3 0.0 0.0#
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 48.656 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion: 98 Resp: 307924
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

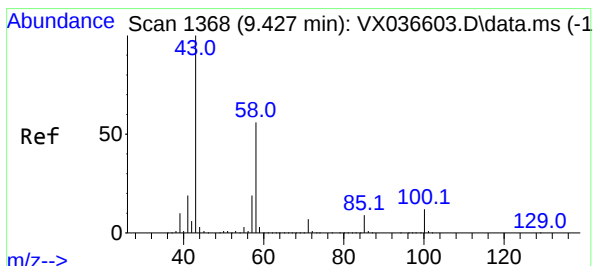
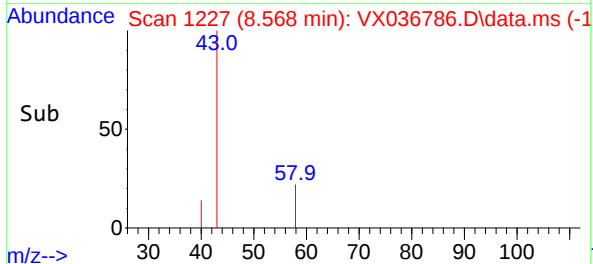
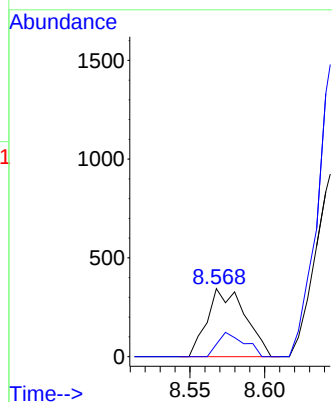
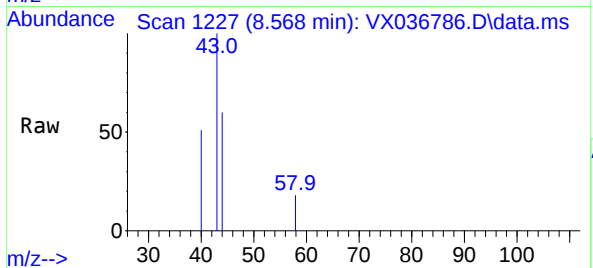




#51
4-Methyl-2-Pentanone
Concen: 0.212 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

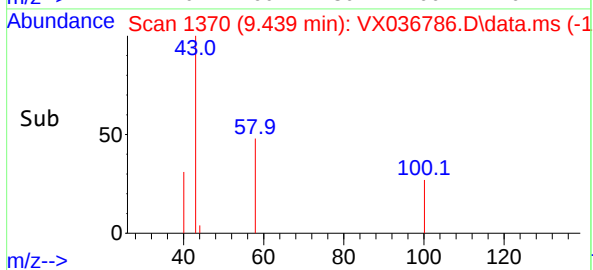
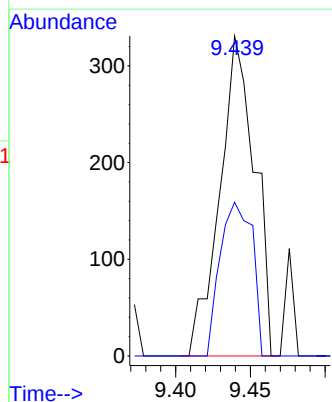
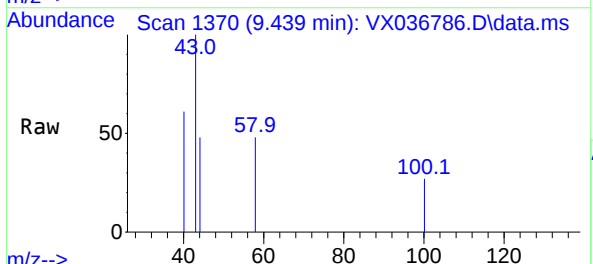
Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

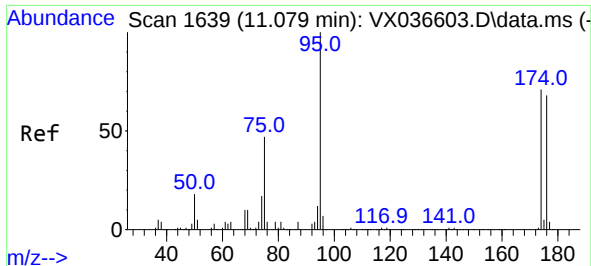
Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 24.8 30.4 45.6#



#59
2-Hexanone
Concen: 0.252 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 44.3 26.2 78.5

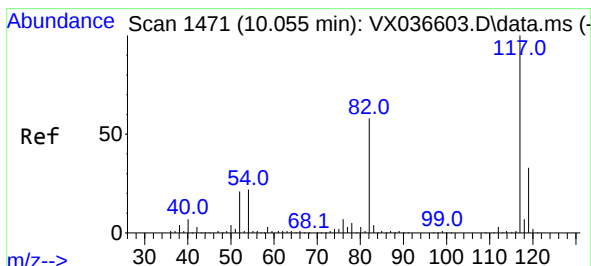
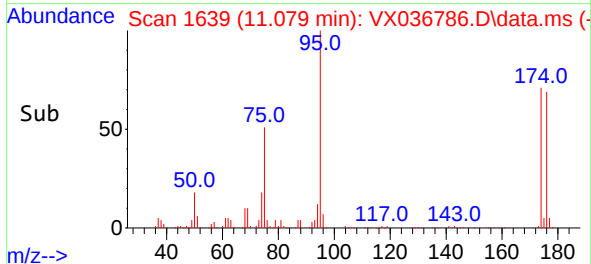
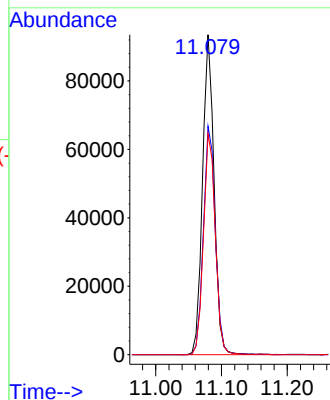
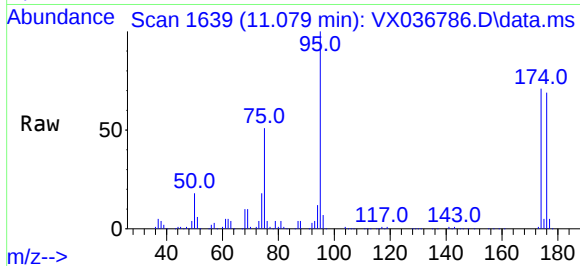




#62
4-Bromofluorobenzene
Concen: 47.717 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

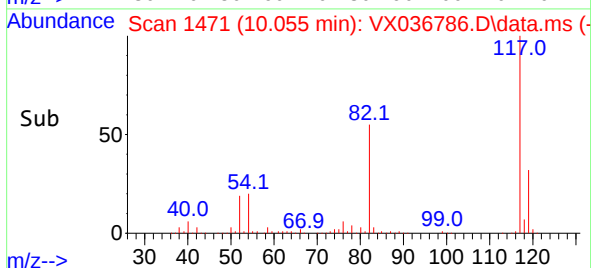
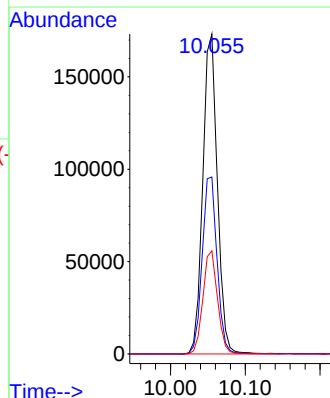
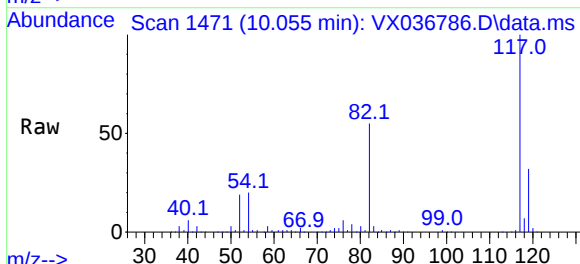
Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

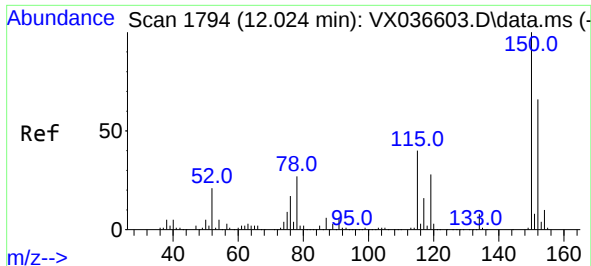
Tgt Ion: 95 Resp: 113931
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion: 117 Resp: 234525
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.3 25.5 38.3

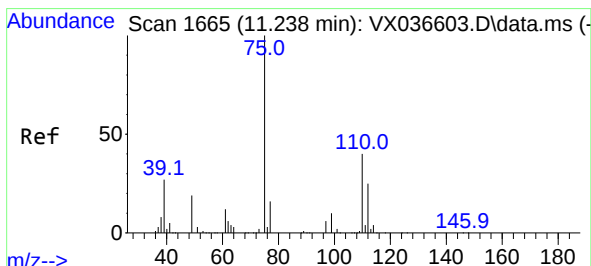
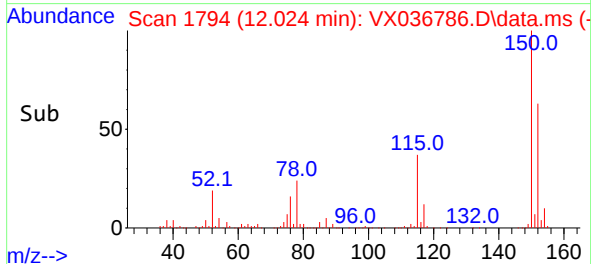
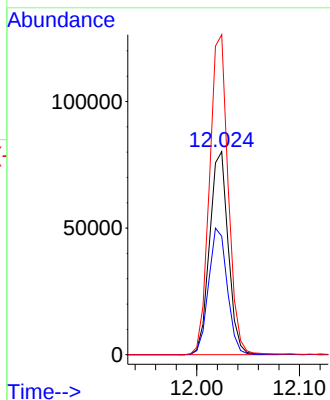
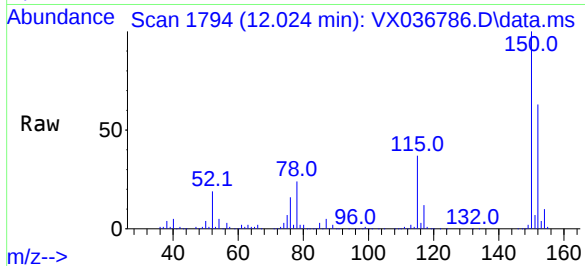




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

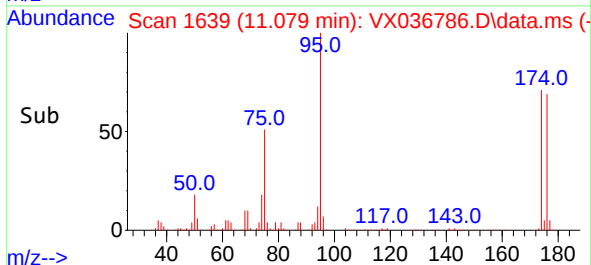
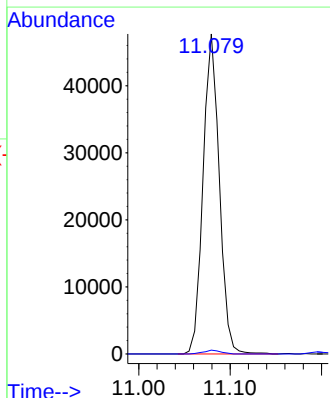
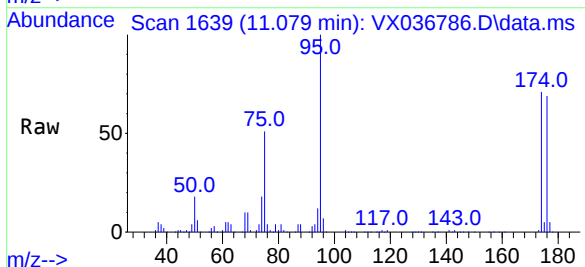
Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

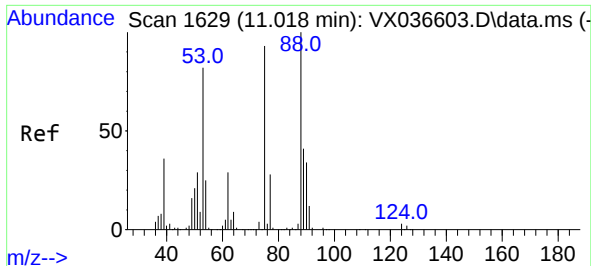
Tgt Ion:152 Resp: 100929
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 158.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.757 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion: 75 Resp: 58772
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

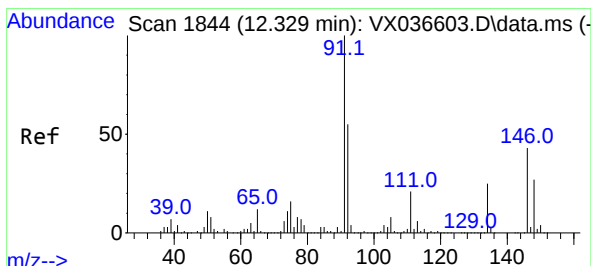
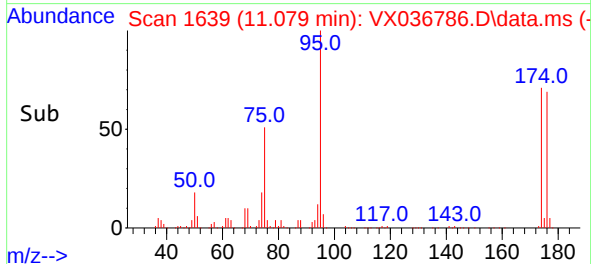
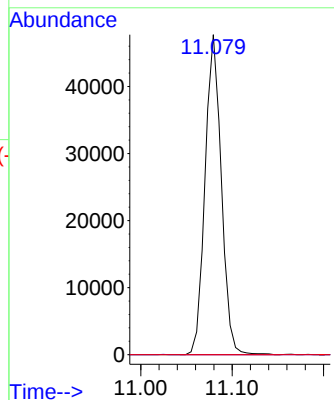
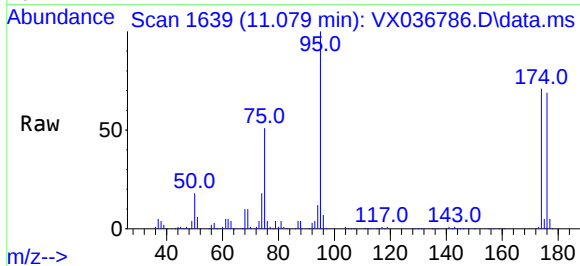




#81
trans-1,4-Dichloro-2-butene
Concen: 56.113 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

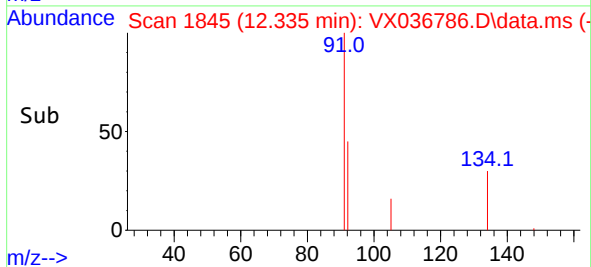
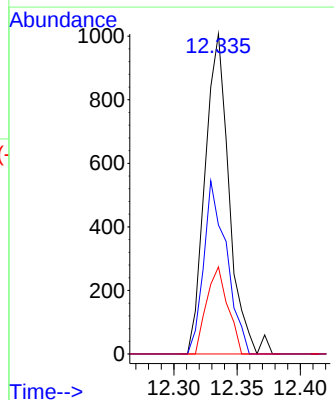
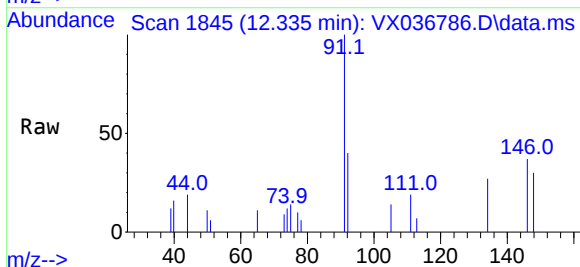
Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

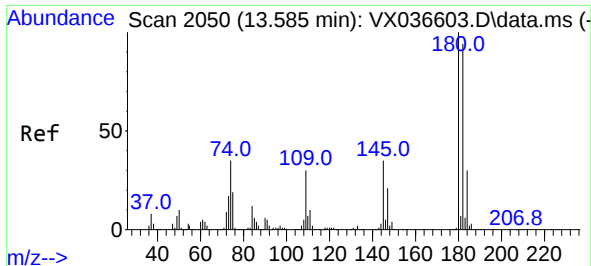
Tgt Ion: 75 Resp: 58772
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.212 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion: 91 Resp: 1338
Ion Ratio Lower Upper
91 100
92 51.3 27.4 82.0
134 23.9 12.6 37.8

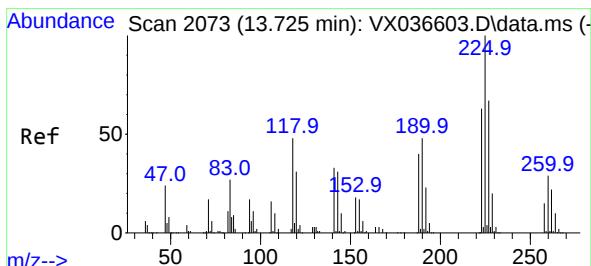
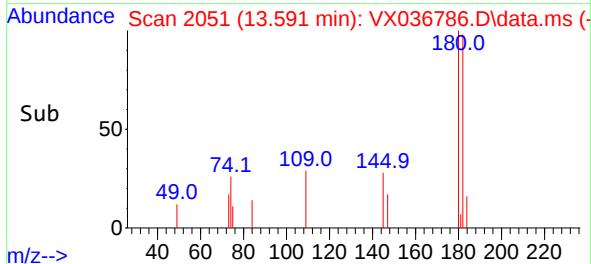
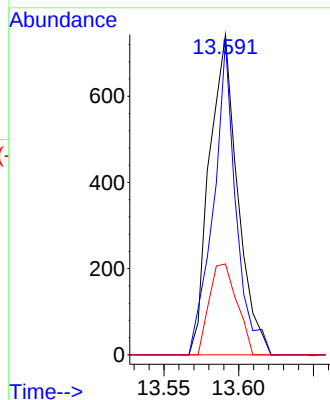
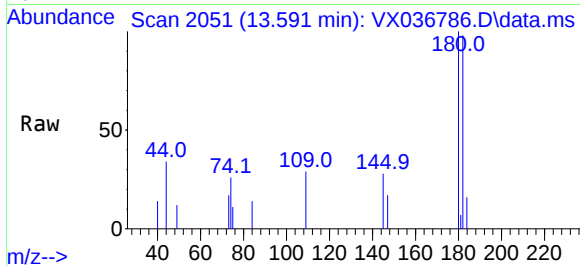




#93
1,2,4-Trichlorobenzene
Concen: 0.465 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

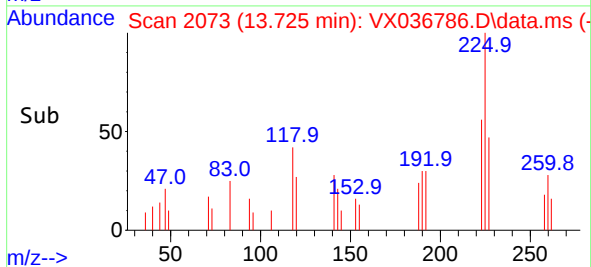
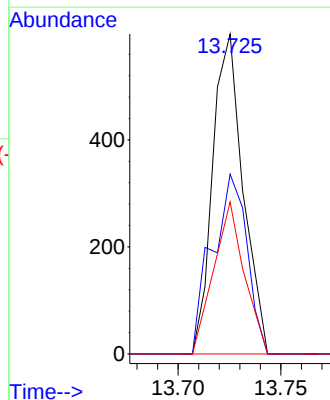
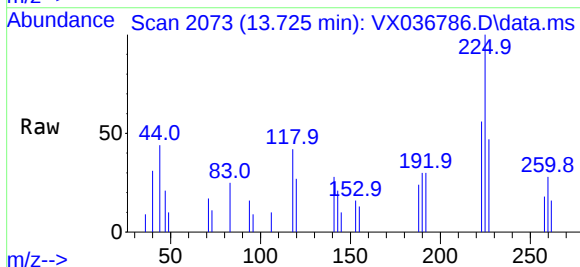
Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

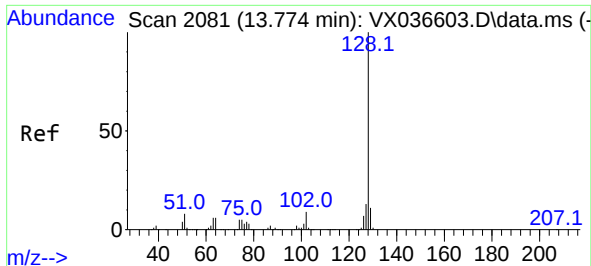
Tgt Ion:	180	Resp:	973
Ion	Ratio	Lower	Upper
180	100		
182	78.5	48.3	144.8
145	27.9	18.0	54.0



#94
Hexachlorobutadiene
Concen: 0.710 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion:	225	Resp:	615
Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.1	93.2
227	47.6	32.5	97.5

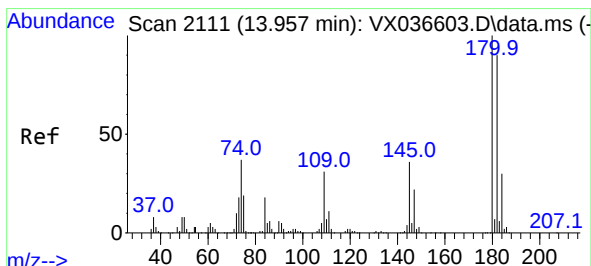
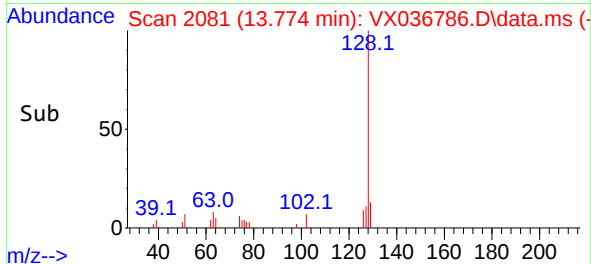
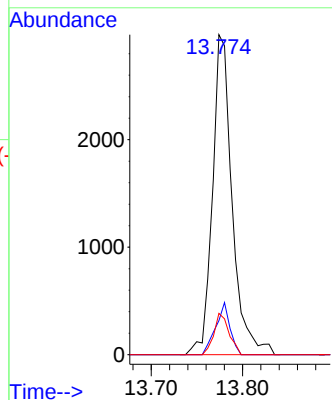
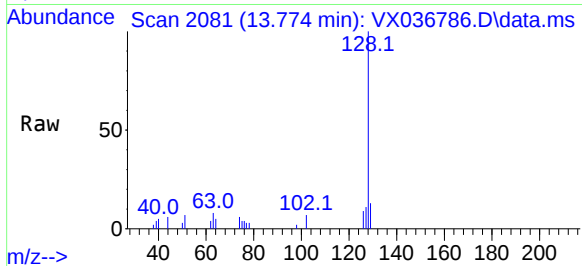




#95
Naphthalene
Concen: 0.610 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX0803MBL01

Tgt Ion:	128	Resp:	4453
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.3	15.5
129	9.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.507 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036786.D
Acq: 03 Aug 2023 09:42

Tgt Ion:	180	Resp:	1047
Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.9	140.6
145	35.9	17.8	53.5

