

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036539.D
 Acq On : 13 Jul 2023 20:39
 Operator : JC/MD
 Sample : 03610-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230712058-02-VOA

Quant Time: Jul 14 04:38:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	24495	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	125018	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	115558	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	59223	29.131	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.100%
60) 4-Bromofluorobenzene	11.079	95	53701	28.649	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.500%
63) Toluene-d8	8.653	98	155573	29.257	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.533%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	445	0.325	ug/l #	66
6) Chloroethane	1.679	64	611	0.465	ug/l #	72
8) Diethyl Ether	2.130	74	11240	8.636	ug/l	98
15) Acetone	2.380	58	3022	11.302	ug/l	96
16) Carbon Disulfide	2.508	76	821	0.236	ug/l #	91
17) Allyl chloride	2.648	41	943	0.371	ug/l #	20
23) tert-Butyl Alcohol	2.959	59	111444	254.106	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	2853	0.547	ug/l	99
30) 2-Butanone	4.562	43	3855	3.248	ug/l #	94
31) 2,2-Dichloropropane	4.568	77	9663	4.674	ug/l #	52
34) Benzene	6.032	78	9266	1.595	ug/l #	85
35) Methacrylonitrile	5.007	41	80188	65.110	ug/l #	49
44) Isopropyl Acetate	6.349	43	1303	0.354	ug/l #	58
45) 1,4-Dioxane	7.671	88	10046	240.182	ug/l #	1
56) Bromoform	11.085	173	494	0.454	ug/l #	1
58) 4-Methyl-2-Pentanone	8.555	43	3828	1.602	ug/l #	66
59) 2-Hexanone	9.439	43	430	0.237	ug/l #	39
62) Toluene	8.720	91	6048	0.933	ug/l	97
64) Chlorobenzene	10.080	112	40986	10.154	ug/l	97
66) Ethyl Benzene	10.195	91	24535	3.482	ug/l	96
67) m/p-Xylenes	10.299	106	6603	2.404	ug/l	89
68) o-Xylene	10.640	106	8893	3.262	ug/l	96
69) Styrene	10.647	104	1220	0.276	ug/l #	1
70) Isopropylbenzene	10.964	105	5313	0.782	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.159	83	965	0.389	ug/l #	28
74) n-propylbenzene	11.305	91	2692	0.337	ug/l	91
75) 2-Chlorotoluene	11.366	91	3309	0.681	ug/l	92
76) 1,3,5-Trimethylbenzene	11.451	105	1705	0.292	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	323	0.428	ug/l #	7
80) 1,2,4-Trimethylbenzene	11.750	105	10591	1.832	ug/l	94
82) p-Isopropyltoluene	12.012	119	3041	0.524	ug/l	90
83) 1,3-Dichlorobenzene	11.969	146	704	0.225	ug/l	89
84) 1,4-Dichlorobenzene	12.043	146	23934	7.693	ug/l	98
85) n-Butylbenzene	12.244	91	3065	0.581	ug/l	55
87) 1,2-Dichlorobenzene	12.335	146	1485	0.474	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	12.963	75	128	0.230	ug/l #	4
89) 1,2,4-Trichlorobenzene	13.585	180	531	0.269	ug/l #	79
90) Hexachlorobutadiene	13.719	225	241	0.336	ug/l #	51
91) Naphthalene	13.774	128	39579	5.712	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 14 04:32:22 2023
Response via : Initial Calibration

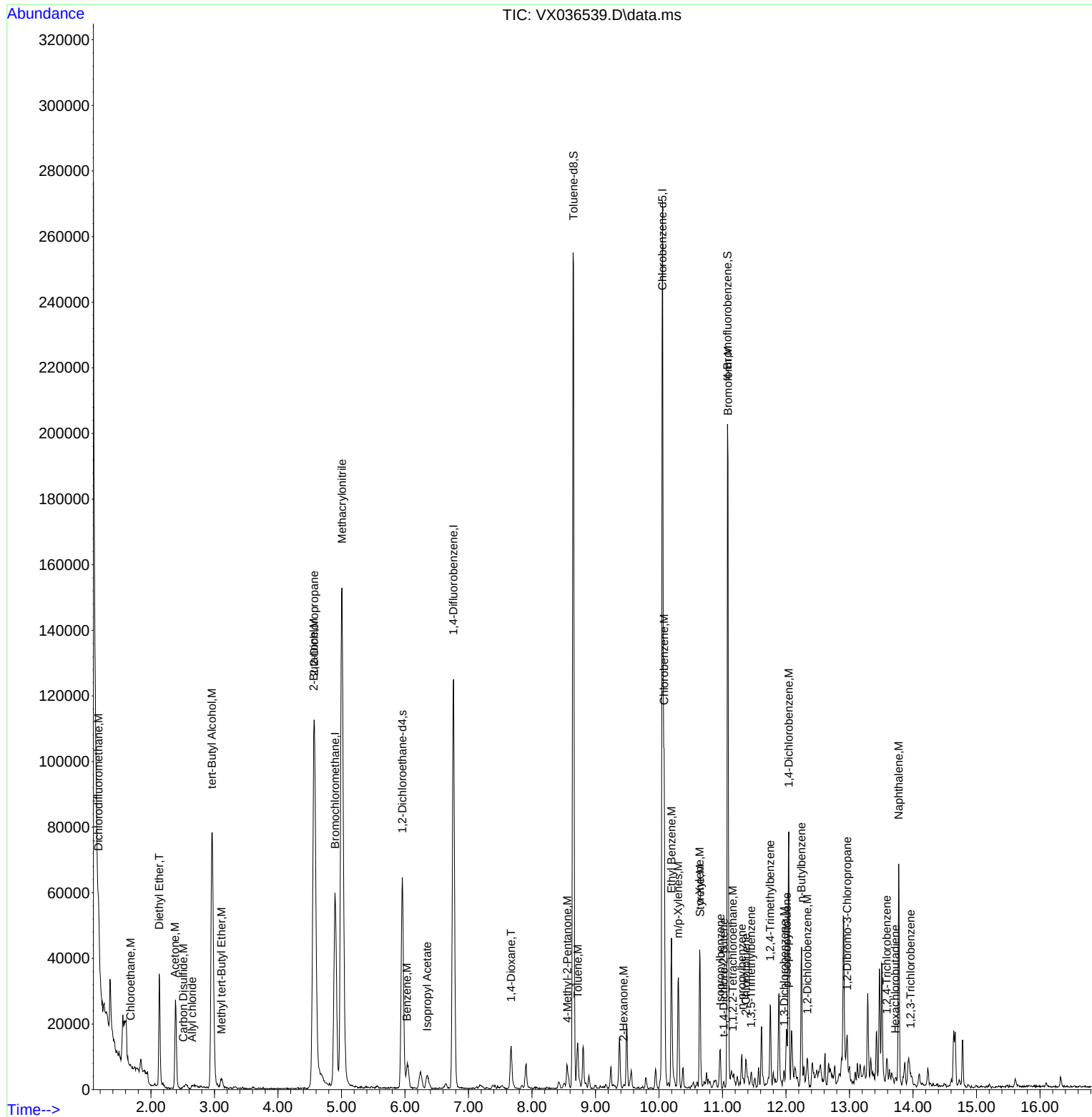
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2,3-Trichlorobenzene	13.963	180	499	0.250	ug/l	76

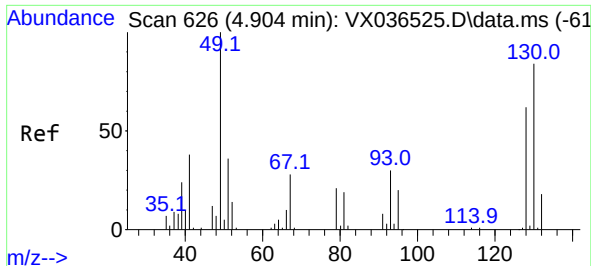
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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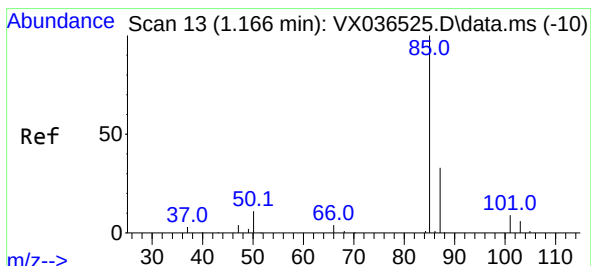
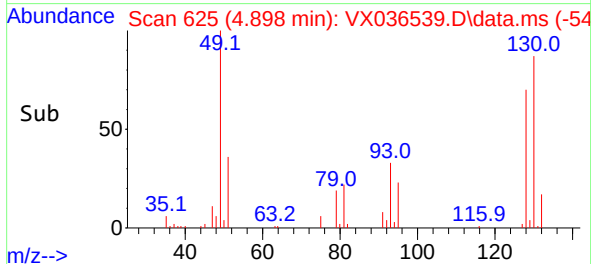
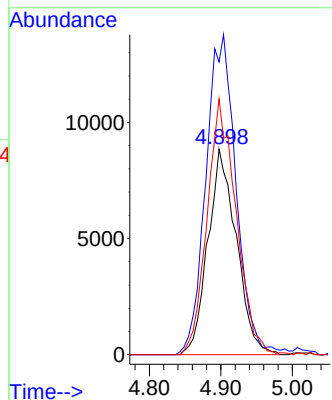
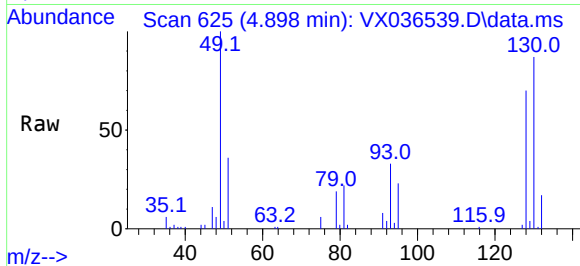




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

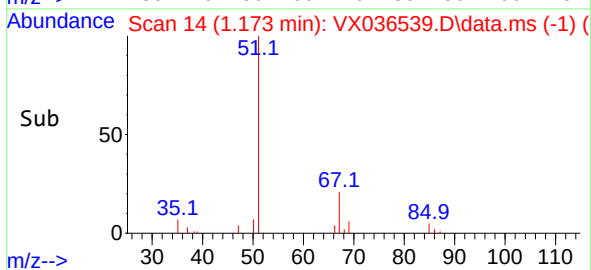
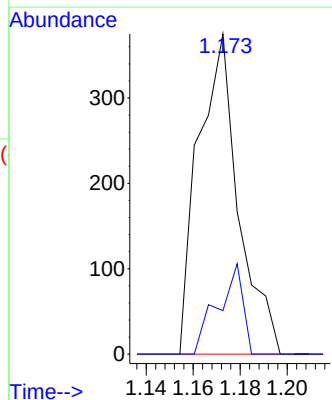
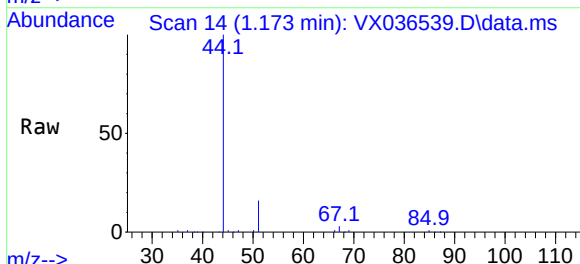
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

Tgt Ion:128 Resp: 24495
Ion Ratio Lower Upper
128 100
49 163.1 0.0 406.3
130 126.9 0.0 328.0

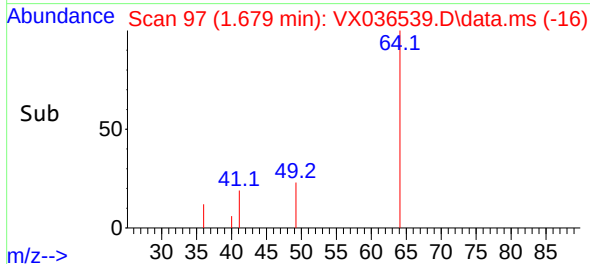
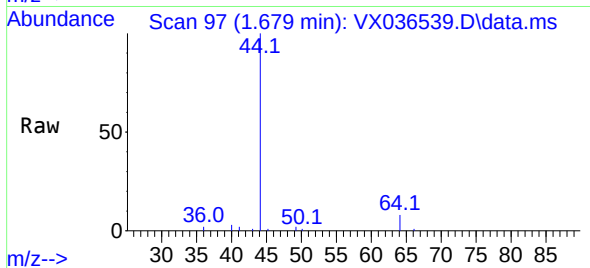
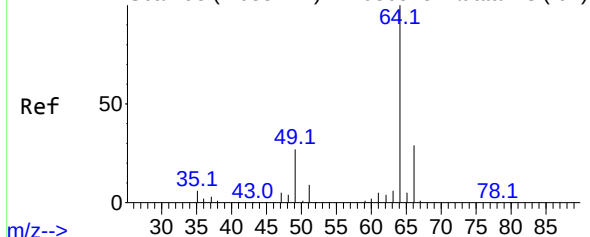


#2
Dichlorodifluoromethane
Concen: 0.325 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion: 85 Resp: 445
Ion Ratio Lower Upper
85 100
87 13.6 16.4 49.4#



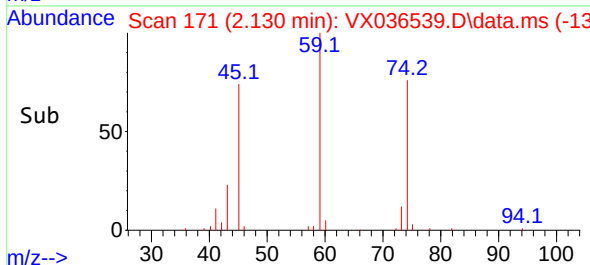
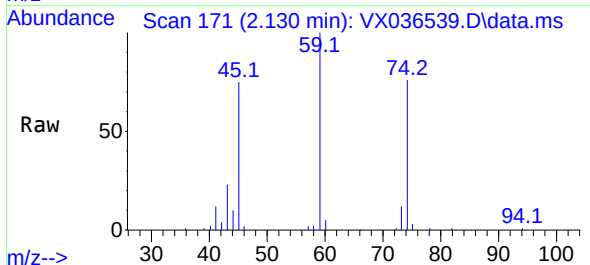
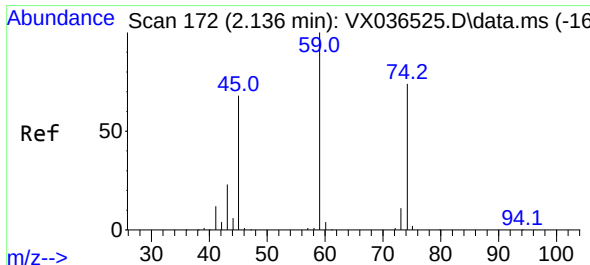
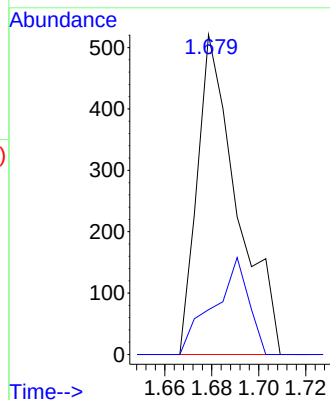
Abundance Scan 98 (1.685 min): VX036525.D\data.ms (-94)



#6
Chloroethane
Concen: 0.465 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

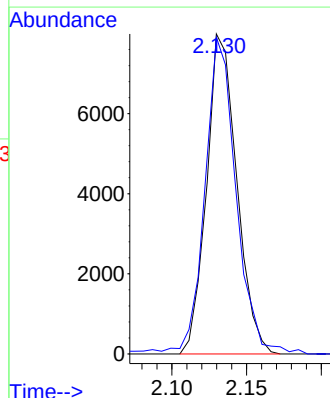
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

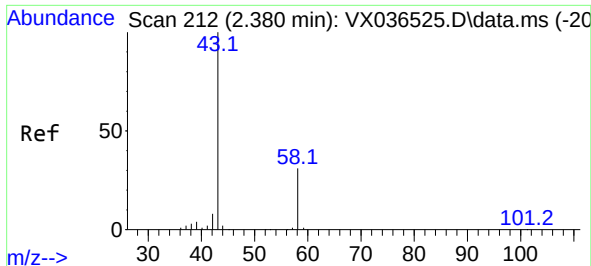
Tgt Ion: 64 Resp: 611
Ion Ratio Lower Upper
64 100
66 14.0 23.1 34.7#



#8
Diethyl Ether
Concen: 8.636 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion: 74 Resp: 11240
Ion Ratio Lower Upper
74 100
45 97.6 19.9 178.9

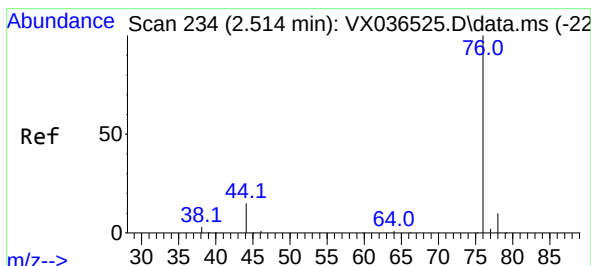
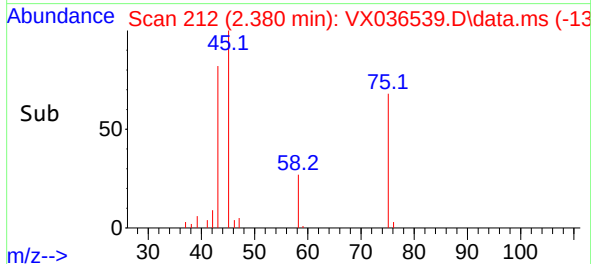
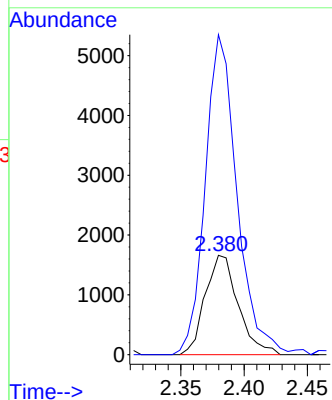
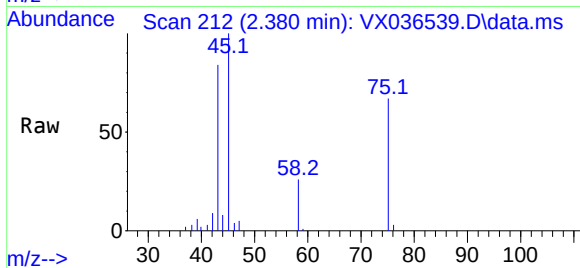




#15
Acetone
Concen: 11.302 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

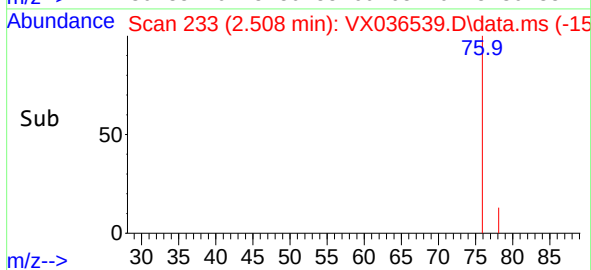
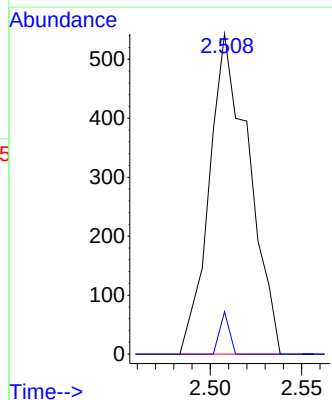
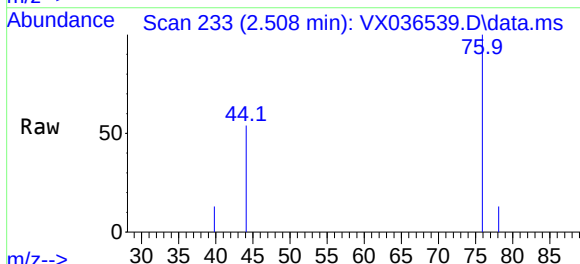
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

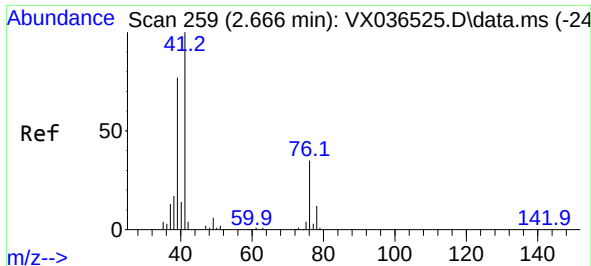
Tgt Ion: 58 Resp: 3022
Ion Ratio Lower Upper
58 100
43 317.8 261.0 391.4



#16
Carbon Disulfide
Concen: 0.236 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion: 76 Resp: 821
Ion Ratio Lower Upper
76 100
78 13.3 8.0 12.0#





#17

Allyl chloride

Concen: 0.371 ug/l

RT: 2.648 min Scan# 21

Delta R.T. -0.018 min

Lab File: VX036539.D

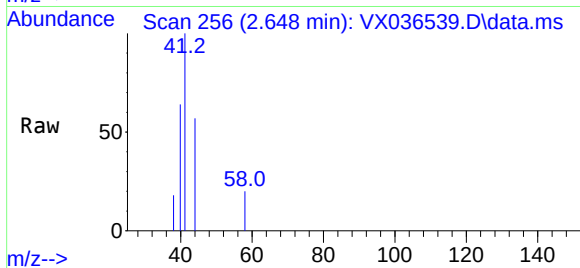
Acq: 13 Jul 2023 20:39

Instrument :

MSVOA_X

ClientSampleId :

230712058-02-VOA



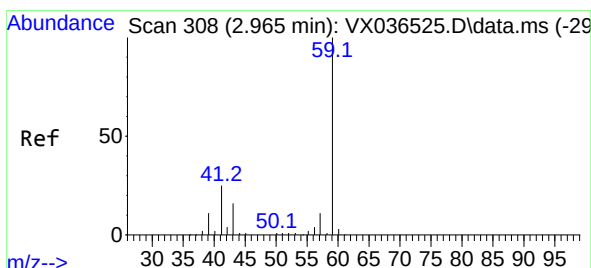
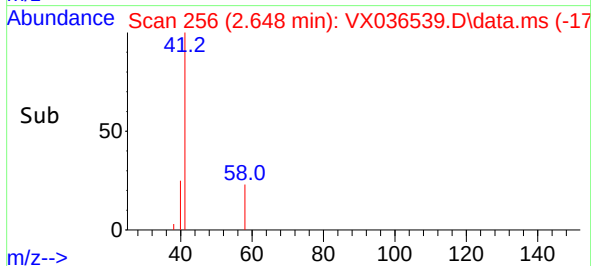
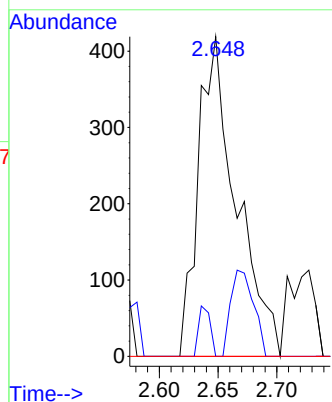
Tgt Ion: 41 Resp: 943

Ion Ratio Lower Upper

41 100

39 0.0 38.5 115.3#

76 0.0 18.6 55.8#



#23

tert-Butyl Alcohol

Concen: 254.106 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX036539.D

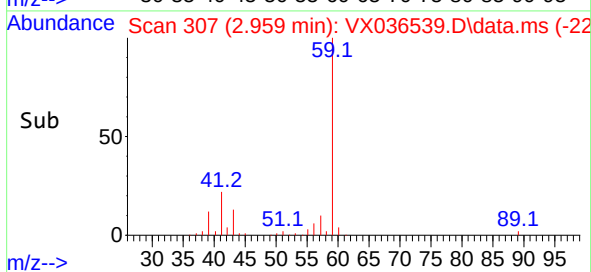
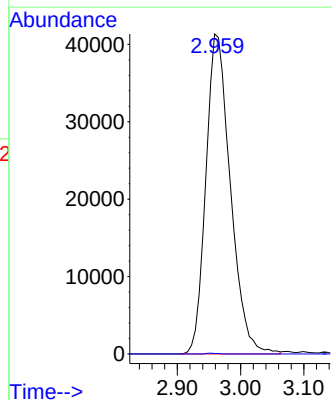
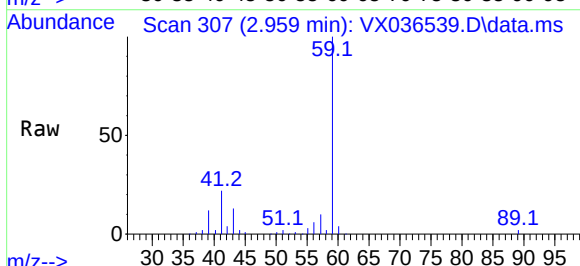
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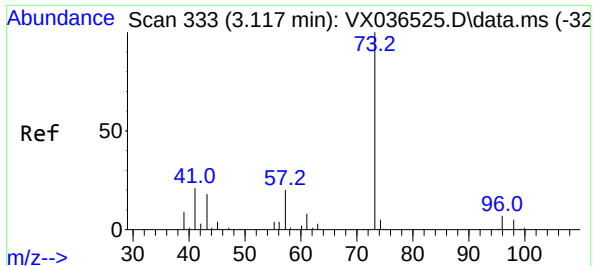
Tgt Ion: 59 Resp: 111444

Ion Ratio Lower Upper

59 100

52 0.1 142.6 213.8#

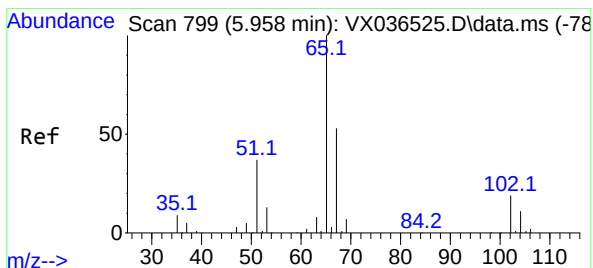
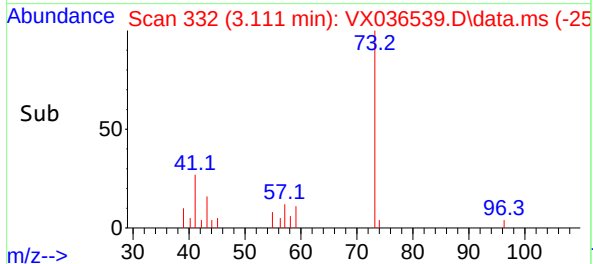
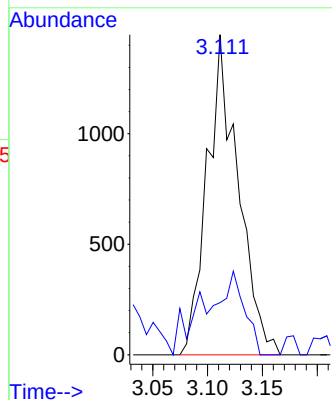
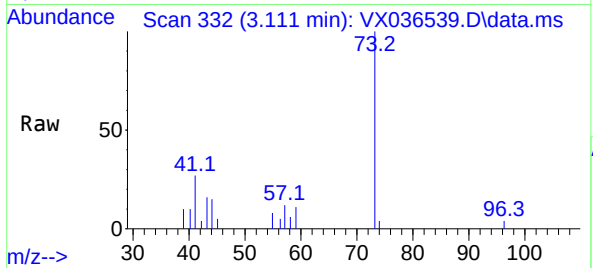




#24
Methyl tert-Butyl Ether
Concen: 0.547 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

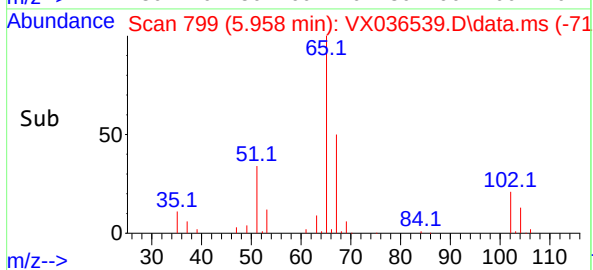
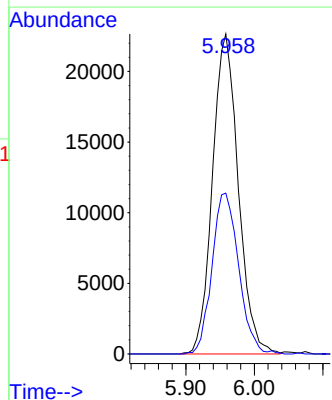
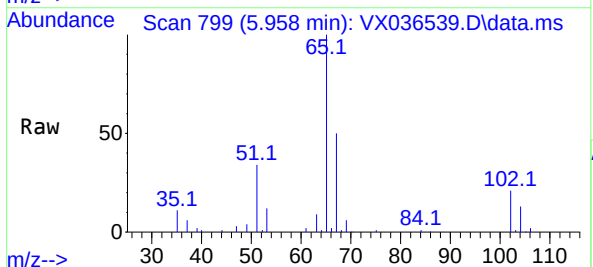
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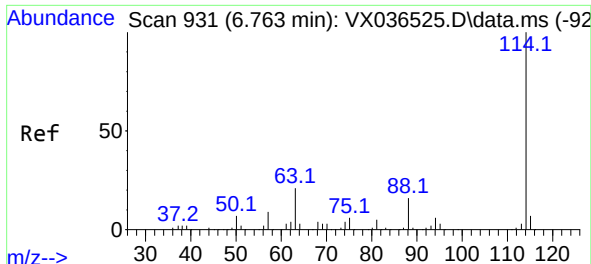
Tgt Ion: 73 Resp: 2853
Ion Ratio Lower Upper
73 100
43 21.4 16.8 25.2



#27
1,2-Dichloroethane-d4
Concen: 29.131 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion: 65 Resp: 59223
Ion Ratio Lower Upper
65 100
67 51.6 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX036539.D

Acq: 13 Jul 2023 20:39

Instrument :

MSVOA_X

ClientSampleId :

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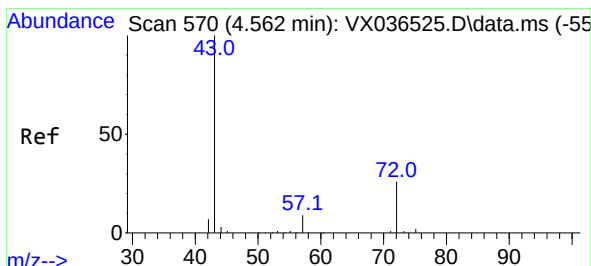
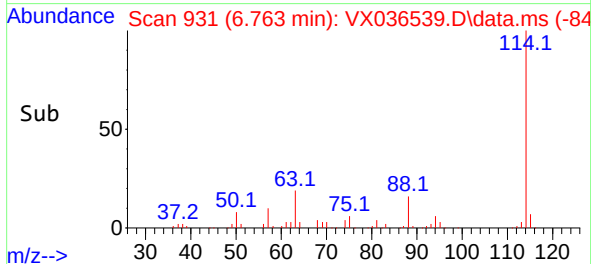
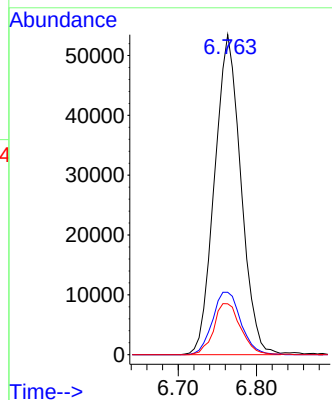
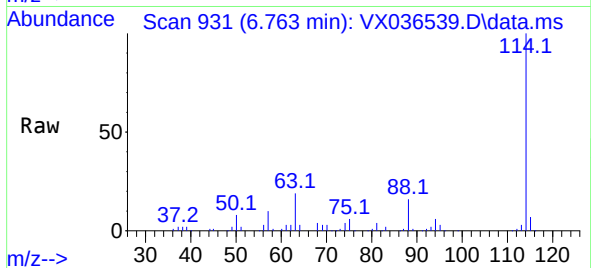
Tgt Ion:114 Resp: 125018

Ion Ratio Lower Upper

114 100

63 21.0 16.6 24.8

88 16.3 12.9 19.3



#30

2-Butanone

Concen: 3.248 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX036539.D

Acq: 13 Jul 2023 20:39

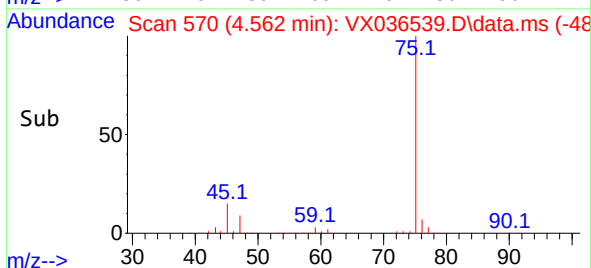
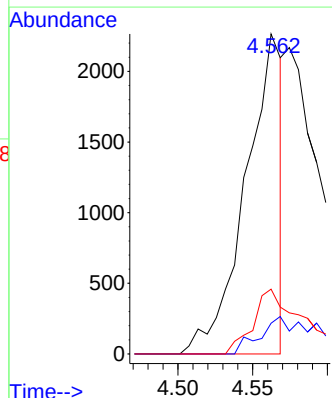
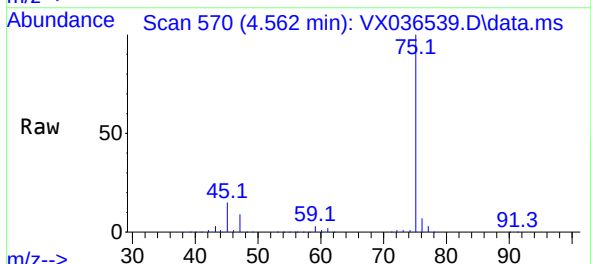
Tgt Ion: 43 Resp: 3855

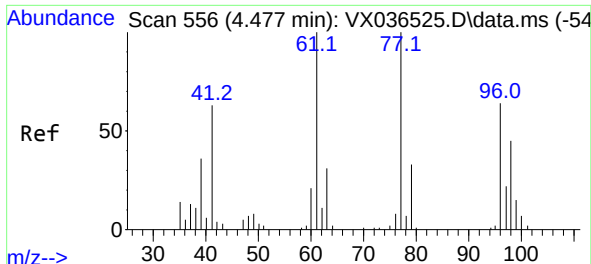
Ion Ratio Lower Upper

43 100

57 14.6 6.4 9.6#

72 25.8 21.6 32.4

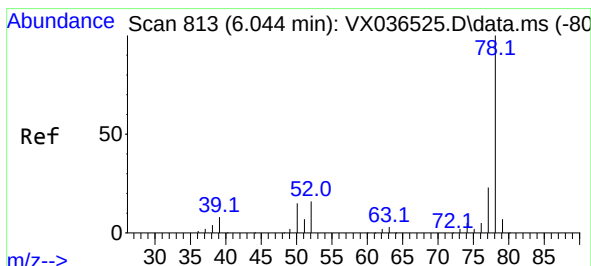
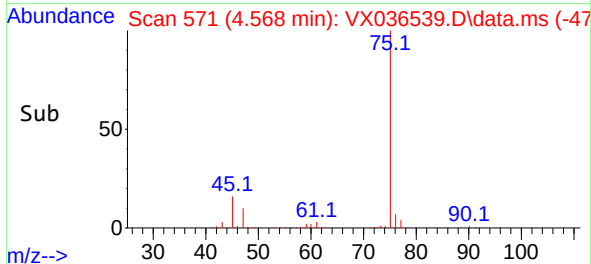
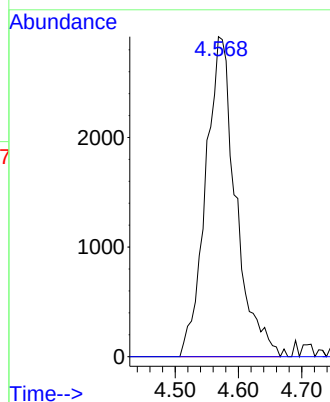
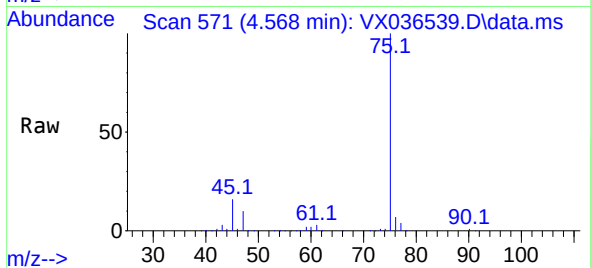




#31
2,2-Dichloropropane
Concen: 4.674 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.091 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

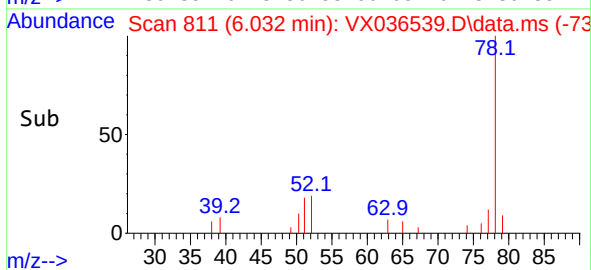
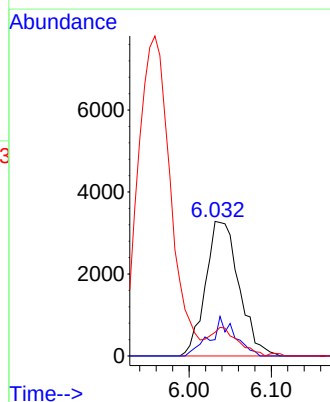
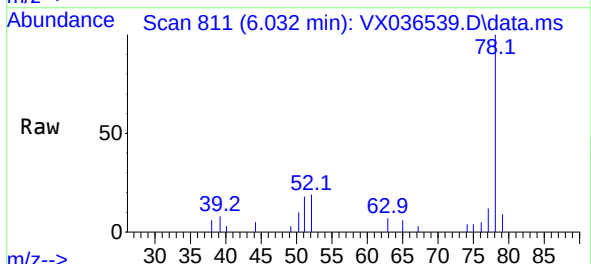
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

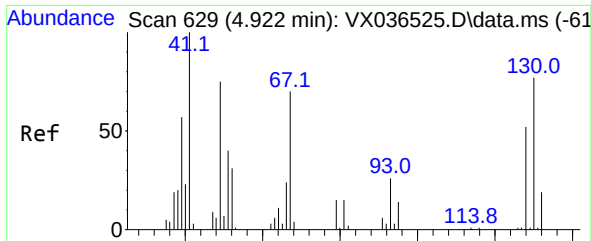
Tgt Ion: 77 Resp: 9663
Ion Ratio Lower Upper
77 100
97 0.0 18.6 27.8#



#34
Benzene
Concen: 1.595 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.012 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

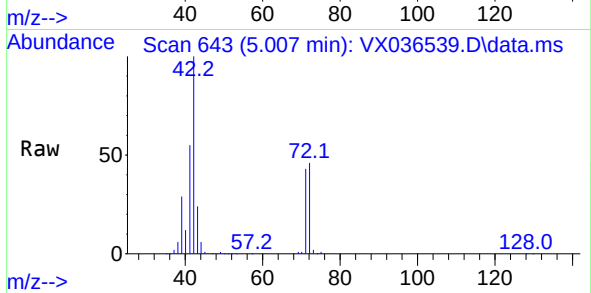
Tgt Ion: 78 Resp: 9266
Ion Ratio Lower Upper
78 100
77 12.1 18.7 28.1#
51 16.0 14.2 21.4



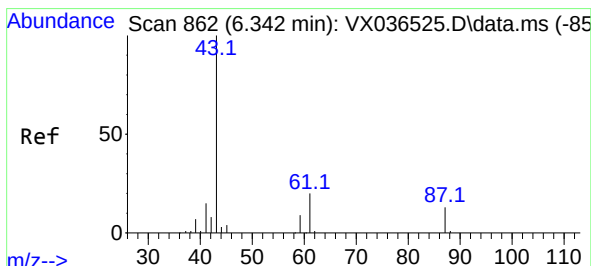
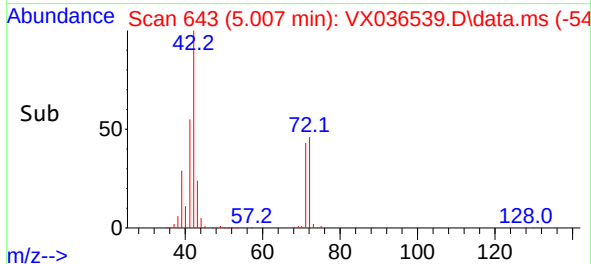
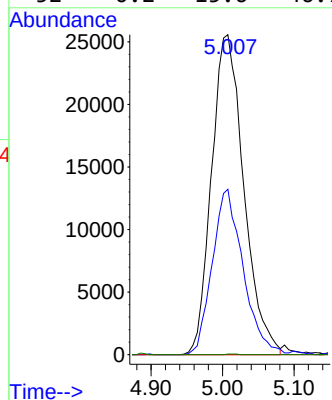


#35
Methacrylonitrile
Concen: 65.110 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.085 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

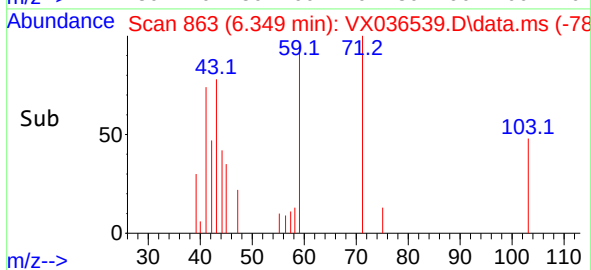
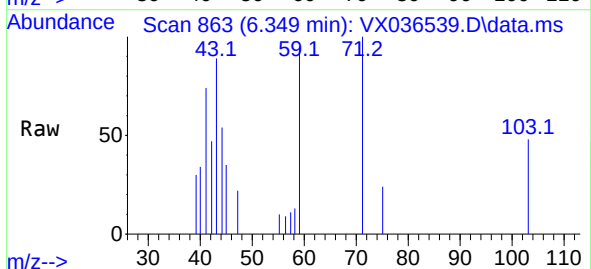


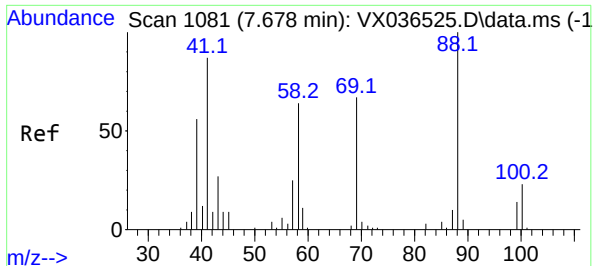
Tgt Ion: 41 Resp: 80188
Ion Ratio Lower Upper
41 100
39 51.7 28.2 84.7
67 0.0 35.0 105.1#
52 0.2 15.6 46.7#



#44
Isopropyl Acetate
Concen: 0.354 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion: 43 Resp: 1303
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#





#45

1,4-Dioxane

Concen: 240.182 ug/l

RT: 7.671 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036539.D

Acq: 13 Jul 2023 20:39

Instrument :

MSVOA_X

ClientSampleId :

230712058-02-VOA

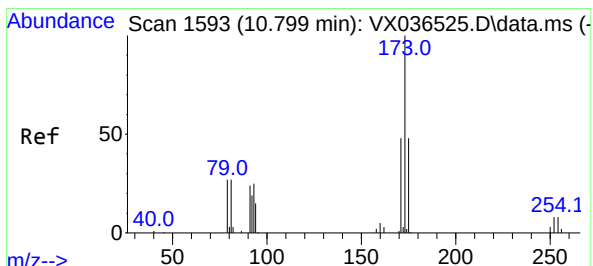
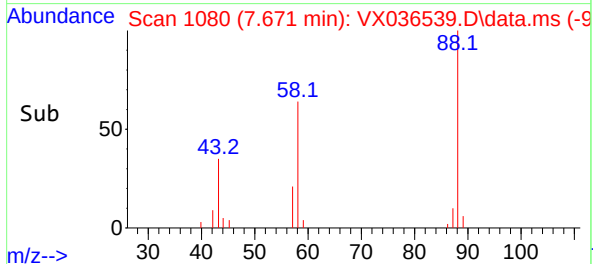
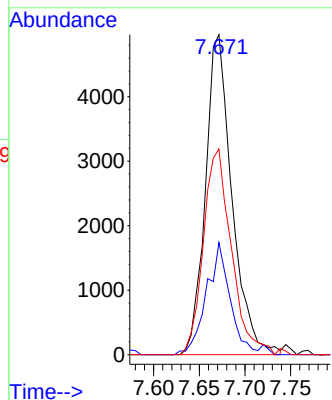
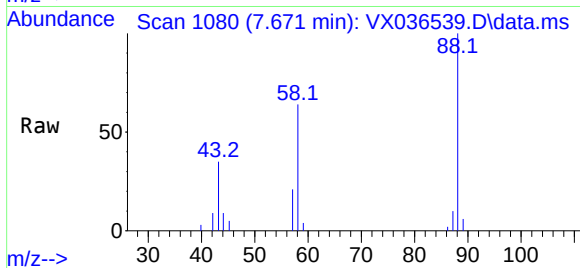
Tgt Ion: 88 Resp: 10046

Ion Ratio Lower Upper

88 100

43 31.1 297.5 446.3#

58 67.7 1.0 1.4#



#56

Bromoform

Concen: 0.454 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.287 min

Lab File: VX036539.D

Acq: 13 Jul 2023 20:39

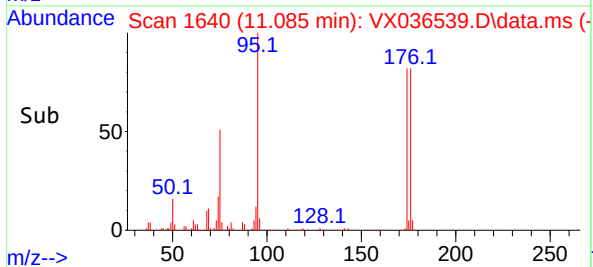
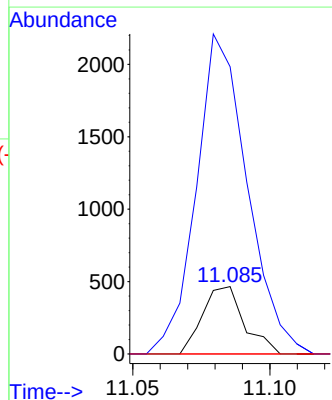
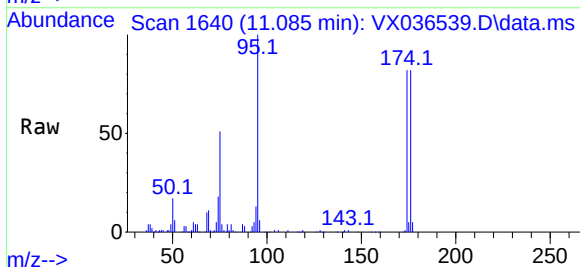
Tgt Ion:173 Resp: 494

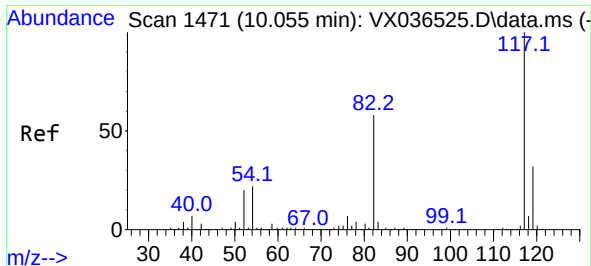
Ion Ratio Lower Upper

173 100

175 579.1 38.1 57.1#

254 0.0 6.7 10.1#

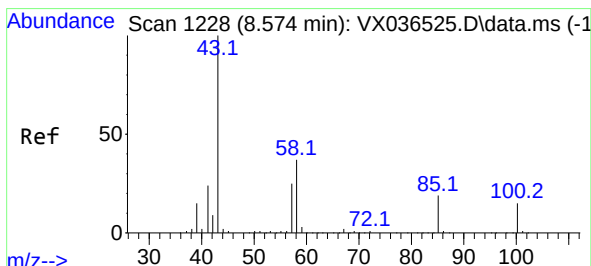
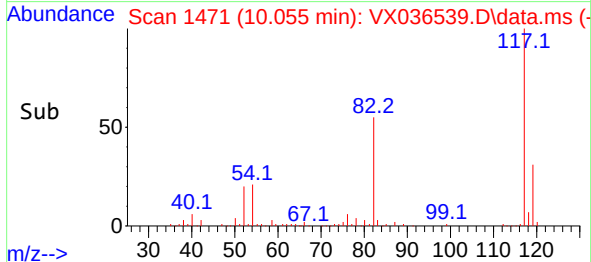
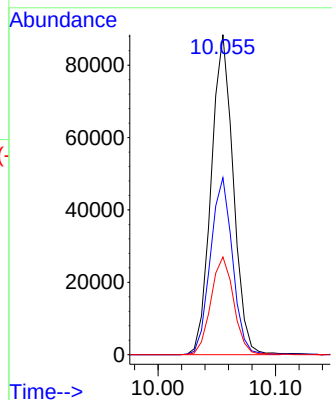
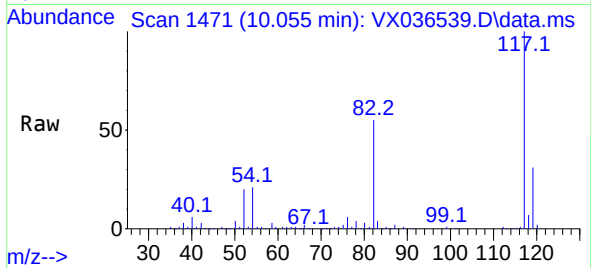




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

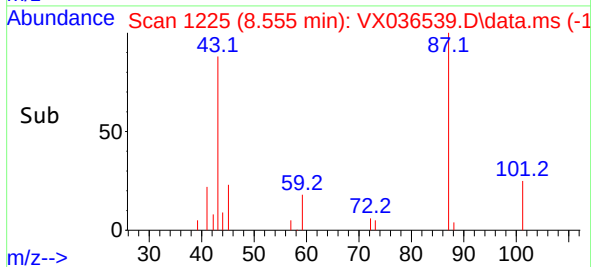
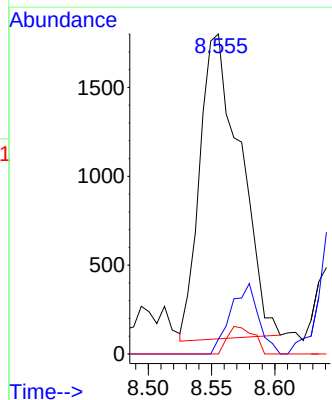
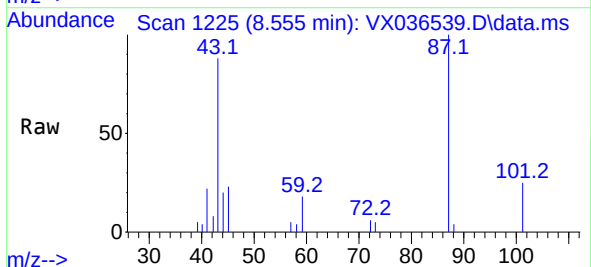
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

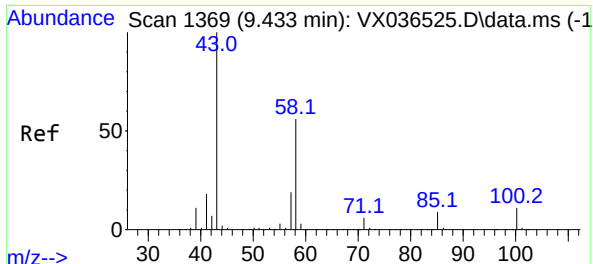
Tgt Ion:117 Resp: 115558
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 31.4 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 1.602 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.018 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion: 43 Resp: 3828
Ion Ratio Lower Upper
43 100
58 15.8 30.9 46.3#
85 5.8 14.4 21.6#

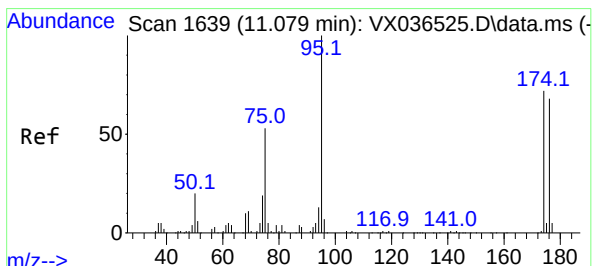
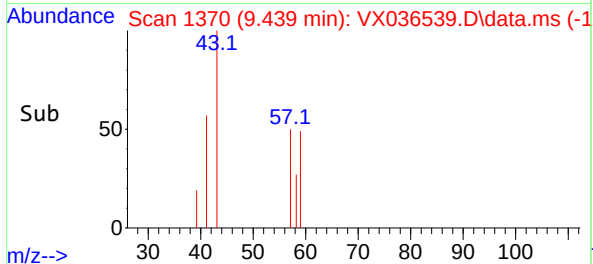
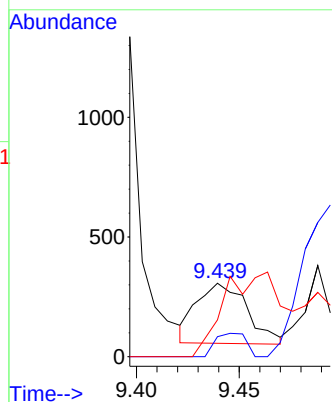
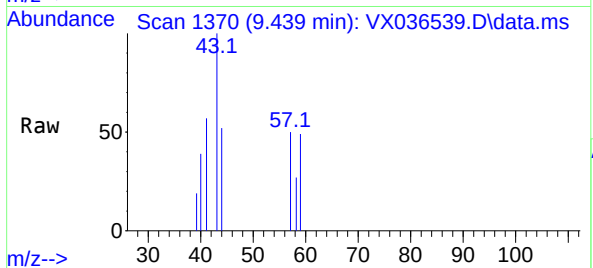




#59
2-Hexanone
Concen: 0.237 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

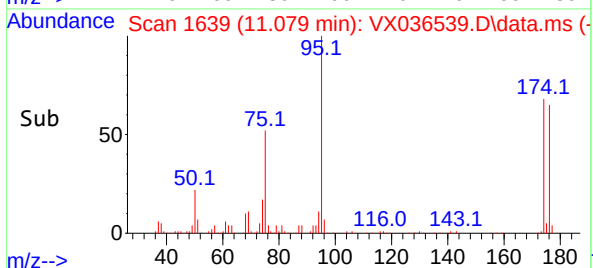
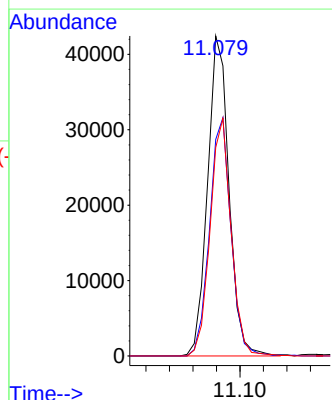
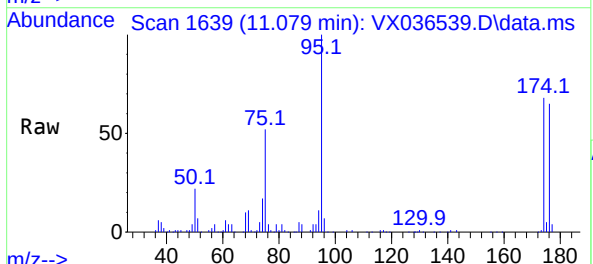
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

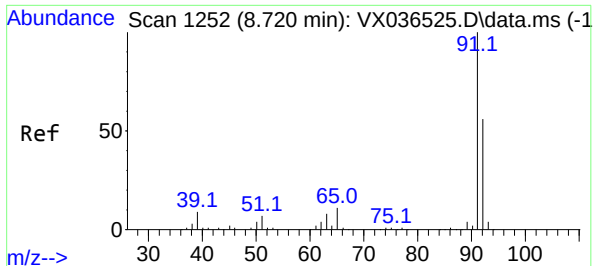
Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
58 23.5 43.4 65.2#
57 70.2 15.1 22.7#



#60
4-Bromofluorobenzene
Concen: 28.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion: 95 Resp: 53701
Ion Ratio Lower Upper
95 100
174 74.3 60.5 90.7
176 72.6 58.2 87.4





#62

Toluene

Concen: 0.933 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036539.D

Acq: 13 Jul 2023 20:39

Instrument :

MSVOA_X

ClientSampleId :

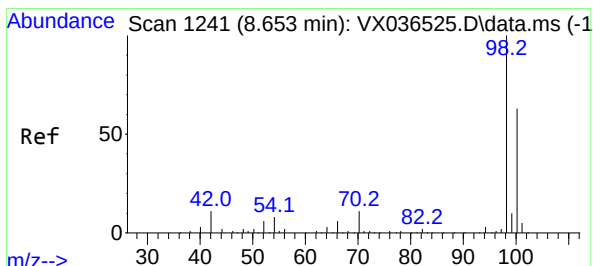
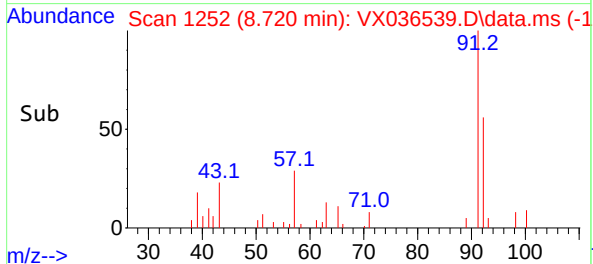
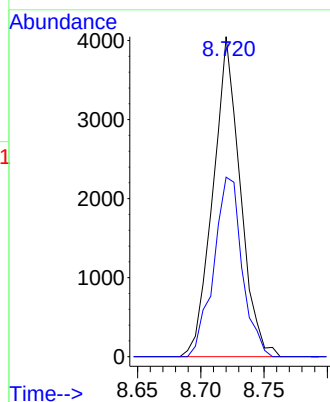
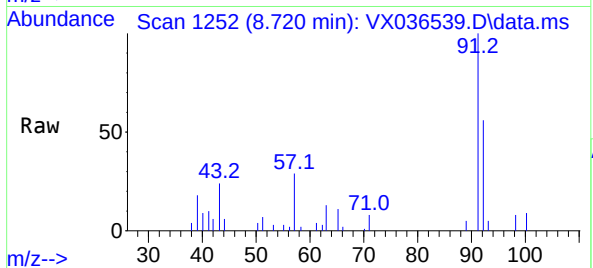
230712058-02-VOA

Tgt Ion: 91 Resp: 6048

Ion Ratio Lower Upper

91 100

92 58.6 44.9 67.3



#63

Toluene-d8

Concen: 29.257 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX036539.D

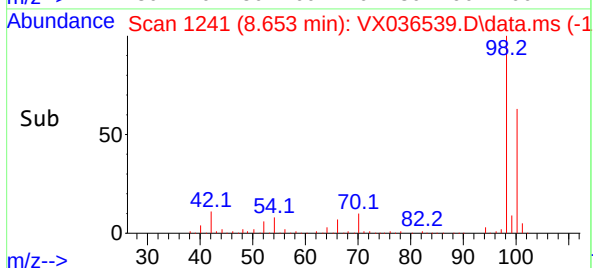
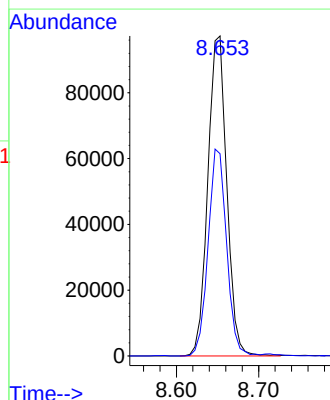
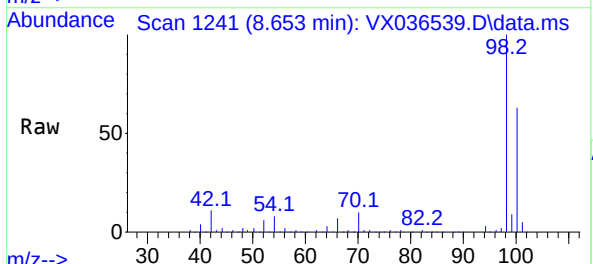
Acq: 13 Jul 2023 20:39

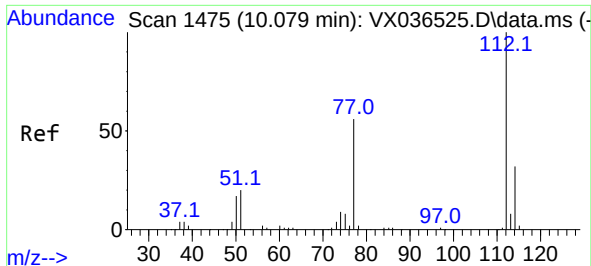
Tgt Ion: 98 Resp: 155573

Ion Ratio Lower Upper

98 100

100 62.9 51.6 77.4

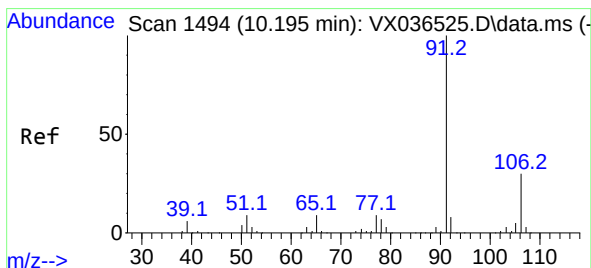
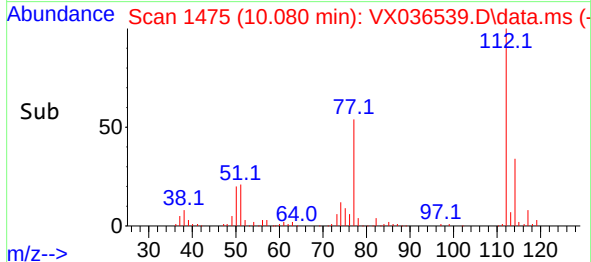
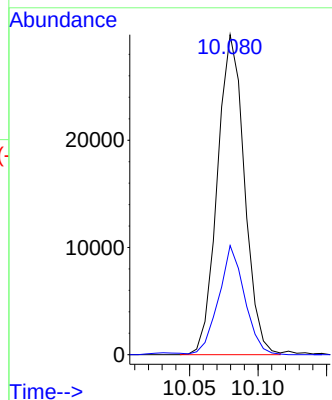
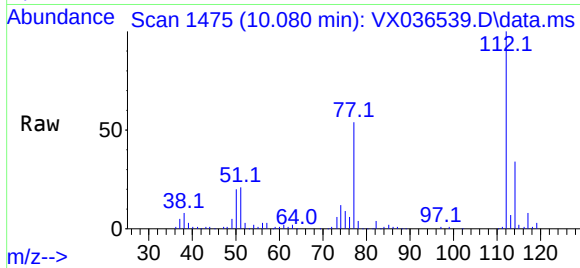




#64
Chlorobenzene
Concen: 10.154 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

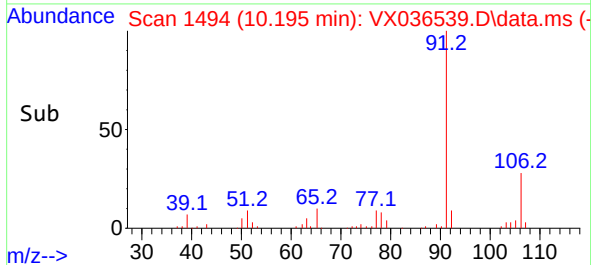
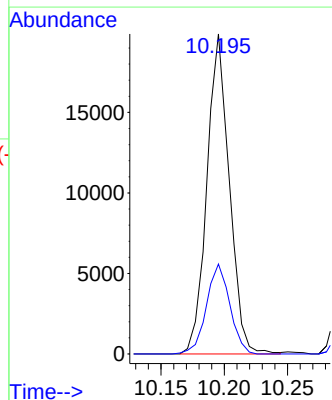
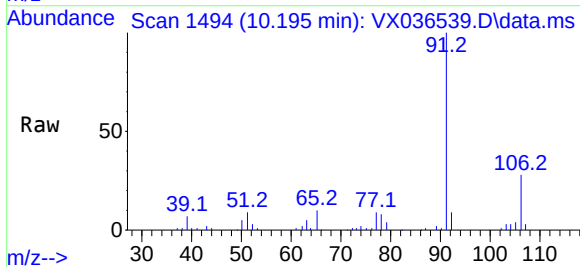
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

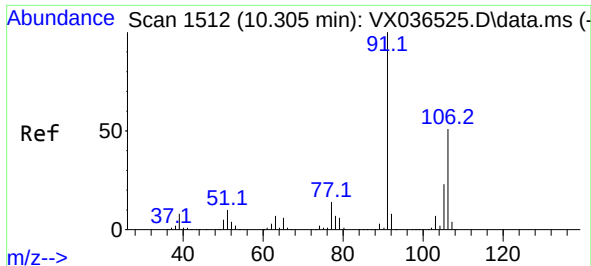
Tgt Ion:112 Resp: 40986
Ion Ratio Lower Upper
112 100
114 33.9 25.8 38.6



#66
Ethyl Benzene
Concen: 3.482 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion: 91 Resp: 24535
Ion Ratio Lower Upper
91 100
106 28.1 24.2 36.4

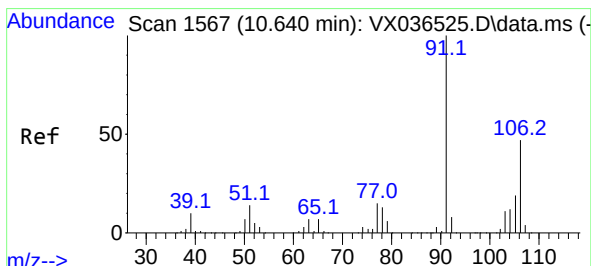
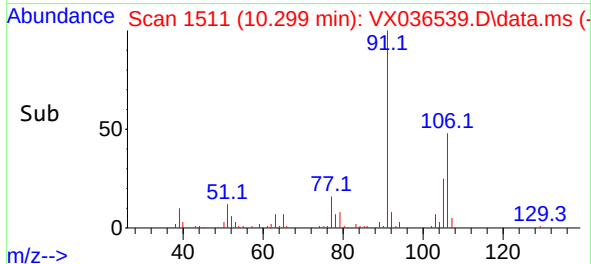
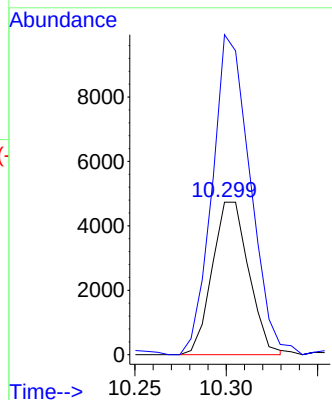
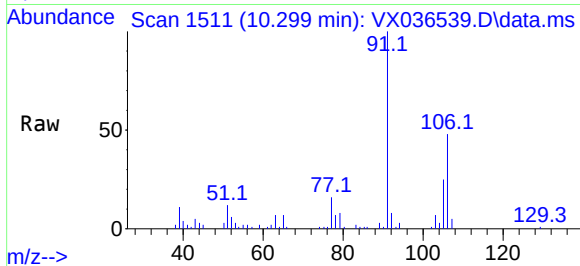




#67
m/p-Xylenes
Concen: 2.404 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

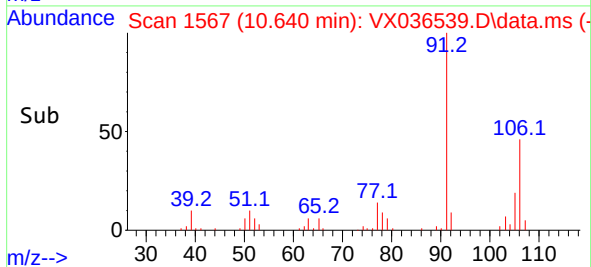
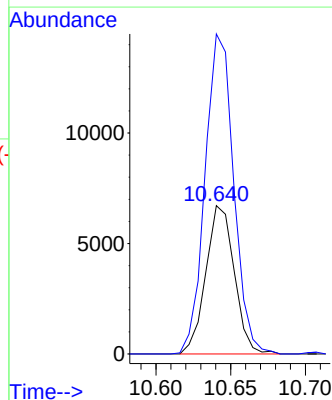
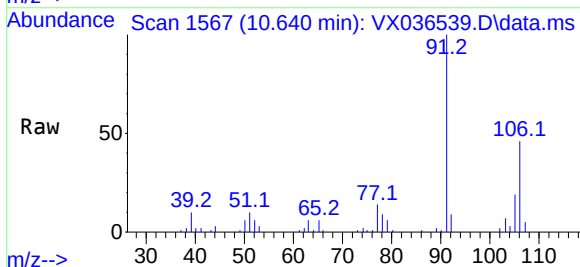
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

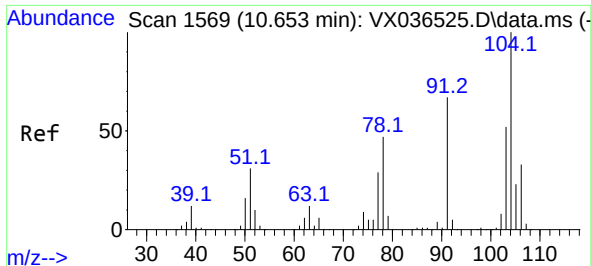
Tgt Ion:106 Resp: 6603
Ion Ratio Lower Upper
106 100
91 217.6 160.5 240.7



#68
o-Xylene
Concen: 3.262 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion:106 Resp: 8893
Ion Ratio Lower Upper
106 100
91 217.0 105.4 316.1

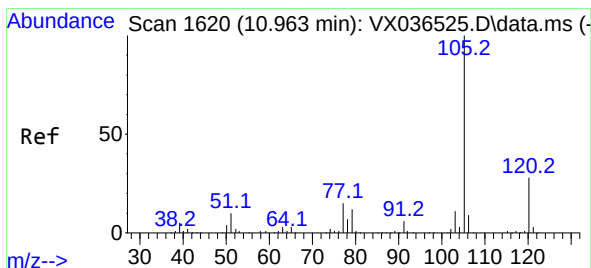
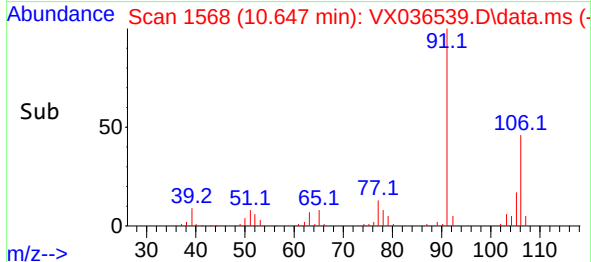
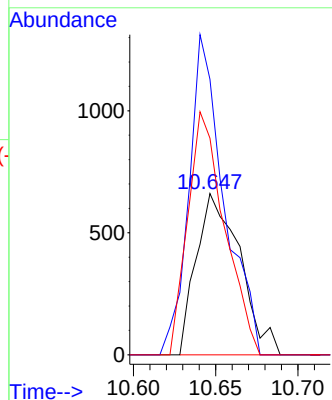
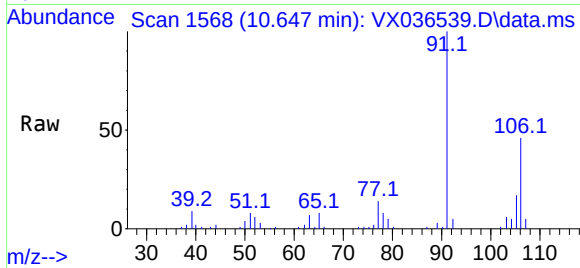




#69
Styrene
Concen: 0.276 ug/l
RT: 10.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

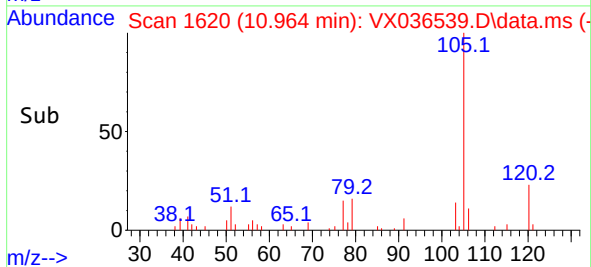
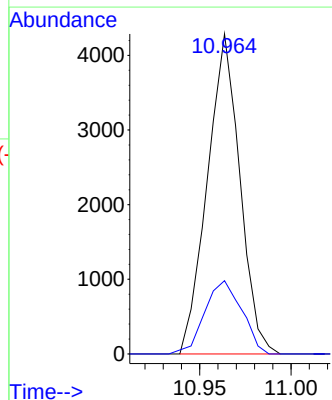
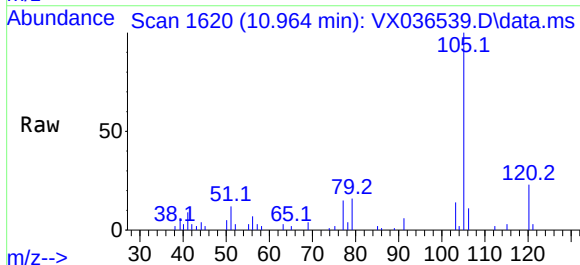
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

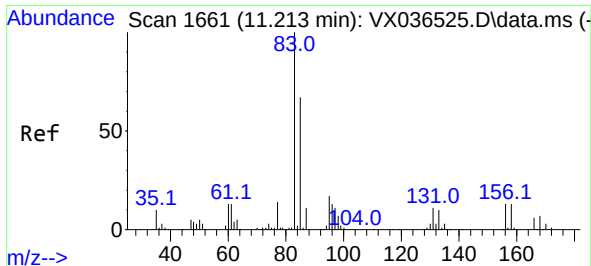
Tgt Ion:104 Resp: 1220
Ion Ratio Lower Upper
104 100
78 159.8 41.0 61.4#
103 127.0 45.5 68.3#



#70
Isopropylbenzene
Concen: 0.782 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion:105 Resp: 5313
Ion Ratio Lower Upper
105 100
120 26.0 19.5 36.3

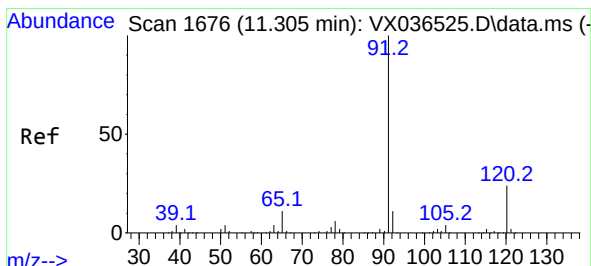
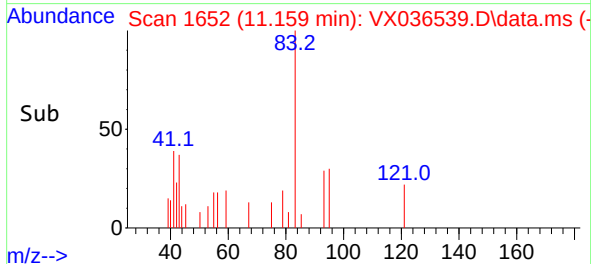
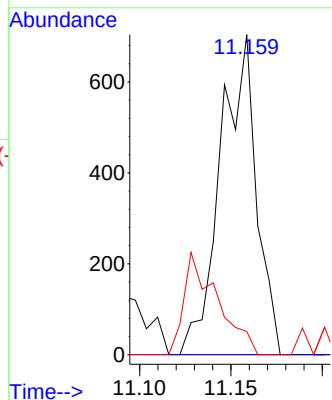
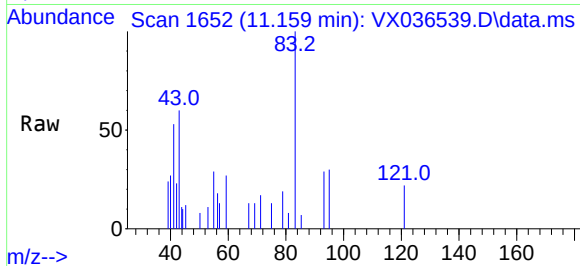




#71
1,1,2,2-Tetrachloroethane
Concen: 0.389 ug/l
RT: 11.159 min Scan# 1652
Delta R.T. -0.055 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

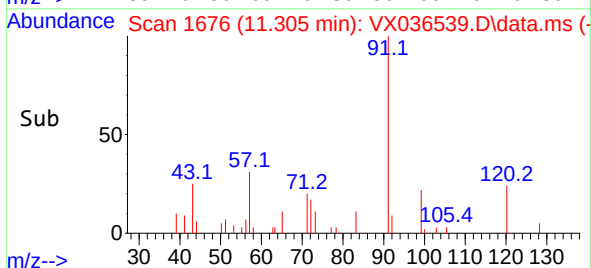
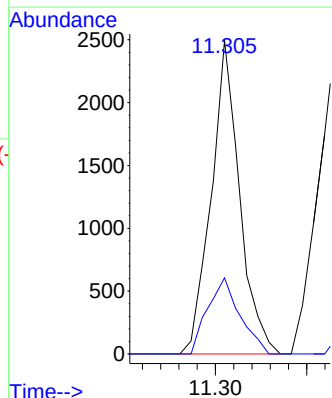
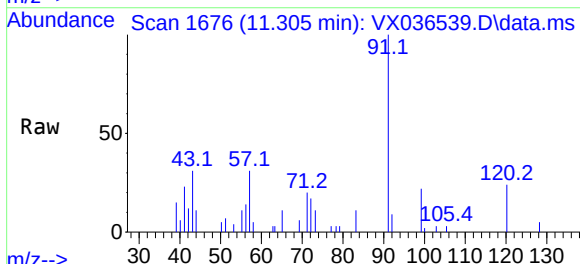
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

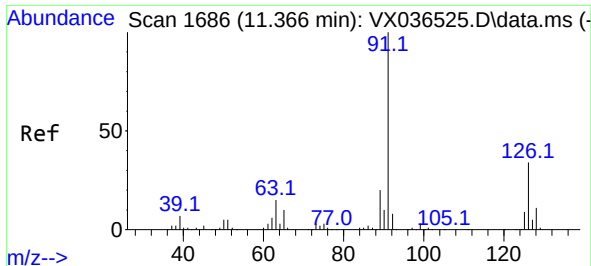
Tgt Ion: 83 Resp: 965
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 2.3 32.4 97.0#



#74
n-propylbenzene
Concen: 0.337 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion: 91 Resp: 2692
Ion Ratio Lower Upper
91 100
120 27.7 0.0 46.6

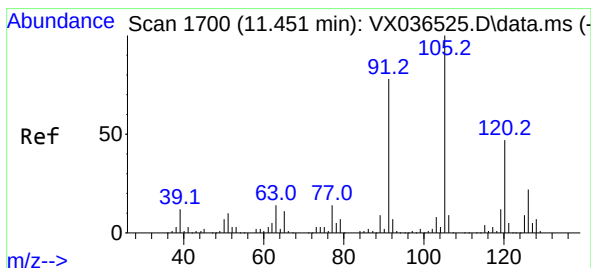
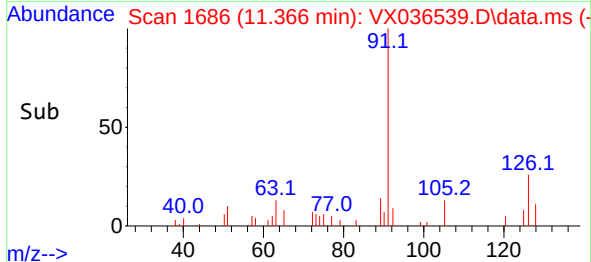
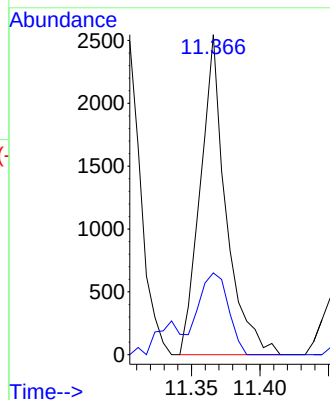
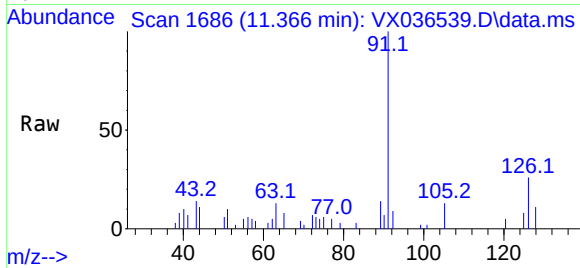




#75
2-Chlorotoluene
Concen: 0.681 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

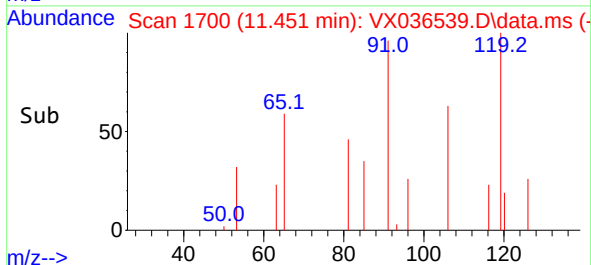
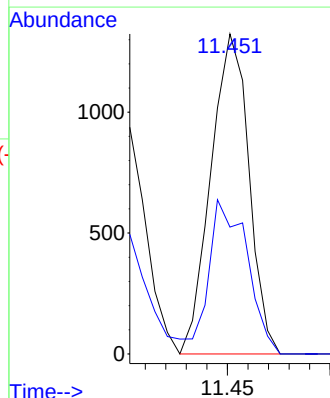
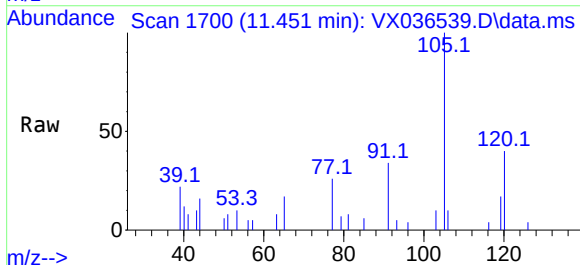
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

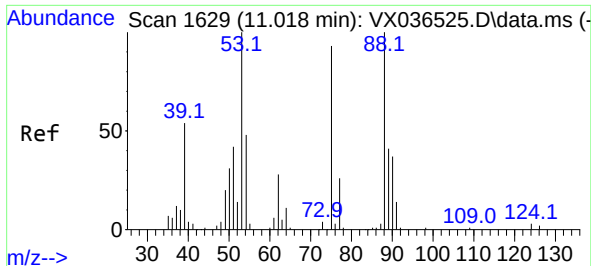
Tgt Ion: 91 Resp: 3309
Ion Ratio Lower Upper
91 100
126 28.8 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 0.292 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion: 105 Resp: 1705
Ion Ratio Lower Upper
105 100
120 48.7 0.0 96.4





#77

t-1,4-Dichloro-2-butene

Concen: 0.428 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036539.D

Acq: 13 Jul 2023 20:39

Instrument :

MSVOA_X

ClientSampleId :

230712058-02-VOA

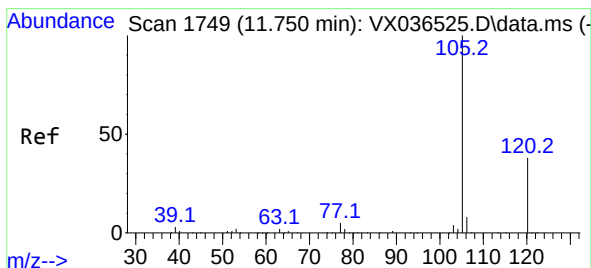
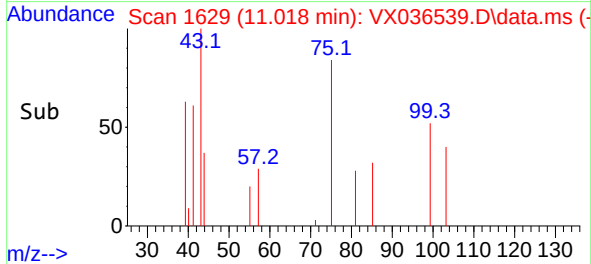
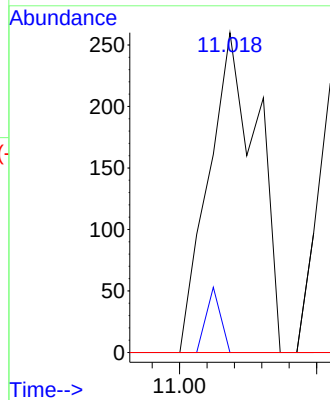
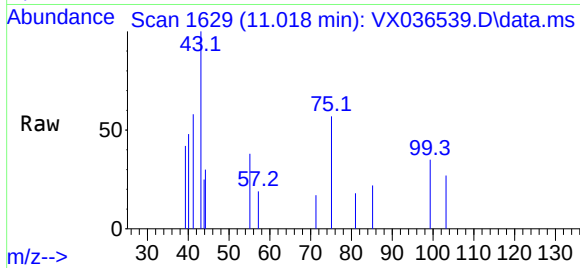
Tgt Ion: 75 Resp: 323

Ion Ratio Lower Upper

75 100

53 0.0 53.9 161.7#

89 0.0 22.1 66.1#



#80

1,2,4-Trimethylbenzene

Concen: 1.832 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036539.D

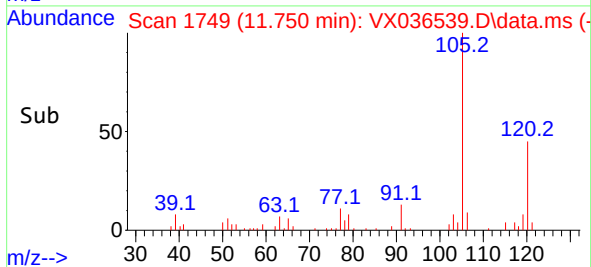
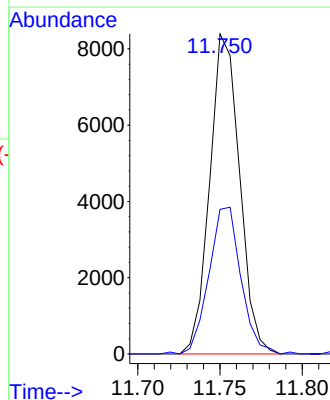
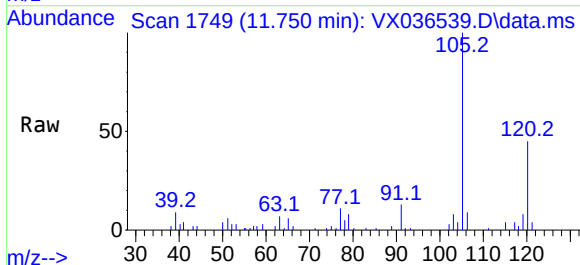
Acq: 13 Jul 2023 20:39

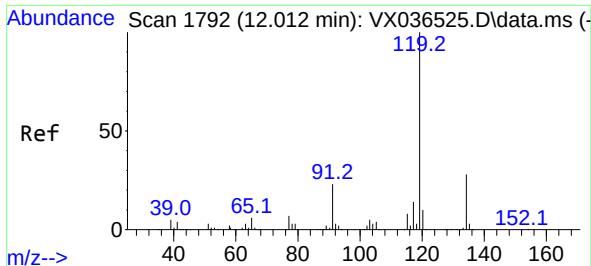
Tgt Ion: 105 Resp: 10591

Ion Ratio Lower Upper

105 100

120 48.9 0.0 90.2

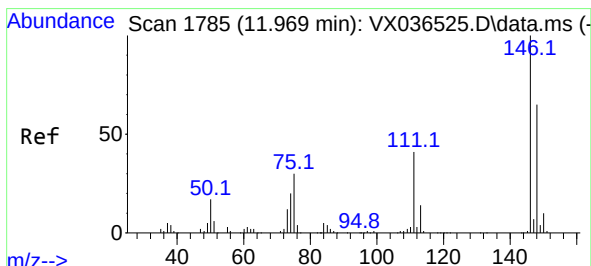
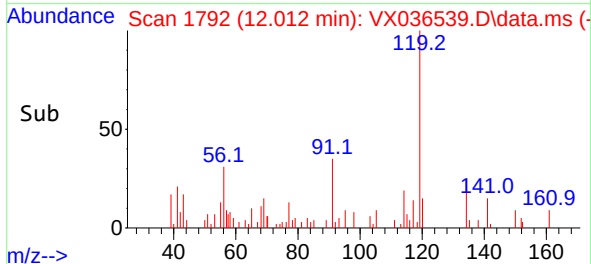
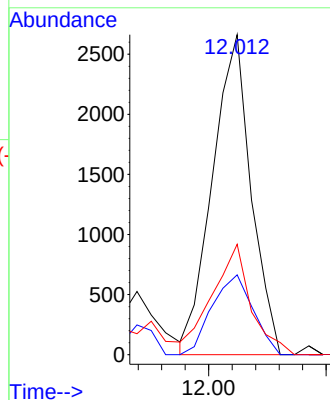
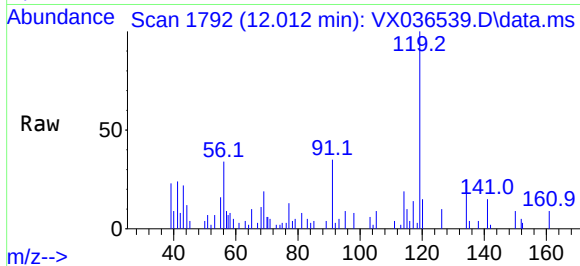




#82
p-Isopropyltoluene
Concen: 0.524 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

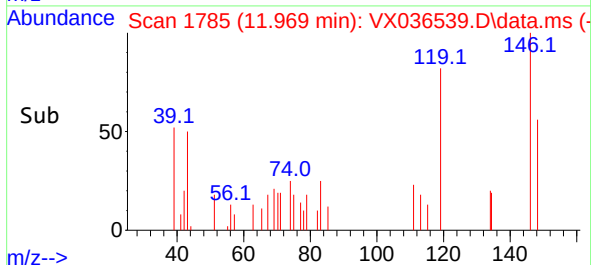
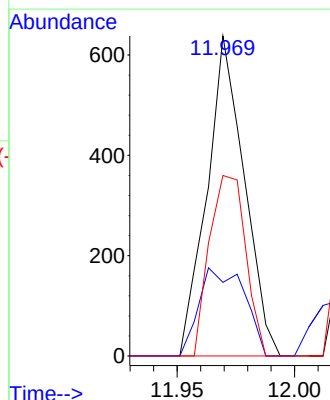
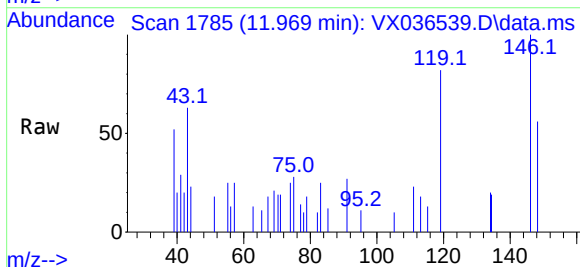
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

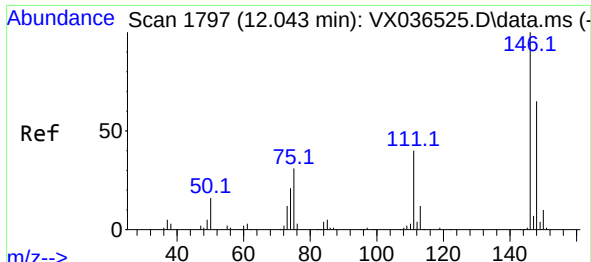
Tgt Ion:	119	Resp:	3041
Ion	Ratio	Lower	Upper
119	100		
134	26.5	0.0	53.2
91	34.5	0.0	49.4



#83
1,3-Dichlorobenzene
Concen: 0.225 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion:	146	Resp:	704
Ion	Ratio	Lower	Upper
146	100		
111	33.5	20.4	61.2
148	55.0	31.6	94.8

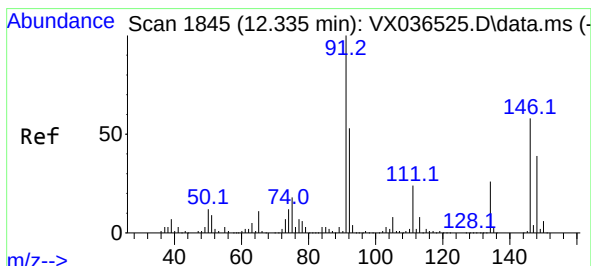
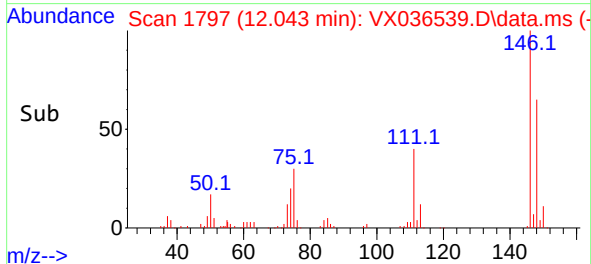
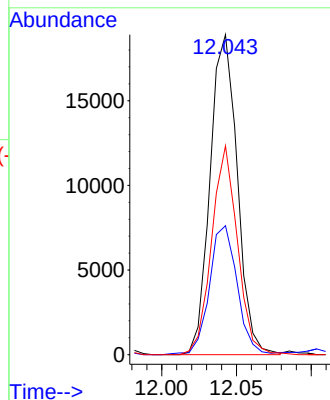
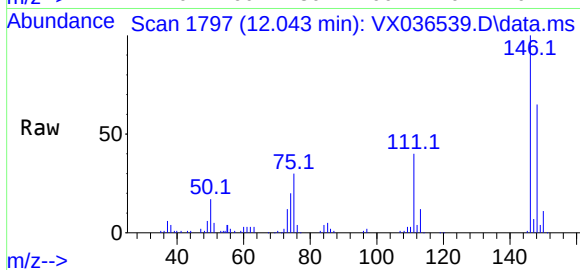




#84
1,4-Dichlorobenzene
Concen: 7.693 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

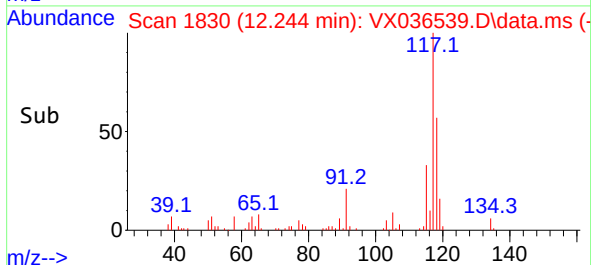
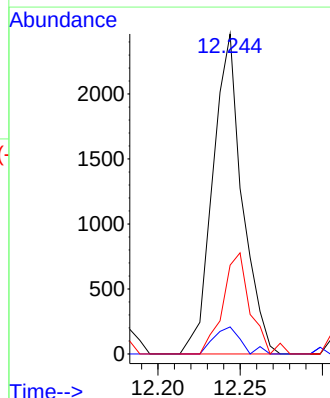
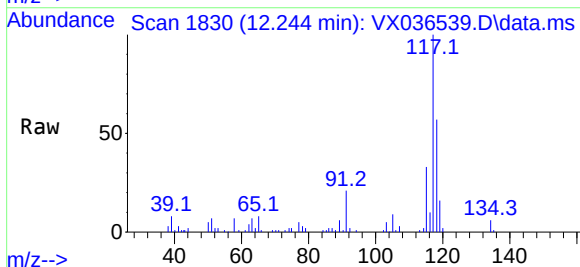
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

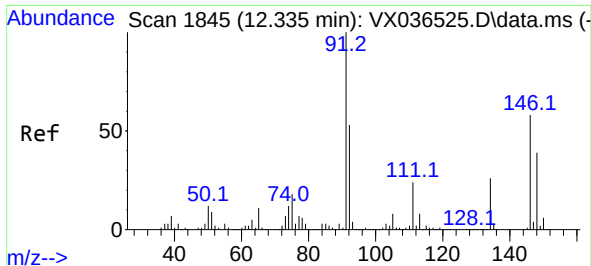
Tgt Ion:	146	Resp:	23934
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.6
148	62.0	32.1	96.3



#85
n-Butylbenzene
Concen: 0.581 ug/l
RT: 12.244 min Scan# 1830
Delta R.T. -0.091 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion:	91	Resp:	3065
Ion	Ratio	Lower	Upper
91	100		
92	7.1	0.0	105.2
134	28.4	0.0	51.4





#87

1,2-Dichlorobenzene

Concen: 0.474 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036539.D

Acq: 13 Jul 2023 20:39

Instrument :

MSVOA_X

ClientSampleId :

230712058-02-VOA

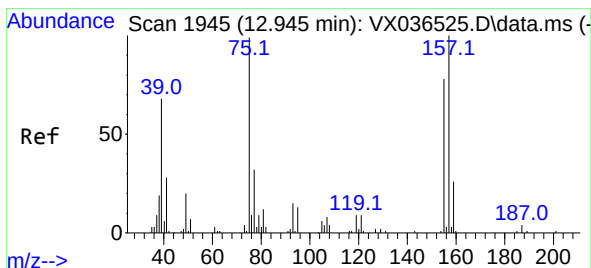
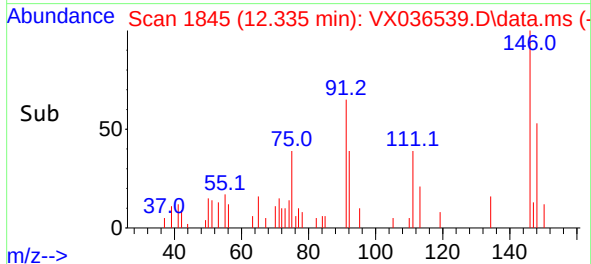
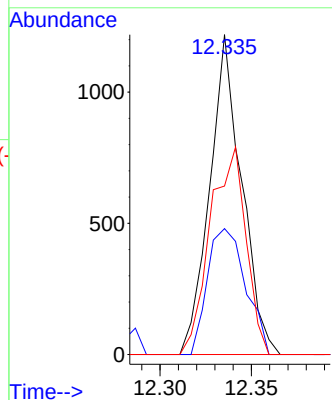
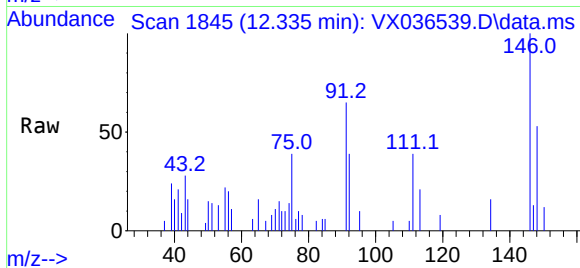
Tgt Ion:146 Resp: 1485

Ion Ratio Lower Upper

146 100

111 47.1 21.4 64.3

148 72.5 33.2 99.6



#88

1,2-Dibromo-3-Chloropropane

Concen: 0.230 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX036539.D

Acq: 13 Jul 2023 20:39

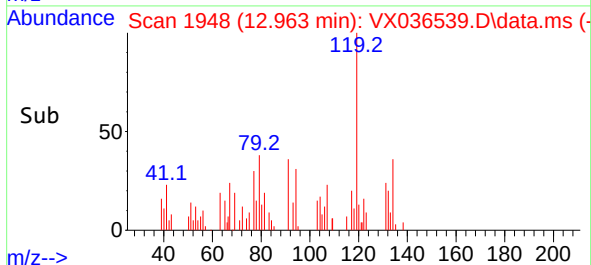
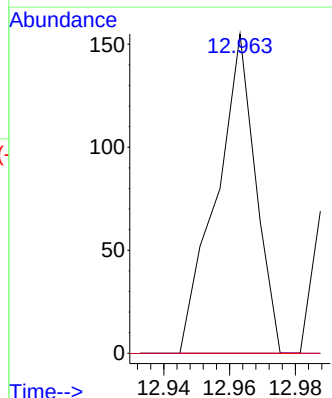
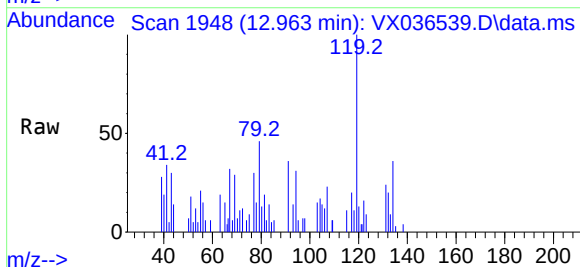
Tgt Ion: 75 Resp: 128

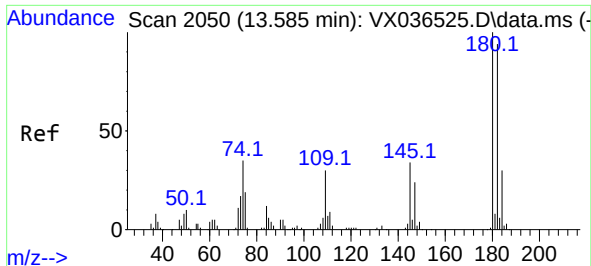
Ion Ratio Lower Upper

75 100

155 0.0 62.7 94.1#

157 0.0 81.5 122.3#

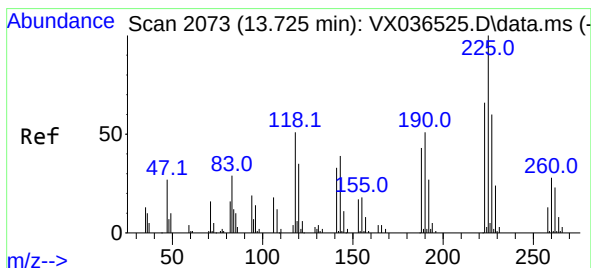
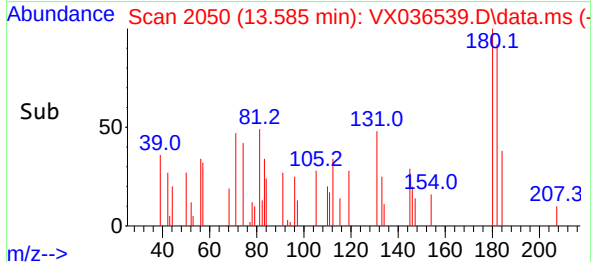
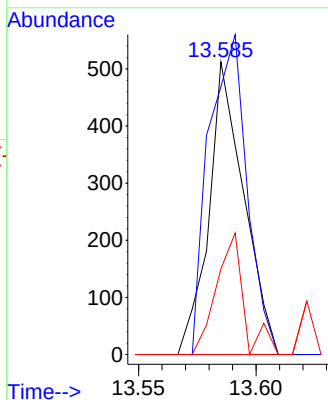
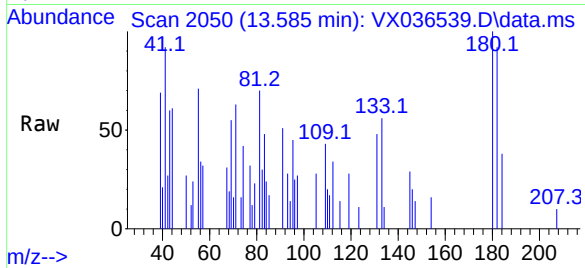




#89
1,2,4-Trichlorobenzene
Concen: 0.269 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

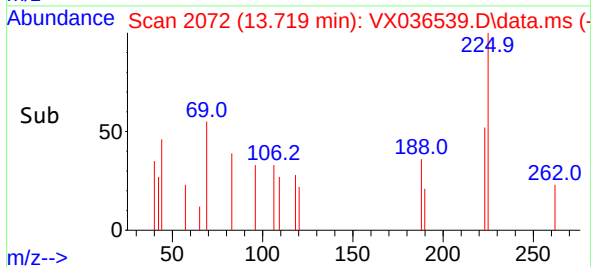
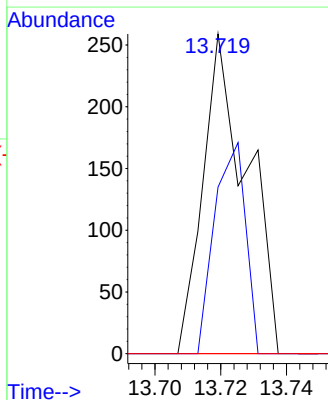
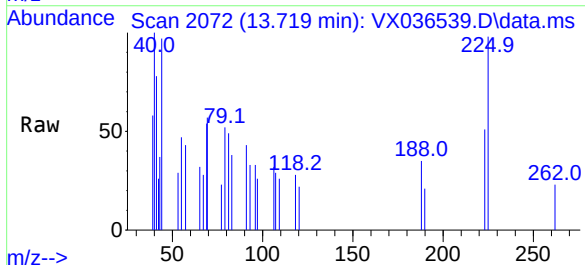
Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA

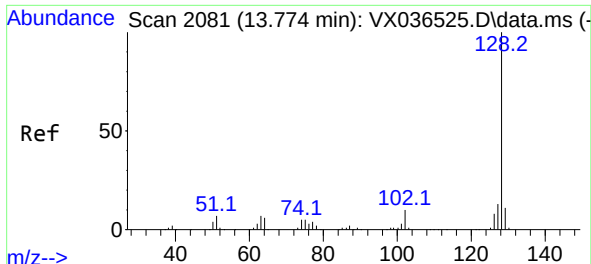
Tgt Ion:180 Resp: 531
Ion Ratio Lower Upper
180 100
182 119.2 75.6 113.4#
145 28.6 25.4 38.2



#90
Hexachlorobutadiene
Concen: 0.336 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

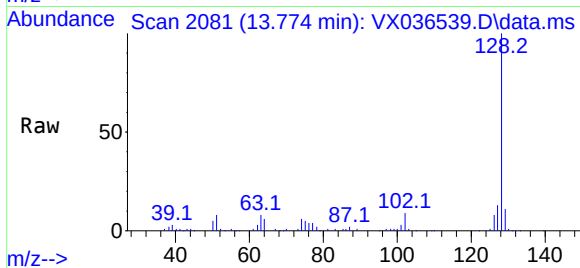
Tgt Ion:225 Resp: 241
Ion Ratio Lower Upper
225 100
223 46.5 0.0 124.2
227 0.0 0.0 120.4





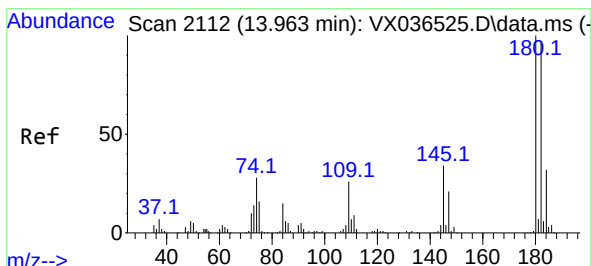
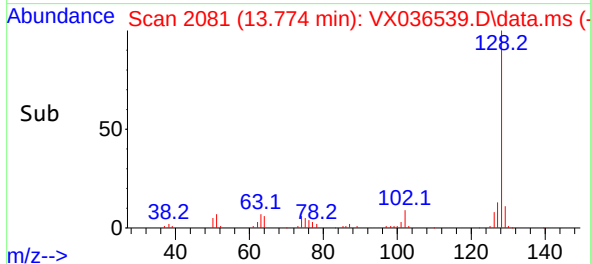
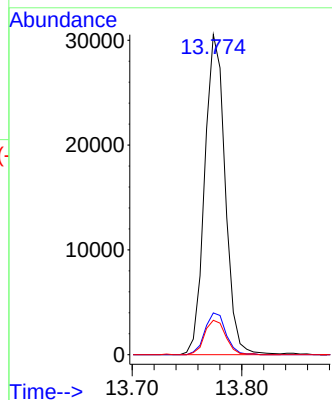
#91
Naphthalene
Concen: 5.712 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Instrument :
MSVOA_X
ClientSampleId :
230712058-02-VOA



Tgt Ion:128 Resp: 39579

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.1	8.7	13.1



#92
1,2,3-Trichlorobenzene
Concen: 0.250 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036539.D
Acq: 13 Jul 2023 20:39

Tgt Ion:180 Resp: 499

Ion	Ratio	Lower	Upper
180	100		
182	78.4	0.0	190.6
145	8.0	0.0	66.8

