

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036635.D
 Acq On : 24 Jul 2023 17:21
 Operator : JC/MD
 Sample : 03718-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 34585

Quant Time: Jul 25 06:37:59 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	5.556	168	158691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121191	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108860	46.362	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.720%
35) Dibromofluoromethane	5.385	113	90390	46.397	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	8.647	98	344165	49.816	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.640%
62) 4-Bromofluorobenzene	11.079	95	132846	50.966	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.940%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.313	85	50	0.024	ug/l #	41
3) Chloromethane	1.307	50	226	0.119	ug/l #	70
6) Chloroethane	1.709	64	99	0.105	ug/l #	43
7) Trichlorofluoromethane	1.898	101	24	0.008	ug/l #	18
8) Diethyl Ether	2.136	74	28	0.024	ug/l #	1
11) Tert butyl alcohol	2.989	59	5908	10.628	ug/l #	76
12) 1,1-Dichloroethene	2.172	96	197	0.111	ug/l #	3
15) Acrylonitrile	3.081	53	19	0.017	ug/l #	17
16) Acetone	2.386	43	5578615	5725.422	ug/l #	85
17) Carbon Disulfide	2.514	76	870	0.177	ug/l #	94
20) Methylene Chloride	2.794	84	1266	0.584	ug/l #	78
22) Diisopropyl ether	3.770	45	22	0.003	ug/l #	22
23) Vinyl Acetate	3.727	43	74	0.015	ug/l #	73
25) 2-Butanone	4.562	43	248645	157.287	ug/l	95
31) Cyclohexane	5.477	56	2162	0.665	ug/l #	92
39) Methylcyclohexane	7.391	83	1578	0.437	ug/l #	74
40) Benzene	6.037	78	288633	34.164	ug/l	99
43) Isopropyl Acetate	6.348	43	1109	0.196	ug/l #	62
47) Bromodichloromethane	7.897	83	22	0.007	ug/l #	26
51) 4-Methyl-2-Pentanone	8.580	43	2692	0.860	ug/l	90
52) Toluene	8.720	92	228884	43.237	ug/l	97
53) t-1,3-Dichloropropene	8.860	75	302	0.082	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	179	0.046	ug/l #	71
56) Ethyl methacrylate	9.214	69	83	0.023	ug/l #	22
59) 2-Hexanone	9.439	43	2064	0.888	ug/l	99
65) Chlorobenzene	10.275	112	117	0.020	ug/l #	43
67) Ethyl Benzene	10.195	91	36768	3.467	ug/l	99
68) m/p-Xylenes	10.299	106	62557	15.810	ug/l	100
69) o-Xylene	10.640	106	24845	6.291	ug/l	96
70) Styrene	10.659	104	40059	6.148	ug/l	99
73) Isopropylbenzene	10.963	105	1881	0.188	ug/l	96
74) N-ethyl acetate	10.860	43	430	0.092	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.280	83	218	0.064	ug/l #	1
78) n-propylbenzene	11.305	91	3035	0.262	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	8648	1.031	ug/l	98
82) 4-Chlorotoluene	11.451	91	997	0.124	ug/l #	46

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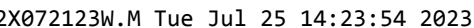
Quant Time: Jul 25 06:37:59 2023
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 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
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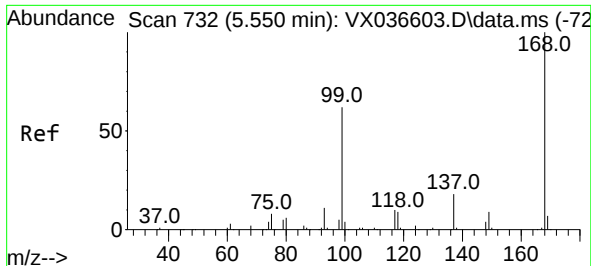
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) tert-Butylbenzene	11.969	119	1196	0.145	ug/l	75
84) 1,2,4-Trimethylbenzene	11.750	105	17279	2.059	ug/l	98
85) sec-Butylbenzene	11.896	105	536	0.052	ug/l	85
86) p-Isopropyltoluene	12.012	119	679	0.080	ug/l #	21
87) 1,3-Dichlorobenzene	11.963	146	44	0.010	ug/l #	24
88) 1,4-Dichlorobenzene	12.043	146	308	0.073	ug/l #	24
89) n-Butylbenzene	12.329	91	904	0.119	ug/l #	44
90) Hexachloroethane	12.555	117	218	0.127	ug/l #	17
91) 1,2-Dichlorobenzene	12.329	146	22	0.005	ug/l #	24
92) 1,2-Dibromo-3-Chloropr...	12.969	75	116	0.147	ug/l #	9
95) Naphthalene	13.774	128	615213	70.193	ug/l	100

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

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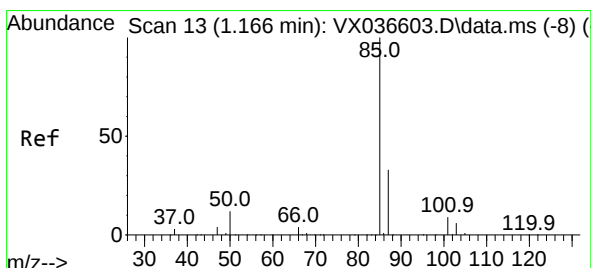
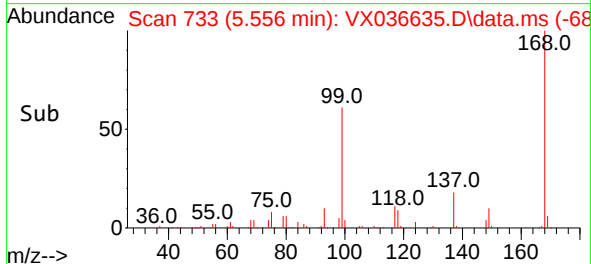
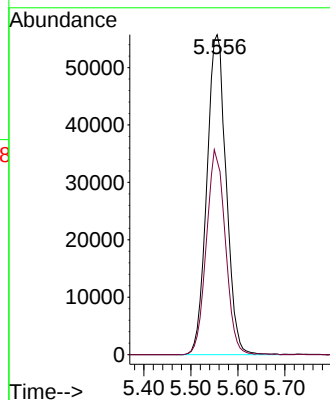
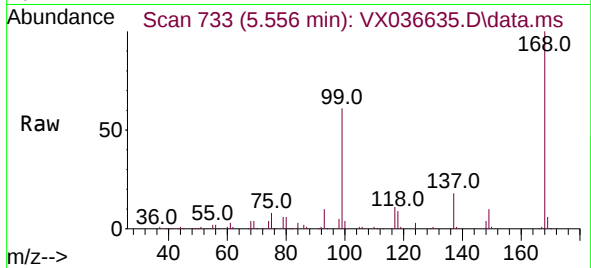




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036635.D
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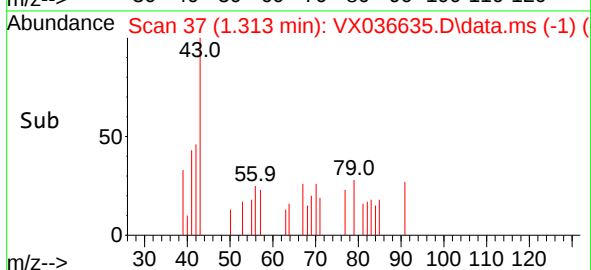
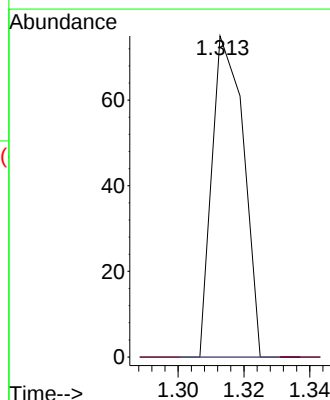
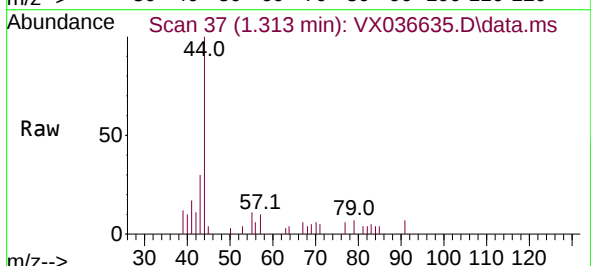
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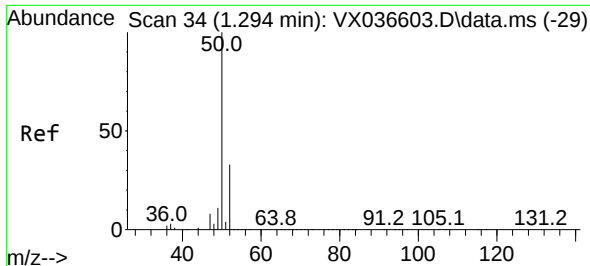
Tgt Ion:168 Resp: 158691
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.024 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.146 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 85 Resp: 50
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

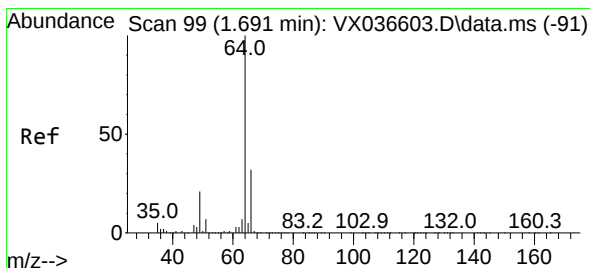
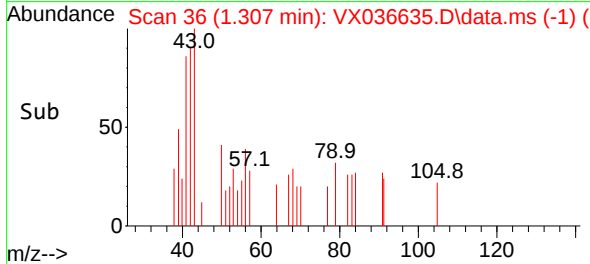
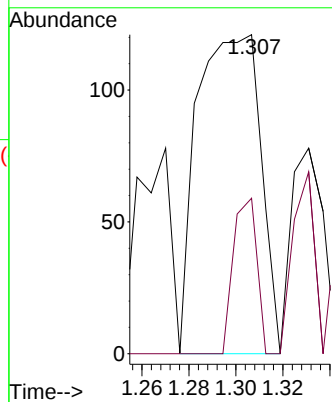
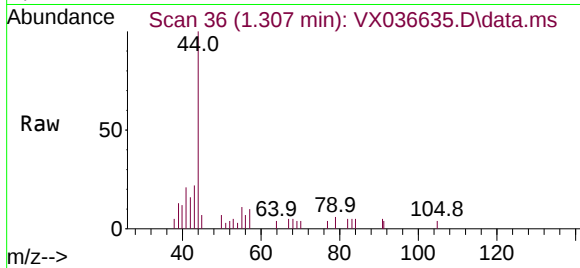




#3
Chloromethane
Concen: 0.119 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

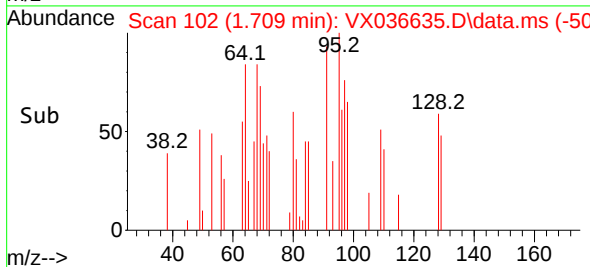
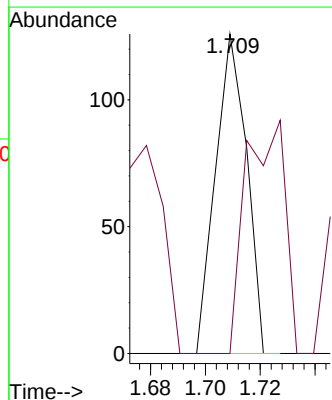
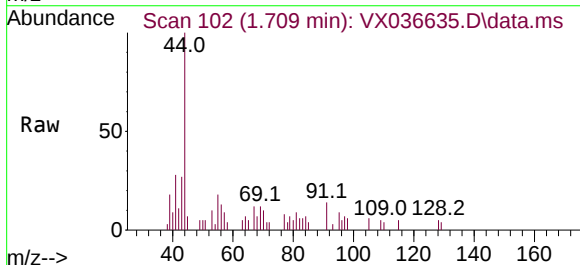
Instrument :
MSVOA_X
ClientSampleId :
34585

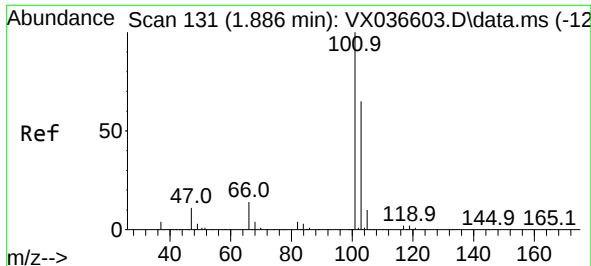
Tgt Ion: 50 Resp: 226
Ion Ratio Lower Upper
50 100
52 48.8 25.5 38.3#



#6
Chloroethane
Concen: 0.105 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.018 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 64 Resp: 99
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

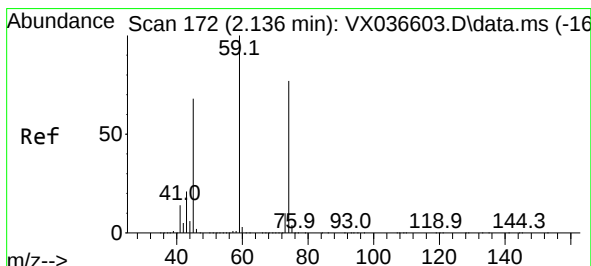
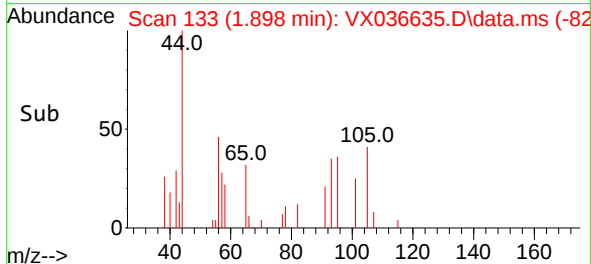
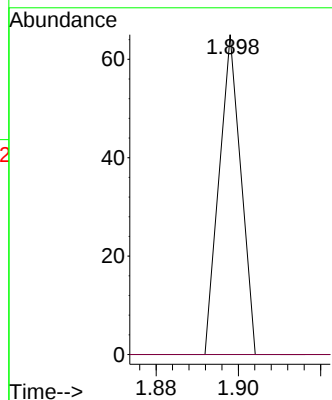
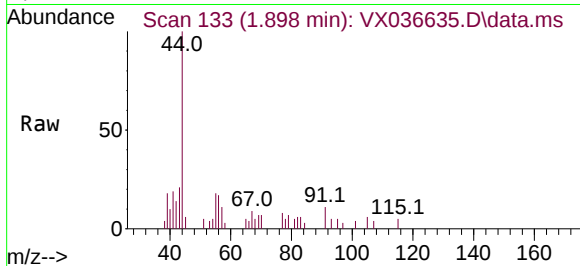




#7
 Trichlorofluoromethane
 Concen: 0.008 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX036635.D
 Acq: 24 Jul 2023 17:21

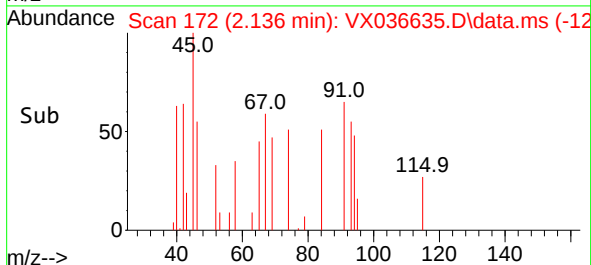
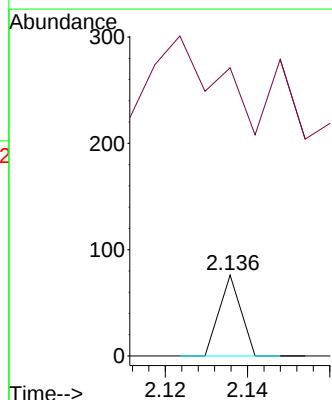
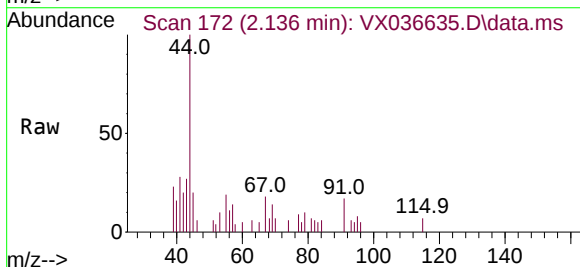
Instrument :
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 ClientSampleId :
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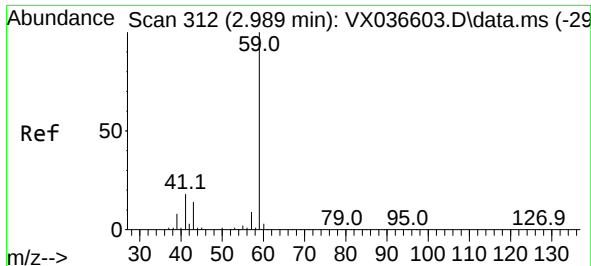
Tgt Ion:101 Resp: 24
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.4 77.2#



#8
 Diethyl Ether
 Concen: 0.024 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX036635.D
 Acq: 24 Jul 2023 17:21

Tgt Ion: 74 Resp: 28
 Ion Ratio Lower Upper
 74 100
 45 0.0 53.3 159.8#

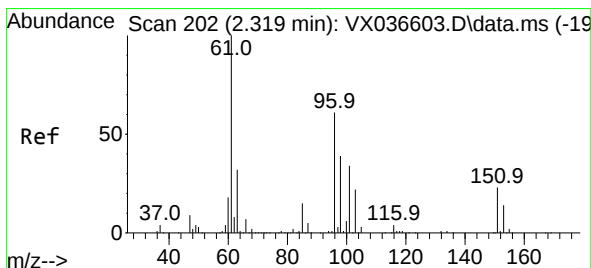
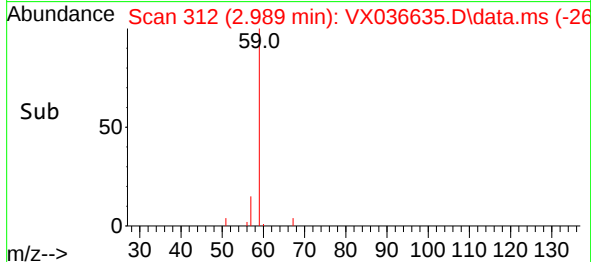
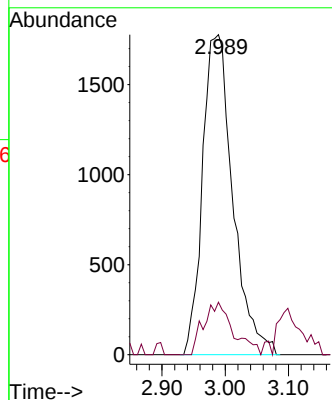
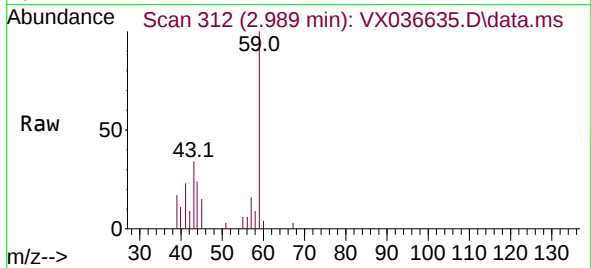




#11
Tert butyl alcohol
Concen: 10.628 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

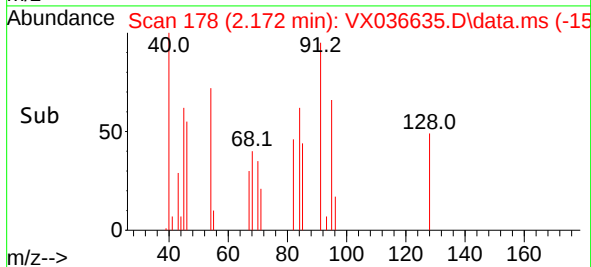
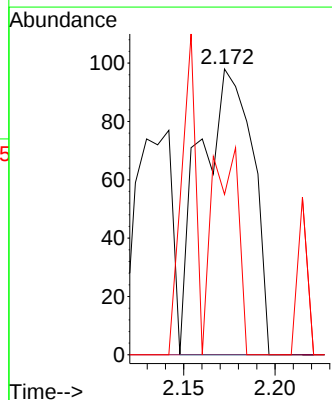
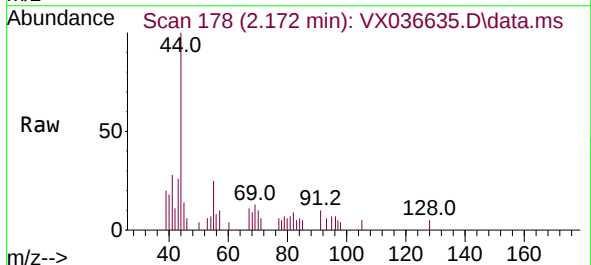
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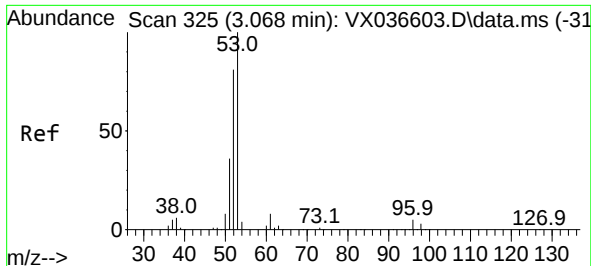
Tgt Ion: 59 Resp: 5908
Ion Ratio Lower Upper
59 100
57 16.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.111 ug/l
RT: 2.172 min Scan# 178
Delta R.T. -0.146 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 96 Resp: 197
Ion Ratio Lower Upper
96 100
61 0.0 144.6 216.8#
98 56.1 50.4 75.6

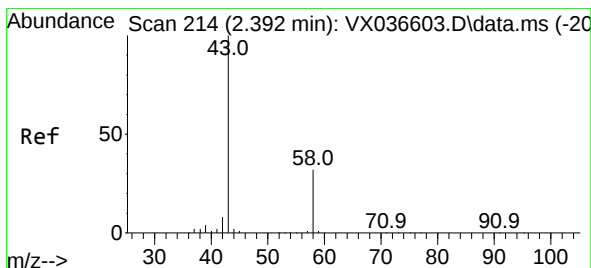
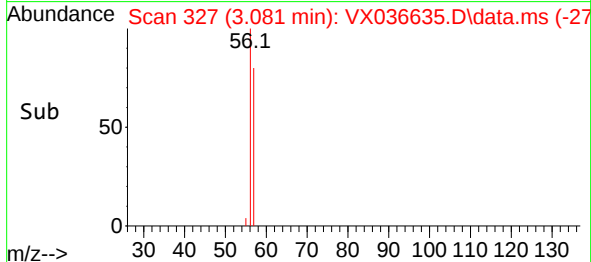
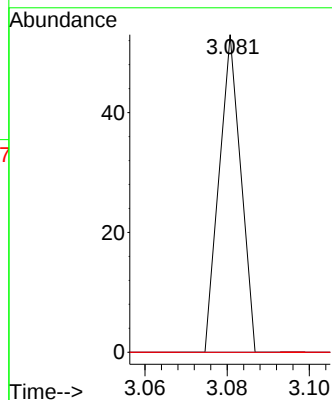
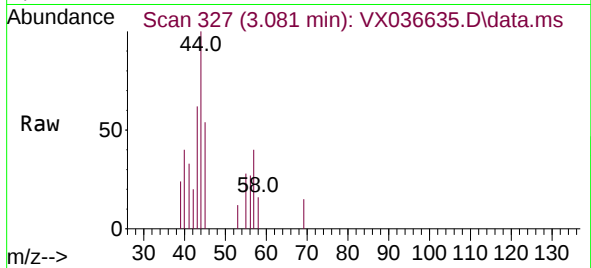




#15
Acrylonitrile
Concen: 0.017 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

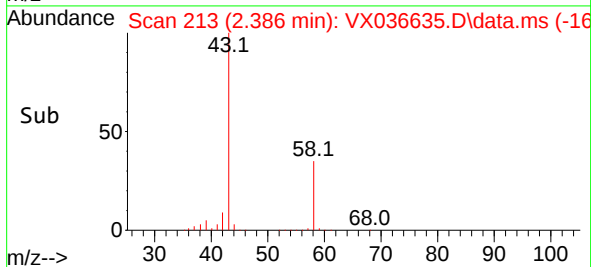
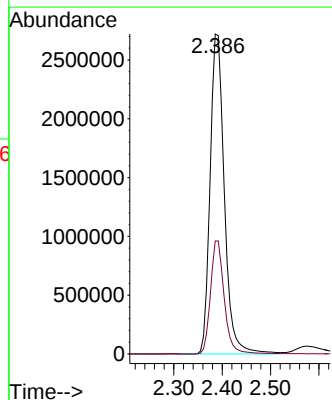
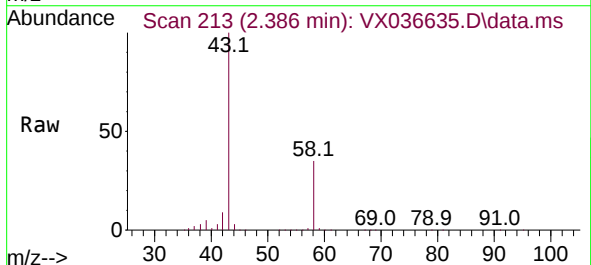
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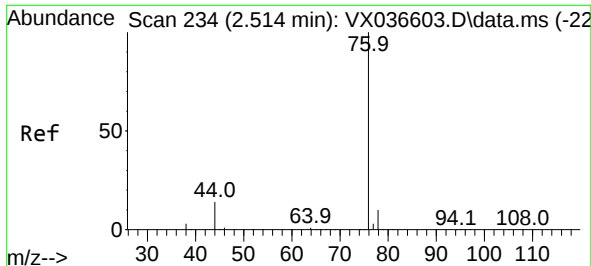
Tgt Ion: 53 Resp: 19
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 5725.422 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 43 Resp: 5578615
Ion Ratio Lower Upper
43 100
58 35.3 21.9 32.9#

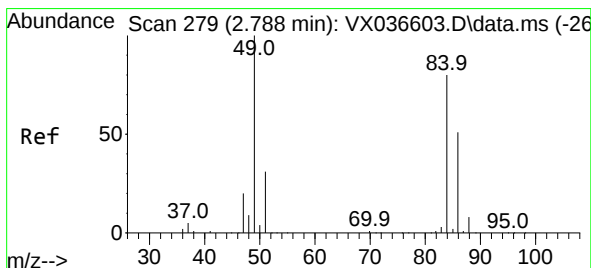
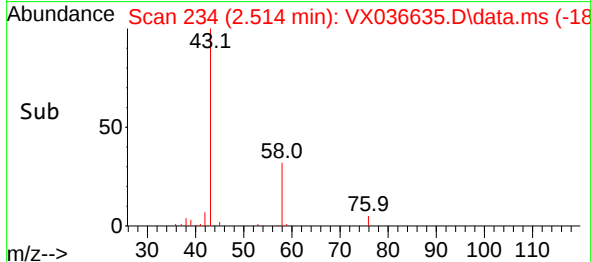
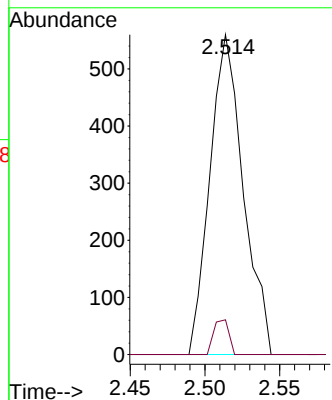
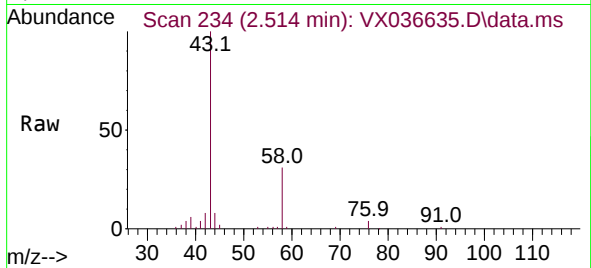




#17
Carbon Disulfide
Concen: 0.177 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

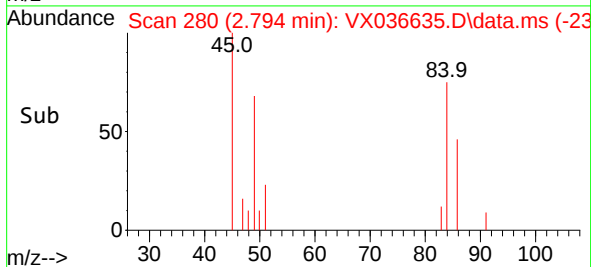
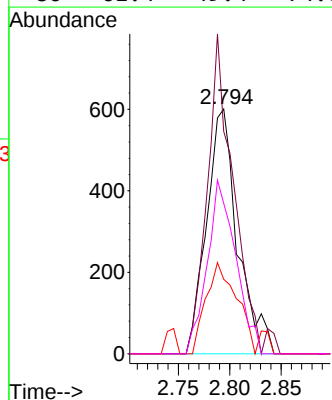
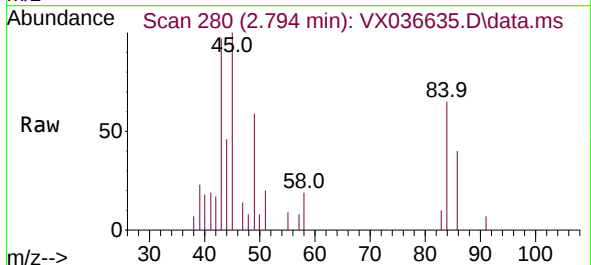
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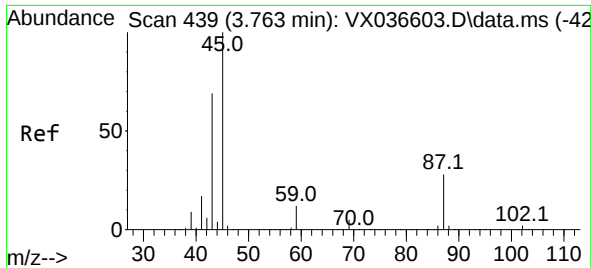
Tgt Ion: 76 Resp: 870
Ion Ratio Lower Upper
76 100
78 10.9 7.0 10.6#



#20
Methylene Chloride
Concen: 0.584 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036635.D
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Tgt Ion: 84 Resp: 1266
Ion Ratio Lower Upper
84 100
49 90.8 103.6 155.4#
51 30.4 33.8 50.6#
86 61.4 49.4 74.0

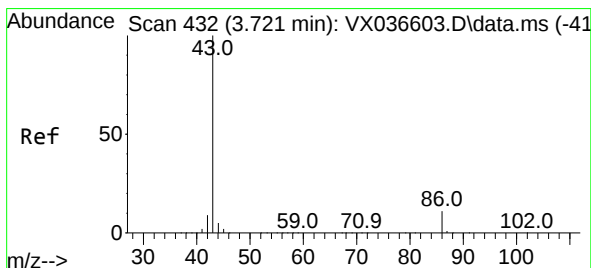
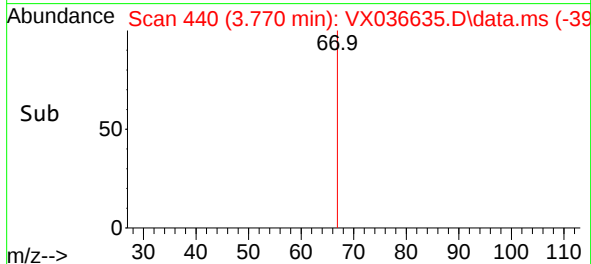
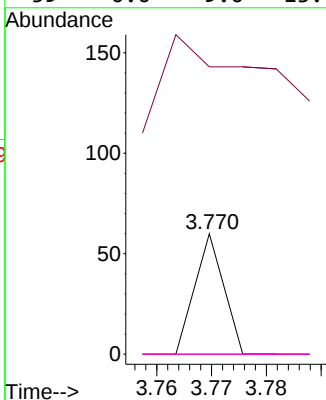
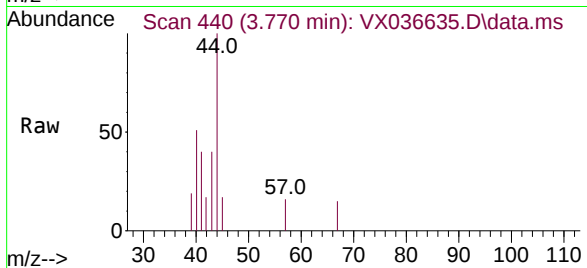




#22
Diisopropyl ether
Concen: 0.003 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

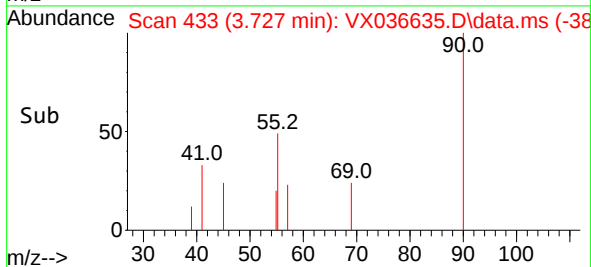
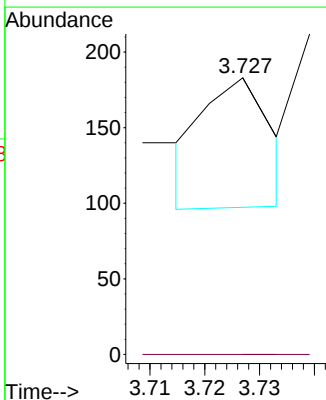
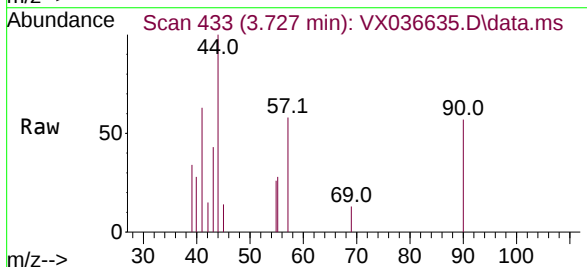
Instrument :
MSVOA_X
ClientSampleId :
34585

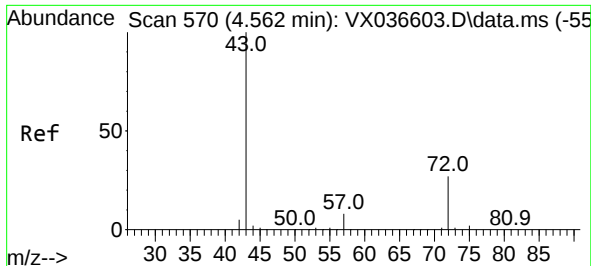
Tgt Ion:	45	Resp:	22
Ion	Ratio	Lower	Upper
45	100		
43	1.7	69.7	104.5#
87	0.0	20.8	31.2#
59	0.0	9.0	13.4#



#23
Vinyl Acetate
Concen: 0.015 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion:	43	Resp:	74
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#

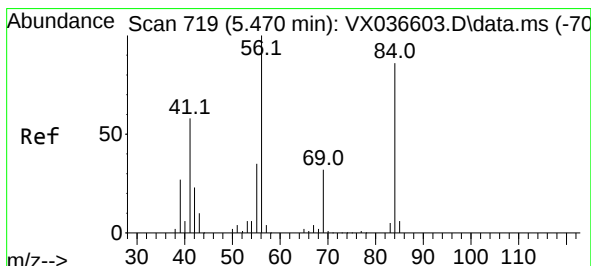
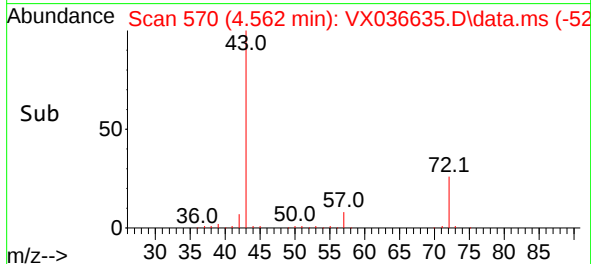
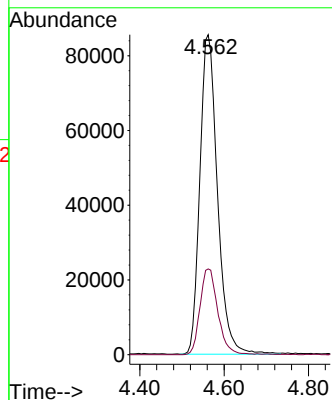
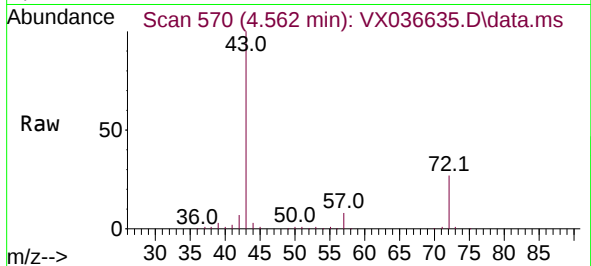




#25
2-Butanone
Concen: 157.287 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

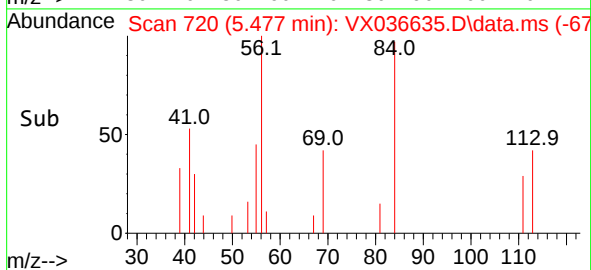
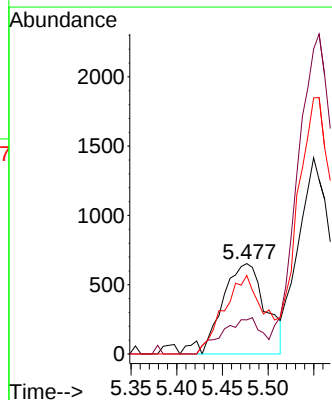
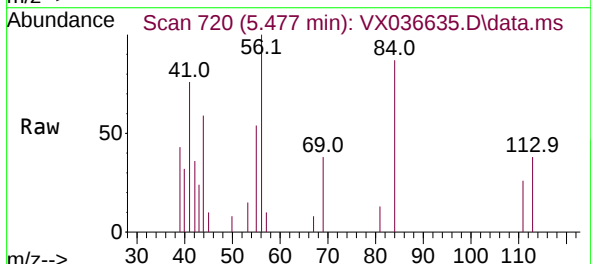
Instrument :
MSVOA_X
ClientSampleId :
34585

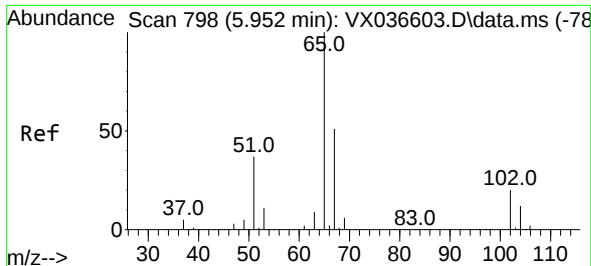
Tgt Ion: 43 Resp: 248645
Ion Ratio Lower Upper
43 100
72 26.8 19.4 29.2



#31
Cyclohexane
Concen: 0.665 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 56 Resp: 2162
Ion Ratio Lower Upper
56 100
69 37.7 23.4 35.2#
84 86.8 65.9 98.9

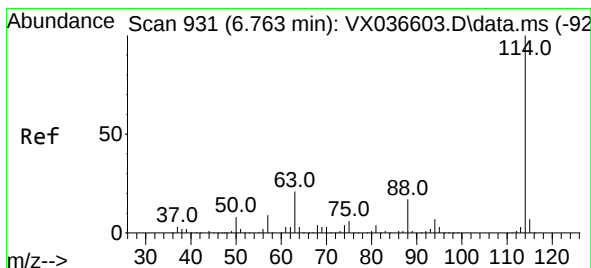
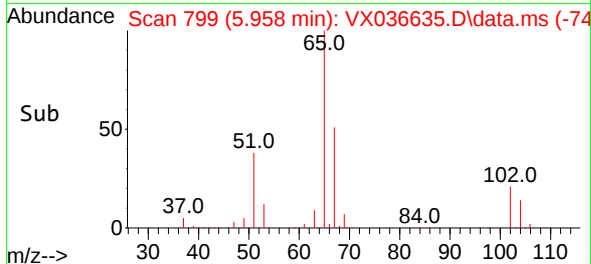
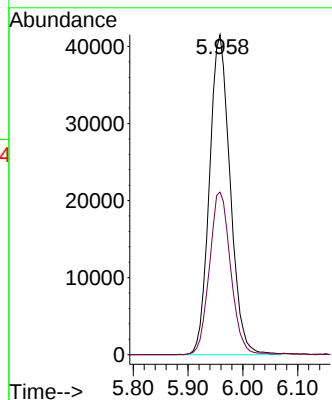
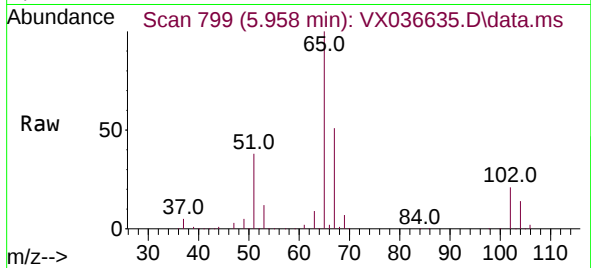




#33
 1,2-Dichloroethane-d4
 Concen: 46.362 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036635.D
 Acq: 24 Jul 2023 17:21

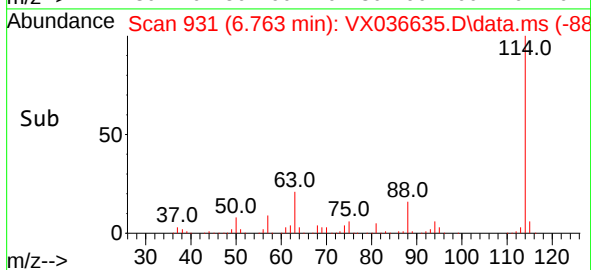
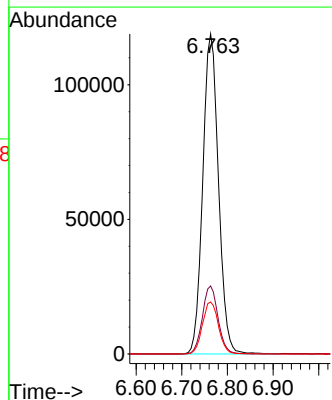
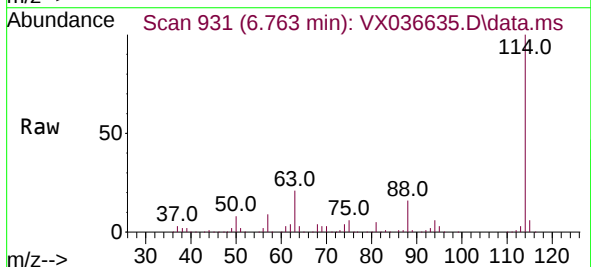
Instrument :
 MSVOA_X
 ClientSampleId :
 34585

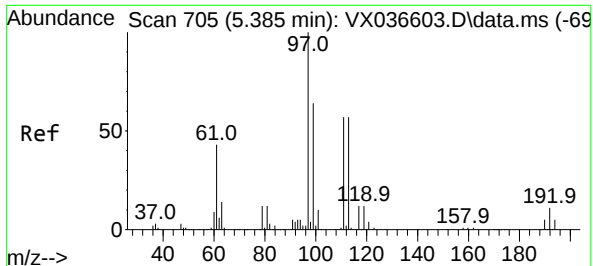
Tgt Ion: 65 Resp: 108860
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036635.D
 Acq: 24 Jul 2023 17:21

Tgt Ion: 114 Resp: 283439
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.0
 88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.397 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

34585

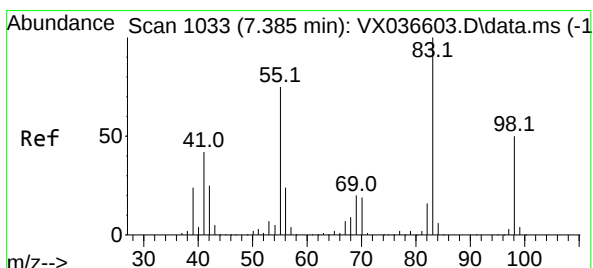
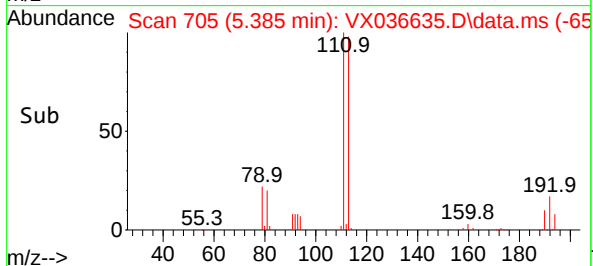
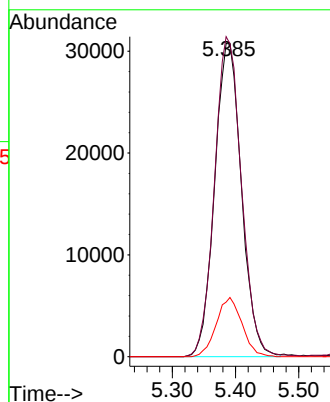
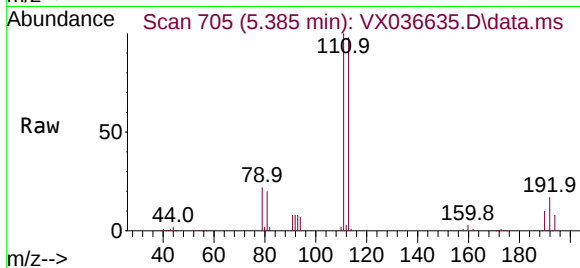
Tgt Ion:113 Resp: 90390

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 18.1 13.3 19.9



#39

Methylcyclohexane

Concen: 0.437 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

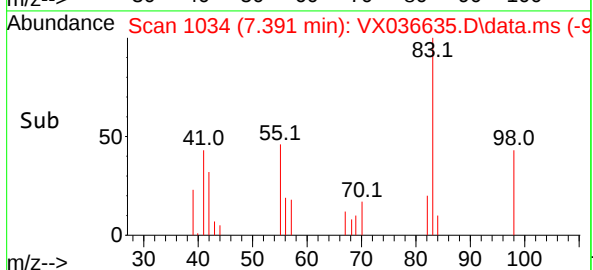
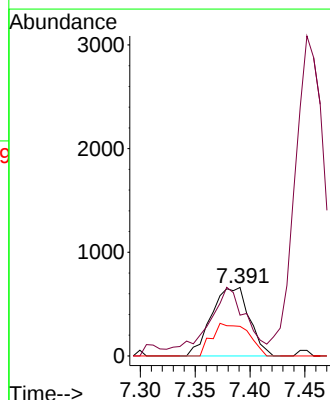
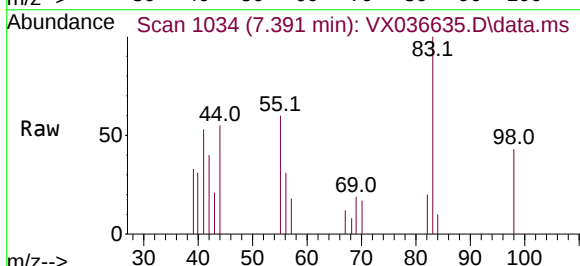
Tgt Ion: 83 Resp: 1578

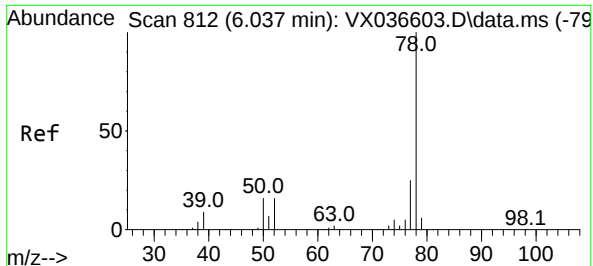
Ion Ratio Lower Upper

83 100

55 46.1 64.6 97.0#

98 43.3 36.7 55.1

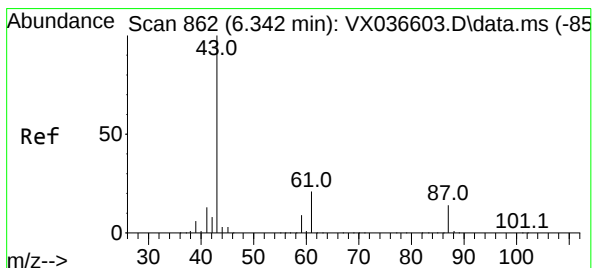
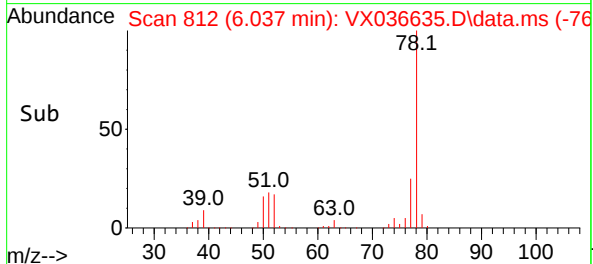
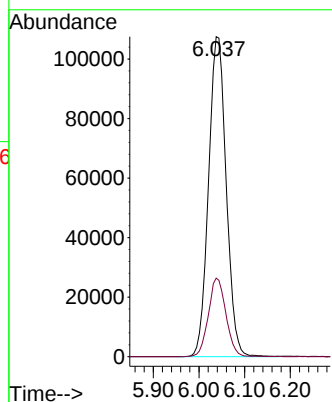
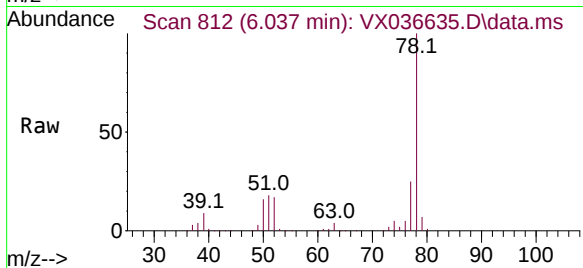




#40
Benzene
Concen: 34.164 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

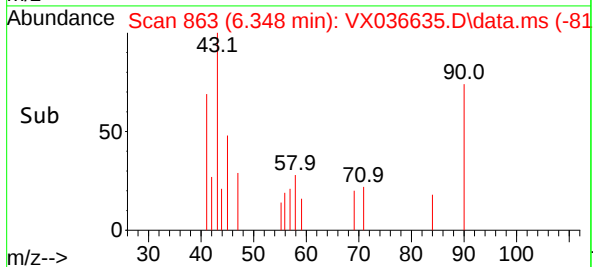
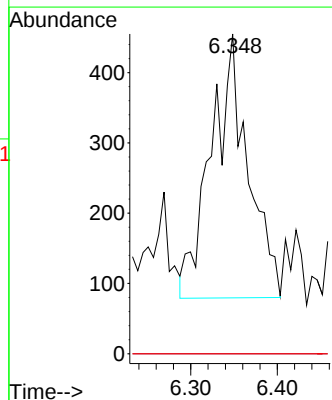
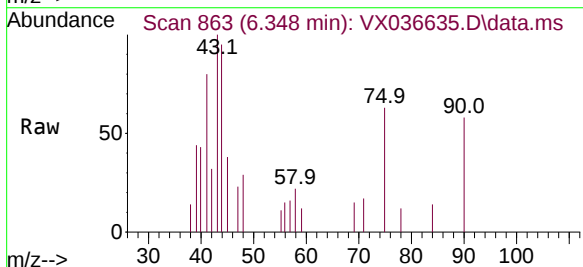
Instrument :
MSVOA_X
ClientSampleId :
34585

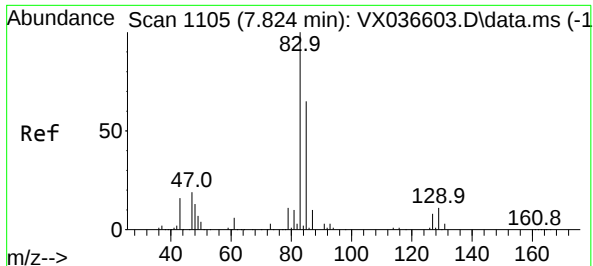
Tgt Ion: 78 Resp: 288633
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9



#43
Isopropyl Acetate
Concen: 0.196 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#





#47

Bromodichloromethane

Concen: 0.007 ug/l

RT: 7.897 min Scan# 1117

Delta R.T. 0.073 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

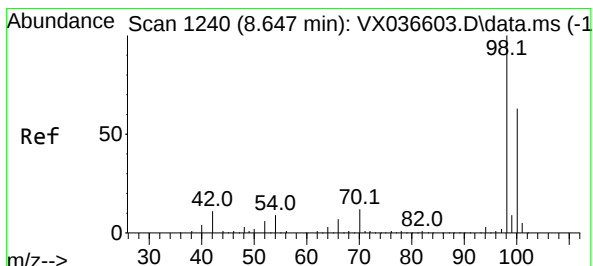
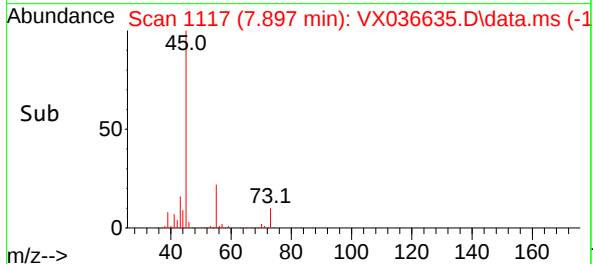
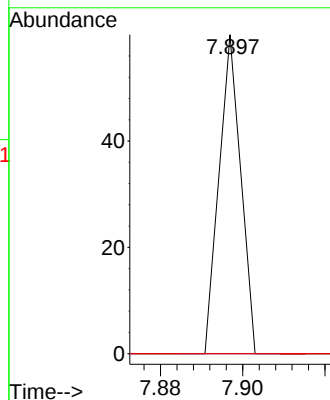
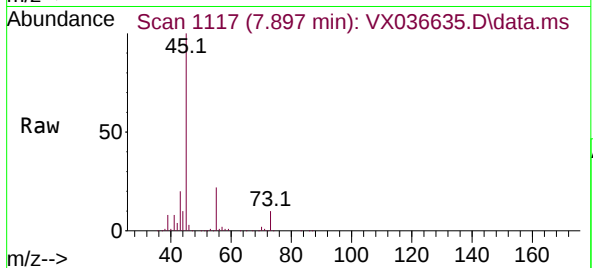
Instrument :

MSVOA_X

ClientSampleId :

34585

Tgt Ion: 83	Resp:	22
Ion Ratio	Lower	Upper
83	100	
85	0.0	49.8 74.6#
127	0.0	7.1 10.7#



#50

Toluene-d8

Concen: 49.816 ug/l

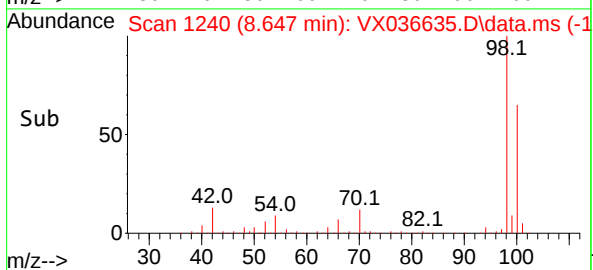
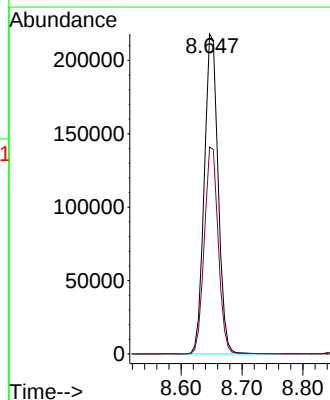
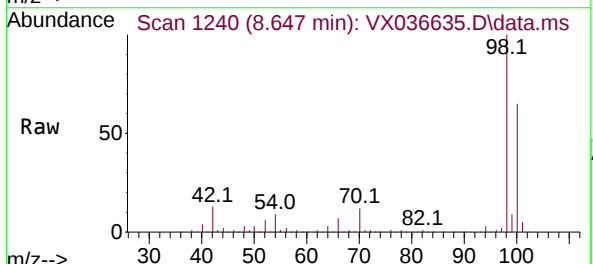
RT: 8.647 min Scan# 1240

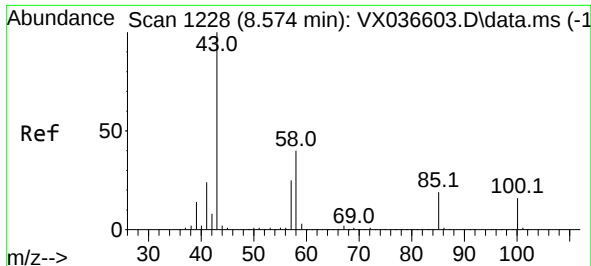
Delta R.T. 0.000 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

Tgt Ion: 98	Resp:	344165
Ion Ratio	Lower	Upper
98	100	
100	65.2	53.1 79.7

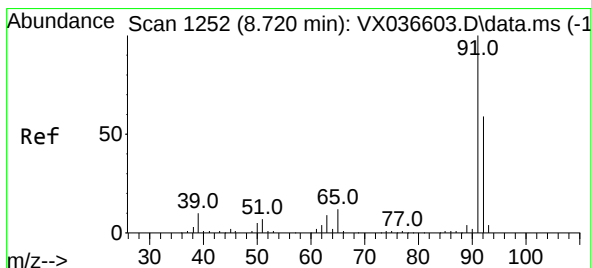
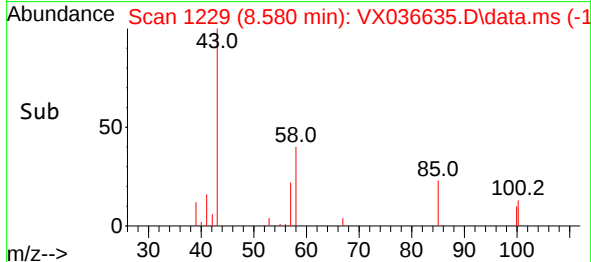
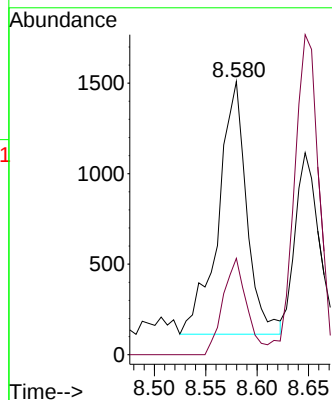
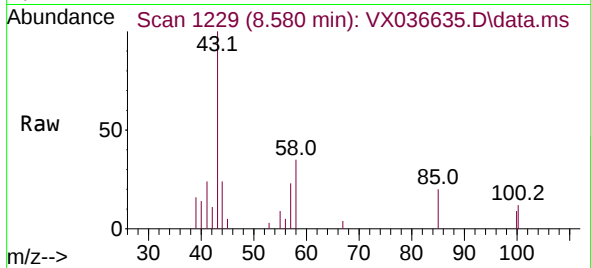




#51
4-Methyl-2-Pentanone
Concen: 0.860 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

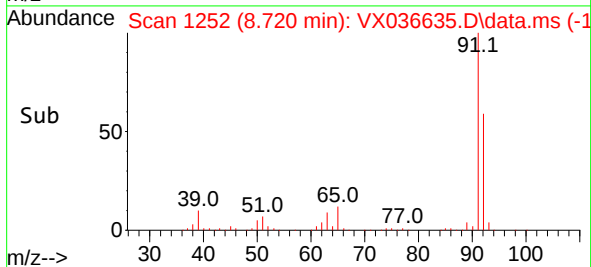
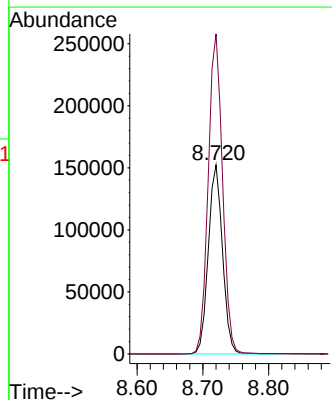
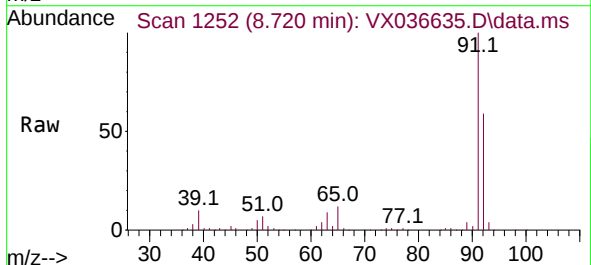
Instrument :
MSVOA_X
ClientSampleId :
34585

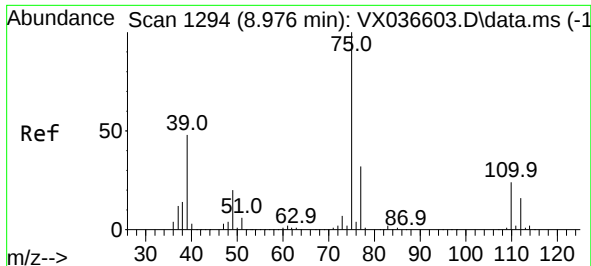
Tgt Ion: 43 Resp: 2692
Ion Ratio Lower Upper
43 100
58 32.1 30.4 45.6



#52
Toluene
Concen: 43.237 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 92 Resp: 228884
Ion Ratio Lower Upper
92 100
91 171.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.082 ug/l

RT: 8.860 min Scan# 11

Delta R.T. -0.116 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

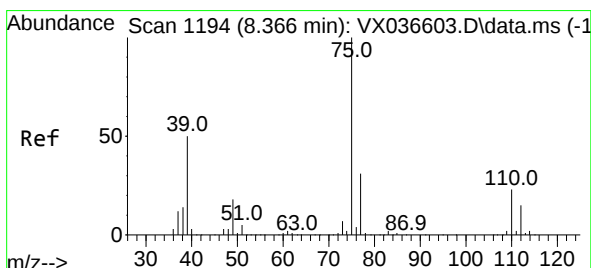
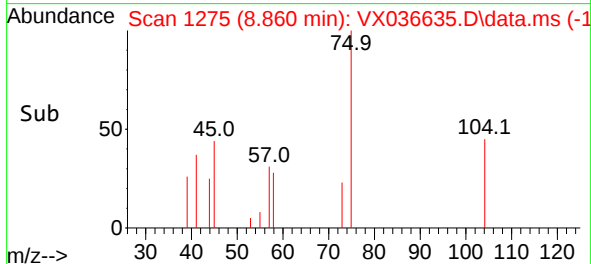
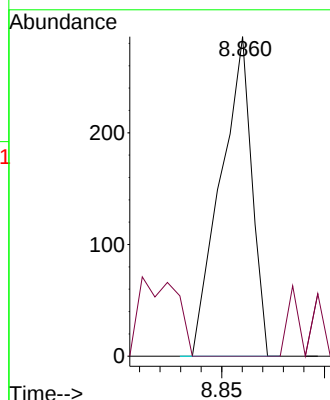
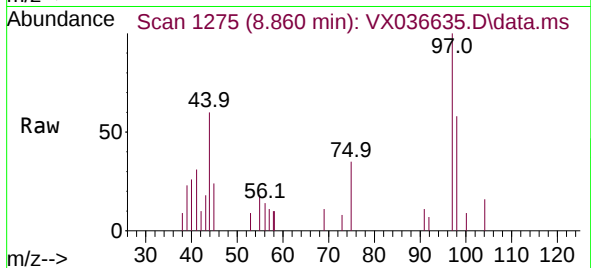
34585

Tgt Ion: 75 Resp: 302

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#



#54

cis-1,3-Dichloropropene

Concen: 0.046 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

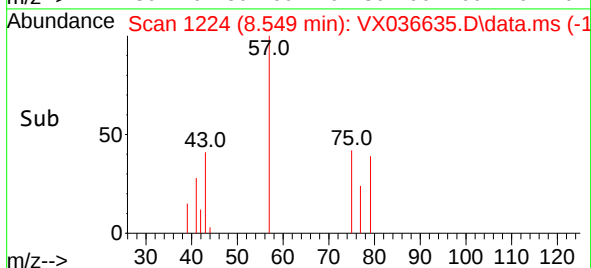
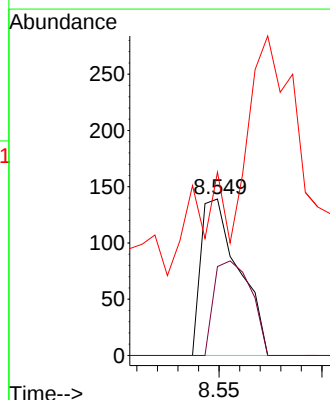
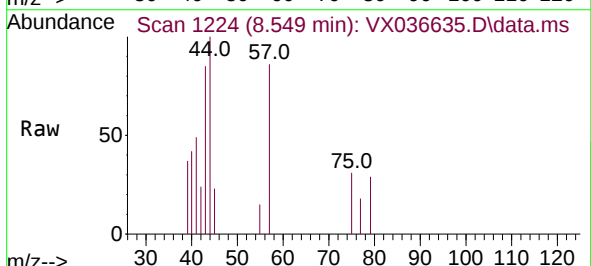
Tgt Ion: 75 Resp: 179

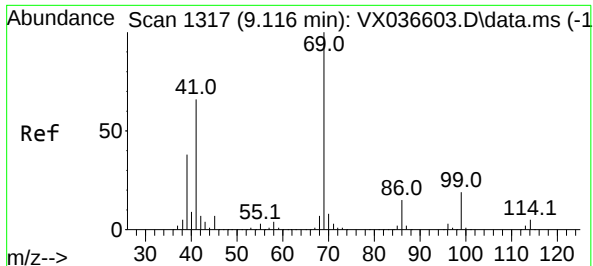
Ion Ratio Lower Upper

75 100

77 56.8 25.3 37.9#

39 43.9 46.7 70.1#

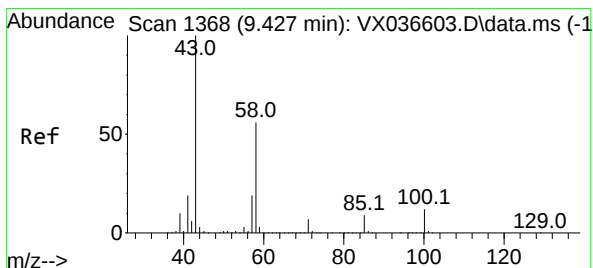
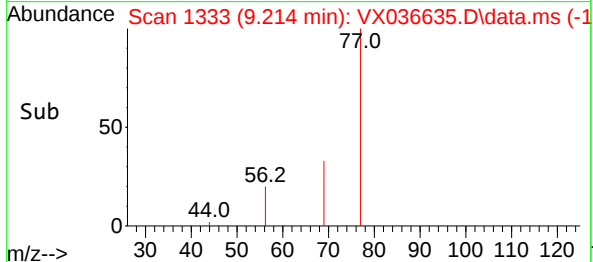
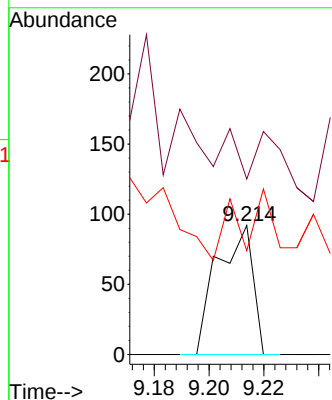
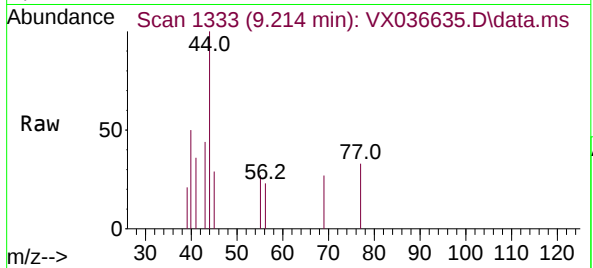




#56
Ethyl methacrylate
Concen: 0.023 ug/l
RT: 9.214 min Scan# 11
Delta R.T. 0.098 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

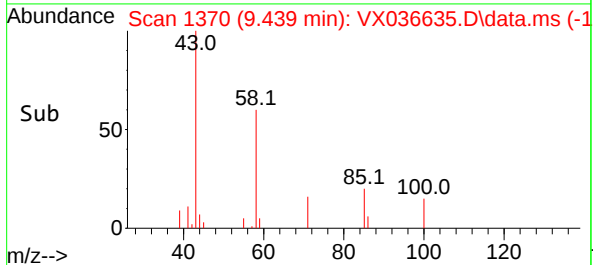
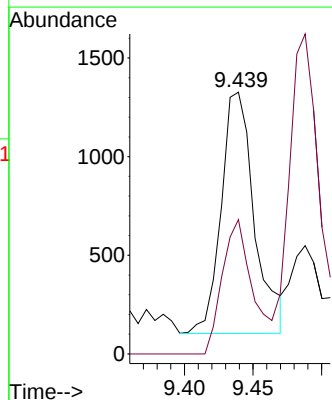
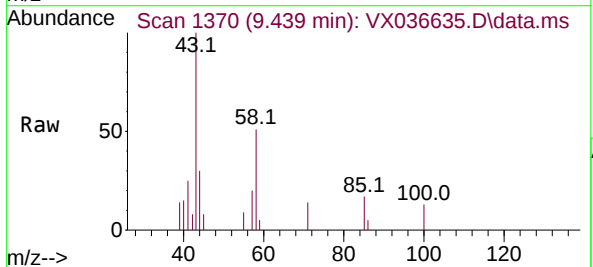
Instrument :
MSVOA_X
ClientSampleId :
34585

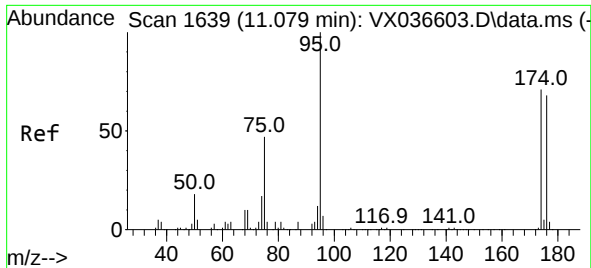
Tgt Ion: 69 Resp: 83
Ion Ratio Lower Upper
69 100
41 0.0 56.8 85.2#
39 0.0 32.0 48.0#



#59
2-Hexanone
Concen: 0.888 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 43 Resp: 2064
Ion Ratio Lower Upper
43 100
58 51.3 26.2 78.5

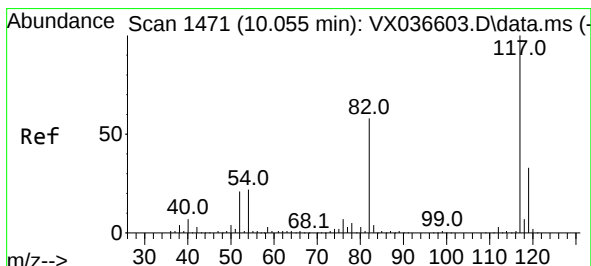
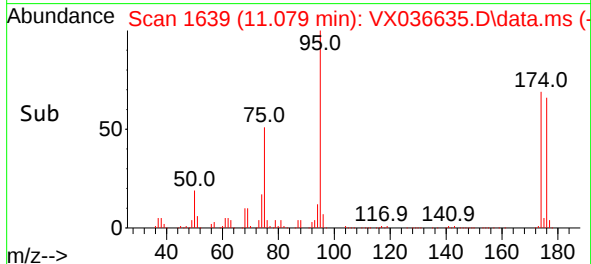
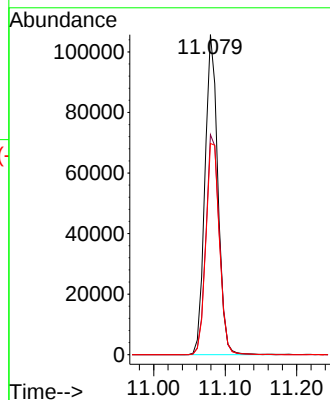
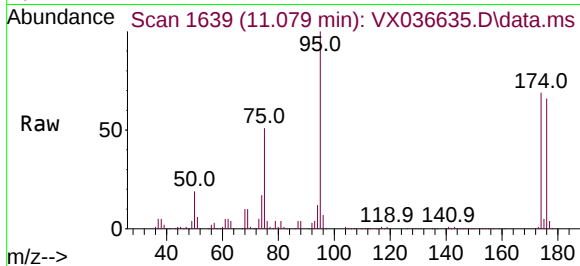




#62
4-Bromofluorobenzene
Concen: 50.966 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

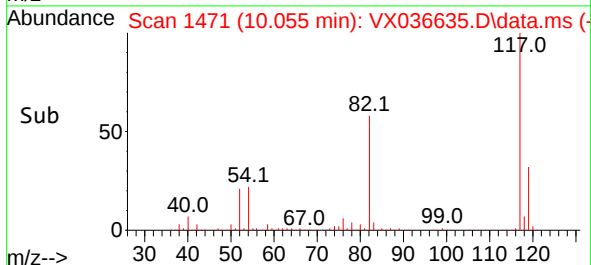
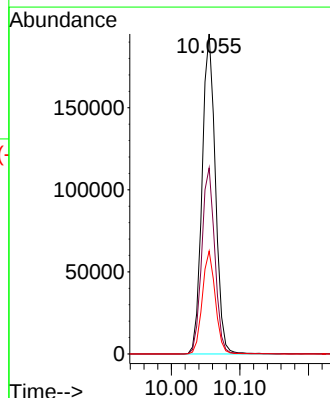
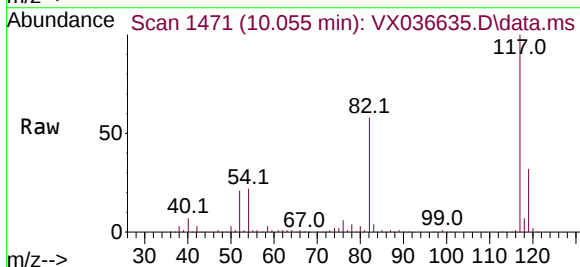
Instrument :
MSVOA_X
ClientSampleId :
34585

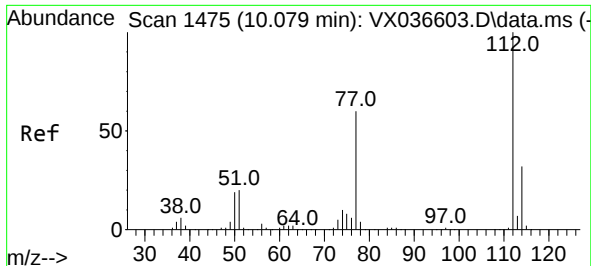
Tgt Ion: 95 Resp: 132846
Ion Ratio Lower Upper
95 100
174 71.2 0.0 135.6
176 69.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 117 Resp: 263356
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.1 25.5 38.3

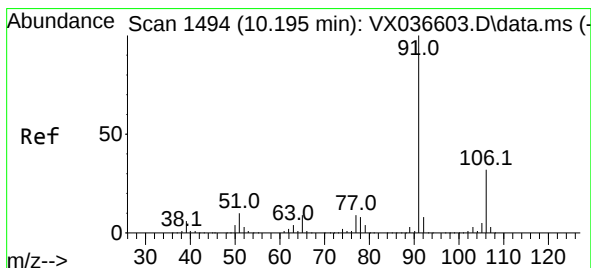
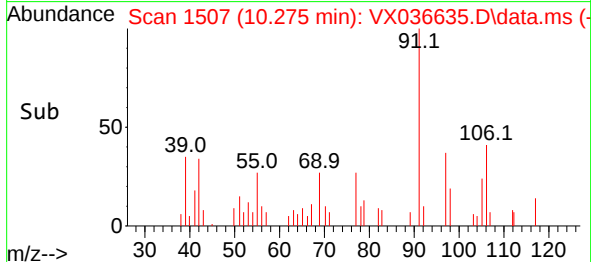
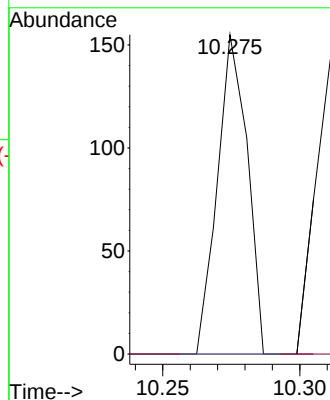
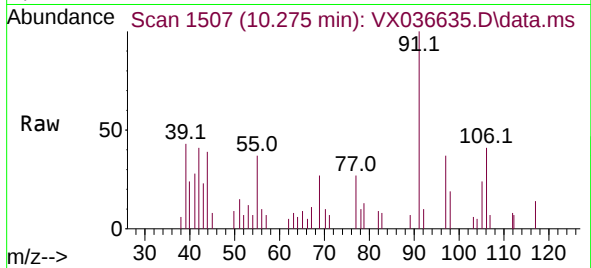




#65
Chlorobenzene
Concen: 0.020 ug/l
RT: 10.275 min Scan# 1117
Delta R.T. 0.195 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

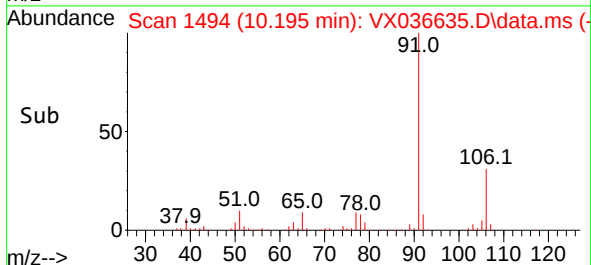
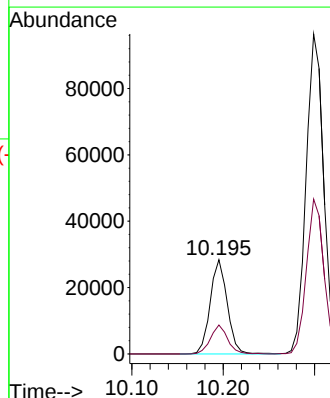
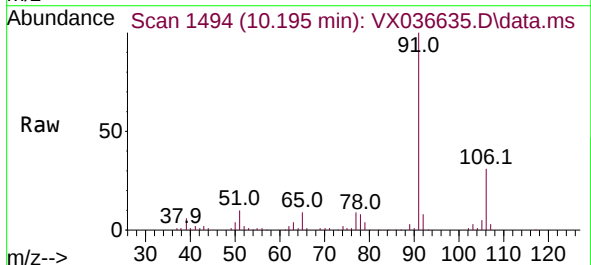
Instrument :
MSVOA_X
ClientSampleId :
34585

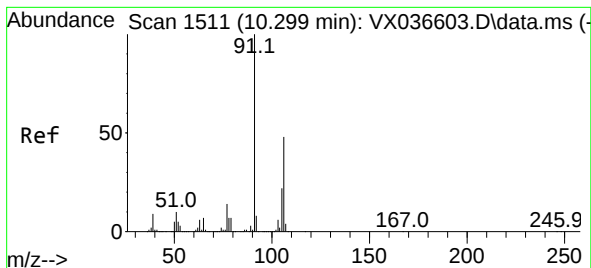
Tgt Ion:112 Resp: 117
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#



#67
Ethyl Benzene
Concen: 3.467 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 91 Resp: 36768
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

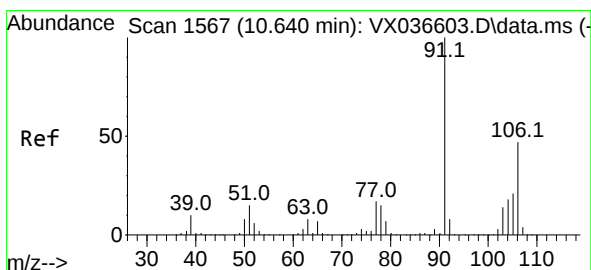
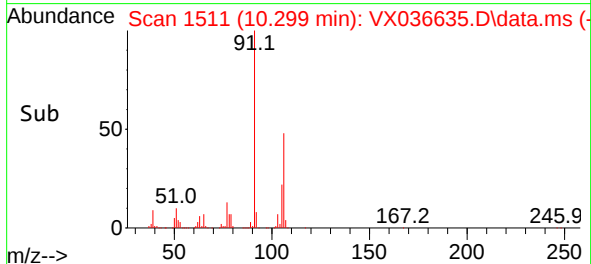
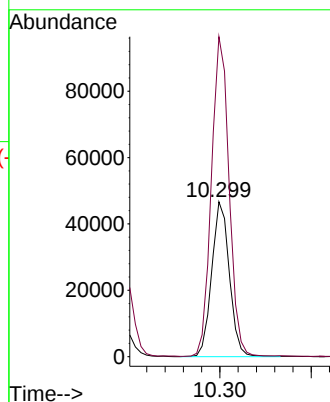
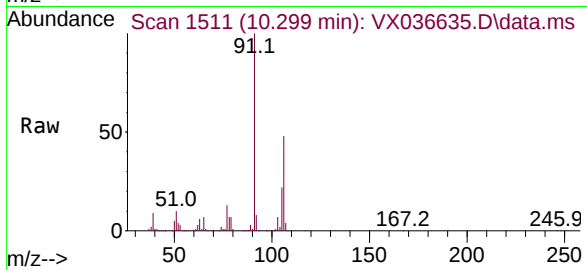




#68
m/p-Xylenes
Concen: 15.810 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

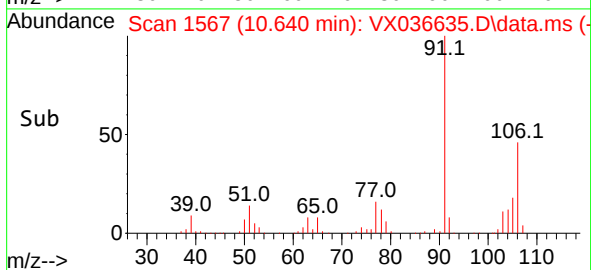
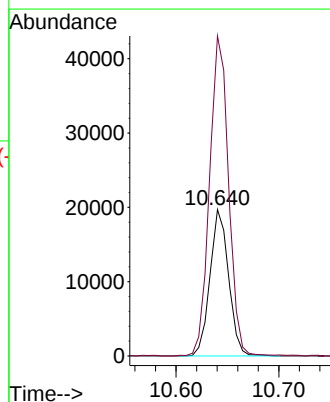
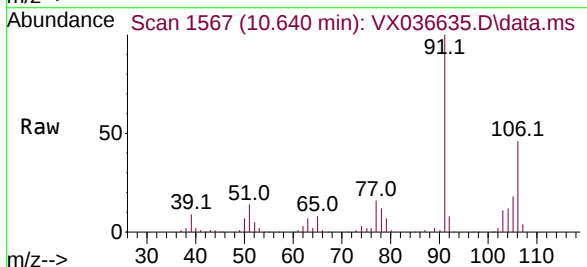
Instrument :
MSVOA_X
ClientSampleId :
34585

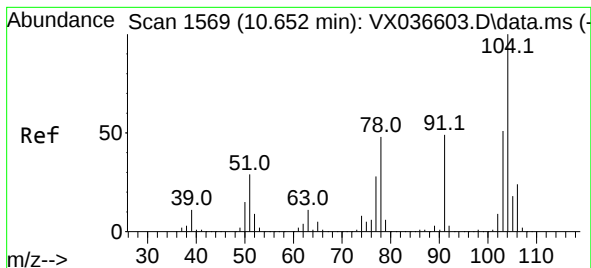
Tgt Ion:106 Resp: 62557
Ion Ratio Lower Upper
106 100
91 206.2 165.5 248.3



#69
o-Xylene
Concen: 6.291 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion:106 Resp: 24845
Ion Ratio Lower Upper
106 100
91 224.0 108.9 326.8





#70

Styrene

Concen: 6.148 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

34585

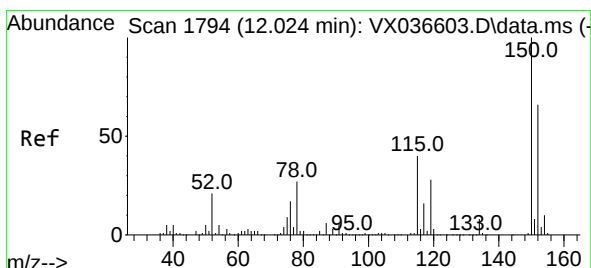
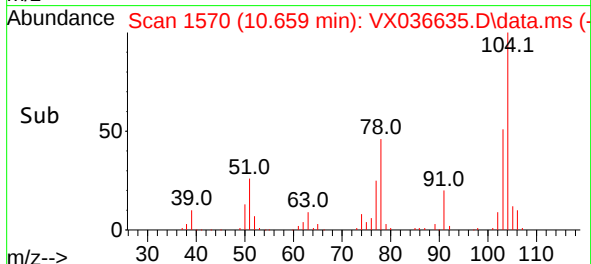
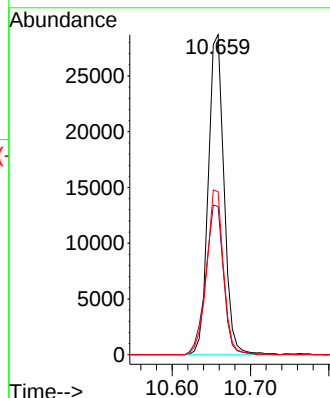
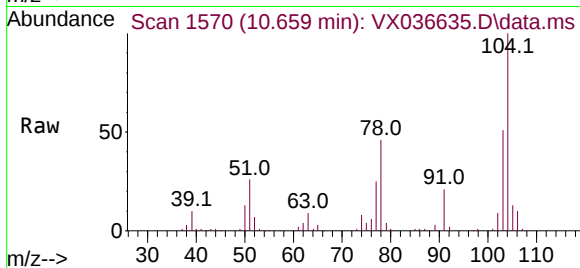
Tgt Ion:104 Resp: 40059

Ion Ratio Lower Upper

104 100

78 53.0 43.6 65.4

103 54.9 43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

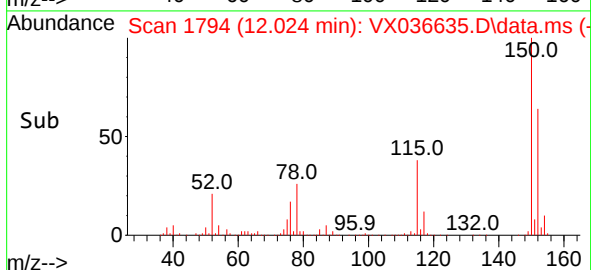
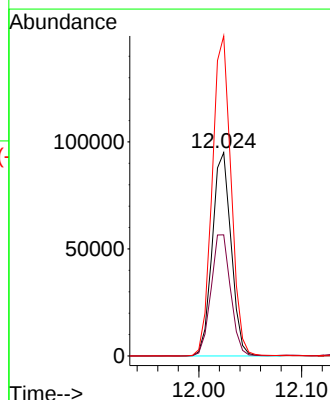
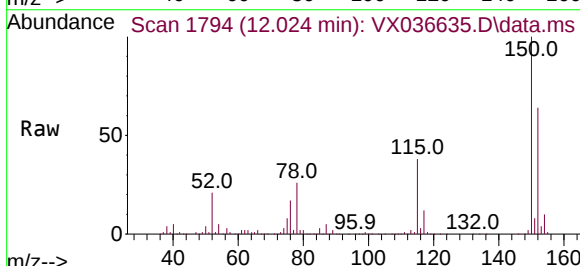
Tgt Ion:152 Resp: 121191

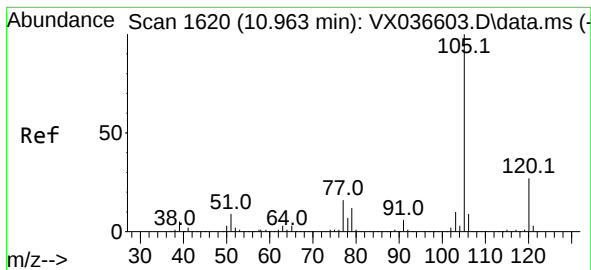
Ion Ratio Lower Upper

152 100

115 61.8 43.3 129.9

150 157.6 0.0 345.0





#73

Isopropylbenzene

Concen: 0.188 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

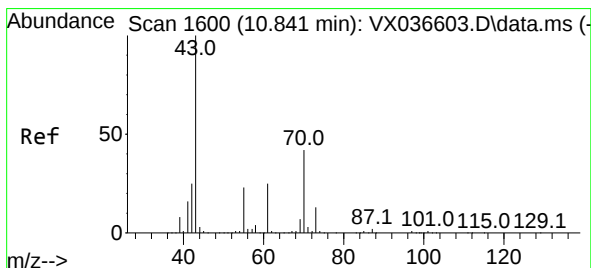
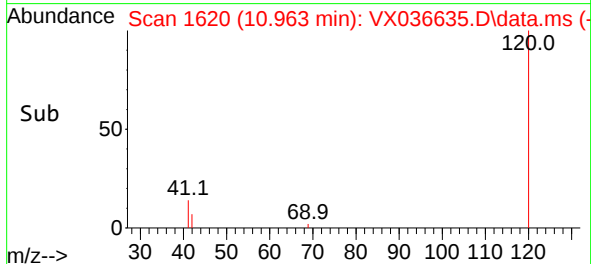
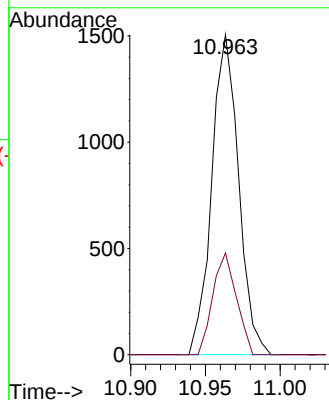
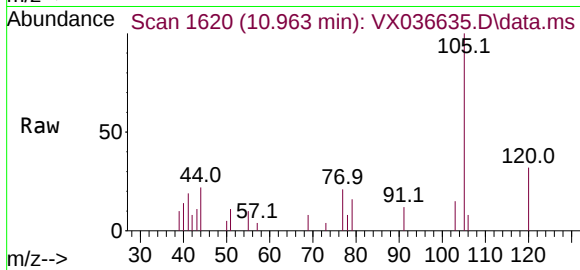
34585

Tgt Ion:105 Resp: 1881

Ion Ratio Lower Upper

105 100

120 27.8 12.9 38.6



#74

N-ethyl acetate

Concen: 0.092 ug/l

RT: 10.860 min Scan# 1603

Delta R.T. 0.018 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

Tgt Ion: 43 Resp: 430

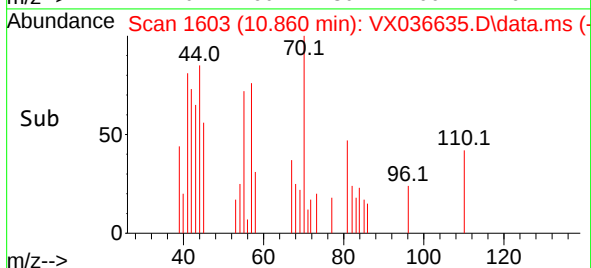
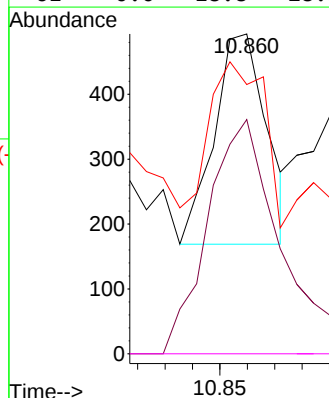
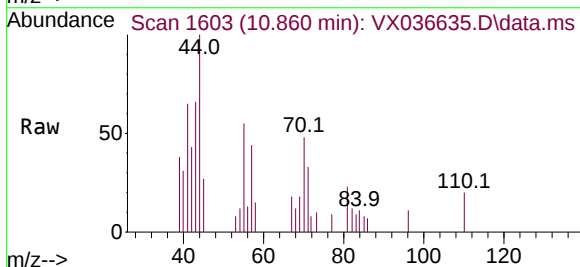
Ion Ratio Lower Upper

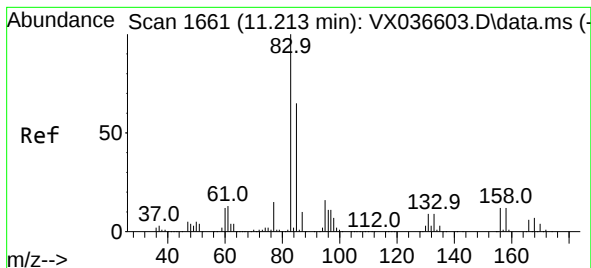
43 100

70 151.6 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.064 ug/l

RT: 11.280 min Scan# 1672

Delta R.T. 0.067 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

34585

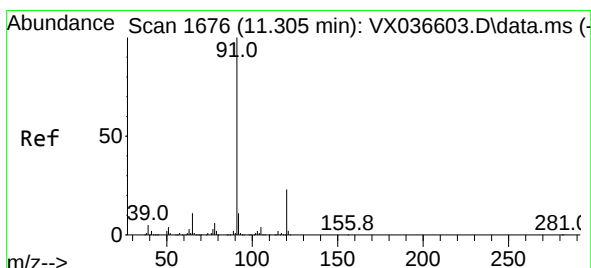
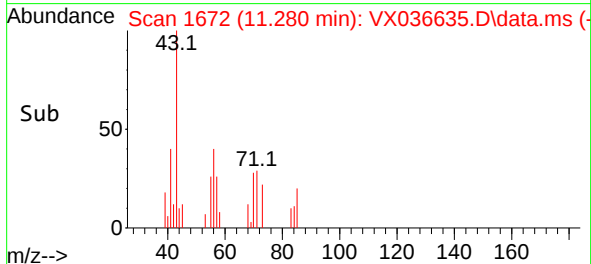
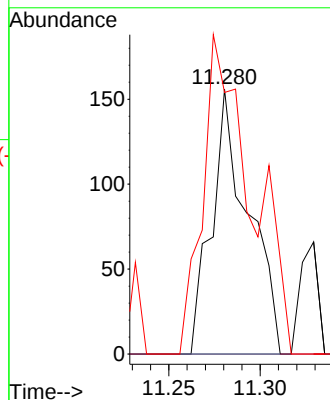
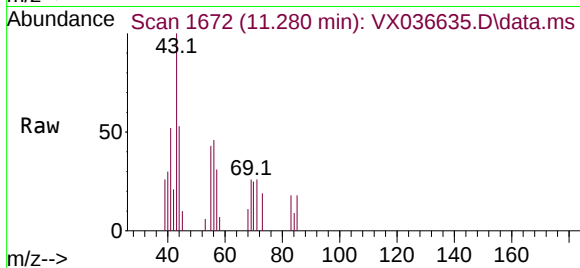
Tgt Ion: 83 Resp: 218

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 158.7 32.0 96.2#



#78

n-propylbenzene

Concen: 0.262 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036635.D

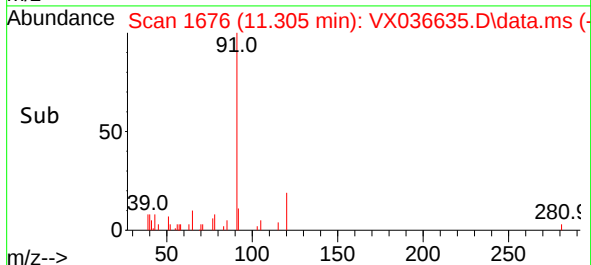
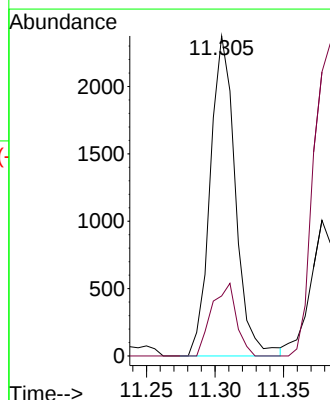
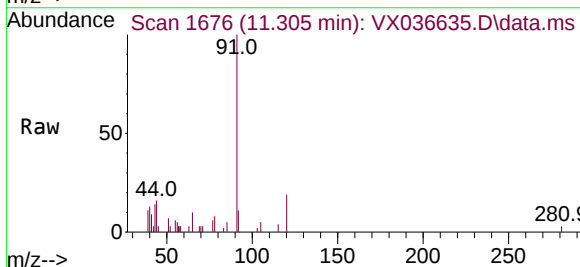
Acq: 24 Jul 2023 17:21

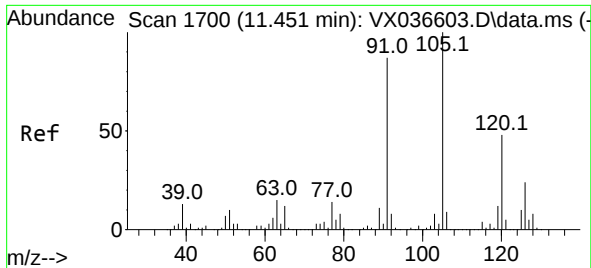
Tgt Ion: 91 Resp: 3035

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

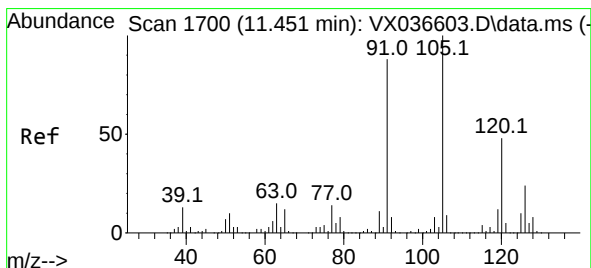
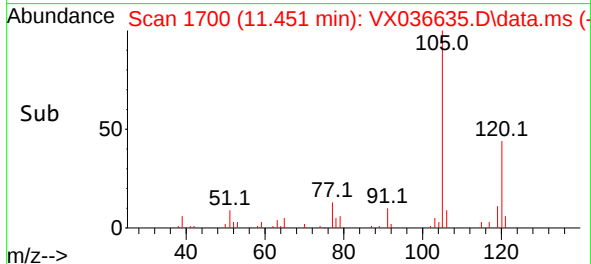
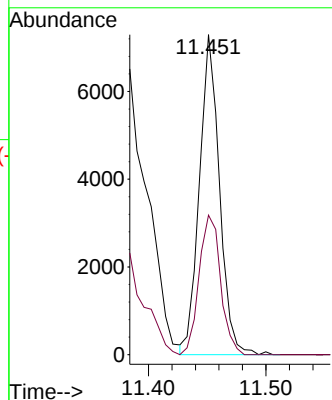
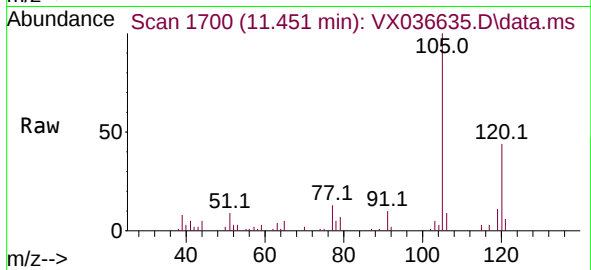




#80
1,3,5-Trimethylbenzene
Concen: 1.031 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

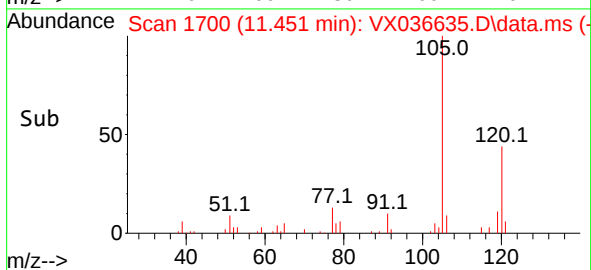
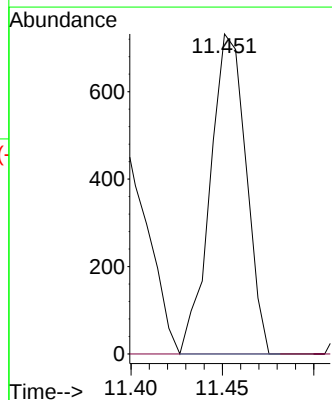
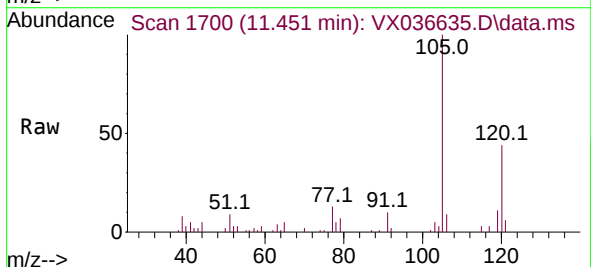
Instrument :
MSVOA_X
ClientSampleId :
34585

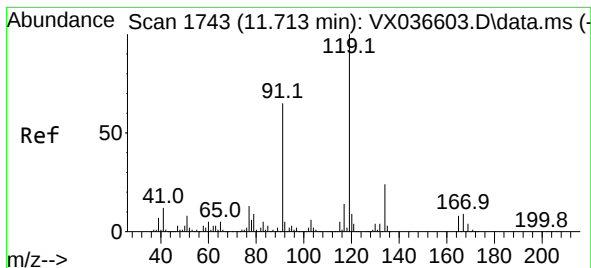
Tgt Ion:105 Resp: 8648
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3



#82
4-Chlorotoluene
Concen: 0.124 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 91 Resp: 997
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#





#83

tert-Butylbenzene

Concen: 0.145 ug/l

RT: 11.969 min Scan# 1196

Delta R.T. 0.256 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

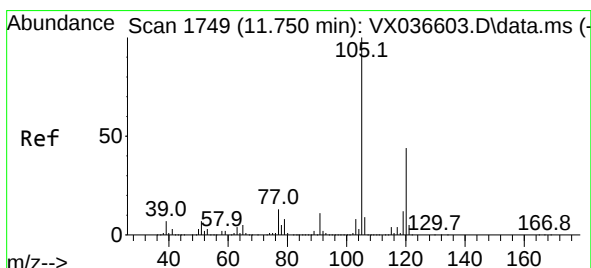
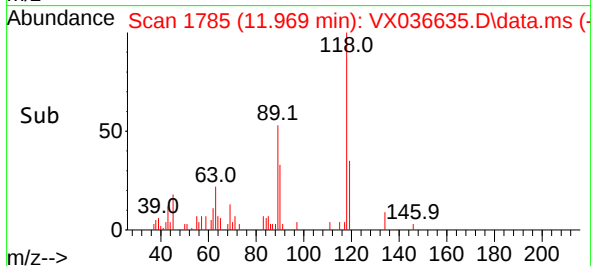
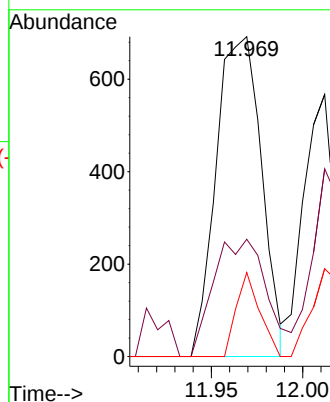
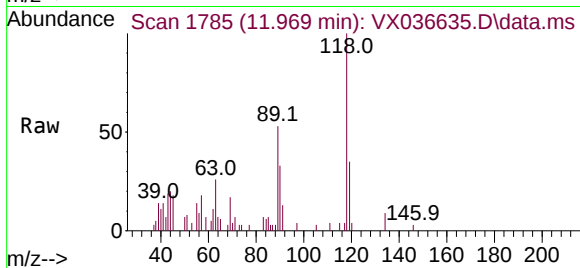
Instrument :

MSVOA_X

ClientSampleId :

34585

Tgt Ion:119	Resp:	1196
Ion	Ratio	Lower Upper
119	100	
91	41.8	31.2 93.6
134	13.5	11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 2.059 ug/l

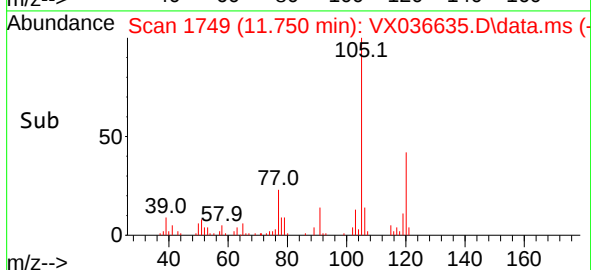
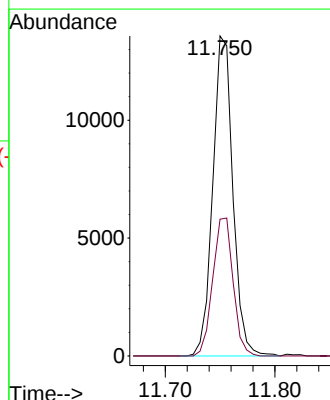
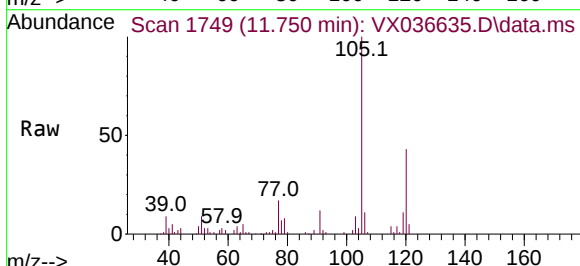
RT: 11.750 min Scan# 1749

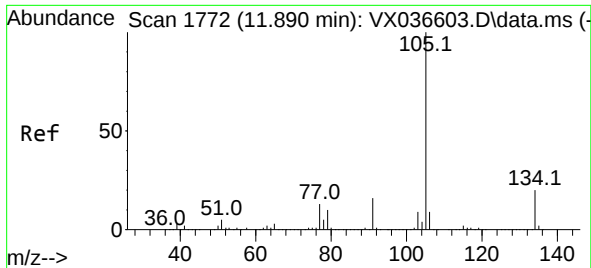
Delta R.T. 0.000 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

Tgt Ion:105	Resp:	17279
Ion	Ratio	Lower Upper
105	100	
120	43.7	21.2 63.6





#85

sec-Butylbenzene

Concen: 0.052 ug/l

RT: 11.896 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

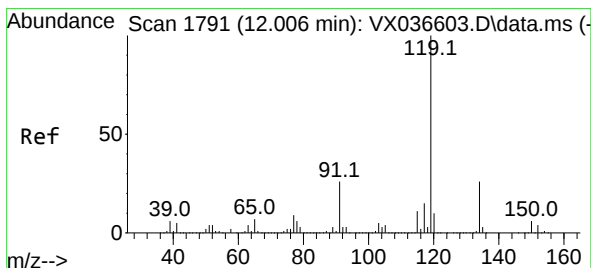
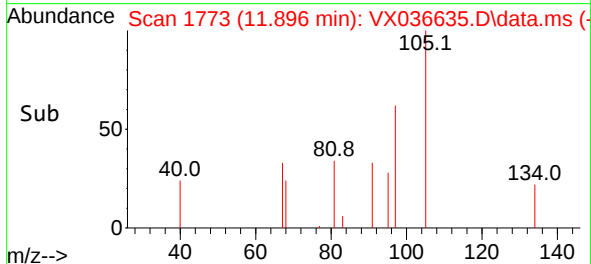
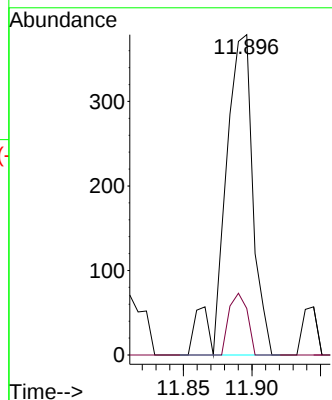
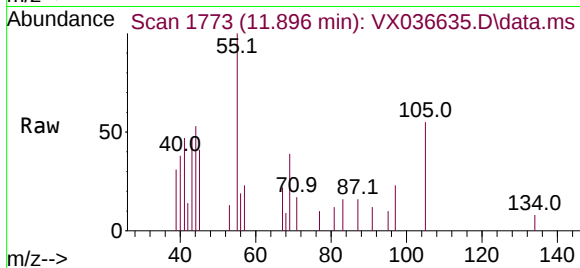
34585

Tgt Ion:105 Resp: 536

Ion Ratio Lower Upper

105 100

134 12.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.080 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

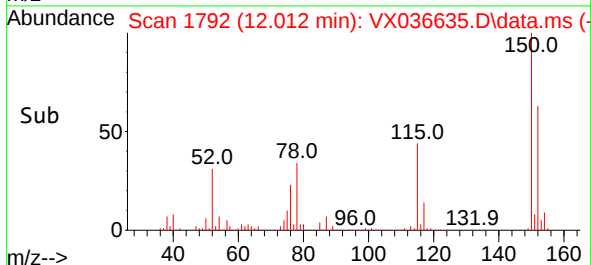
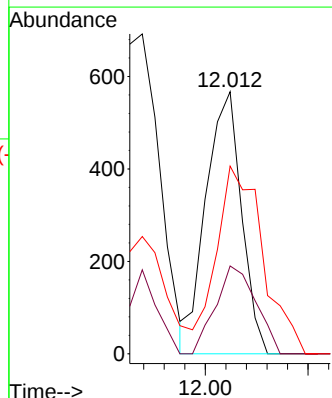
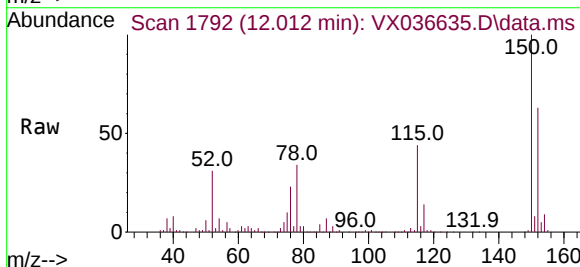
Tgt Ion:119 Resp: 679

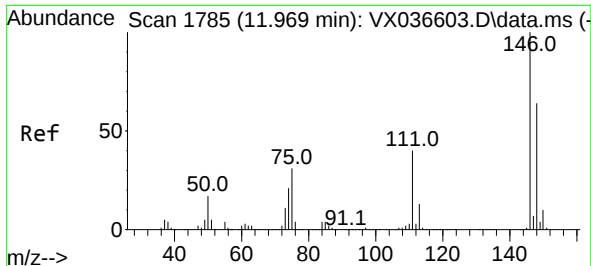
Ion Ratio Lower Upper

119 100

134 38.1 12.8 38.3

91 93.5 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.010 ug/l

RT: 11.963 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

34585

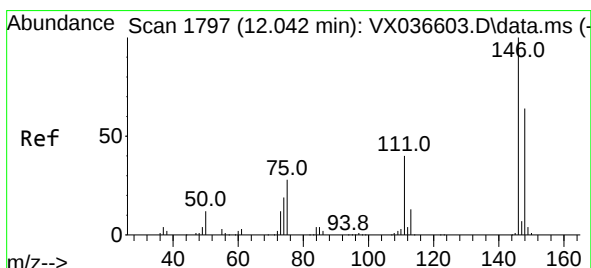
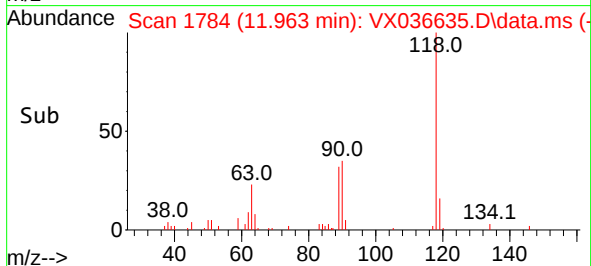
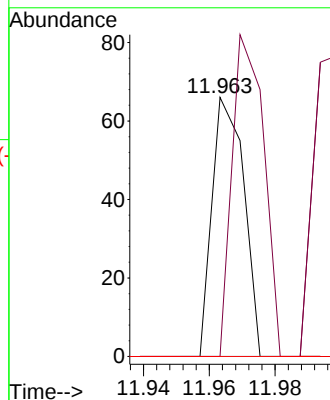
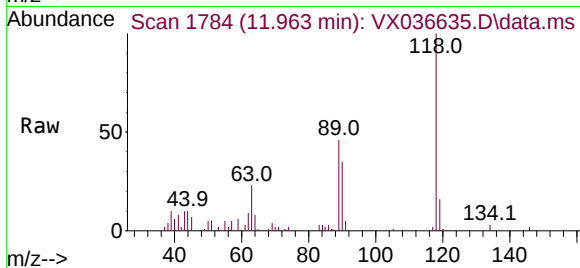
Tgt Ion:146 Resp: 44

Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.1#

148 0.0 31.8 95.3#



#88

1,4-Dichlorobenzene

Concen: 0.073 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

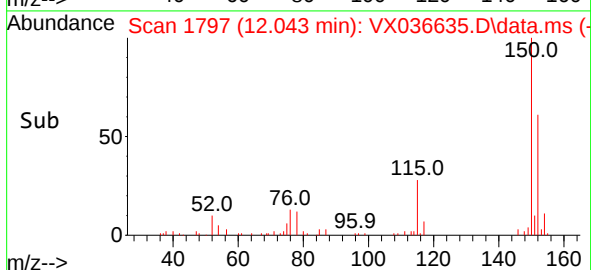
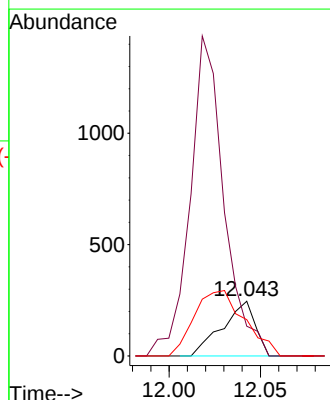
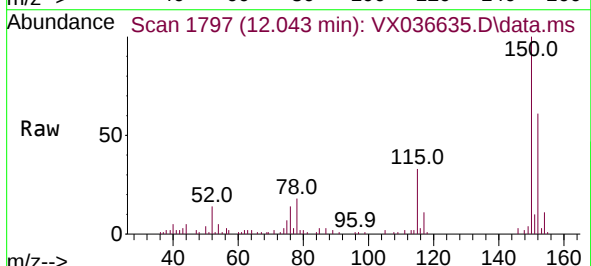
Tgt Ion:146 Resp: 308

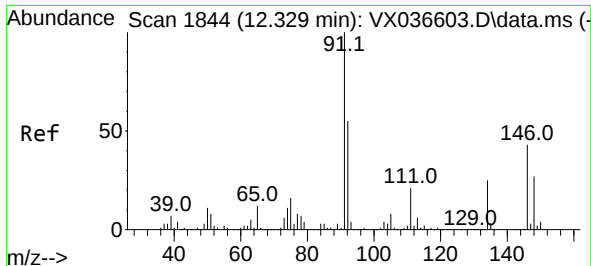
Ion Ratio Lower Upper

146 100

111 0.0 21.3 63.7#

148 0.0 31.8 95.4#





#89

n-Butylbenzene

Concen: 0.119 ug/l

RT: 12.329 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VX036635.D

Acq: 24 Jul 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

34585

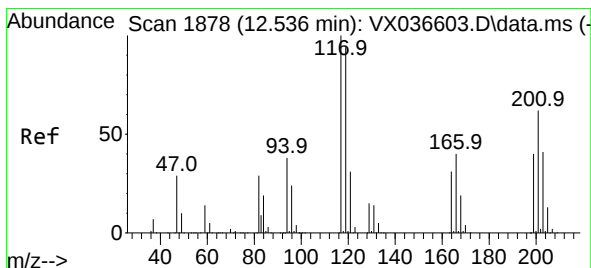
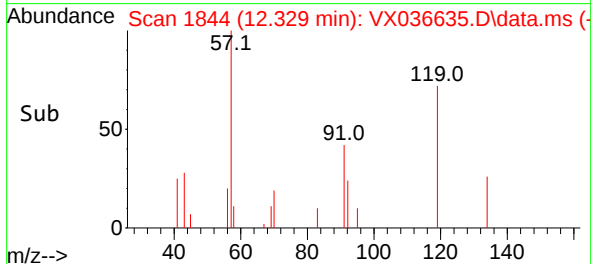
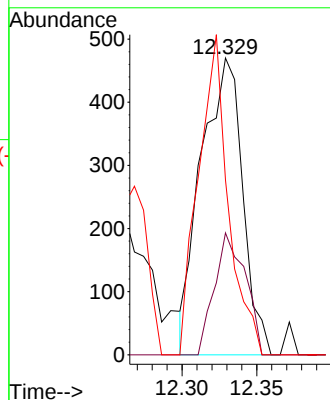
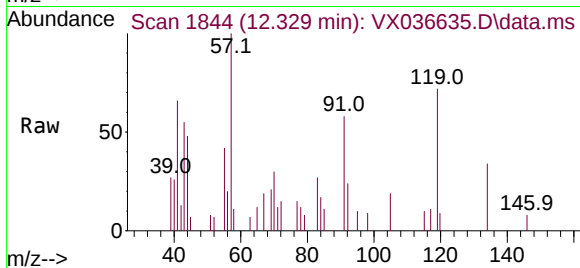
Tgt Ion: 91 Resp: 904

Ion Ratio Lower Upper

91 100

92 30.6 27.4 82.0

134 77.8 12.6 37.8#



#90

Hexachloroethane

Concen: 0.127 ug/l

RT: 12.555 min Scan# 1881

Delta R.T. 0.018 min

Lab File: VX036635.D

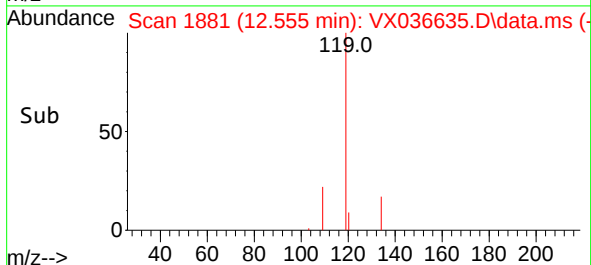
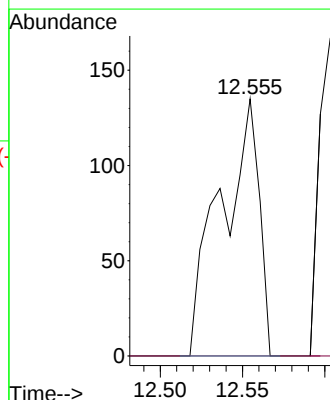
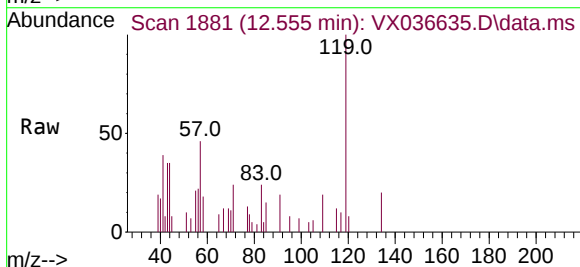
Acq: 24 Jul 2023 17:21

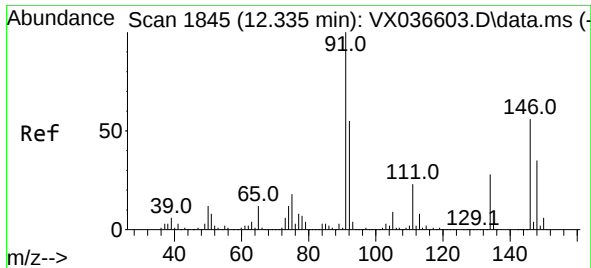
Tgt Ion: 117 Resp: 218

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

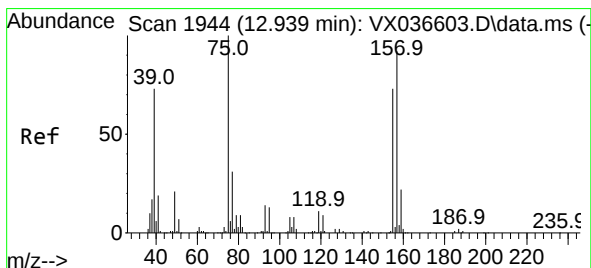
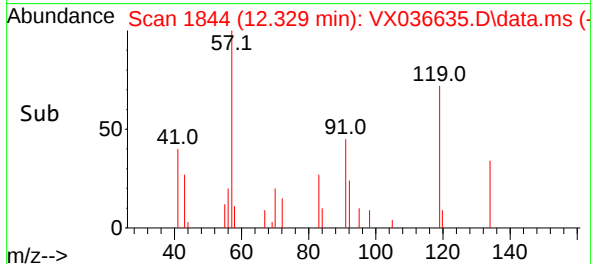
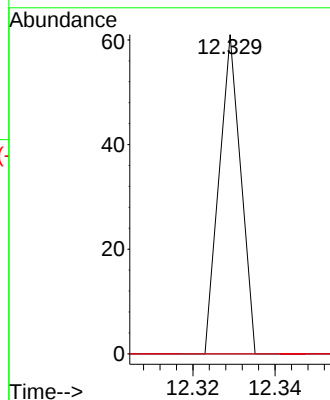
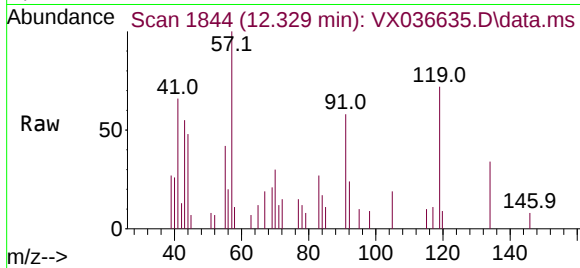




#91
1,2-Dichlorobenzene
Concen: 0.005 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

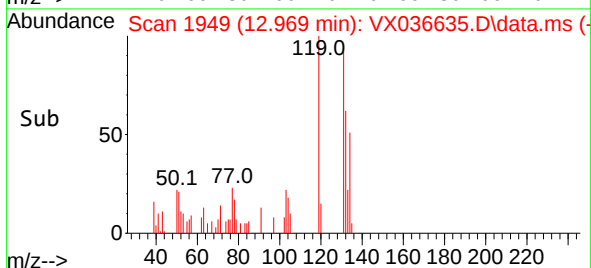
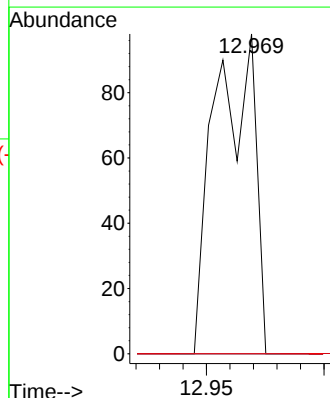
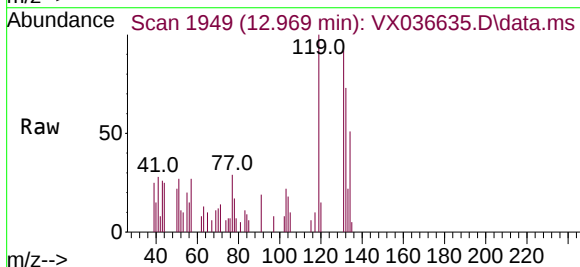
Instrument :
MSVOA_X
ClientSampleId :
34585

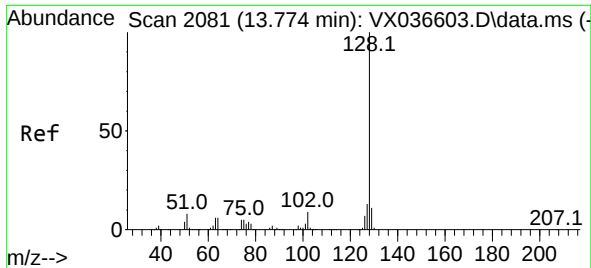
Tgt Ion:146 Resp: 22
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.0#
148 0.0 31.6 95.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.147 ug/l
RT: 12.969 min Scan# 1949
Delta R.T. 0.031 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Tgt Ion: 75 Resp: 116
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#





#95
Naphthalene
Concen: 70.193 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036635.D
Acq: 24 Jul 2023 17:21

Instrument :
MSVOA_X
ClientSampleId :
34585

Tgt Ion:128 Resp: 615213
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

