

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036621.D
 Acq On : 24 Jul 2023 10:54
 Operator : JC/MD
 Sample : VX0724MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724MBL01

Quant Time: Jul 25 06:33:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	187177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	329042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141089	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123138	44.461	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.920%
35) Dibromofluoromethane	5.385	113	104738	46.310	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.647	98	397865	49.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.220%
62) 4-Bromofluorobenzene	11.079	95	154973	51.215	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.420%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.167	85	64	0.026	ug/l #	41
3) Chloromethane	1.295	50	379	0.169	ug/l	93
4) Vinyl Chloride	1.374	62	180	0.079	ug/l	99
6) Chloroethane	1.691	64	70	0.063	ug/l #	6
7) Trichlorofluoromethane	1.892	101	118	0.033	ug/l #	18
8) Diethyl Ether	2.136	74	44	0.032	ug/l #	1
10) Methyl Iodide	2.459	142	420	0.190	ug/l #	67
12) 1,1-Dichloroethene	2.325	96	349	0.167	ug/l #	35
14) Allyl chloride	2.660	41	399	0.097	ug/l #	77
18) Methyl Acetate	2.703	43	515	0.107	ug/l #	70
19) Methyl tert-butyl Ether	3.105	73	76	0.010	ug/l #	78
22) Diisopropyl ether	3.745	45	88	0.011	ug/l #	15
23) Vinyl Acetate	3.727	43	1142	0.190	ug/l #	73
24) 1,1-Dichloroethane	3.599	63	50	0.011	ug/l #	83
26) 2,2-Dichloropropane	4.459	77	38	0.009	ug/l #	54
27) cis-1,2-Dichloroethene	4.483	96	247	0.089	ug/l	53
28) Bromochloromethane	4.904	49	104	0.049	ug/l #	16
29) Tetrahydrofuran	5.026	42	187	0.156	ug/l #	71
30) Chloroform	5.093	83	340	0.076	ug/l #	19
31) Cyclohexane	5.471	56	232	0.061	ug/l #	1
32) 1,1,1-Trichloroethane	5.501	97	40	0.010	ug/l #	23
37) Ethyl Acetate	4.721	43	161	0.042	ug/l #	59
39) Methylcyclohexane	7.379	83	322	0.077	ug/l #	49
40) Benzene	6.032	78	379	0.039	ug/l #	78
41) Methacrylonitrile	4.904	41	18	0.009	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	383	0.107	ug/l	89
43) Isopropyl Acetate	6.336	43	63	0.010	ug/l #	62
44) Trichloroethene	7.129	130	268	0.105	ug/l	82
46) Dibromomethane	7.592	93	205	0.112	ug/l #	73
47) Bromodichloromethane	7.824	83	226	0.060	ug/l #	96
48) Methyl methacrylate	7.684	41	87	0.028	ug/l #	41
51) 4-Methyl-2-Pentanone	8.574	43	680	0.187	ug/l #	79
52) Toluene	8.720	92	449	0.073	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	380	0.089	ug/l #	50
54) cis-1,3-Dichloropropene	8.373	75	256	0.057	ug/l #	83
55) 1,1,2-Trichloroethane	9.159	97	40	0.015	ug/l #	28

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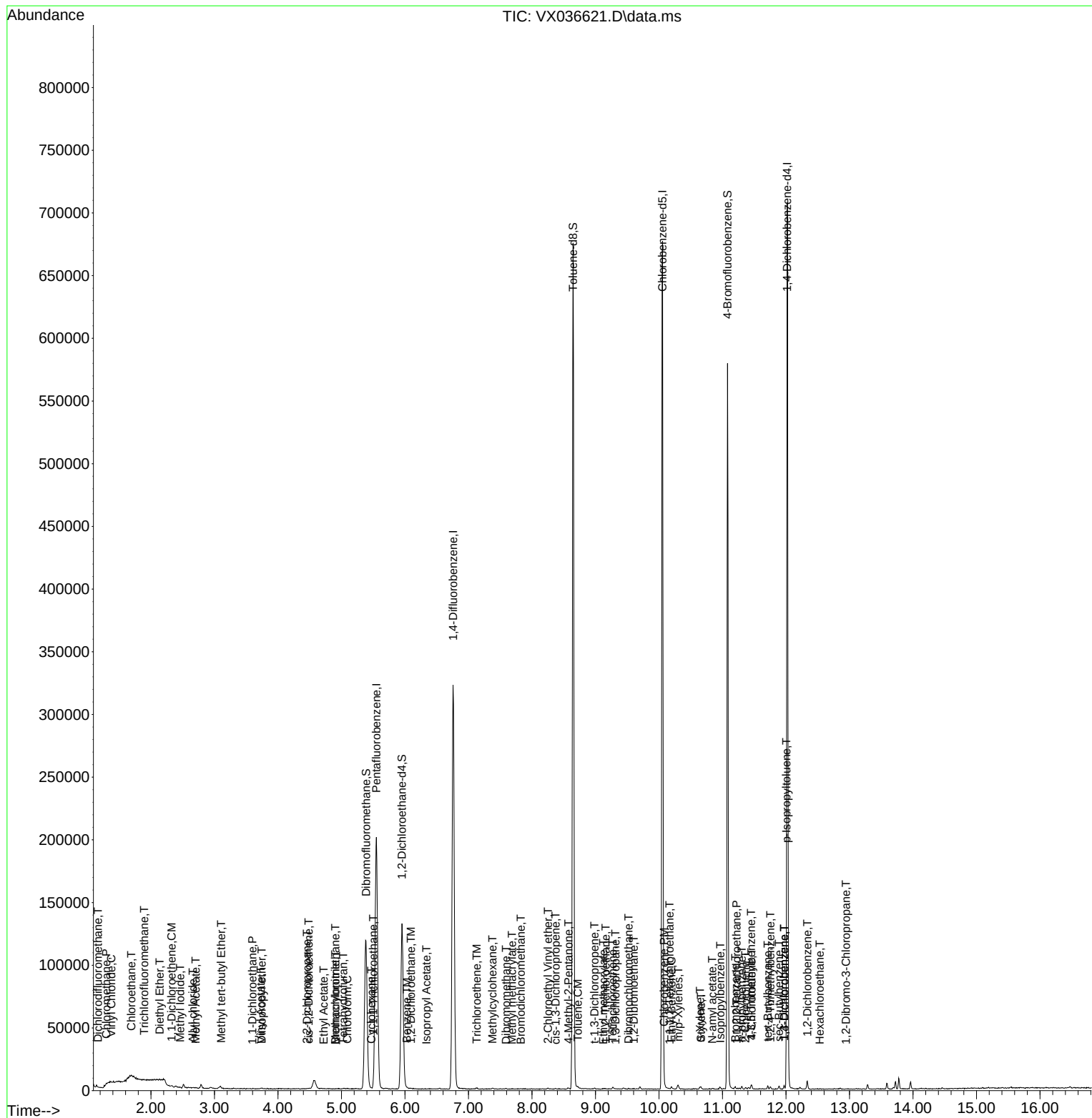
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	9.122	69	384	0.091	ug/l #	63
57) 1,3-Dichloropropane	9.311	76	143	0.033	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.251	63	355	0.171	ug/l	95
60) Dibromochloromethane	9.519	129	96	0.034	ug/l	81
61) 1,2-Dibromoethane	9.604	107	185	0.069	ug/l	95
64) Tetrachloroethane	9.269	164	226	0.098	ug/l #	66
65) Chlorobenzene	10.080	112	720	0.106	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	48	0.018	ug/l #	9
67) Ethyl Benzene	10.195	91	930	0.075	ug/l #	83
68) m/p-Xylenes	10.305	106	677	0.146	ug/l	78
69) o-Xylene	10.647	106	295	0.064	ug/l	82
70) Styrene	10.659	104	782	0.102	ug/l	89
73) Isopropylbenzene	10.964	105	896	0.077	ug/l	98
74) N-amyl acetate	10.836	43	522	0.096	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	11.220	83	229	0.058	ug/l #	87
77) Bromobenzene	11.201	156	322	0.121	ug/l	84
78) n-propylbenzene	11.305	91	1539	0.114	ug/l	97
79) 2-Chlorotoluene	11.360	91	957	0.117	ug/l	86
80) 1,3,5-Trimethylbenzene	11.451	105	816	0.084	ug/l	99
82) 4-Chlorotoluene	11.457	91	1487	0.159	ug/l	98
83) tert-Butylbenzene	11.713	119	988	0.103	ug/l	82
84) 1,2,4-Trimethylbenzene	11.756	105	972	0.099	ug/l	98
85) sec-Butylbenzene	11.890	105	1661	0.139	ug/l	93
86) p-Isopropyltoluene	12.006	119	1187	0.121	ug/l #	42
87) 1,3-Dichlorobenzene	11.969	146	961	0.195	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	961	0.197	ug/l	97
90) Hexachloroethane	12.530	117	67	0.034	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	803	0.169	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57	0.062	ug/l #	37

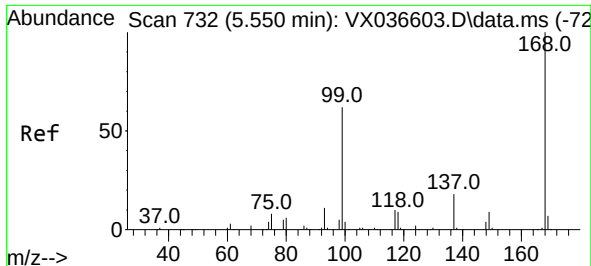
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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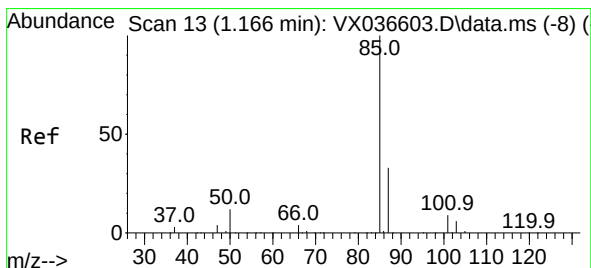
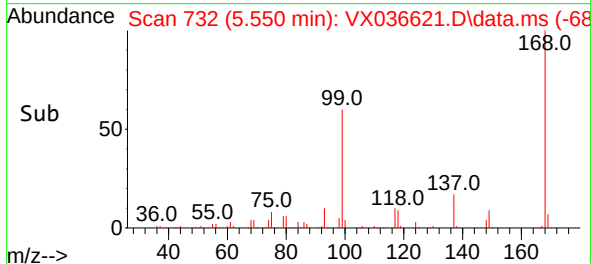
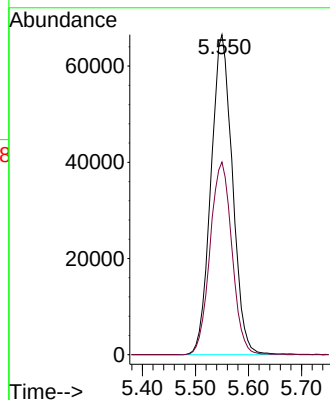
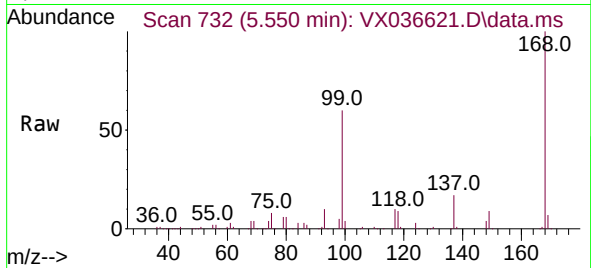




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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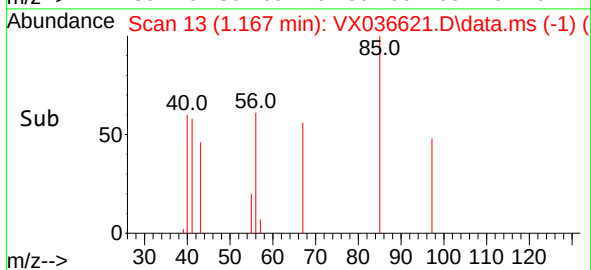
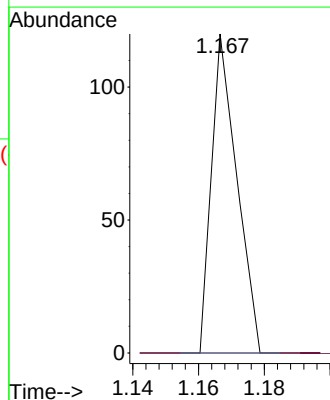
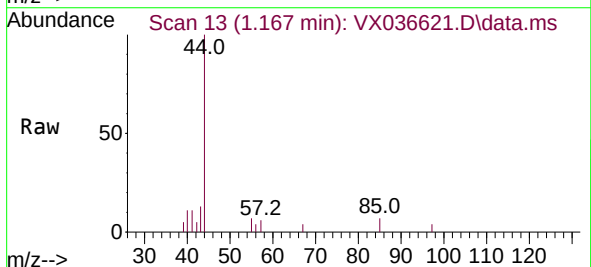
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

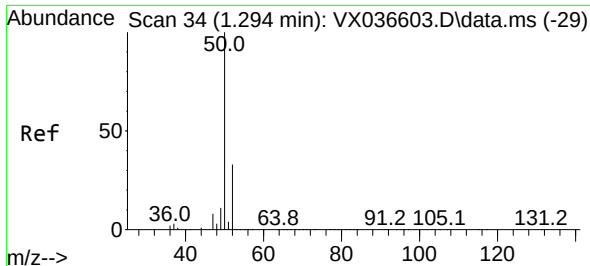
Tgt Ion:168 Resp: 187177
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.026 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 85 Resp: 64
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

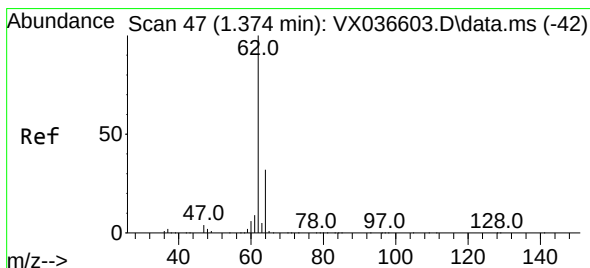
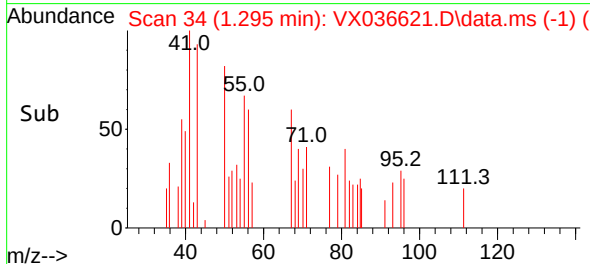
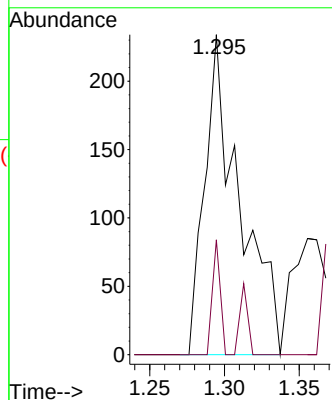
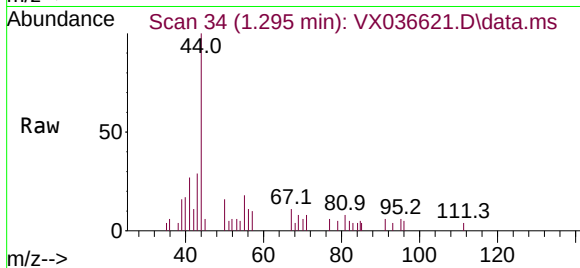




#3
Chloromethane
Concen: 0.169 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

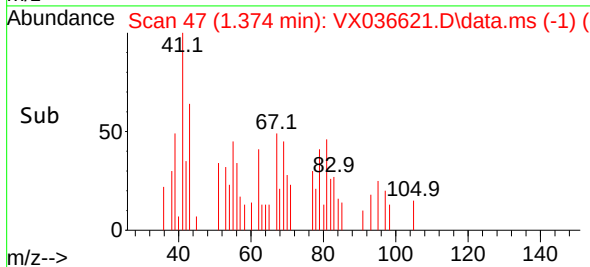
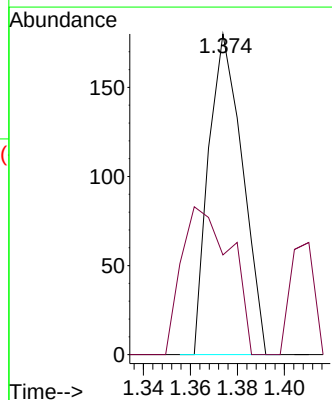
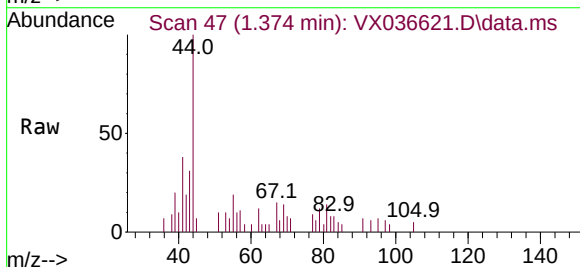
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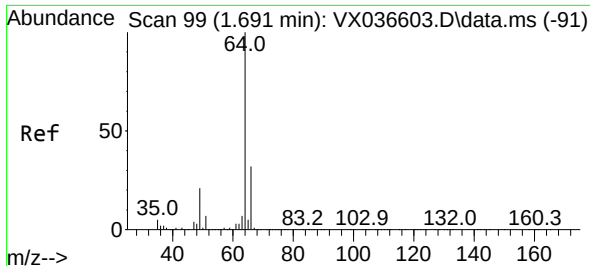
Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 35.9 25.5 38.3



#4
Vinyl Chloride
Concen: 0.079 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 62 Resp: 180
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0

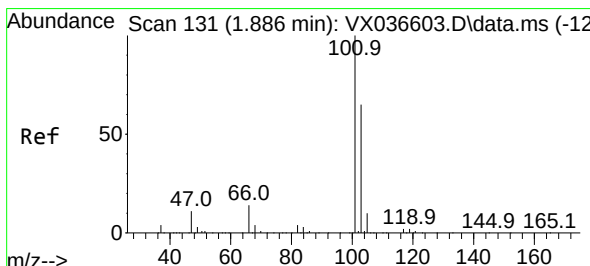
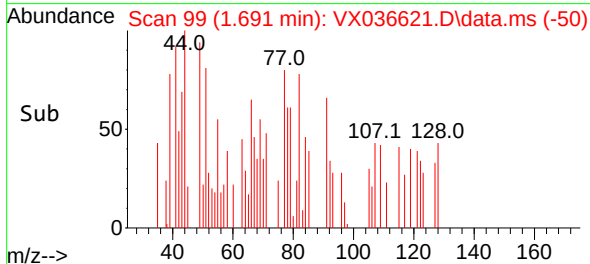
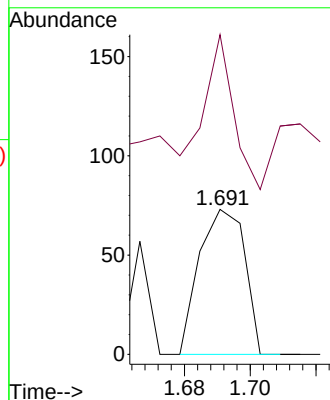
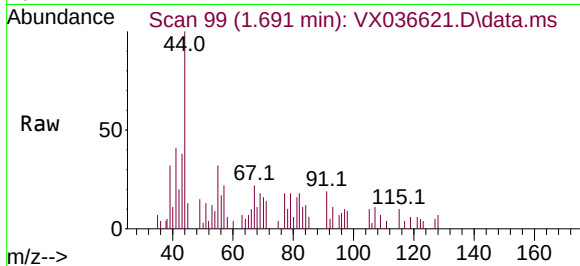




#6
Chloroethane
Concen: 0.063 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

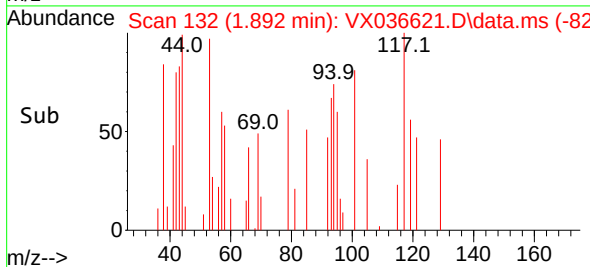
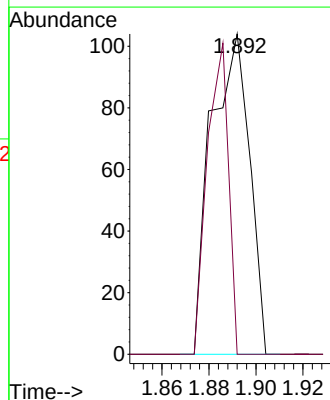
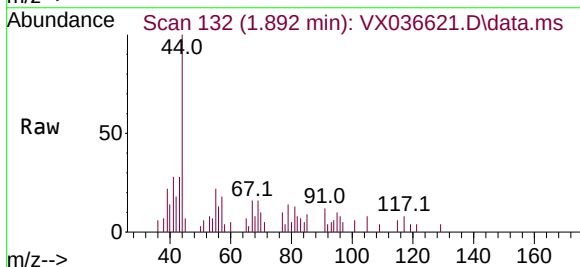
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ClientSampleId :
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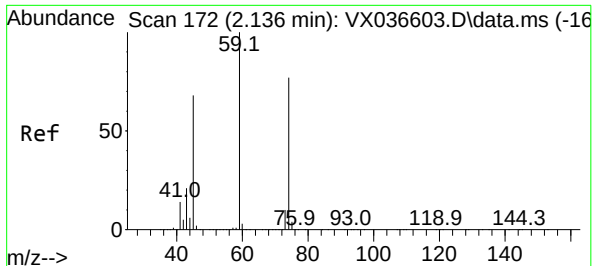
Tgt Ion: 64 Resp: 70
Ion Ratio Lower Upper
64 100
66 83.6 25.1 37.7#



#7
Trichlorofluoromethane
Concen: 0.033 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 101 Resp: 118
Ion Ratio Lower Upper
101 100
103 0.0 51.4 77.2#

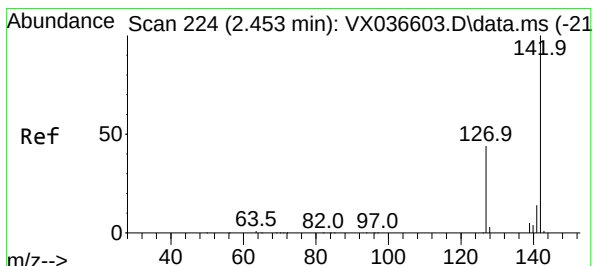
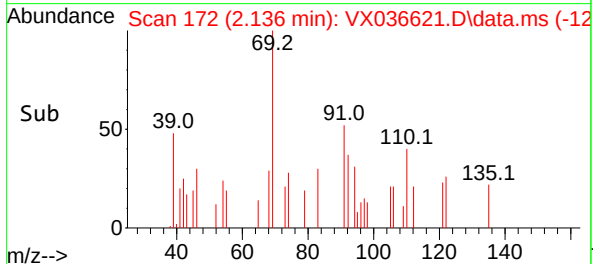
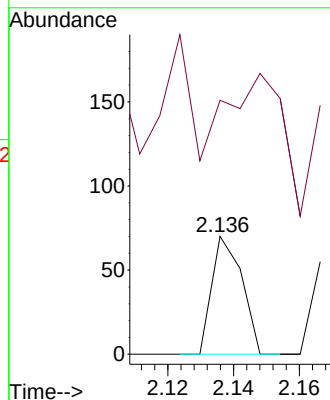
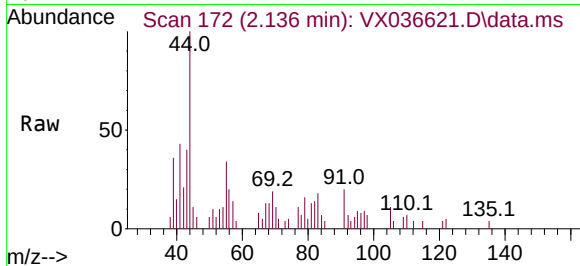




#8
Diethyl Ether
Concen: 0.032 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

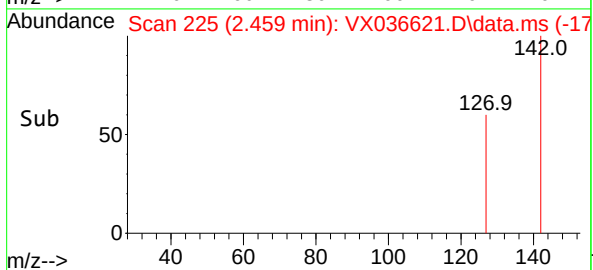
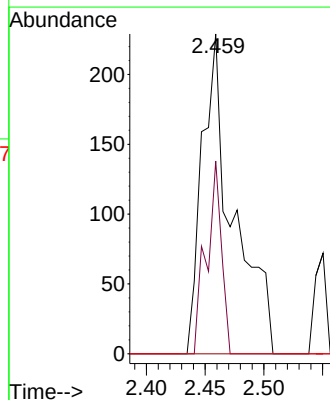
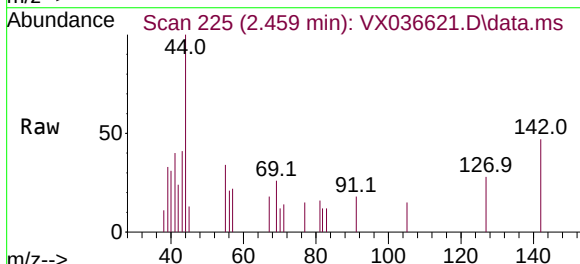
Instrument :
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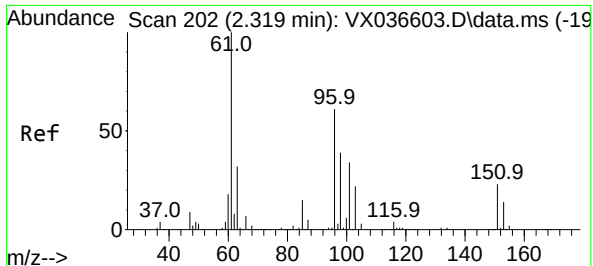
Tgt Ion: 74 Resp: 44
Ion Ratio Lower Upper
74 100
45 0.0 53.3 159.8#



#10
Methyl Iodide
Concen: 0.190 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion:142 Resp: 420
Ion Ratio Lower Upper
142 100
127 29.3 41.6 62.4#
141 0.0 11.6 17.4#





#12

1,1-Dichloroethene

Concen: 0.167 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX036621.D

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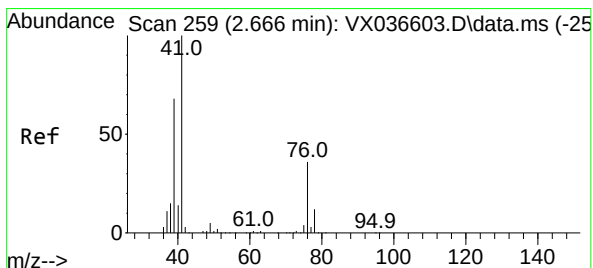
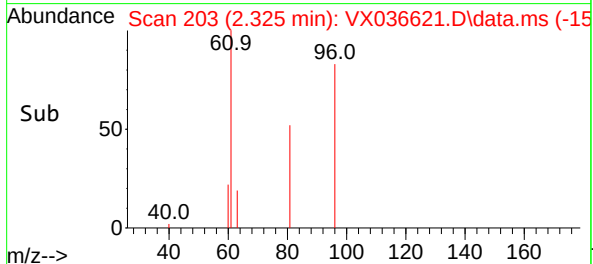
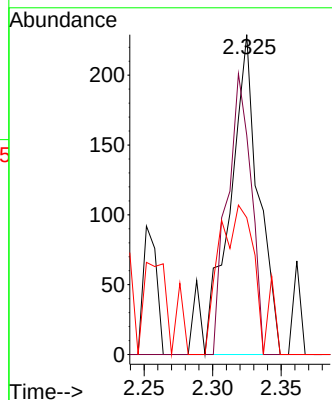
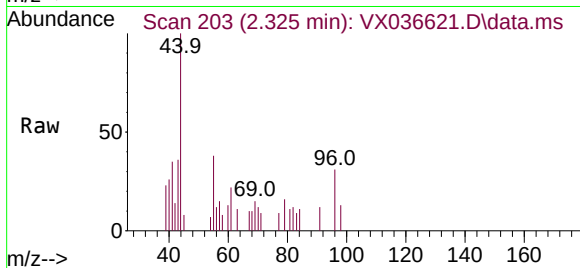
Tgt Ion: 96 Resp: 349

Ion Ratio Lower Upper

96 100

61 68.6 144.6 216.8#

98 42.8 50.4 75.6#



#14

Allyl chloride

Concen: 0.097 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

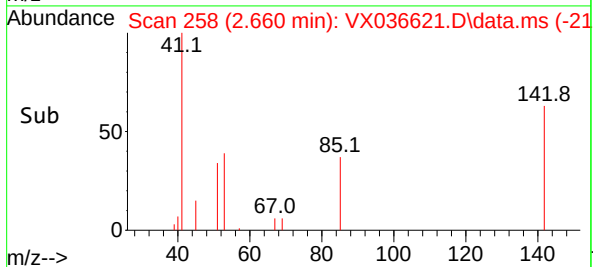
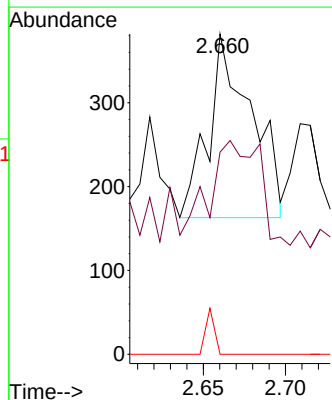
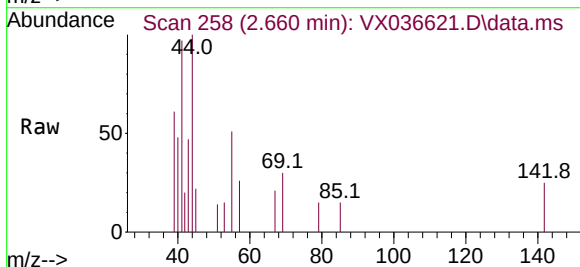
Tgt Ion: 41 Resp: 399

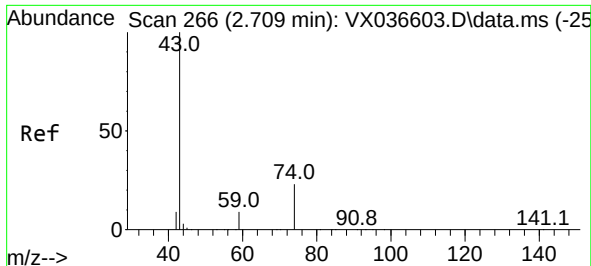
Ion Ratio Lower Upper

41 100

39 63.2 55.8 83.6

76 0.0 24.3 36.5#

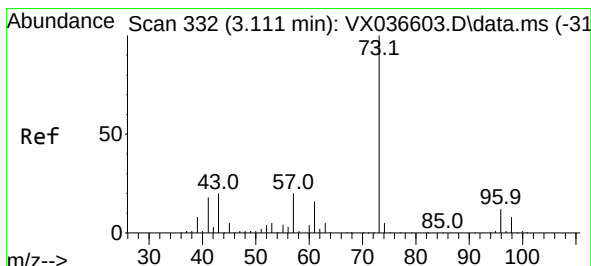
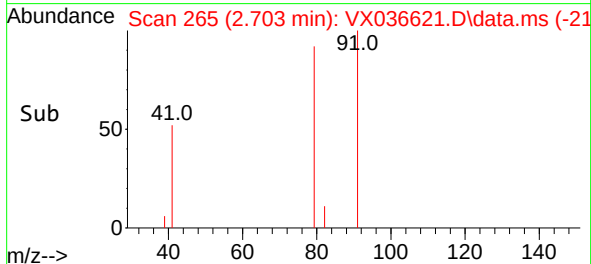
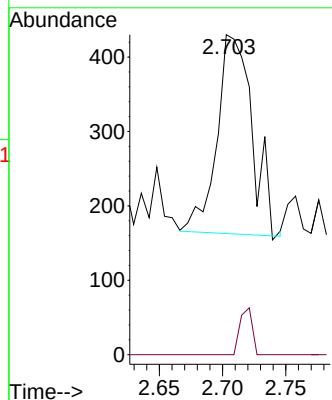
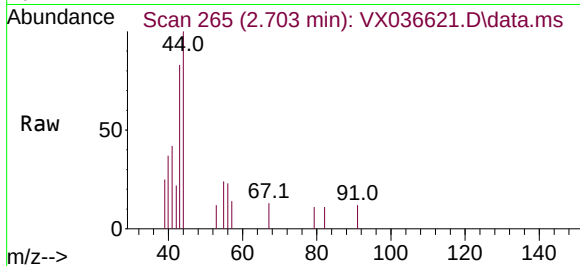




#18
Methyl Acetate
Concen: 0.107 ug/l
RT: 2.703 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

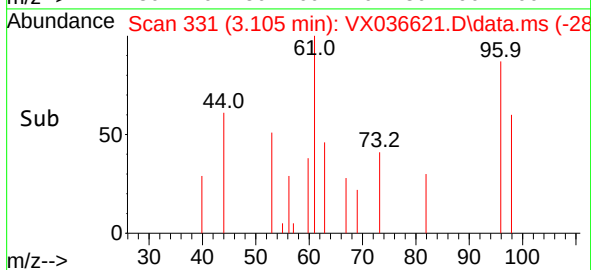
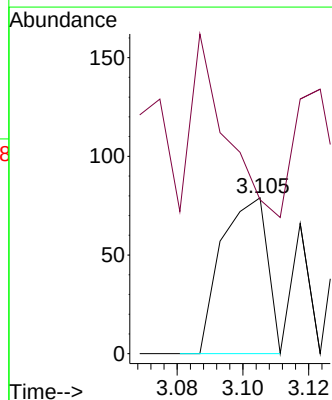
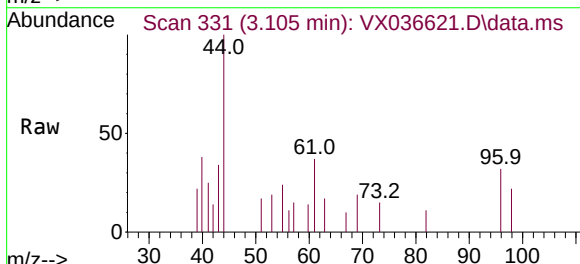
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

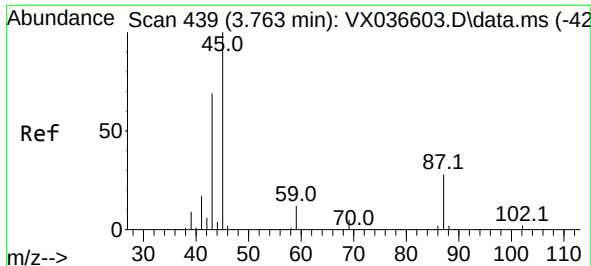
Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
74 8.2 17.8 26.8#



#19
Methyl tert-butyl Ether
Concen: 0.010 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 73 Resp: 76
Ion Ratio Lower Upper
73 100
57 11.4 17.3 25.9#

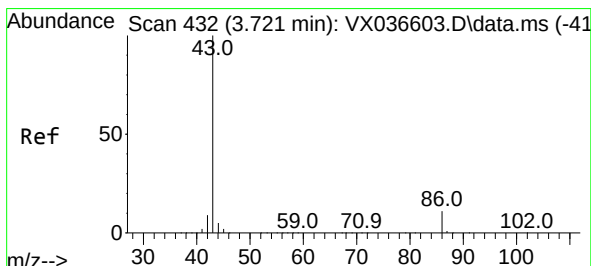
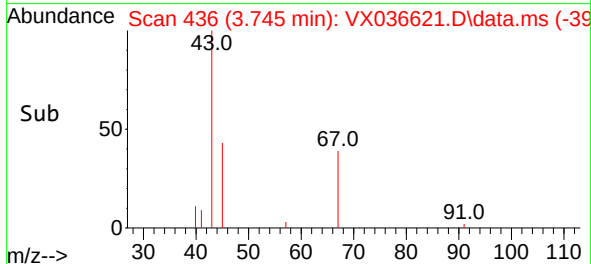
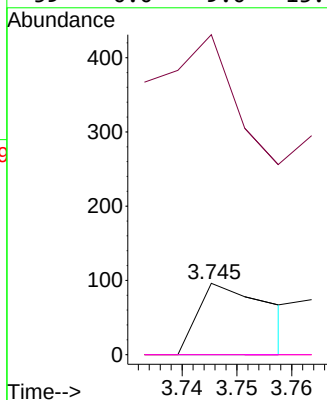
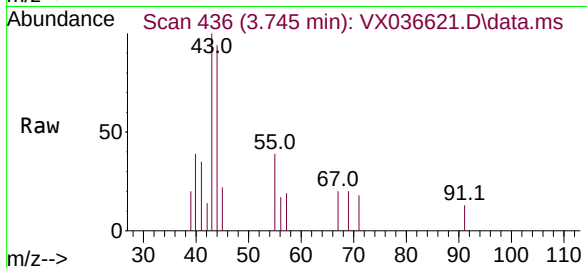




#22
Diisopropyl ether
Concen: 0.011 ug/l
RT: 3.745 min Scan# 41
Delta R.T. -0.018 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

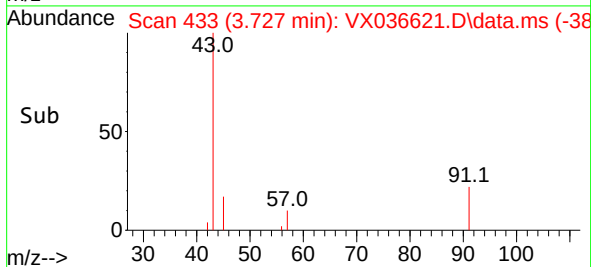
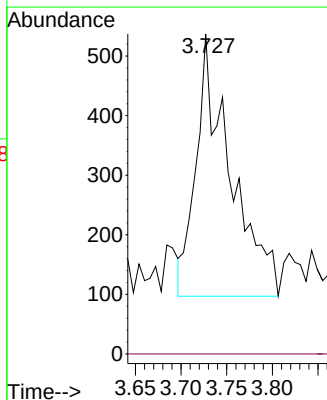
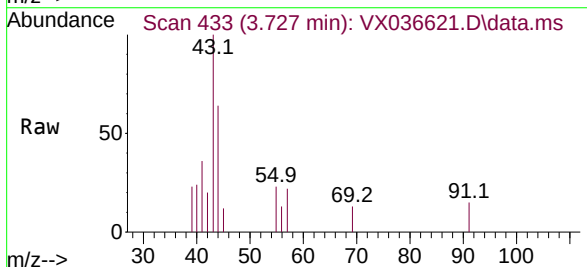
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

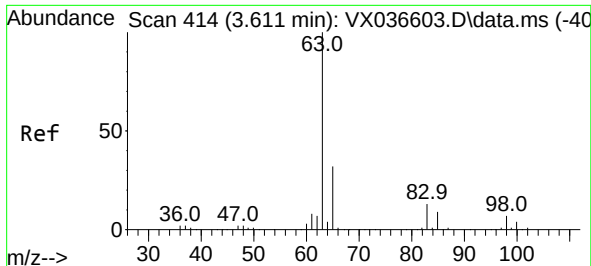
Tgt Ion: 45	Resp: 88
Ion Ratio	Lower Upper
45 100	
43 182.3	69.7 104.5#
87 0.0	20.8 31.2#
59 0.0	9.0 13.4#



#23
Vinyl Acetate
Concen: 0.190 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 43	Resp: 1142		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	7.8	11.8#	

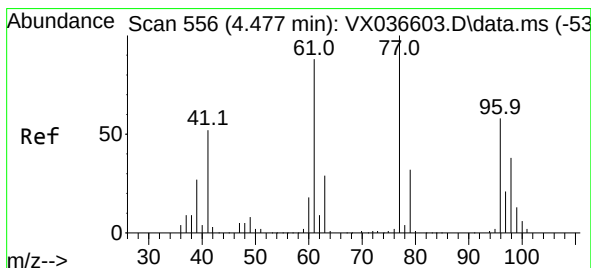
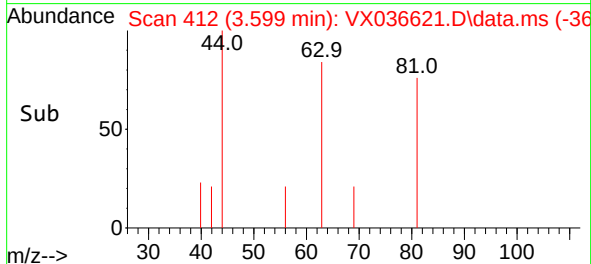
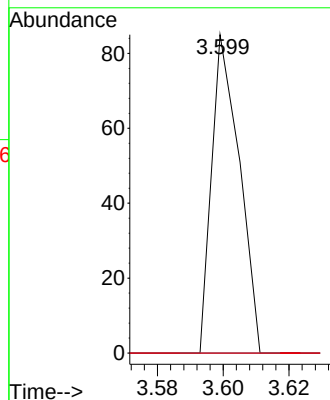
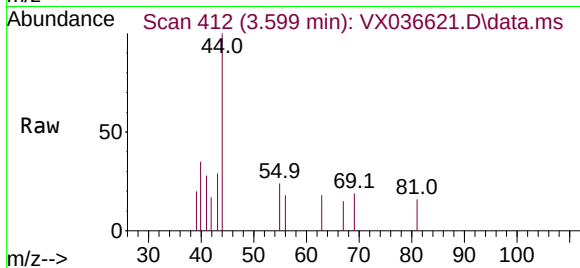




#24
1,1-Dichloroethane
Concen: 0.011 ug/l
RT: 3.599 min Scan# 411
Delta R.T. -0.012 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

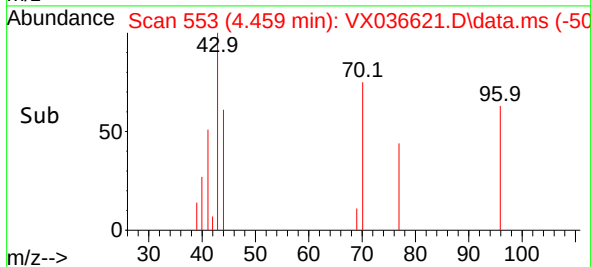
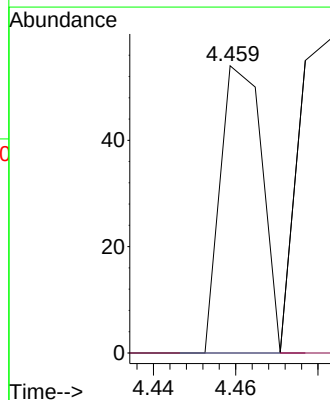
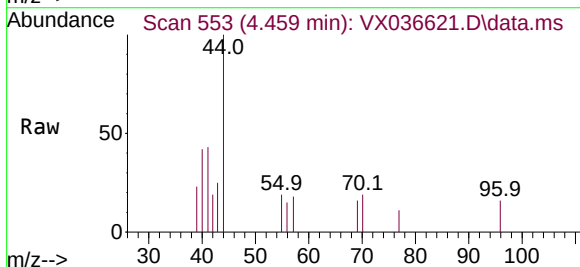
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

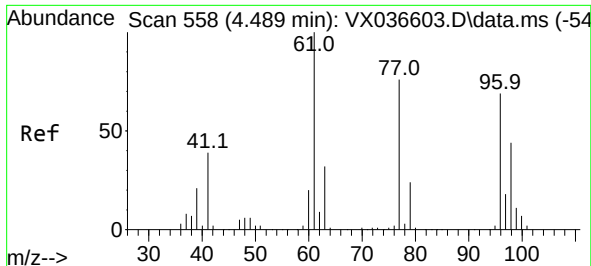
Tgt Ion: 63 Resp: 50
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#26
2,2-Dichloropropane
Concen: 0.009 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.018 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 77 Resp: 38
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.089 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0724MBL01

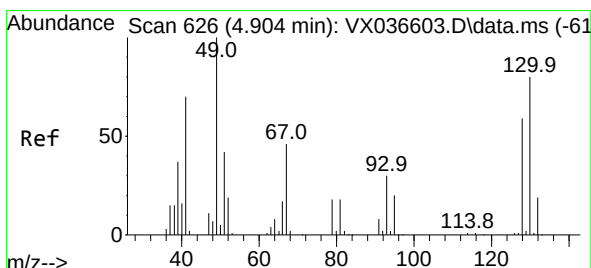
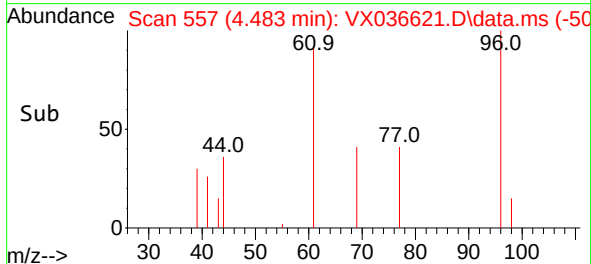
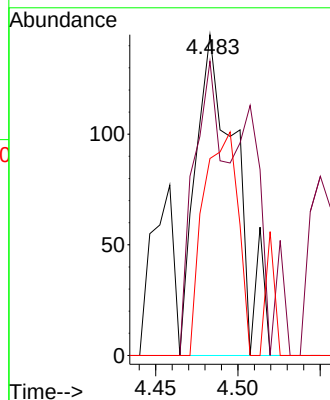
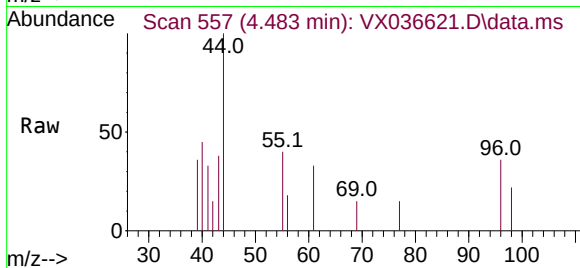
Tgt Ion: 96 Resp: 247

Ion Ratio Lower Upper

96 100

61 72.5 0.0 312.2

98 59.9 0.0 129.0



#28

Bromochloromethane

Concen: 0.049 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

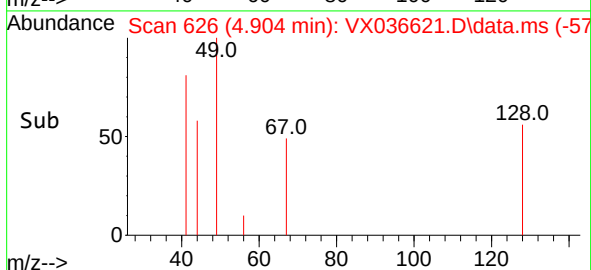
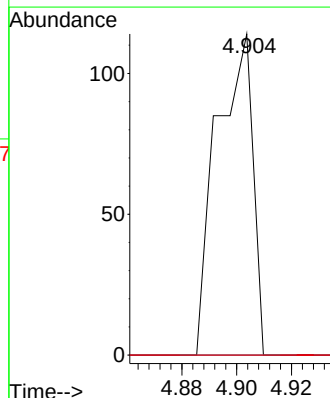
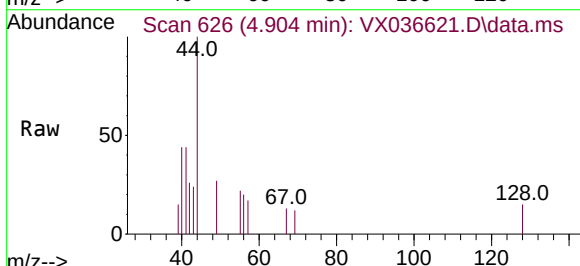
Tgt Ion: 49 Resp: 104

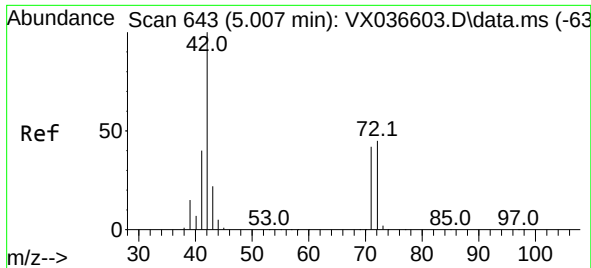
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 57.5 86.3#





#29

Tetrahydrofuran

Concen: 0.156 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0724MBL01

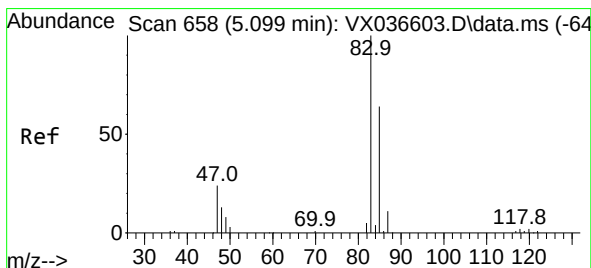
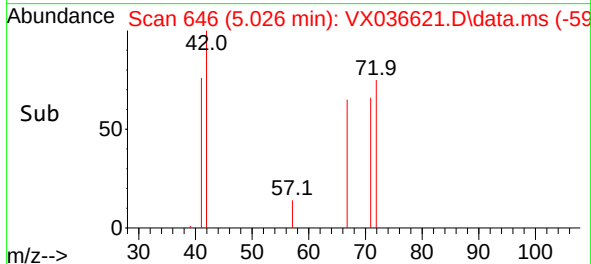
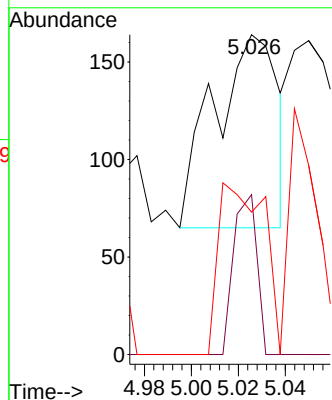
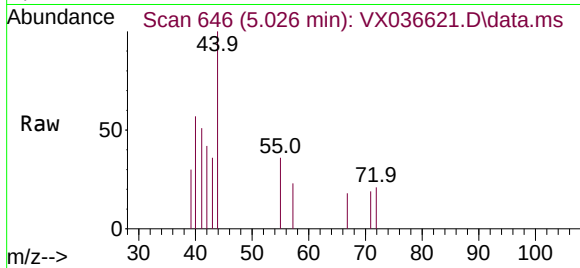
Tgt Ion: 42 Resp: 187

Ion Ratio Lower Upper

42 100

72 29.9 34.2 51.4#

71 63.6 32.2 48.2#



#30

Chloroform

Concen: 0.076 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036621.D

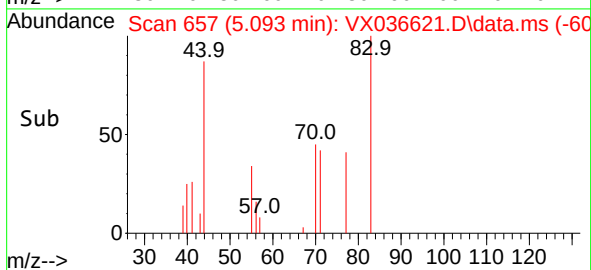
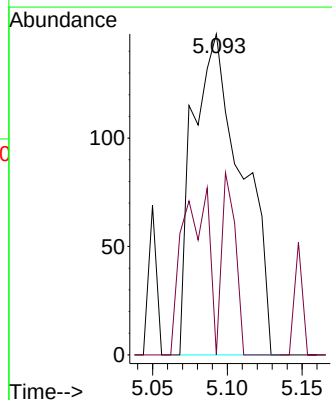
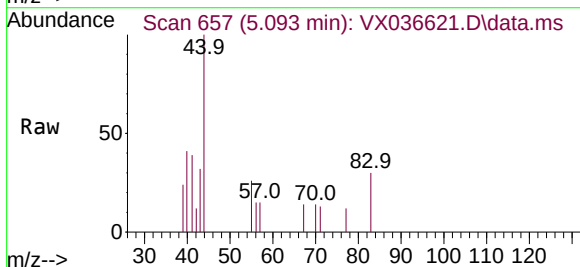
Acq: 24 Jul 2023 10:54

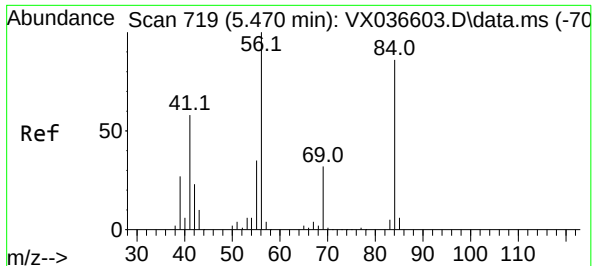
Tgt Ion: 83 Resp: 340

Ion Ratio Lower Upper

83 100

85 0.0 50.3 75.5#



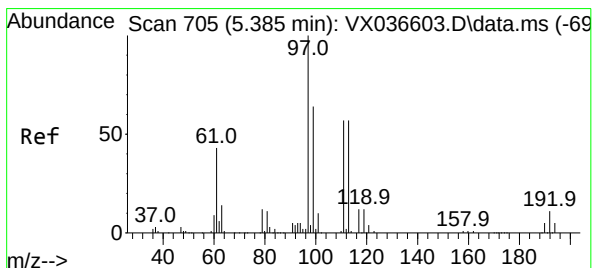
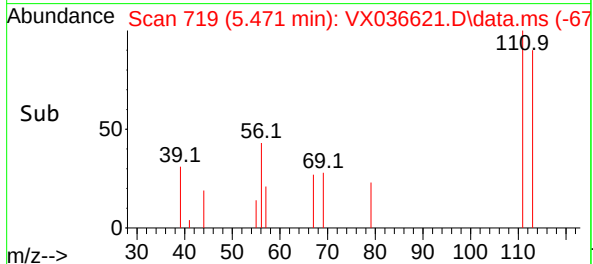
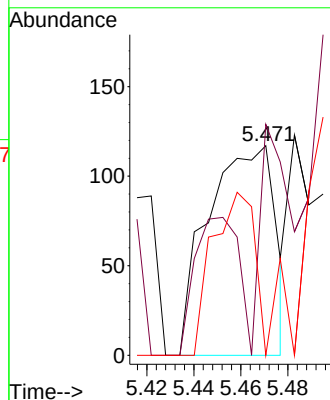
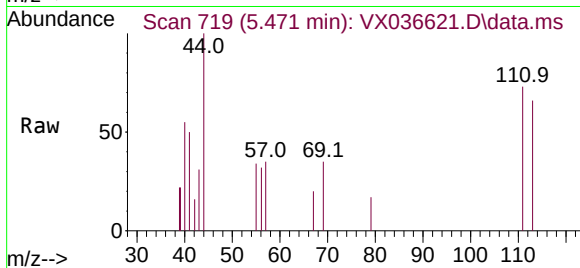


#31
Cyclohexane
Concen: 0.061 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

Tgt Ion: 56 Resp: 232

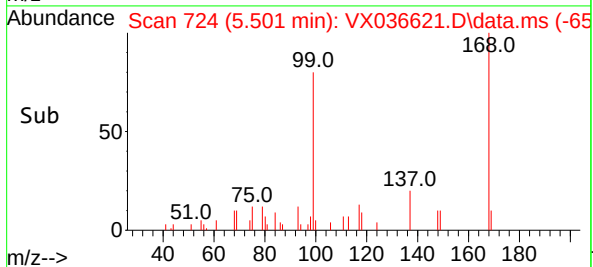
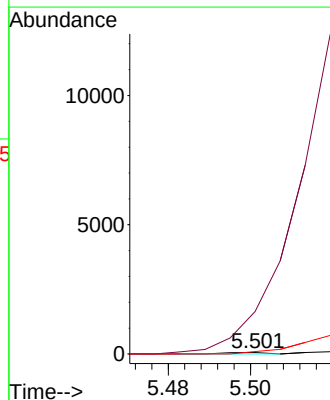
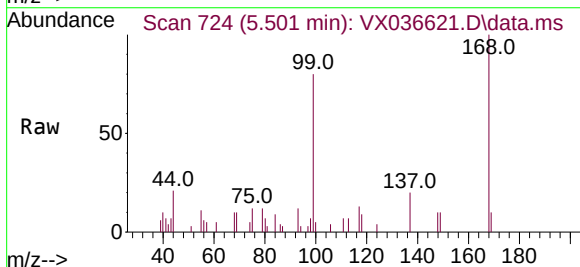
Ion	Ratio	Lower	Upper
56	100		
69	110.3	23.4	35.2#
84	0.0	65.9	98.9#

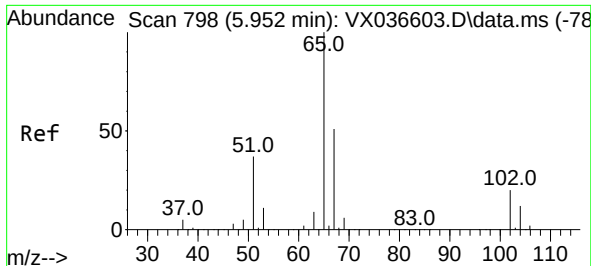


#32
1,1,1-Trichloroethane
Concen: 0.010 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.116 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 97 Resp: 40

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	0.0	36.4	54.6#

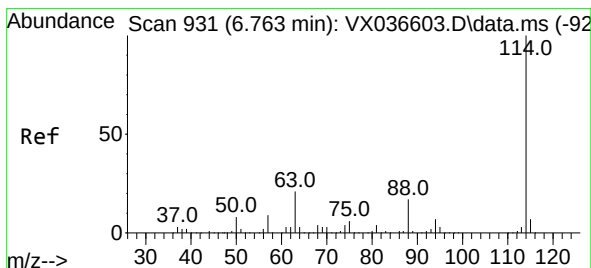
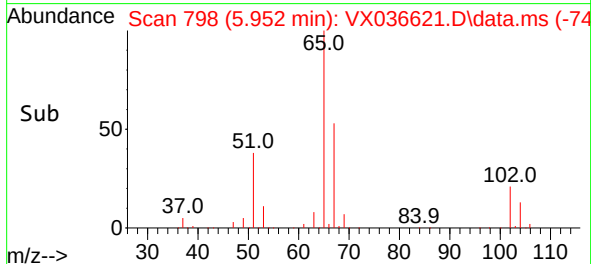
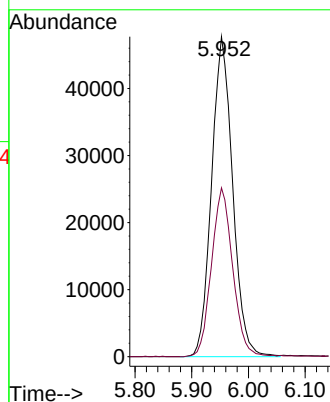
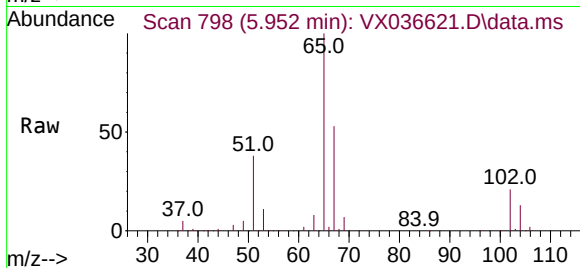




#33
 1,2-Dichloroethane-d4
 Concen: 44.461 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036621.D
 Acq: 24 Jul 2023 10:54

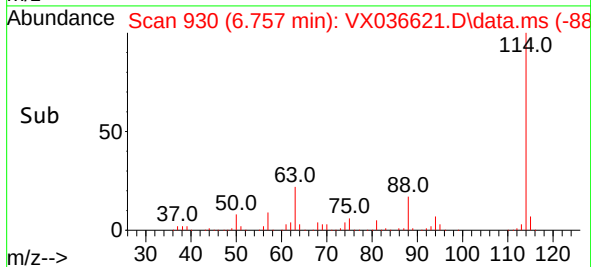
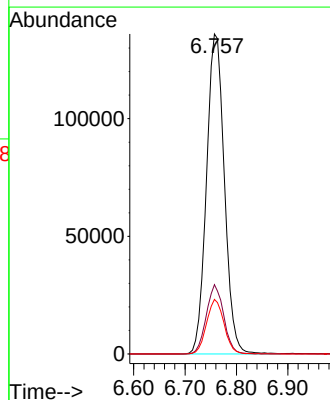
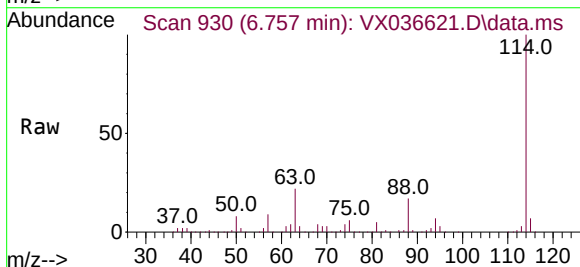
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724MBL01

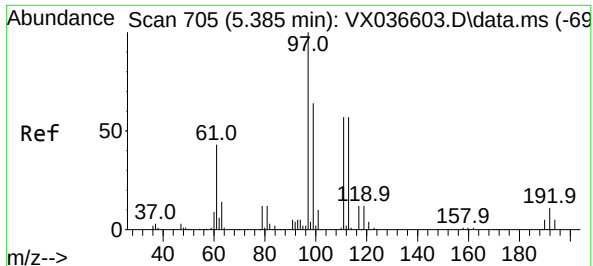
Tgt Ion: 65 Resp: 123138
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX036621.D
 Acq: 24 Jul 2023 10:54

Tgt Ion: 114 Resp: 329042
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 17.0 0.0 36.6

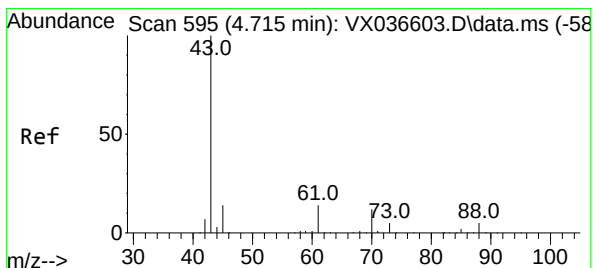
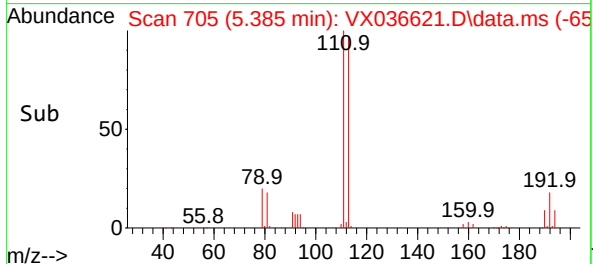
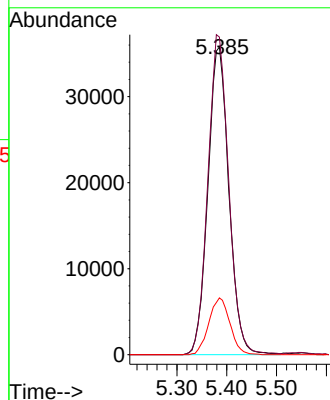
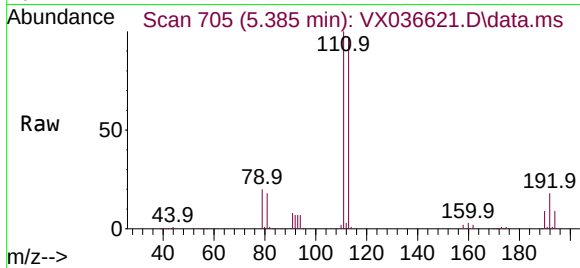




#35
Dibromofluoromethane
Concen: 46.310 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

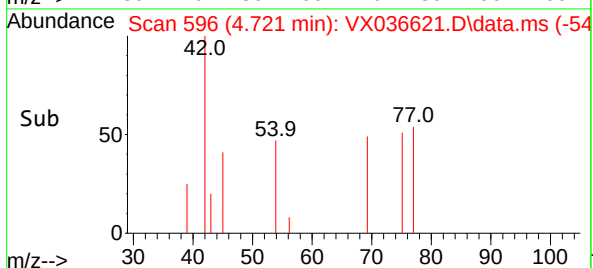
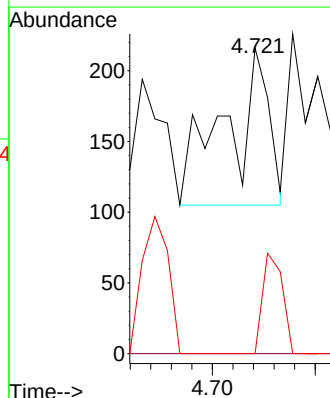
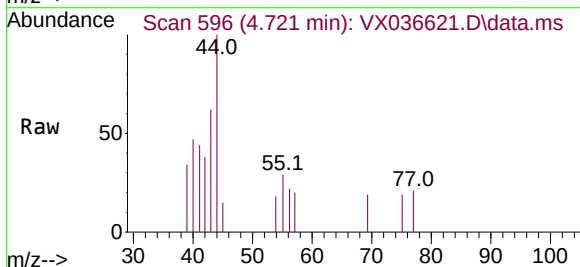
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

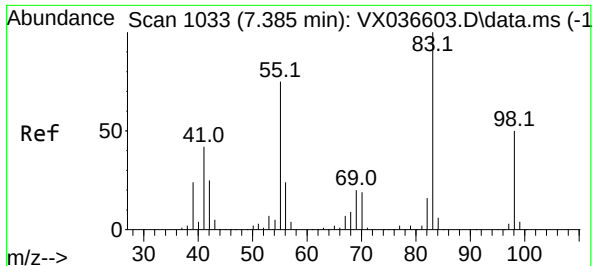
Tgt Ion:113 Resp: 104738
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.5 13.3 19.9



#37
Ethyl Acetate
Concen: 0.042 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 29.2 8.3 12.5#





#39

Methylcyclohexane

Concen: 0.077 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0724MBL01

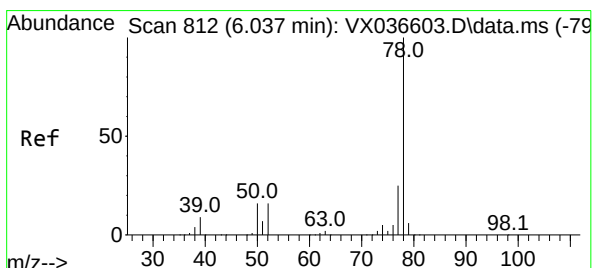
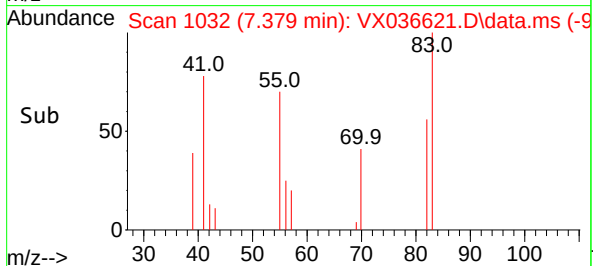
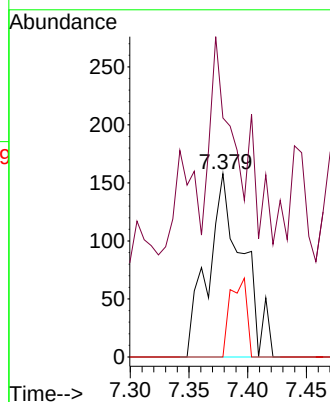
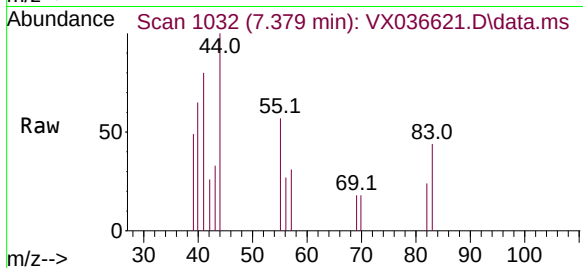
Tgt Ion: 83 Resp: 322

Ion Ratio Lower Upper

83 100

55 44.9 64.6 97.0#

98 0.0 36.7 55.1#



#40

Benzene

Concen: 0.039 ug/l

RT: 6.032 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX036621.D

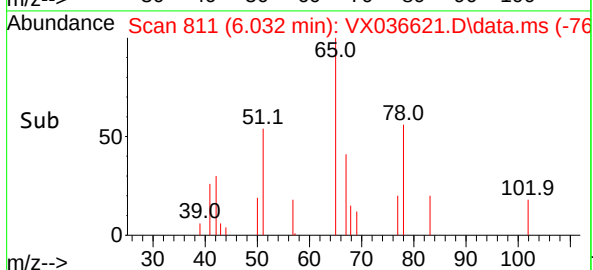
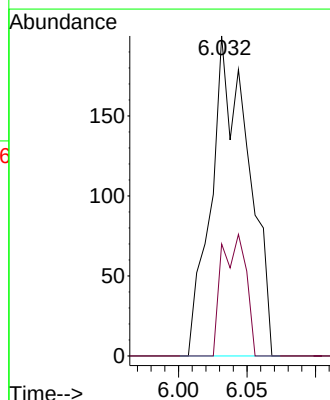
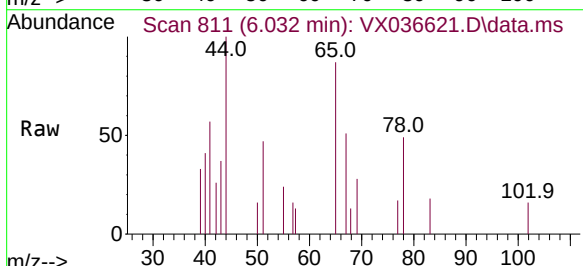
Acq: 24 Jul 2023 10:54

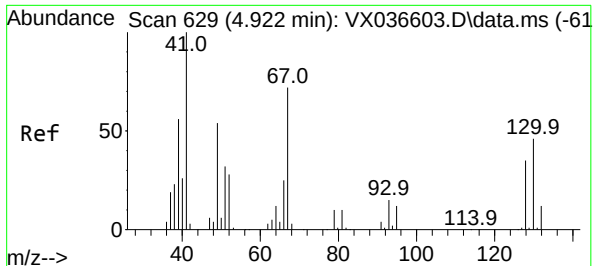
Tgt Ion: 78 Resp: 379

Ion Ratio Lower Upper

78 100

77 35.0 19.3 28.9#

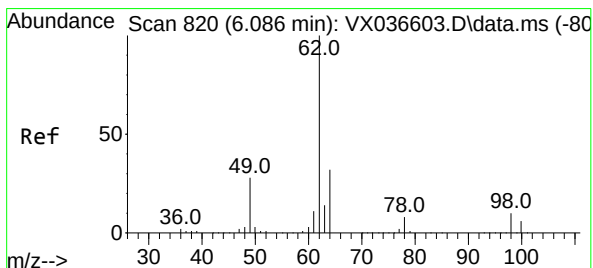
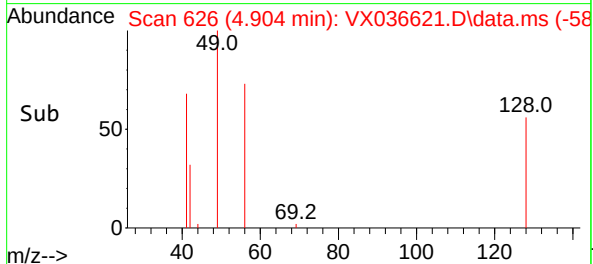
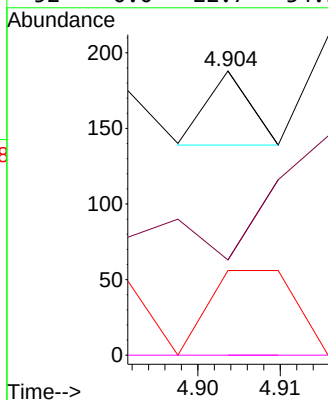
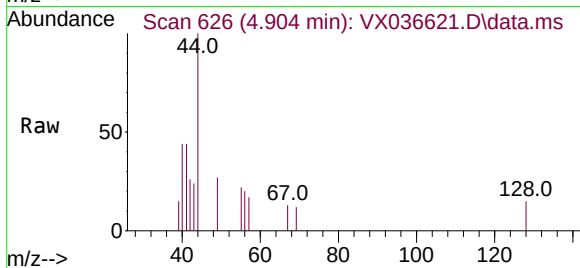




#41
Methacrylonitrile
Concen: 0.009 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

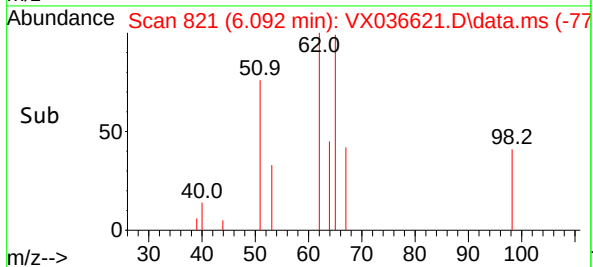
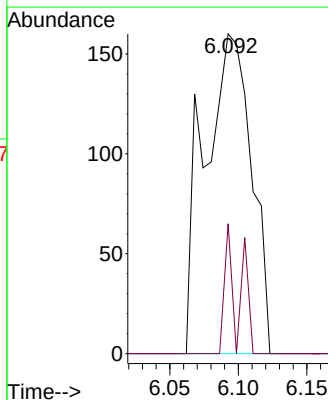
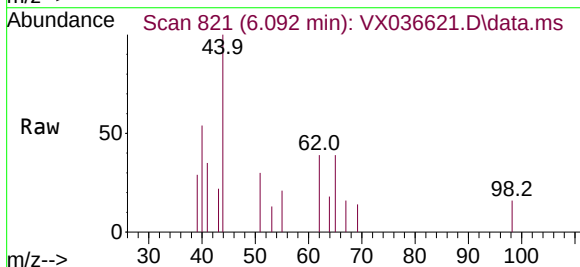
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

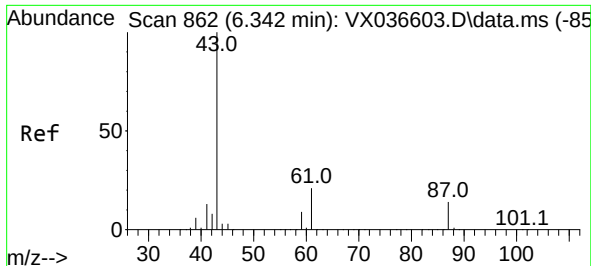
Tgt Ion: 41	Resp: 18
Ion Ratio	Lower Upper
41 100	
39 572.2	45.2 67.8#
67 333.3	52.6 78.8#
52 0.0	22.7 34.1#



#42
1,2-Dichloroethane
Concen: 0.107 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 62	Resp: 383
Ion Ratio	Lower Upper
62 100	
98 11.7	0.0 16.0





#43

Isopropyl Acetate

Concen: 0.010 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0724MBL01

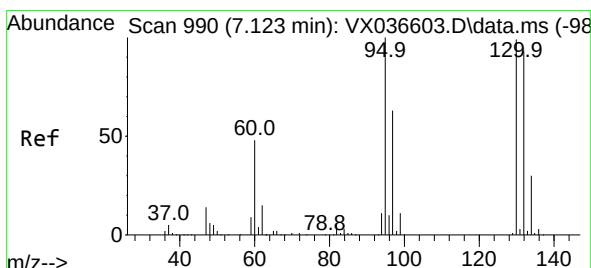
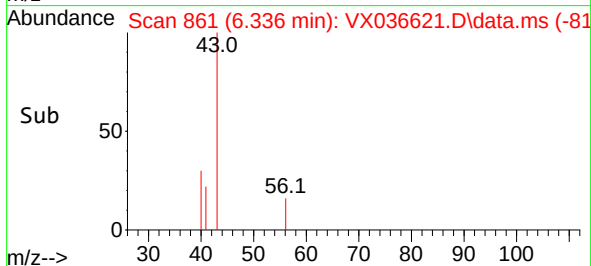
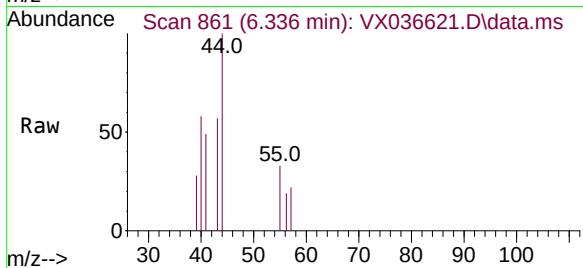
Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.105 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036621.D

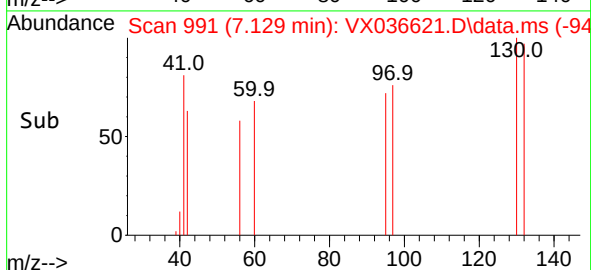
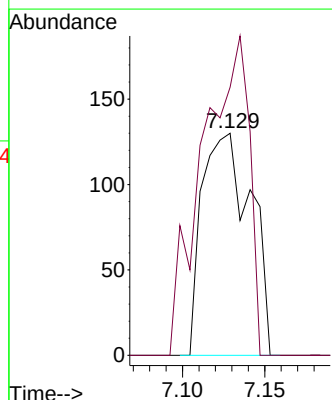
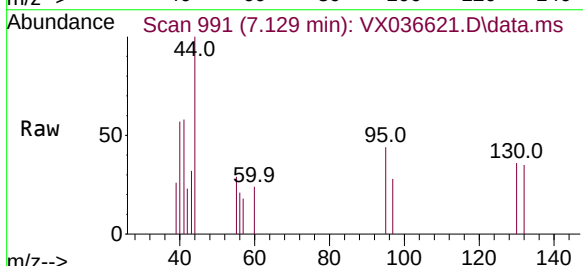
Acq: 24 Jul 2023 10:54

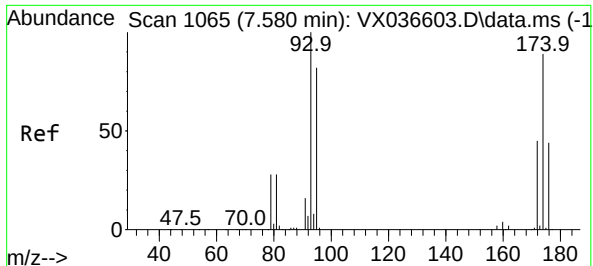
Tgt Ion:130 Resp: 268

Ion Ratio Lower Upper

130 100

95 120.8 0.0 204.4

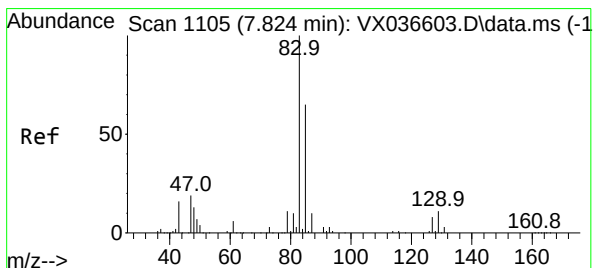
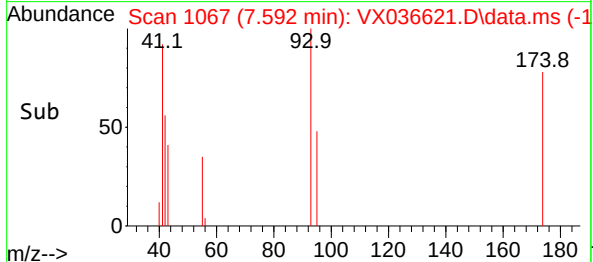
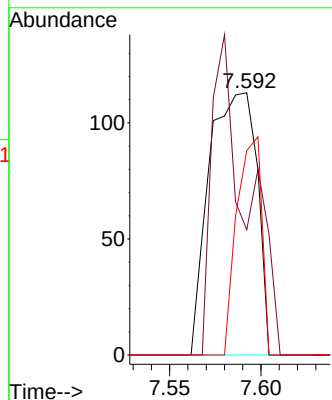
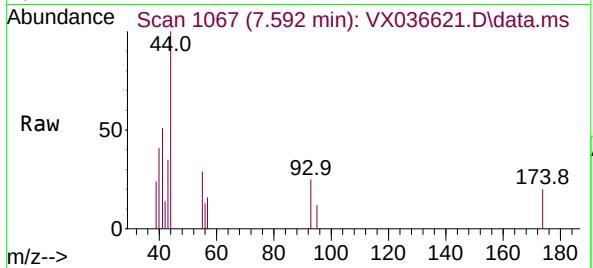




#46
Dibromomethane
Concen: 0.112 ug/l
RT: 7.592 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

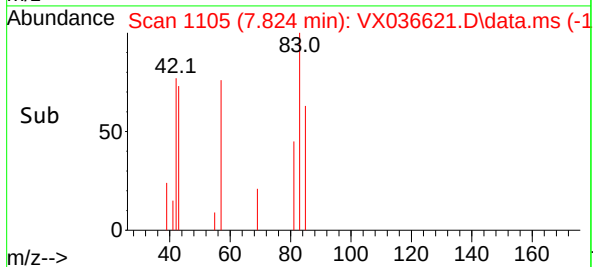
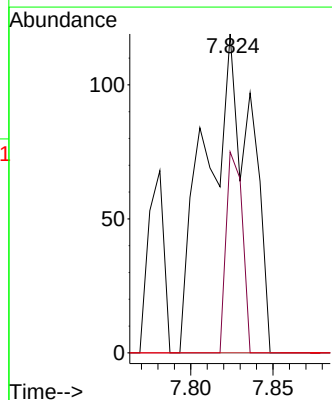
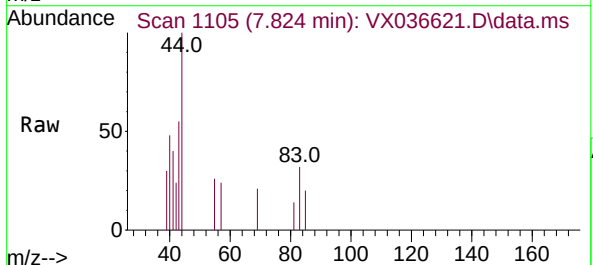
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

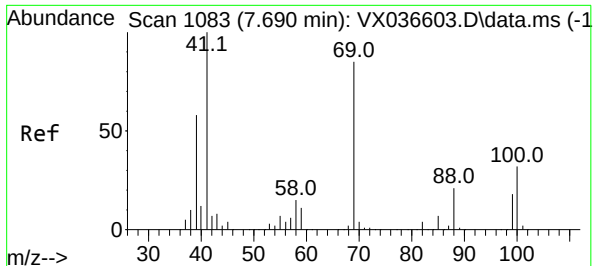
Tgt Ion: 93 Resp: 205
Ion Ratio Lower Upper
93 100
95 89.3 66.6 100.0
174 43.4 69.4 104.0#



#47
Bromodichloromethane
Concen: 0.060 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 83 Resp: 226
Ion Ratio Lower Upper
83 100
85 63.0 49.8 74.6
127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.028 ug/l

RT: 7.684 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0724MBL01

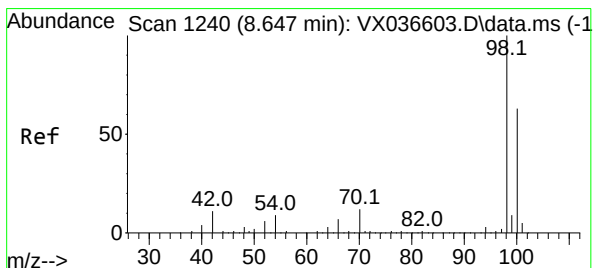
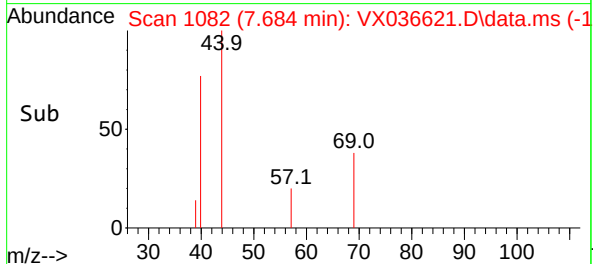
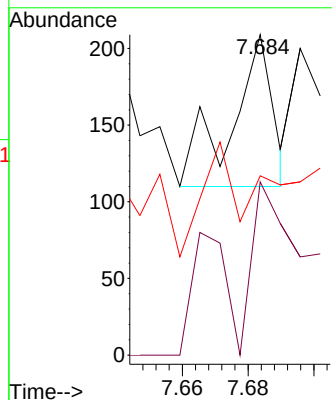
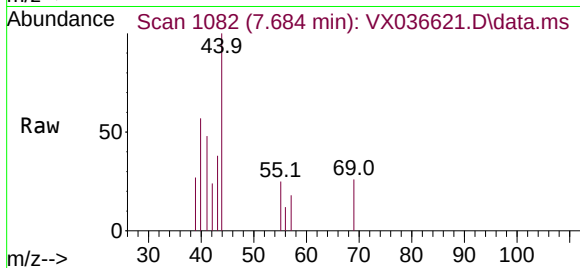
Tgt Ion: 41 Resp: 87

Ion Ratio Lower Upper

41 100

69 110.3 59.2 88.8#

39 0.0 47.7 71.5#



#50

Toluene-d8

Concen: 49.607 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036621.D

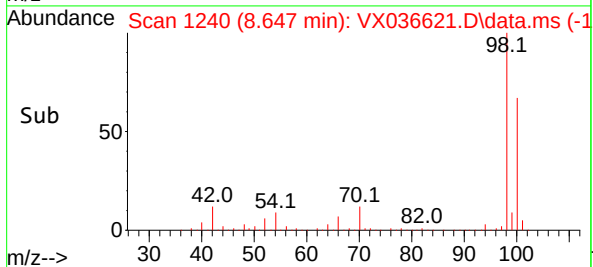
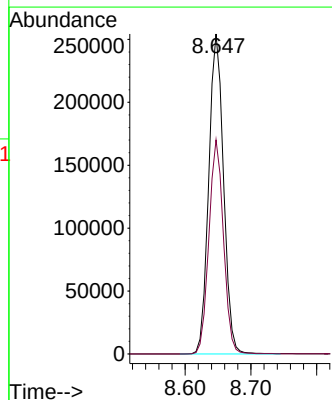
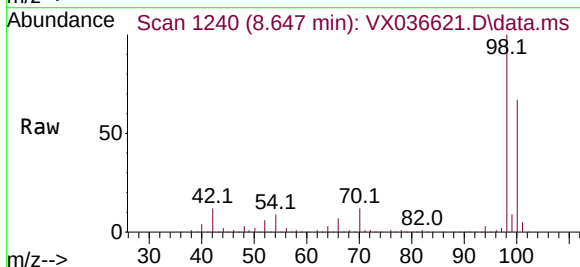
Acq: 24 Jul 2023 10:54

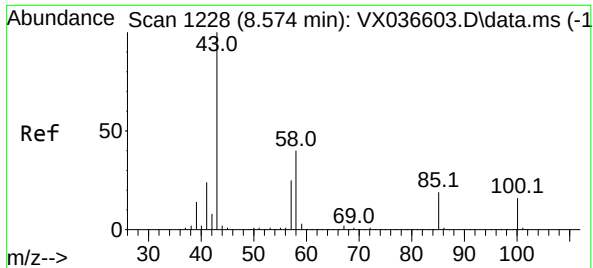
Tgt Ion: 98 Resp: 397865

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7

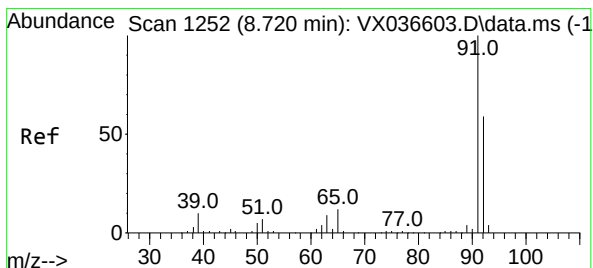
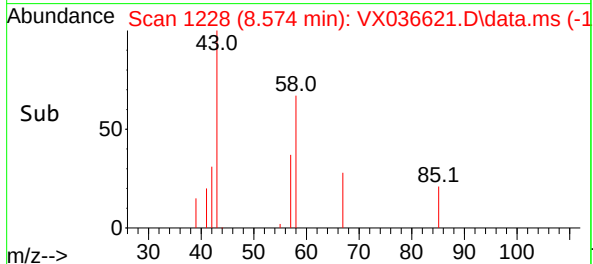
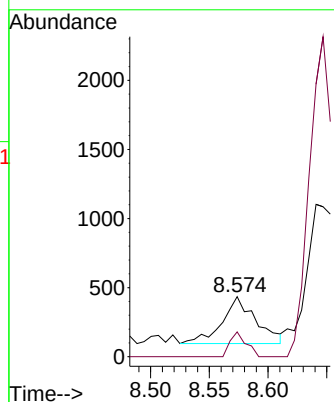
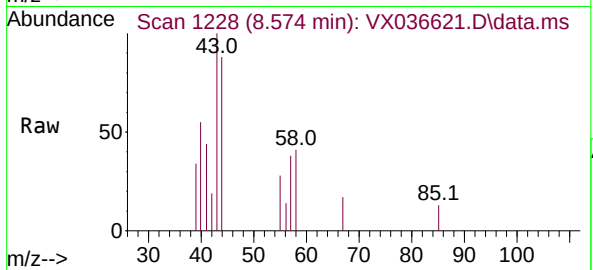




#51
4-Methyl-2-Pentanone
Concen: 0.187 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

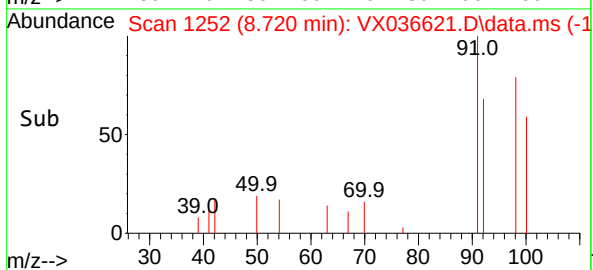
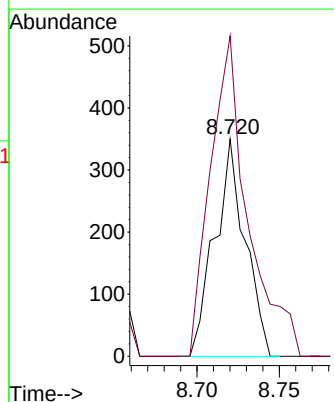
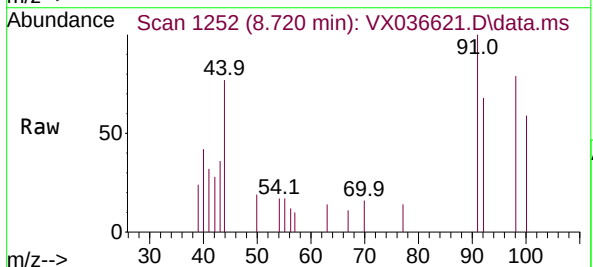
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

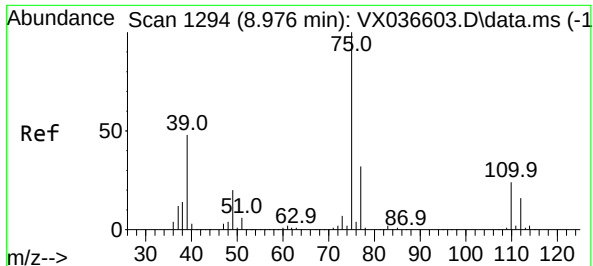
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
58 25.3 30.4 45.6#



#52
Toluene
Concen: 0.073 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 92 Resp: 449
Ion Ratio Lower Upper
92 100
91 181.5 134.2 201.2

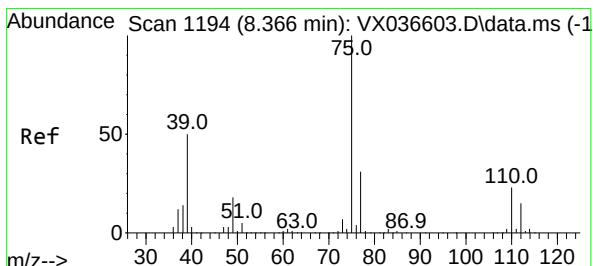
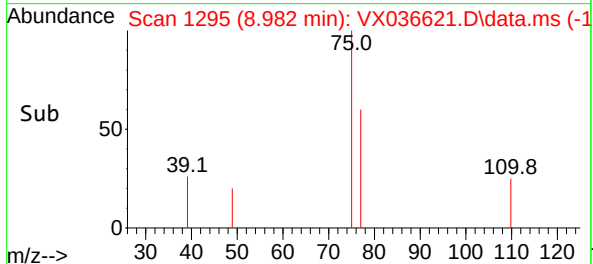
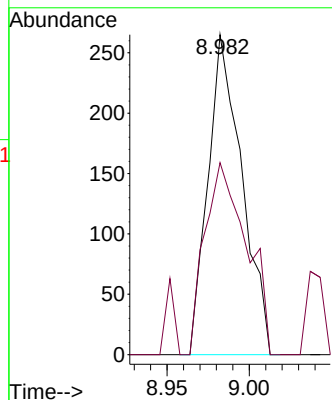
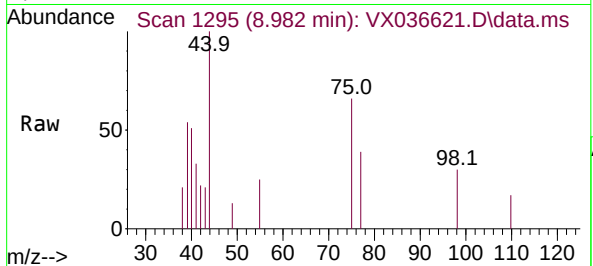




#53
 t-1,3-Dichloropropene
 Concen: 0.089 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX036621.D
 Acq: 24 Jul 2023 10:54

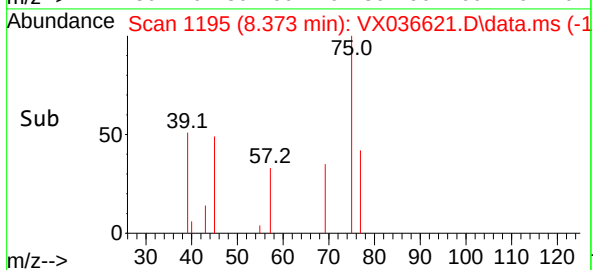
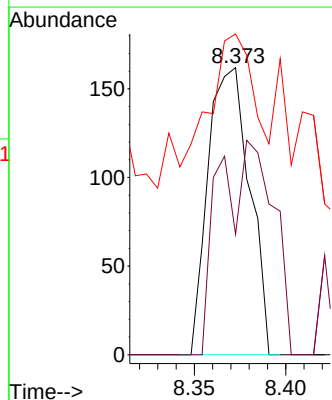
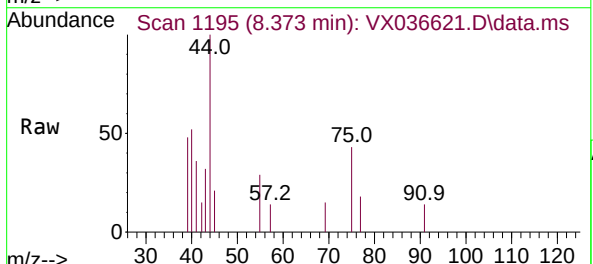
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724MBL01

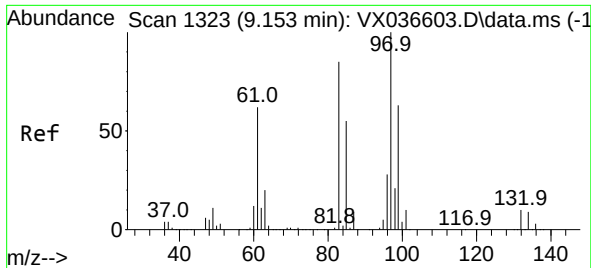
Tgt Ion: 75 Resp: 380
 Ion Ratio Lower Upper
 75 100
 77 60.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 0.057 ug/l
 RT: 8.373 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX036621.D
 Acq: 24 Jul 2023 10:54

Tgt Ion: 75 Resp: 256
 Ion Ratio Lower Upper
 75 100
 77 42.0 25.3 37.9#
 39 46.3 46.7 70.1#

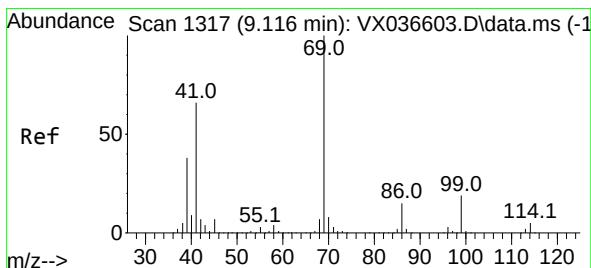
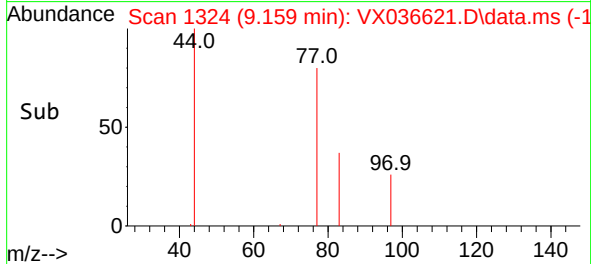
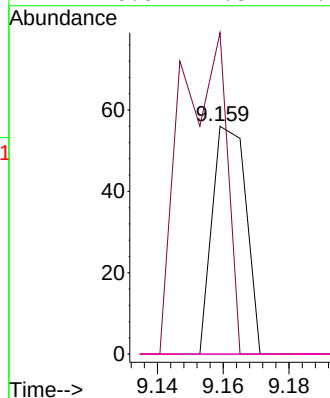
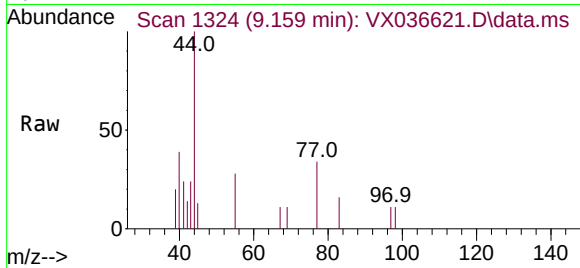




#55
1,1,2-Trichloroethane
Concen: 0.015 ug/l
RT: 9.159 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

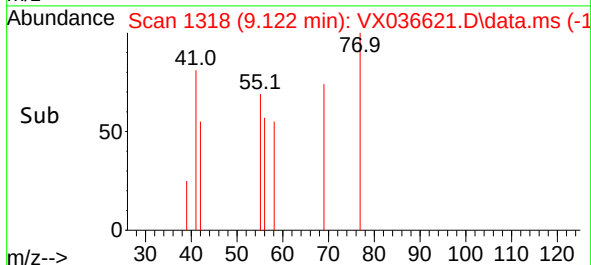
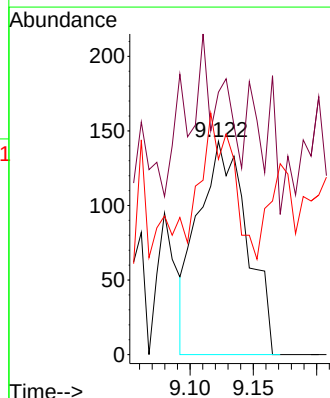
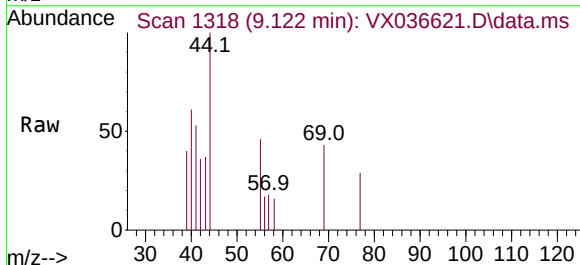
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

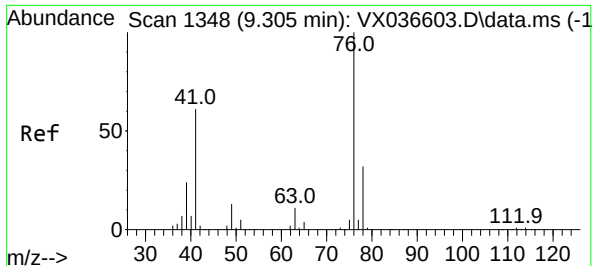
Tgt Ion:	97	Resp:	40
Ion	Ratio	Lower	Upper
97	100		
83	141.1	65.8	98.8#
85	0.0	41.6	62.4#
99	0.0	47.8	71.8#



#56
Ethyl methacrylate
Concen: 0.091 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion:	69	Resp:	384
Ion	Ratio	Lower	Upper
69	100		
41	27.1	56.8	85.2#
39	45.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 0.033 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

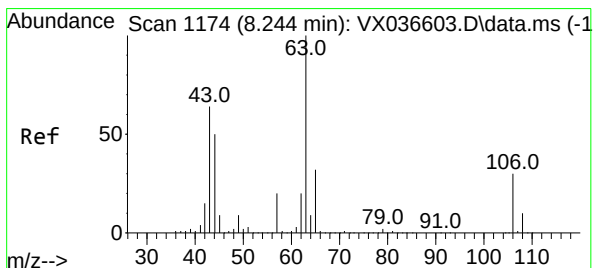
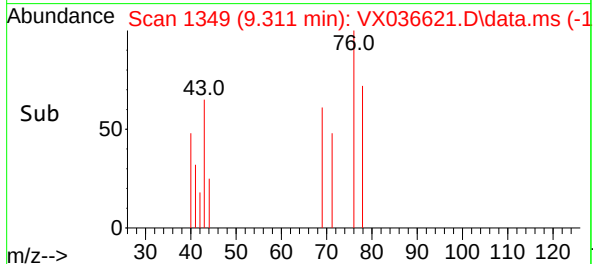
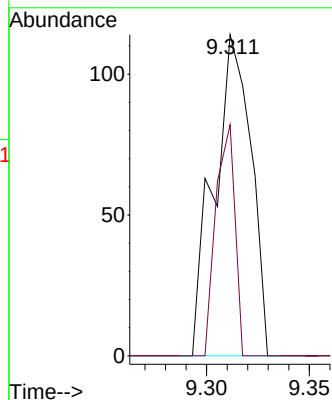
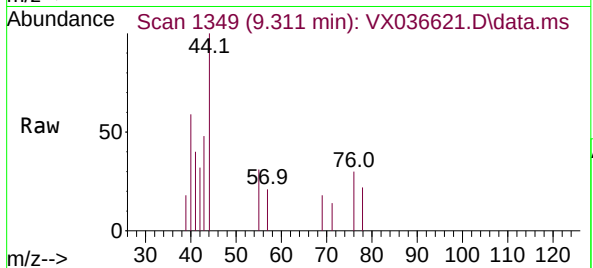
VX0724MBL01

Tgt Ion: 76 Resp: 143

Ion Ratio Lower Upper

76 100

78 37.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.171 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX036621.D

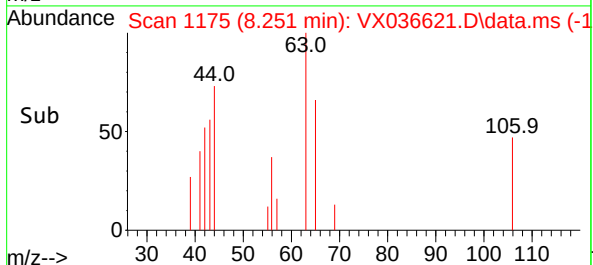
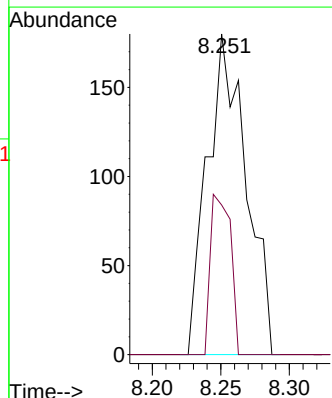
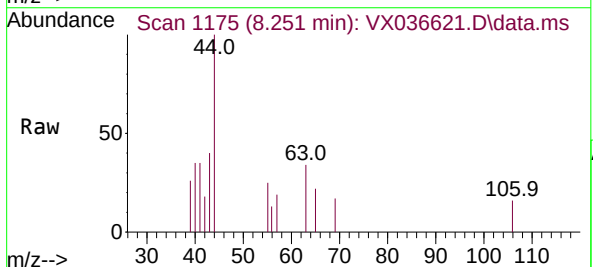
Acq: 24 Jul 2023 10:54

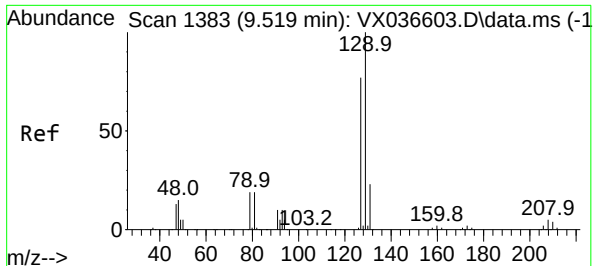
Tgt Ion: 63 Resp: 355

Ion Ratio Lower Upper

63 100

106 25.6 22.5 33.7

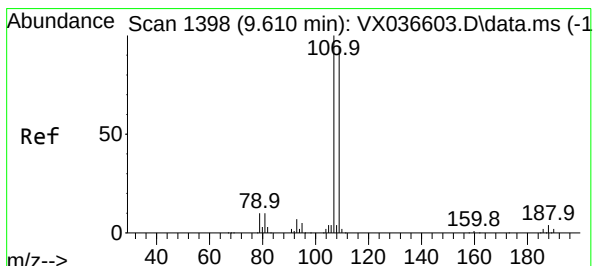
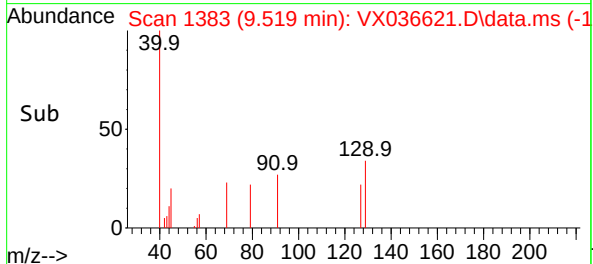
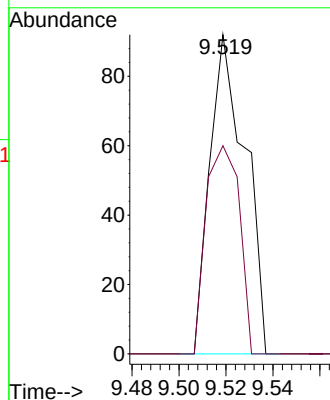
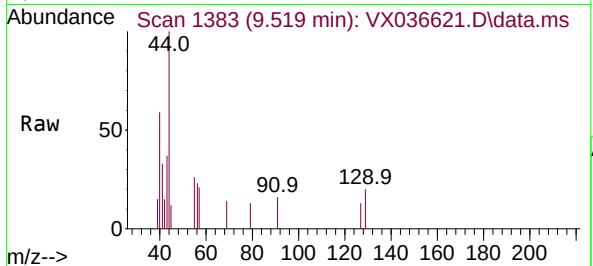




#60
Dibromochloromethane
Concen: 0.034 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

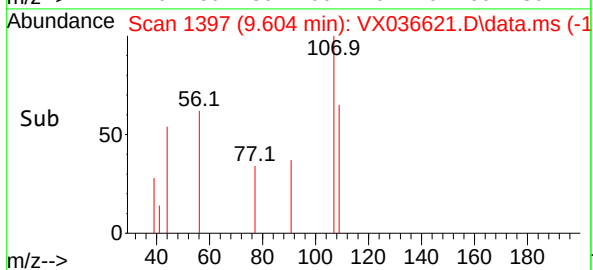
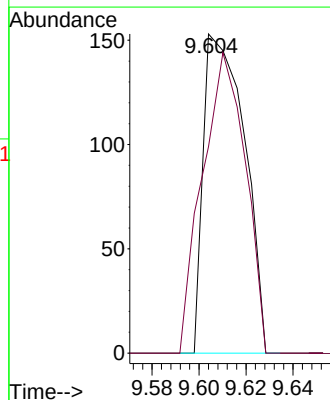
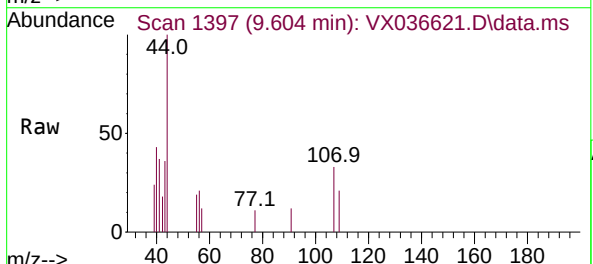
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

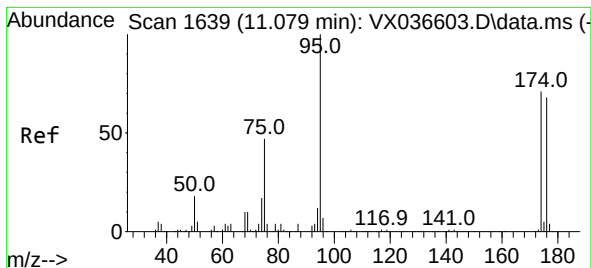
Tgt Ion:129 Resp: 96
Ion Ratio Lower Upper
129 100
127 61.5 38.8 116.4



#61
1,2-Dibromoethane
Concen: 0.069 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion:107 Resp: 185
Ion Ratio Lower Upper
107 100
109 98.9 75.2 112.8

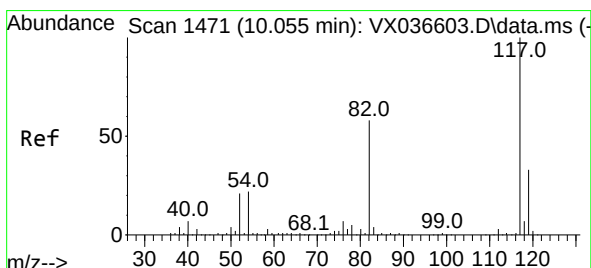
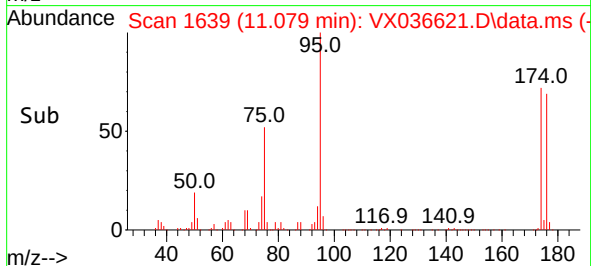
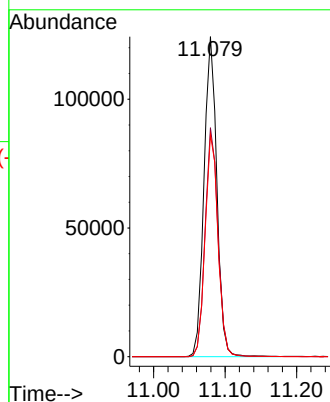
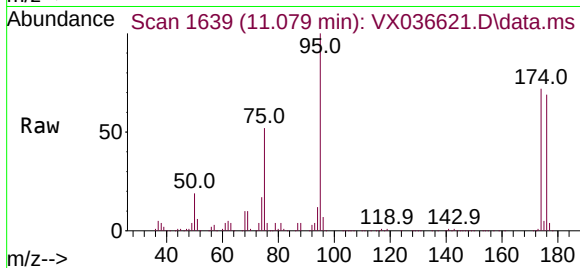




#62
4-Bromofluorobenzene
Concen: 51.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

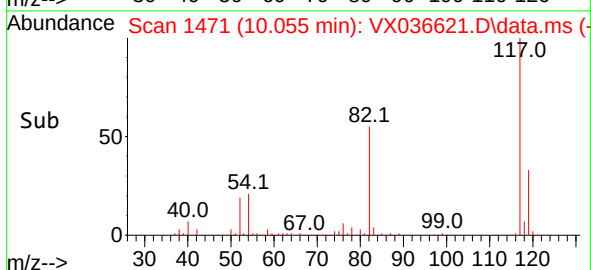
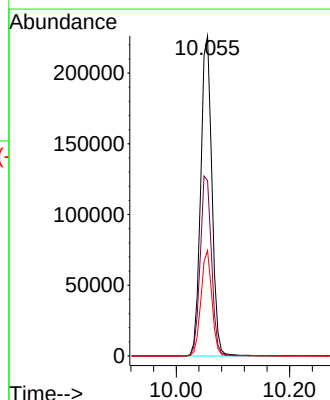
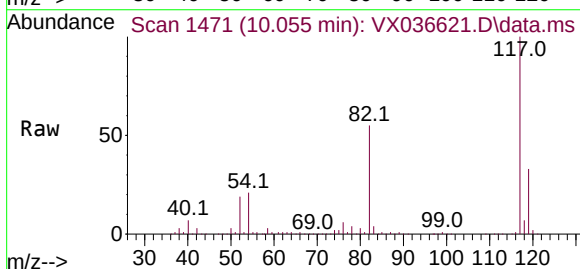
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

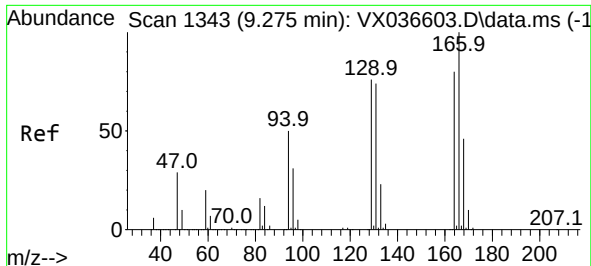
Tgt Ion: 95 Resp: 154973
Ion Ratio Lower Upper
95 100
174 71.5 0.0 135.6
176 70.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

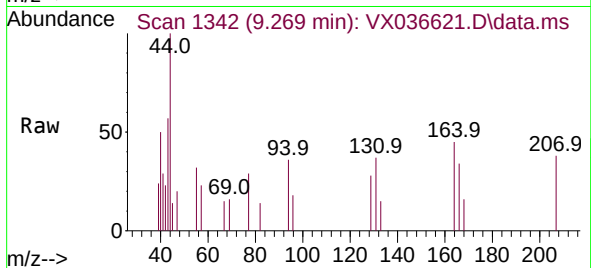
Tgt Ion: 117 Resp: 308926
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.9 25.5 38.3



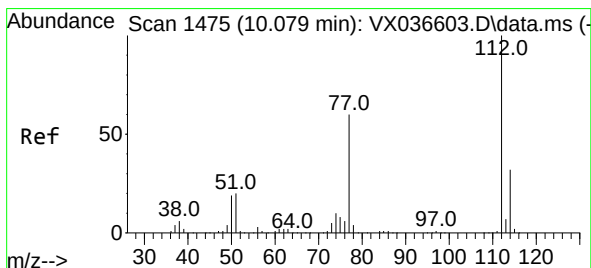
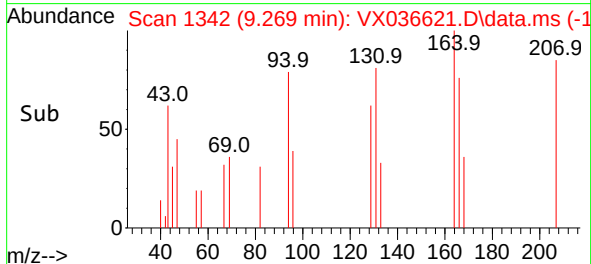
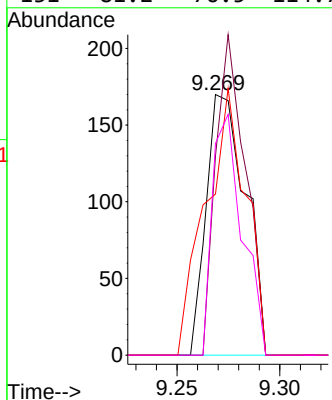


#64
Tetrachloroethene
Concen: 0.098 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

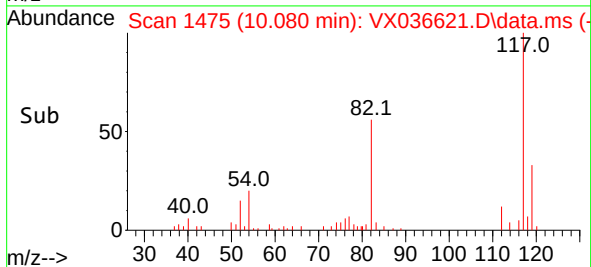
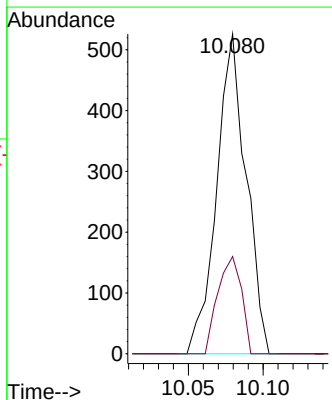
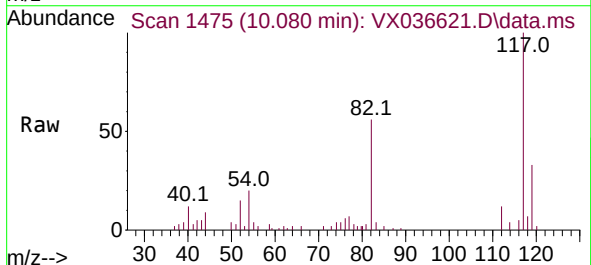


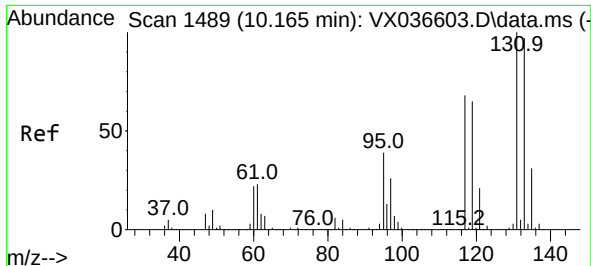
Tgt Ion:164 Resp: 226
Ion Ratio Lower Upper
164 100
166 76.5 102.7 154.1#
129 61.8 80.4 120.6#
131 81.2 76.5 114.7



#65
Chlorobenzene
Concen: 0.106 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion:112 Resp: 720
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5

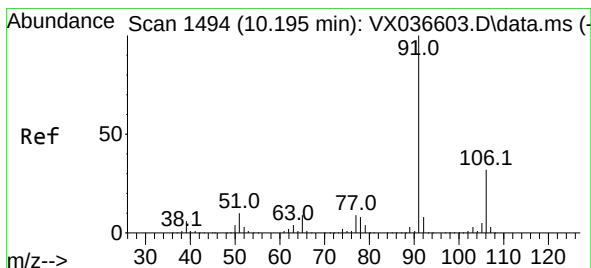
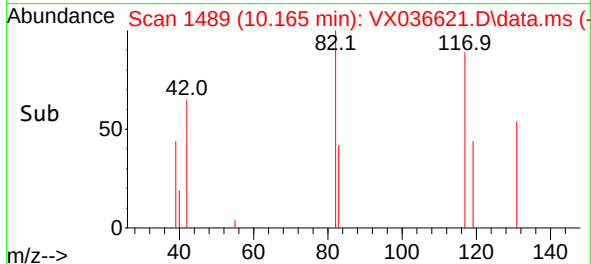
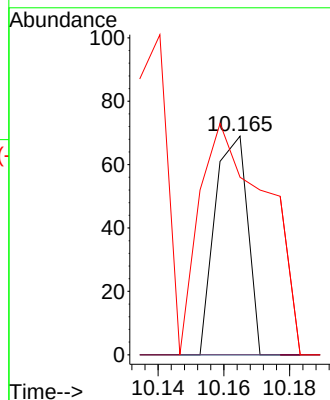
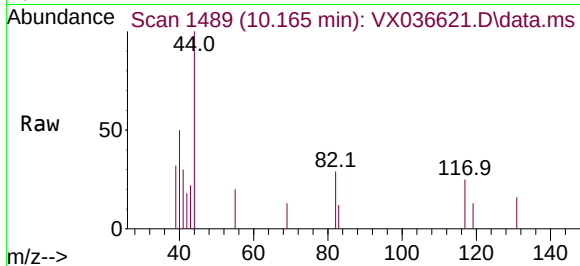




#66
1,1,1,2-Tetrachloroethane
Concen: 0.018 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

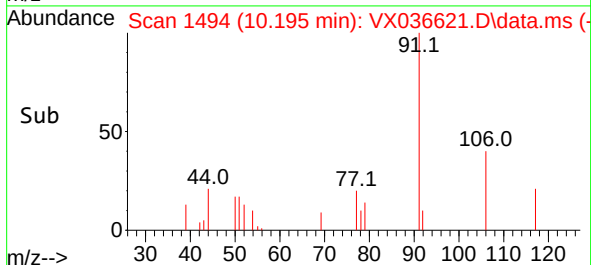
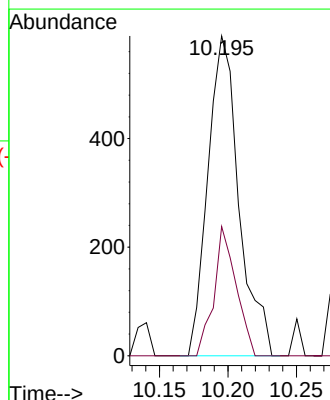
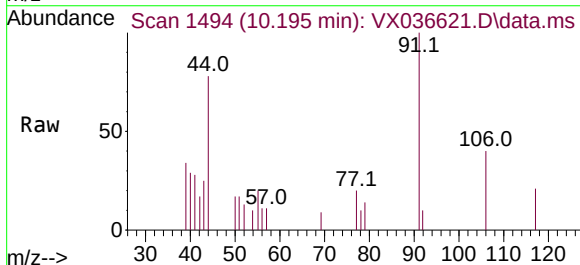
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

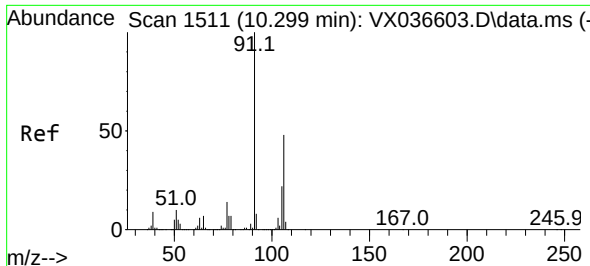
Tgt Ion:131 Resp: 48
Ion Ratio Lower Upper
131 100
133 0.0 47.1 141.4#
119 0.0 32.2 96.6#



#67
Ethyl Benzene
Concen: 0.075 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 91 Resp: 930
Ion Ratio Lower Upper
91 100
106 40.4 24.9 37.3#

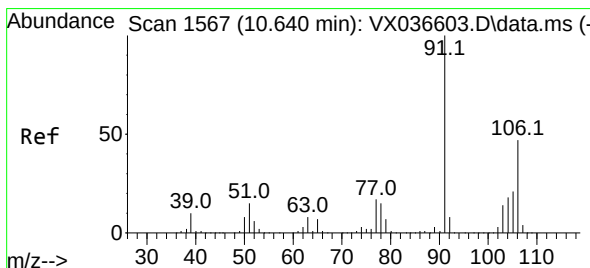
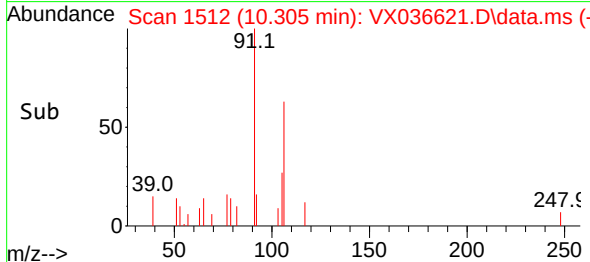
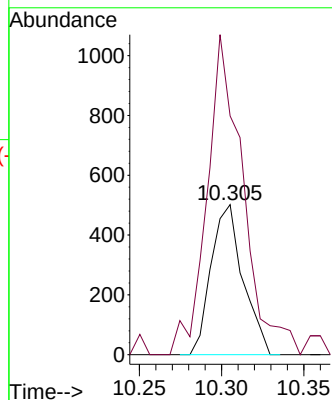
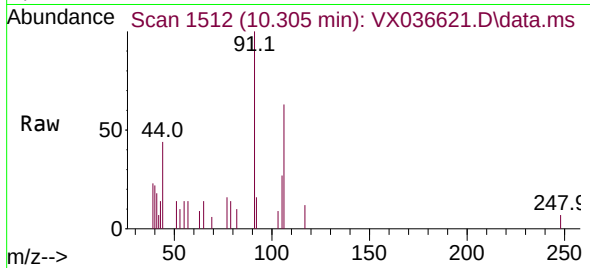




#68
m/p-Xylenes
Concen: 0.146 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

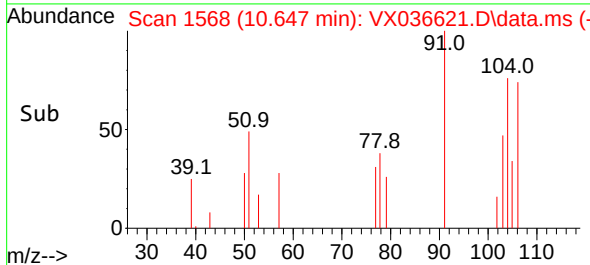
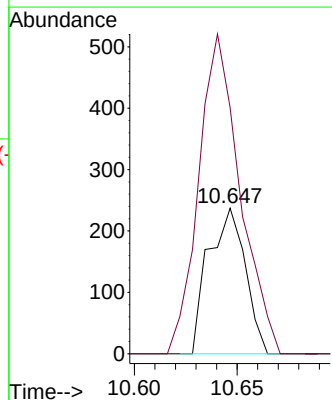
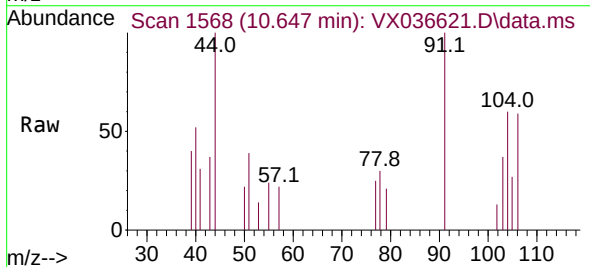
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

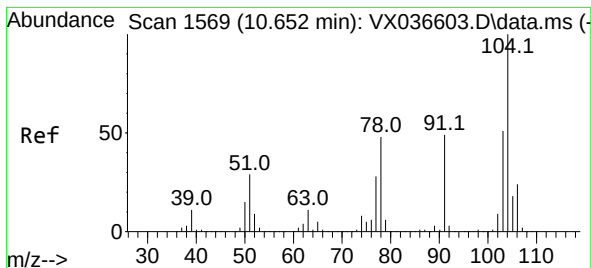
Tgt Ion:106 Resp: 677
Ion Ratio Lower Upper
106 100
91 240.2 165.5 248.3



#69
o-Xylene
Concen: 0.064 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion:106 Resp: 295
Ion Ratio Lower Upper
106 100
91 246.4 108.9 326.8





#70

Styrene

Concen: 0.102 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0724MBL01

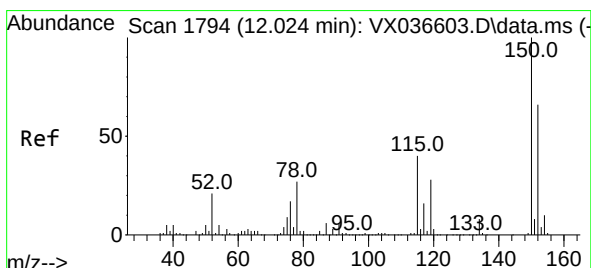
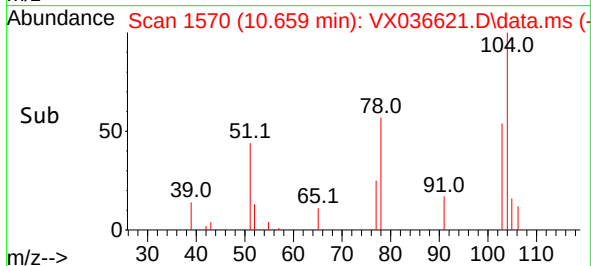
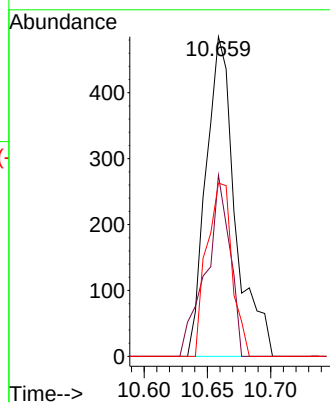
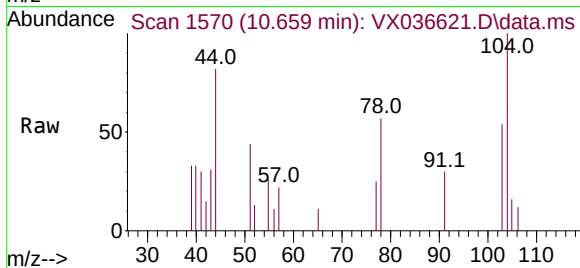
Tgt Ion:104 Resp: 782

Ion Ratio Lower Upper

104 100

78 46.0 43.6 65.4

103 46.9 43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

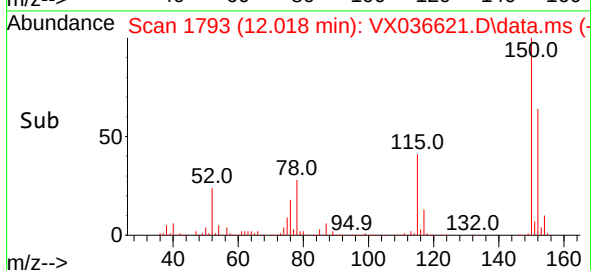
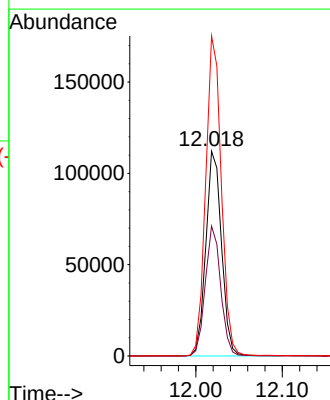
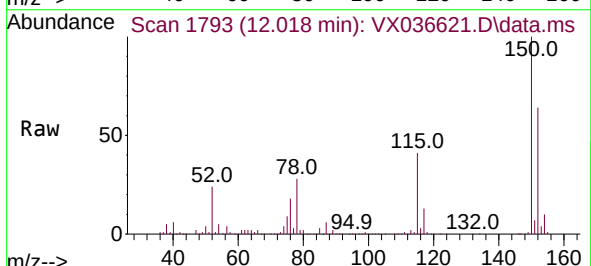
Tgt Ion:152 Resp: 141089

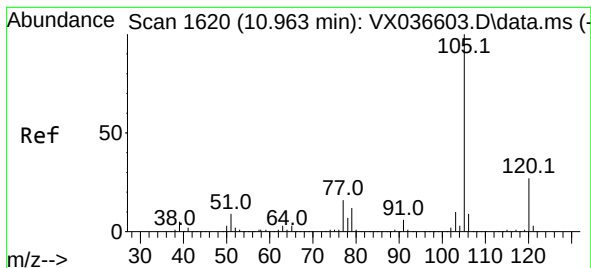
Ion Ratio Lower Upper

152 100

115 62.4 43.3 129.9

150 155.6 0.0 345.0





#73

Isopropylbenzene

Concen: 0.077 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

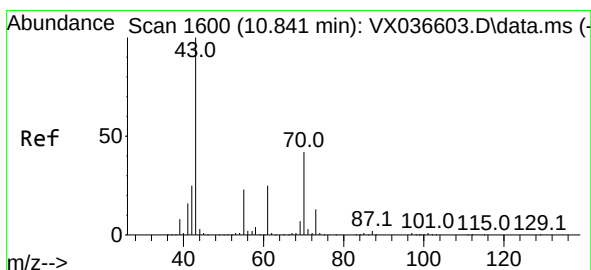
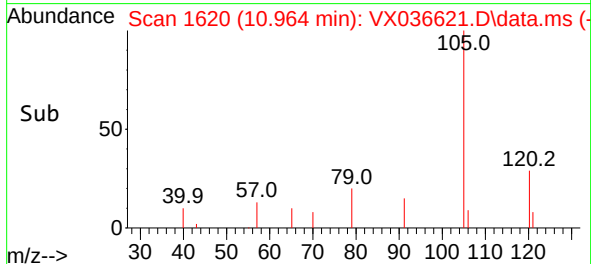
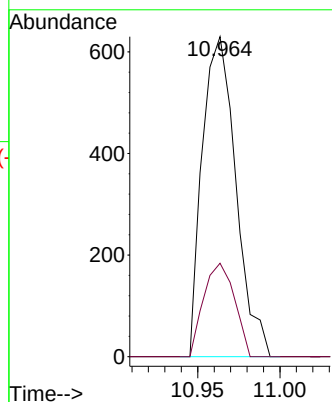
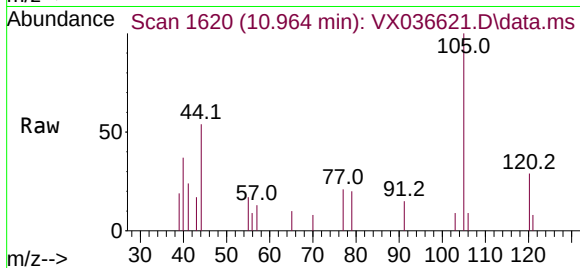
VX0724MBL01

Tgt Ion:105 Resp: 896

Ion Ratio Lower Upper

105 100

120 26.8 12.9 38.6



#74

N-ethyl acetate

Concen: 0.096 ug/l

RT: 10.836 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Tgt Ion: 43 Resp: 522

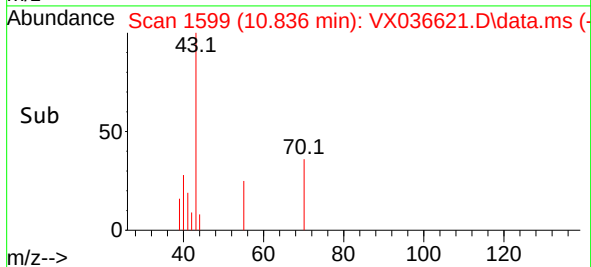
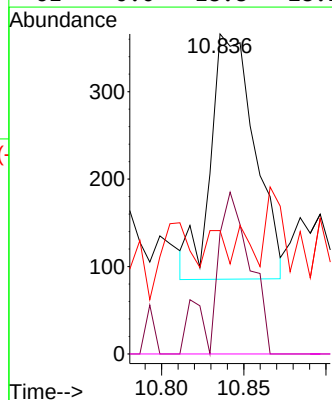
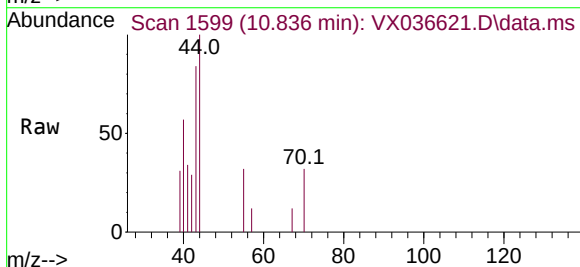
Ion Ratio Lower Upper

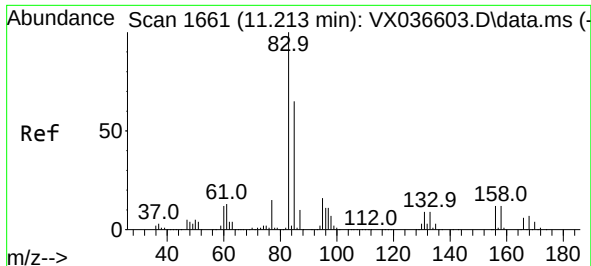
43 100

70 54.2 32.9 49.3#

55 8.6 19.3 28.9#

61 0.0 18.8 28.2#

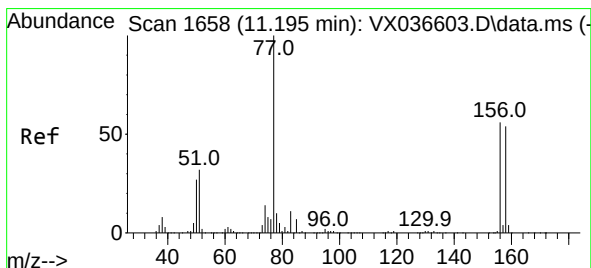
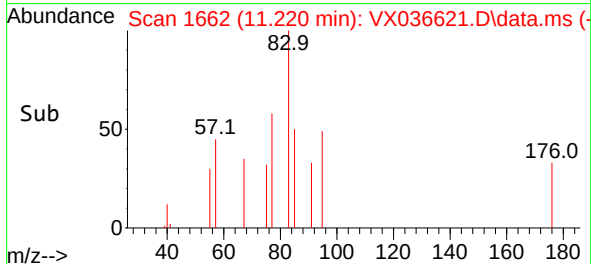
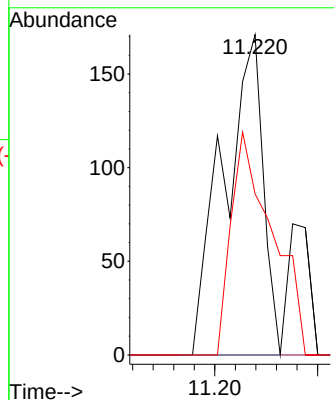
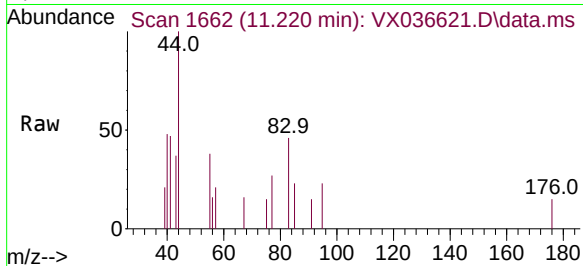




#75
1,1,2,2-Tetrachloroethane
Concen: 0.058 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

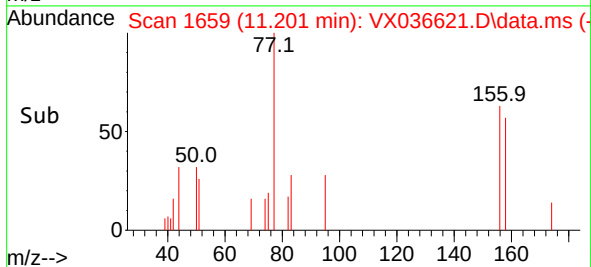
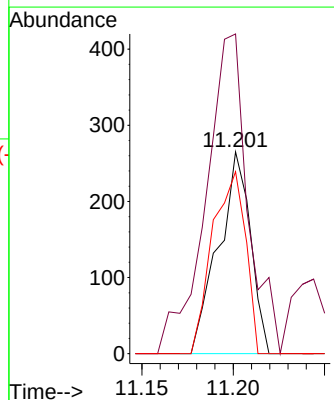
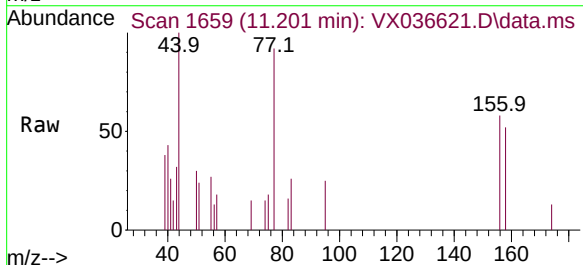
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

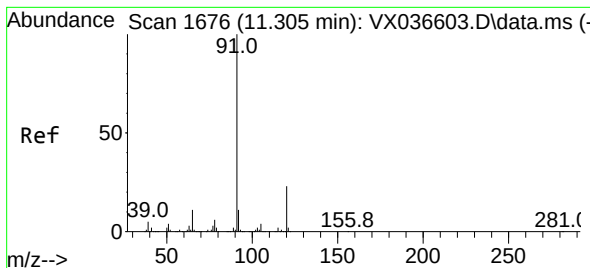
Tgt Ion: 83 Resp: 229
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 72.5 32.0 96.2



#77
Bromobenzene
Concen: 0.121 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 156 Resp: 322
Ion Ratio Lower Upper
156 100
77 209.3 88.4 265.3
158 93.5 48.0 144.0

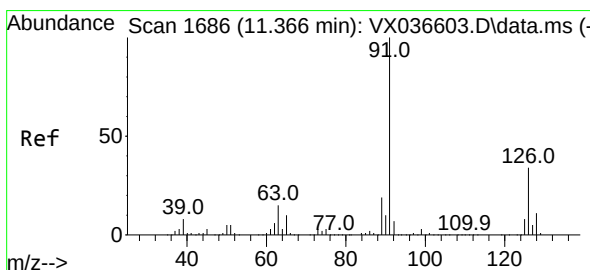
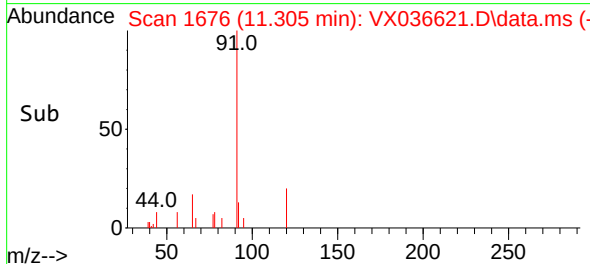
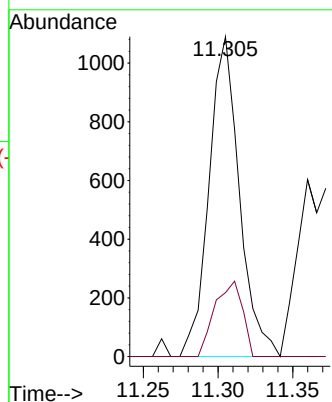
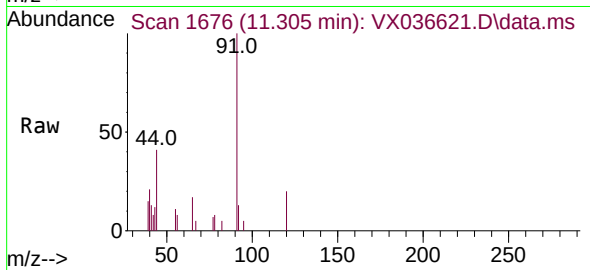




#78
n-propylbenzene
Concen: 0.114 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

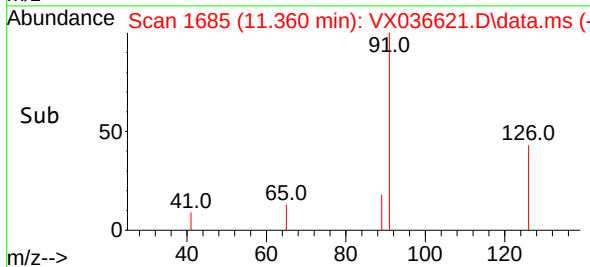
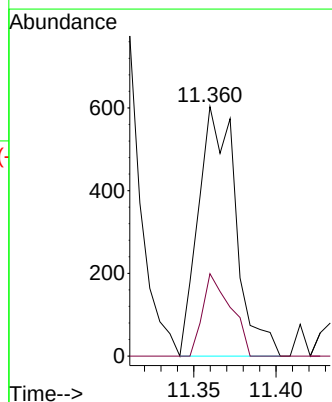
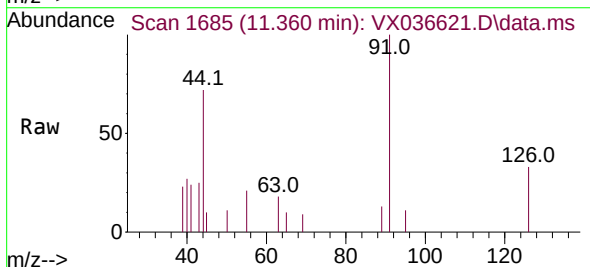
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

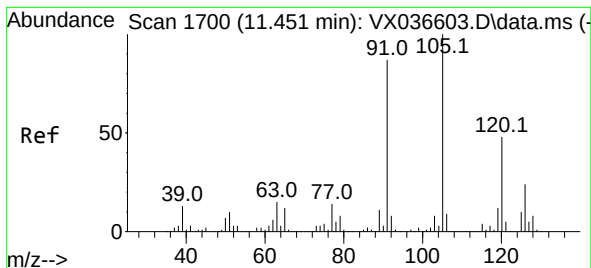
Tgt Ion: 91 Resp: 1539
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.117 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 91 Resp: 957
Ion Ratio Lower Upper
91 100
126 24.7 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.084 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

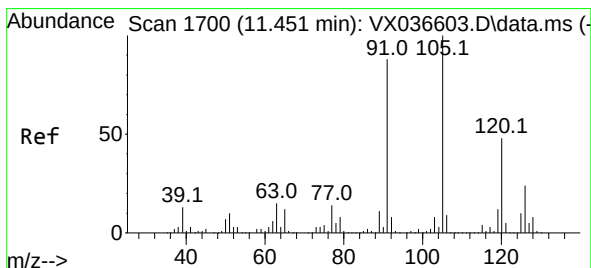
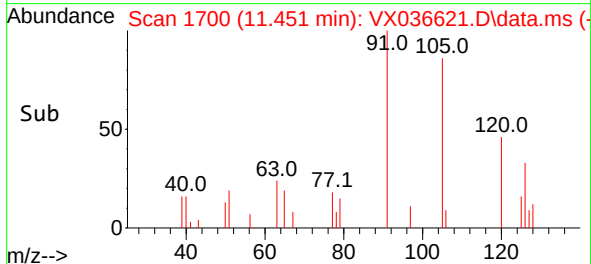
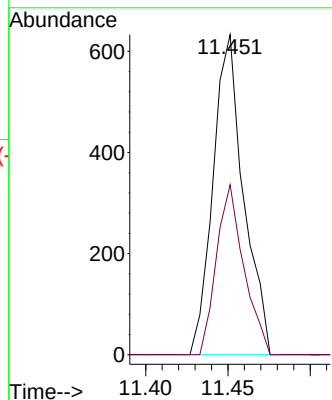
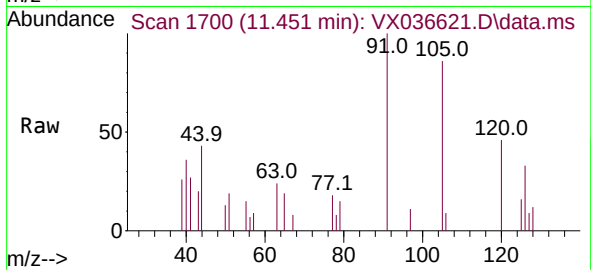
VX0724MBL01

Tgt Ion:105 Resp: 816

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.3



#82

4-Chlorotoluene

Concen: 0.159 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX036621.D

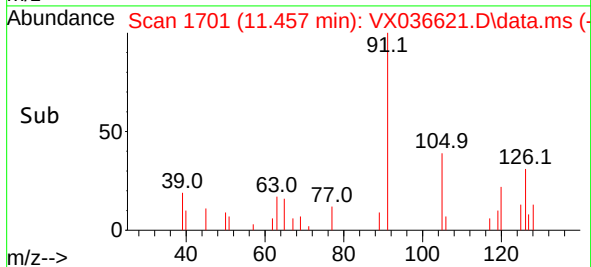
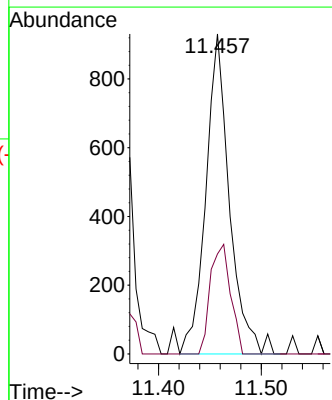
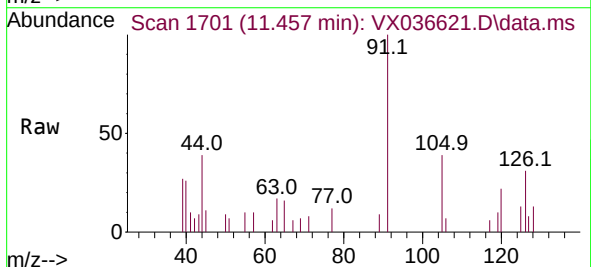
Acq: 24 Jul 2023 10:54

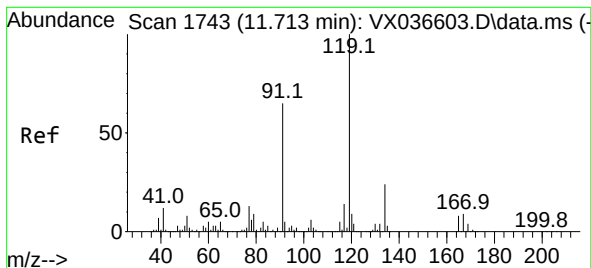
Tgt Ion: 91 Resp: 1487

Ion Ratio Lower Upper

91 100

126 29.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.103 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

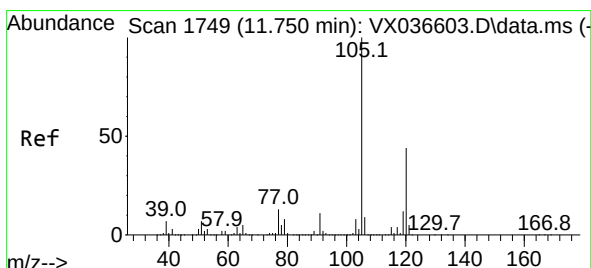
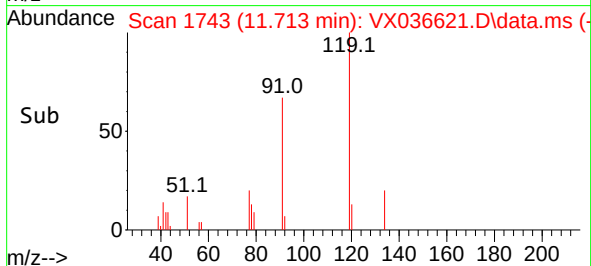
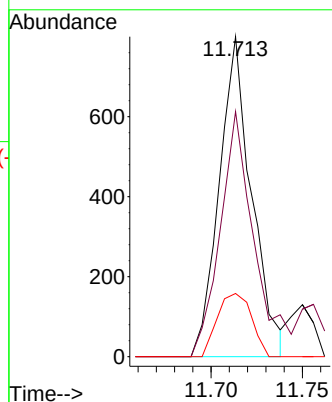
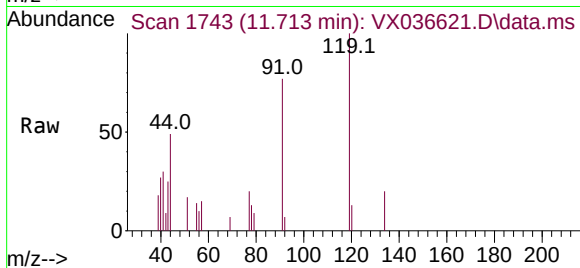
Instrument :

MSVOA_X

ClientSampleId :

VX0724MBL01

Tgt Ion:	119	Resp:	988
Ion	Ratio	Lower	Upper
119	100		
91	80.0	31.2	93.6
134	20.9	11.7	35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.099 ug/l

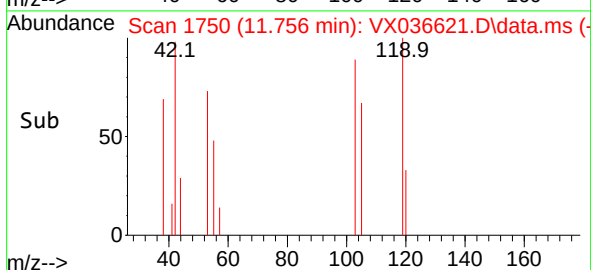
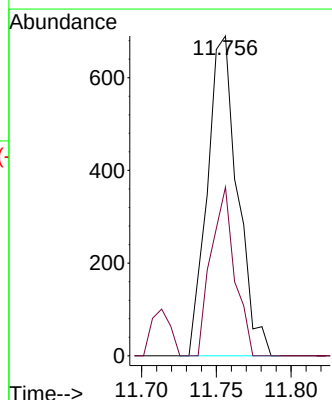
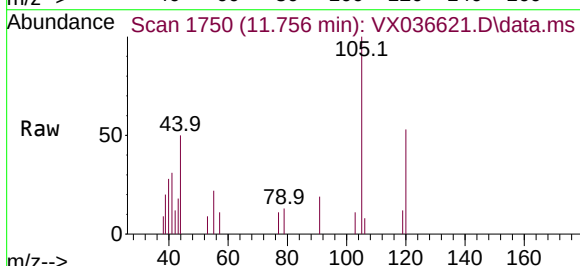
RT: 11.756 min Scan# 1750

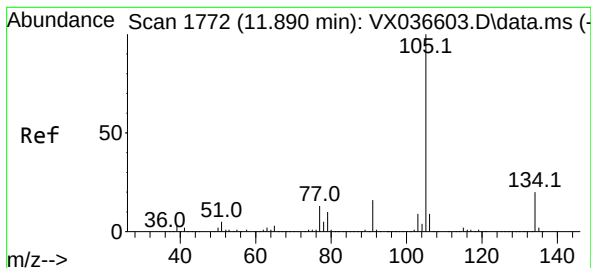
Delta R.T. 0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Tgt Ion:	105	Resp:	972
Ion	Ratio	Lower	Upper
105	100		
120	41.0	21.2	63.6





#85

sec-Butylbenzene

Concen: 0.139 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

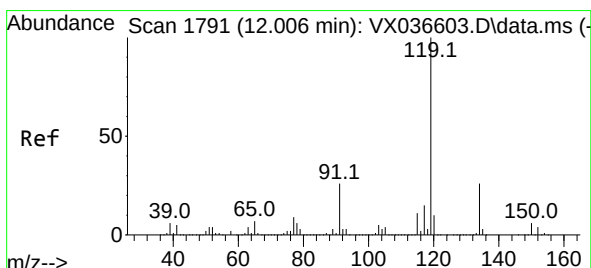
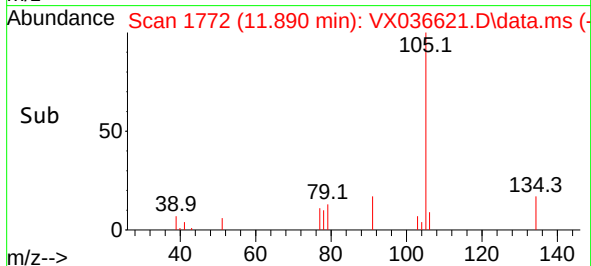
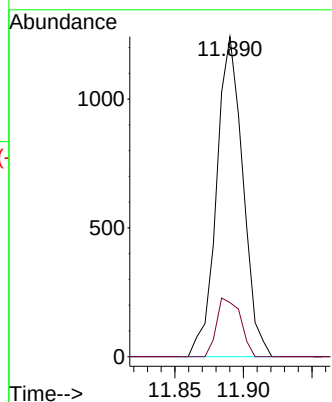
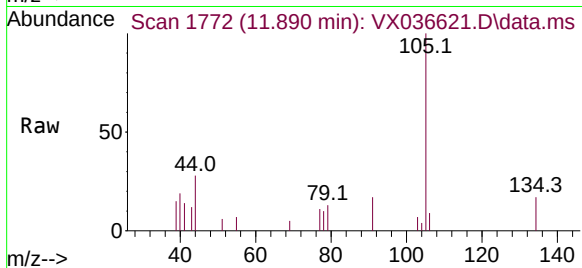
VX0724MBL01

Tgt Ion:105 Resp: 1661

Ion Ratio Lower Upper

105 100

134 16.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.121 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

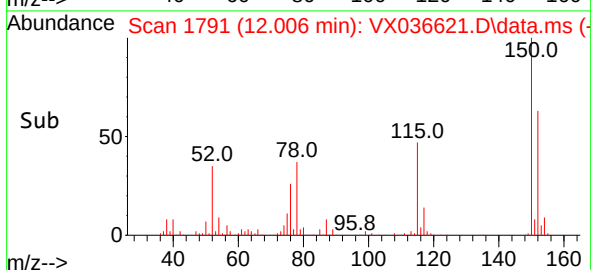
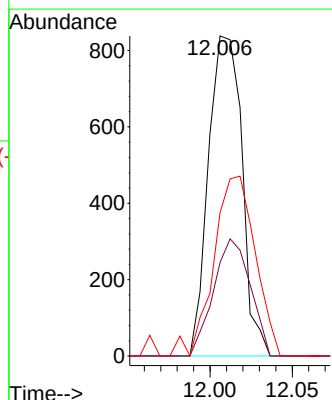
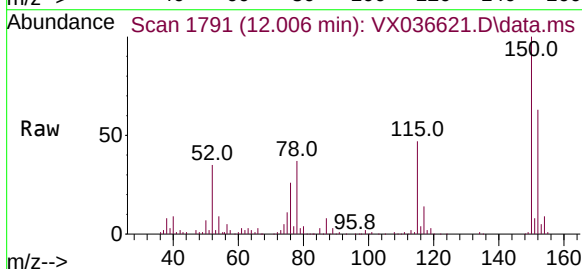
Tgt Ion:119 Resp: 1187

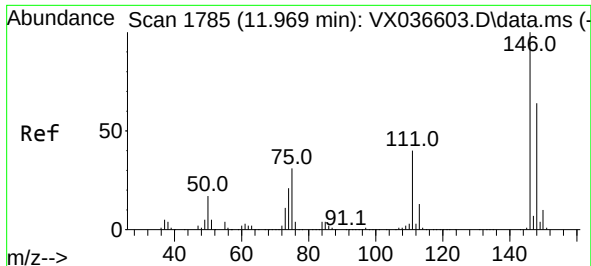
Ion Ratio Lower Upper

119 100

134 40.3 12.8 38.3#

91 69.8 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.195 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0724MBL01

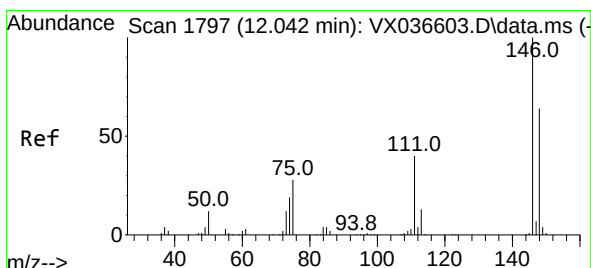
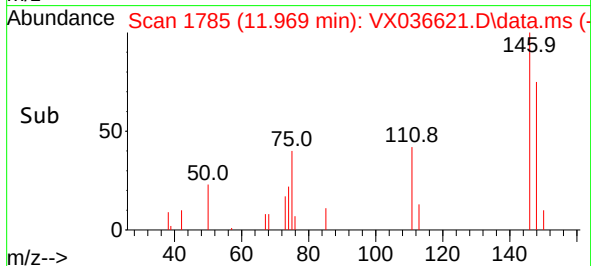
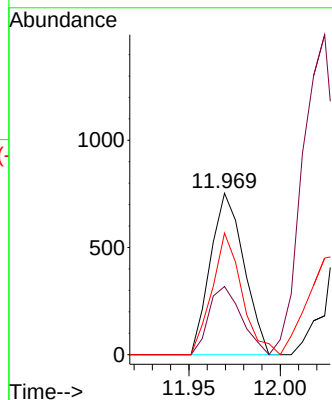
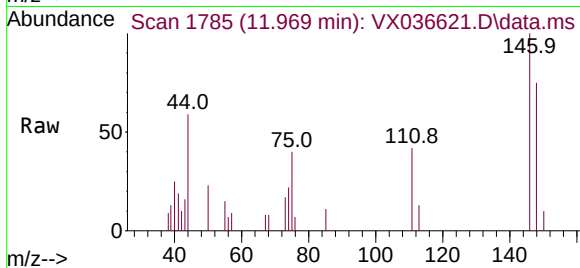
Tgt Ion:146 Resp: 961

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.1

148 66.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.197 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

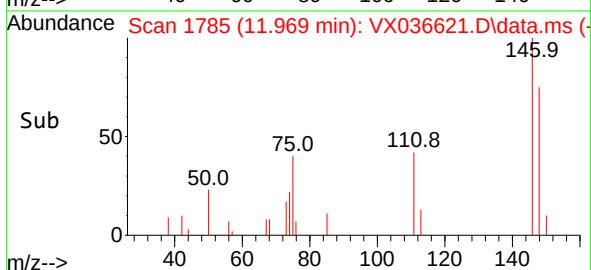
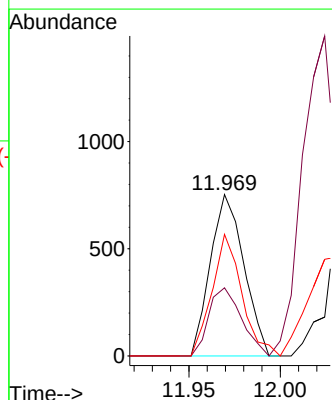
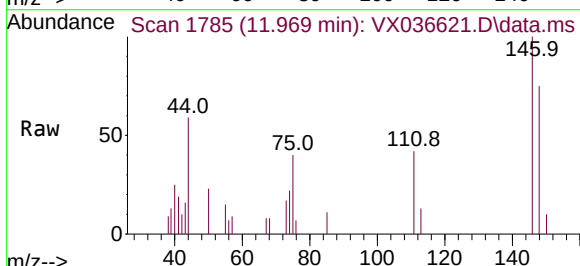
Tgt Ion:146 Resp: 961

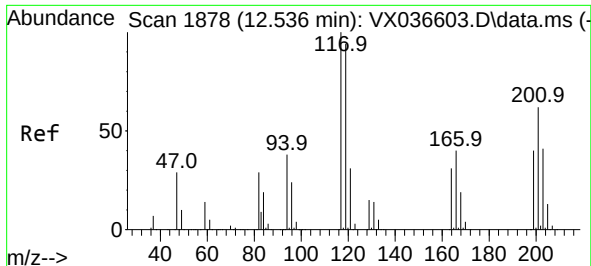
Ion Ratio Lower Upper

146 100

111 41.2 21.3 63.7

148 66.9 31.8 95.4

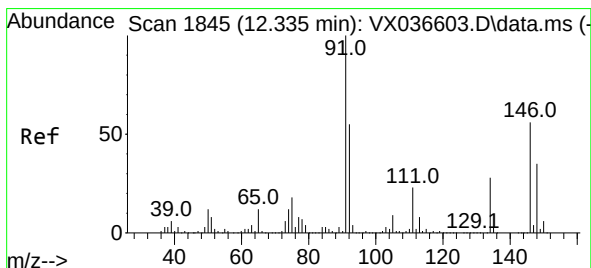
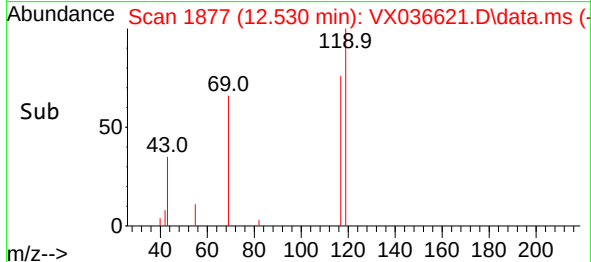
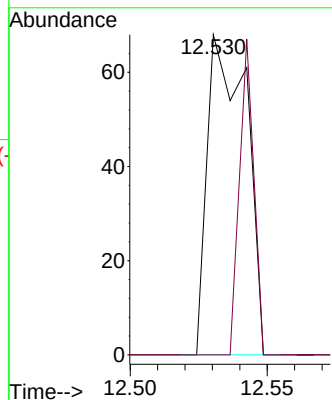
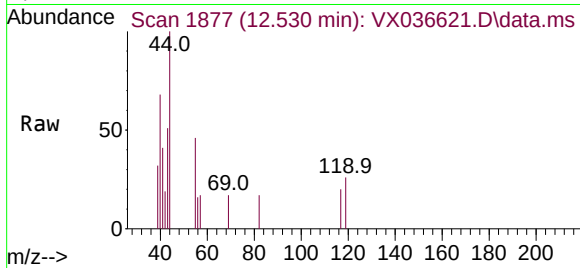




#90
Hexachloroethane
Concen: 0.034 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

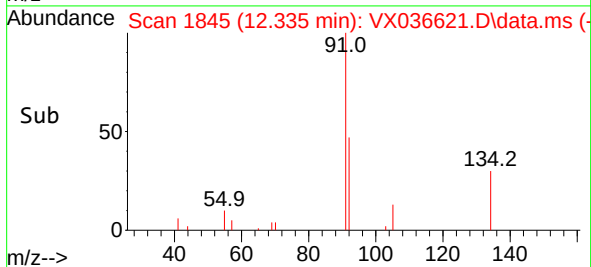
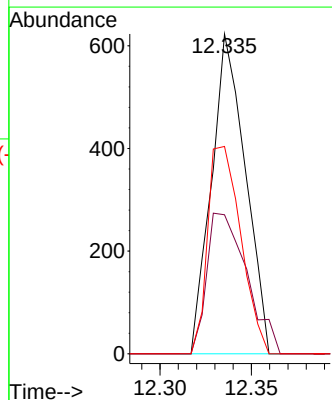
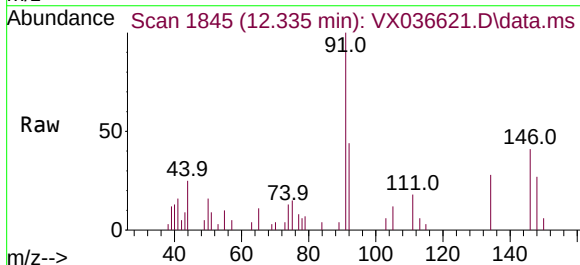
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

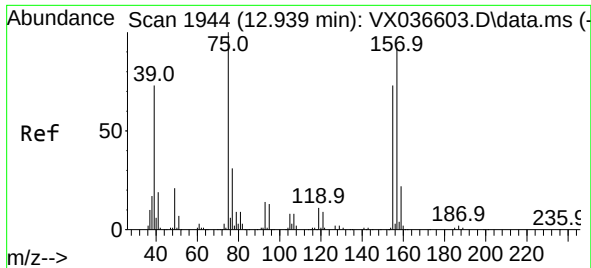
Tgt Ion:117 Resp: 67
Ion Ratio Lower Upper
117 100
201 37.3 32.9 98.6



#91
1,2-Dichlorobenzene
Concen: 0.169 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion:146 Resp: 803
Ion Ratio Lower Upper
146 100
111 51.8 22.4 67.0
148 63.6 31.6 95.0





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.062 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX036621.D
 Acq: 24 Jul 2023 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724MBL01

Tgt Ion: 75 Resp: 57
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.1 108.5#
 157 49.1 44.9 134.7

