

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032204.D
 Acq On : 19 Oct 2022 13:41
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 19 16:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	76747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	113927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80435	80.564	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	161.120%#
35) Dibromofluoromethane	5.391	113	65489	82.607	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	165.220%#
50) Toluene-d8	8.647	98	234517	82.178	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	164.360%#
62) 4-Bromofluorobenzene	11.079	95	80953	77.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	154.940%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	345	0.491	ug/l	90
3) Chloromethane	1.288	50	553	Below Cal	#	84
4) Vinyl Chloride	1.374	62	342	0.452	ug/l	# 73
5) Bromomethane	1.617	94	444	0.561	ug/l	# 68
6) Chloroethane	1.697	64	293	2.324	ug/l	# 41
7) Trichlorofluoromethane	1.886	101	579	0.431	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	432	0.593	ug/l	94
10) Methyl Iodide	2.453	142	881	0.836	ug/l	# 91
11) Tert butyl alcohol	2.947	59	3476	1.793	ug/l	# 74
12) 1,1-Dichloroethene	2.319	96	343	0.501	ug/l	87
13) Acrolein	2.239	56	154	1.267	ug/l	# 81
14) Allyl chloride	2.654	41	400	0.372	ug/l	# 79
15) Acrylonitrile	3.068	53	754	2.014	ug/l	93
16) Acetone	2.380	43	735	2.269	ug/l	# 87
17) Carbon Disulfide	2.514	76	4392	2.739	ug/l	96
18) Methyl Acetate	2.709	43	286	0.260	ug/l	# 50
20) Methylene Chloride	2.788	84	938	1.127	ug/l	# 74
21) trans-1,2-Dichloroethene	3.099	96	812	1.088	ug/l	# 91
23) Vinyl Acetate	3.745	43	1040	0.552	ug/l	# 71
25) 2-Butanone	4.593	43	706	1.396	ug/l	# 48
27) cis-1,2-Dichloroethene	4.495	96	340	0.389	ug/l	92
28) Bromochloromethane	4.897	49	128	0.228	ug/l	# 9
29) Tetrahydrofuran	5.038	42	195	0.597	ug/l	# 31
31) Cyclohexane	5.477	56	509	0.446	ug/l	# 63
36) 1,1-Dichloropropene	5.696	75	705	0.691	ug/l	# 76
38) Carbon Tetrachloride	5.684	117	331	0.307	ug/l	# 57
39) Methylcyclohexane	7.385	83	745	0.612	ug/l	# 82
40) Benzene	6.031	78	662	0.224	ug/l	# 52
42) 1,2-Dichloroethane	6.092	62	477	0.421	ug/l	# 76
44) Trichloroethene	7.135	130	518	0.636	ug/l	64
46) Dibromomethane	7.586	93	198	0.356	ug/l	# 84
51) 4-Methyl-2-Pentanone	8.592	43	344	0.350	ug/l	# 74
52) Toluene	8.720	92	666	0.348	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	422	2.170	ug/l	# 69
54) cis-1,3-Dichloropropene	8.372	75	326	0.285	ug/l	# 67
58) 2-Chloroethyl Vinyl ether	8.250	63	390	0.760	ug/l	# 69

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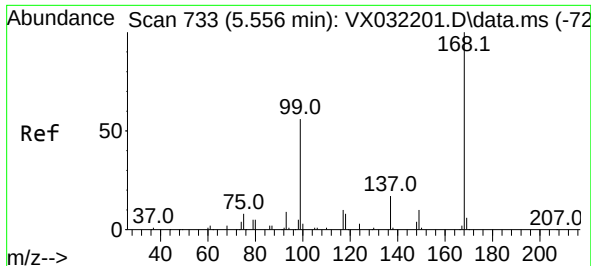
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	9.439	43	332	0.453	ug/l #	58
60) Dibromochloromethane	9.275	129	522	0.655	ug/l #	11
61) 1,2-Dibromoethane	9.616	107	246	0.298	ug/l	97
64) Tetrachloroethene	9.269	164	557	0.708	ug/l #	73
65) Chlorobenzene	10.085	112	921	0.377	ug/l	90
67) Ethyl Benzene	10.195	91	1591	0.368	ug/l	89
68) m/p-Xylenes	10.305	106	1281	0.750	ug/l	100
69) o-Xylene	10.646	106	425	0.260	ug/l	93
70) Styrene	10.659	104	952	0.345	ug/l #	90
71) Bromoform	10.799	173	23	2.171	ug/l #	29
73) Isopropylbenzene	10.963	105	1419	0.257	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	43253	28.264	ug/l #	45
77) Bromobenzene	11.195	156	383	0.284	ug/l	90
78) n-propylbenzene	11.305	91	2213	0.351	ug/l	97
79) 2-Chlorotoluene	11.372	91	1321	0.347	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	1359	0.286	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	43253	86.655	ug/l #	6
82) 4-Chlorotoluene	11.457	91	1797	0.406	ug/l	82
83) tert-Butylbenzene	11.713	119	1175	0.247	ug/l	86
84) 1,2,4-Trimethylbenzene	11.750	105	1374	0.297	ug/l	97
85) sec-Butylbenzene	11.890	105	1929	0.335	ug/l	99
86) p-Isopropyltoluene	12.012	119	1817	0.371	ug/l #	84
87) 1,3-Dichlorobenzene	11.969	146	1319	0.507	ug/l	88
88) 1,4-Dichlorobenzene	11.969	146	1319	0.494	ug/l	88
89) n-Butylbenzene	12.335	91	2258	0.523	ug/l	99
90) Hexachloroethane	12.536	117	201	0.264	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	932	0.365	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1529	0.920	ug/l	91
94) Hexachlorobutadiene	13.725	225	1147	1.591	ug/l	95
95) Naphthalene	13.780	128	3648	0.685	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1326	0.793	ug/l	90

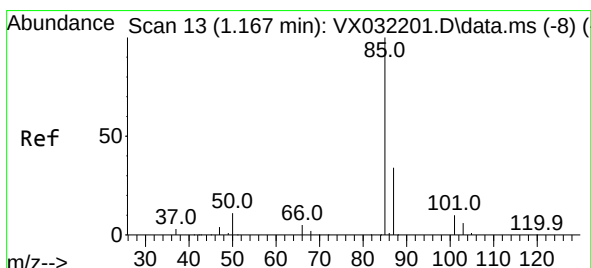
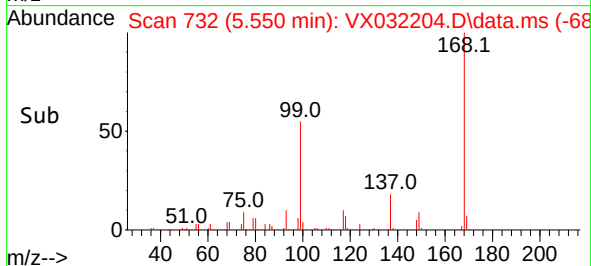
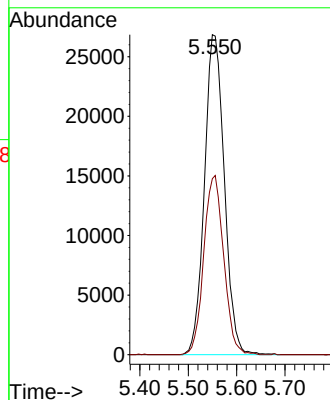
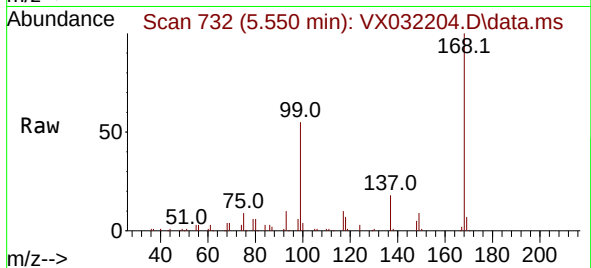
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032204.D
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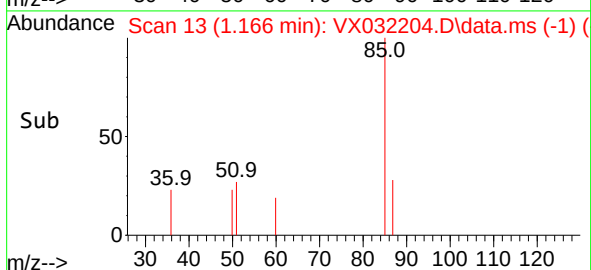
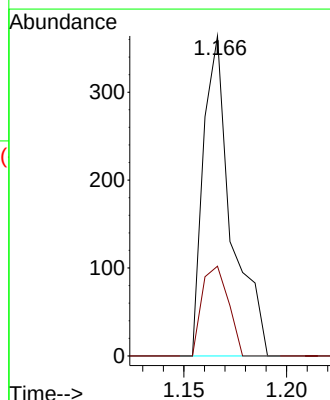
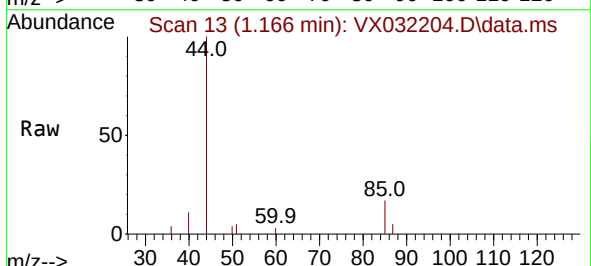
Instrument :
MSVOA_X
ClientSampleId :
IBLK

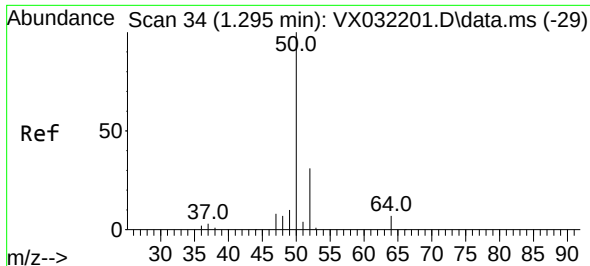
Tgt Ion:168 Resp: 76747
Ion Ratio Lower Upper
168 100
99 55.0 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 0.491 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 85 Resp: 345
Ion Ratio Lower Upper
85 100
87 28.0 16.8 50.4

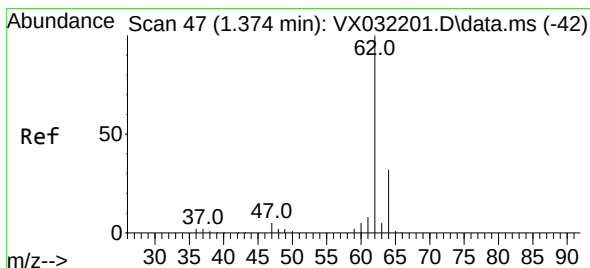
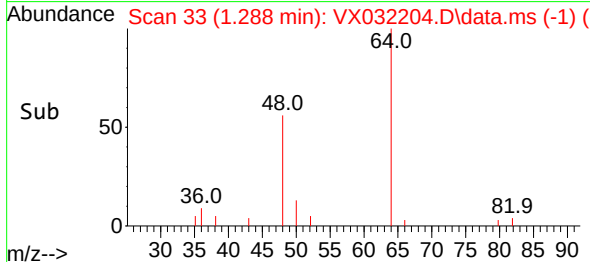
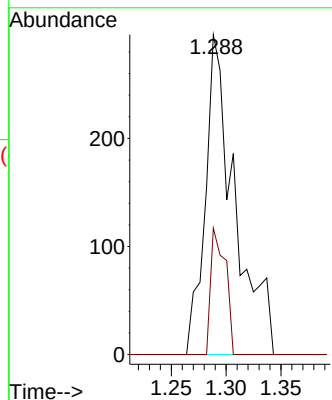
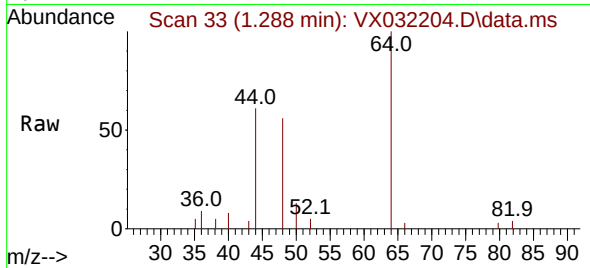




#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

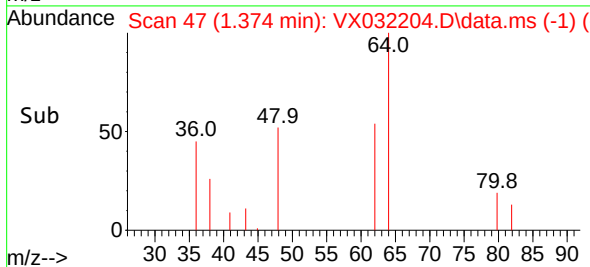
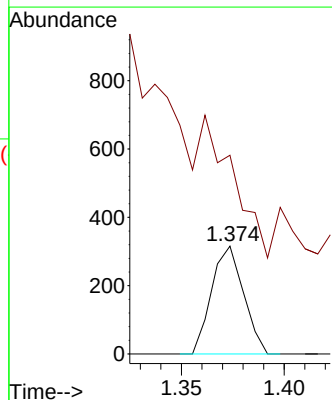
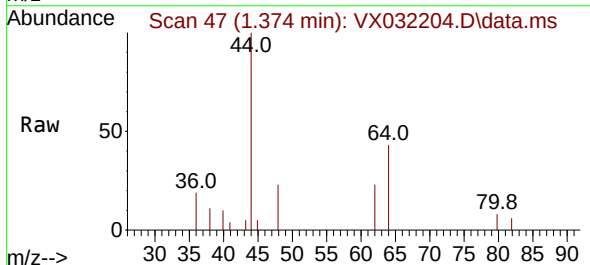
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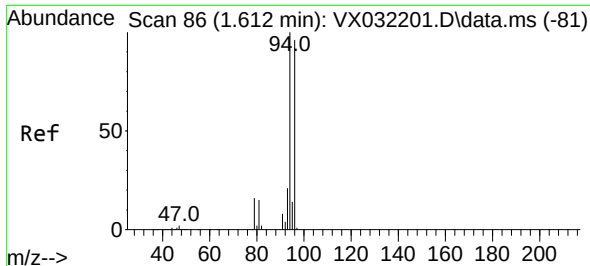
Tgt Ion: 50 Resp: 553
Ion Ratio Lower Upper
50 100
52 39.5 24.7 37.1#



#4
Vinyl Chloride
Concen: 0.452 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 62 Resp: 342
Ion Ratio Lower Upper
62 100
64 48.4 26.6 39.8#

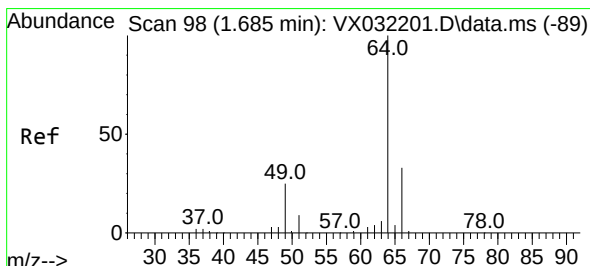
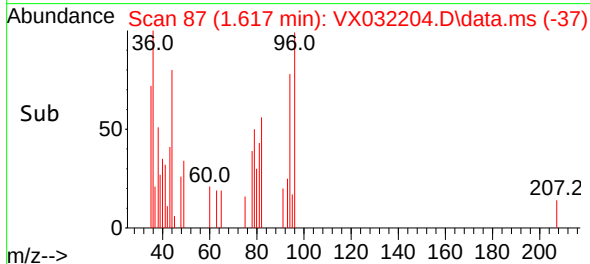
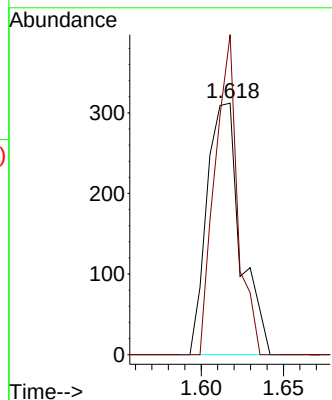
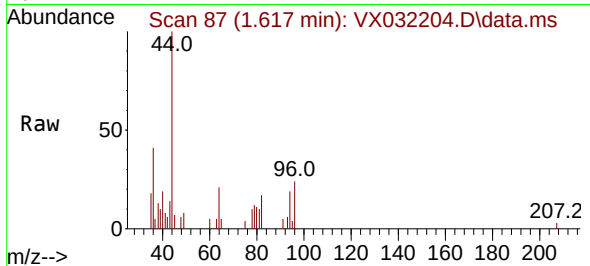




#5
Bromomethane
Concen: 0.561 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.005 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

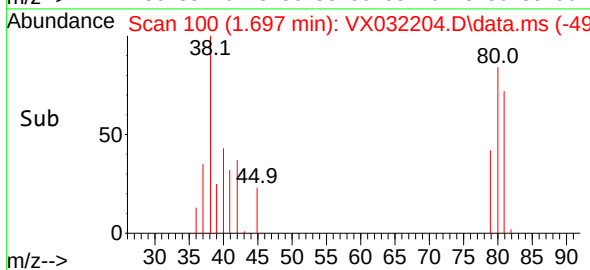
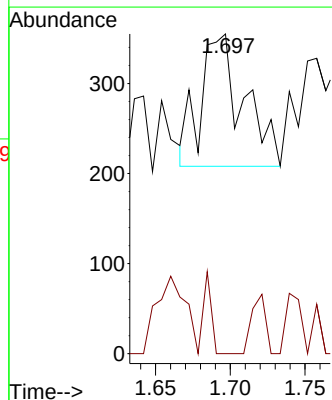
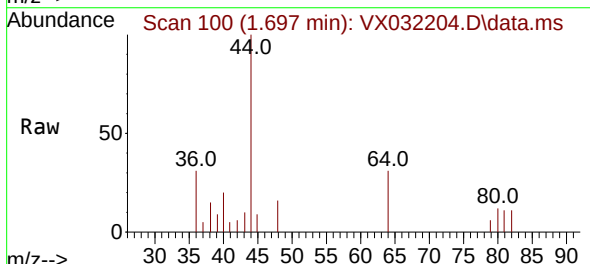
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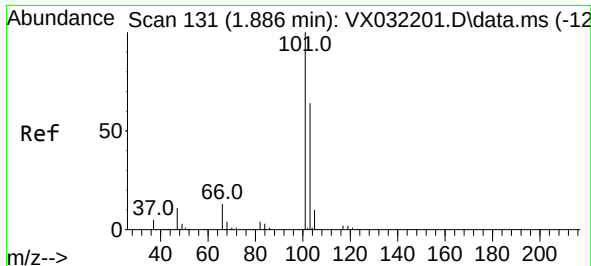
Tgt Ion: 94 Resp: 444
Ion Ratio Lower Upper
94 100
96 127.2 76.7 115.1#



#6
Chloroethane
Concen: 2.324 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

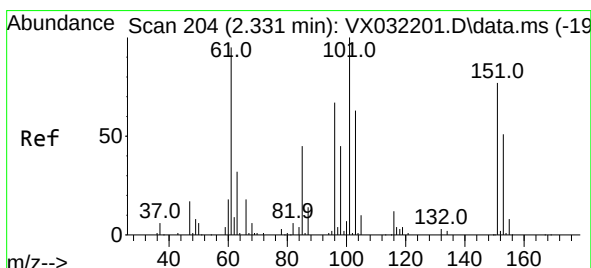
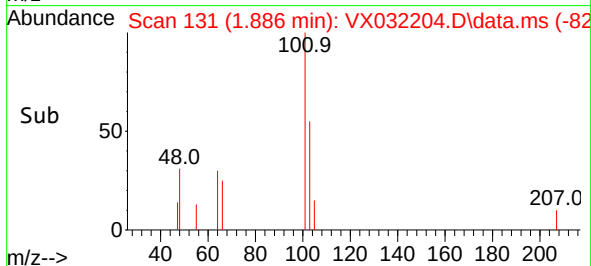
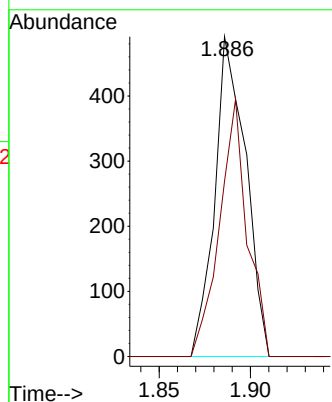
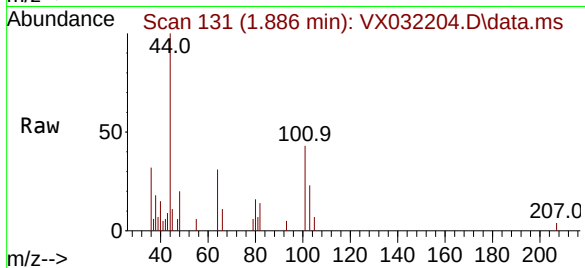




#7
 Trichlorofluoromethane
 Concen: 0.431 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032204.D
 Acq: 19 Oct 2022 13:41

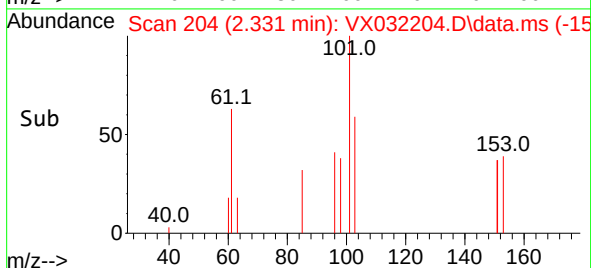
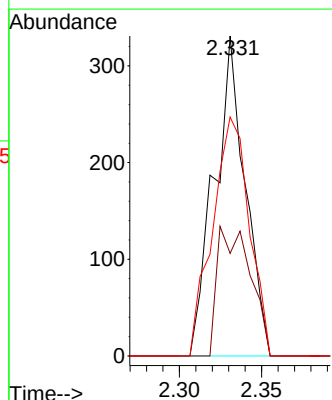
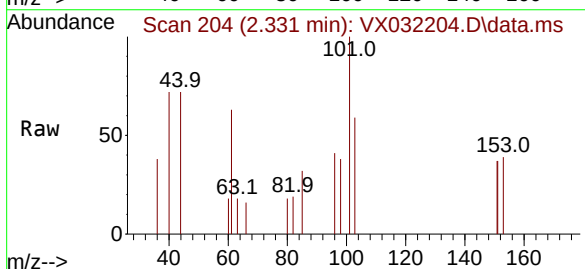
Instrument :
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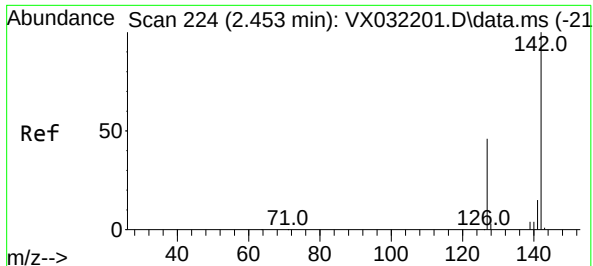
Tgt Ion:101 Resp: 579
 Ion Ratio Lower Upper
 101 100
 103 54.8 51.3 76.9



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.593 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX032204.D
 Acq: 19 Oct 2022 13:41

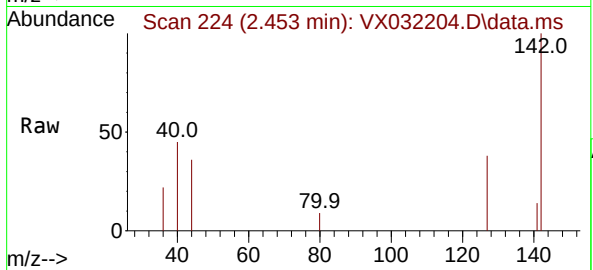
Tgt Ion:101 Resp: 432
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.5 54.7
 151 88.9 65.5 98.3



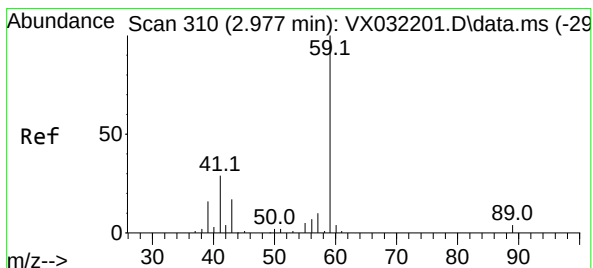
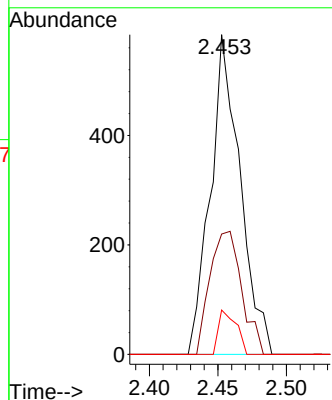
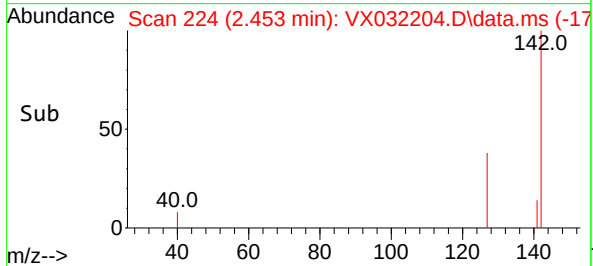


#10
Methyl Iodide
Concen: 0.836 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032204.D
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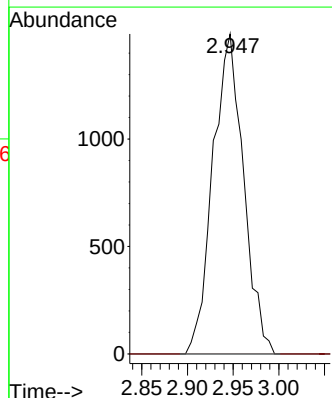
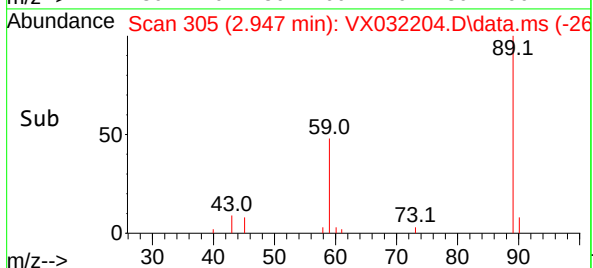
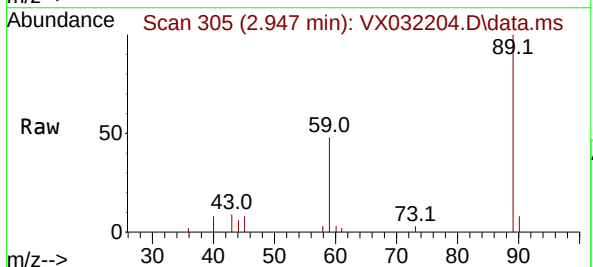


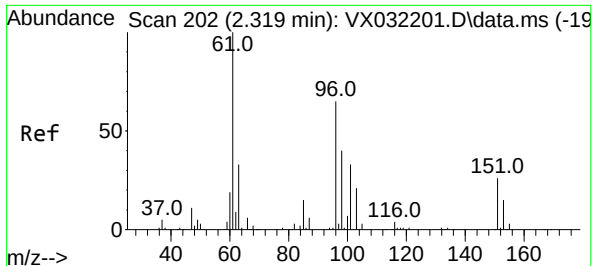
Tgt Ion:142 Resp: 881
Ion Ratio Lower Upper
142 100
127 41.2 36.9 55.3
141 8.3 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.793 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 59 Resp: 3476
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

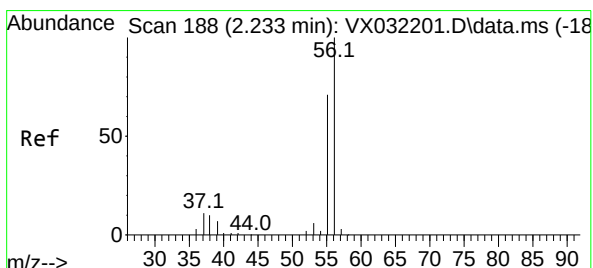
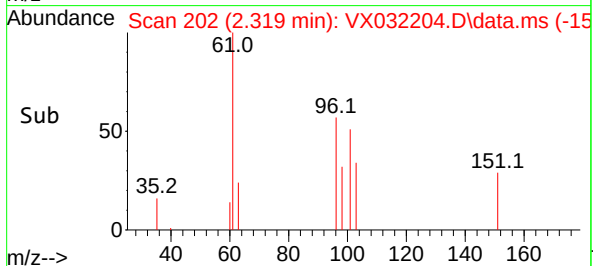
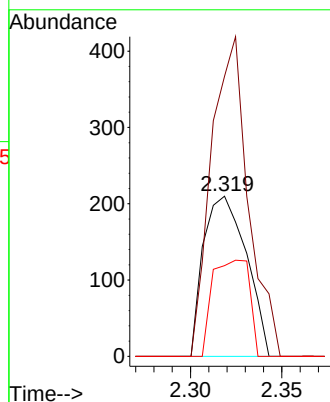
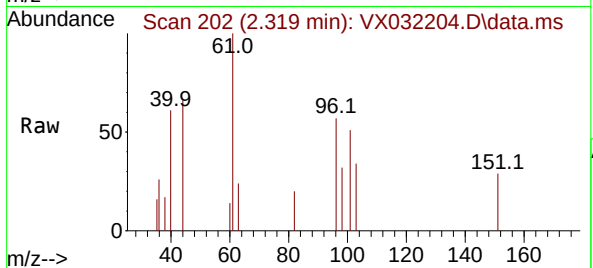




#12
1,1-Dichloroethene
Concen: 0.501 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

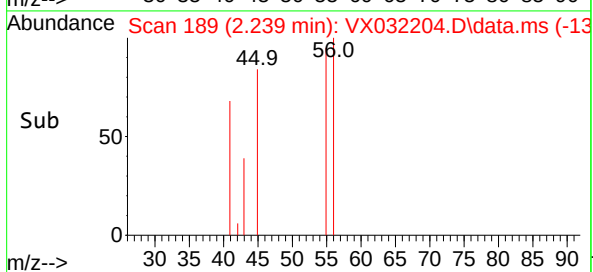
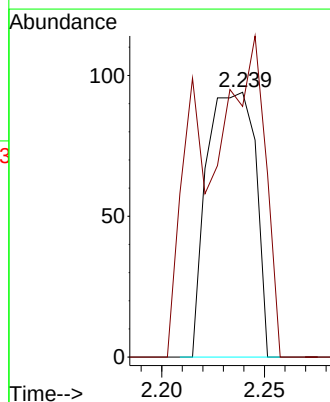
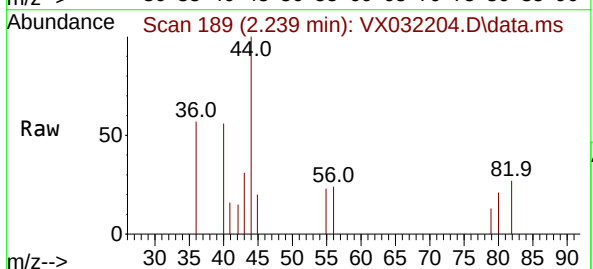
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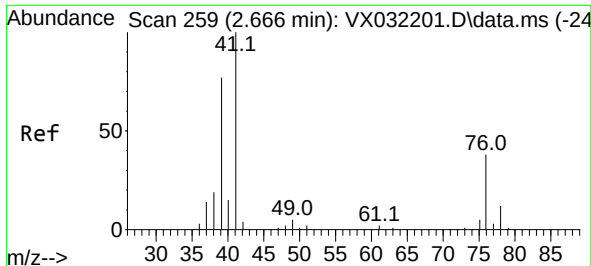
Tgt Ion: 96 Resp: 343
Ion Ratio Lower Upper
96 100
61 174.8 124.0 186.0
98 56.7 50.0 75.0



#13
Acrolein
Concen: 1.267 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 86.4 56.4 84.6#

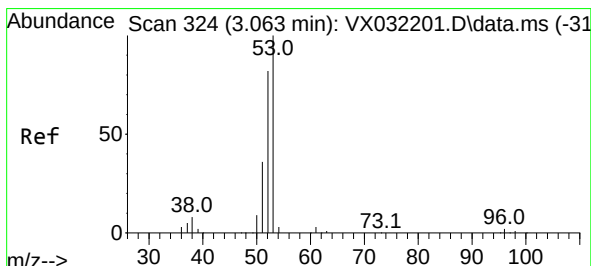
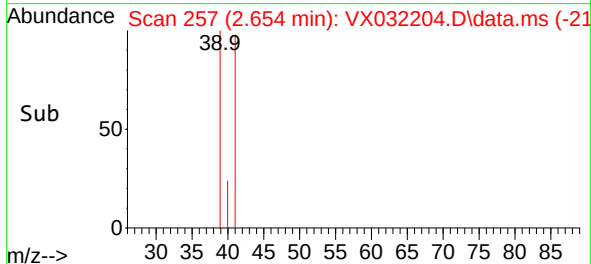
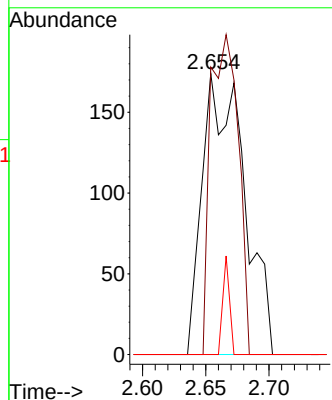
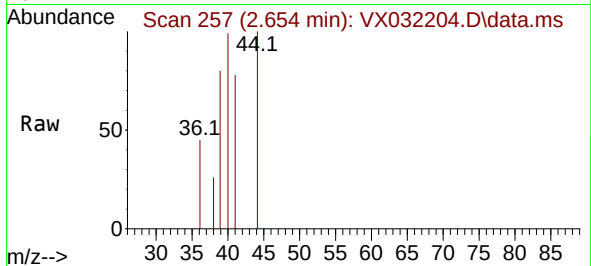




#14
 Allyl chloride
 Concen: 0.372 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VX032204.D
 Acq: 19 Oct 2022 13:41

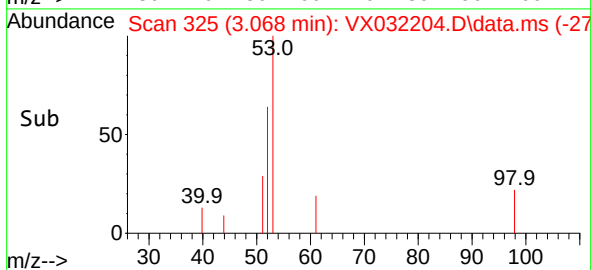
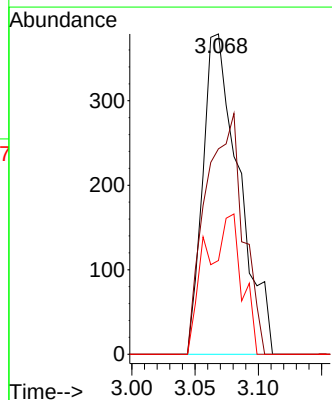
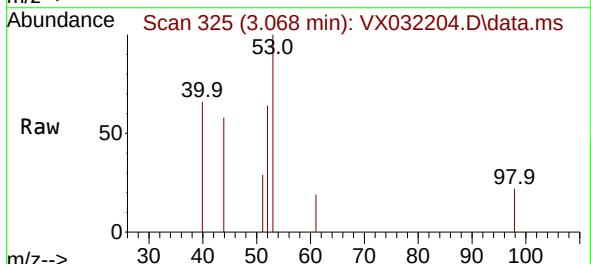
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

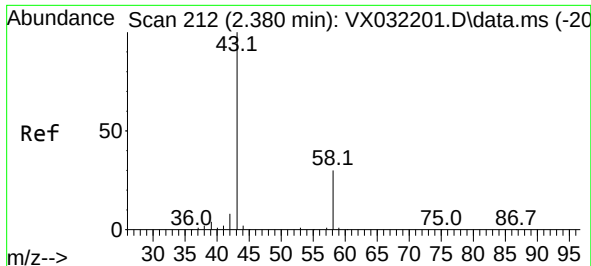
Tgt Ion: 41	Resp: 400
Ion Ratio	Lower Upper
41 100	
39 75.8	59.5 89.3
76 0.0	28.6 42.8#



#15
 Acrylonitrile
 Concen: 2.014 ug/l
 RT: 3.068 min Scan# 325
 Delta R.T. 0.005 min
 Lab File: VX032204.D
 Acq: 19 Oct 2022 13:41

Tgt Ion: 53	Resp: 754
Ion Ratio	Lower Upper
53 100	
52 77.7	65.9 98.9
51 43.2	29.7 44.5

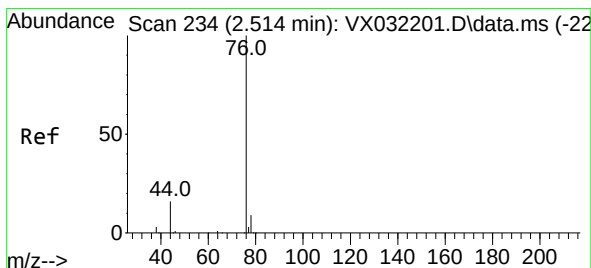
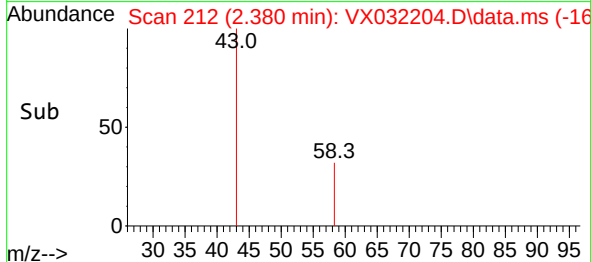
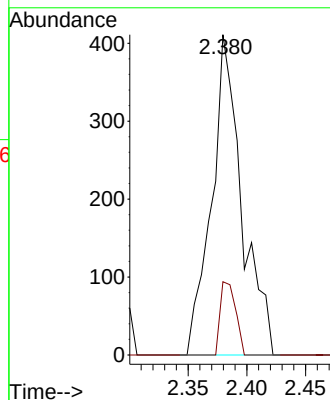
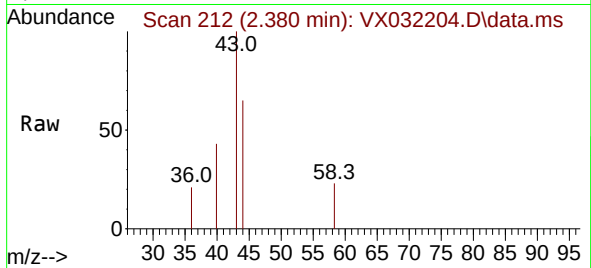




#16
Acetone
Concen: 2.269 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

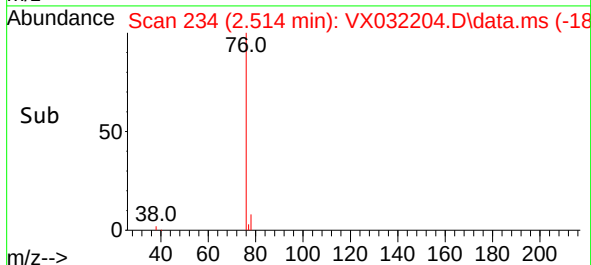
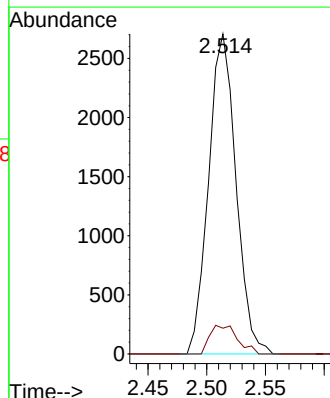
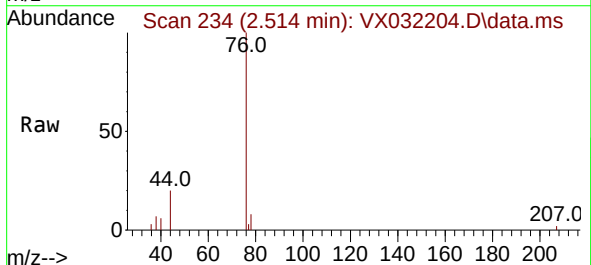
Instrument :
MSVOA_X
ClientSampleId :
IBLK

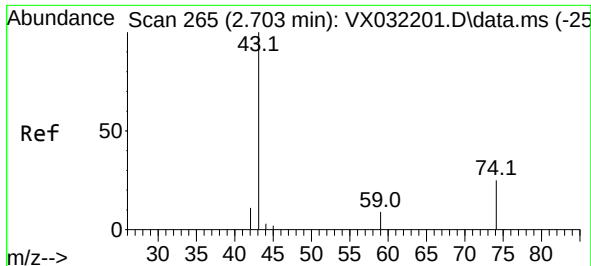
Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
58 22.9 24.2 36.2#



#17
Carbon Disulfide
Concen: 2.739 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 76 Resp: 4392
Ion Ratio Lower Upper
76 100
78 8.1 7.6 11.4

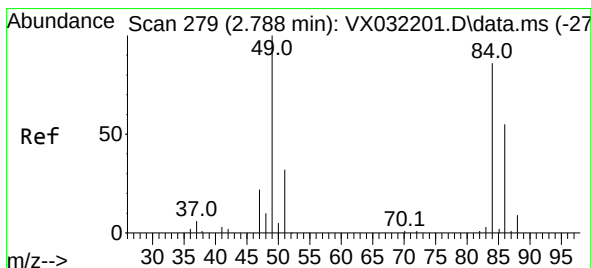
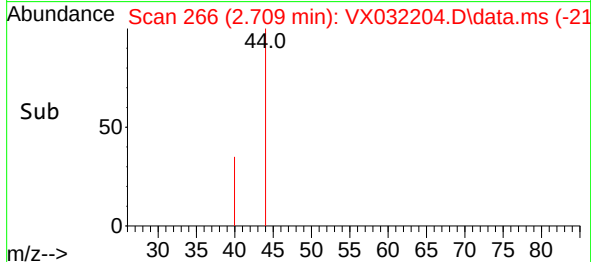
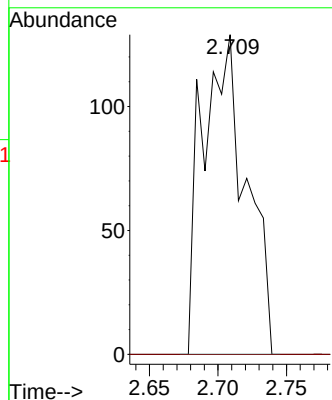
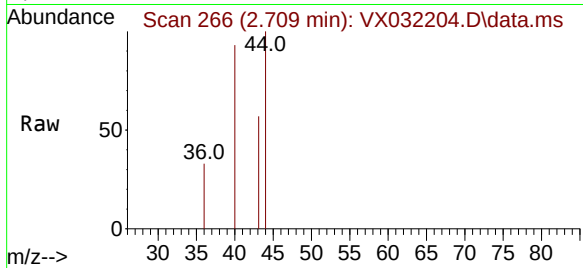




#18
Methyl Acetate
Concen: 0.260 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

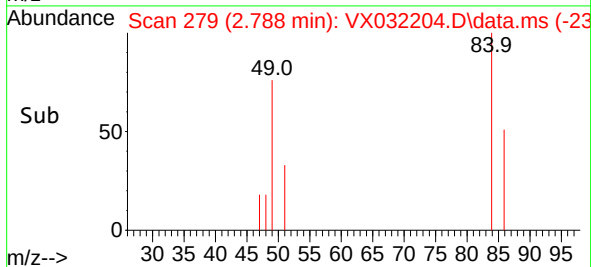
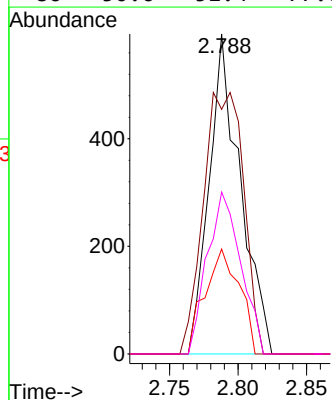
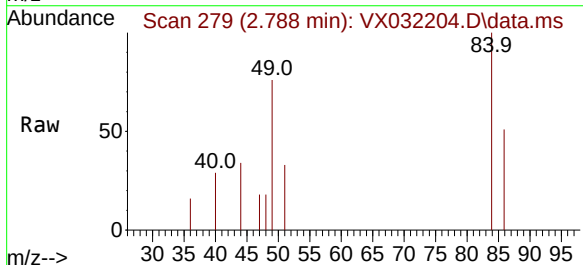
Instrument :
MSVOA_X
ClientSampleId :
IBLK

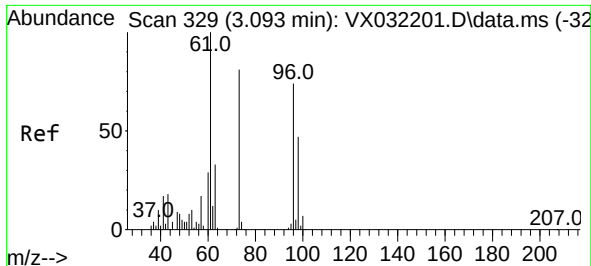
Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#



#20
Methylene Chloride
Concen: 1.127 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 84 Resp: 938
Ion Ratio Lower Upper
84 100
49 76.5 92.6 139.0#
51 32.8 29.2 43.8
86 50.6 51.4 77.0#

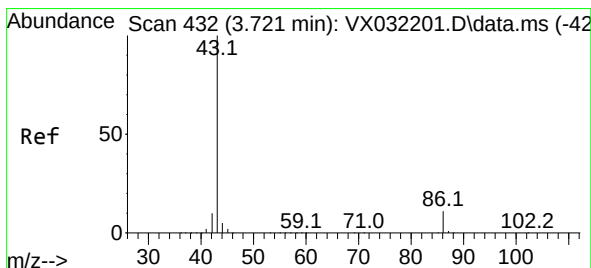
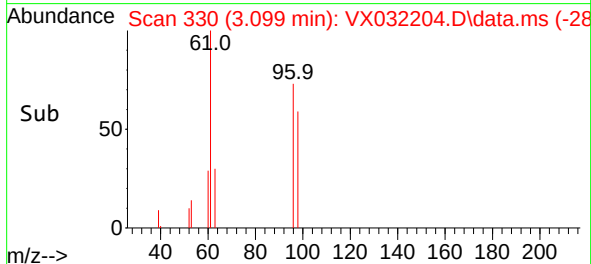
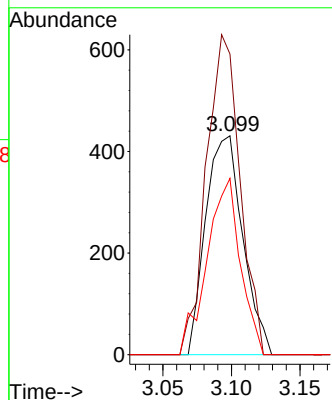
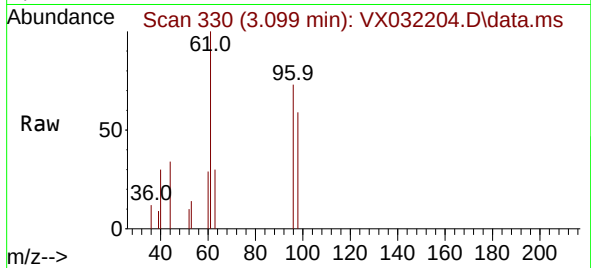




#21
trans-1,2-Dichloroethene
Concen: 1.088 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

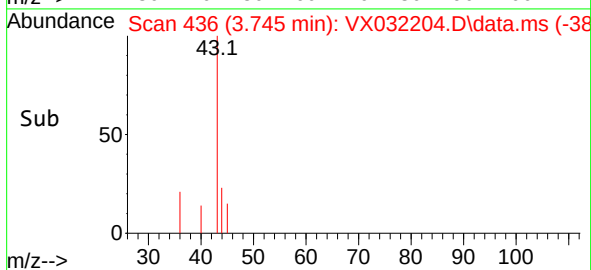
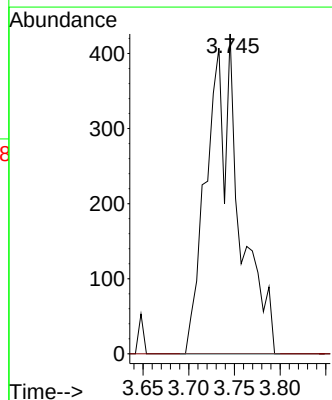
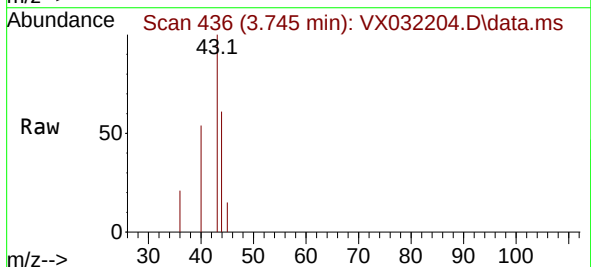
Instrument :
MSVOA_X
ClientSampleId :
IBLK

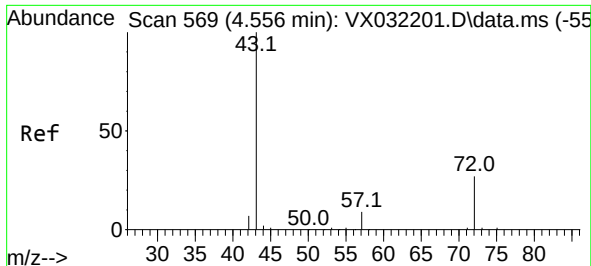
Tgt Ion: 96 Resp: 812
Ion Ratio Lower Upper
96 100
61 137.4 107.7 161.5
98 80.5 50.2 75.4#



#23
Vinyl Acetate
Concen: 0.552 ug/l
RT: 3.745 min Scan# 436
Delta R.T. 0.024 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#

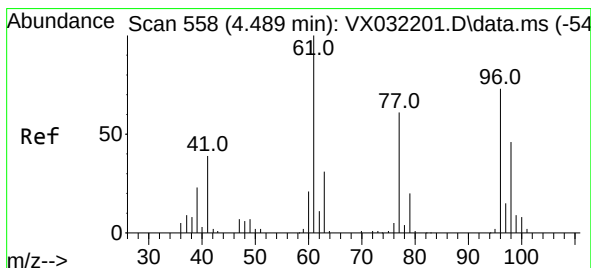
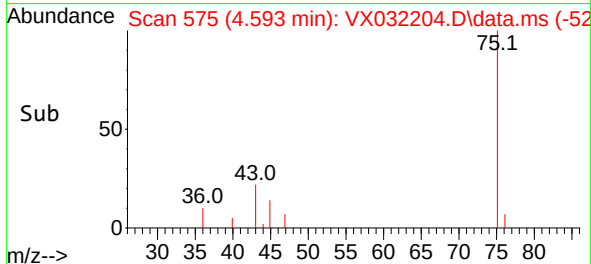
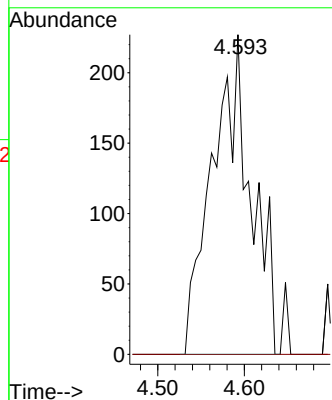
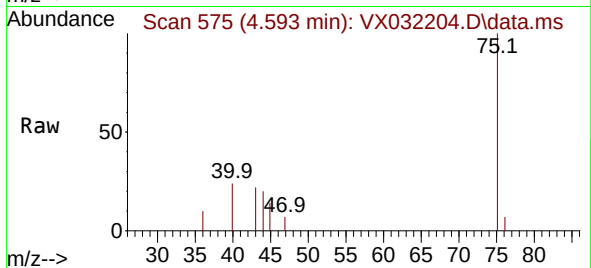




#25
2-Butanone
Concen: 1.396 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

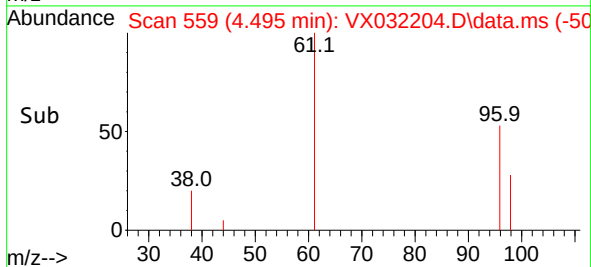
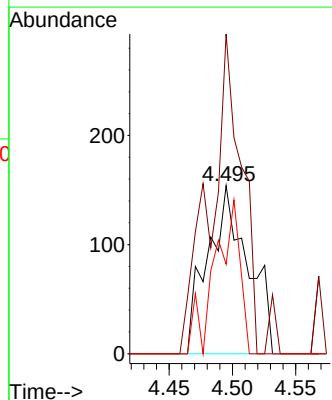
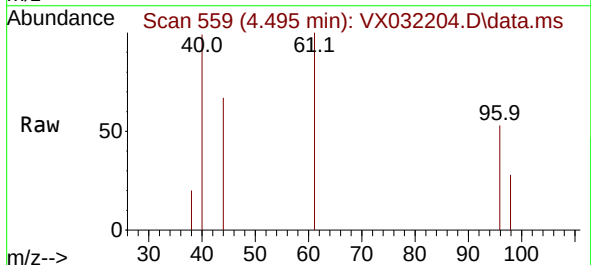
Instrument :
MSVOA_X
ClientSampleId :
IBLK

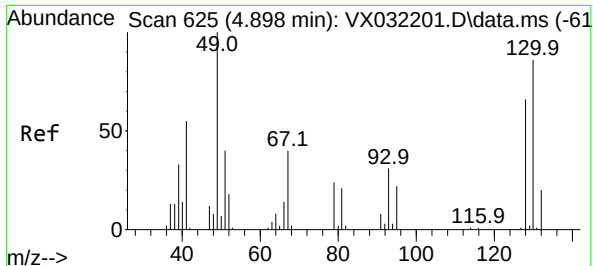
Tgt Ion: 43 Resp: 706
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#27
cis-1,2-Dichloroethene
Concen: 0.389 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 96 Resp: 340
Ion Ratio Lower Upper
96 100
61 149.1 0.0 279.2
98 57.1 0.0 128.0

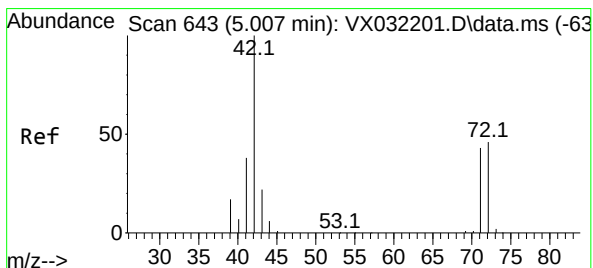
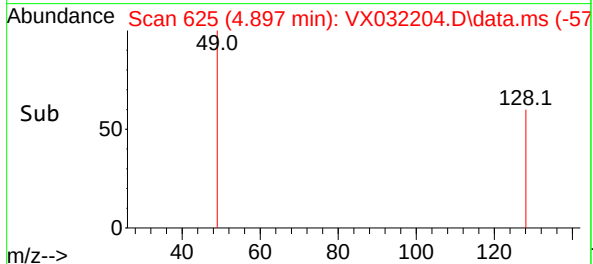
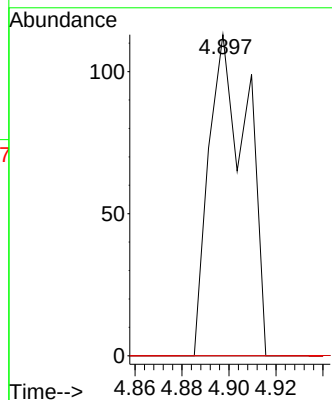
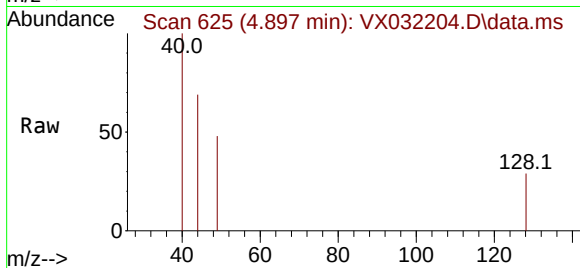




#28
Bromochloromethane
Concen: 0.228 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

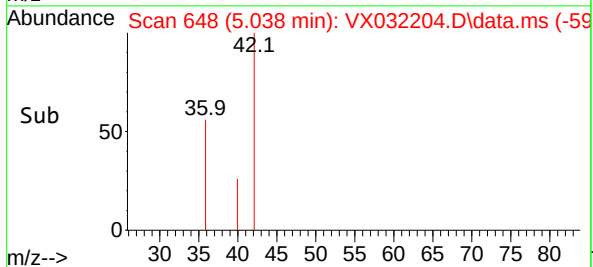
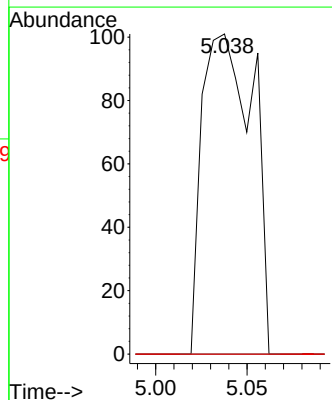
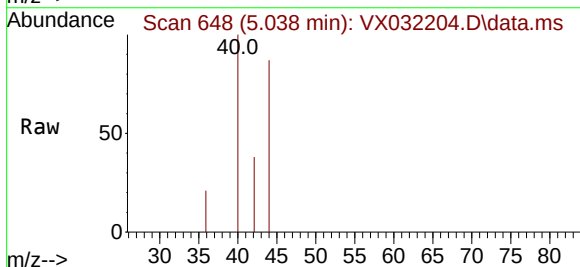
Instrument :
MSVOA_X
ClientSampleId :
IBLK

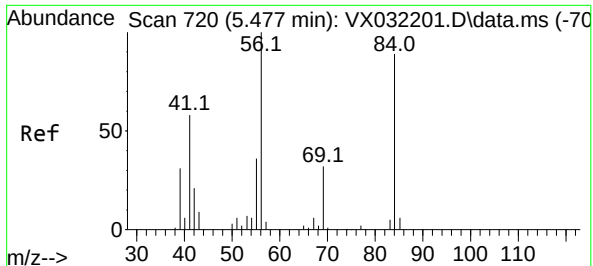
Tgt Ion: 49 Resp: 128
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 68.3 102.5#



#29
Tetrahydrofuran
Concen: 0.597 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.031 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 42 Resp: 195
Ion Ratio Lower Upper
42 100
72 0.0 37.5 56.3#
71 0.0 34.7 52.1#

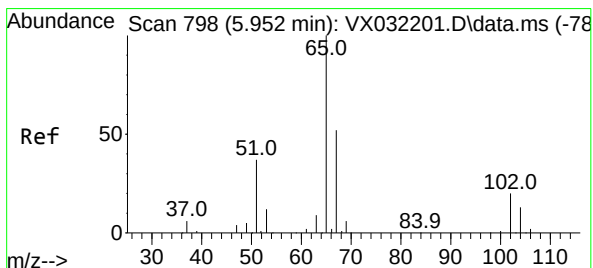
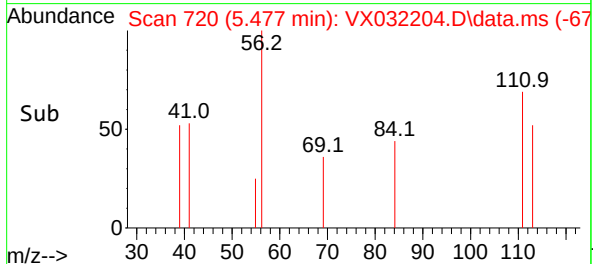
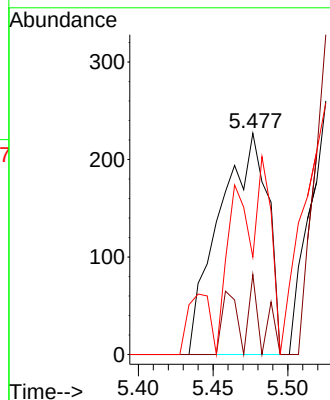
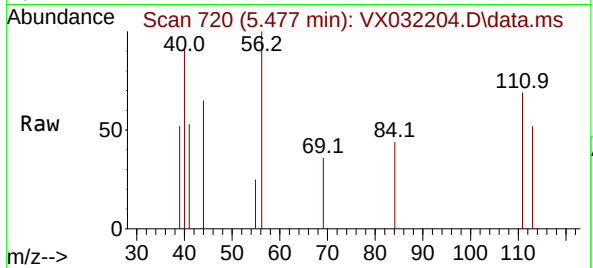




#31
Cyclohexane
Concen: 0.446 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

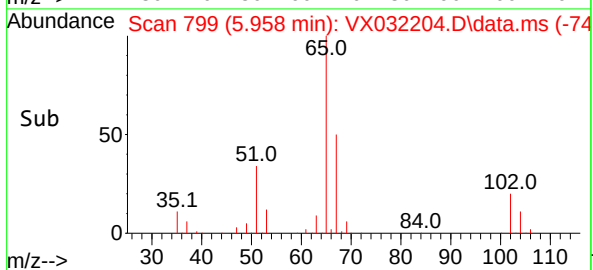
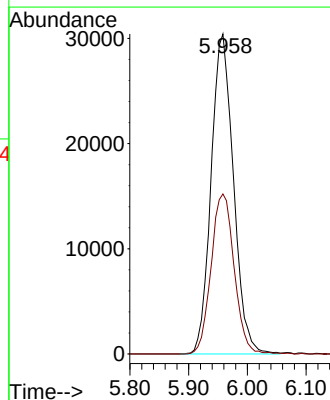
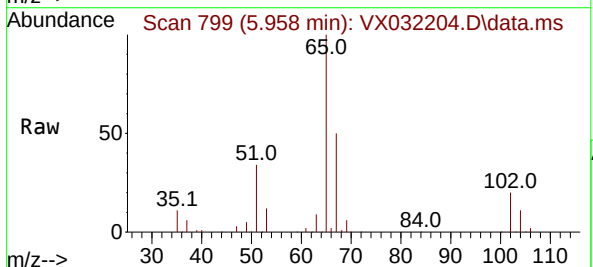
Instrument :
MSVOA_X
ClientSampleId :
IBLK

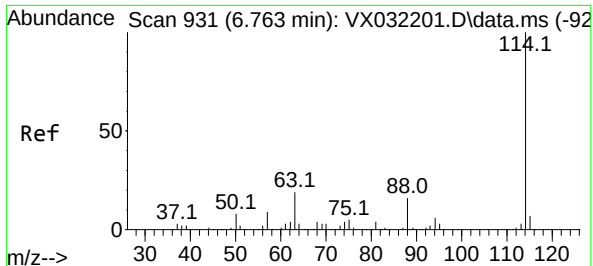
Tgt Ion: 56 Resp: 509
Ion Ratio Lower Upper
56 100
69 36.1 25.4 38.0
84 44.1 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 80.564 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 65 Resp: 80435
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.6

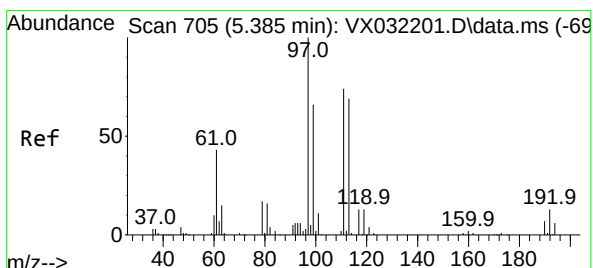
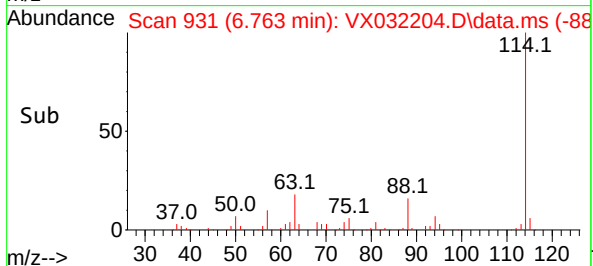
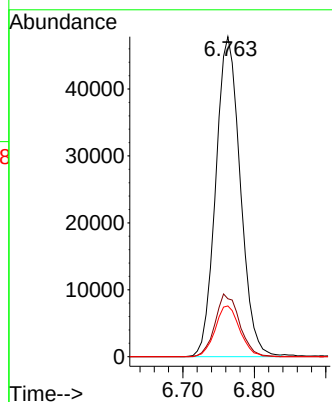
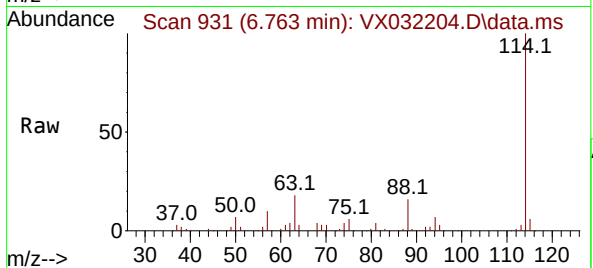




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX032204.D
 Acq: 19 Oct 2022 13:41

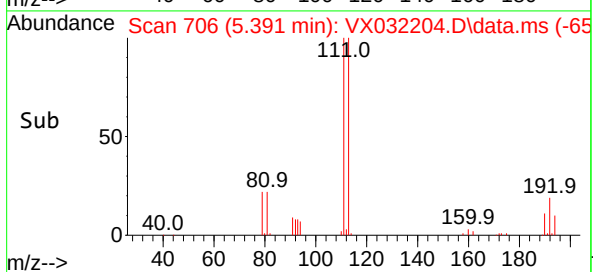
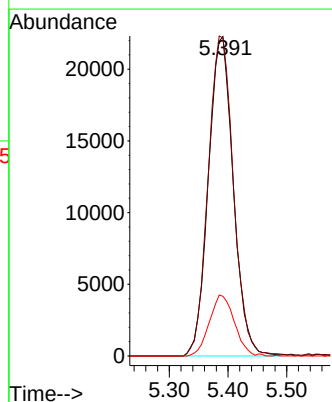
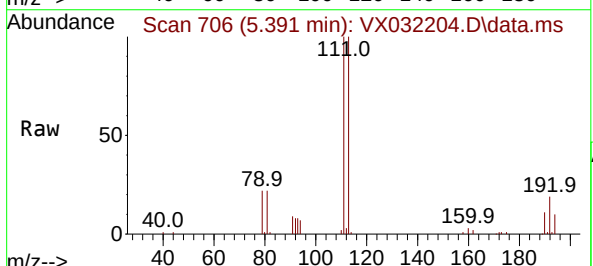
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

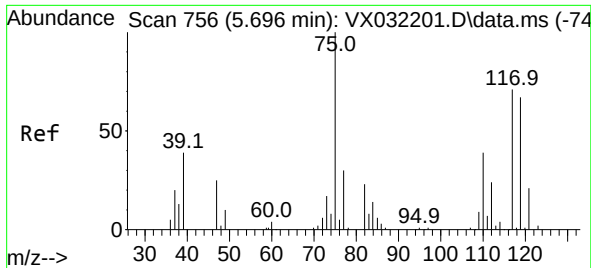
Tgt Ion:114 Resp: 113927
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.6
 88 15.8 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 82.607 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX032204.D
 Acq: 19 Oct 2022 13:41

Tgt Ion:113 Resp: 65489
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.8 124.2
 192 19.2 15.5 23.3

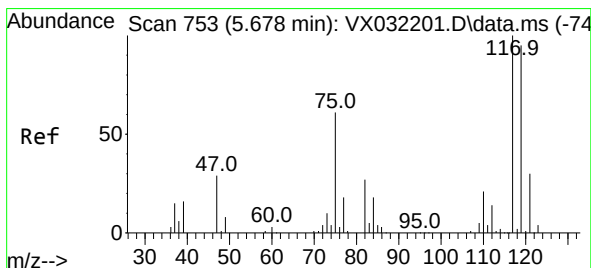
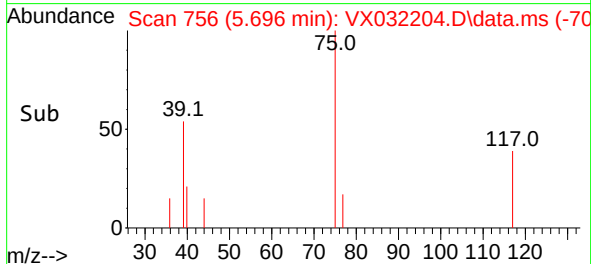
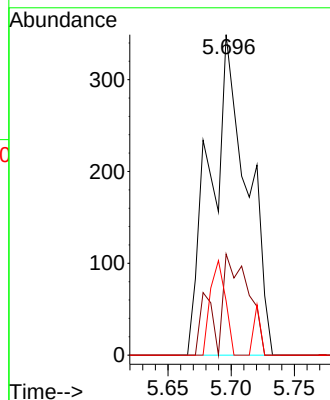
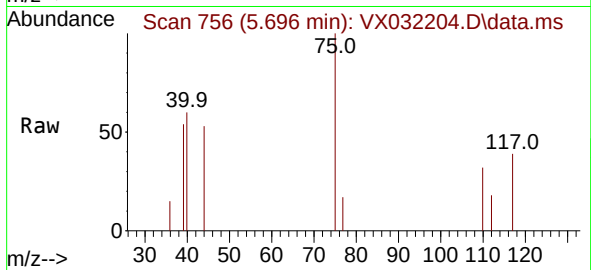




#36
1,1-Dichloropropene
Concen: 0.691 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

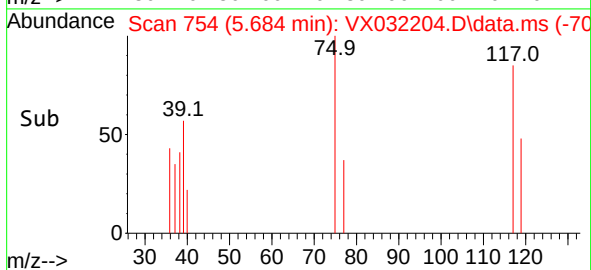
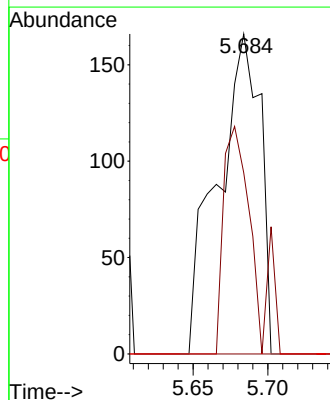
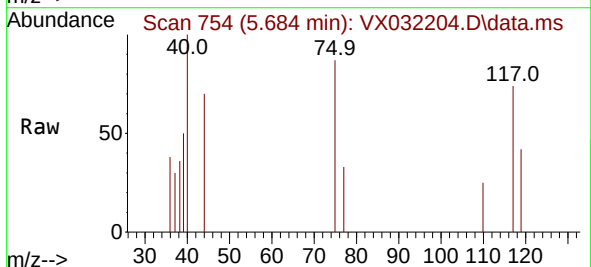
Instrument :
MSVOA_X
ClientSampleId :
IBLK

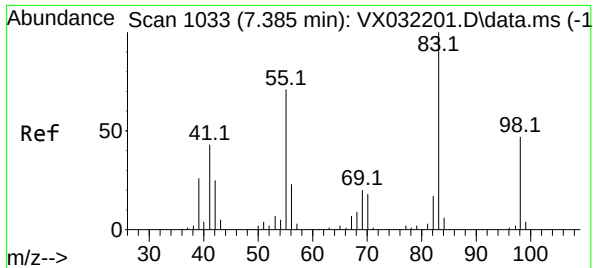
Tgt Ion: 75 Resp: 705
Ion Ratio Lower Upper
75 100
110 27.7 18.4 55.0
77 12.2 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 0.307 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 117 Resp: 331
Ion Ratio Lower Upper
117 100
119 56.6 75.4 113.0#
121 0.0 23.9 35.9#

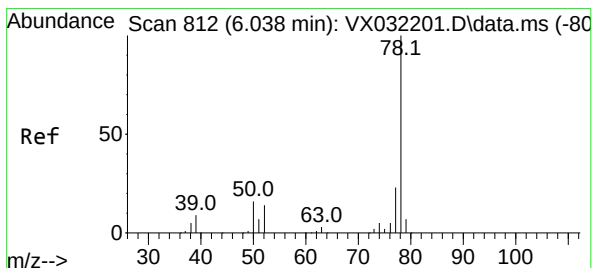
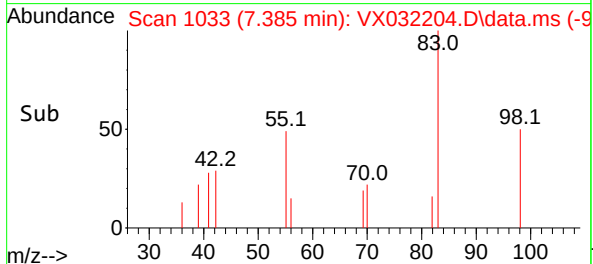
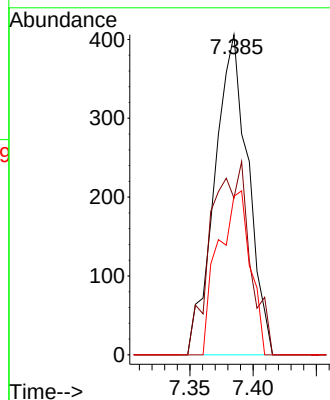
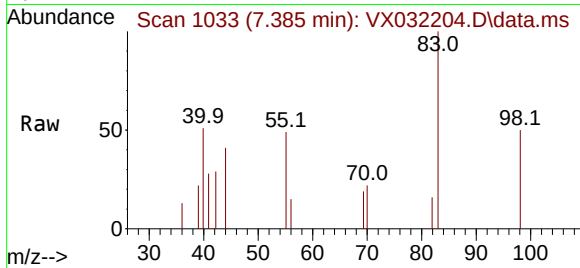




#39
Methylcyclohexane
Concen: 0.612 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

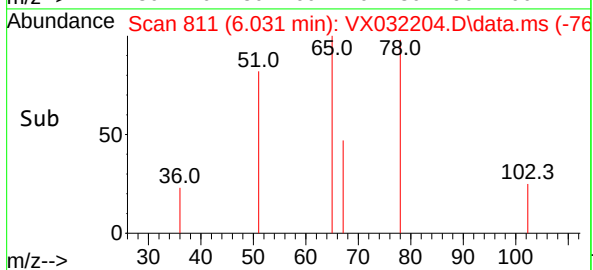
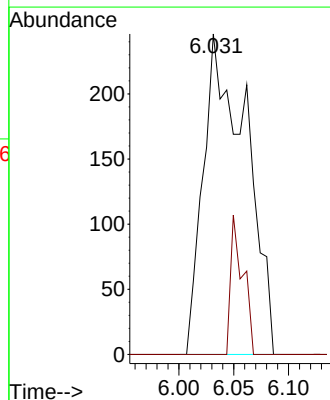
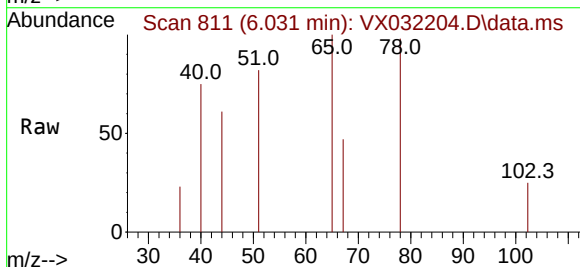
Instrument :
MSVOA_X
ClientSampleId :
IBLK

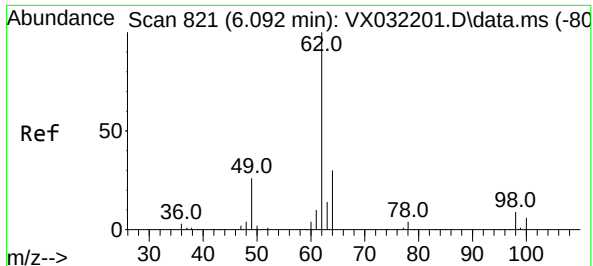
Tgt Ion: 83 Resp: 745
Ion Ratio Lower Upper
83 100
55 49.0 56.6 85.0#
98 49.5 37.4 56.0



#40
Benzene
Concen: 0.224 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 78 Resp: 662
Ion Ratio Lower Upper
78 100
77 0.0 18.6 27.8#





#42

1,2-Dichloroethane

Concen: 0.421 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

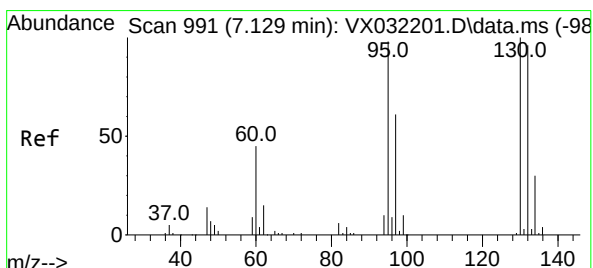
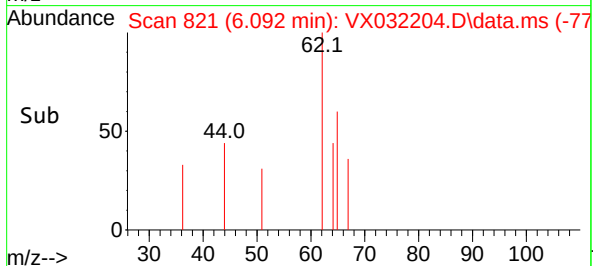
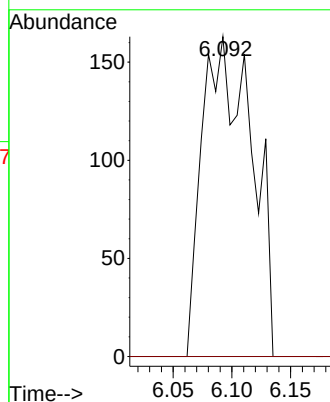
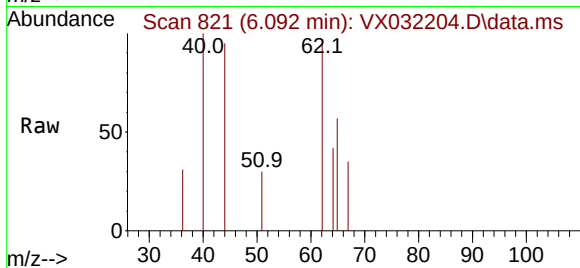
IBLK

Tgt Ion: 62 Resp: 477

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.4



#44

Trichloroethene

Concen: 0.636 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX032204.D

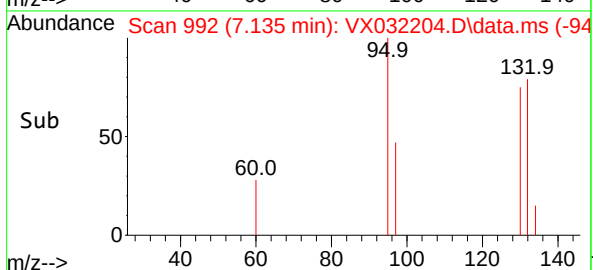
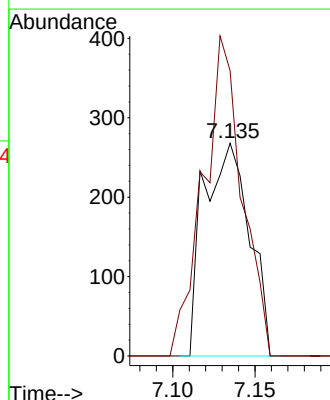
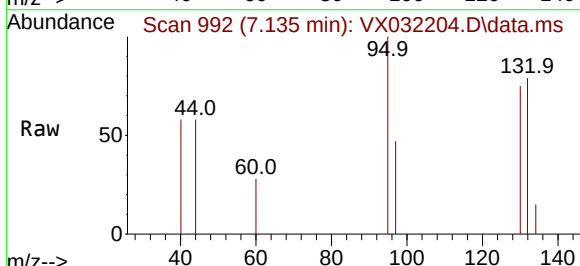
Acq: 19 Oct 2022 13:41

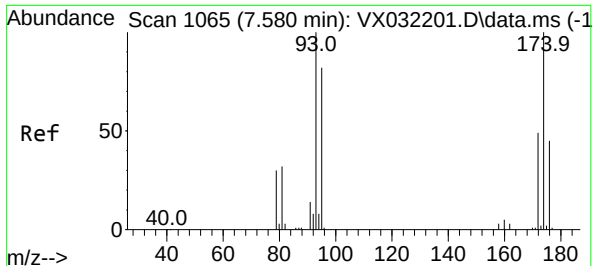
Tgt Ion: 130 Resp: 518

Ion Ratio Lower Upper

130 100

95 134.0 0.0 196.8

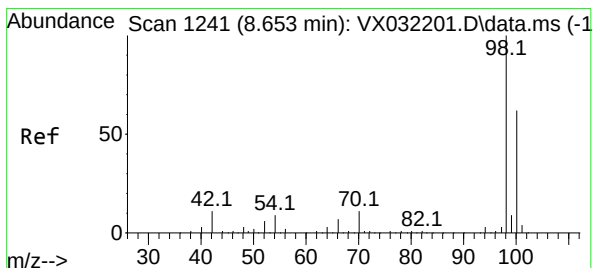
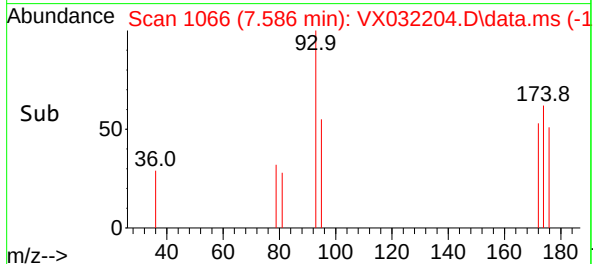
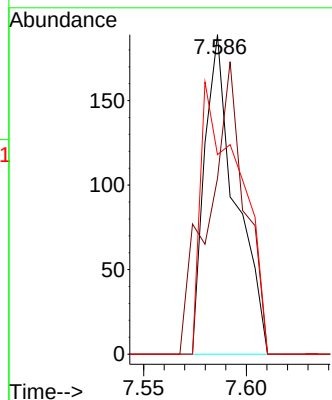
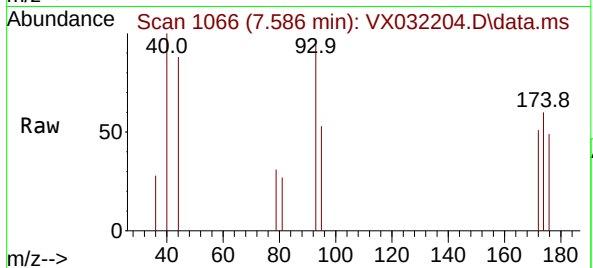




#46
Dibromomethane
Concen: 0.356 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

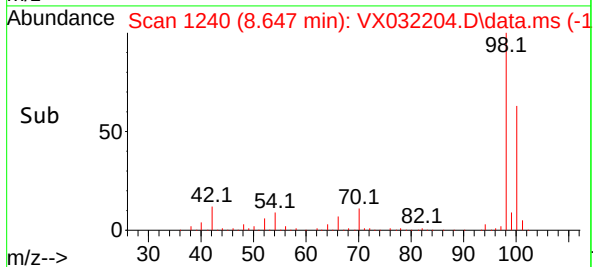
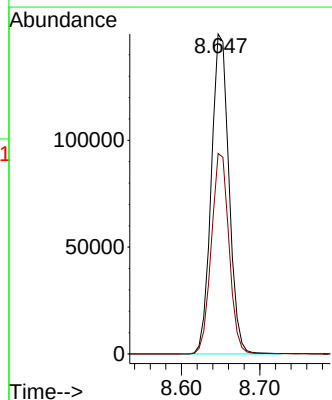
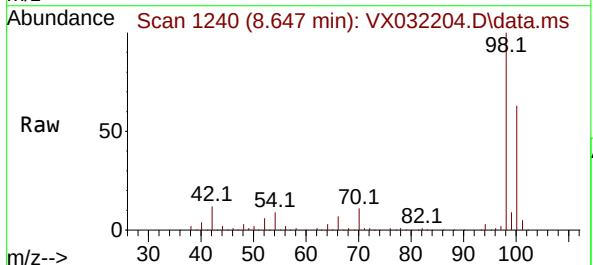
Instrument :
MSVOA_X
ClientSampleId :
IBLK

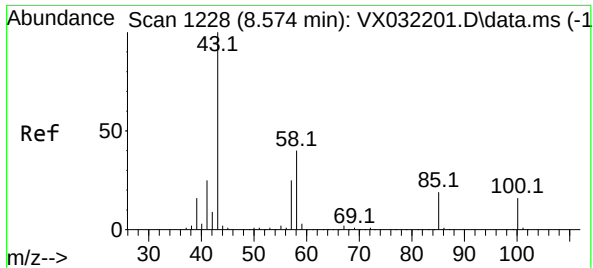
Tgt Ion: 93 Resp: 198
Ion Ratio Lower Upper
93 100
95 107.1 66.1 99.1#
174 108.6 80.7 121.1



#50
Toluene-d8
Concen: 82.178 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 98 Resp: 234517
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.350 ug/l

RT: 8.592 min Scan# 1231

Delta R.T. 0.018 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

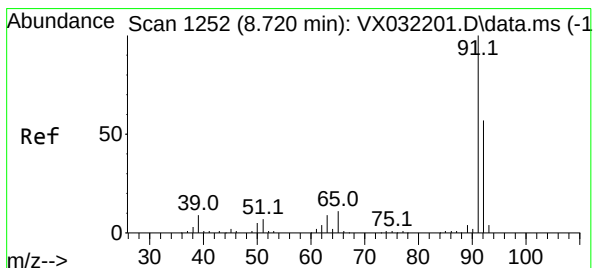
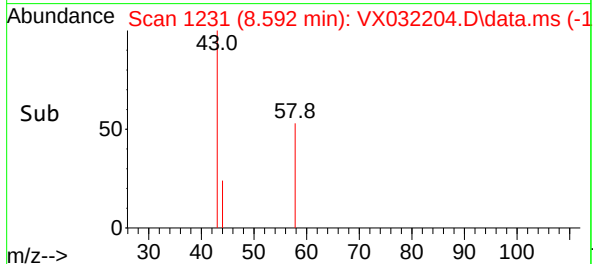
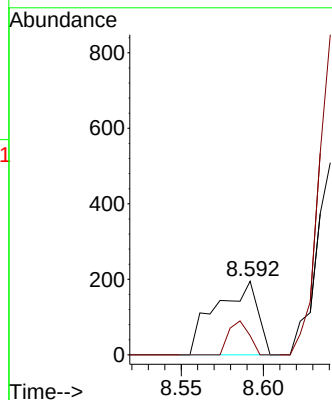
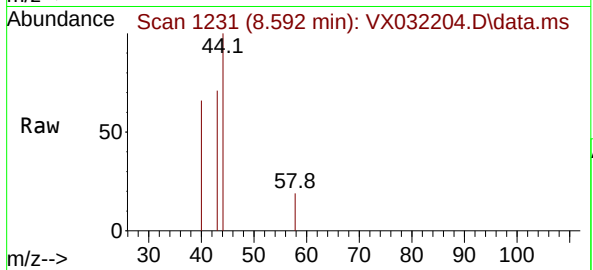
IBLK

Tgt Ion: 43 Resp: 344

Ion Ratio Lower Upper

43 100

58 22.7 31.0 46.4#



#52

Toluene

Concen: 0.348 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032204.D

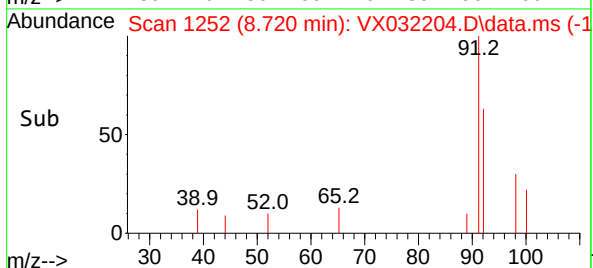
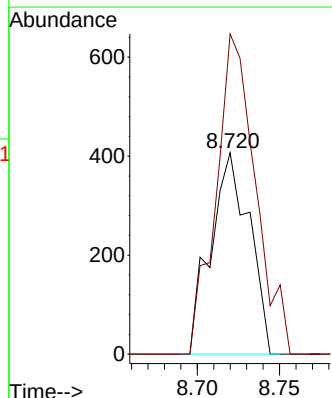
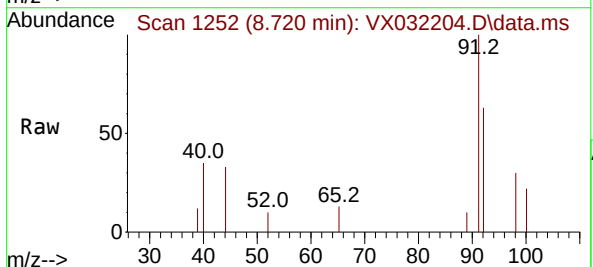
Acq: 19 Oct 2022 13:41

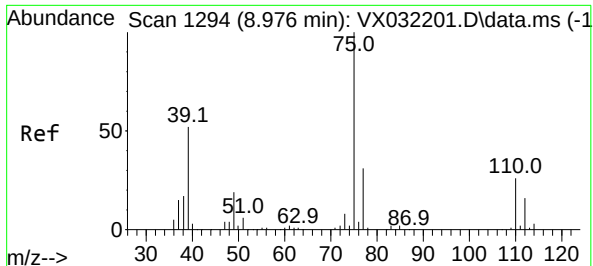
Tgt Ion: 92 Resp: 666

Ion Ratio Lower Upper

92 100

91 162.2 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 2.170 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

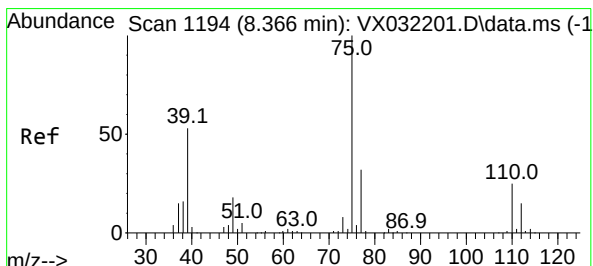
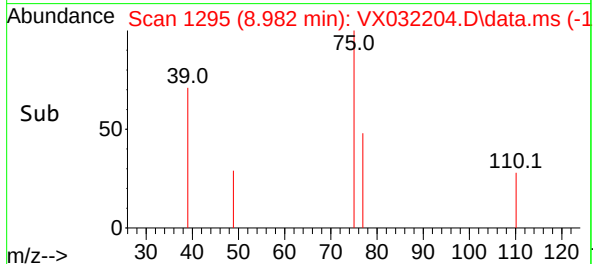
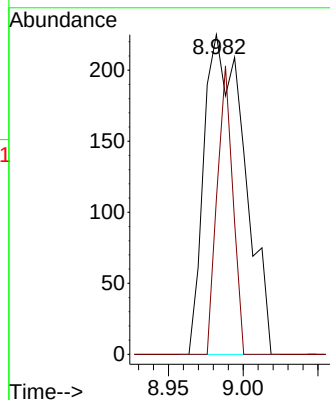
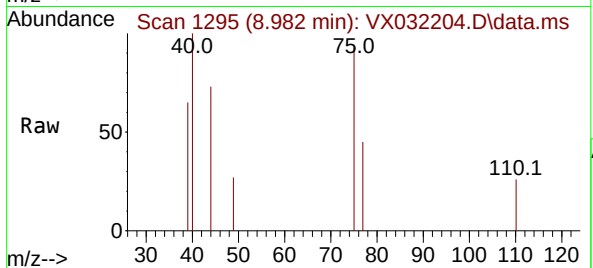
IBLK

Tgt Ion: 75 Resp: 422

Ion Ratio Lower Upper

75 100

77 48.4 25.2 37.8#



#54

cis-1,3-Dichloropropene

Concen: 0.285 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

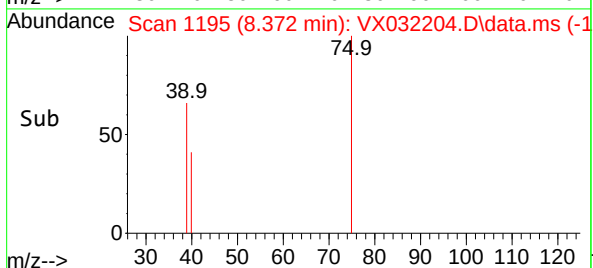
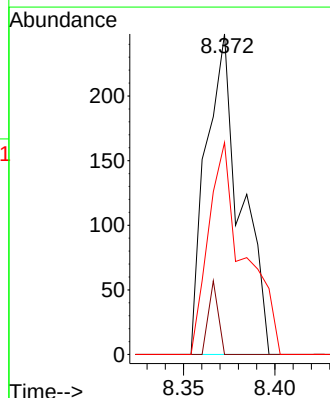
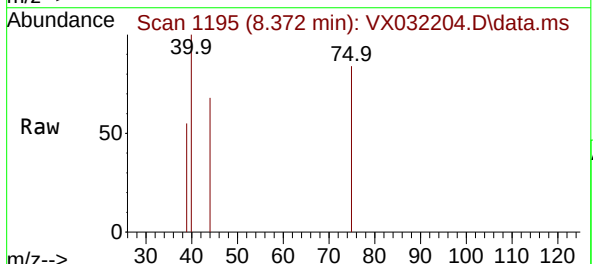
Tgt Ion: 75 Resp: 326

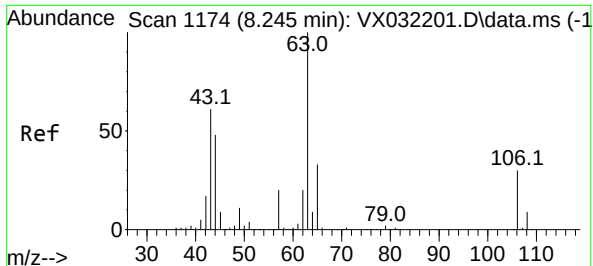
Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#

39 66.1 42.4 63.6#

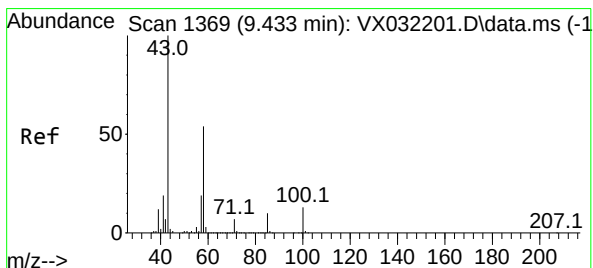
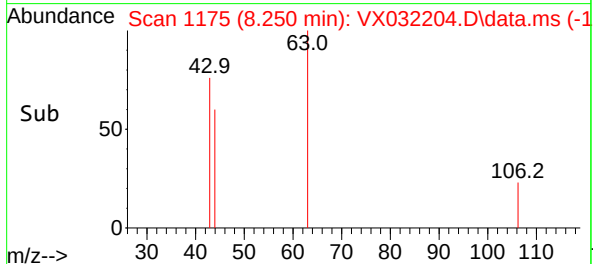
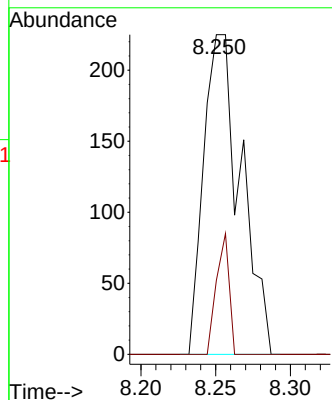
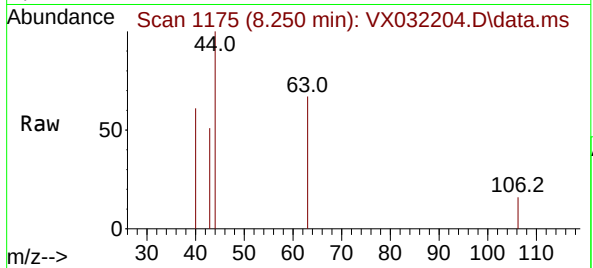




#58
2-Chloroethyl Vinyl ether
Concen: 0.760 ug/l
RT: 8.250 min Scan# 1174
Delta R.T. 0.005 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

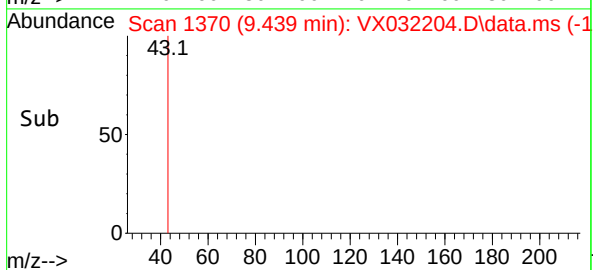
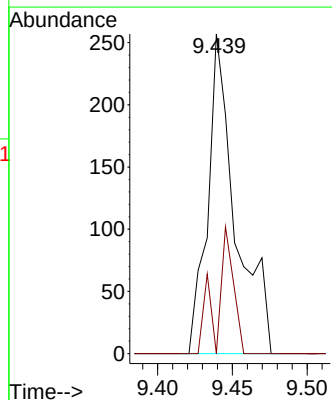
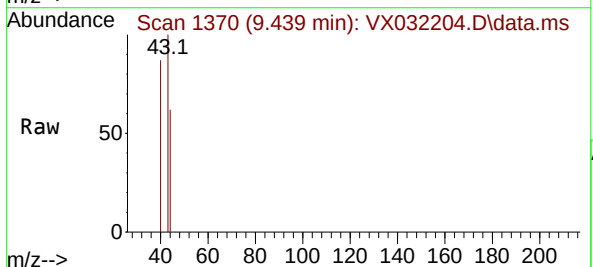
Instrument :
MSVOA_X
ClientSampleId :
IBLK

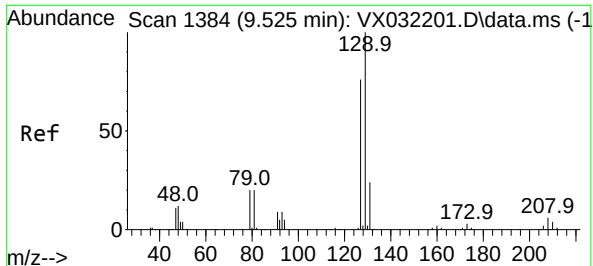
Tgt Ion: 63 Resp: 390
Ion Ratio Lower Upper
63 100
106 12.8 23.6 35.4#



#59
2-Hexanone
Concen: 0.453 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 43 Resp: 332
Ion Ratio Lower Upper
43 100
58 23.8 26.7 80.1#





#60

Dibromochloromethane

Concen: 0.655 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

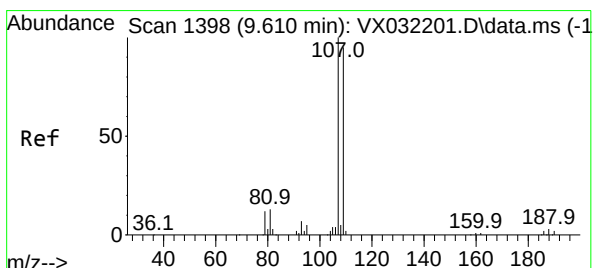
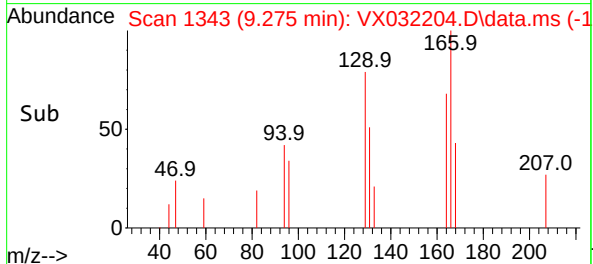
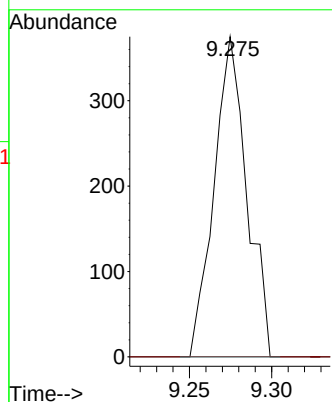
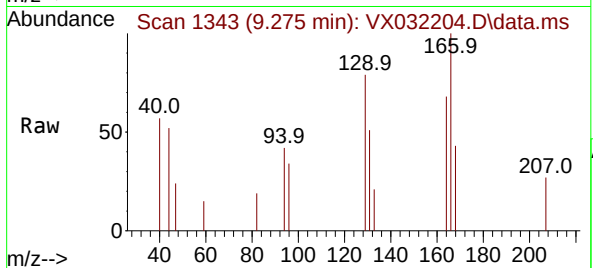
IBLK

Tgt Ion:129 Resp: 522

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#61

1,2-Dibromoethane

Concen: 0.298 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX032204.D

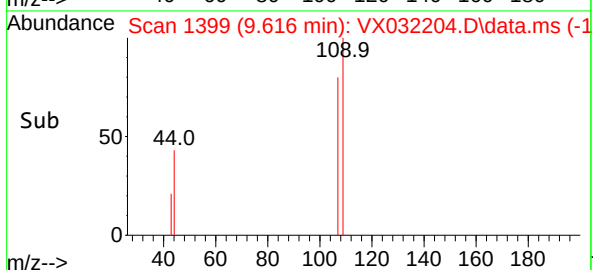
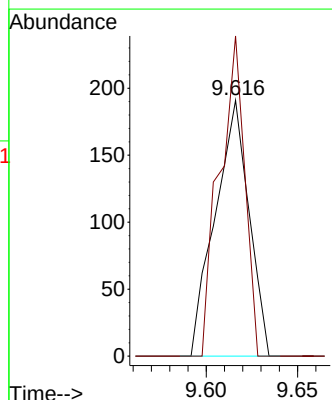
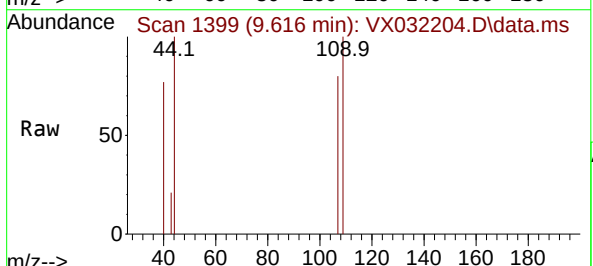
Acq: 19 Oct 2022 13:41

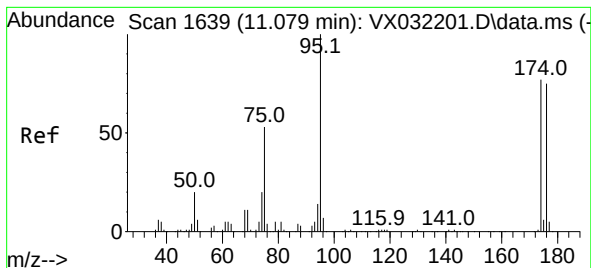
Tgt Ion:107 Resp: 246

Ion Ratio Lower Upper

107 100

109 93.1 76.5 114.7

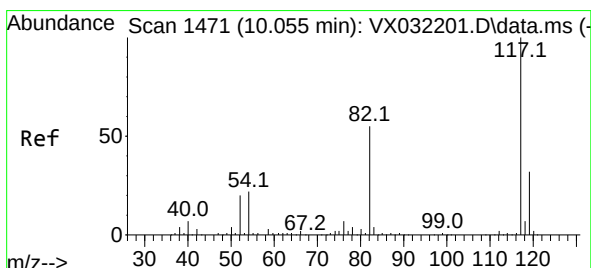
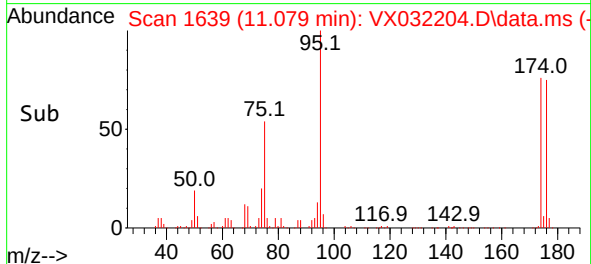
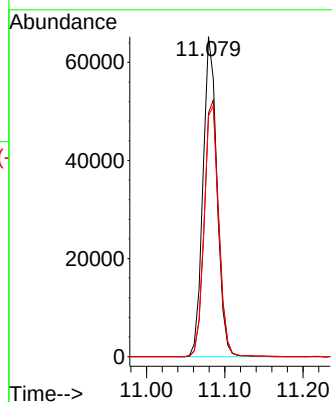
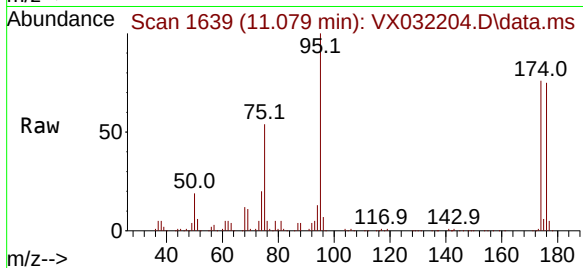




#62
4-Bromofluorobenzene
Concen: 77.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

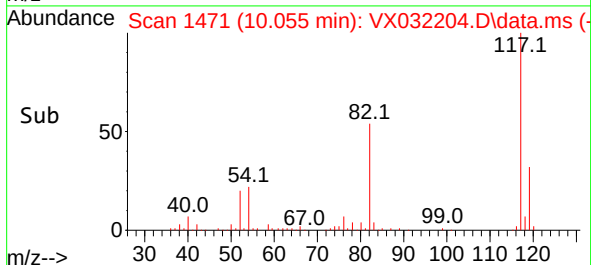
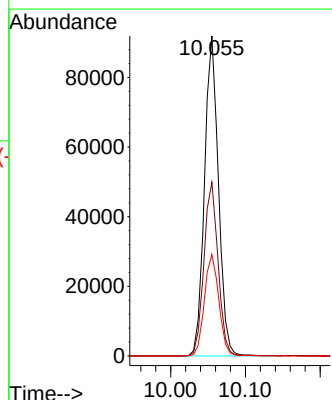
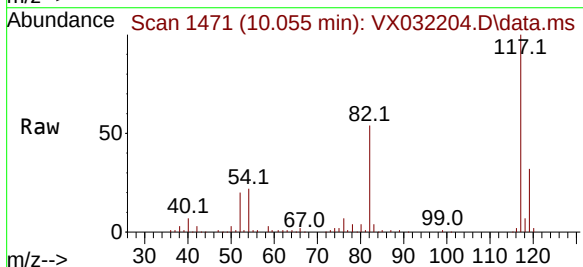
Instrument :
MSVOA_X
ClientSampleId :
IBLK

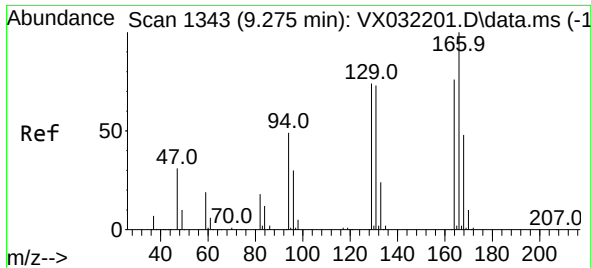
Tgt Ion: 95 Resp: 80953
Ion Ratio Lower Upper
95 100
174 82.5 0.0 166.8
176 81.5 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 117 Resp: 119088
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.4
119 31.7 25.8 38.8

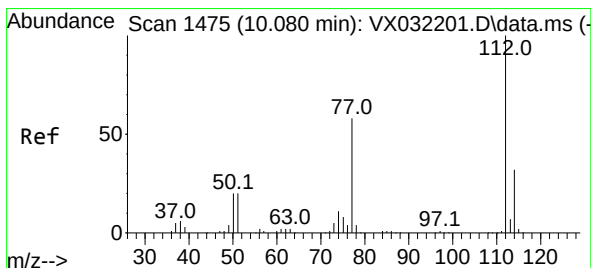
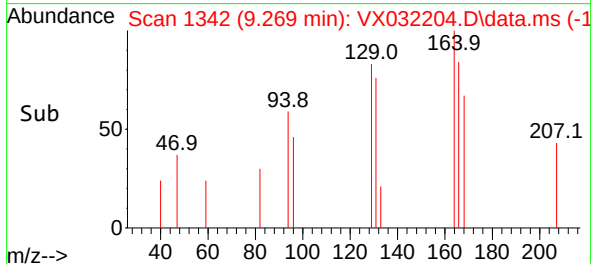
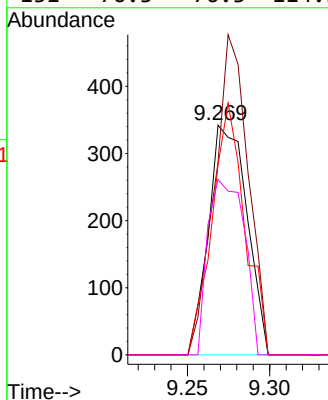
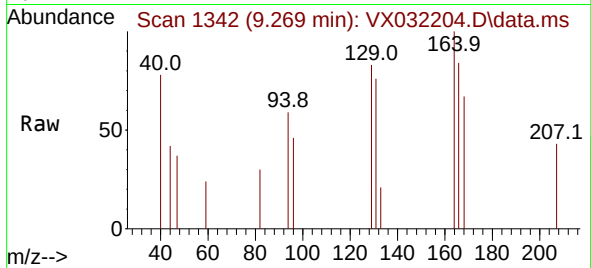




#64
Tetrachloroethene
Concen: 0.708 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

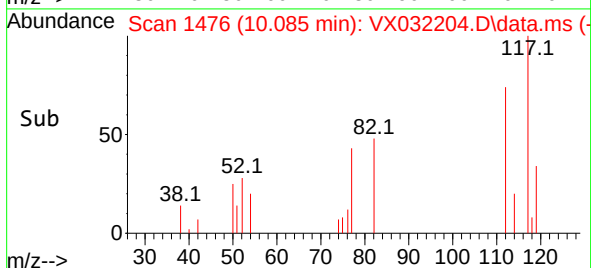
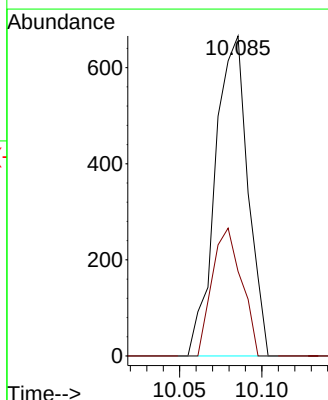
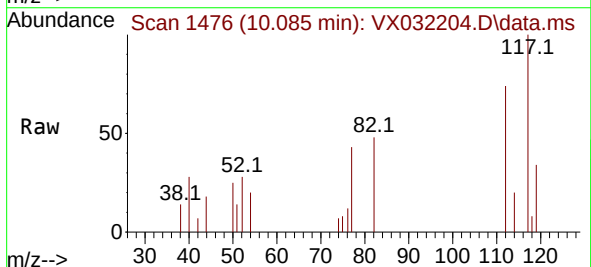
Instrument :
MSVOA_X
ClientSampleId :
IBLK

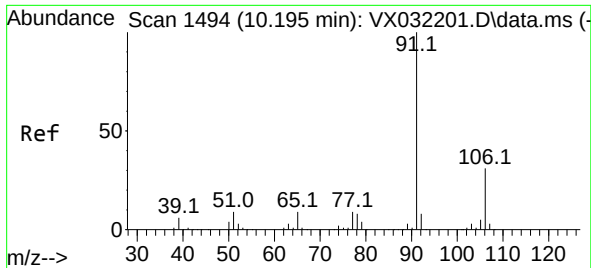
Tgt Ion:164 Resp: 557
Ion Ratio Lower Upper
164 100
166 83.9 104.9 157.3#
129 82.7 77.8 116.6
131 76.3 76.3 114.5#



#65
Chlorobenzene
Concen: 0.377 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion:112 Resp: 921
Ion Ratio Lower Upper
112 100
114 26.4 25.7 38.5

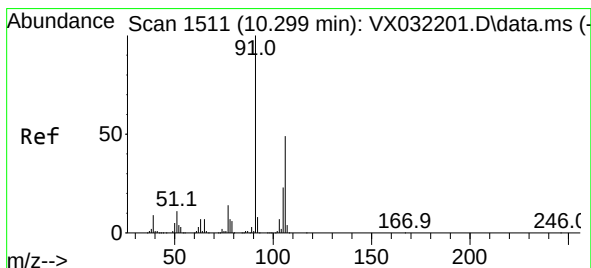
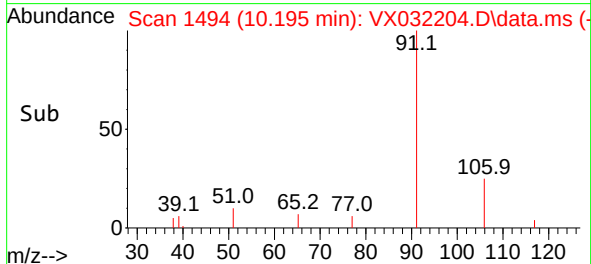
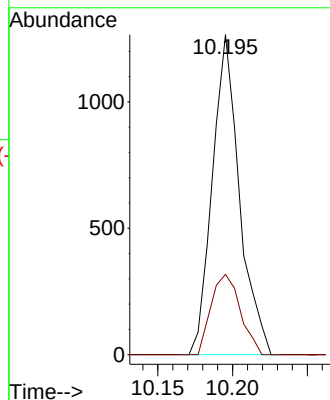
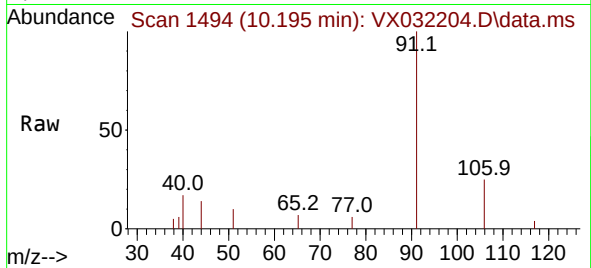




#67
Ethyl Benzene
Concen: 0.368 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

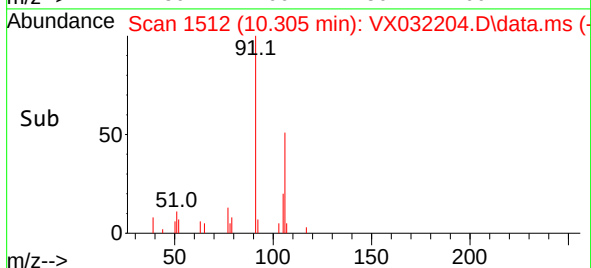
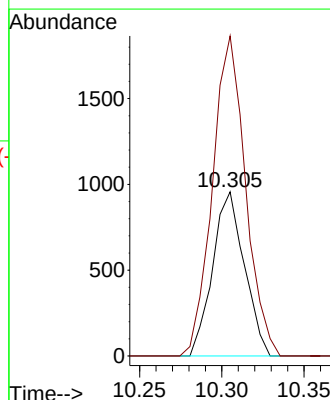
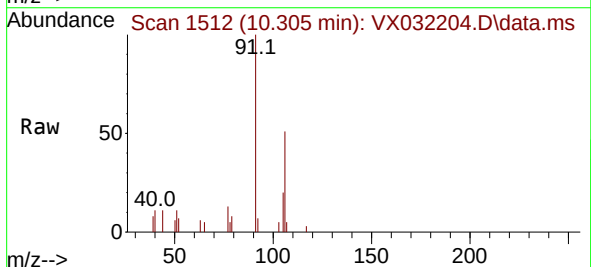
Instrument :
MSVOA_X
ClientSampleId :
IBLK

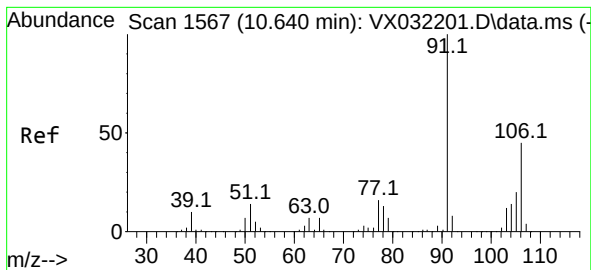
Tgt Ion: 91 Resp: 1591
Ion Ratio Lower Upper
91 100
106 25.1 25.0 37.4



#68
m/p-Xylenes
Concen: 0.750 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 106 Resp: 1281
Ion Ratio Lower Upper
106 100
91 203.6 162.6 244.0





#69

o-Xylene

Concen: 0.260 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

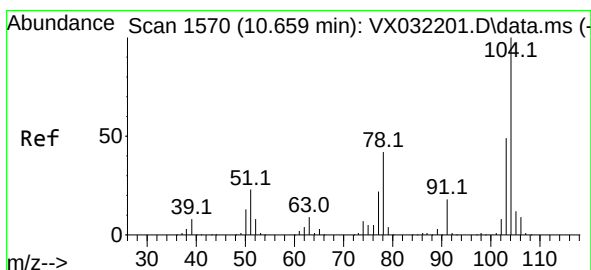
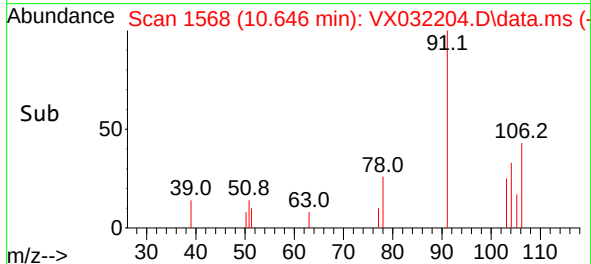
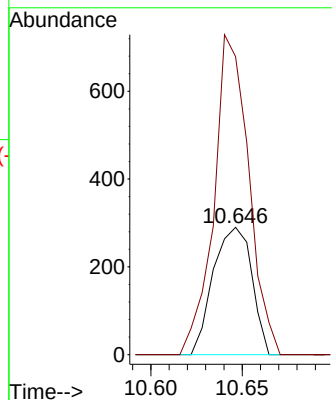
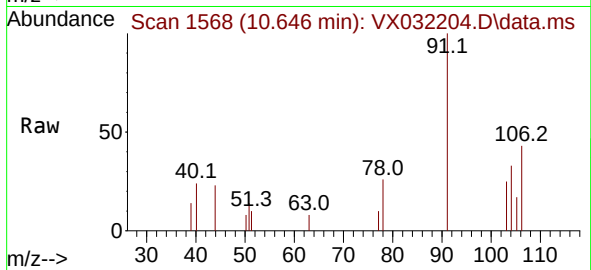
IBLK

Tgt Ion:106 Resp: 425

Ion Ratio Lower Upper

106 100

91 227.1 108.3 324.9



#70

Styrene

Concen: 0.345 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

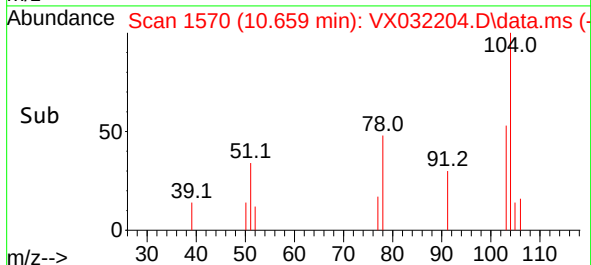
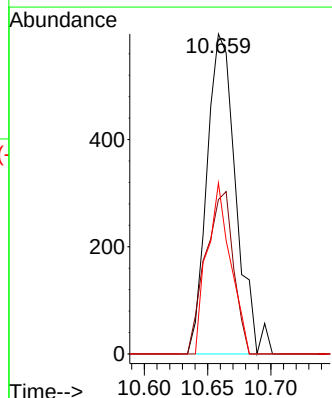
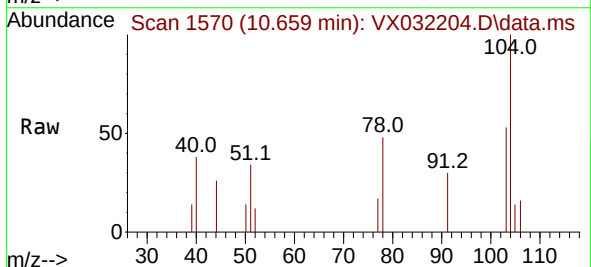
Tgt Ion:104 Resp: 952

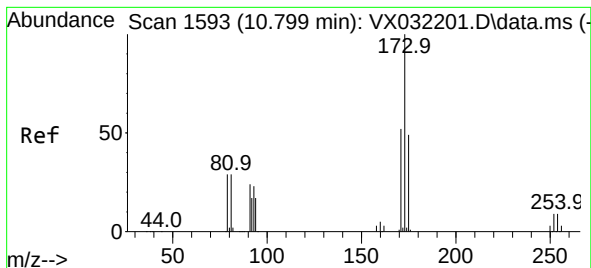
Ion Ratio Lower Upper

104 100

78 48.8 40.8 61.2

103 43.4 44.2 66.2#





#71

Bromoform

Concen: 2.171 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

IBLK

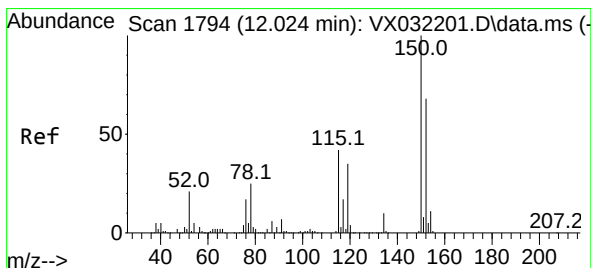
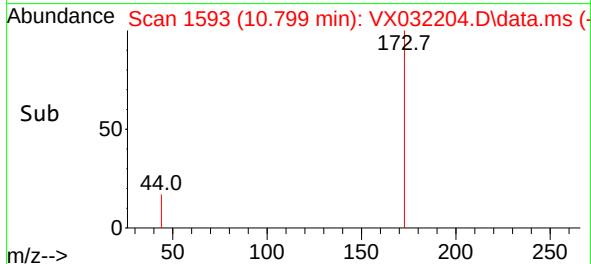
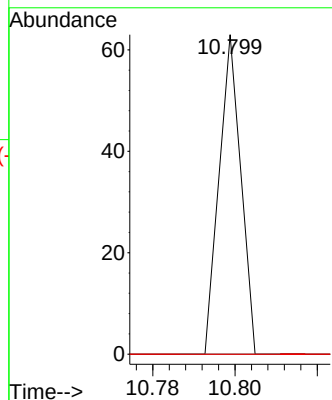
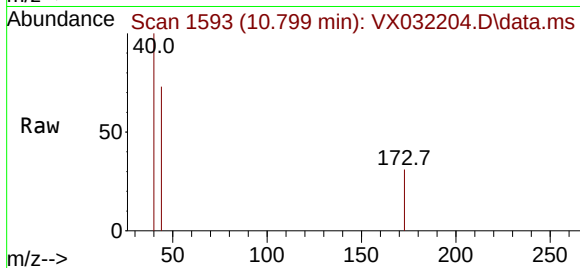
Tgt Ion:173 Resp: 23

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

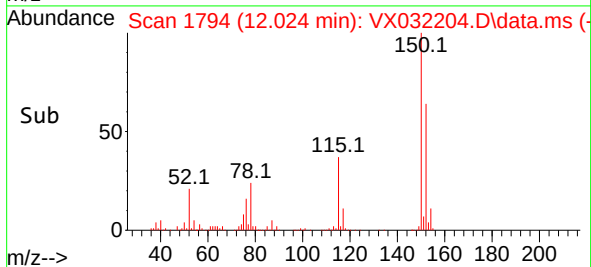
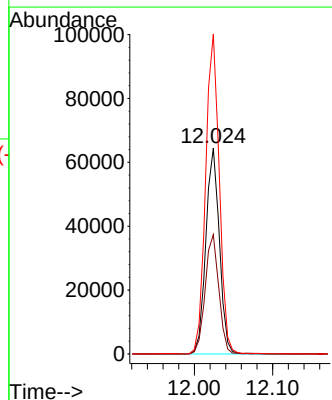
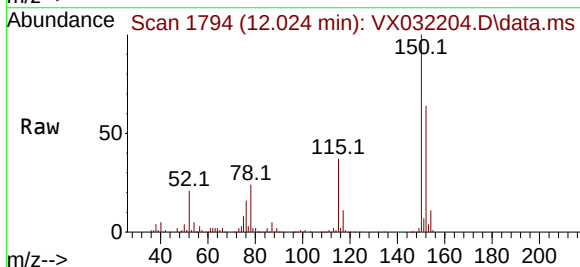
Tgt Ion:152 Resp: 77232

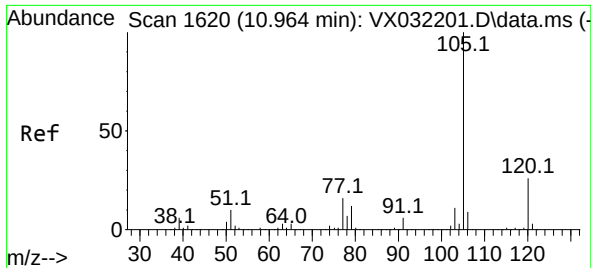
Ion Ratio Lower Upper

152 100

115 58.4 43.1 129.4

150 156.8 0.0 348.6

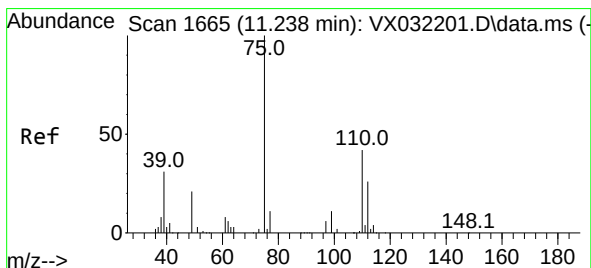
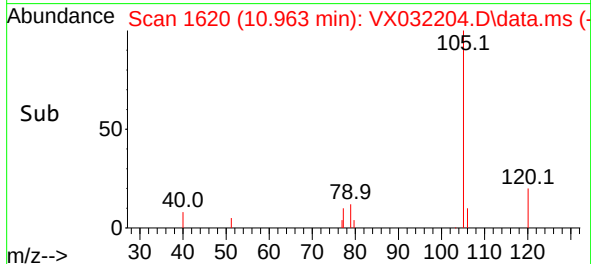
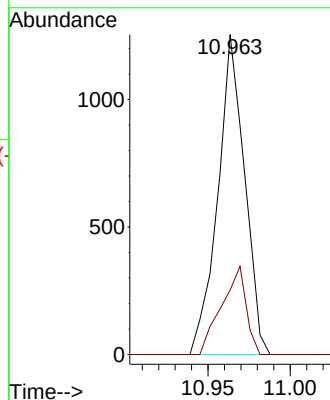
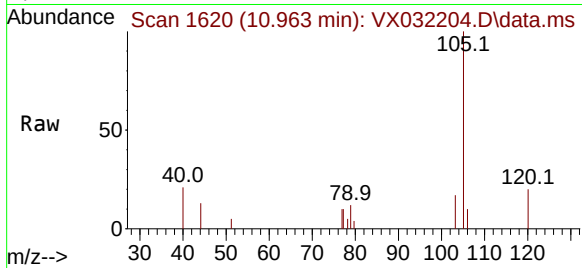




#73
Isopropylbenzene
Concen: 0.257 ug/l
RT: 10.963 min Scan# 1639
Delta R.T. -0.001 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

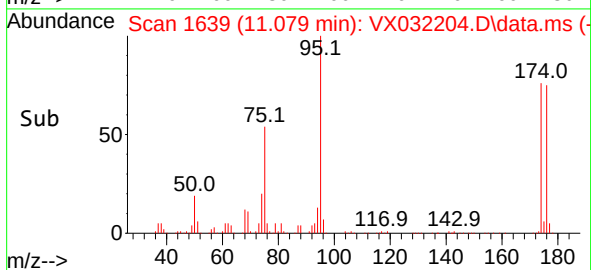
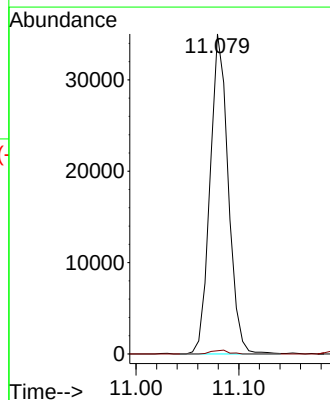
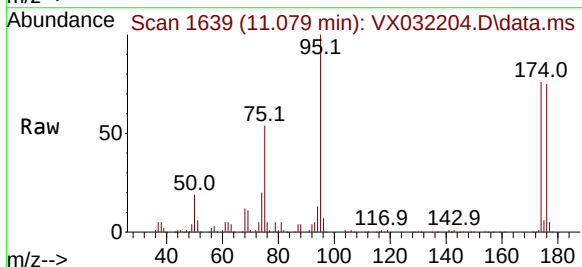
Instrument :
MSVOA_X
ClientSampleId :
IBLK

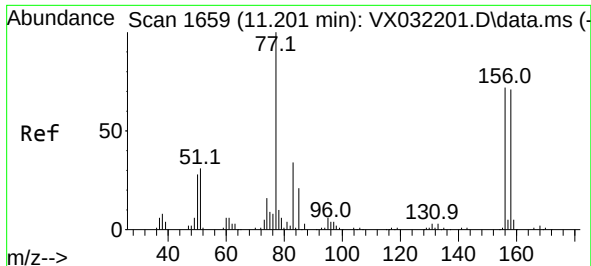
Tgt Ion:105 Resp: 1419
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.6



#76
1,2,3-Trichloropropane
Concen: 28.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 75 Resp: 43253
Ion Ratio Lower Upper
75 100
77 1.1 16.0 47.9#

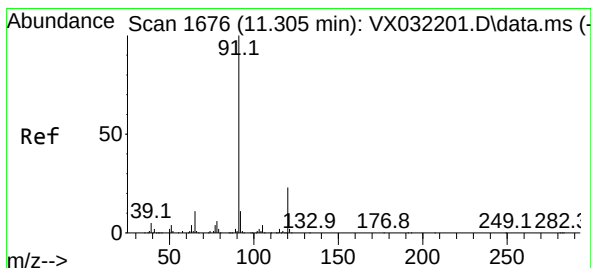
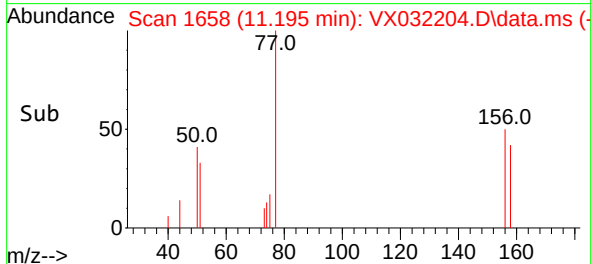
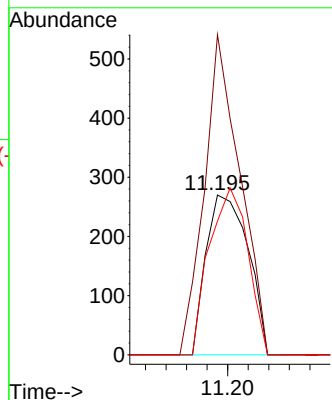
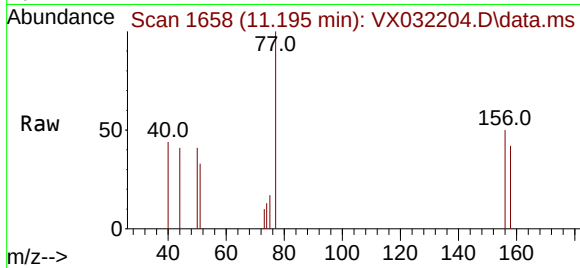




#77
Bromobenzene
Concen: 0.284 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

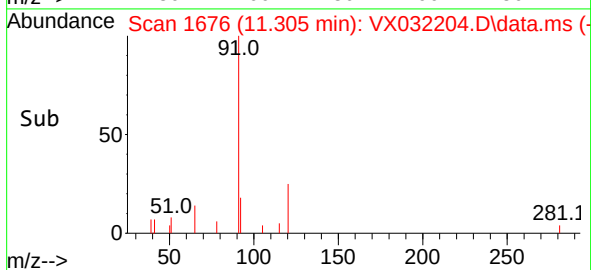
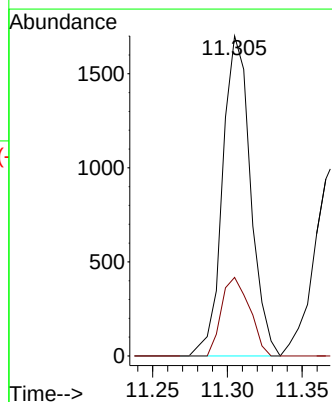
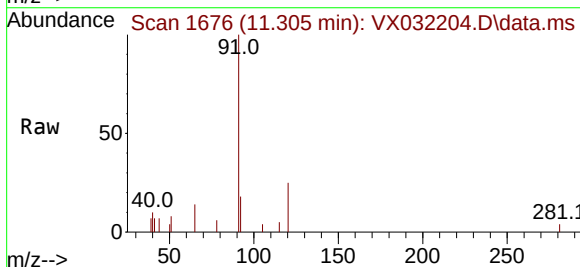
Instrument :
MSVOA_X
ClientSampleId :
IBLK

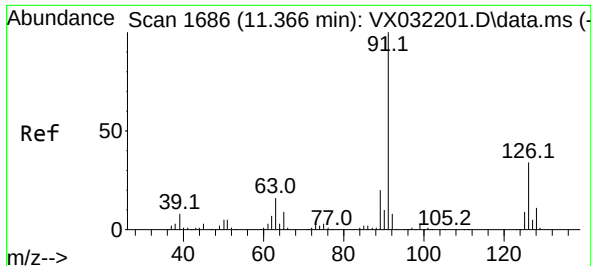
Tgt Ion:156 Resp: 383
Ion Ratio Lower Upper
156 100
77 171.0 75.5 226.5
158 96.1 49.0 147.0



#78
n-propylbenzene
Concen: 0.351 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 91 Resp: 2213
Ion Ratio Lower Upper
91 100
120 24.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 0.347 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

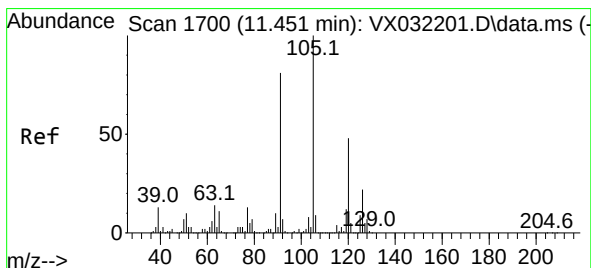
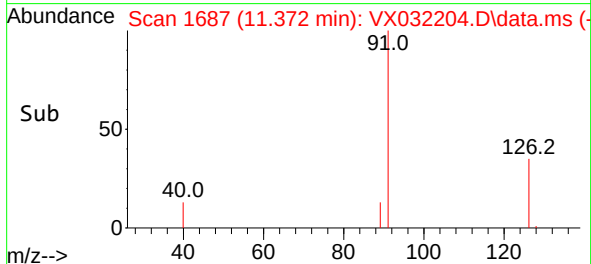
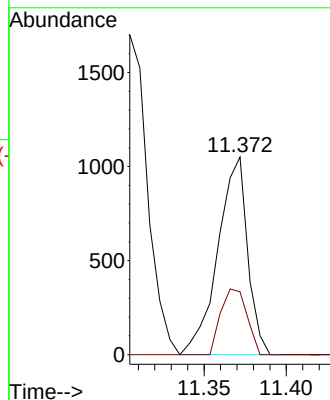
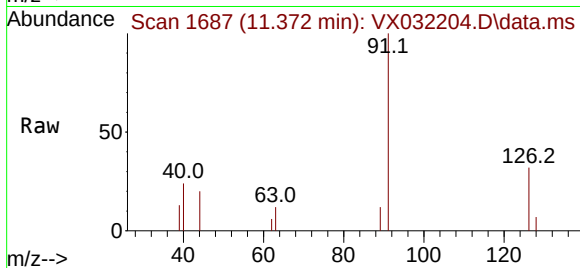
IBLK

Tgt Ion: 91 Resp: 1321

Ion Ratio Lower Upper

91 100

126 29.3 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 0.286 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032204.D

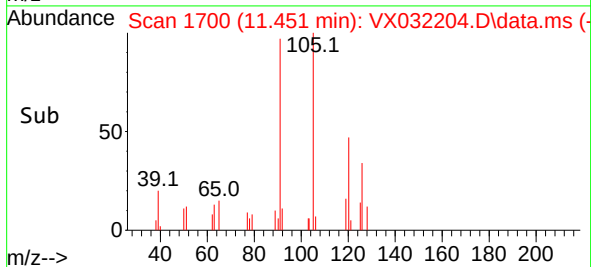
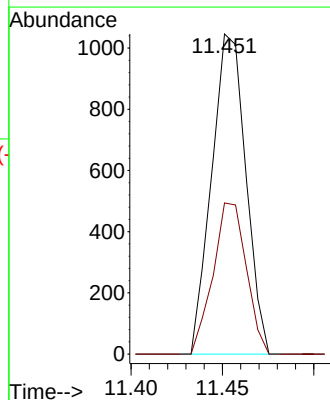
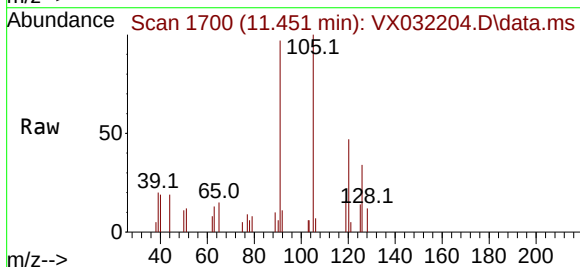
Acq: 19 Oct 2022 13:41

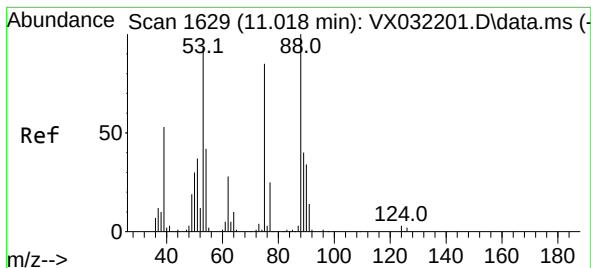
Tgt Ion: 105 Resp: 1359

Ion Ratio Lower Upper

105 100

120 46.0 23.5 70.6

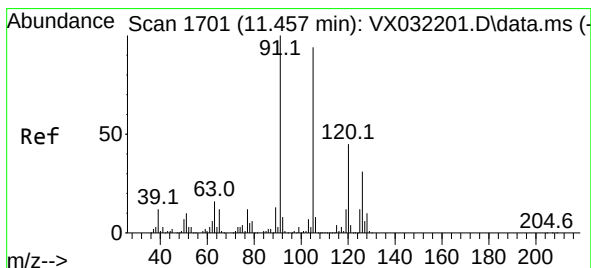
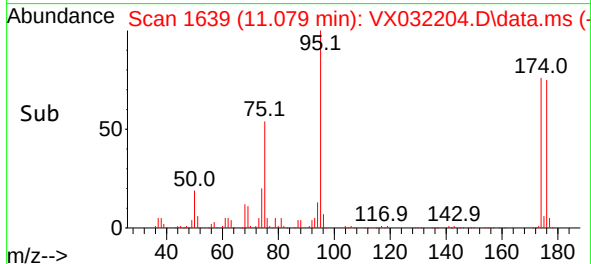
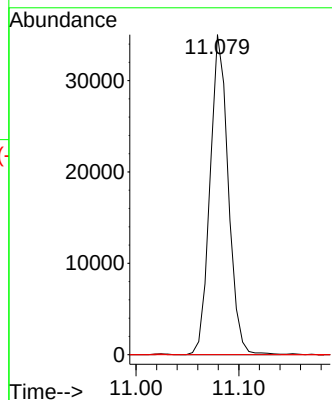
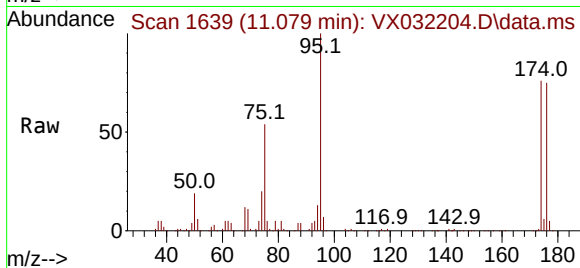




#81
trans-1,4-Dichloro-2-butene
Concen: 86.655 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

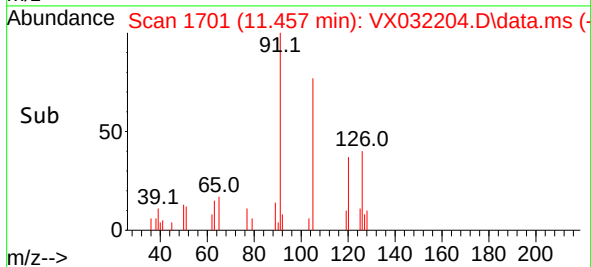
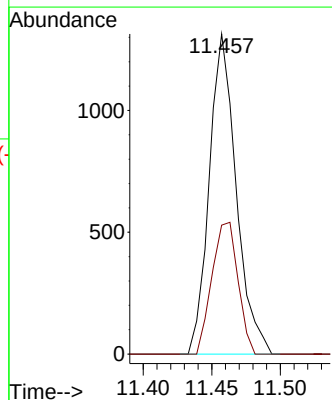
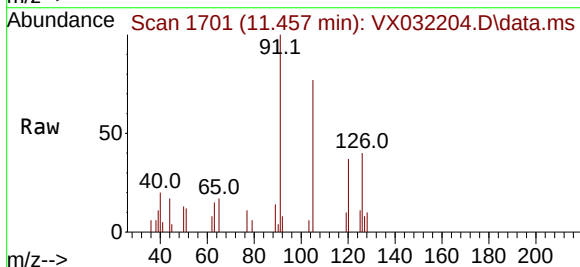
Instrument :
MSVOA_X
ClientSampleId :
IBLK

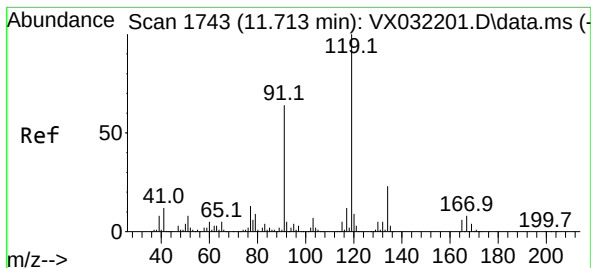
Tgt Ion: 75 Resp: 43253
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 0.406 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion: 91 Resp: 1797
Ion Ratio Lower Upper
91 100
126 39.7 14.9 44.5





#83

tert-Butylbenzene

Concen: 0.247 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

IBLK

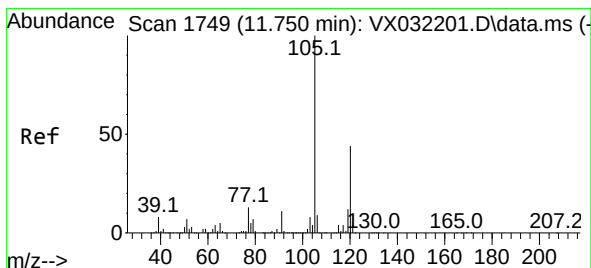
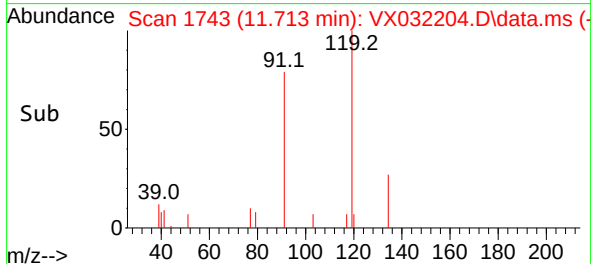
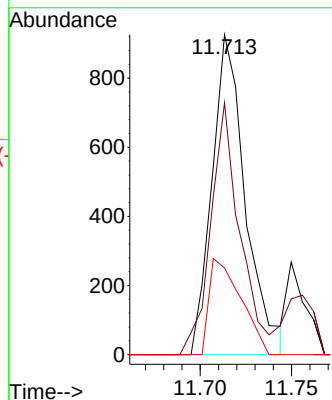
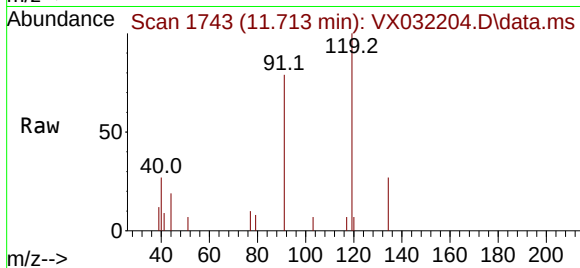
Tgt Ion:119 Resp: 1175

Ion Ratio Lower Upper

119 100

91 68.7 29.1 87.3

134 28.6 11.3 33.8



#84

1,2,4-Trimethylbenzene

Concen: 0.297 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX032204.D

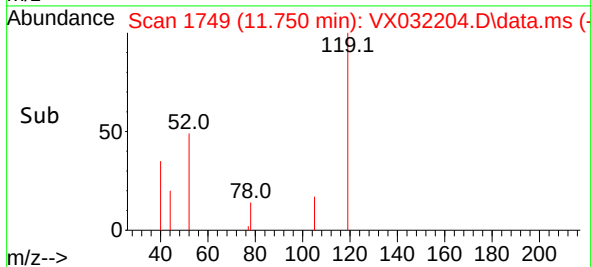
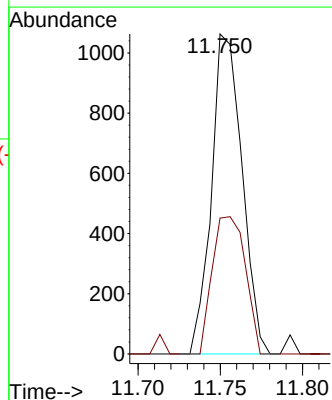
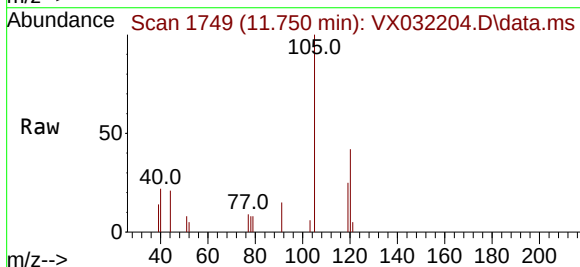
Acq: 19 Oct 2022 13:41

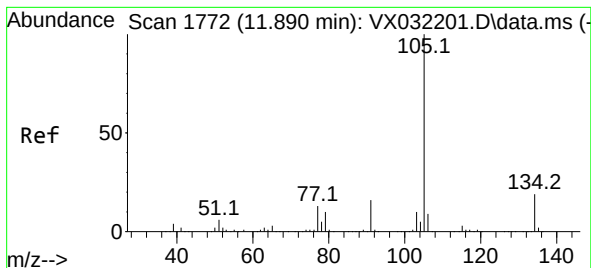
Tgt Ion:105 Resp: 1374

Ion Ratio Lower Upper

105 100

120 46.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 0.335 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

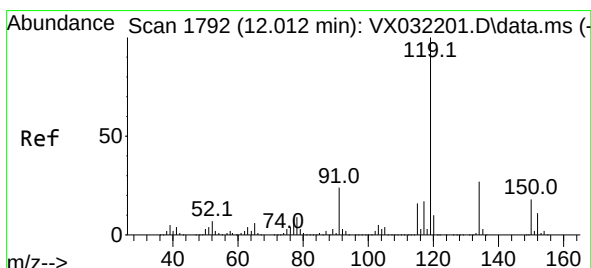
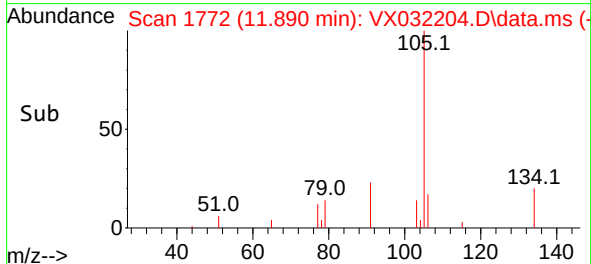
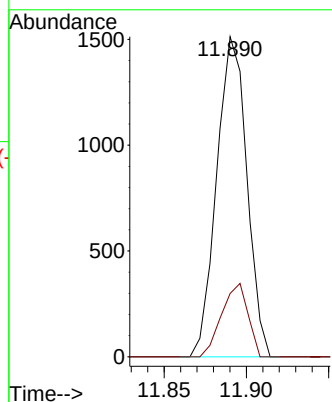
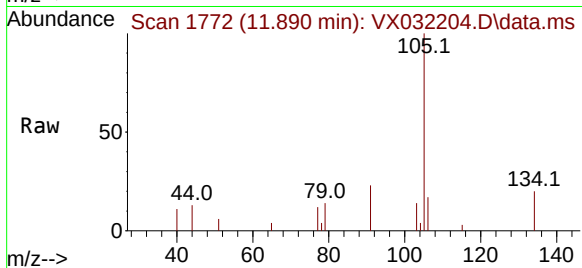
IBLK

Tgt Ion:105 Resp: 1929

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.3



#86

p-Isopropyltoluene

Concen: 0.371 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

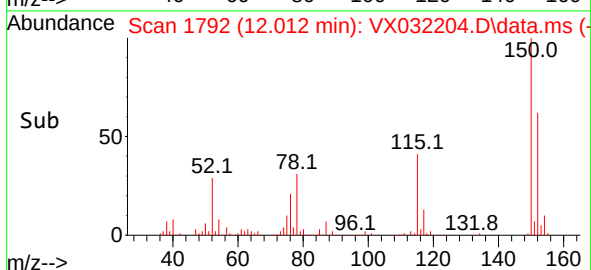
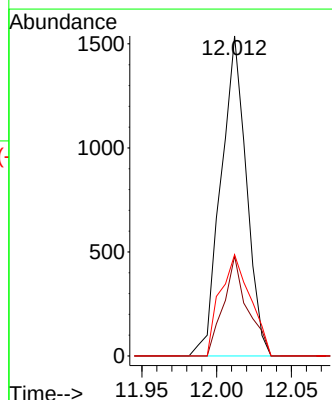
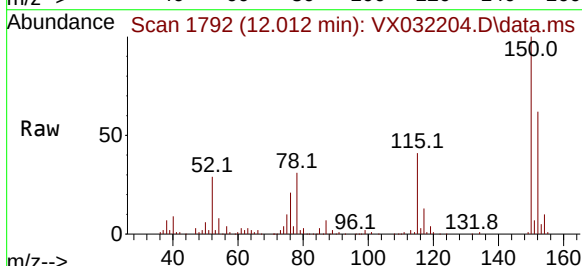
Tgt Ion:119 Resp: 1817

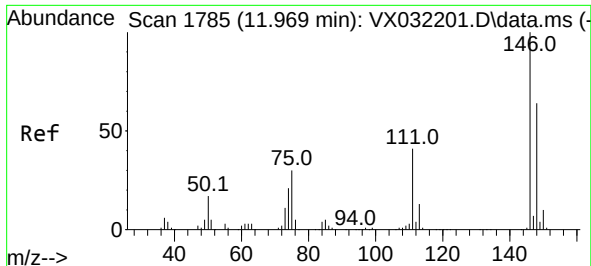
Ion Ratio Lower Upper

119 100

134 29.4 13.2 39.5

91 37.7 12.4 37.2#





#87

1,3-Dichlorobenzene

Concen: 0.507 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

IBLK

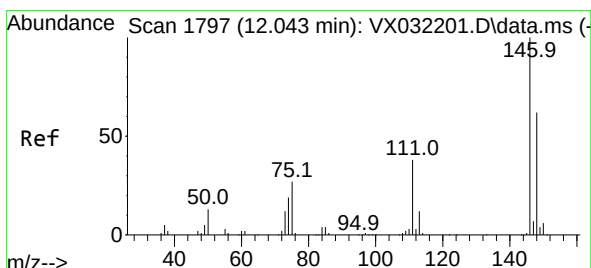
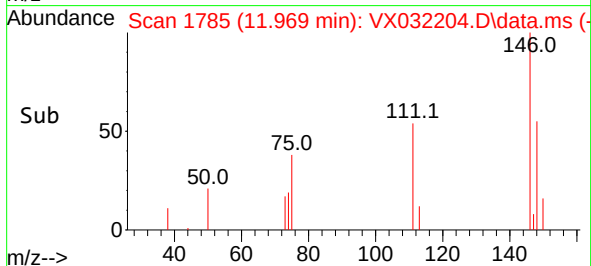
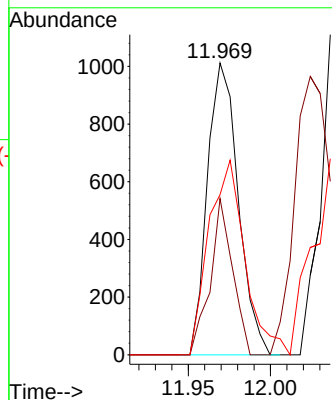
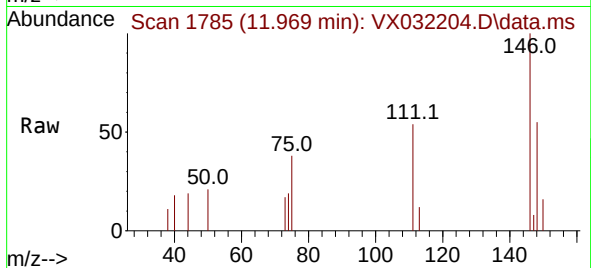
Tgt Ion:146 Resp: 1319

Ion Ratio Lower Upper

146 100

111 38.6 20.3 61.0

148 77.9 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.494 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.074 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

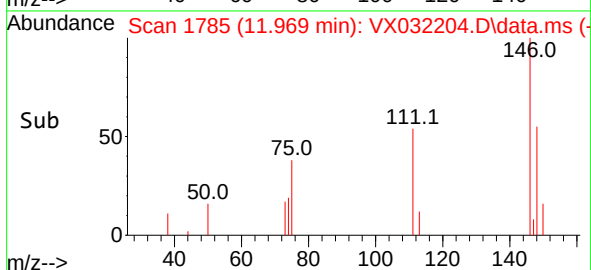
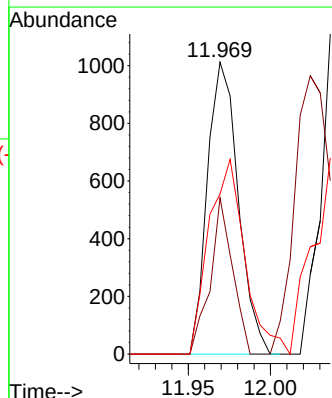
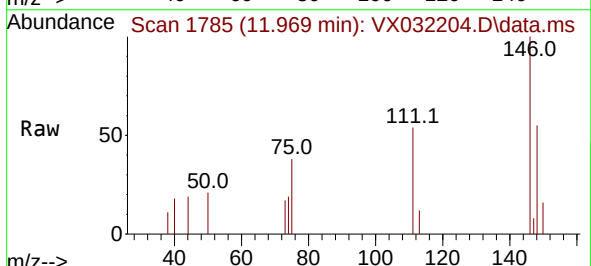
Tgt Ion:146 Resp: 1319

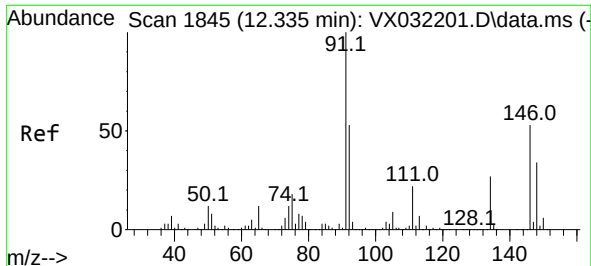
Ion Ratio Lower Upper

146 100

111 38.6 19.8 59.4

148 77.9 31.9 95.9





#89

n-Butylbenzene

Concen: 0.523 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032204.D

Acq: 19 Oct 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

IBLK

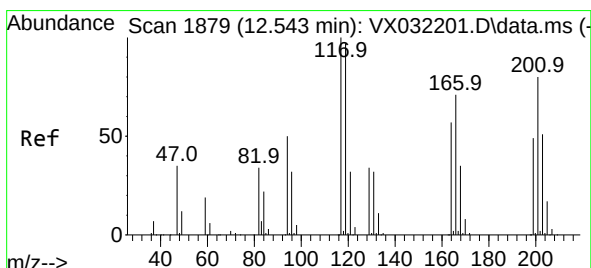
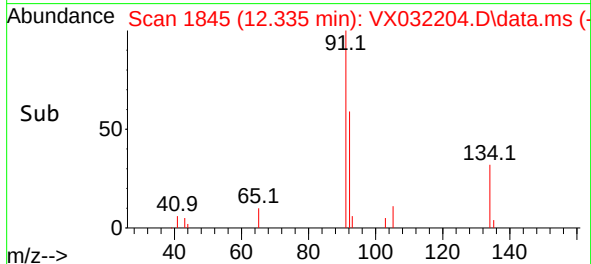
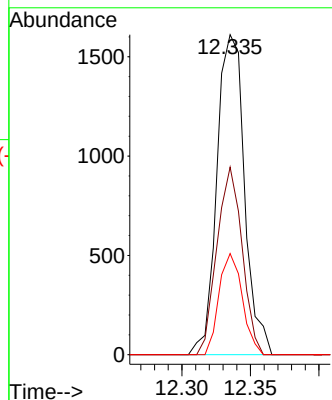
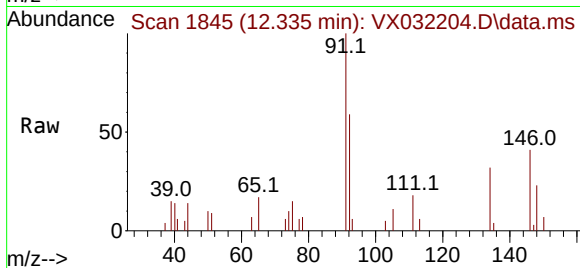
Tgt Ion: 91 Resp: 2258

Ion Ratio Lower Upper

91 100

92 53.4 26.3 78.9

134 26.6 13.0 39.0



#90

Hexachloroethane

Concen: 0.264 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.007 min

Lab File: VX032204.D

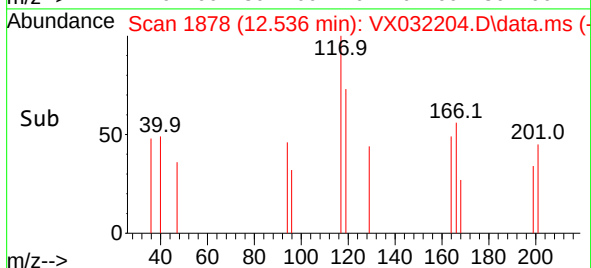
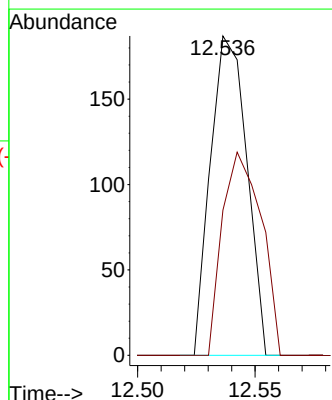
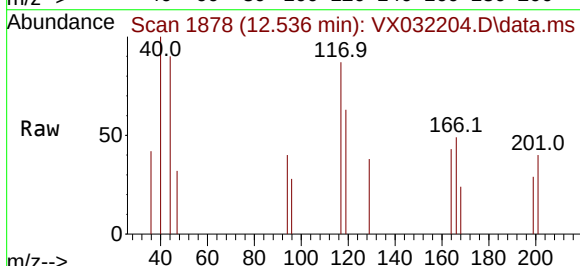
Acq: 19 Oct 2022 13:41

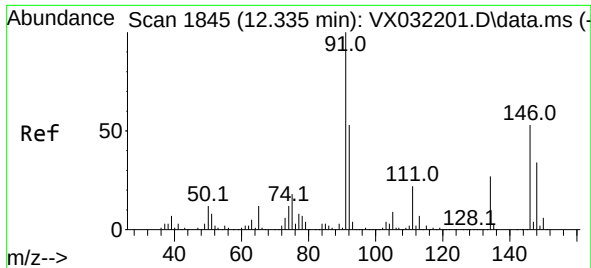
Tgt Ion: 117 Resp: 201

Ion Ratio Lower Upper

117 100

201 68.7 38.5 115.3

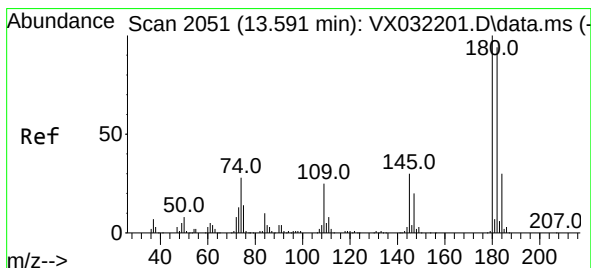
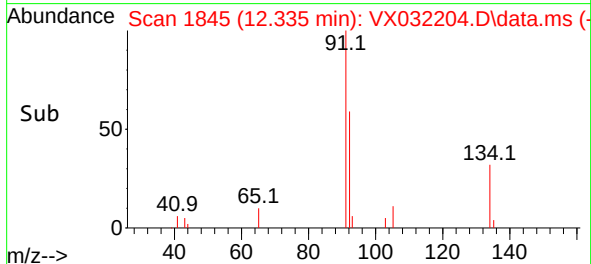
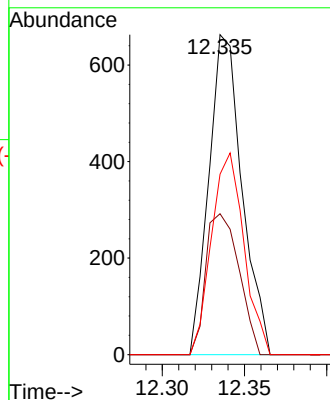
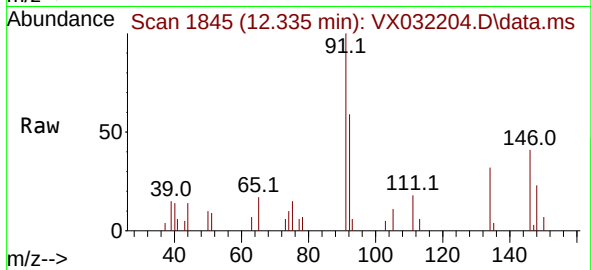




#91
1,2-Dichlorobenzene
Concen: 0.365 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

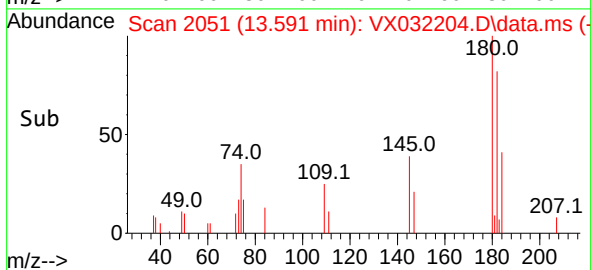
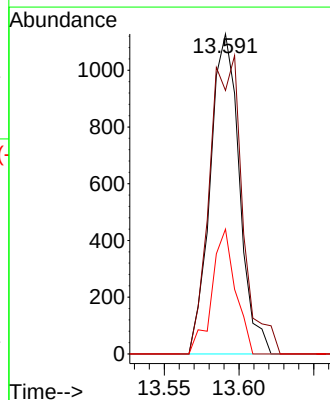
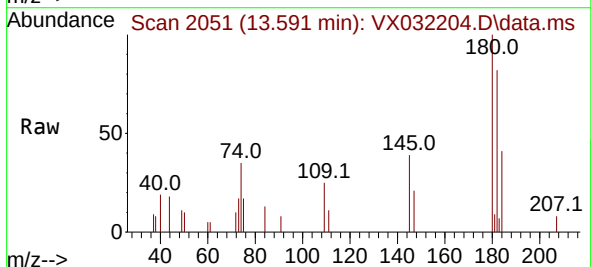
Instrument :
MSVOA_X
ClientSampleId :
IBLK

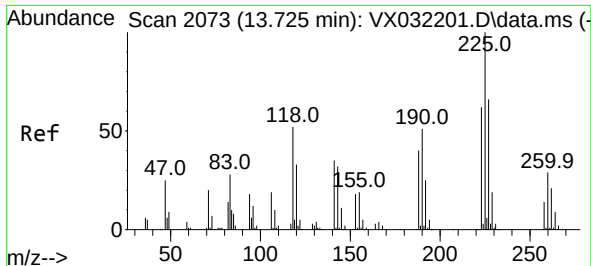
Tgt Ion:146 Resp: 932
Ion Ratio Lower Upper
146 100
111 44.1 21.1 63.1
148 61.6 32.3 96.8



#93
1,2,4-Trichlorobenzene
Concen: 0.920 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

Tgt Ion:180 Resp: 1529
Ion Ratio Lower Upper
180 100
182 104.8 46.8 140.3
145 31.5 15.6 46.7

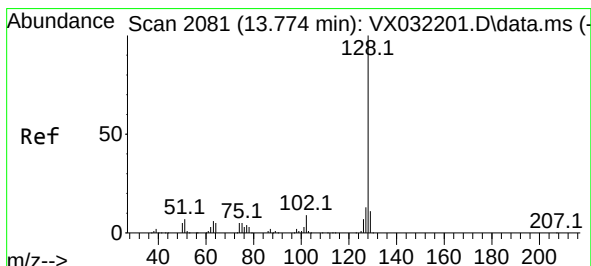
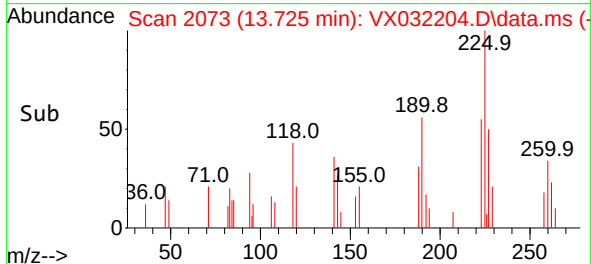
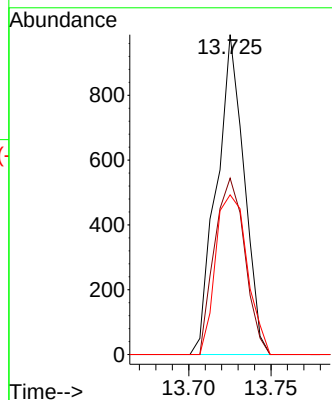
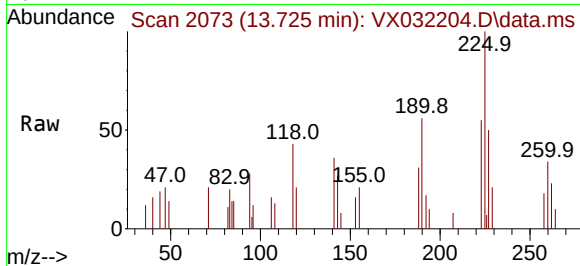




#94
Hexachlorobutadiene
Concen: 1.591 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

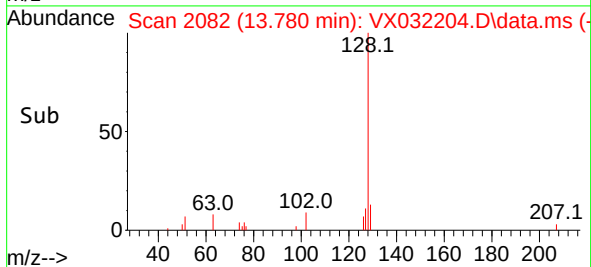
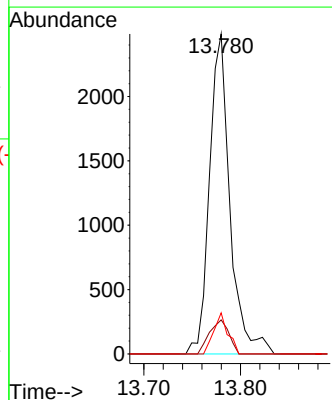
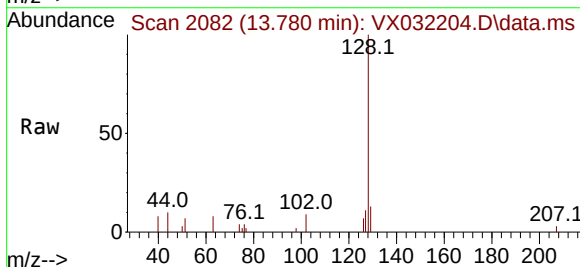
Instrument :
MSVOA_X
ClientSampleId :
IBLK

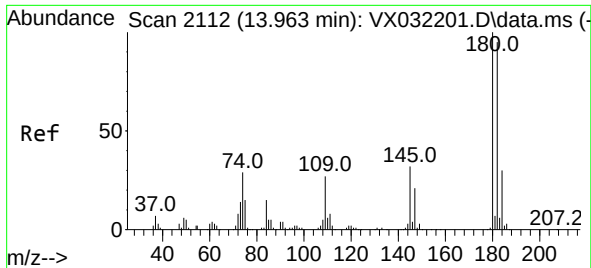
Tgt Ion:	225	Resp:	1147
Ion Ratio	Lower	Upper	
225	100		
223	60.9	31.4	94.3
227	57.7	32.0	96.0



#95
Naphthalene
Concen: 0.685 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX032204.D
Acq: 19 Oct 2022 13:41

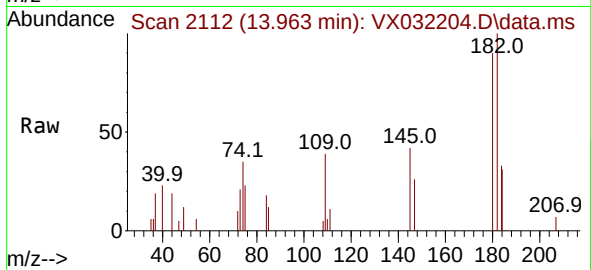
Tgt Ion:	128	Resp:	3648
Ion Ratio	Lower	Upper	
128	100		
127	10.1	10.3	15.5#
129	8.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.793 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX032204.D
 Acq: 19 Oct 2022 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	1326
Ion	Ratio	Lower	Upper
180	100		
182	106.4	47.4	142.2
145	34.4	16.5	49.5

