

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
 Data File : VU054271.D
 Acq On : 25 May 2023 16:23
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: May 26 06:42:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	285912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	455448	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	421439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	222352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	178563	47.642	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.280%		
35) Dibromofluoromethane	5.282	113	145563	49.630	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.260%		
50) Toluene-d8	7.893	98	552372	49.513	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.020%		
62) 4-Bromofluorobenzene	10.629	95	205786	47.573	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.140%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1484	0.465	ug/l	99
3) Chloromethane	1.520	50	3794	0.908	ug/l	97
4) Vinyl Chloride	1.604	62	4790	1.201	ug/l	99
5) Bromomethane	1.858	94	2894	1.311	ug/l	96
6) Chloroethane	1.929	64	1205	0.627	ug/l	98
7) Trichlorofluoromethane	2.134	101	1987	0.362	ug/l #	79
8) Diethyl Ether	2.366	74	82	0.040	ug/l #	5
9) 1,1,2-Trichlorotrifluo...	2.572	101	1440	0.485	ug/l #	88
10) Methyl Iodide	2.720	142	2000	2.867	ug/l #	90
11) Tert butyl alcohol	3.228	59	43	0.042	ug/l #	37
12) 1,1-Dichloroethene	2.575	96	2805	0.912	ug/l	90
13) Acrolein	2.488	56	1787	1.697	ug/l #	79
14) Allyl chloride	2.919	41	3351	0.628	ug/l	96
15) Acrylonitrile	3.321	53	1813	0.799	ug/l #	46
16) Acetone	2.636	43	2181	1.015	ug/l #	82
17) Carbon Disulfide	2.787	76	26289	2.892	ug/l	96
18) Methyl Acetate	2.951	43	1785	0.228	ug/l #	76
19) Methyl tert-butyl Ether	3.356	73	280	0.028	ug/l #	55
20) Methylene Chloride	3.041	84	8989	2.319	ug/l	96
21) trans-1,2-Dichloroethene	3.347	96	6295	1.912	ug/l	94
22) Diisopropyl ether	3.986	45	921	0.097	ug/l #	11
23) Vinyl Acetate	3.970	43	5787	0.839	ug/l #	84
24) 1,1-Dichloroethane	3.861	63	1163	0.192	ug/l #	82
25) 2-Butanone	4.729	43	920	0.323	ug/l	91
26) 2,2-Dichloropropane	4.658	77	675	0.128	ug/l #	72
27) cis-1,2-Dichloroethene	4.665	96	3750	1.024	ug/l	89
28) Bromochloromethane	4.970	49	2109	0.753	ug/l #	89
29) Tetrahydrofuran	5.060	42	1653	0.925	ug/l #	66
30) Chloroform	5.089	83	1696	0.276	ug/l #	78
31) Cyclohexane	5.372	56	7093	1.340	ug/l #	17
32) 1,1,1-Trichloroethane	5.314	97	907	0.170	ug/l #	24
36) 1,1-Dichloropropene	5.520	75	4948	1.074	ug/l	97
37) Ethyl Acetate	4.835	43	333	0.059	ug/l #	71
38) Carbon Tetrachloride	5.517	117	1232	0.261	ug/l #	78
39) Methylcyclohexane	6.755	83	2640	0.506	ug/l	97
40) Benzene	5.774	78	6142	0.467	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	112	0.043	ug/l #	21
42) 1,2-Dichloroethane	5.793	62	2129	0.446	ug/l	94
43) Isopropyl Acetate	5.919	43	1636	0.211	ug/l #	58
44) Trichloroethene	6.536	130	4481	1.220	ug/l	99
45) 1,2-Dichloropropane	6.787	63	611	0.178	ug/l	100
46) Dibromomethane	6.912	93	1977	0.784	ug/l	91
47) Bromodichloromethane	7.102	83	1401	0.297	ug/l #	75
48) Methyl methacrylate	6.967	41	600	0.175	ug/l #	74
49) 1,4-Dioxane	7.006	88	312	3.147	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	13407	2.594	ug/l	89
52) Toluene	7.970	92	5823	0.695	ug/l	98
53) t-1,3-Dichloropropene	8.208	75	4818	0.892	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	3155	0.560	ug/l	90
55) 1,1,2-Trichloroethane	8.391	97	886	0.255	ug/l #	93
56) Ethyl methacrylate	8.337	69	1991	0.385	ug/l	91
57) 1,3-Dichloropropane	8.575	76	1914	0.320	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.462	63	70	0.211	ug/l #	46
59) 2-Hexanone	8.687	43	19056	4.668	ug/l	92
60) Dibromochloromethane	8.809	129	1055	0.299	ug/l	97
61) 1,2-Dibromoethane	8.922	107	2061	0.545	ug/l	96
64) Tetrachloroethene	8.546	164	3073	0.969	ug/l #	79
65) Chlorobenzene	9.443	112	10741	1.219	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.533	131	557	0.174	ug/l #	57
67) Ethyl Benzene	9.568	91	12302	0.817	ug/l	95
68) m/p-Xylenes	9.690	106	9939	1.741	ug/l	100
69) o-Xylene	10.102	106	3686	0.667	ug/l	99
70) Styrene	10.115	104	9860	1.076	ug/l	96
71) Bromoform	10.288	173	921	0.332	ug/l #	94
73) Isopropylbenzene	10.481	105	10311	0.749	ug/l	97
74) N-amyl acetate	10.321	43	11924	2.039	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.780	83	2475	0.444	ug/l #	96
76) 1,2,3-Trichloropropane	10.819	75	3565	0.549	ug/l #	43
77) Bromobenzene	10.780	156	5811	1.537	ug/l	82
78) n-propylbenzene	10.903	91	21793	1.292	ug/l	96
79) 2-Chlorotoluene	10.983	91	11311	1.108	ug/l	94
80) 1,3,5-Trimethylbenzene	11.083	105	9948	0.849	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.626	75	104051	61.055	ug/l #	15
82) 4-Chlorotoluene	11.095	91	18002	1.502	ug/l	95
83) tert-Butylbenzene	11.417	119	9666	0.825	ug/l	87
84) 1,2,4-Trimethylbenzene	11.462	105	12114	1.040	ug/l	97
85) sec-Butylbenzene	11.639	105	18396	1.238	ug/l	99
86) p-Isopropyltoluene	11.790	119	16132	1.291	ug/l	92
87) 1,3-Dichlorobenzene	11.742	146	14374	1.963	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	16736	2.188	ug/l	82
89) n-Butylbenzene	12.205	91	28516	2.424	ug/l	98
90) Hexachloroethane	12.468	117	1170	0.529	ug/l	82
91) 1,2-Dichlorobenzene	12.211	146	12250	1.701	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	1509	1.187	ug/l	96
93) 1,2,4-Trichlorobenzene	13.835	180	19412	5.314	ug/l	95
94) Hexachlorobutadiene	14.015	225	6653	3.581	ug/l	95
95) Naphthalene	14.082	128	85543	6.986	ug/l	98
96) 1,2,3-Trichlorobenzene	14.324	180	22090	5.505	ug/l	97

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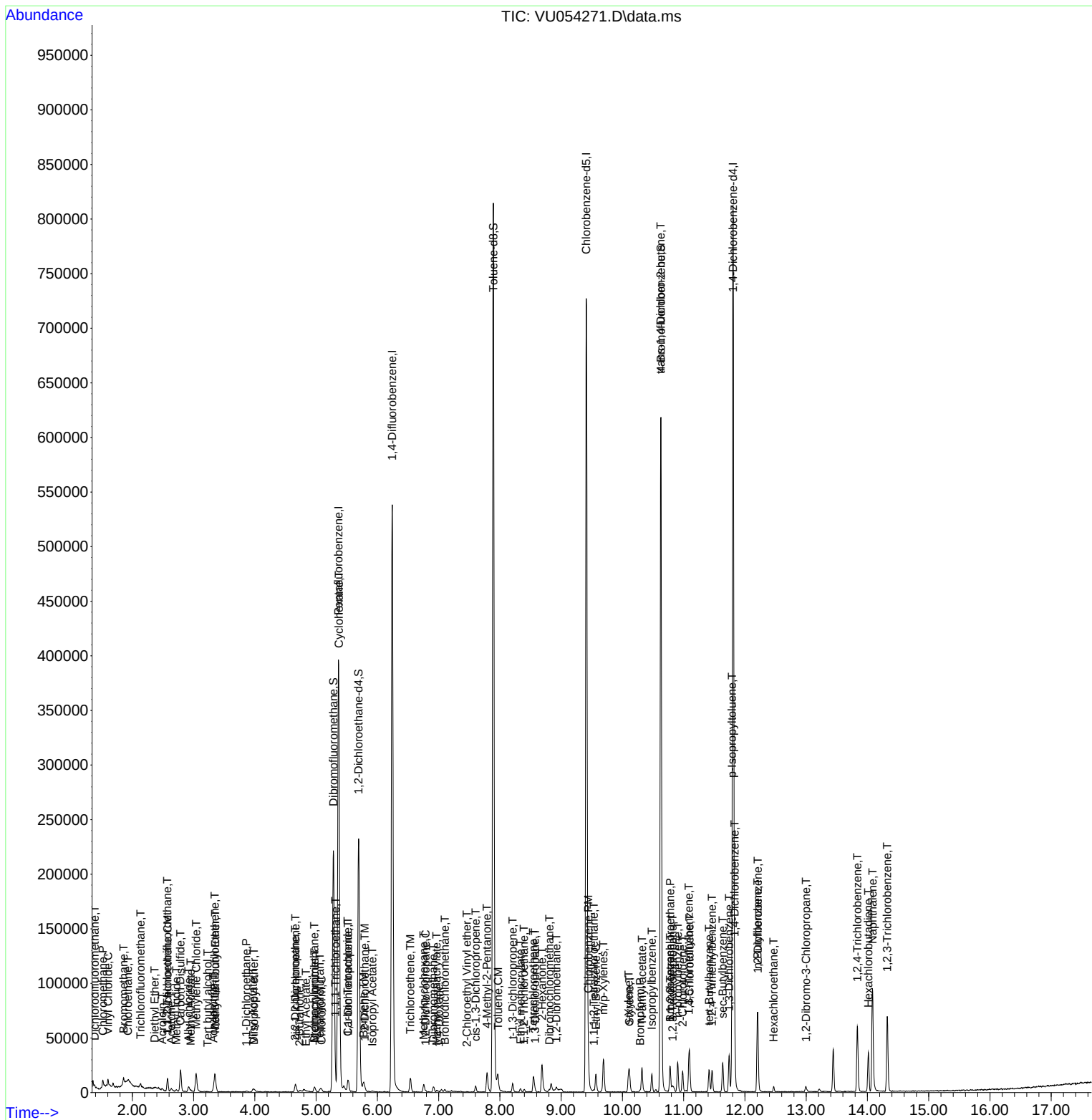
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

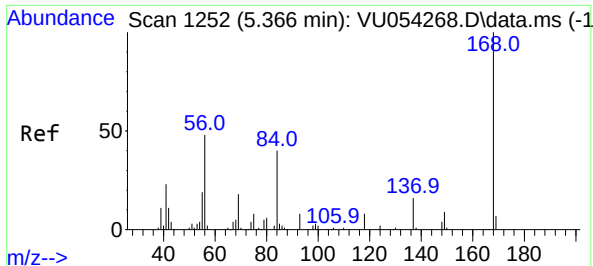
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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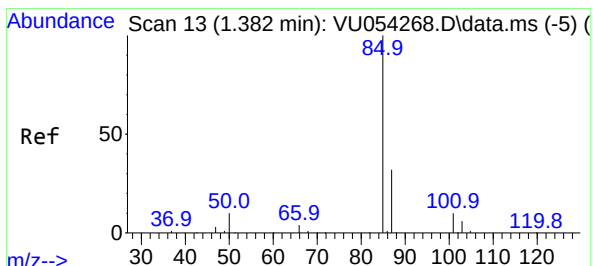
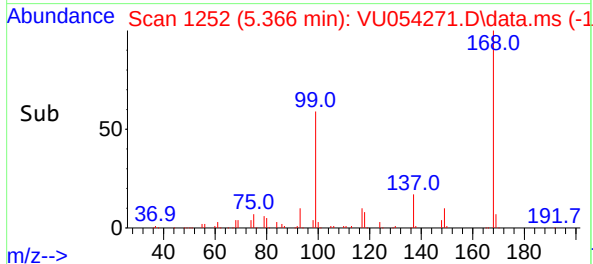
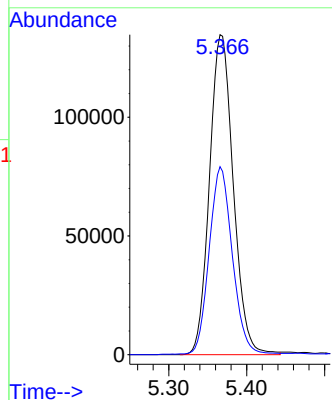
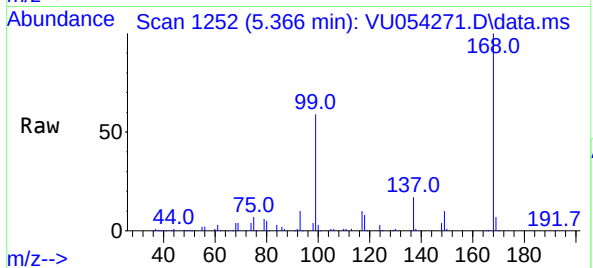




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054271.D
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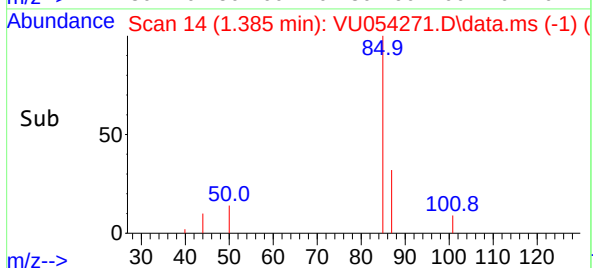
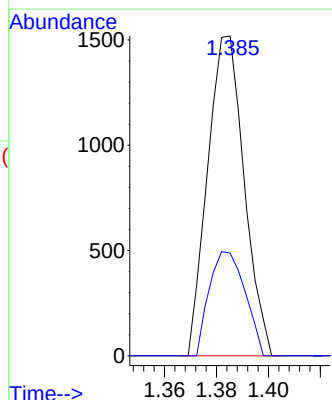
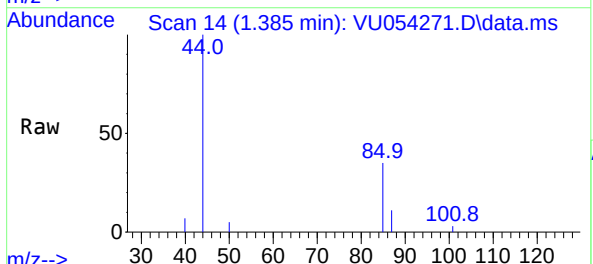
Instrument :
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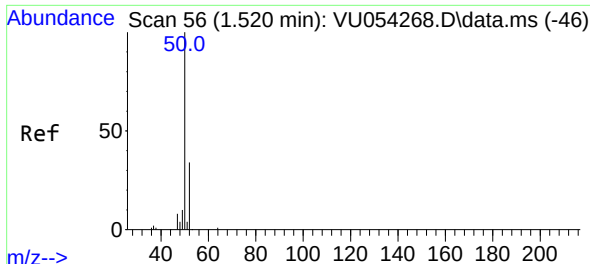
Tgt Ion:168 Resp: 285912
Ion Ratio Lower Upper
168 100
99 58.5 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 0.465 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 85 Resp: 1484
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.2

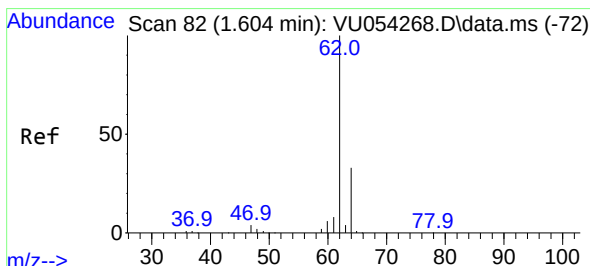
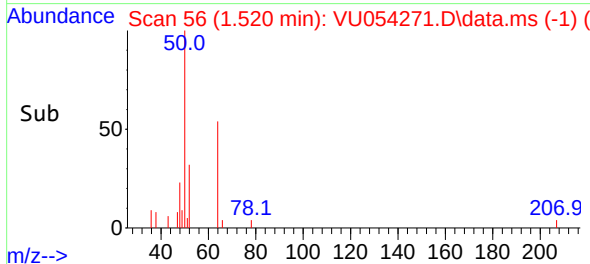
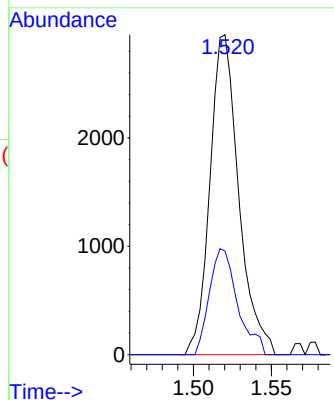
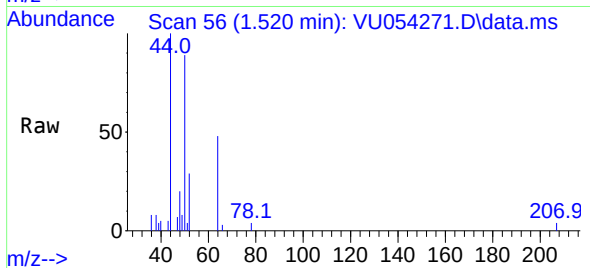




#3
Chloromethane
Concen: 0.908 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

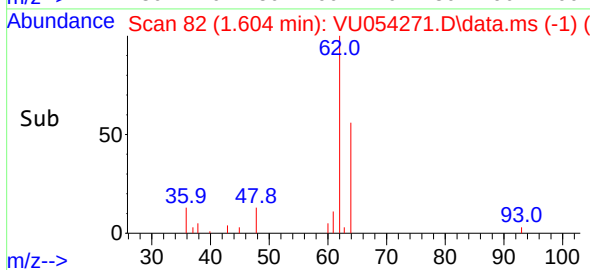
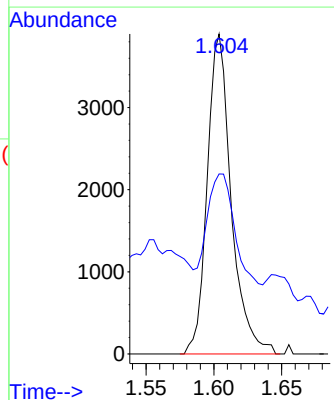
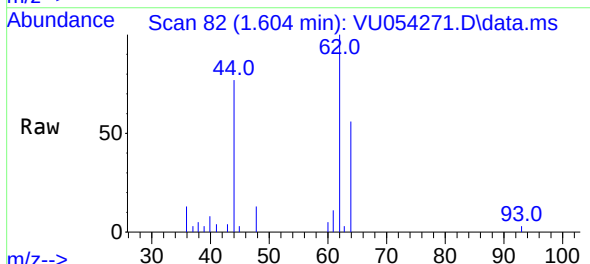
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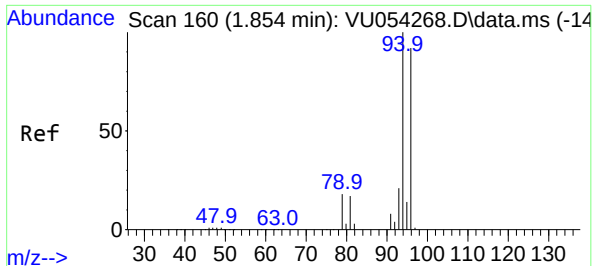
Tgt Ion: 50 Resp: 3794
Ion Ratio Lower Upper
50 100
52 32.4 27.4 41.2



#4
Vinyl Chloride
Concen: 1.201 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 62 Resp: 4790
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9

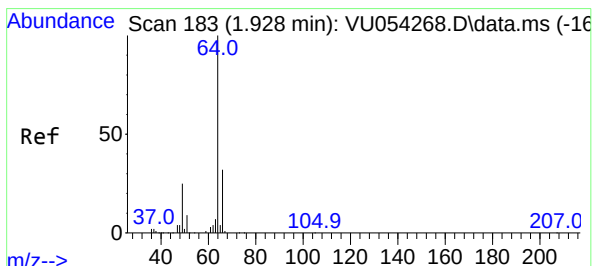
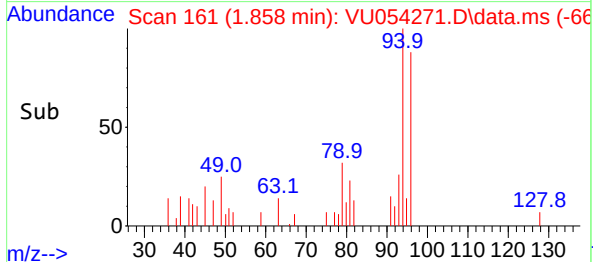
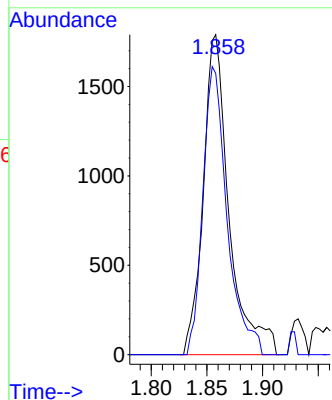
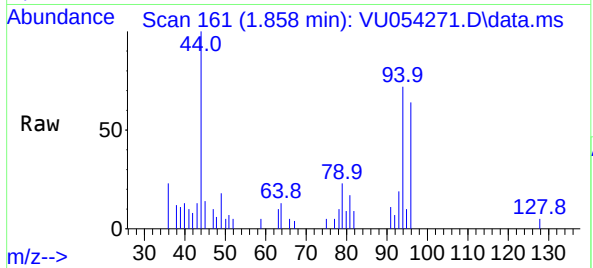




#5
Bromomethane
Concen: 1.311 ug/l
RT: 1.858 min Scan# 160
Delta R.T. 0.004 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

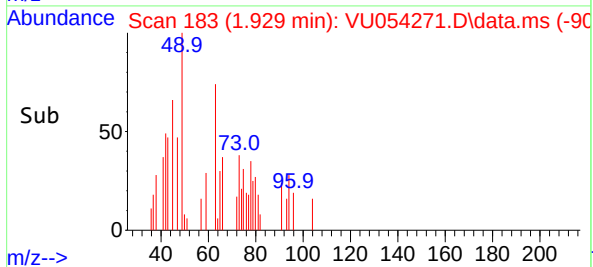
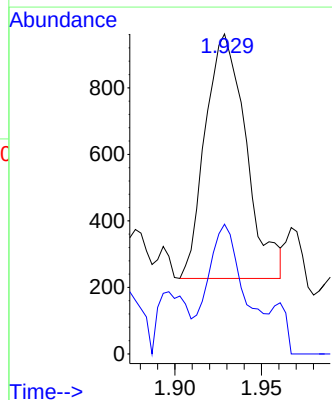
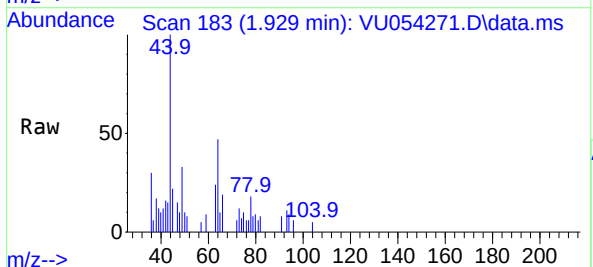
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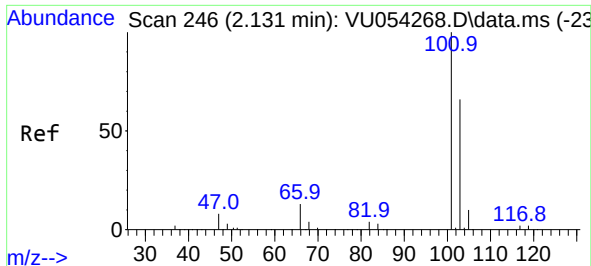
Tgt Ion: 94 Resp: 2894
Ion Ratio Lower Upper
94 100
96 87.9 73.7 110.5



#6
Chloroethane
Concen: 0.627 ug/l
RT: 1.929 min Scan# 183
Delta R.T. 0.001 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 64 Resp: 1205
Ion Ratio Lower Upper
64 100
66 32.1 24.7 37.1

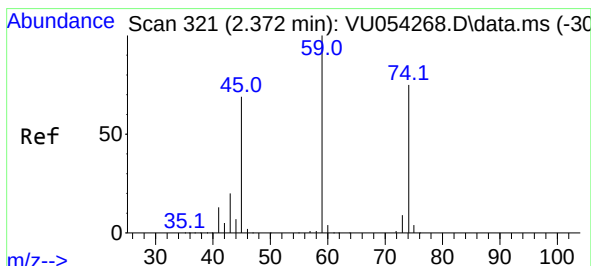
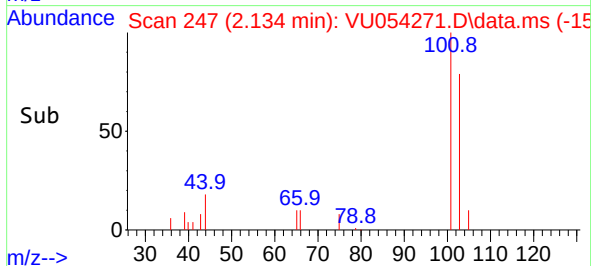
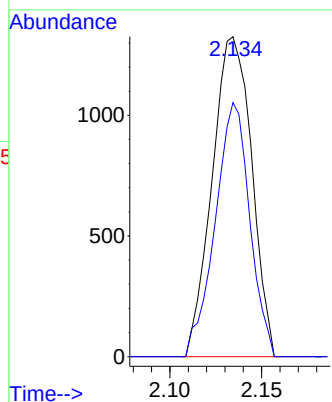
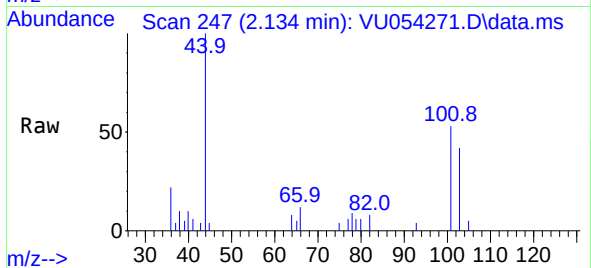




#7
Trichlorofluoromethane
Concen: 0.362 ug/l
RT: 2.134 min Scan# 246
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

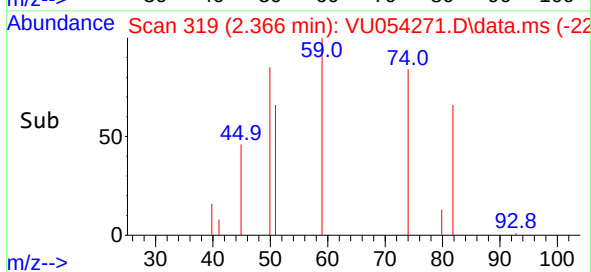
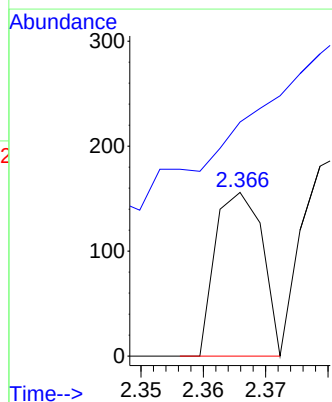
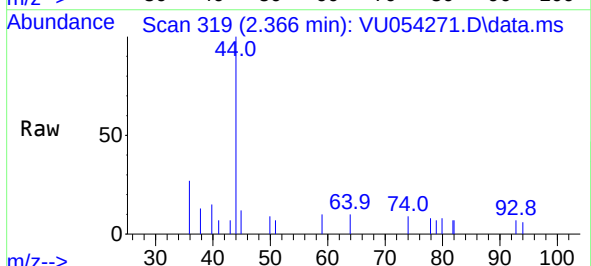
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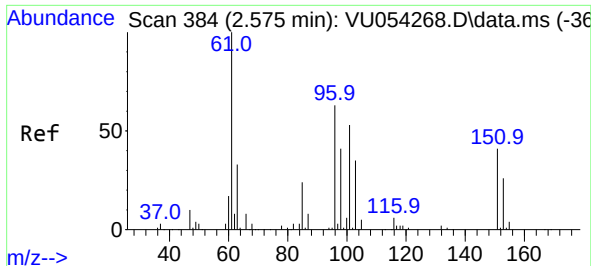
Tgt Ion:101 Resp: 1987
Ion Ratio Lower Upper
101 100
103 79.4 50.6 75.8#



#8
Diethyl Ether
Concen: 0.040 ug/l
RT: 2.366 min Scan# 319
Delta R.T. -0.006 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 74 Resp: 82
Ion Ratio Lower Upper
74 100
45 0.0 44.4 133.2#

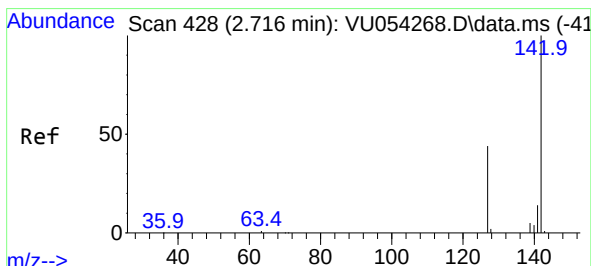
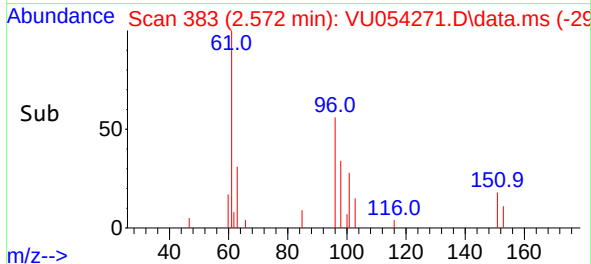
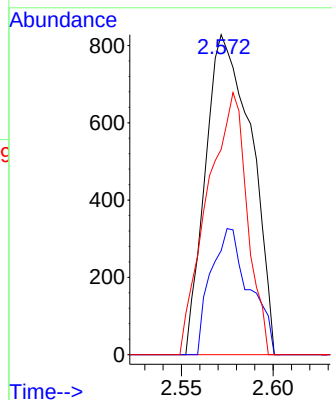
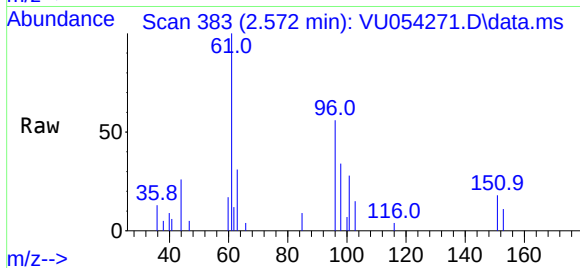




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.485 ug/l
RT: 2.572 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU054271.D
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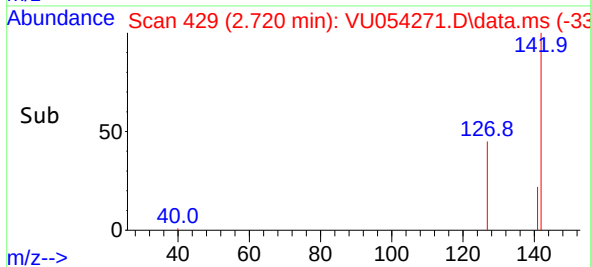
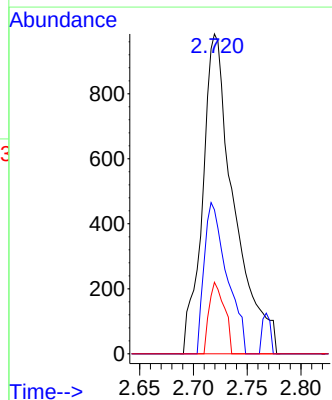
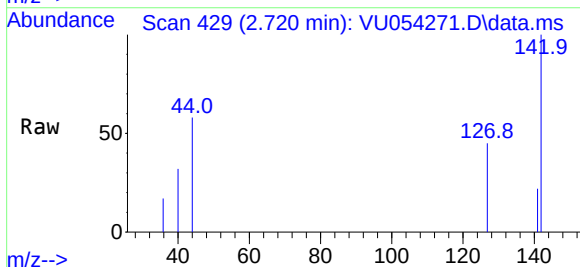
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

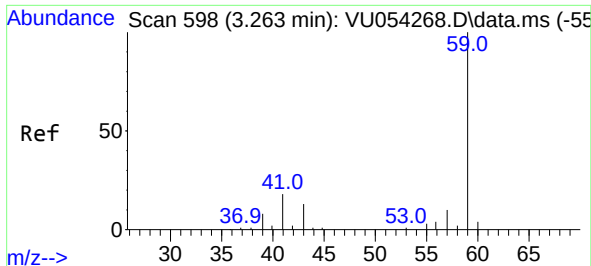
Tgt Ion:101 Resp: 1440
Ion Ratio Lower Upper
101 100
85 33.2 33.9 50.9#
151 71.2 64.0 96.0



#10
Methyl Iodide
Concen: 2.867 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.004 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion:142 Resp: 2000
Ion Ratio Lower Upper
142 100
127 34.1 32.5 48.7
141 10.8 11.4 17.0#

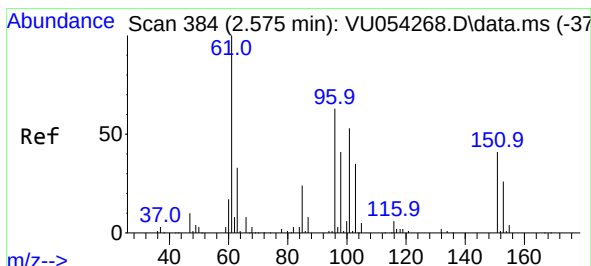
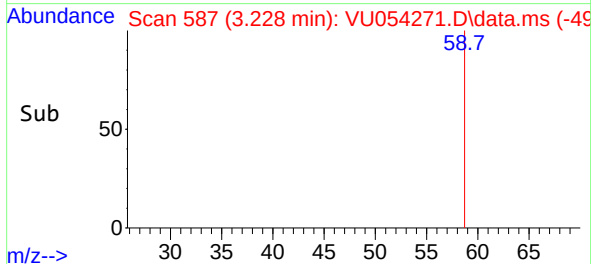
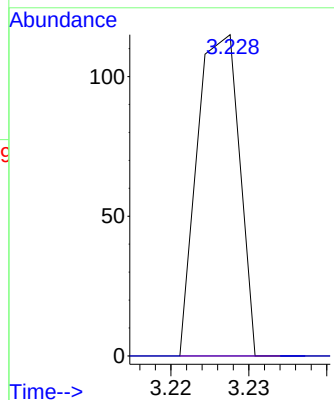
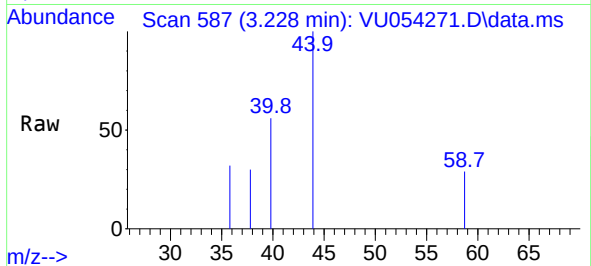




#11
Tert butyl alcohol
Concen: 0.042 ug/l
RT: 3.228 min Scan# 59
Delta R.T. -0.015 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

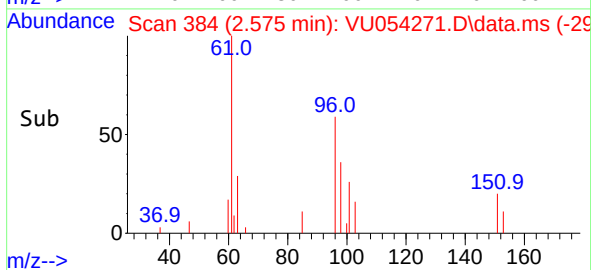
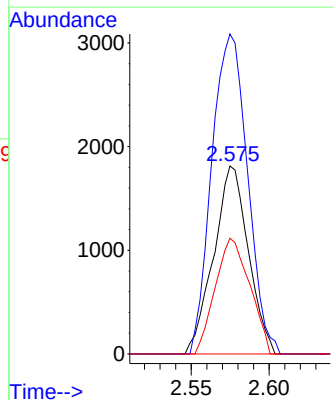
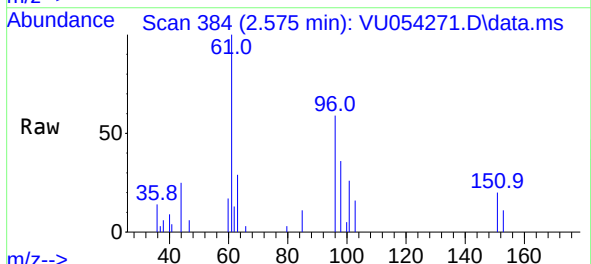
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

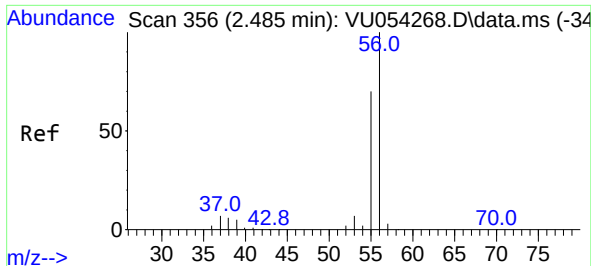
Tgt Ion: 59 Resp: 43
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 0.912 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 96 Resp: 2805
Ion Ratio Lower Upper
96 100
61 170.3 122.2 183.2
98 61.6 50.7 76.1





#13

Acrolein

Concen: 1.697 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

Instrument :

MSVOA_U

ClientSampleId :

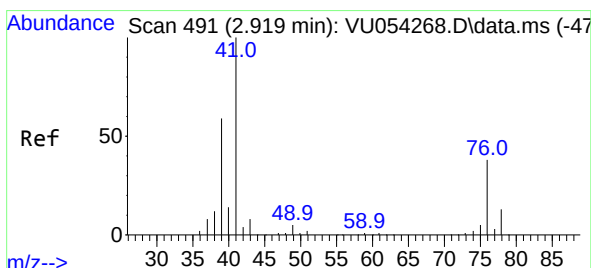
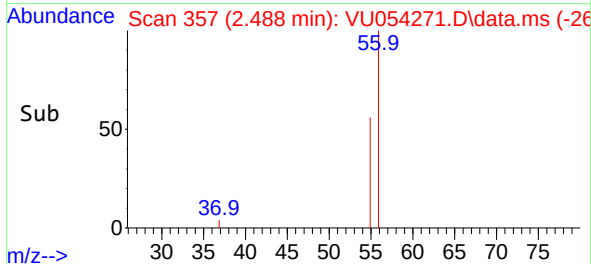
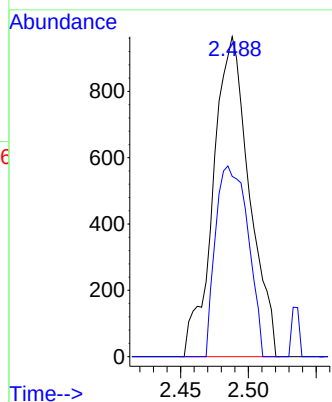
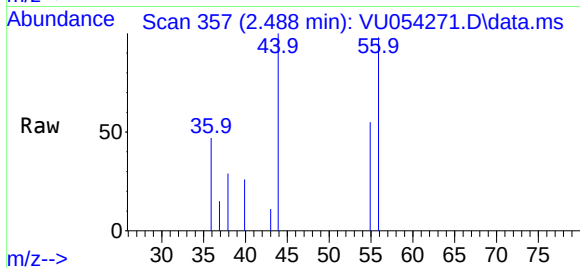
VIBLK

Tgt Ion: 56 Resp: 1787

Ion Ratio Lower Upper

56 100

55 53.2 56.6 85.0#



#14

Allyl chloride

Concen: 0.628 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

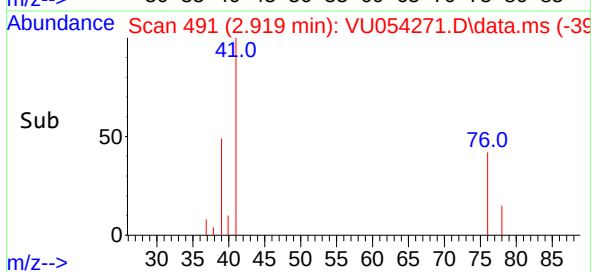
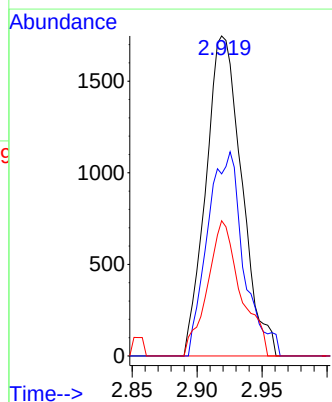
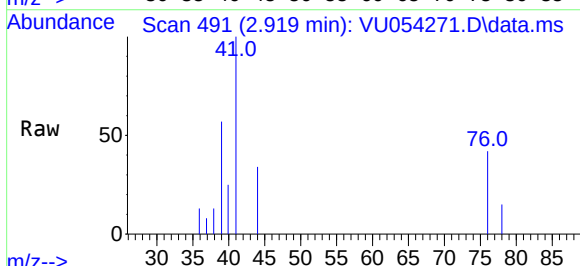
Tgt Ion: 41 Resp: 3351

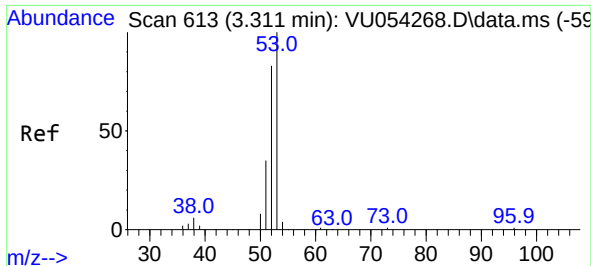
Ion Ratio Lower Upper

41 100

39 64.4 53.4 80.2

76 39.2 33.8 50.6

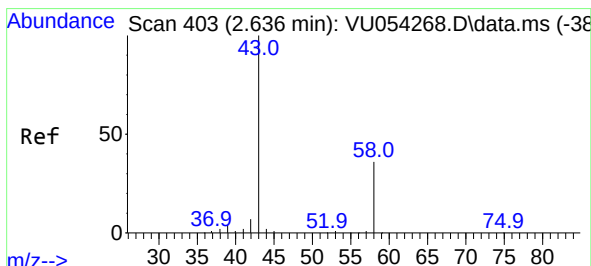
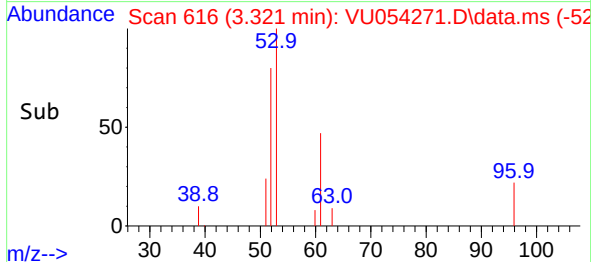
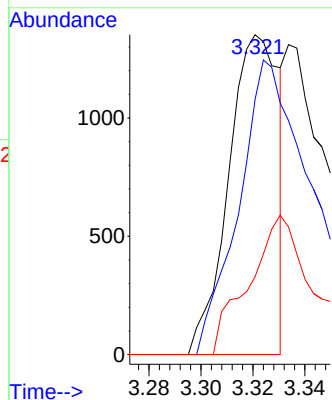
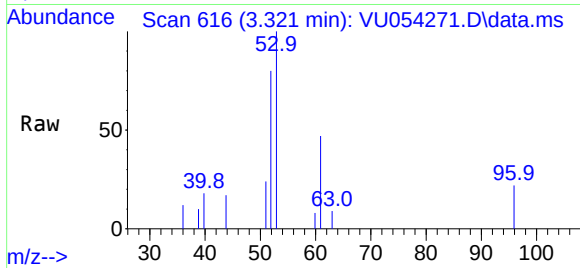




#15
Acrylonitrile
Concen: 0.799 ug/l
RT: 3.321 min Scan# 613
Delta R.T. 0.010 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

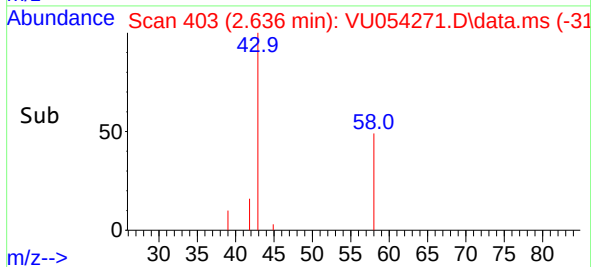
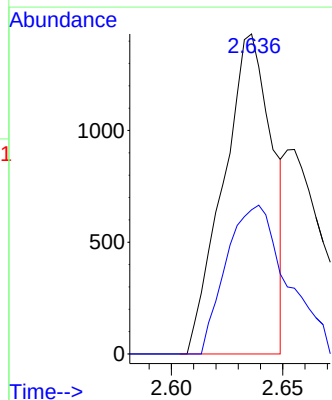
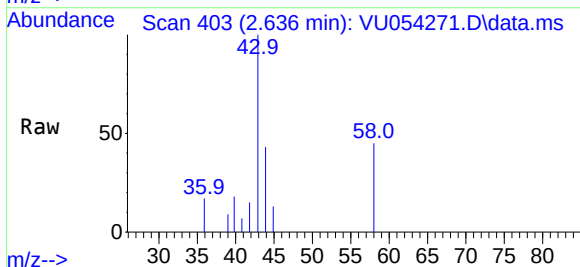
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

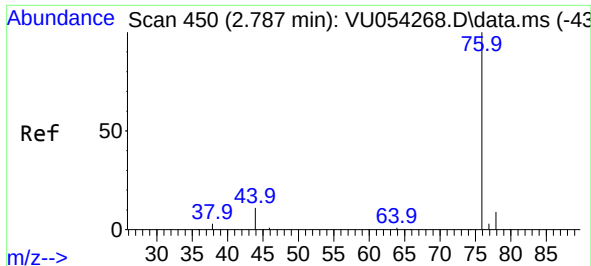
Tgt Ion: 53 Resp: 1813
Ion Ratio Lower Upper
53 100
52 140.9 65.7 98.5#
51 51.0 28.2 42.4#



#16
Acetone
Concen: 1.015 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
58 45.0 27.5 41.3#

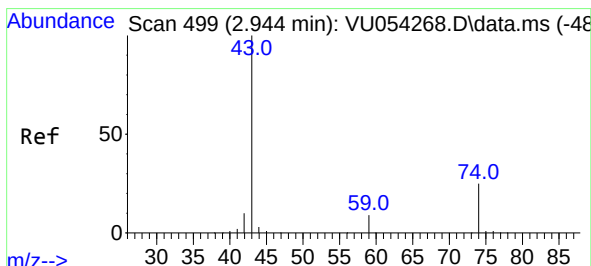
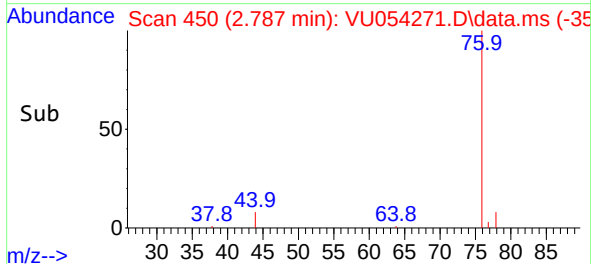
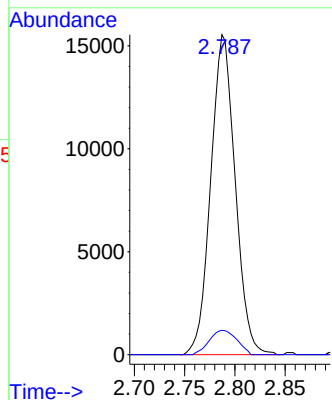
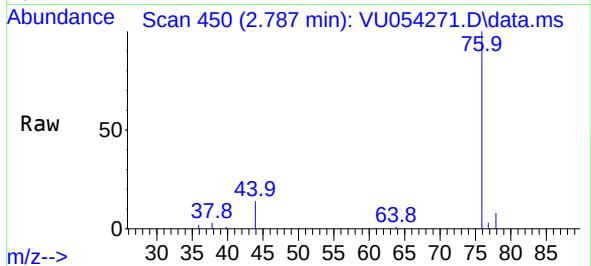




#17
Carbon Disulfide
Concen: 2.892 ug/l
RT: 2.787 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

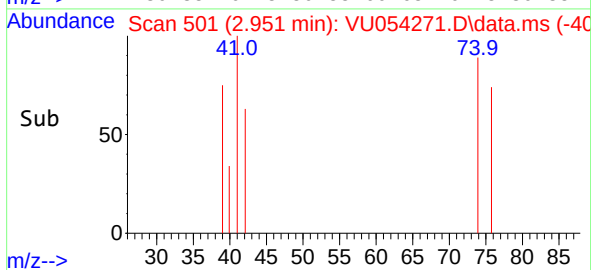
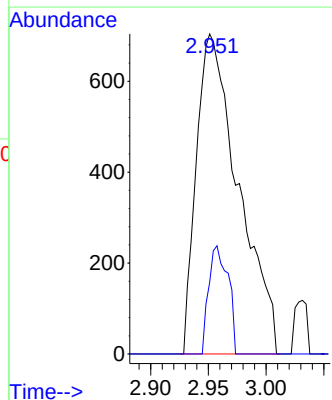
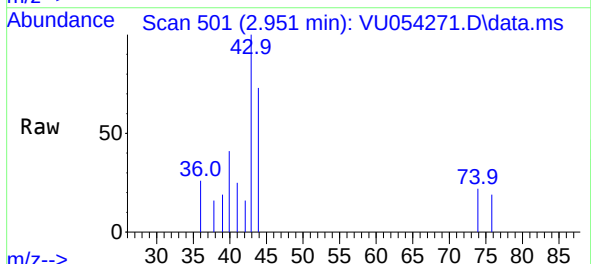
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

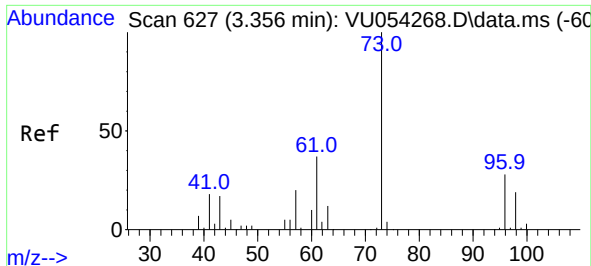
Tgt Ion: 76 Resp: 26289
Ion Ratio Lower Upper
76 100
78 7.6 7.3 10.9



#18
Methyl Acetate
Concen: 0.228 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.007 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 43 Resp: 1785
Ion Ratio Lower Upper
43 100
74 15.5 22.5 33.7#

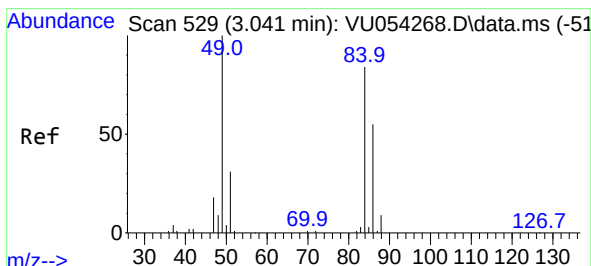
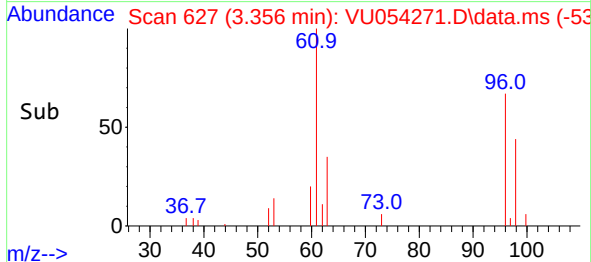
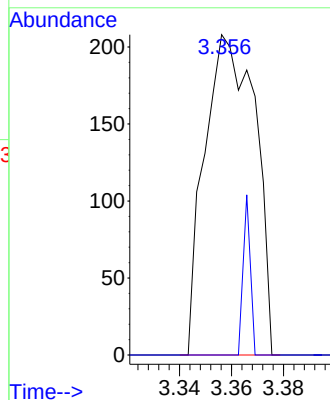
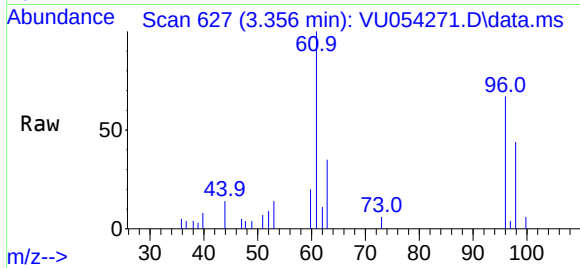




#19
Methyl tert-butyl Ether
Concen: 0.028 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

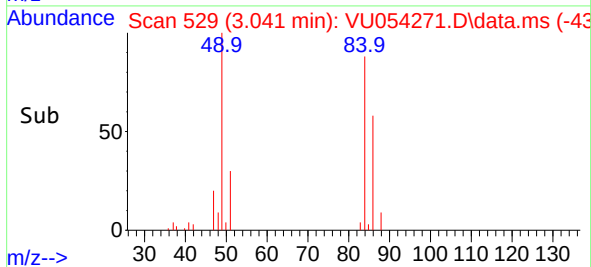
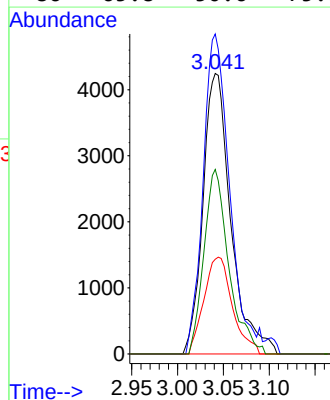
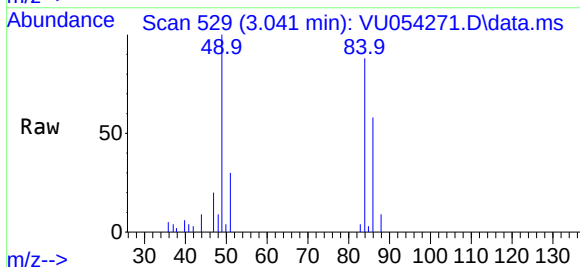
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

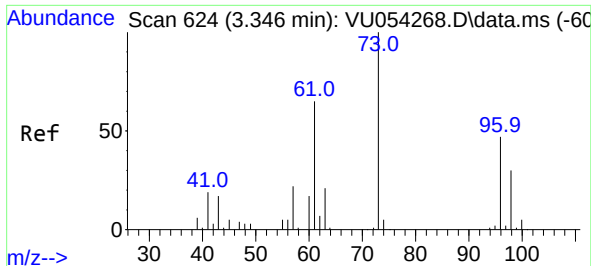
Tgt Ion: 73 Resp: 280
Ion Ratio Lower Upper
73 100
57 0.0 17.1 25.7#



#20
Methylene Chloride
Concen: 2.319 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

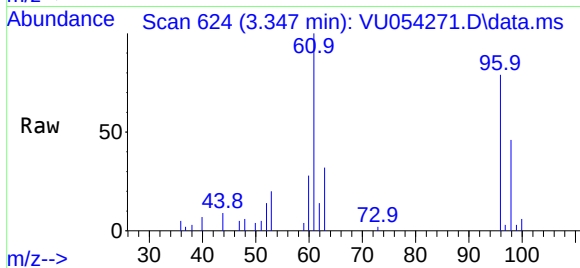
Tgt Ion: 84 Resp: 8989
Ion Ratio Lower Upper
84 100
49 114.1 86.6 129.8
51 33.7 26.6 40.0
86 65.8 50.6 75.8





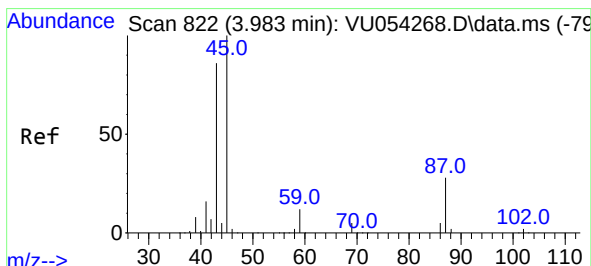
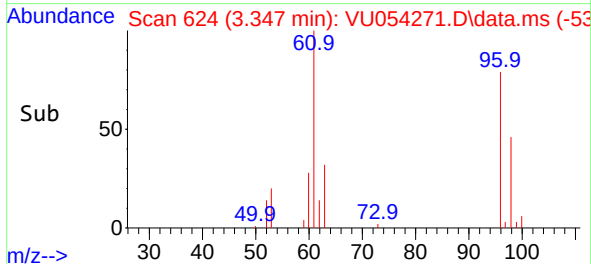
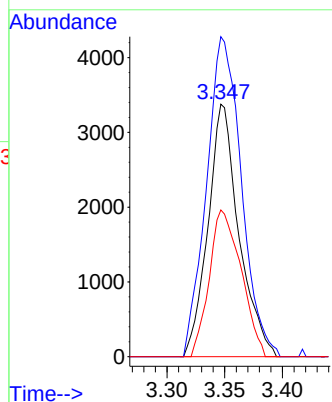
#21
trans-1,2-Dichloroethene
Concen: 1.912 ug/l
RT: 3.347 min Scan# 61
Delta R.T. 0.001 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Instrument :
MSVOA_U
ClientSampleId :
VIBLK



Tgt Ion: 96 Resp: 6295

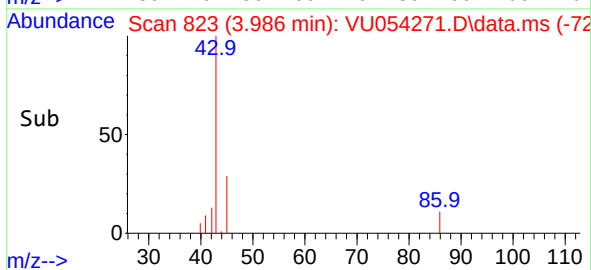
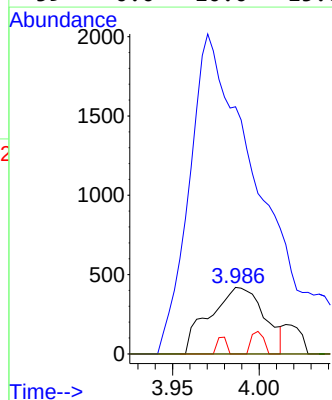
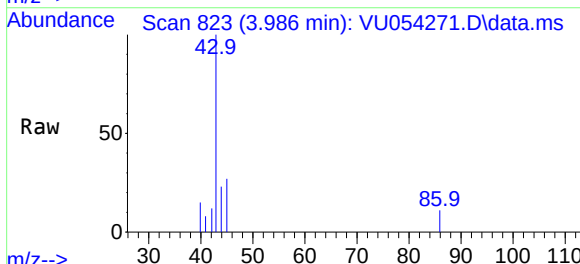
Ion	Ratio	Lower	Upper
96	100		
61	126.8	106.1	159.1
98	58.1	50.8	76.2

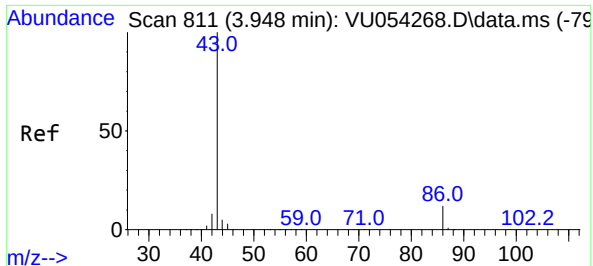


#22
Diisopropyl ether
Concen: 0.097 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 45 Resp: 921

Ion	Ratio	Lower	Upper
45	100		
43	228.9	92.9	139.3#
87	0.0	26.2	39.2#
59	0.0	10.0	15.0#

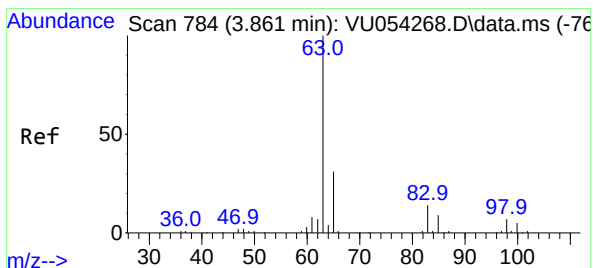
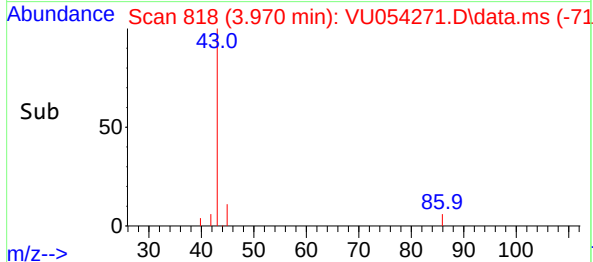
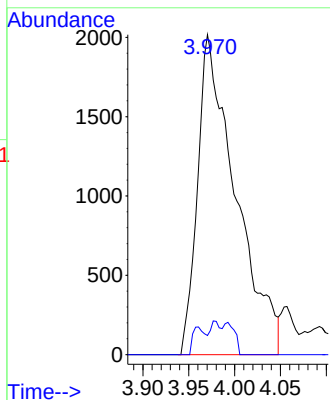
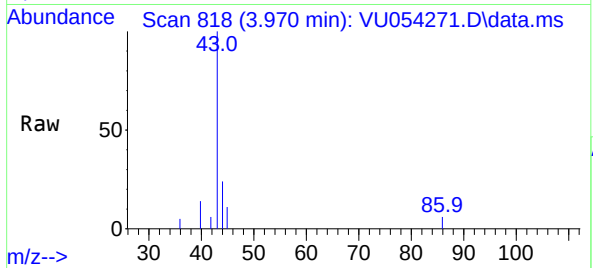




#23
 Vinyl Acetate
 Concen: 0.839 ug/l
 RT: 3.970 min Scan# 811
 Delta R.T. 0.022 min
 Lab File: VU054271.D
 Acq: 25 May 2023 16:23

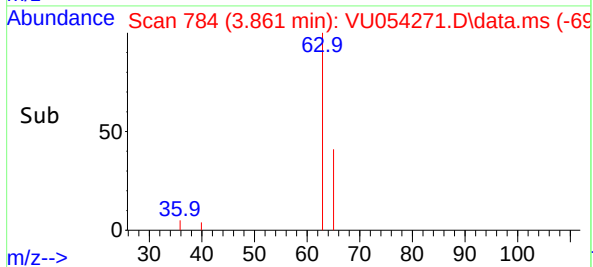
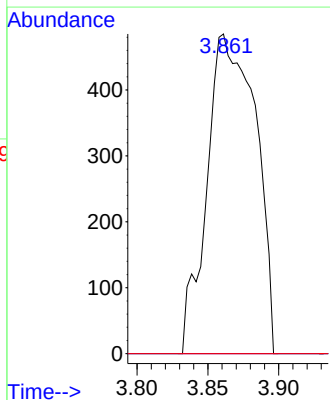
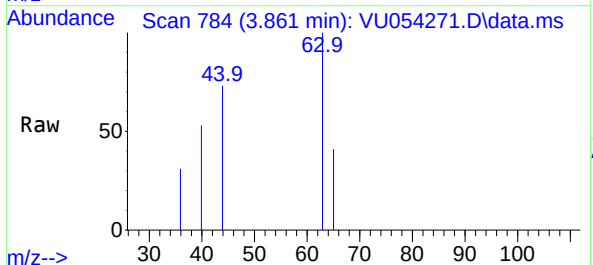
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

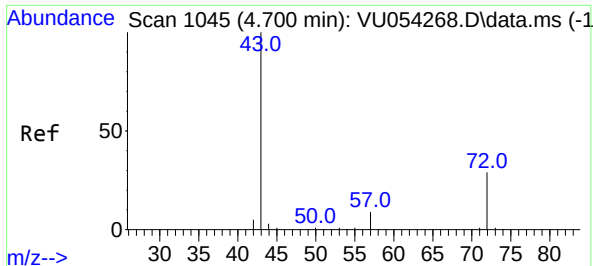
Tgt Ion: 43 Resp: 5787
 Ion Ratio Lower Upper
 43 100
 86 6.0 9.8 14.8#



#24
 1,1-Dichloroethane
 Concen: 0.192 ug/l
 RT: 3.861 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VU054271.D
 Acq: 25 May 2023 16:23

Tgt Ion: 63 Resp: 1163
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.4 7.2#

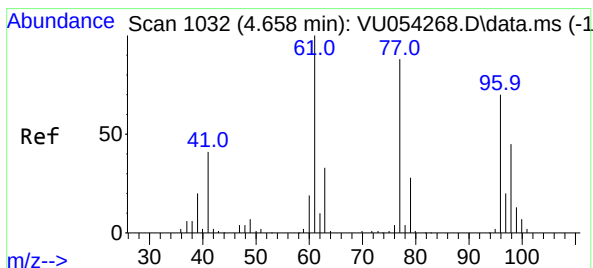
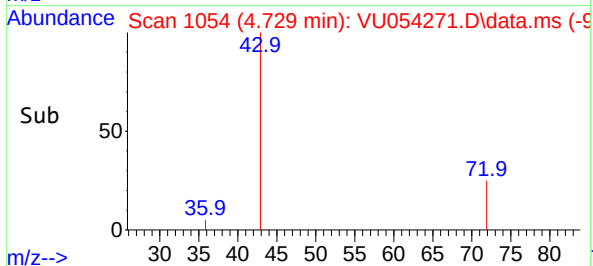
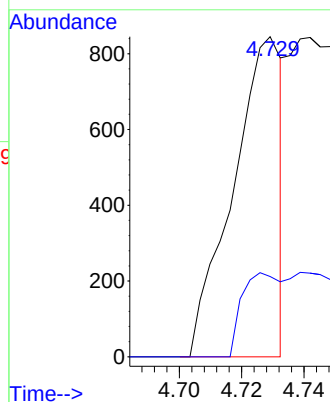
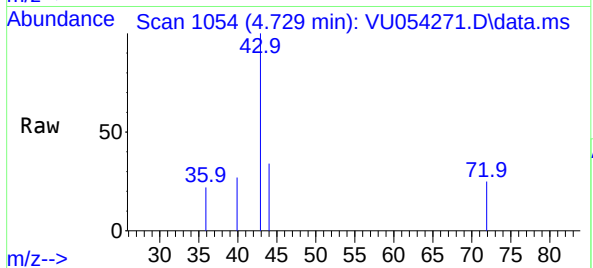




#25
2-Butanone
Concen: 0.323 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.029 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

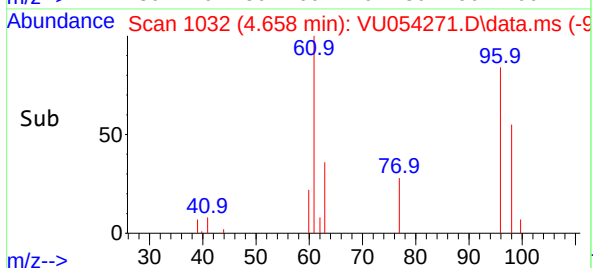
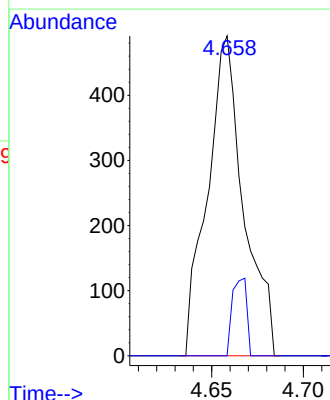
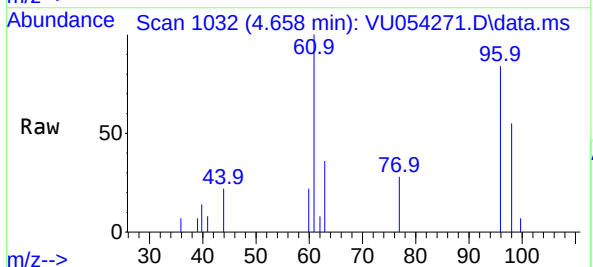
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

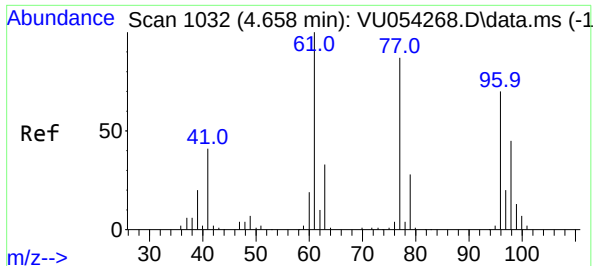
Tgt Ion: 43 Resp: 920
Ion Ratio Lower Upper
43 100
72 25.1 23.8 35.6



#26
2,2-Dichloropropane
Concen: 0.128 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 77 Resp: 675
Ion Ratio Lower Upper
77 100
97 9.6 11.6 34.8#

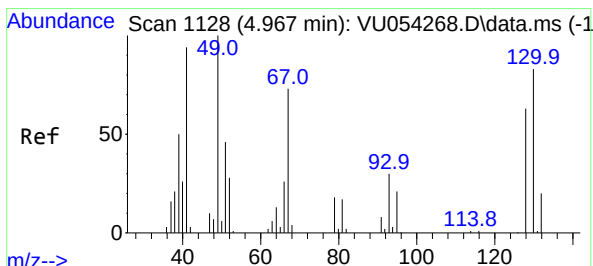
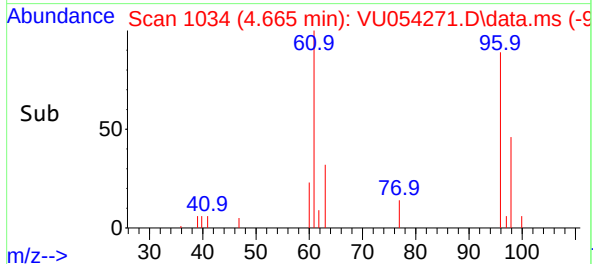
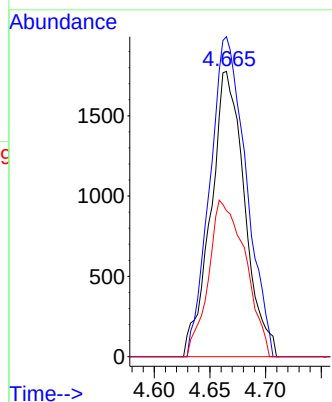
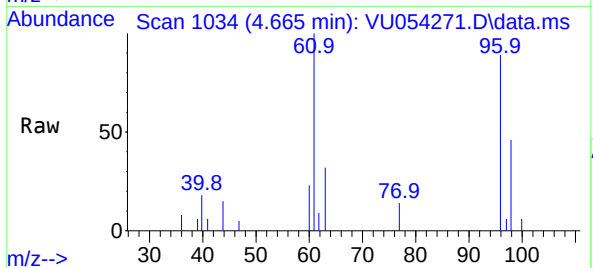




#27
 cis-1,2-Dichloroethene
 Concen: 1.024 ug/l
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.007 min
 Lab File: VU054271.D
 Acq: 25 May 2023 16:23

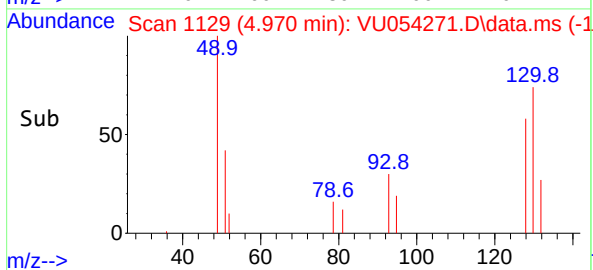
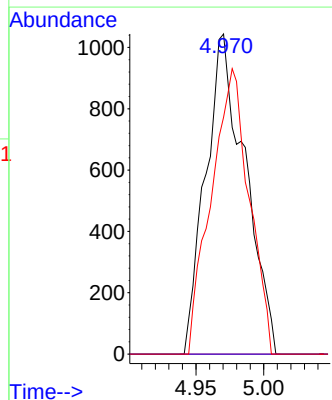
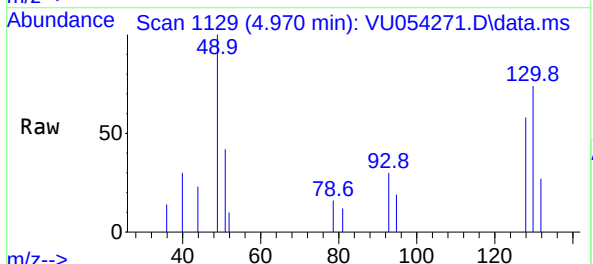
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

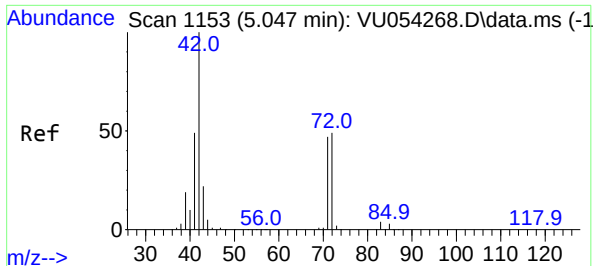
Tgt Ion: 96 Resp: 3750
 Ion Ratio Lower Upper
 96 100
 61 120.0 0.0 271.6
 98 59.9 0.0 128.2



#28
 Bromochloromethane
 Concen: 0.753 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.003 min
 Lab File: VU054271.D
 Acq: 25 May 2023 16:23

Tgt Ion: 49 Resp: 2109
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 85.7 76.9 115.3





#29

Tetrahydrofuran

Concen: 0.925 ug/l

RT: 5.060 min Scan# 1153

Delta R.T. 0.013 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

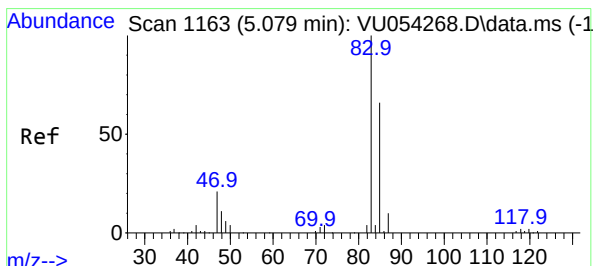
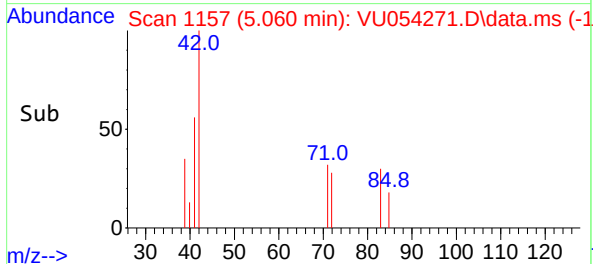
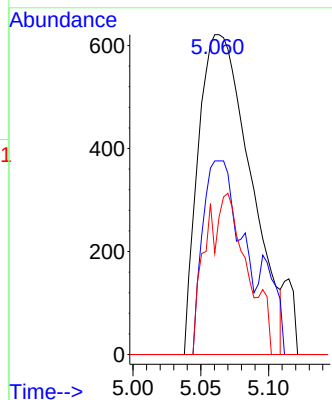
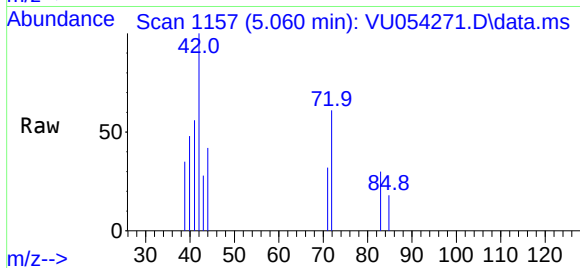
Tgt Ion: 42 Resp: 1653

Ion Ratio Lower Upper

42 100

72 44.2 42.6 63.8

71 12.0 40.3 60.5#



#30

Chloroform

Concen: 0.276 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.010 min

Lab File: VU054271.D

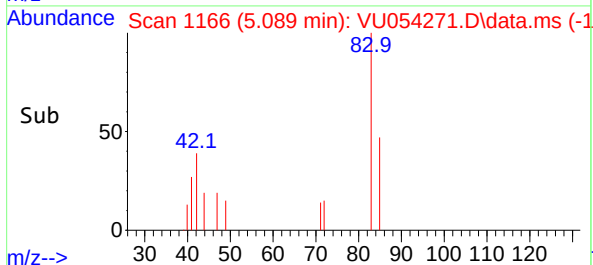
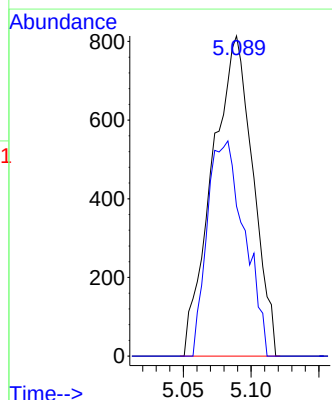
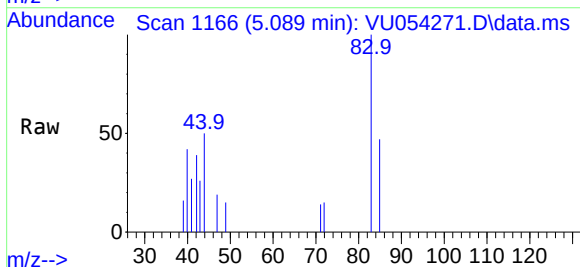
Acq: 25 May 2023 16:23

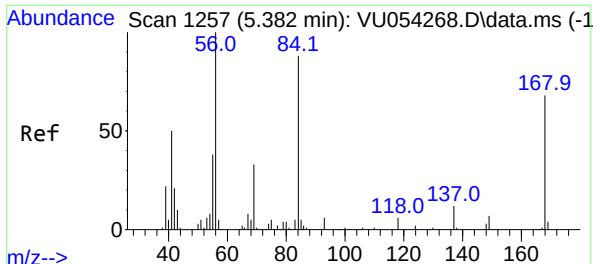
Tgt Ion: 83 Resp: 1696

Ion Ratio Lower Upper

83 100

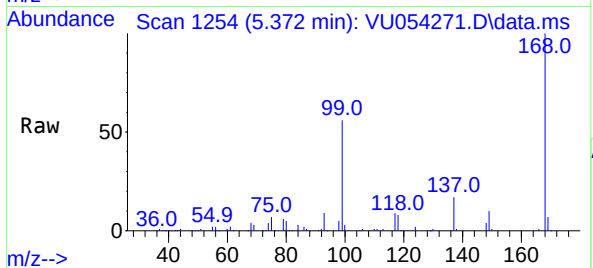
85 46.8 51.2 76.8#



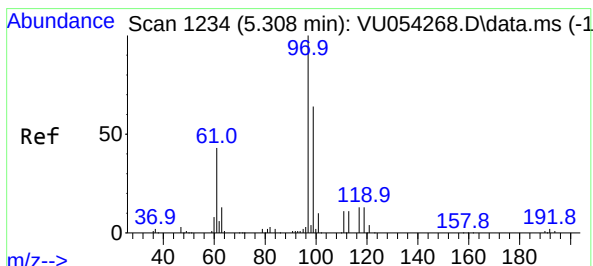
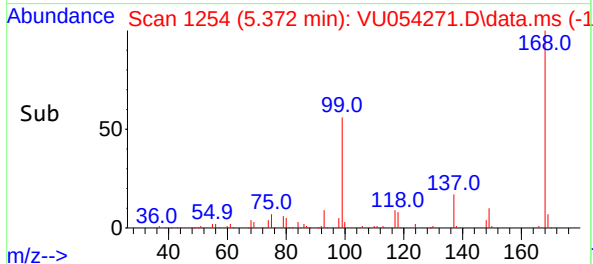
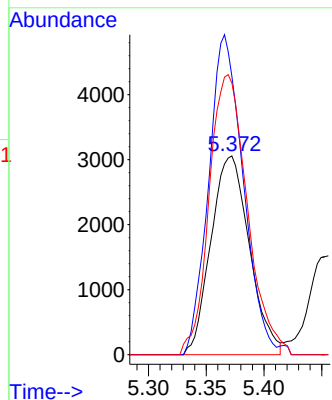


#31
Cyclohexane
Concen: 1.340 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

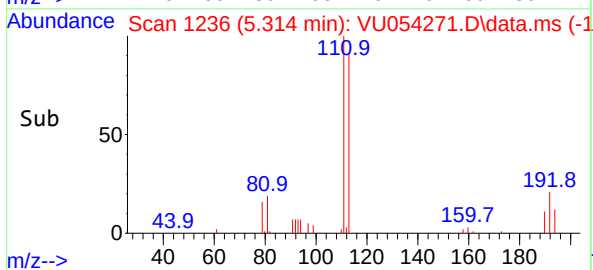
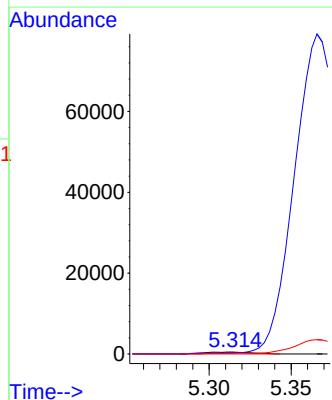
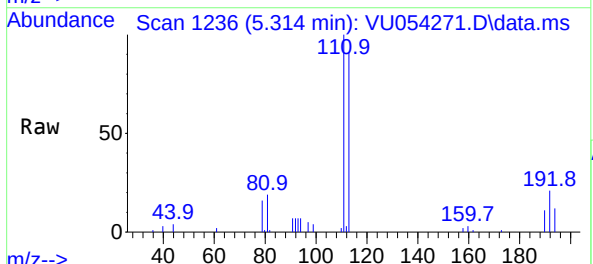


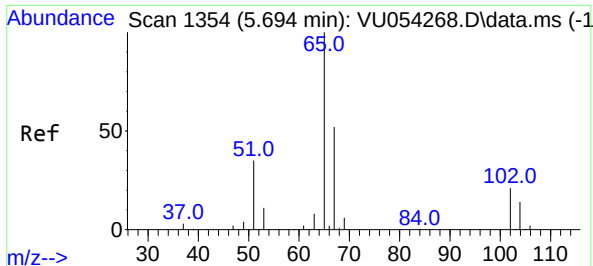
Tgt Ion: 56 Resp: 7093
Ion Ratio Lower Upper
56 100
69 140.1 27.8 41.8#
84 136.7 74.2 111.4#



#32
1,1,1-Trichloroethane
Concen: 0.170 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 97 Resp: 907
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 0.0 35.1 52.7#

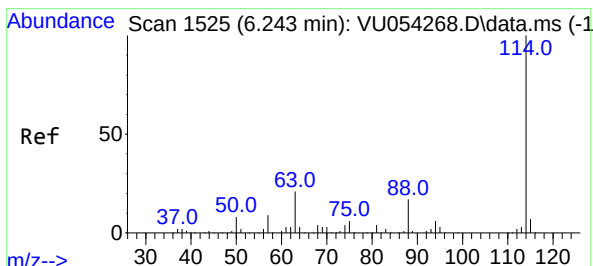
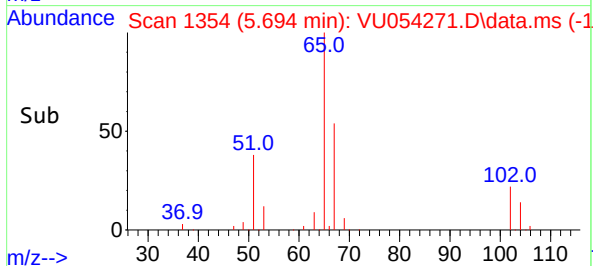
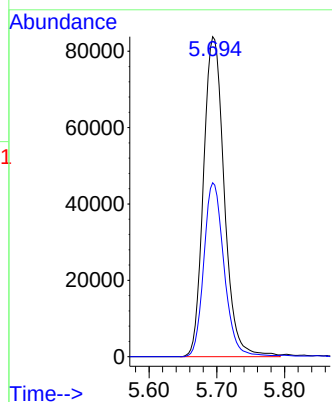
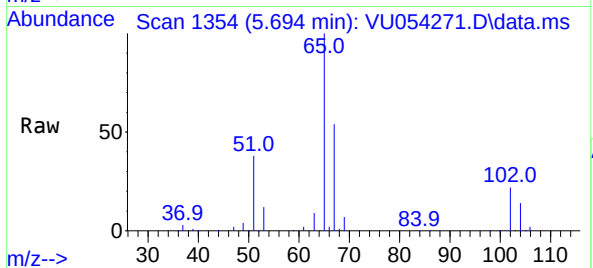




#33
 1,2-Dichloroethane-d4
 Concen: 47.642 ug/l
 RT: 5.694 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU054271.D
 Acq: 25 May 2023 16:23

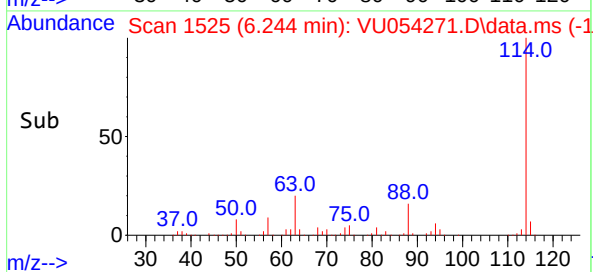
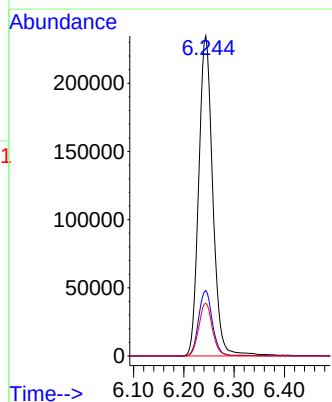
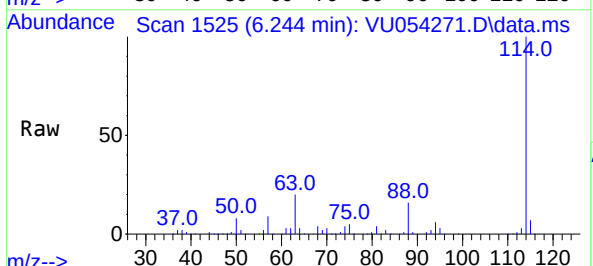
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

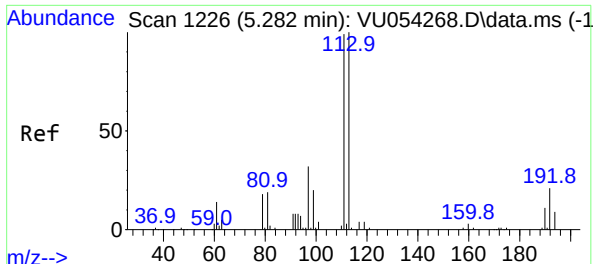
Tgt Ion: 65 Resp: 178563
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.244 min Scan# 1525
 Delta R.T. 0.001 min
 Lab File: VU054271.D
 Acq: 25 May 2023 16:23

Tgt Ion: 114 Resp: 455448
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.8
 88 16.5 0.0 29.2

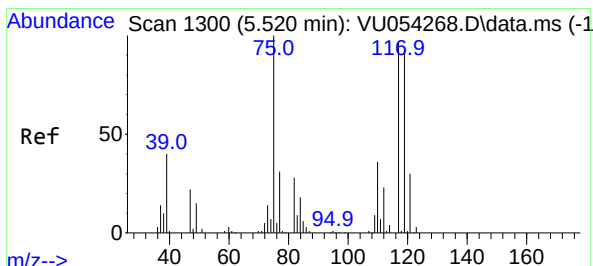
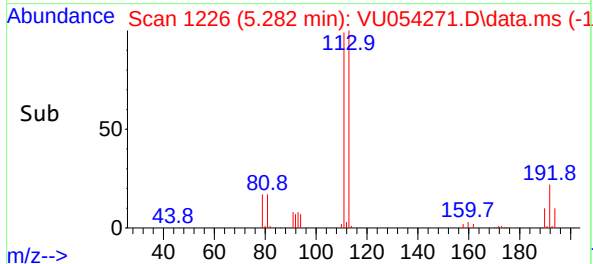
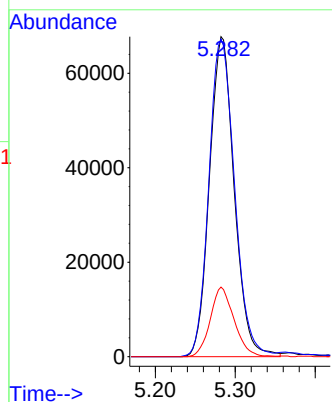
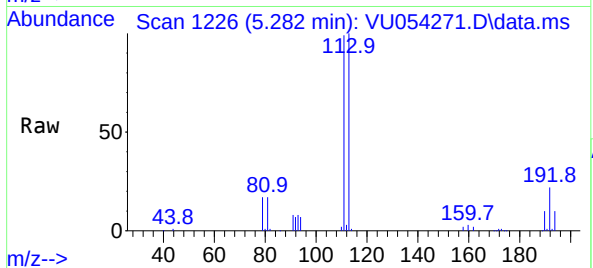




#35
Dibromofluoromethane
Concen: 49.630 ug/l
RT: 5.282 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

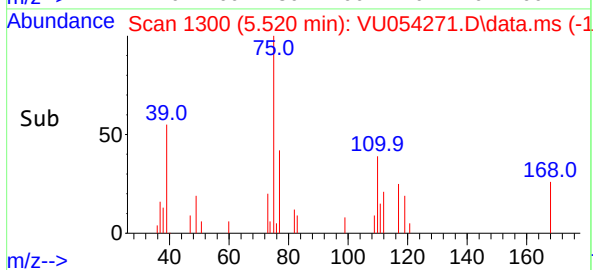
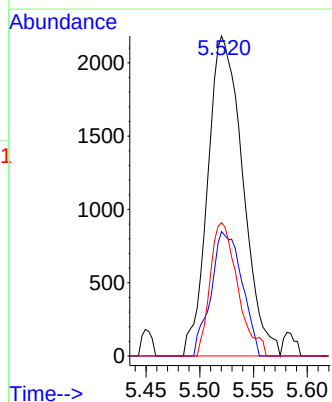
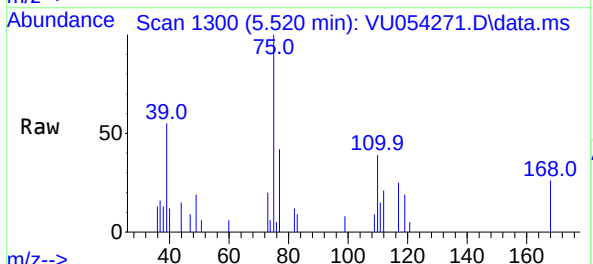
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

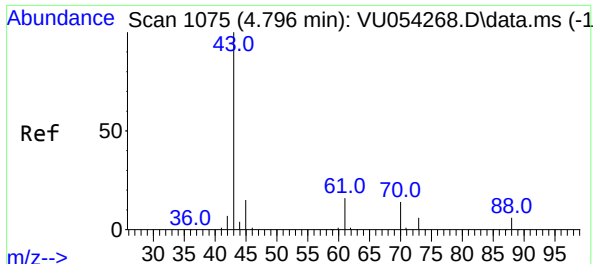
Tgt Ion:113 Resp: 145563
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 21.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 1.074 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 75 Resp: 4948
Ion Ratio Lower Upper
75 100
110 34.3 18.4 55.2
77 32.8 25.1 37.7

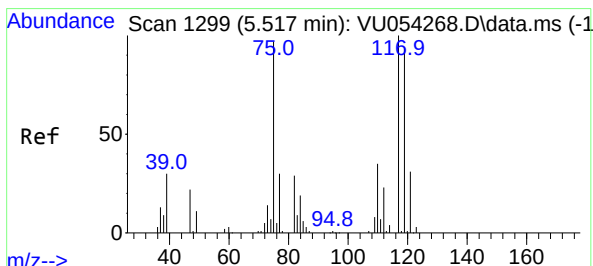
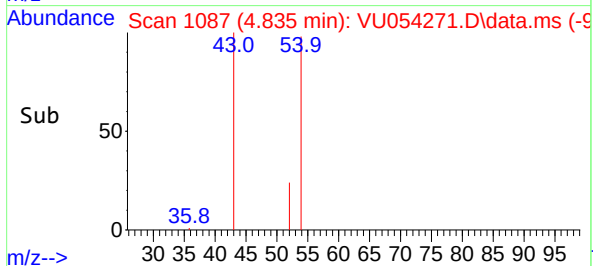
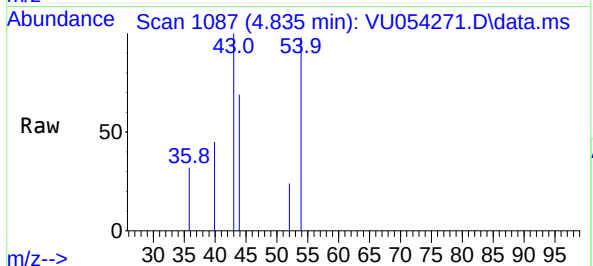




#37
Ethyl Acetate
Concen: 0.059 ug/l
RT: 4.835 min Scan# 1087
Delta R.T. 0.039 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

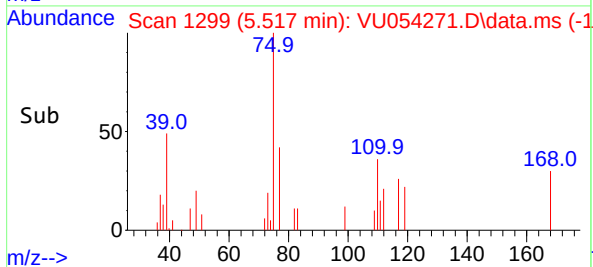
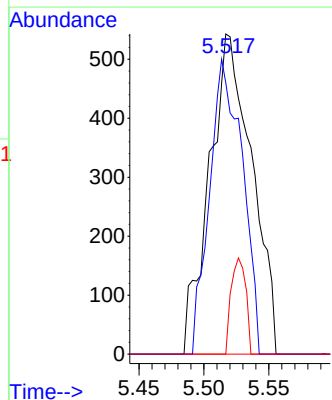
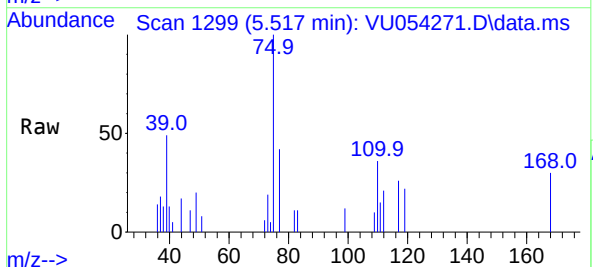
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

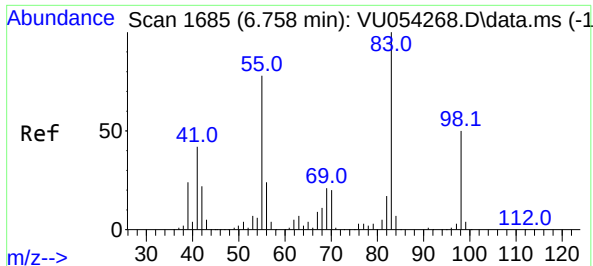
Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
61 0.0 9.5 14.3#
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 0.261 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 117 Resp: 1232
Ion Ratio Lower Upper
117 100
119 84.7 76.8 115.2
121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 0.506 ug/l

RT: 6.755 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

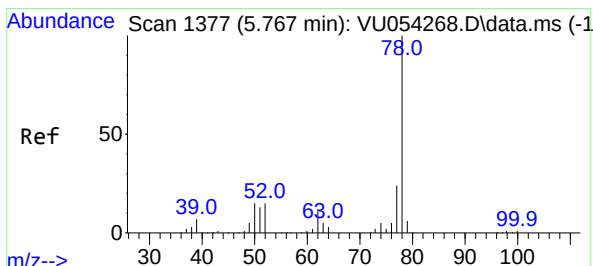
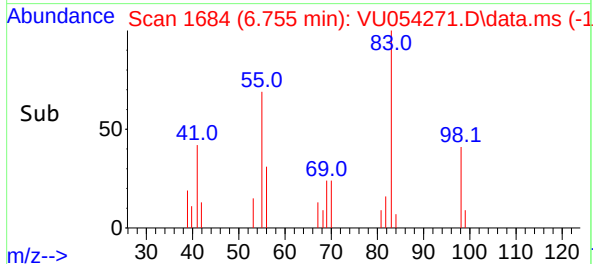
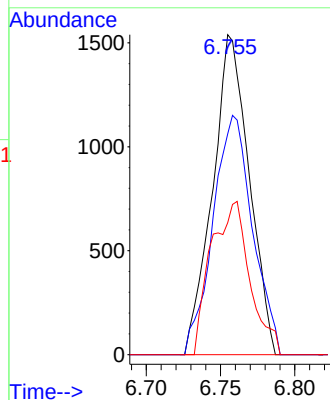
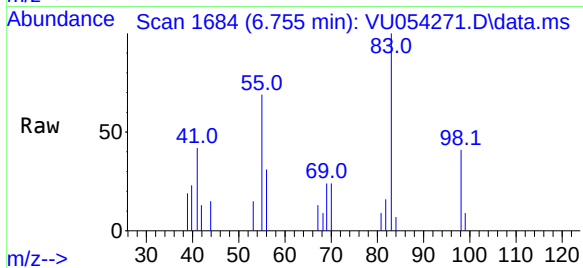
Tgt Ion: 83 Resp: 2640

Ion Ratio Lower Upper

83 100

55 69.0 55.3 82.9

98 41.3 37.3 55.9



#40

Benzene

Concen: 0.467 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.007 min

Lab File: VU054271.D

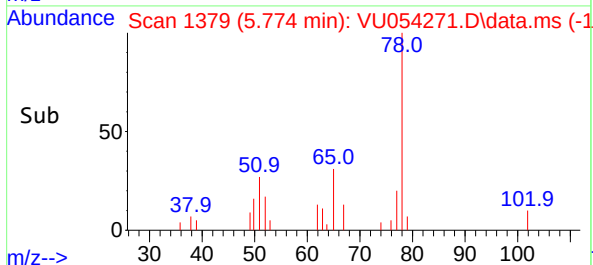
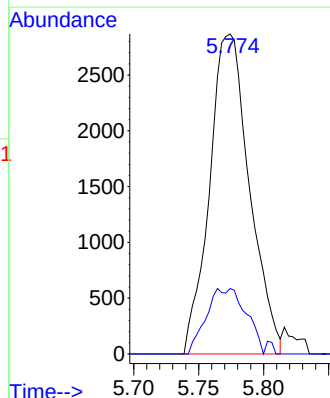
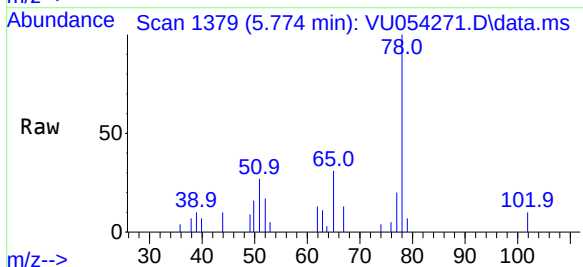
Acq: 25 May 2023 16:23

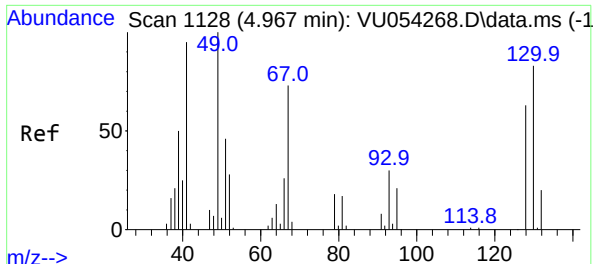
Tgt Ion: 78 Resp: 6142

Ion Ratio Lower Upper

78 100

77 20.4 18.8 28.2



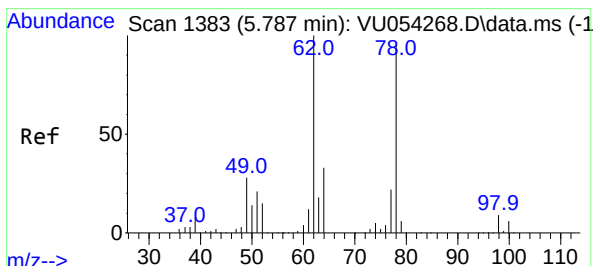
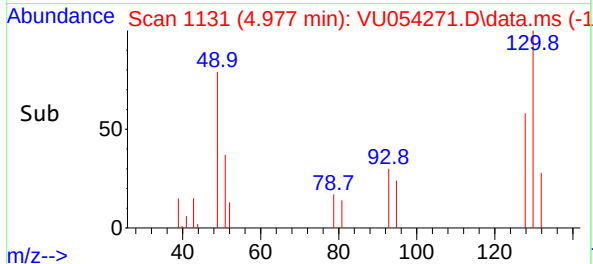
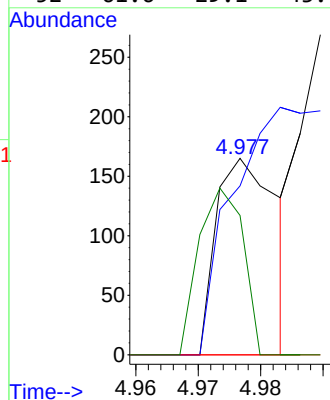
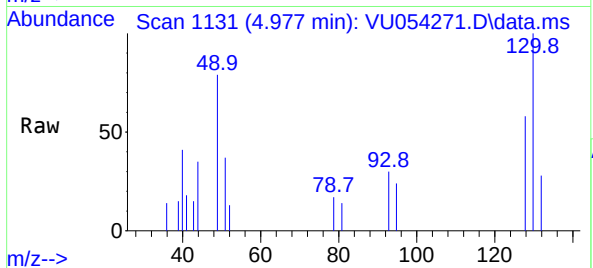


#41
Methacrylonitrile
Concen: 0.043 ug/l
RT: 4.977 min Scan# 1128
Delta R.T. 0.010 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 41 Resp: 112

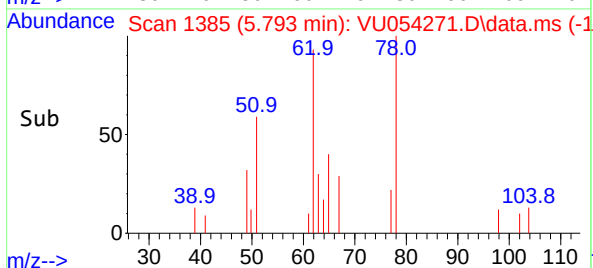
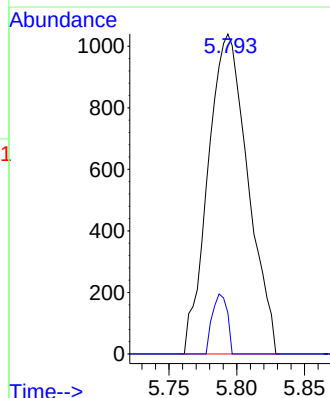
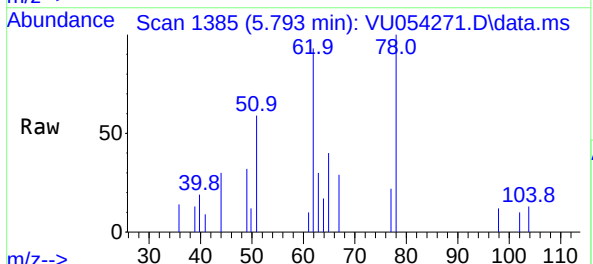
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.1	64.7#
67	0.0	72.3	108.5#
52	61.6	29.1	43.7#

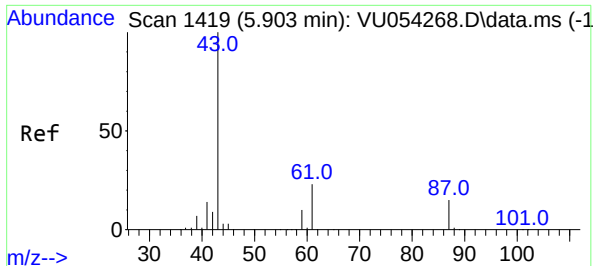


#42
1,2-Dichloroethane
Concen: 0.446 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 62 Resp: 2129

Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	18.6

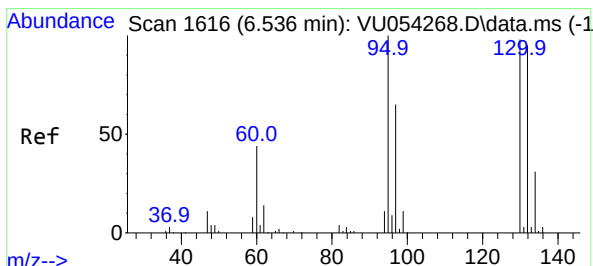
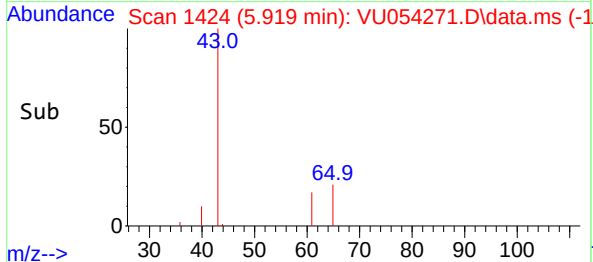
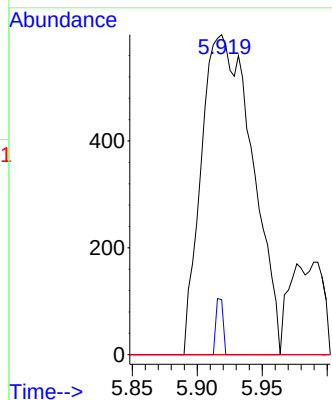
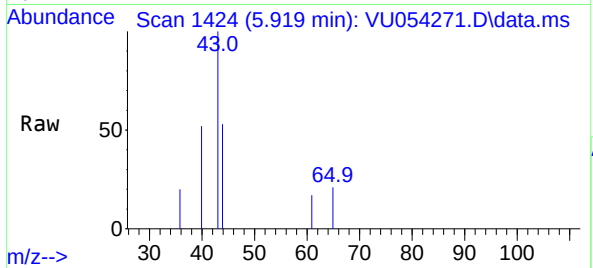




#43
Isopropyl Acetate
Concen: 0.211 ug/l
RT: 5.919 min Scan# 1419
Delta R.T. 0.016 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

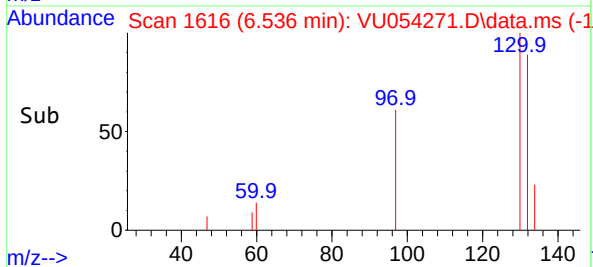
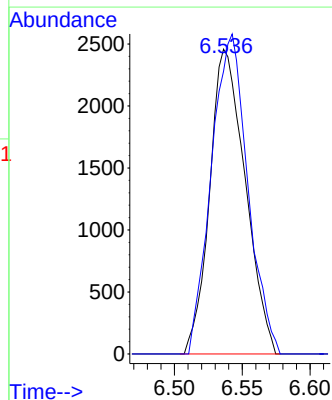
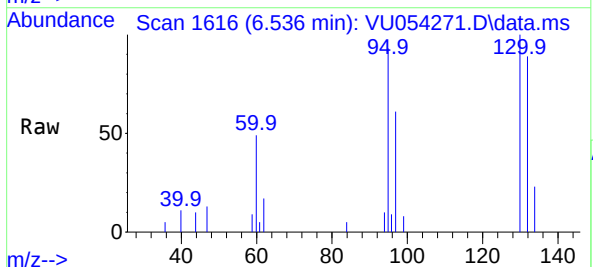
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

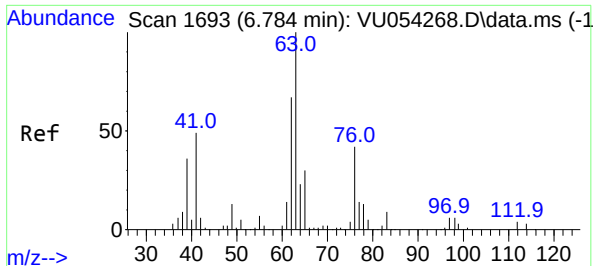
Tgt Ion: 43 Resp: 1636
Ion Ratio Lower Upper
43 100
61 0.0 17.4 26.0#
87 0.0 12.6 18.8#



#44
Trichloroethene
Concen: 1.220 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 130 Resp: 4481
Ion Ratio Lower Upper
130 100
95 92.8 0.0 184.6

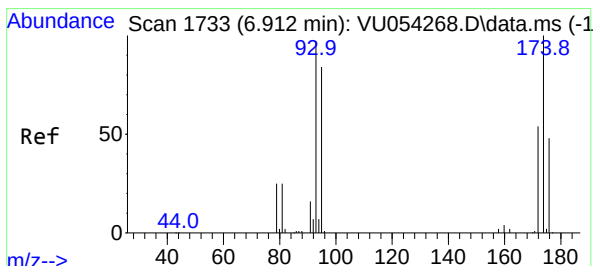
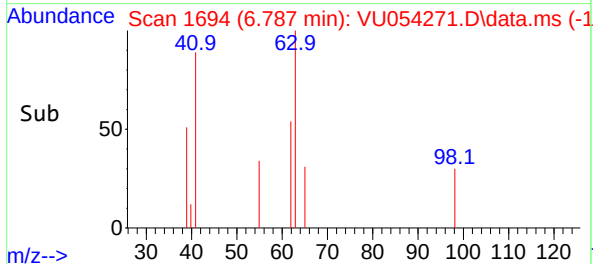
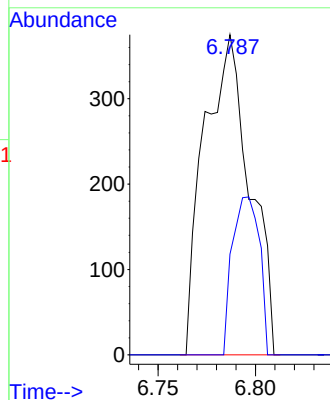
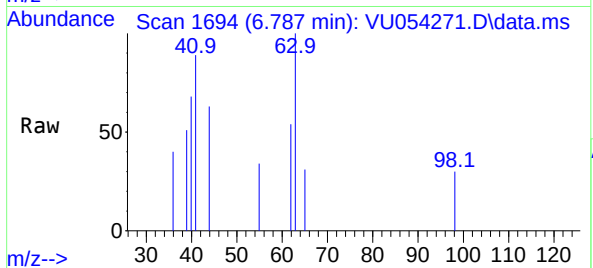




#45
1,2-Dichloropropane
Concen: 0.178 ug/l
RT: 6.787 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

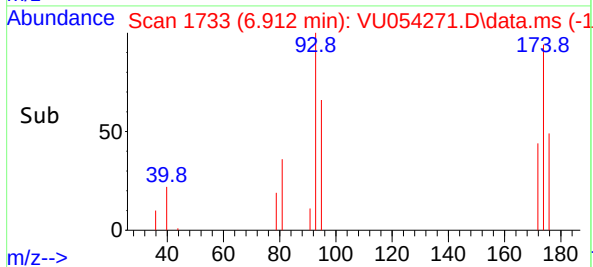
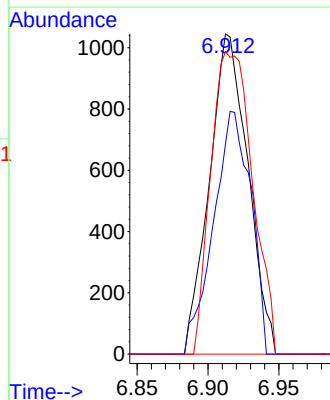
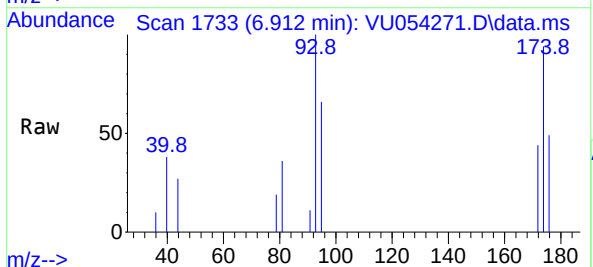
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

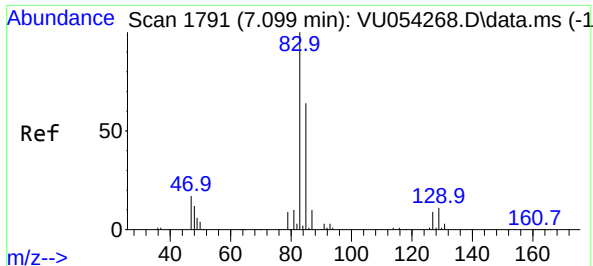
Tgt Ion: 63 Resp: 611
Ion Ratio Lower Upper
63 100
65 31.5 25.0 37.4



#46
Dibromomethane
Concen: 0.784 ug/l
RT: 6.912 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 93 Resp: 1977
Ion Ratio Lower Upper
93 100
95 73.8 66.3 99.5
174 102.1 88.2 132.4

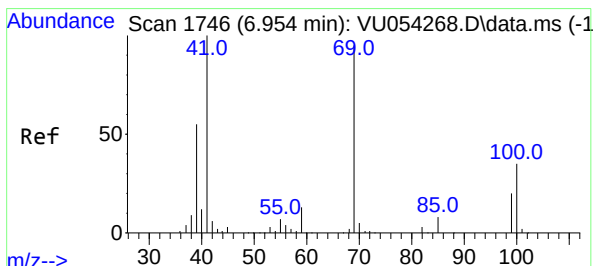
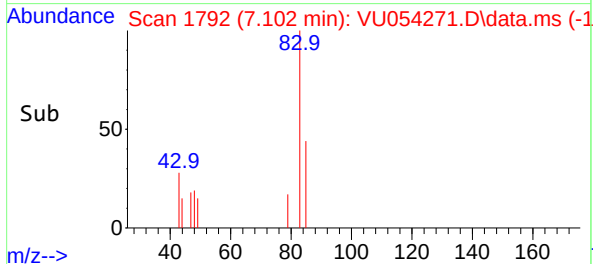
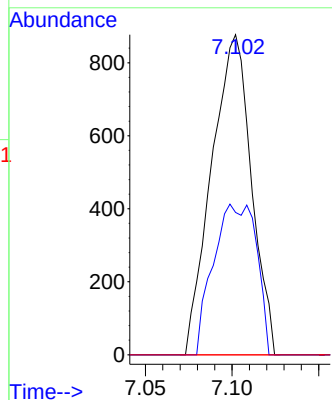
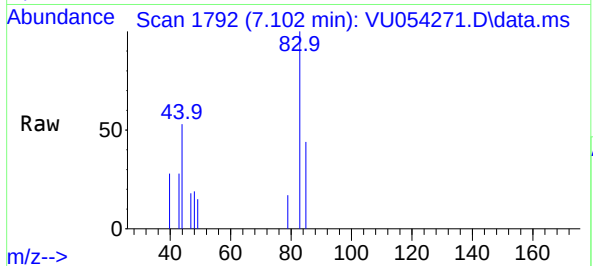




#47
Bromodichloromethane
Concen: 0.297 ug/l
RT: 7.102 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

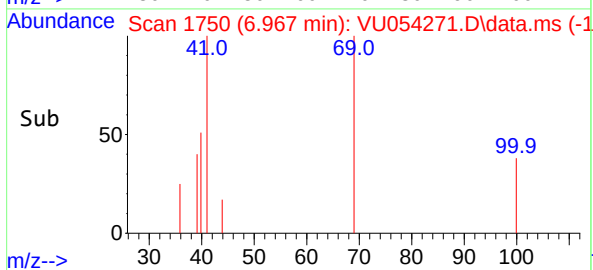
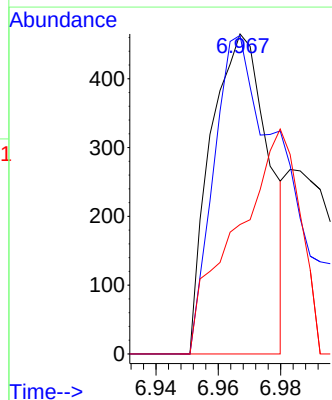
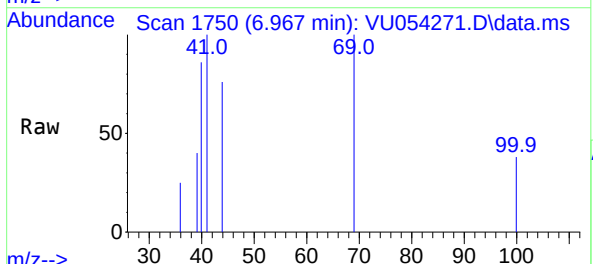
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

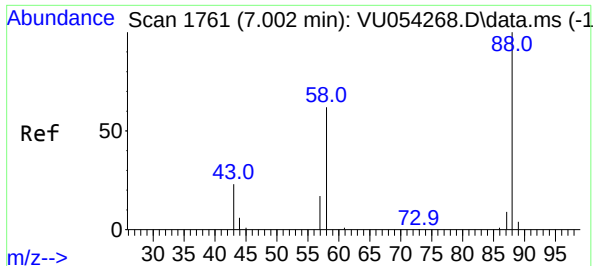
Tgt Ion: 83 Resp: 1401
Ion Ratio Lower Upper
83 100
85 44.5 51.4 77.2#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.175 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. 0.013 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 41 Resp: 600
Ion Ratio Lower Upper
41 100
69 127.2 79.8 119.6#
39 77.2 47.9 71.9#

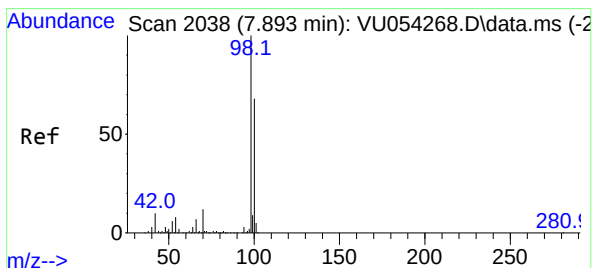
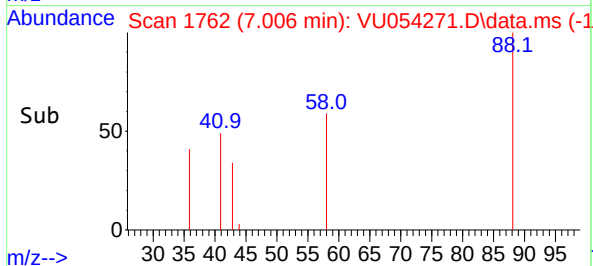
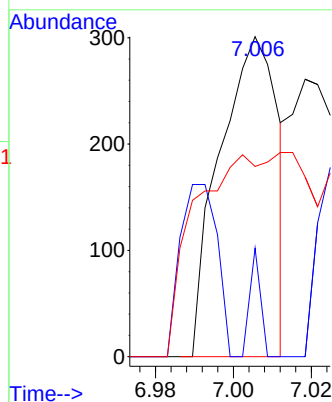
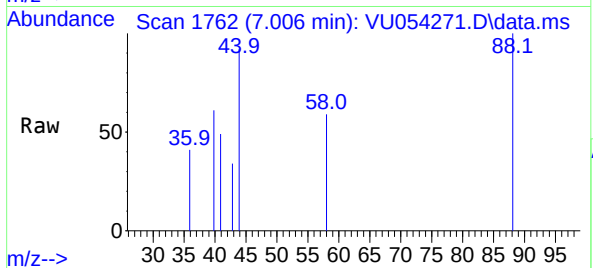




#49
1,4-Dioxane
Concen: 3.147 ug/l
RT: 7.006 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

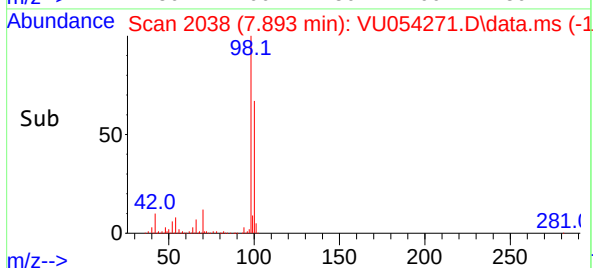
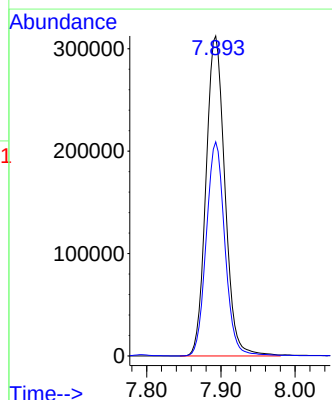
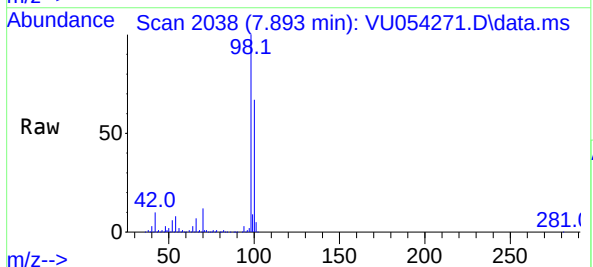
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

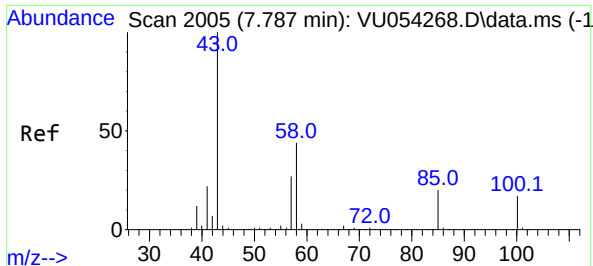
Tgt Ion: 88 Resp: 312
Ion Ratio Lower Upper
88 100
43 34.0 0.0 0.0#
58 68.6 15.4 23.0#



#50
Toluene-d8
Concen: 49.513 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 98 Resp: 552372
Ion Ratio Lower Upper
98 100
100 65.9 51.7 77.5

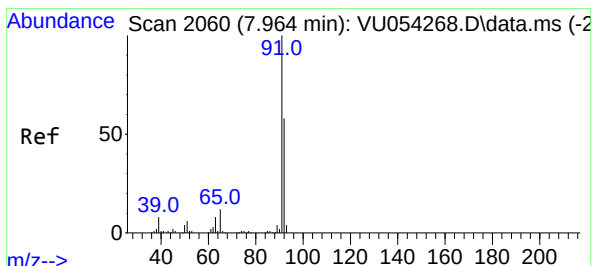
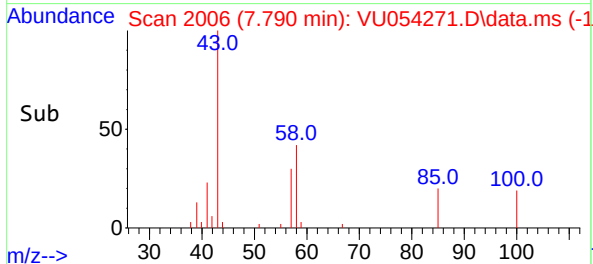
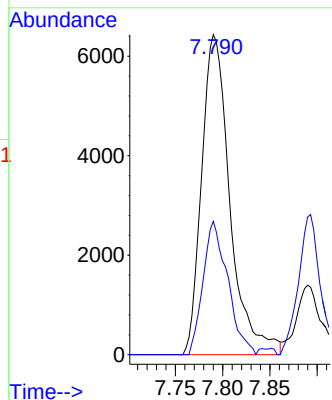
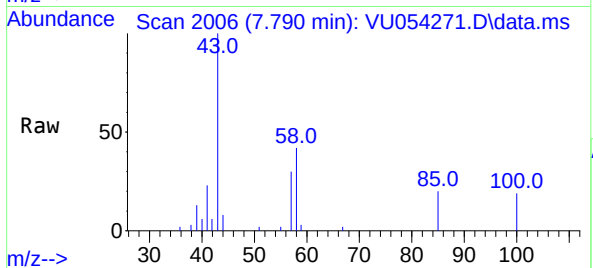




#51
4-Methyl-2-Pentanone
Concen: 2.594 ug/l
RT: 7.790 min Scan# 2005
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

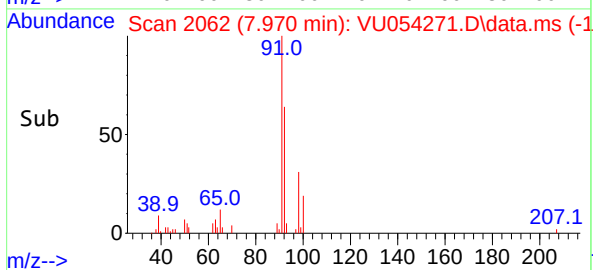
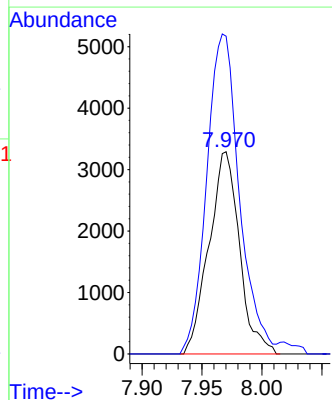
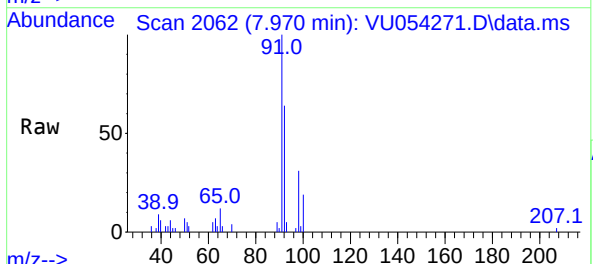
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

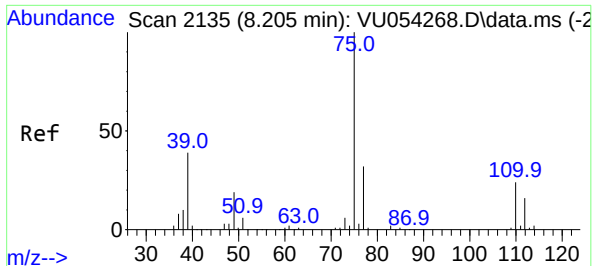
Tgt Ion: 43 Resp: 13407
Ion Ratio Lower Upper
43 100
58 36.3 34.7 52.1



#52
Toluene
Concen: 0.695 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 92 Resp: 5823
Ion Ratio Lower Upper
92 100
91 169.5 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 0.892 ug/l

RT: 8.208 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

Instrument :

MSVOA_U

ClientSampleId :

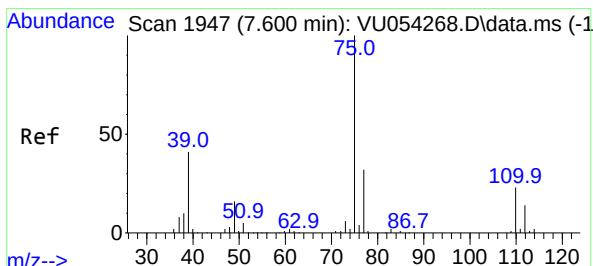
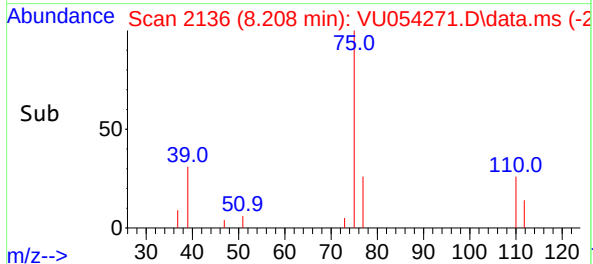
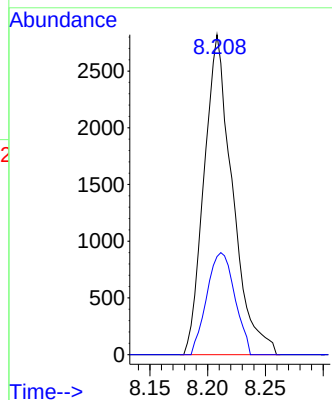
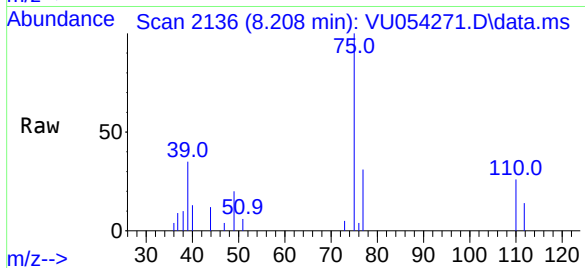
VIBLK

Tgt Ion: 75 Resp: 4818

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 0.560 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

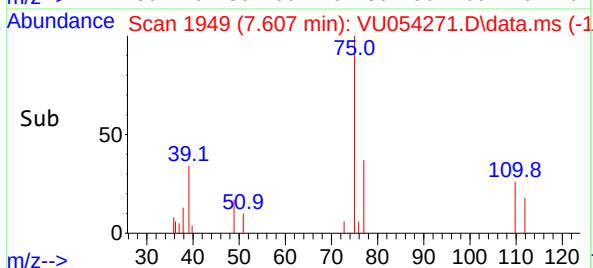
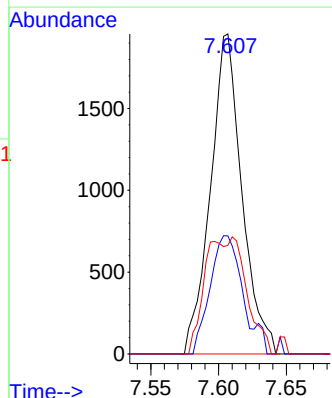
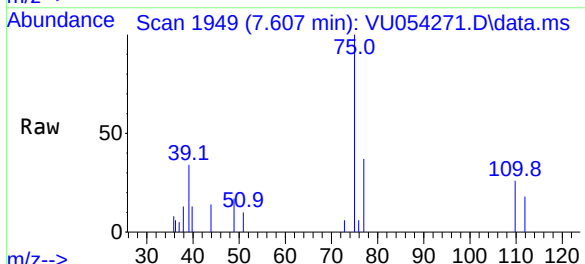
Tgt Ion: 75 Resp: 3155

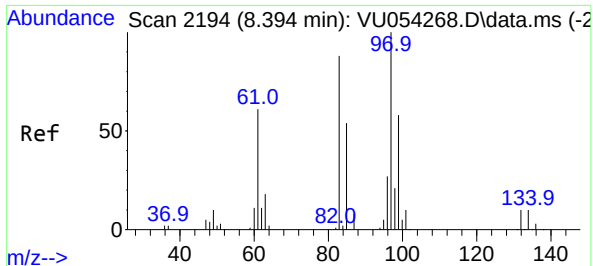
Ion Ratio Lower Upper

75 100

77 36.9 25.7 38.5

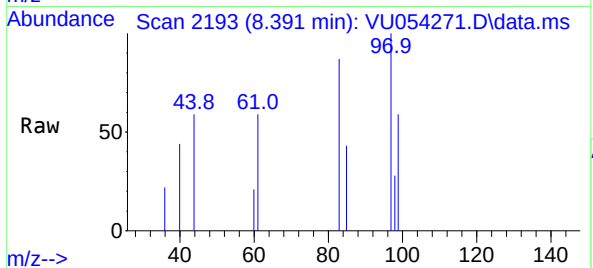
39 33.9 33.0 49.6





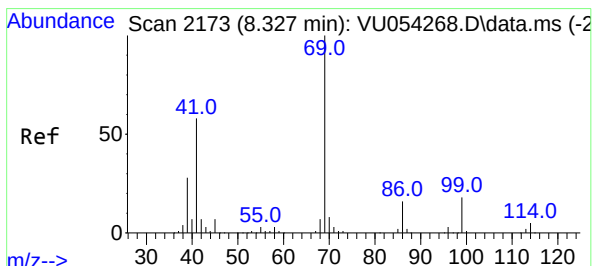
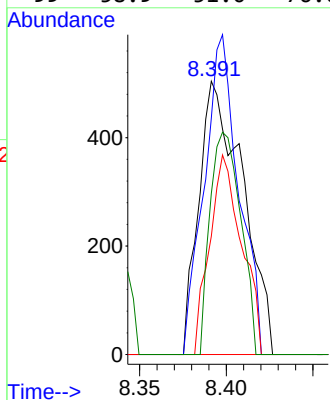
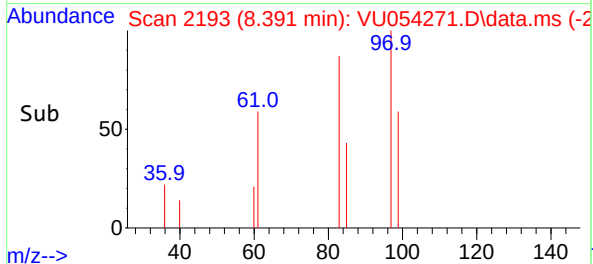
#55
1,1,2-Trichloroethane
Concen: 0.255 ug/l
RT: 8.391 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Instrument :
MSVOA_U
ClientSampleId :
VIBLK



Tgt Ion: 97 Resp: 886

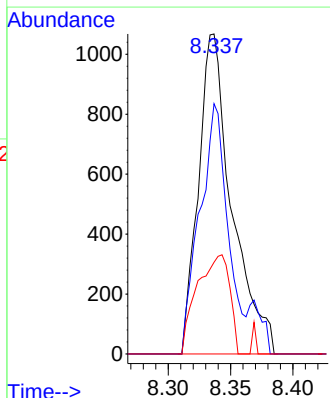
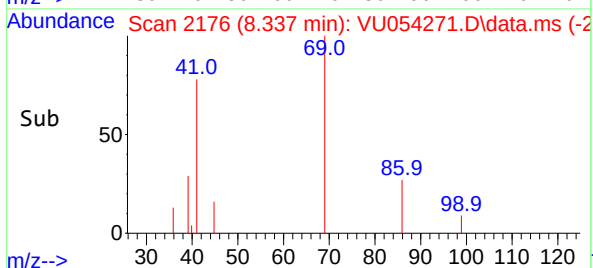
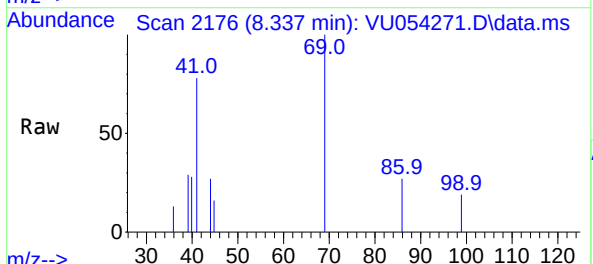
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.2	105.4
85	43.3	44.6	66.8#
99	58.9	51.0	76.6

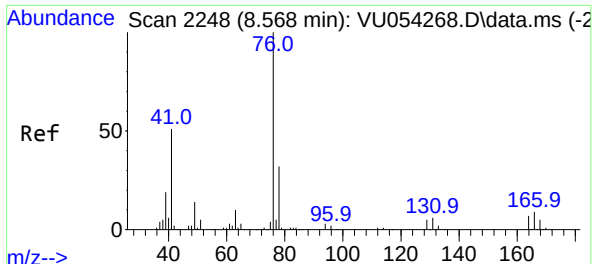


#56
Ethyl methacrylate
Concen: 0.385 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.010 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 69 Resp: 1991

Ion	Ratio	Lower	Upper
69	100		
41	65.7	45.4	68.0
39	30.1	25.7	38.5

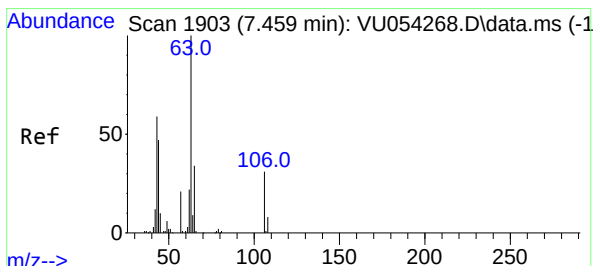
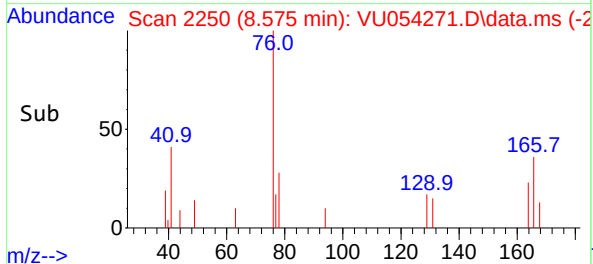
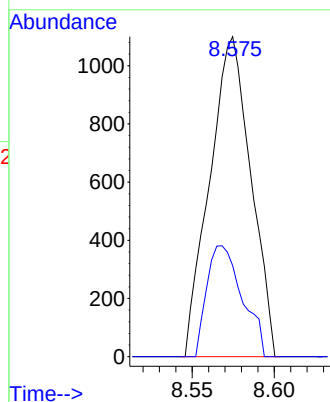
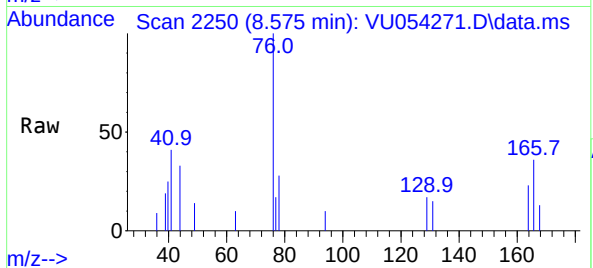




#57
1,3-Dichloropropane
Concen: 0.320 ug/l
RT: 8.575 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

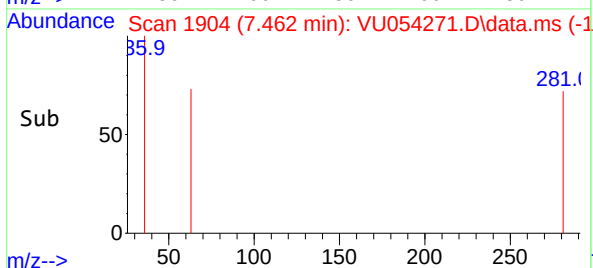
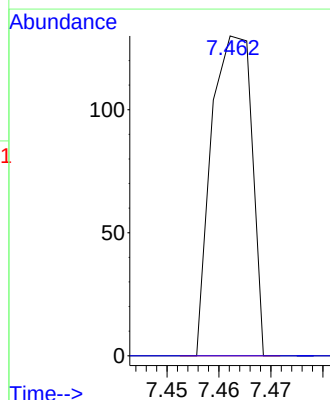
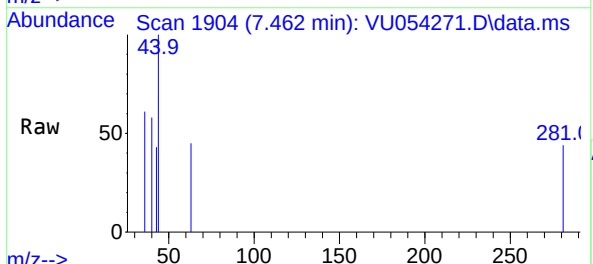
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

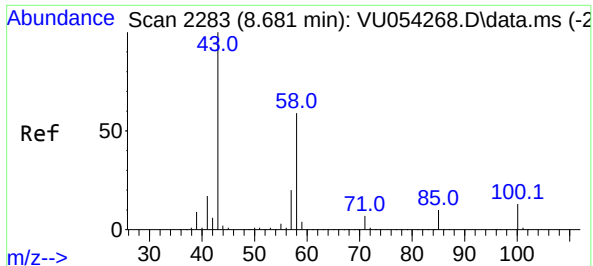
Tgt Ion: 76 Resp: 1914
Ion Ratio Lower Upper
76 100
78 29.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 0.211 ug/l
RT: 7.462 min Scan# 1904
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 63 Resp: 70
Ion Ratio Lower Upper
63 100
106 0.0 23.1 34.7#





#59

2-Hexanone

Concen: 4.668 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

Instrument :

MSVOA_U

ClientSampleId :

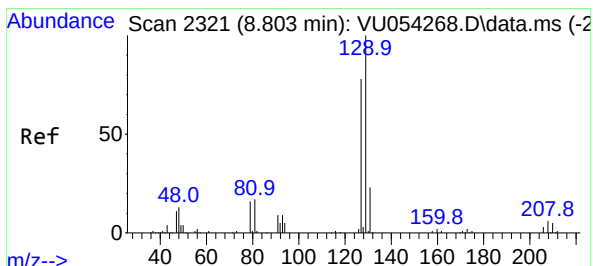
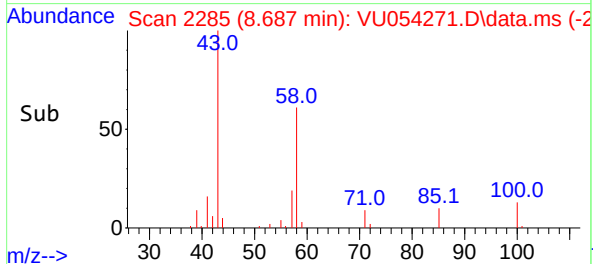
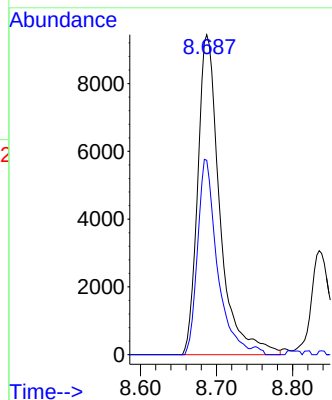
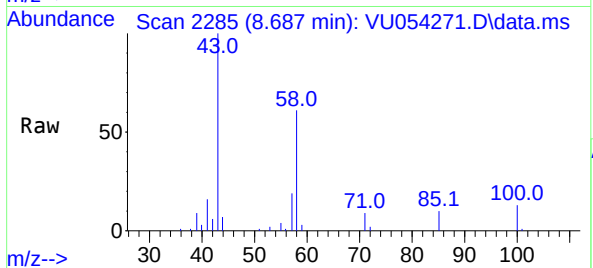
VIBLK

Tgt Ion: 43 Resp: 19056

Ion Ratio Lower Upper

43 100

58 54.3 30.3 90.8



#60

Dibromochloromethane

Concen: 0.299 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. 0.006 min

Lab File: VU054271.D

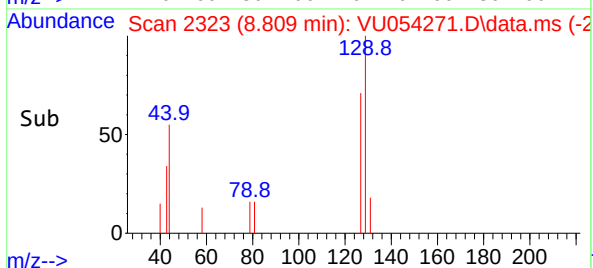
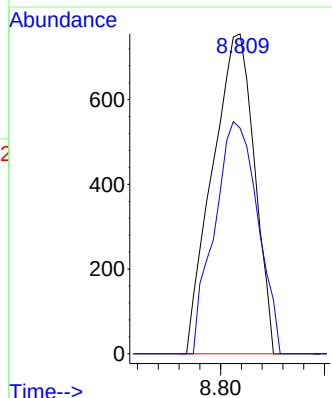
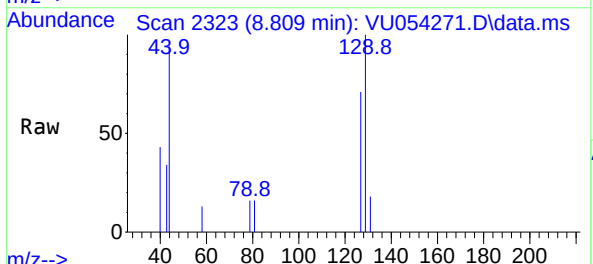
Acq: 25 May 2023 16:23

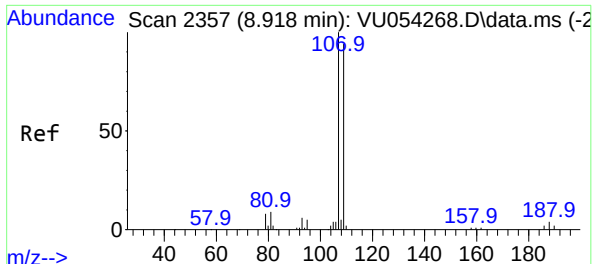
Tgt Ion: 129 Resp: 1055

Ion Ratio Lower Upper

129 100

127 75.1 38.6 116.0

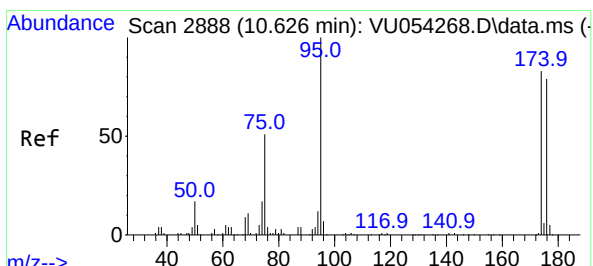
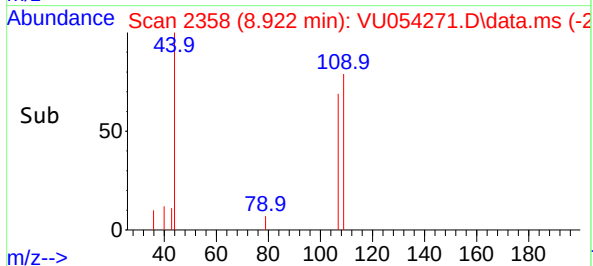
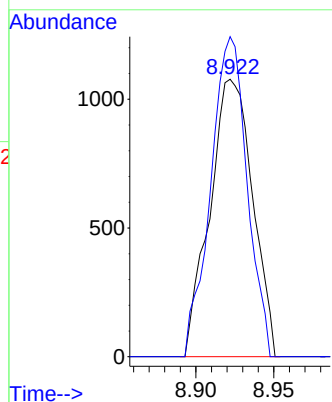
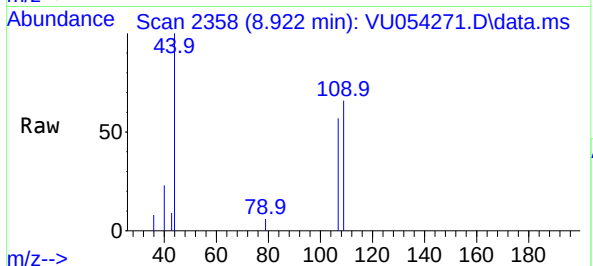




#61
1,2-Dibromoethane
Concen: 0.545 ug/l
RT: 8.922 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

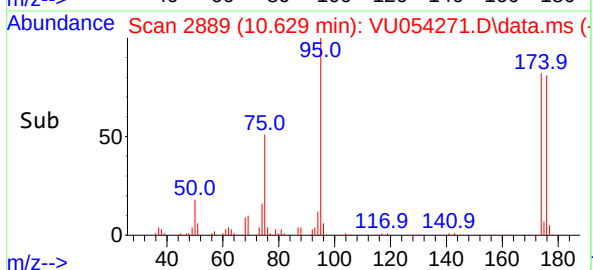
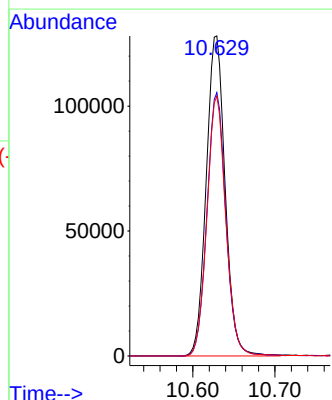
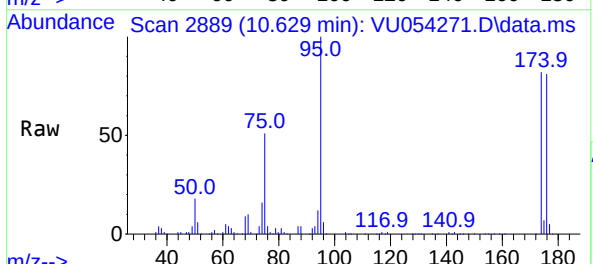
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

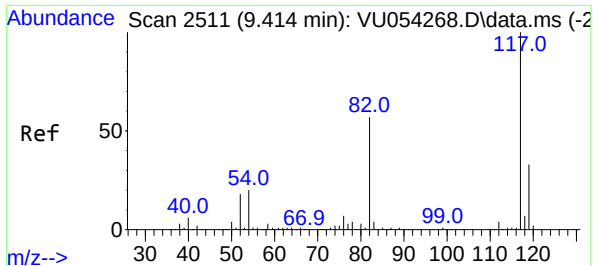
Tgt Ion:107 Resp: 2061
Ion Ratio Lower Upper
107 100
109 98.0 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 47.573 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 95 Resp: 205786
Ion Ratio Lower Upper
95 100
174 82.3 0.0 182.0
176 80.7 0.0 177.8

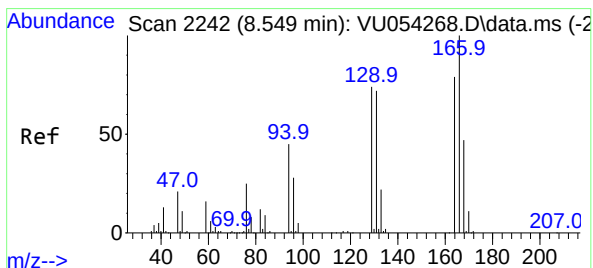
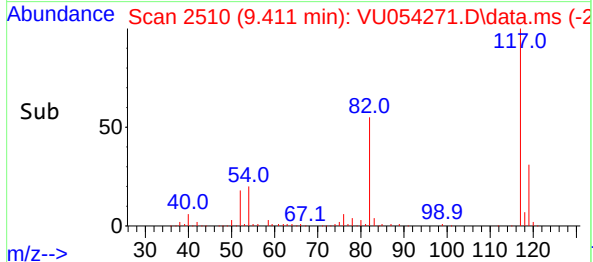
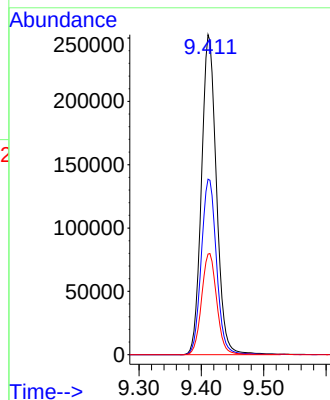
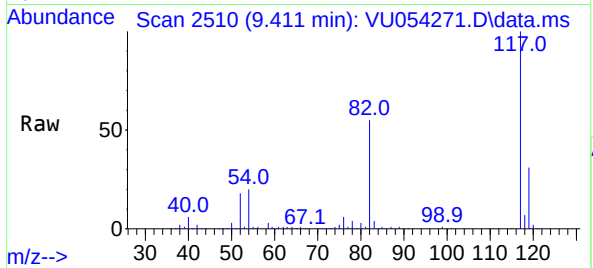




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

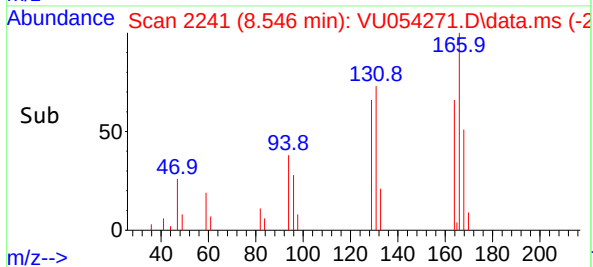
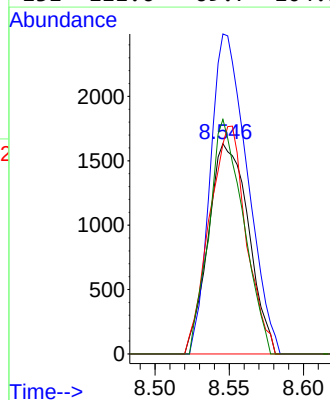
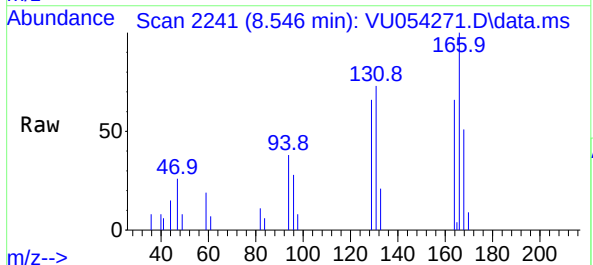
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

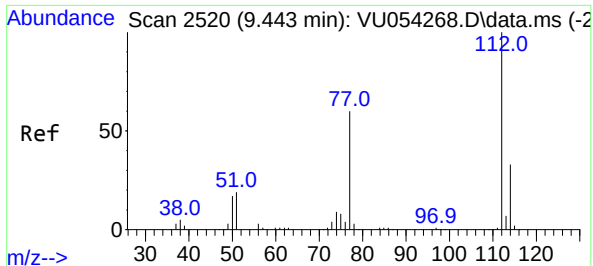
Tgt Ion:117 Resp: 421439
Ion Ratio Lower Upper
117 100
82 54.9 41.7 62.5
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 0.969 ug/l
RT: 8.546 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion:164 Resp: 3073
Ion Ratio Lower Upper
164 100
166 152.2 100.0 150.0#
129 99.8 72.0 108.0
131 111.6 69.7 104.5#

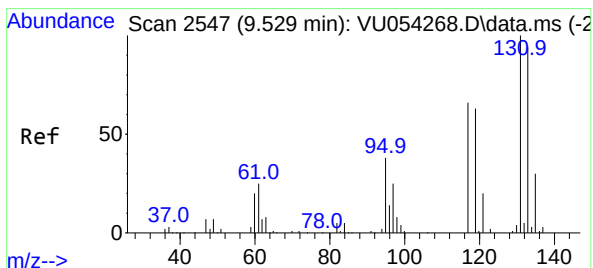
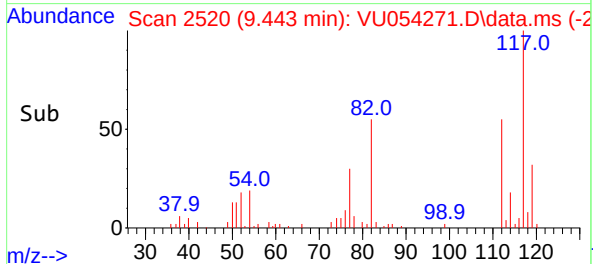
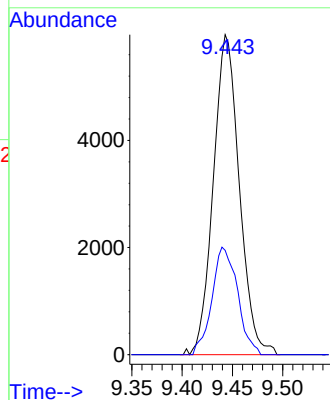
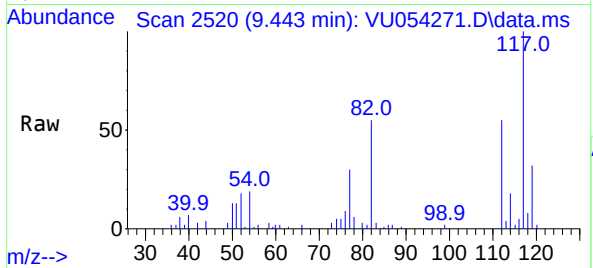




#65
Chlorobenzene
Concen: 1.219 ug/l
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

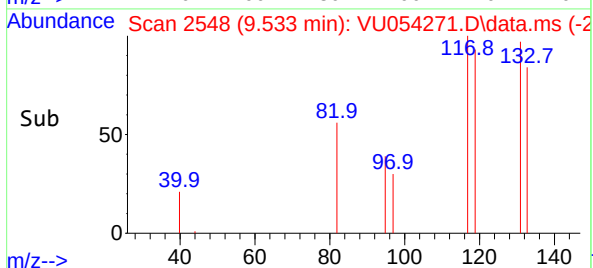
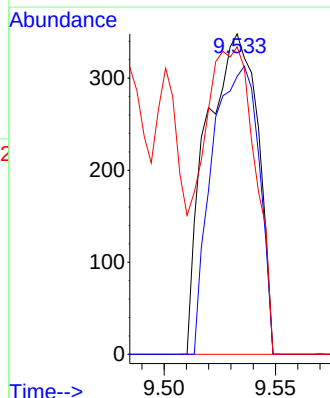
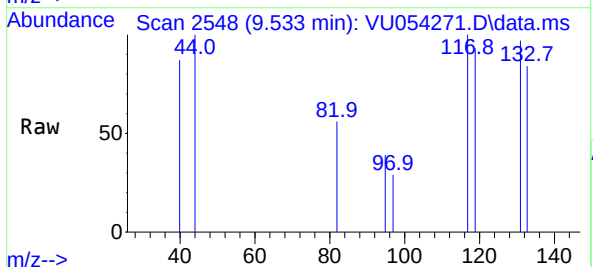
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

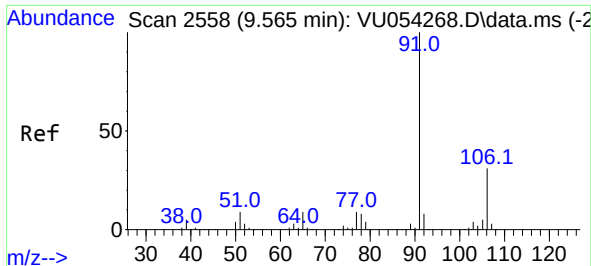
Tgt Ion:112 Resp: 10741
Ion Ratio Lower Upper
112 100
114 32.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 0.174 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.004 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion:131 Resp: 557
Ion Ratio Lower Upper
131 100
133 81.9 48.4 145.0
119 0.0 33.9 101.6#





#67

Ethyl Benzene

Concen: 0.817 ug/l

RT: 9.568 min Scan# 2558

Delta R.T. 0.003 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

Instrument :

MSVOA_U

ClientSampleId :

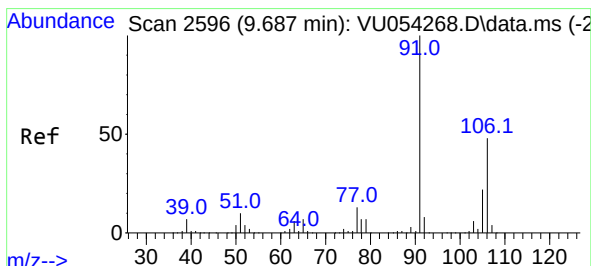
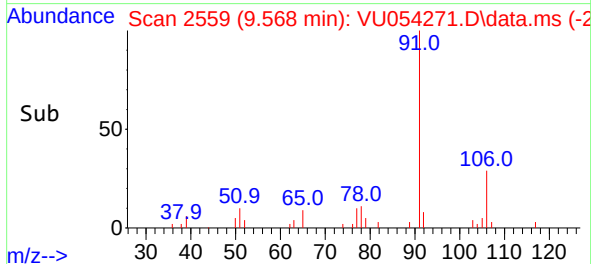
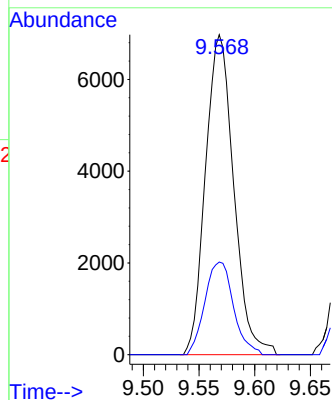
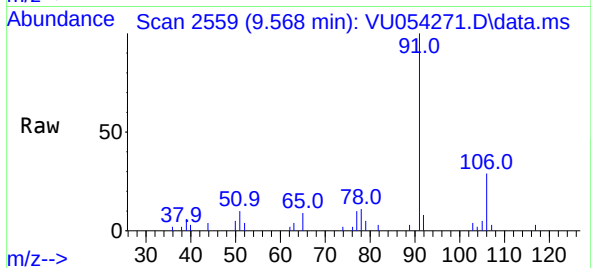
VIBLK

Tgt Ion: 91 Resp: 12302

Ion Ratio Lower Upper

91 100

106 28.9 25.6 38.4



#68

m/p-Xylenes

Concen: 1.741 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.003 min

Lab File: VU054271.D

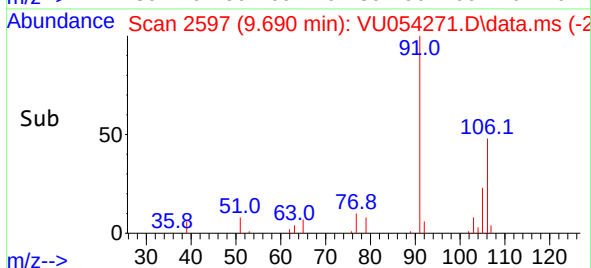
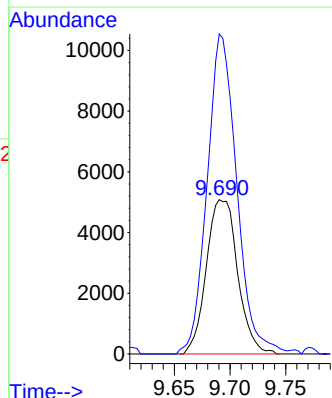
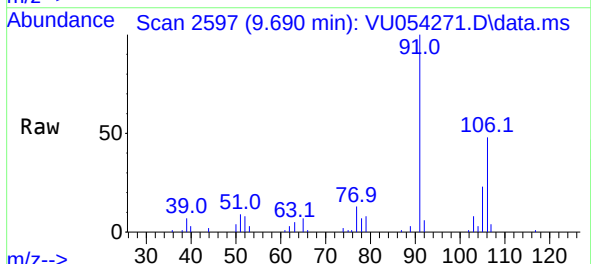
Acq: 25 May 2023 16:23

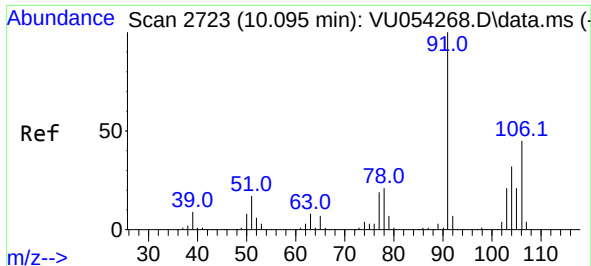
Tgt Ion: 106 Resp: 9939

Ion Ratio Lower Upper

106 100

91 196.2 157.2 235.8

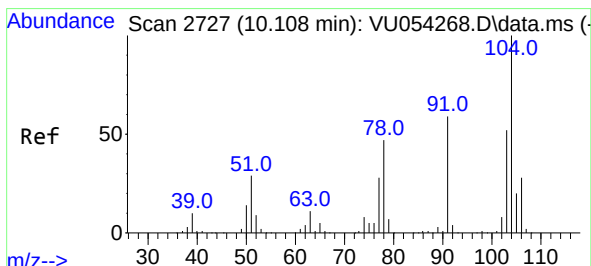
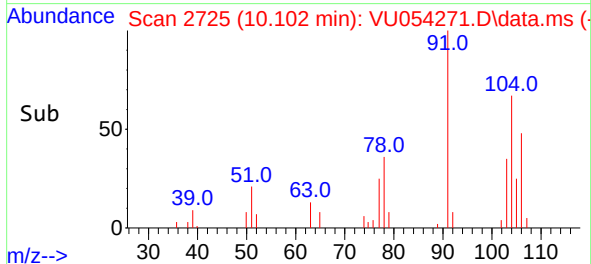
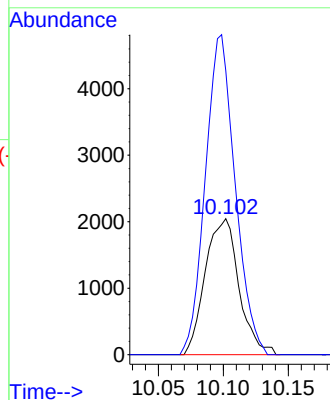
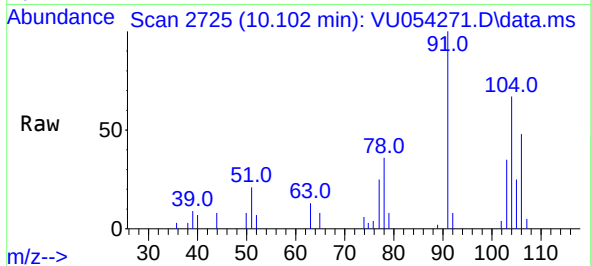




#69
o-Xylene
Concen: 0.667 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.007 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

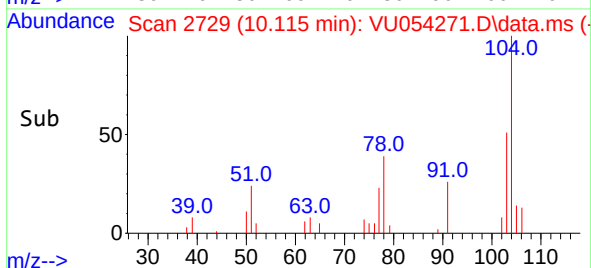
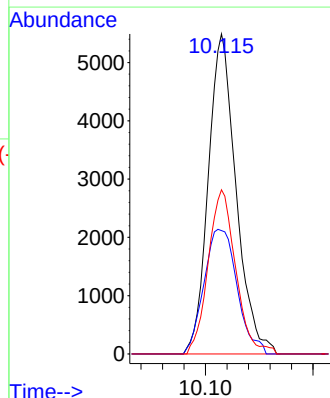
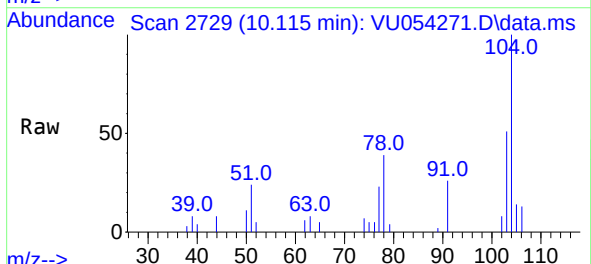
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

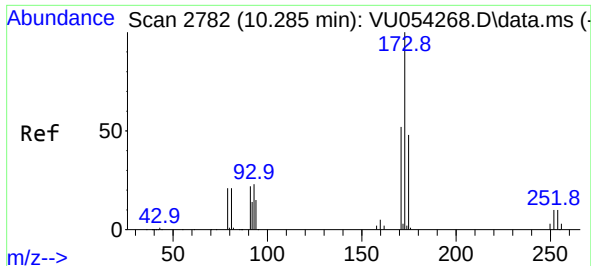
Tgt Ion:106 Resp: 3686
Ion Ratio Lower Upper
106 100
91 208.5 103.5 310.5



#70
Styrene
Concen: 1.076 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.007 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion:104 Resp: 9860
Ion Ratio Lower Upper
104 100
78 46.4 38.0 57.0
103 50.7 43.9 65.9

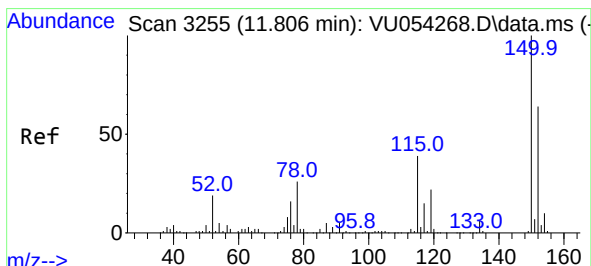
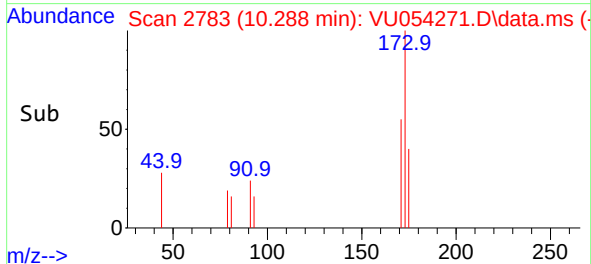
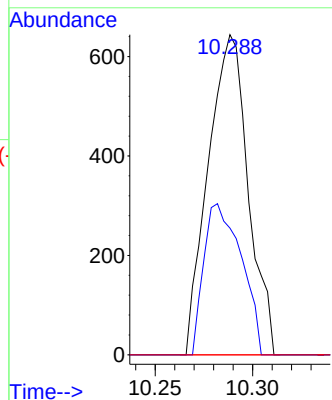
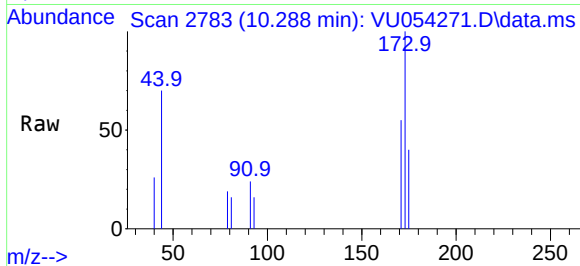




#71
Bromoform
Concen: 0.332 ug/l
RT: 10.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

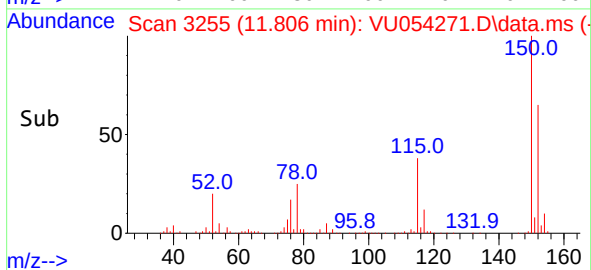
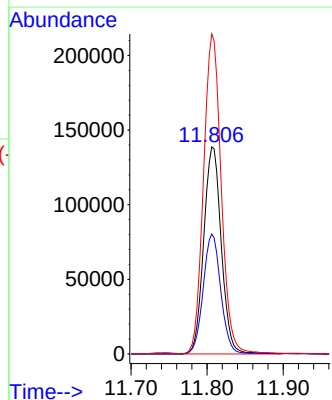
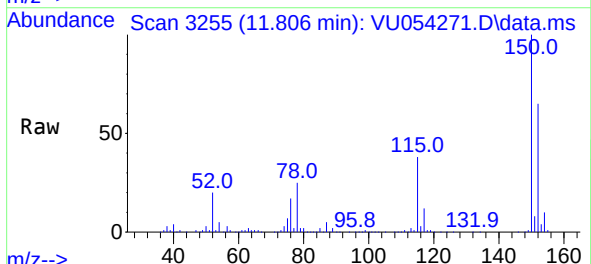
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

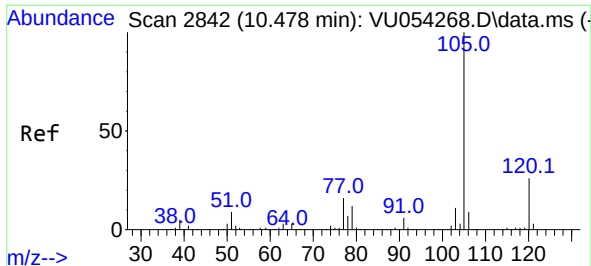
Tgt Ion:173 Resp: 921
Ion Ratio Lower Upper
173 100
175 44.2 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion:152 Resp: 222352
Ion Ratio Lower Upper
152 100
115 57.7 37.0 110.9
150 155.2 0.0 342.2

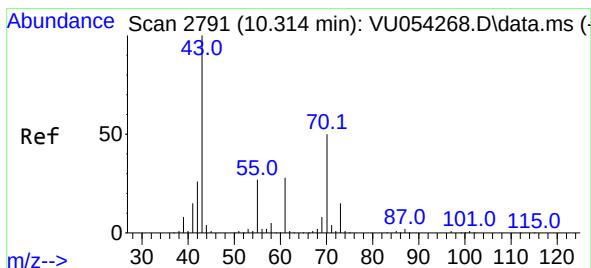
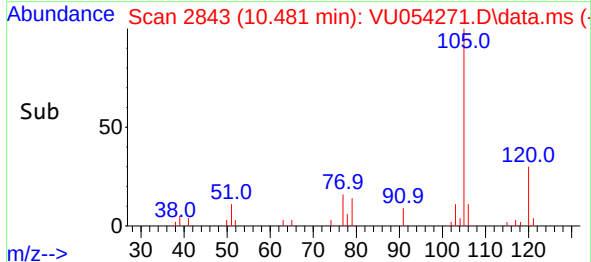
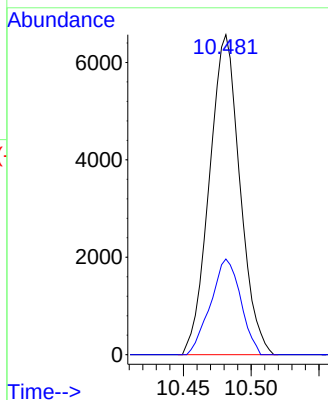
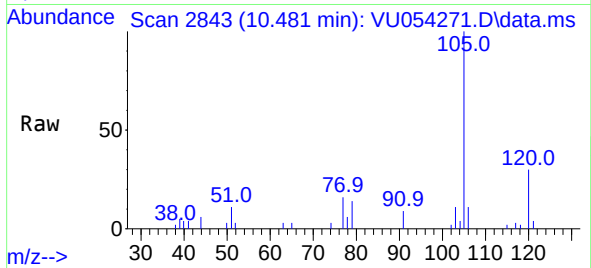




#73
Isopropylbenzene
Concen: 0.749 ug/l
RT: 10.481 min Scan# 2842
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

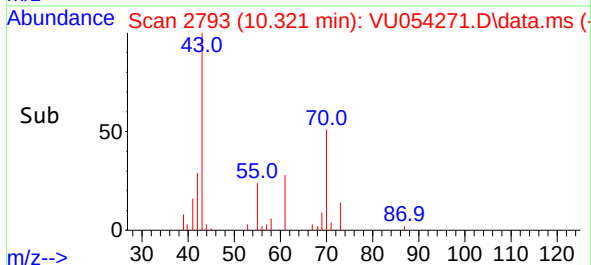
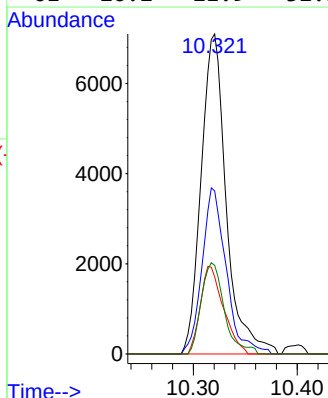
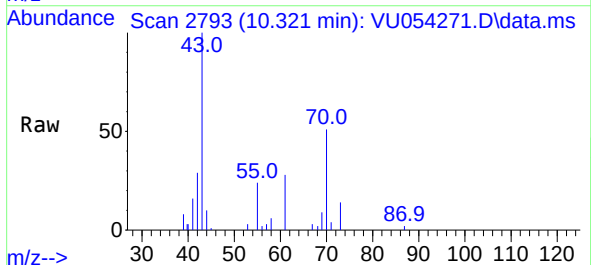
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

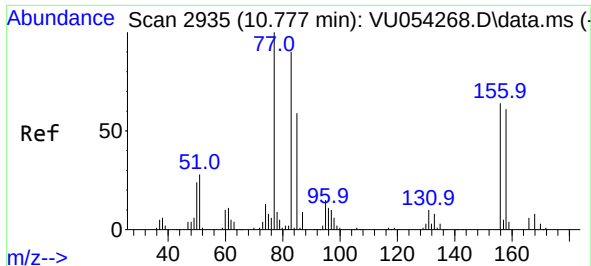
Tgt Ion:105 Resp: 10311
Ion Ratio Lower Upper
105 100
120 29.3 13.8 41.4



#74
N-ethyl acetate
Concen: 2.039 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.007 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 43 Resp: 11924
Ion Ratio Lower Upper
43 100
70 50.0 38.7 58.1
55 25.1 21.8 32.8
61 26.2 21.9 32.9

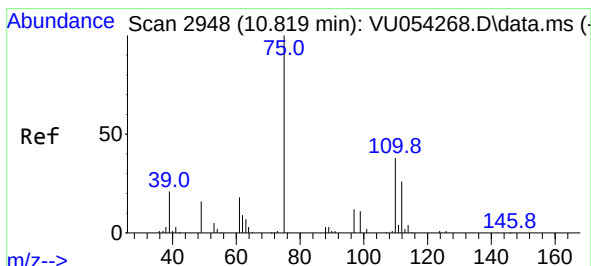
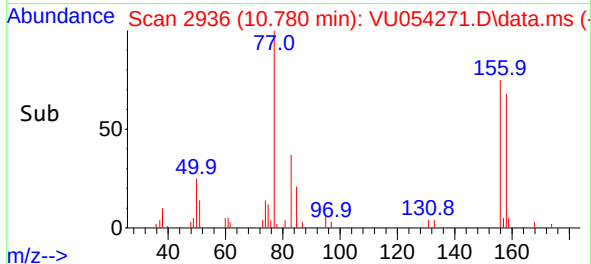
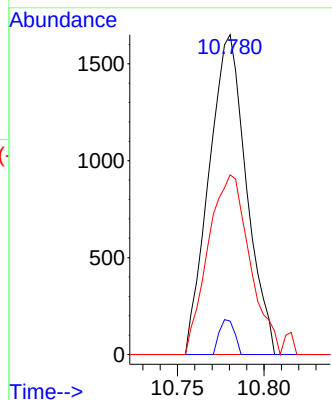
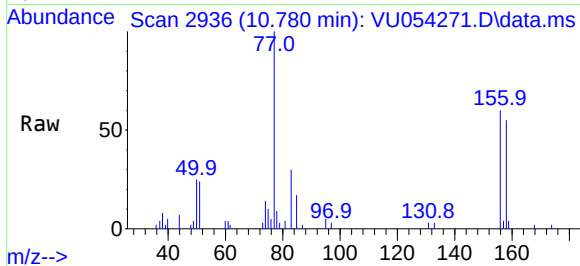




#75
1,1,2,2-Tetrachloroethane
Concen: 0.444 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

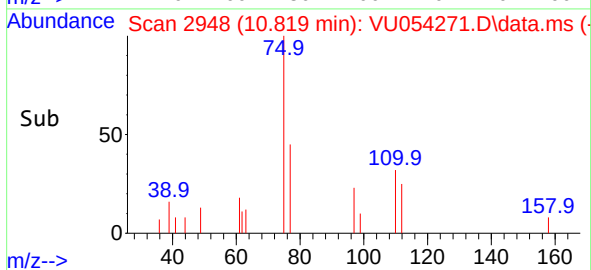
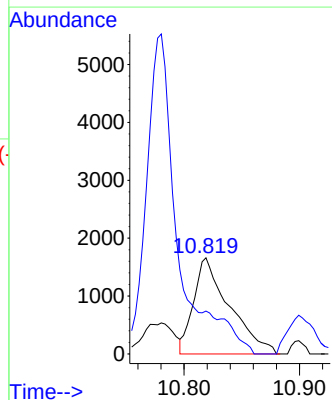
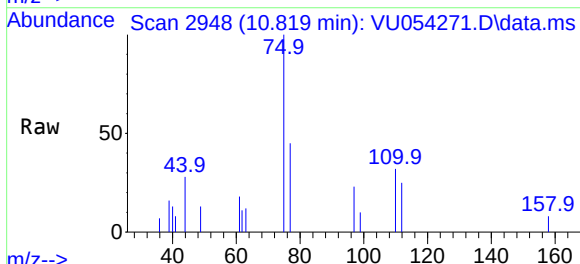
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

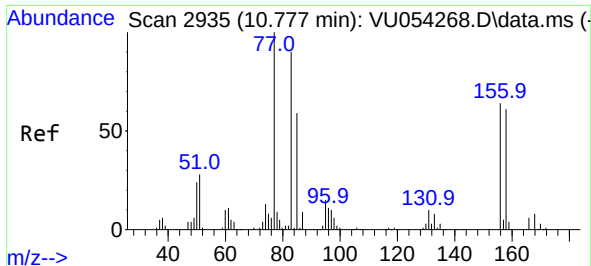
Tgt Ion: 83 Resp: 2475
Ion Ratio Lower Upper
83 100
131 4.4 5.1 15.4#
85 62.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 0.549 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 75 Resp: 3565
Ion Ratio Lower Upper
75 100
77 0.0 15.8 47.3#

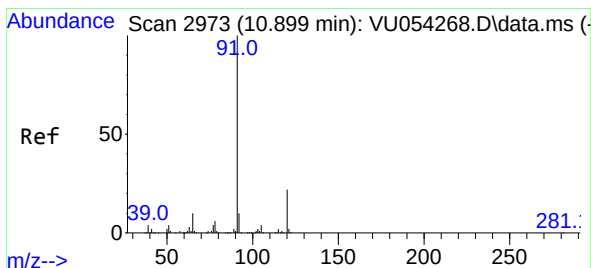
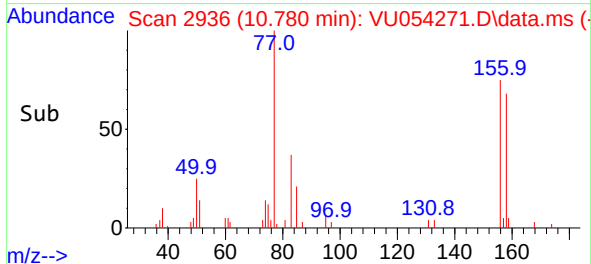
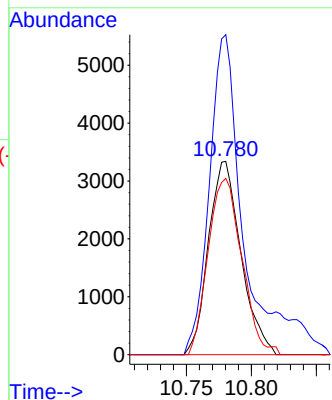
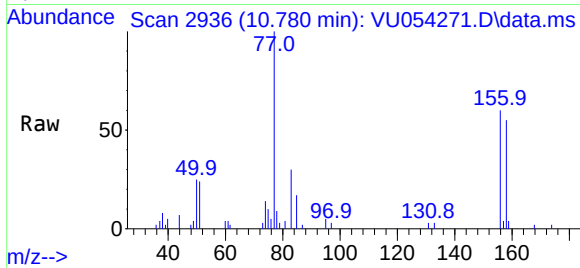




#77
Bromobenzene
Concen: 1.537 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

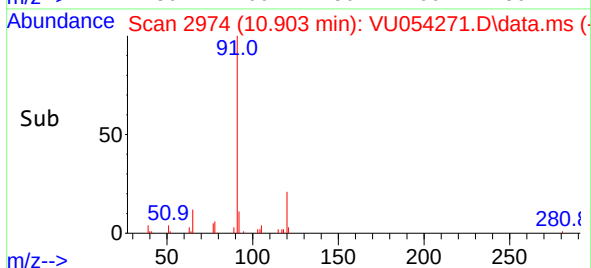
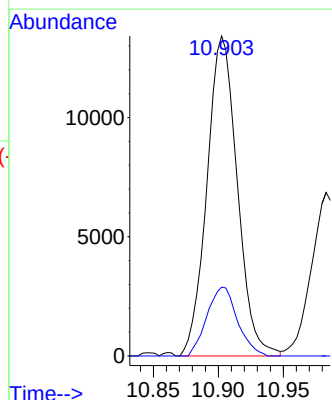
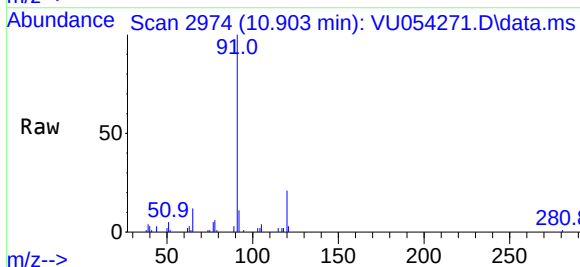
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

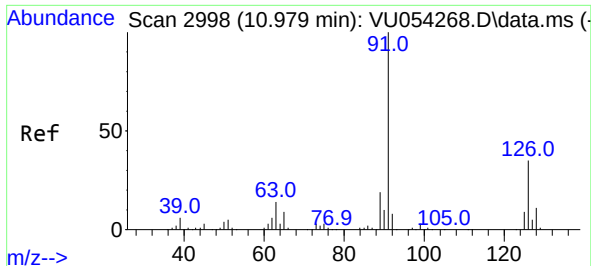
Tgt Ion:156 Resp: 5811
Ion Ratio Lower Upper
156 100
77 177.1 71.9 215.6
158 94.4 48.9 146.8



#78
n-propylbenzene
Concen: 1.292 ug/l
RT: 10.903 min Scan# 2974
Delta R.T. 0.004 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 91 Resp: 21793
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 1.108 ug/l

RT: 10.983 min Scan# 2998

Delta R.T. 0.004 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

Instrument :

MSVOA_U

ClientSampleId :

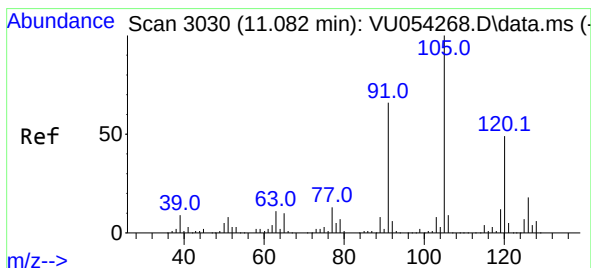
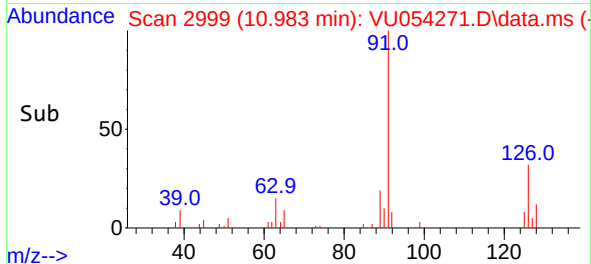
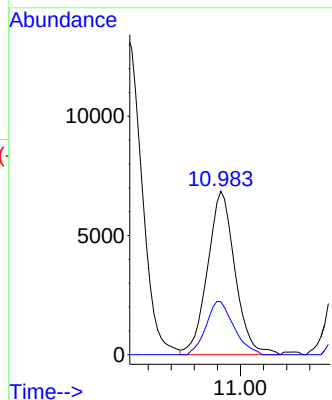
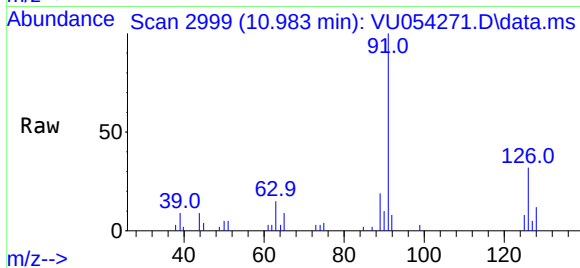
VIBLK

Tgt Ion: 91 Resp: 11311

Ion Ratio Lower Upper

91 100

126 33.0 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 0.849 ug/l

RT: 11.083 min Scan# 3030

Delta R.T. 0.001 min

Lab File: VU054271.D

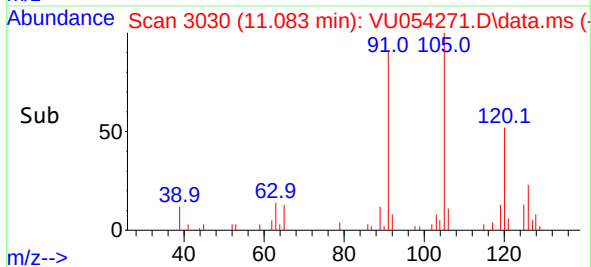
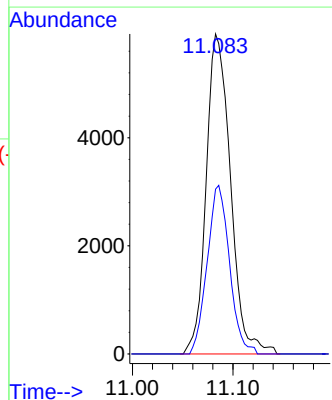
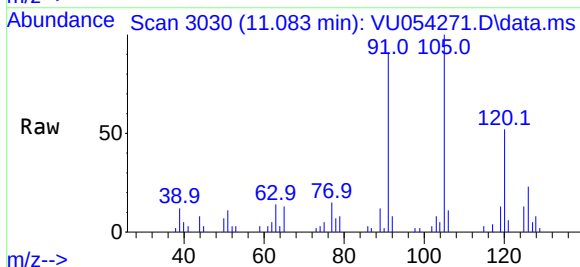
Acq: 25 May 2023 16:23

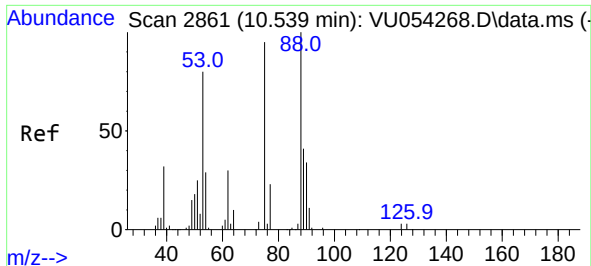
Tgt Ion: 105 Resp: 9948

Ion Ratio Lower Upper

105 100

120 48.4 25.3 75.9

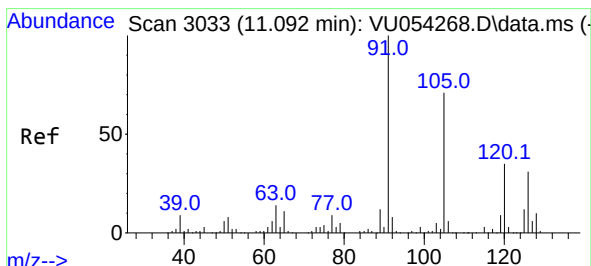
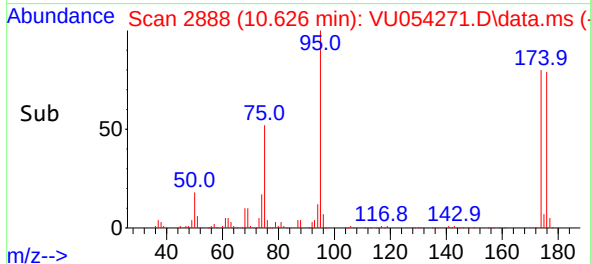
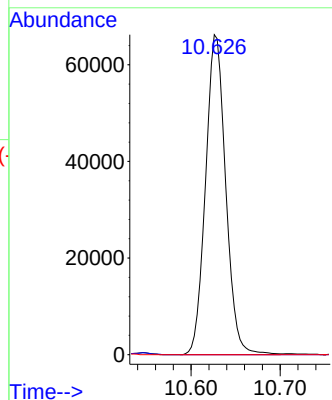
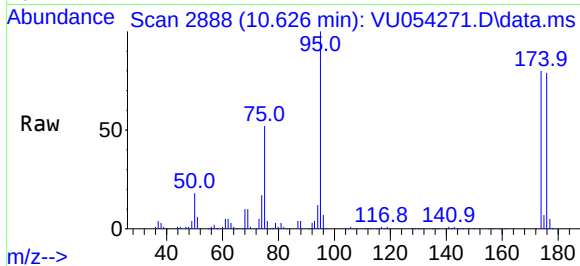




#81
trans-1,4-Dichloro-2-butene
Concen: 61.055 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. 0.087 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

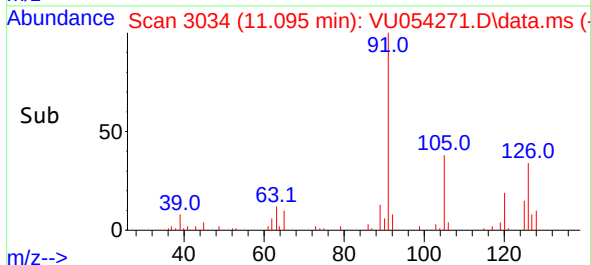
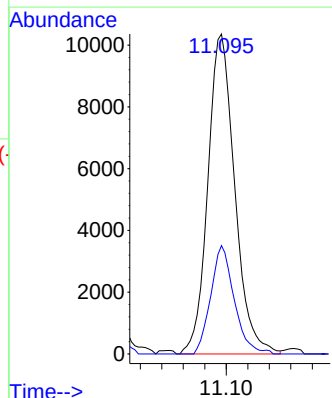
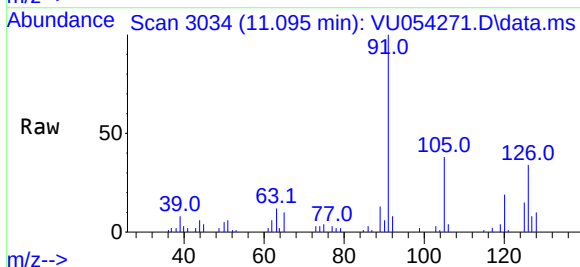
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

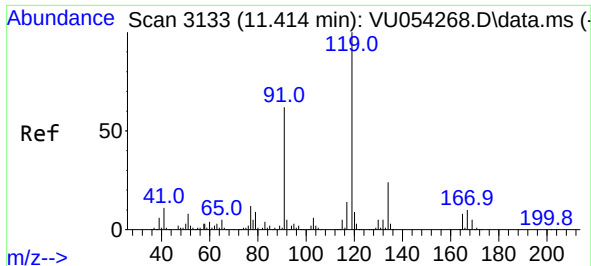
Tgt Ion: 75 Resp: 104051
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 1.502 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 91 Resp: 18002
Ion Ratio Lower Upper
91 100
126 29.5 16.1 48.2

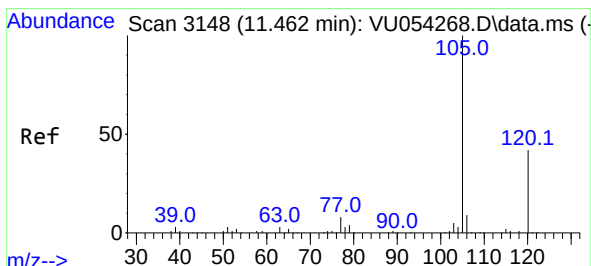
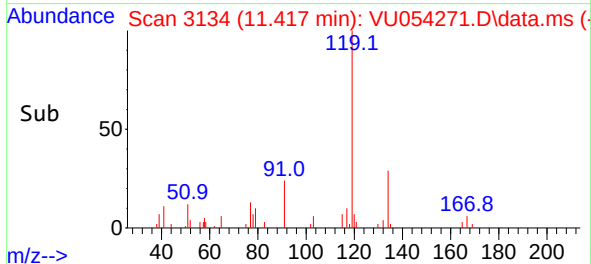
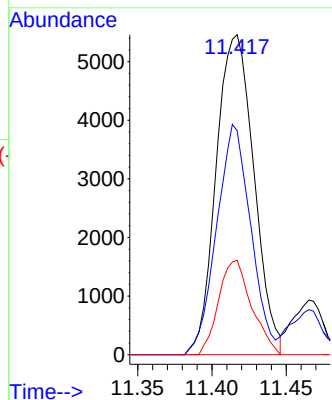
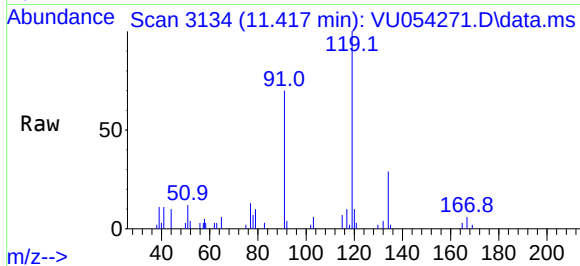




#83
tert-Butylbenzene
Concen: 0.825 ug/l
RT: 11.417 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

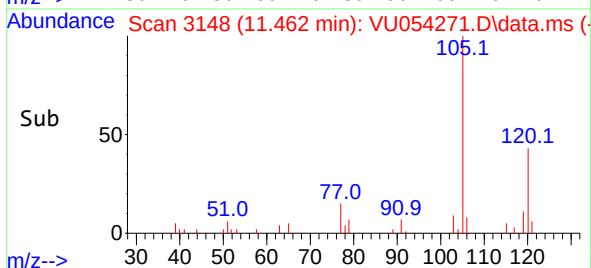
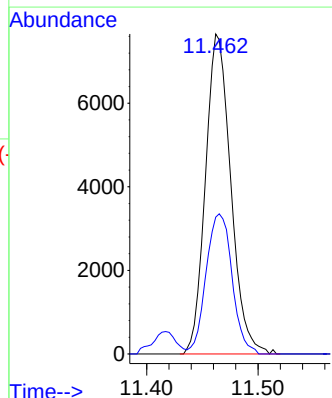
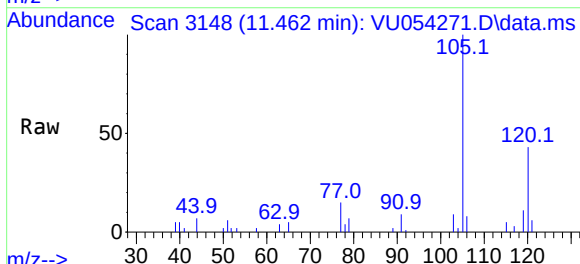
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

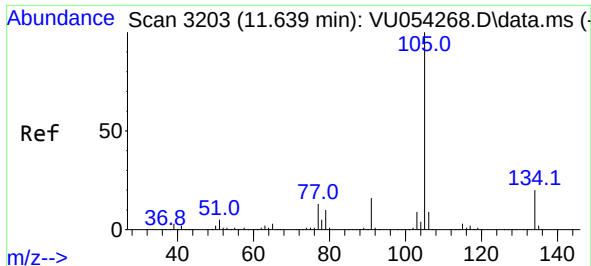
Tgt Ion:	119	Resp:	9666
Ion Ratio	Lower	Upper	
119	100		
91	65.1	26.8	80.3
134	25.7	11.5	34.5



#84
1,2,4-Trimethylbenzene
Concen: 1.040 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion:	105	Resp:	12114
Ion Ratio	Lower	Upper	
105	100		
120	44.8	23.4	70.3

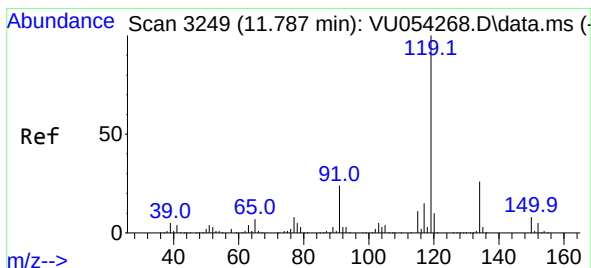
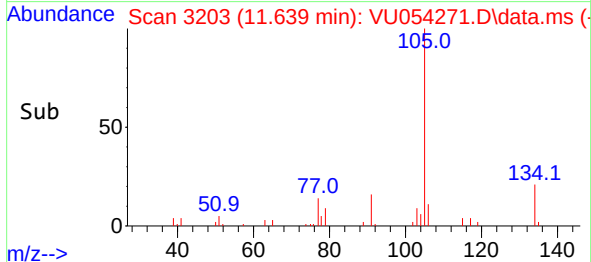
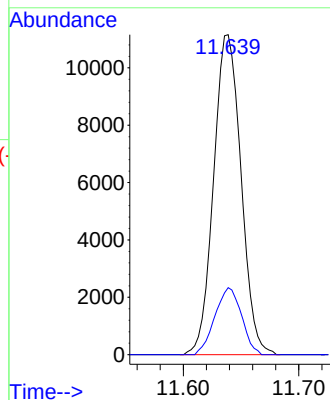
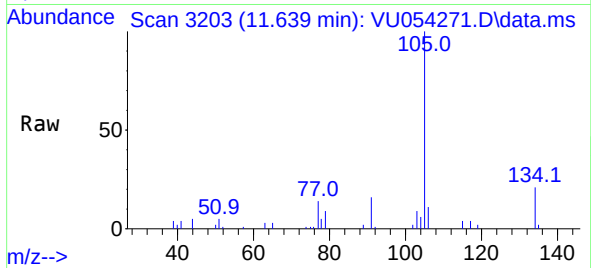




#85
 sec-Butylbenzene
 Concen: 1.238 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054271.D
 Acq: 25 May 2023 16:23

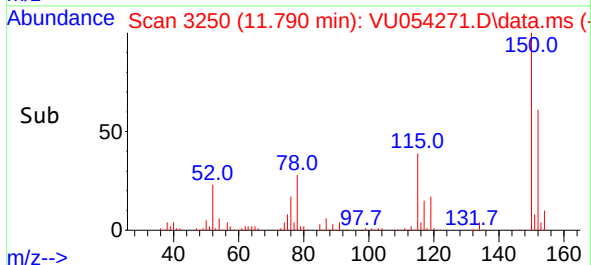
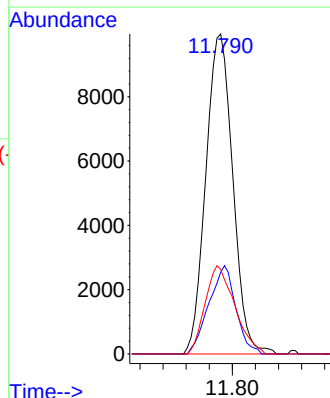
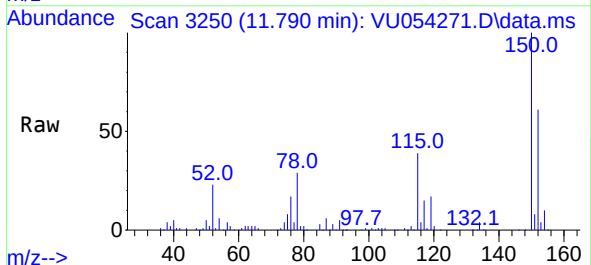
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

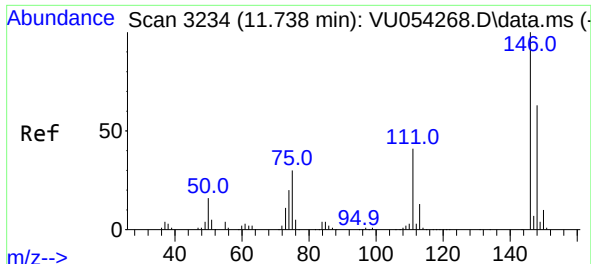
Tgt Ion:105 Resp: 18396
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 1.291 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU054271.D
 Acq: 25 May 2023 16:23

Tgt Ion:119 Resp: 16132
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.5 40.4
 91 30.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 1.963 ug/l

RT: 11.742 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

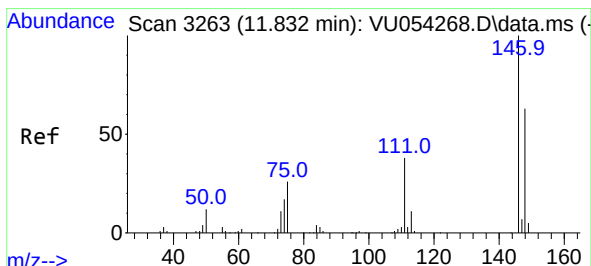
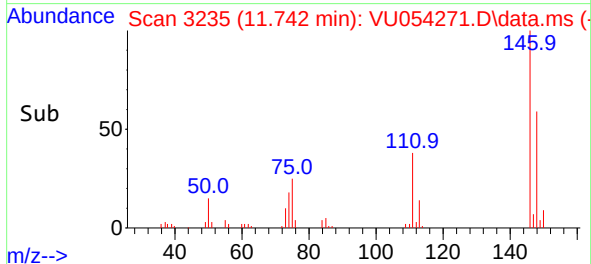
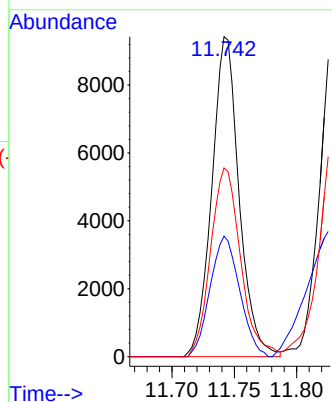
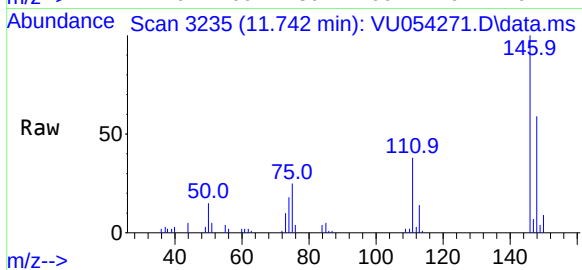
Tgt Ion:146 Resp: 14374

Ion Ratio Lower Upper

146 100

111 40.8 18.9 56.5

148 64.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 2.188 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

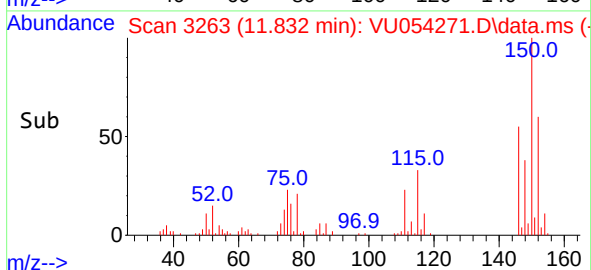
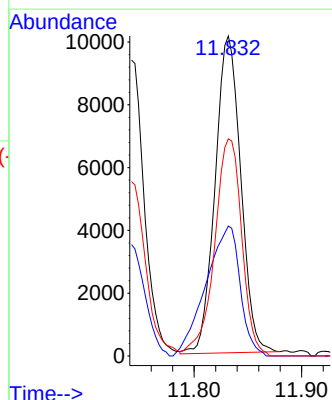
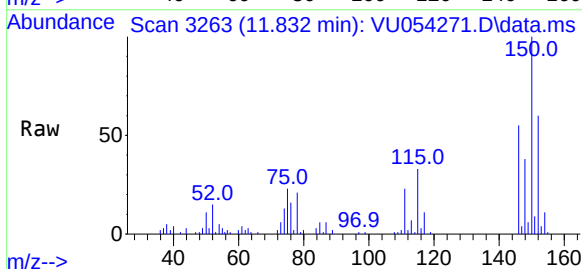
Tgt Ion:146 Resp: 16736

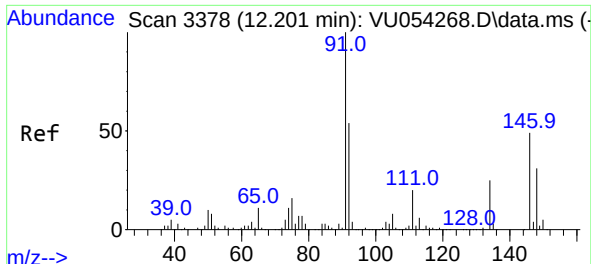
Ion Ratio Lower Upper

146 100

111 54.6 18.5 55.5

148 72.9 31.9 95.7

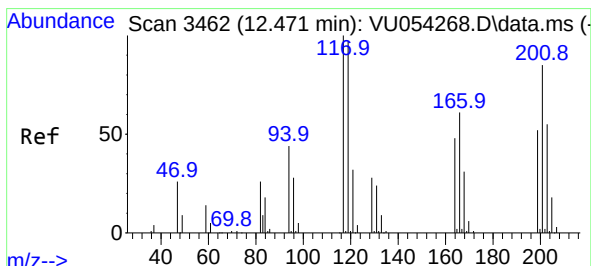
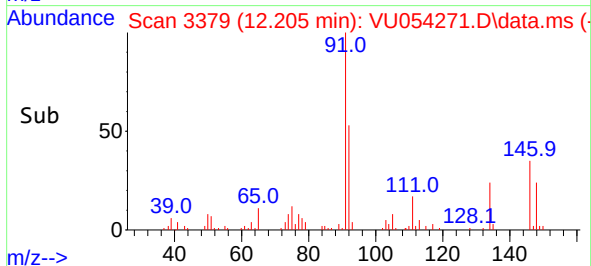
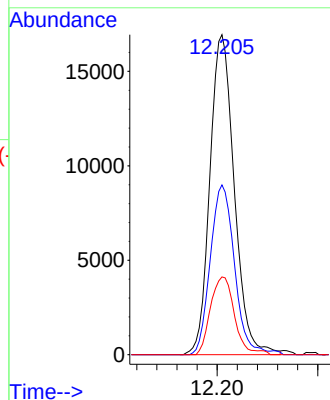
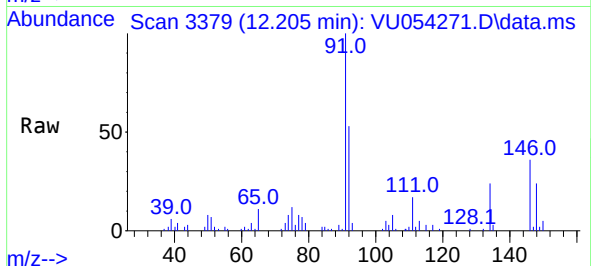




#89
n-Butylbenzene
Concen: 2.424 ug/l
RT: 12.205 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

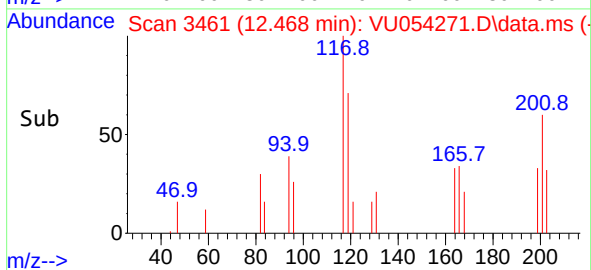
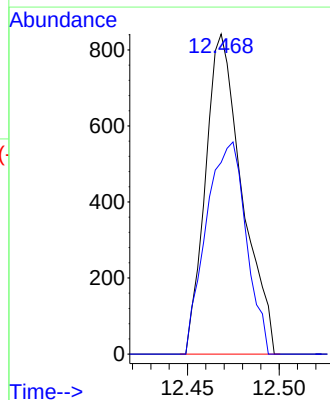
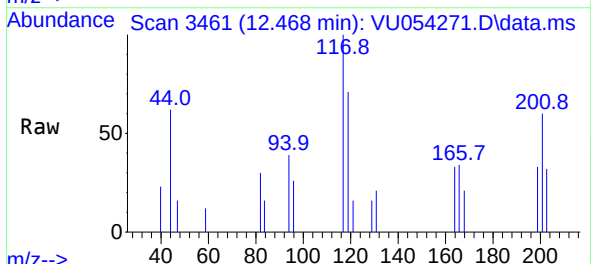
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

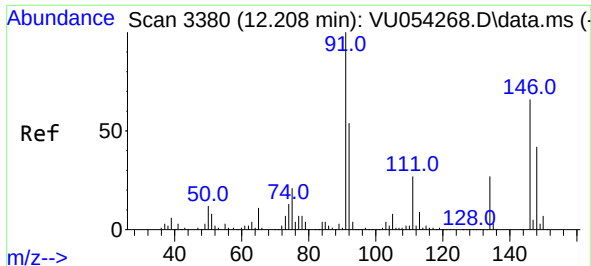
Tgt Ion: 91 Resp: 28516
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.6
134 23.9 13.5 40.4



#90
Hexachloroethane
Concen: 0.529 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion: 117 Resp: 1170
Ion Ratio Lower Upper
117 100
201 72.1 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 1.701 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

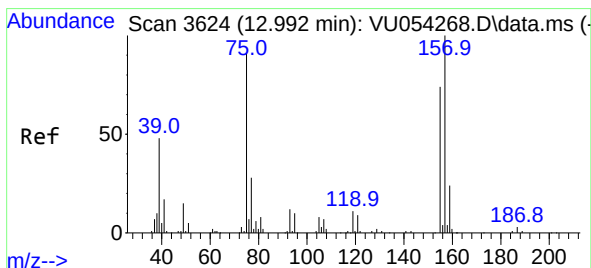
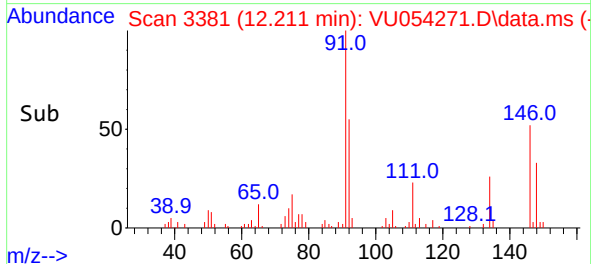
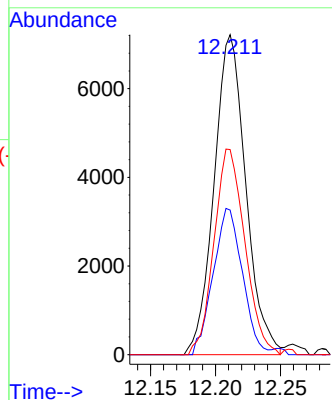
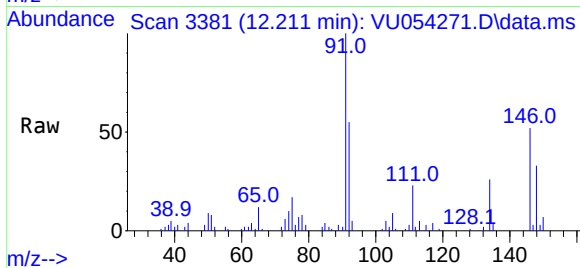
Tgt Ion:146 Resp: 12250

Ion Ratio Lower Upper

146 100

111 42.1 19.9 59.6

148 62.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.187 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.004 min

Lab File: VU054271.D

Acq: 25 May 2023 16:23

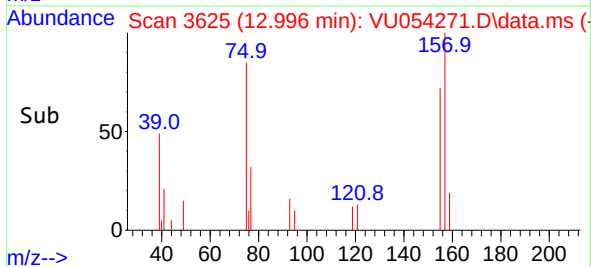
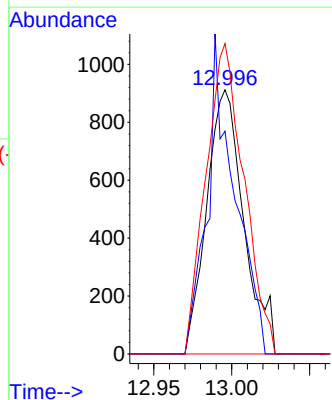
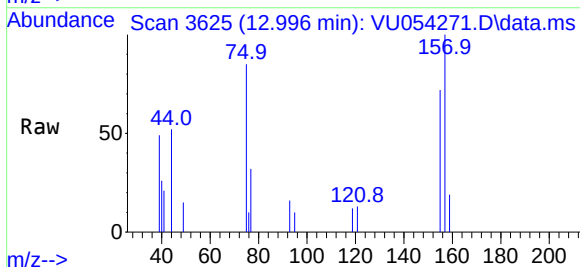
Tgt Ion: 75 Resp: 1509

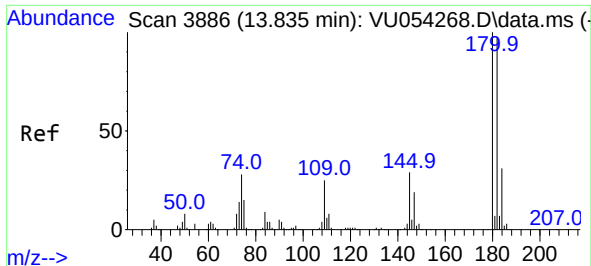
Ion Ratio Lower Upper

75 100

155 89.7 47.8 143.4

157 120.7 62.2 186.5

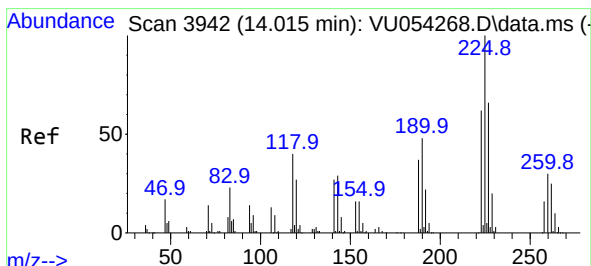
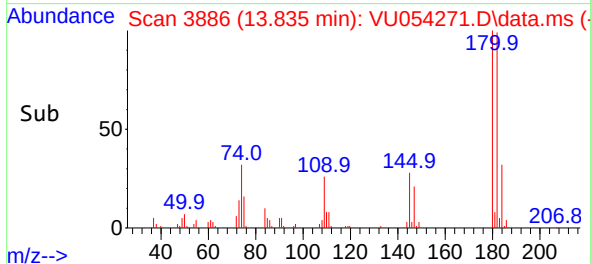
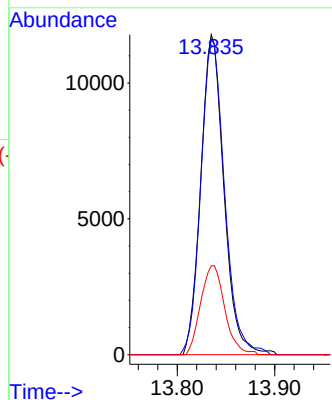
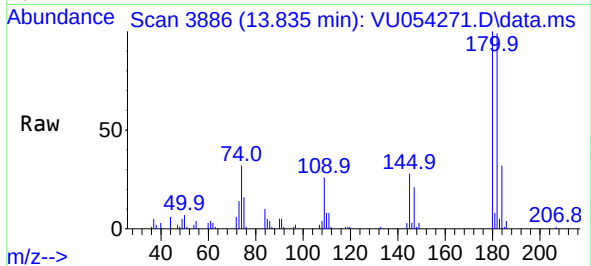




#93
1,2,4-Trichlorobenzene
Concen: 5.314 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

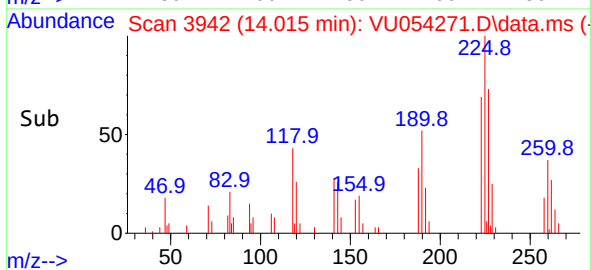
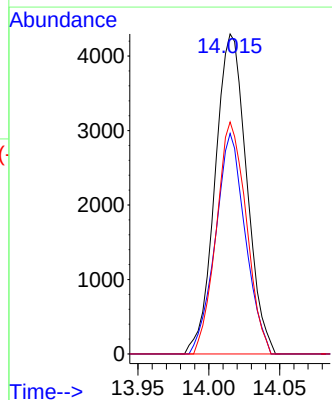
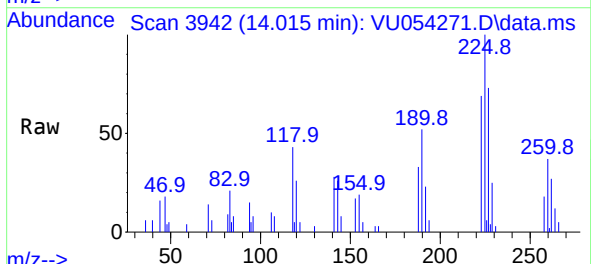
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

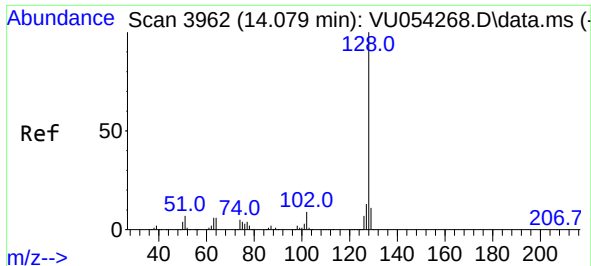
Tgt Ion:180 Resp: 19412
Ion Ratio Lower Upper
180 100
182 101.1 47.9 143.6
145 29.0 14.0 41.9



#94
Hexachlorobutadiene
Concen: 3.581 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.000 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion:225 Resp: 6653
Ion Ratio Lower Upper
225 100
223 65.3 31.3 93.9
227 68.9 32.0 96.2

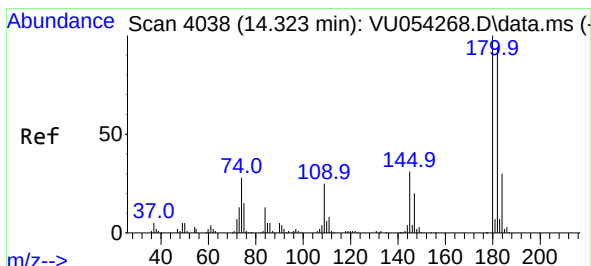
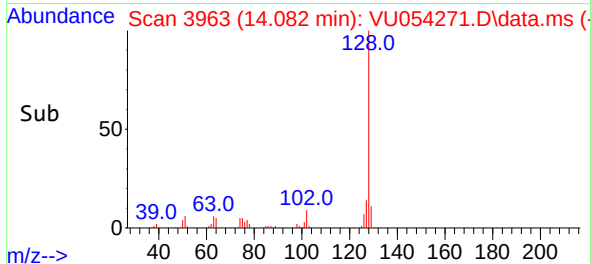
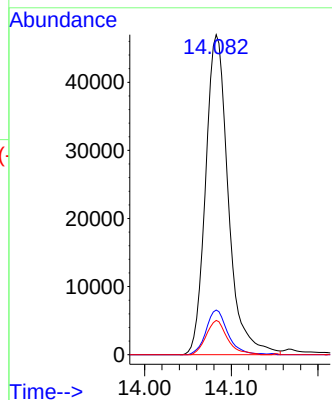
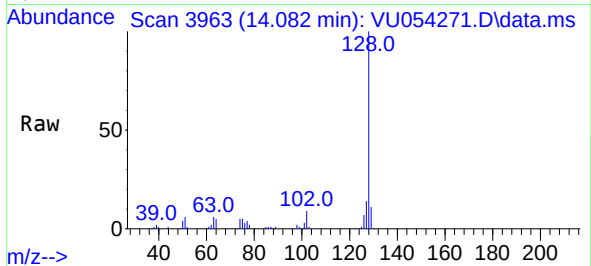




#95
Naphthalene
Concen: 6.986 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion:128	Resp:	85543
Ion	Ratio	Lower Upper
128	100	
127	13.4	10.3 15.5
129	10.0	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.505 ug/l
RT: 14.324 min Scan# 4038
Delta R.T. 0.001 min
Lab File: VU054271.D
Acq: 25 May 2023 16:23

Tgt Ion:180	Resp:	22090
Ion	Ratio	Lower Upper
180	100	
182	98.0	48.4 145.0
145	33.3	14.8 44.4

