

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054304.D
 Acq On : 30 May 2023 11:01
 Operator : JC/MD
 Sample : VU0530WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBS01

Quant Time: May 31 06:22:45 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	5.369	168	200408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	332618	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	319965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	175332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	140450	53.461	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.920%
35) Dibromofluoromethane	5.282	113	113037	52.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.540%
50) Toluene-d8	7.893	98	425761	52.257	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.520%
62) 4-Bromofluorobenzene	10.626	95	156738	49.615	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.220%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	48249	21.566	ug/l	97
3) Chloromethane	1.520	50	62790	21.434	ug/l	99
4) Vinyl Chloride	1.604	62	62248	22.271	ug/l	100
5) Bromomethane	1.855	94	33545	21.681	ug/l	99
6) Chloroethane	1.925	64	30647	22.737	ug/l	99
7) Trichlorofluoromethane	2.134	101	77485	20.151	ug/l	95
8) Diethyl Ether	2.372	74	31153	21.884	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.578	101	44547	21.397	ug/l	96
10) Methyl Iodide	2.719	142	44125	19.199	ug/l	97
11) Tert butyl alcohol	3.208	59	29290	41.274	ug/l #	47
12) 1,1-Dichloroethene	2.575	96	43017	19.955	ug/l	91
13) Acrolein	2.485	56	68868	93.285	ug/l	100
14) Allyl chloride	2.919	41	80220	21.462	ug/l	87
15) Acrylonitrile	3.311	53	170022	106.859	ug/l	100
16) Acetone	2.629	43	159003	105.587	ug/l	97
17) Carbon Disulfide	2.790	76	128819	20.220	ug/l	99
18) Methyl Acetate	2.945	43	118734	21.594	ug/l	94
19) Methyl tert-butyl Ether	3.359	73	144477	20.475	ug/l	97
20) Methylene Chloride	3.041	84	54469	20.049	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	48014	20.804	ug/l	99
22) Diisopropyl ether	3.986	45	149243	22.528	ug/l	83
23) Vinyl Acetate	3.948	43	536191	110.921	ug/l	98
24) 1,1-Dichloroethane	3.864	63	92452	21.795	ug/l	98
25) 2-Butanone	4.700	43	220490	110.587	ug/l	96
26) 2,2-Dichloropropane	4.658	77	76722	20.696	ug/l	99
27) cis-1,2-Dichloroethene	4.662	96	53296	20.759	ug/l	92
28) Bromochloromethane	4.967	49	43611	22.217	ug/l	82
29) Tetrahydrofuran	5.047	42	138501	110.512	ug/l	91
30) Chloroform	5.083	83	90819	21.062	ug/l	97
31) Cyclohexane	5.379	56	77420	20.870	ug/l	95
32) 1,1,1-Trichloroethane	5.308	97	79465	21.227	ug/l	99
36) 1,1-Dichloropropene	5.520	75	62642	18.619	ug/l	98
37) Ethyl Acetate	4.797	43	76623	18.688	ug/l #	89
38) Carbon Tetrachloride	5.520	117	68842	19.992	ug/l	97
39) Methylcyclohexane	6.755	83	74648	19.589	ug/l	93
40) Benzene	5.768	78	197605	20.591	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	41832	22.075	ug/l	92
42) 1,2-Dichloroethane	5.790	62	69941	20.063	ug/l	99
43) Isopropyl Acetate	5.906	43	115499	20.422	ug/l	99
44) Trichloroethene	6.536	130	50867	18.962	ug/l	88
45) 1,2-Dichloropropane	6.784	63	53927	21.541	ug/l	99
46) Dibromomethane	6.912	93	38391	20.833	ug/l	93
47) Bromodichloromethane	7.099	83	70916	20.578	ug/l	99
48) Methyl methacrylate	6.954	41	52757	21.035	ug/l	91
49) 1,4-Dioxane	6.993	88	28034	387.173	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	393879	104.361	ug/l	99
52) Toluene	7.964	92	122546	20.027	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	81102	20.570	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	84556	20.550	ug/l	99
55) 1,1,2-Trichloroethane	8.395	97	53241	20.995	ug/l	97
56) Ethyl methacrylate	8.327	69	76528	20.274	ug/l	95
57) 1,3-Dichloropropane	8.568	76	89870	20.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	13714	56.666	ug/l	97
59) 2-Hexanone	8.681	43	307660	103.192	ug/l	98
60) Dibromochloromethane	8.803	129	56070	21.763	ug/l	98
61) 1,2-Dibromoethane	8.919	107	58614	21.238	ug/l	98
64) Tetrachloroethene	8.546	164	48999	20.347	ug/l	97
65) Chlorobenzene	9.443	112	132188	19.762	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.530	131	50158	20.670	ug/l	99
67) Ethyl Benzene	9.565	91	226966	19.847	ug/l	97
68) m/p-Xylenes	9.687	106	176315	40.675	ug/l	94
69) o-Xylene	10.095	106	83932	20.002	ug/l	93
70) Styrene	10.108	104	142955	20.543	ug/l	97
71) Bromoform	10.285	173	45370	21.516	ug/l #	100
73) Isopropylbenzene	10.478	105	221044	20.357	ug/l	97
74) N-amyl acetate	10.314	43	93012	20.173	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	92197	20.984	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	103932	20.310	ug/l	94
77) Bromobenzene	10.777	156	59264	19.875	ug/l	90
78) n-propylbenzene	10.899	91	271556	20.415	ug/l	96
79) 2-Chlorotoluene	10.980	91	164956	20.483	ug/l	93
80) 1,3,5-Trimethylbenzene	11.082	105	187417	20.296	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	26982	20.078	ug/l	95
82) 4-Chlorotoluene	11.092	91	188057	19.902	ug/l	95
83) tert-Butylbenzene	11.414	119	184328	19.962	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	185935	20.239	ug/l	99
85) sec-Butylbenzene	11.639	105	236468	20.182	ug/l	99
86) p-Isopropyltoluene	11.787	119	193227	19.607	ug/l	97
87) 1,3-Dichlorobenzene	11.742	146	111014	19.228	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	112317	18.621	ug/l	98
89) n-Butylbenzene	12.205	91	171218	18.457	ug/l	98
90) Hexachloroethane	12.468	117	37064	21.259	ug/l	90
91) 1,2-Dichlorobenzene	12.208	146	113426	19.970	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	22238	22.193	ug/l	87
93) 1,2,4-Trichlorobenzene	13.835	180	72994	19.148	ug/l	97
94) Hexachlorobutadiene	14.015	225	36007	19.770	ug/l	99
95) Naphthalene	14.082	128	223939	18.572	ug/l	99
96) 1,2,3-Trichlorobenzene	14.324	180	72229	18.878	ug/l	98

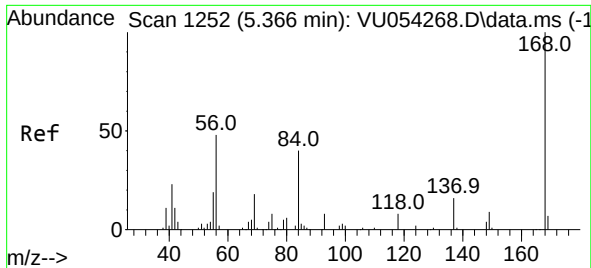
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Response via : Initial Calibration

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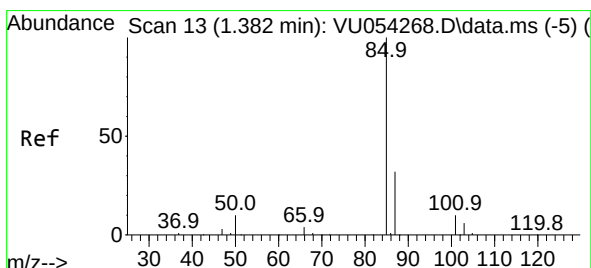
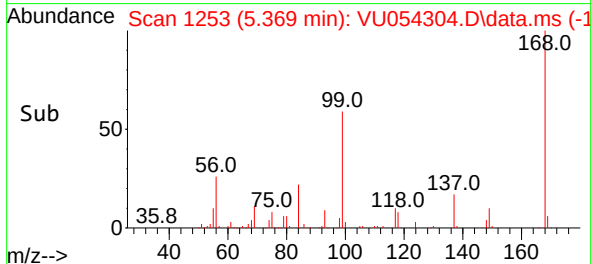
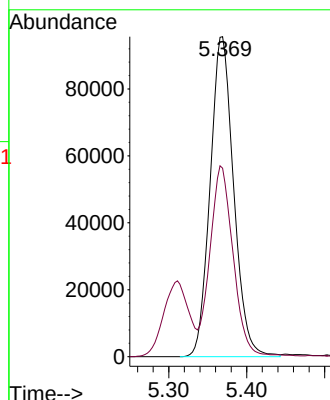
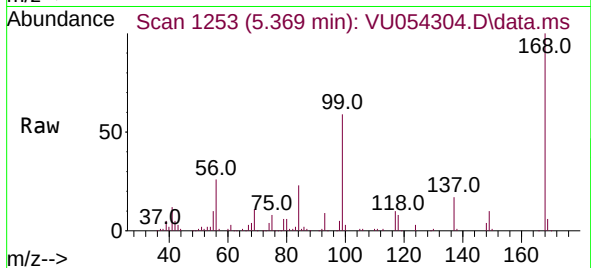
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
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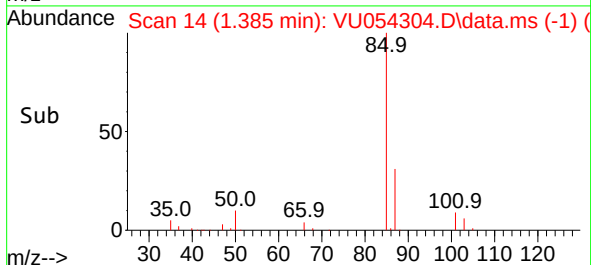
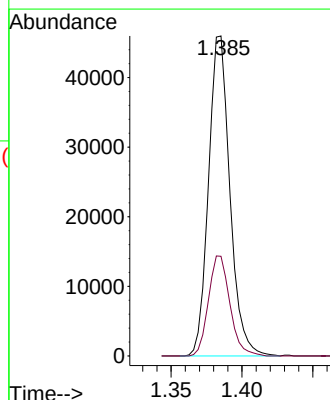
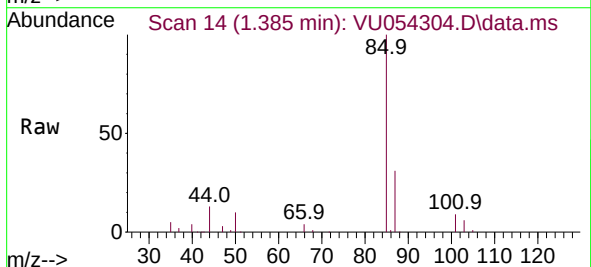
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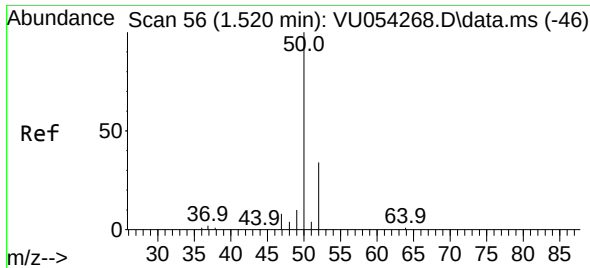
Tgt Ion:168 Resp: 200408
Ion Ratio Lower Upper
168 100
99 58.4 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 21.566 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 85 Resp: 48249
Ion Ratio Lower Upper
85 100
87 31.1 16.4 49.2

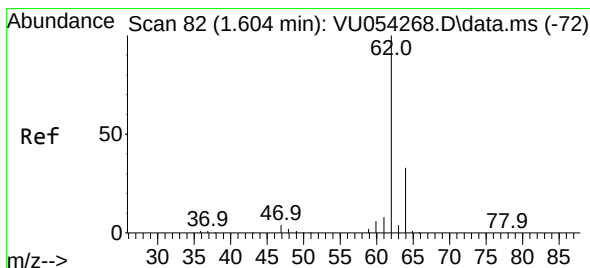
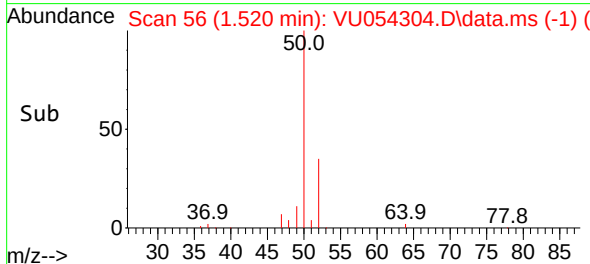
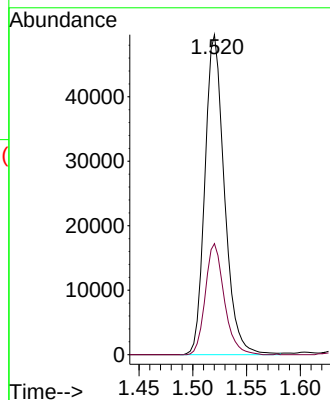
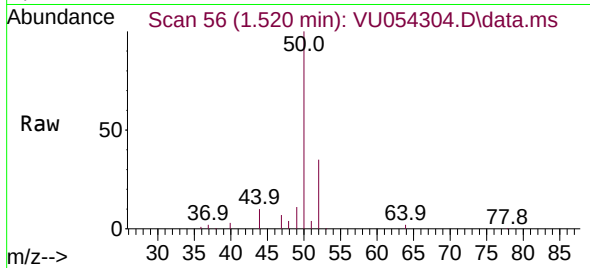




#3
Chloromethane
Concen: 21.434 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

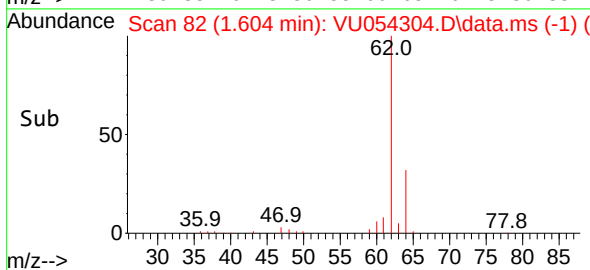
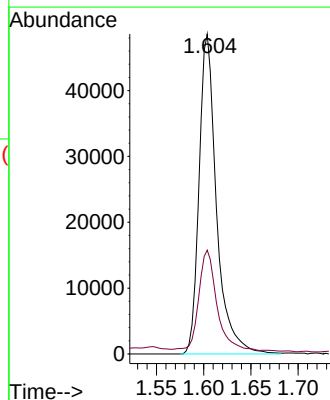
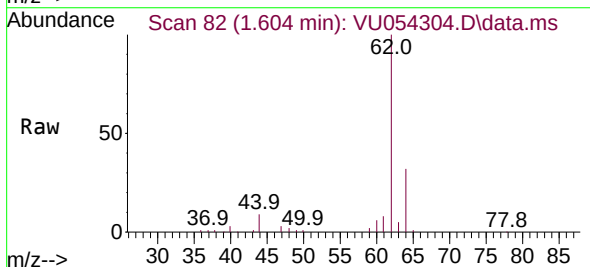
Instrument :
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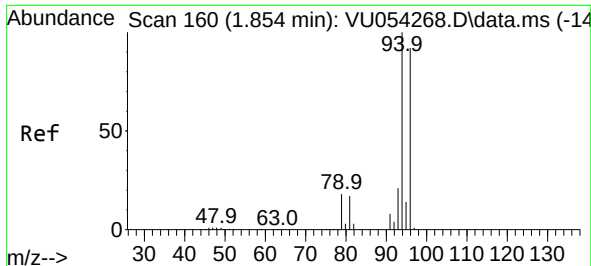
Tgt Ion: 50 Resp: 62790
Ion Ratio Lower Upper
50 100
52 34.7 27.4 41.2



#4
Vinyl Chloride
Concen: 22.271 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 62 Resp: 62248
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9

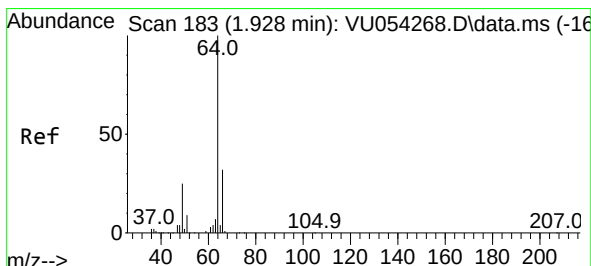
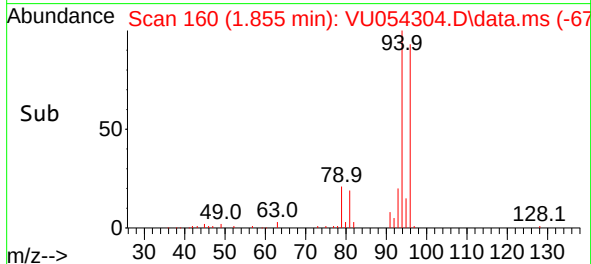
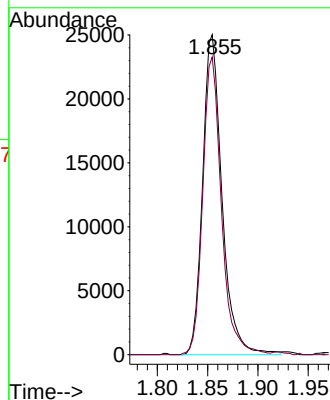
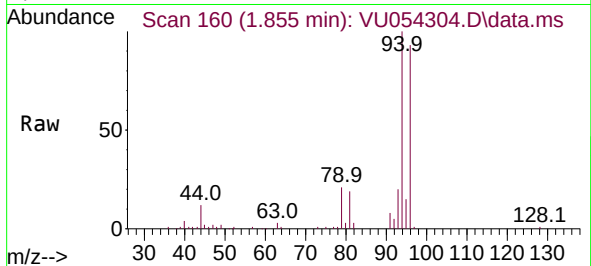




#5
Bromomethane
Concen: 21.681 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.001 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

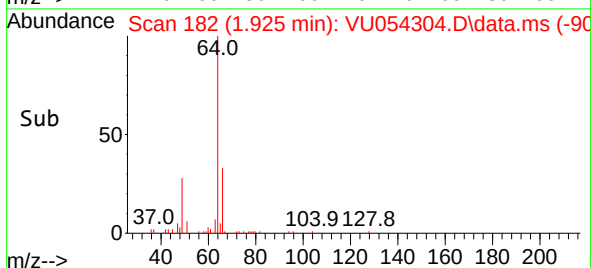
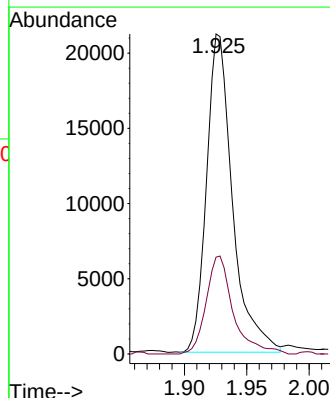
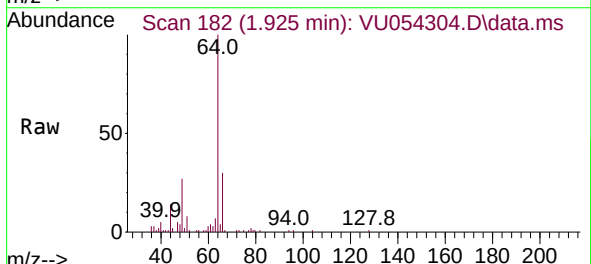
Instrument :
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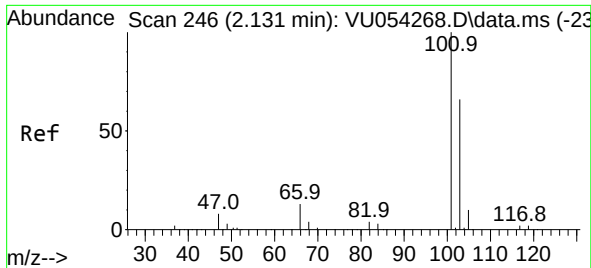
Tgt Ion: 94 Resp: 33545
Ion Ratio Lower Upper
94 100
96 93.0 73.7 110.5



#6
Chloroethane
Concen: 22.737 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 64 Resp: 30647
Ion Ratio Lower Upper
64 100
66 30.4 24.7 37.1

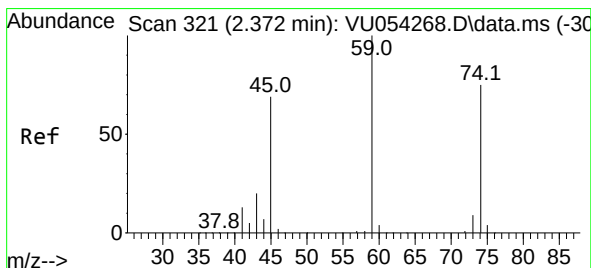
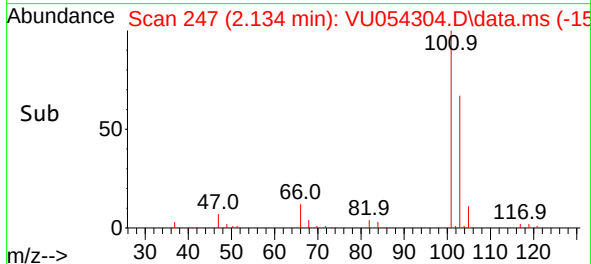
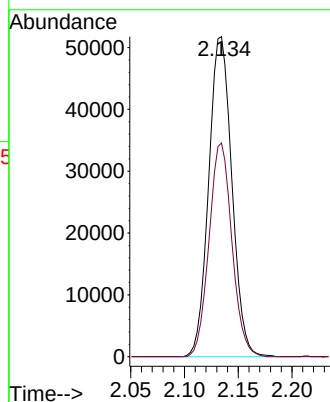
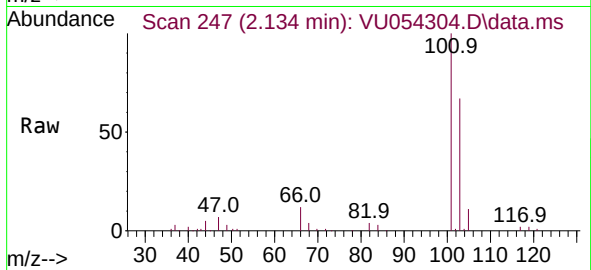




#7
 Trichlorofluoromethane
 Concen: 20.151 ug/l
 RT: 2.134 min Scan# 246
 Delta R.T. 0.003 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

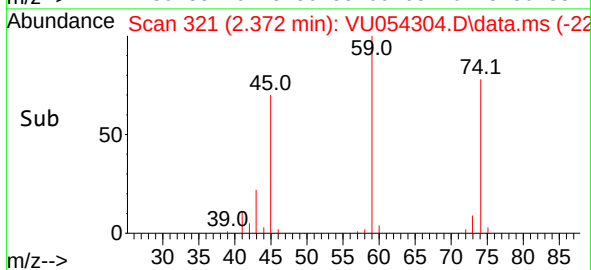
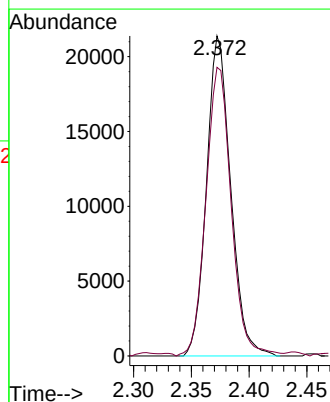
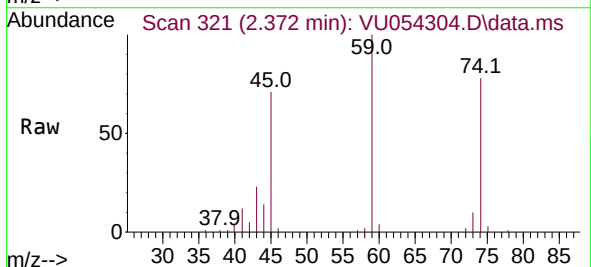
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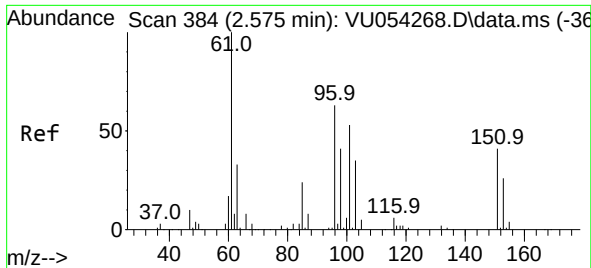
Tgt Ion:101 Resp: 77485
 Ion Ratio Lower Upper
 101 100
 103 66.8 50.6 75.8



#8
 Diethyl Ether
 Concen: 21.884 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

Tgt Ion: 74 Resp: 31153
 Ion Ratio Lower Upper
 74 100
 45 94.3 44.4 133.2

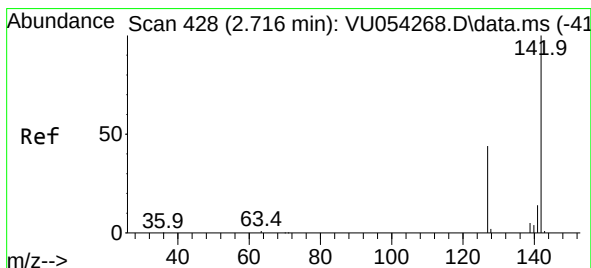
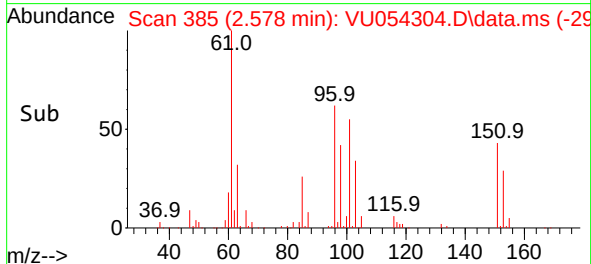
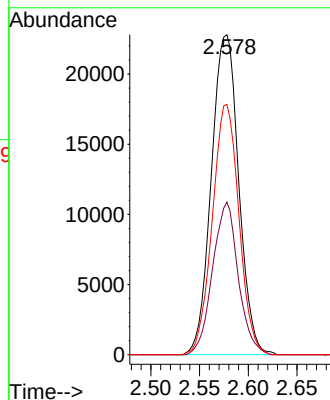
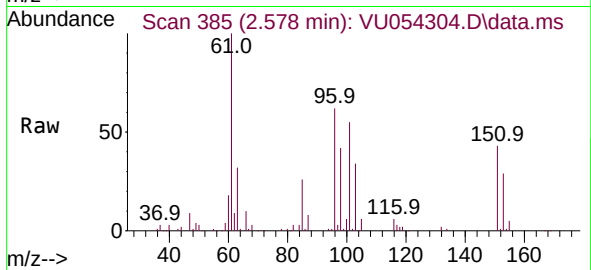




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.397 ug/l
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU054304.D
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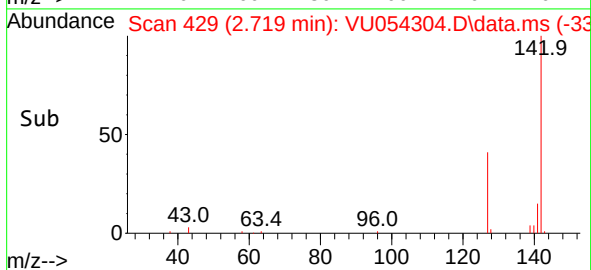
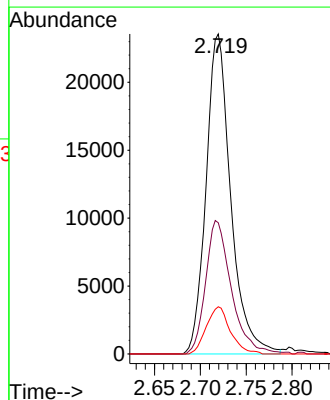
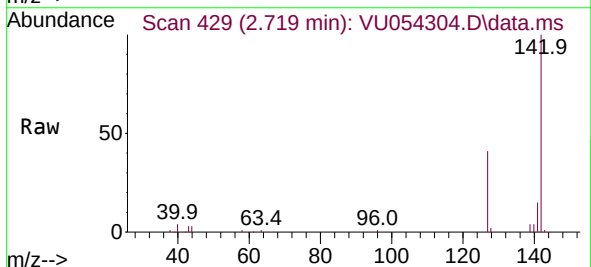
Instrument :
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ClientSampleId :
VU0530WBS01

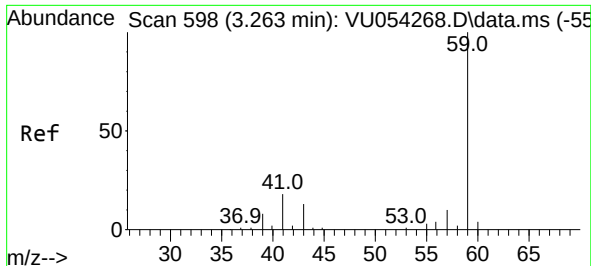
Tgt Ion:101 Resp: 44547
Ion Ratio Lower Upper
101 100
85 44.7 33.9 50.9
151 76.1 64.0 96.0



#10
Methyl Iodide
Concen: 19.199 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion:142 Resp: 44125
Ion Ratio Lower Upper
142 100
127 43.4 32.5 48.7
141 14.4 11.4 17.0

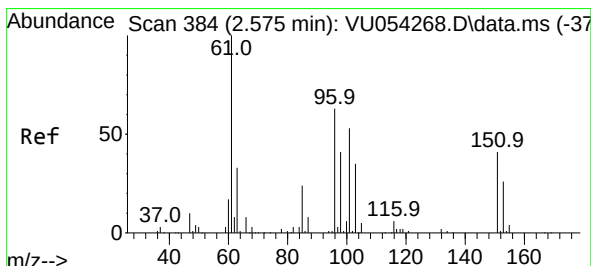
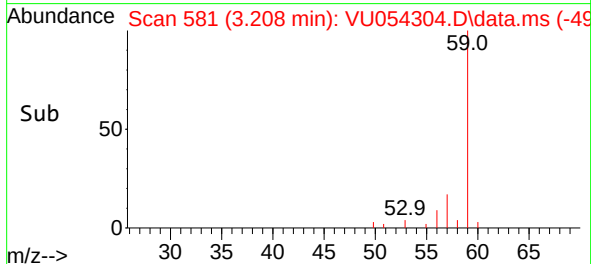
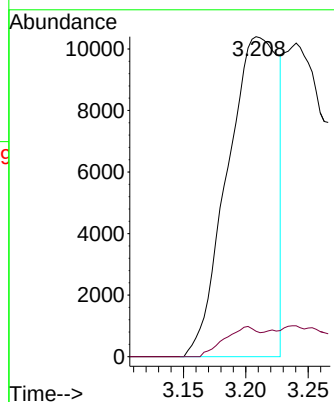
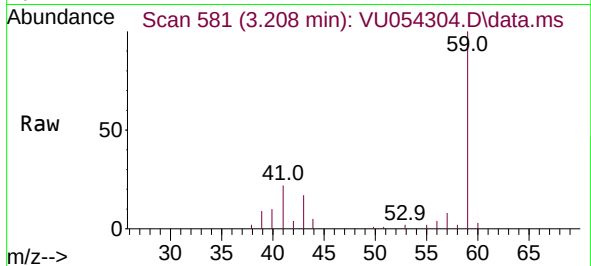




#11
Tert butyl alcohol
Concen: 41.274 ug/l
RT: 3.208 min Scan# 598
Delta R.T. -0.035 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

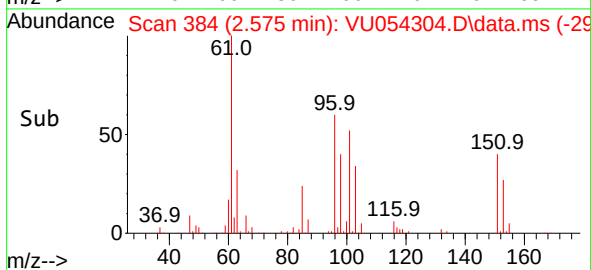
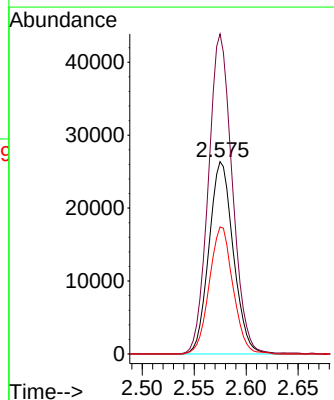
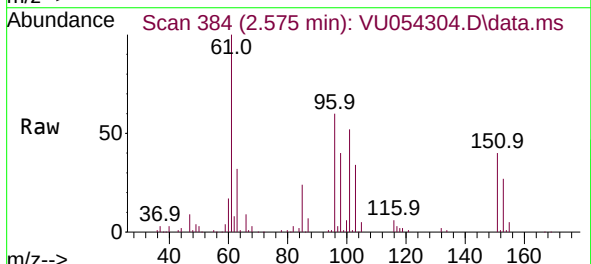
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

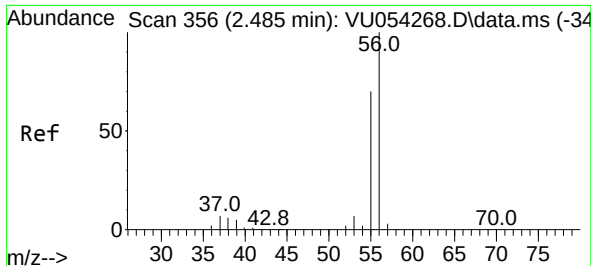
Tgt Ion: 59 Resp: 29290
Ion Ratio Lower Upper
59 100
57 6.3 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 19.955 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 96 Resp: 43017
Ion Ratio Lower Upper
96 100
61 166.4 122.2 183.2
98 66.0 50.7 76.1

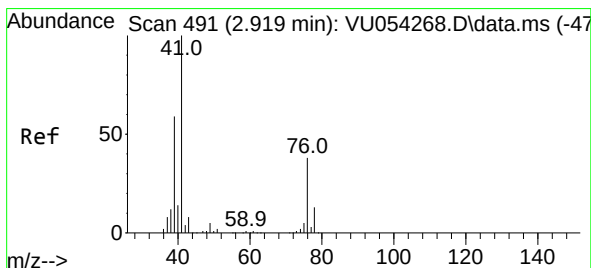
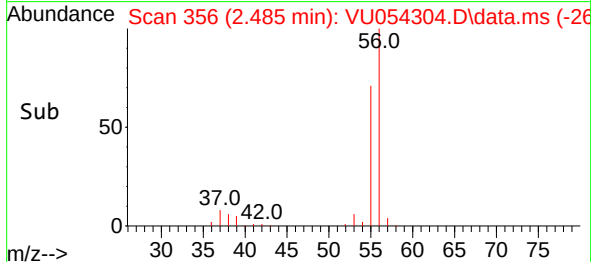
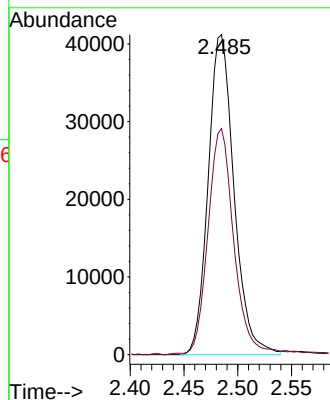
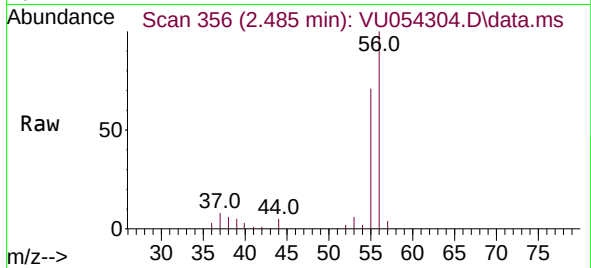




#13
Acrolein
Concen: 93.285 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

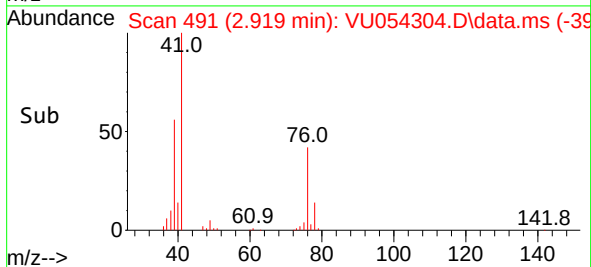
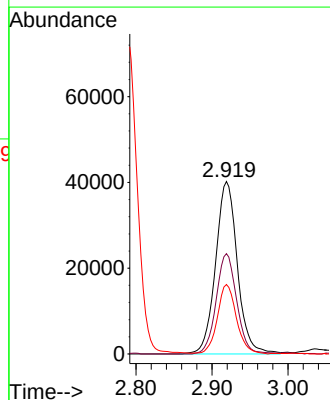
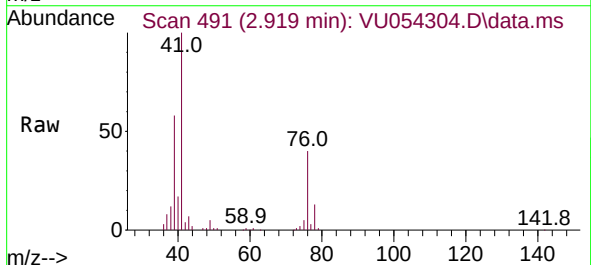
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

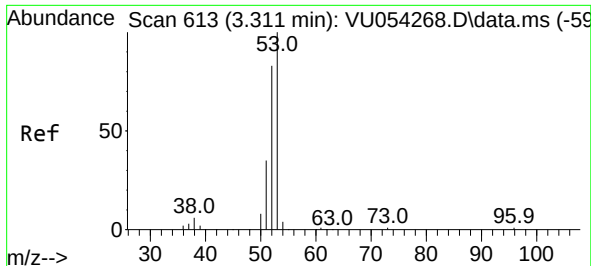
Tgt Ion: 56 Resp: 68868
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0



#14
Allyl chloride
Concen: 21.462 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 41 Resp: 80220
Ion Ratio Lower Upper
41 100
39 54.7 53.4 80.2
76 35.3 33.8 50.6

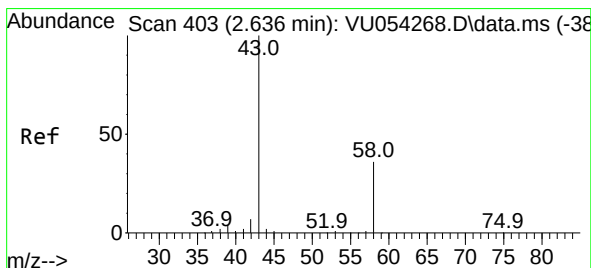
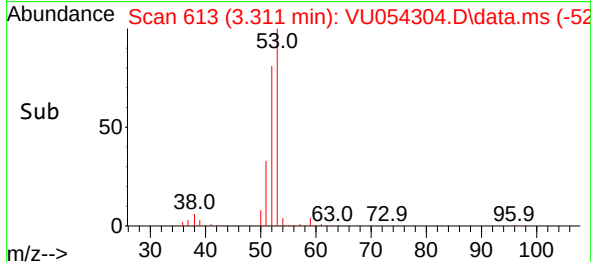
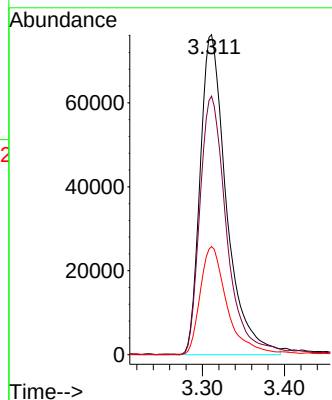
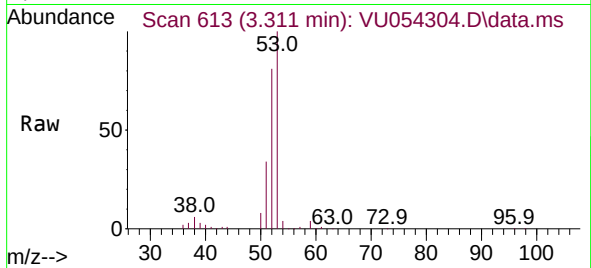




#15
Acrylonitrile
Concen: 106.859 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

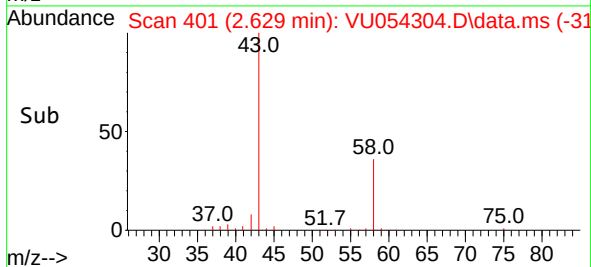
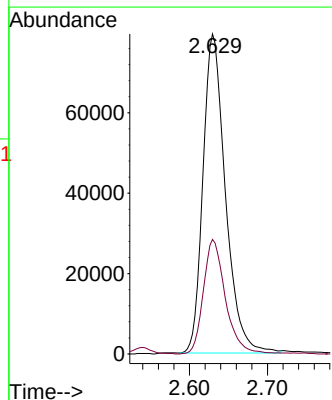
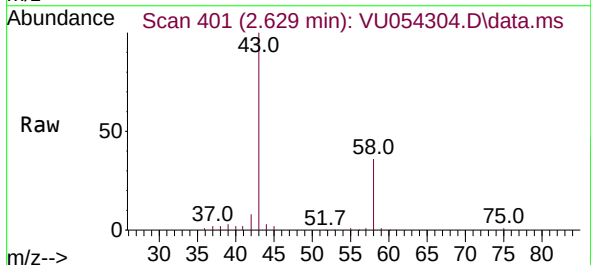
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

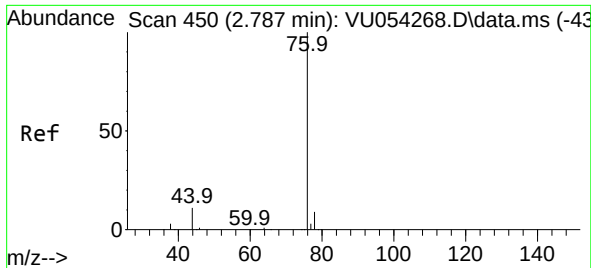
Tgt Ion: 53 Resp: 170022
Ion Ratio Lower Upper
53 100
52 82.1 65.7 98.5
51 34.5 28.2 42.4



#16
Acetone
Concen: 105.587 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 43 Resp: 159003
Ion Ratio Lower Upper
43 100
58 35.9 27.5 41.3

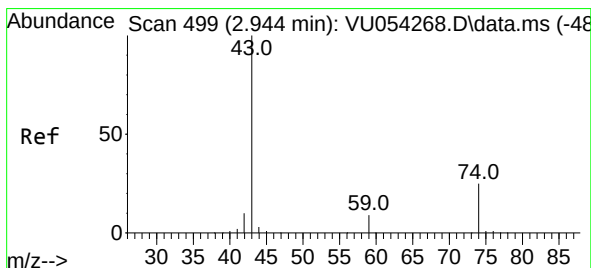
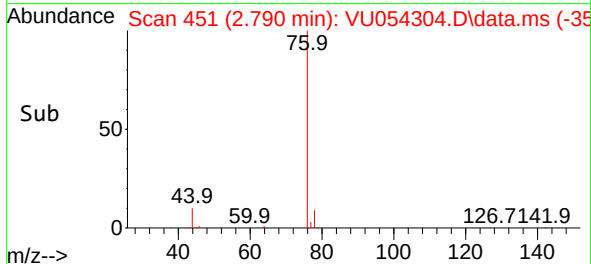
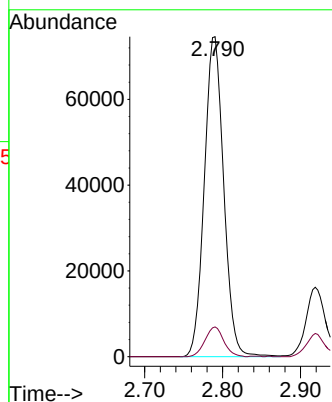
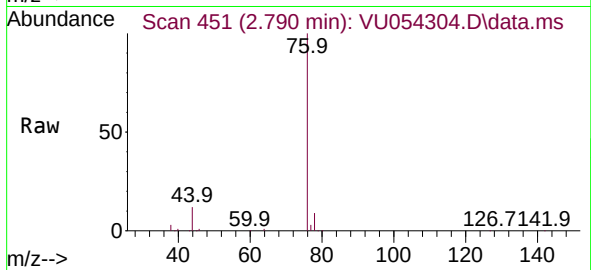




#17
Carbon Disulfide
Concen: 20.220 ug/l
RT: 2.790 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

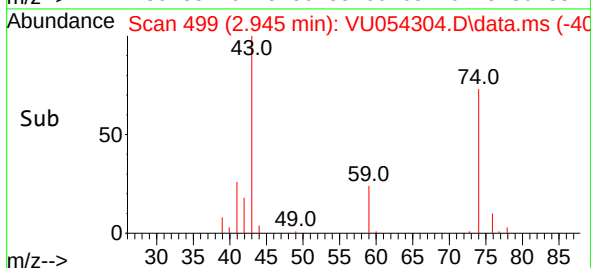
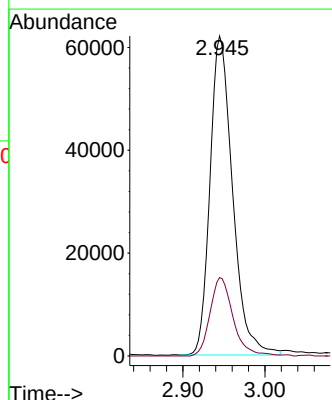
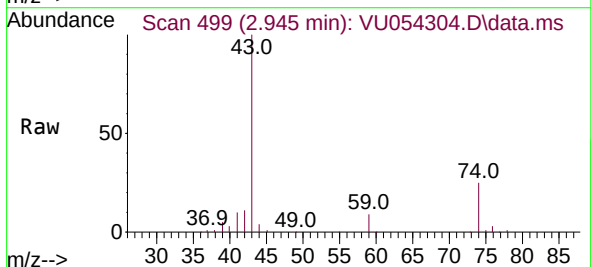
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

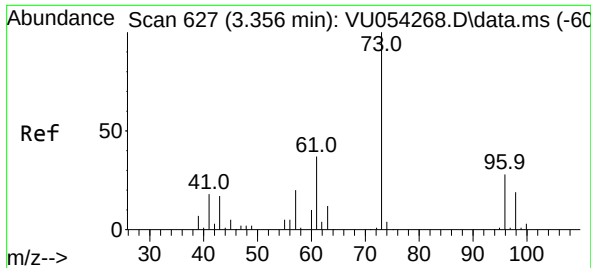
Tgt Ion: 76 Resp: 128819
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 21.594 ug/l
RT: 2.945 min Scan# 499
Delta R.T. 0.001 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 43 Resp: 118734
Ion Ratio Lower Upper
43 100
74 25.0 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 20.475 ug/l

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

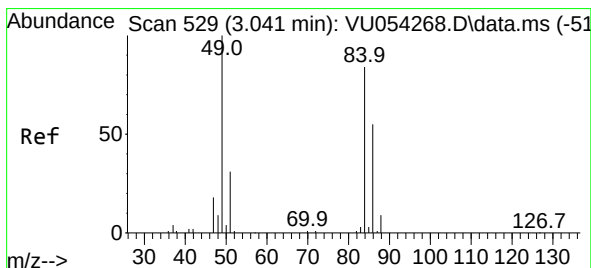
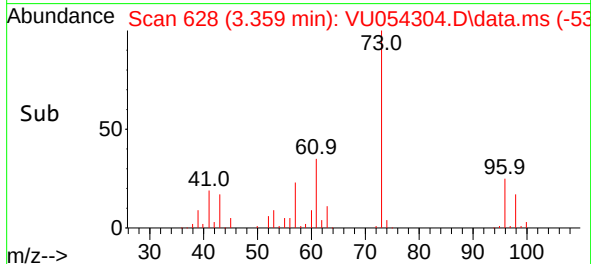
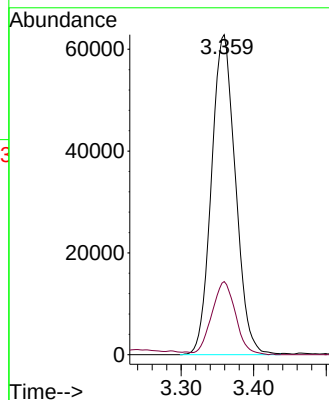
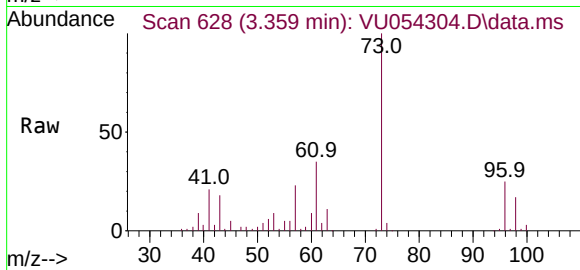
VU0530WBS01

Tgt Ion: 73 Resp: 144477

Ion Ratio Lower Upper

73 100

57 22.9 17.1 25.7



#20

Methylene Chloride

Concen: 20.049 ug/l

RT: 3.041 min Scan# 529

Delta R.T. 0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Tgt Ion: 84 Resp: 54469

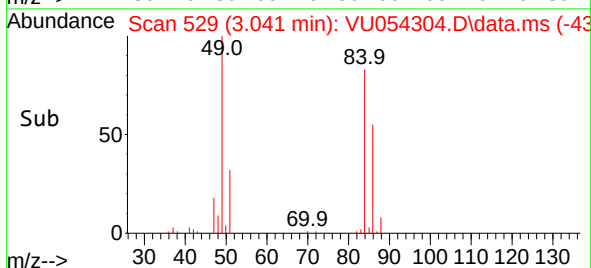
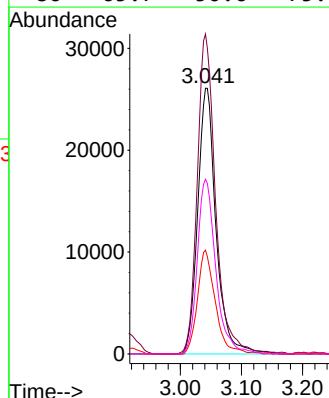
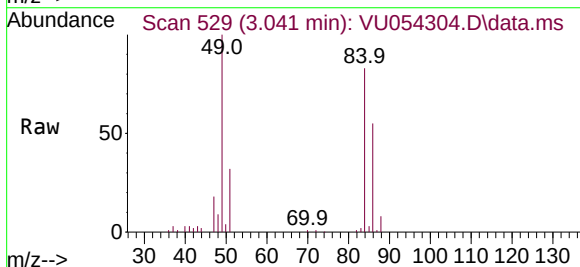
Ion Ratio Lower Upper

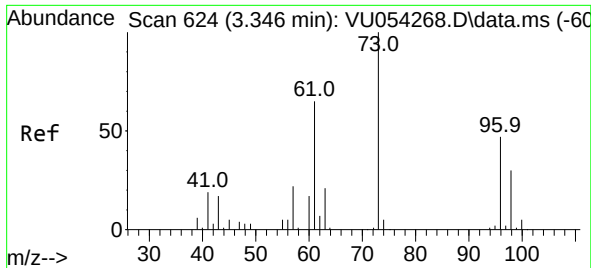
84 100

49 119.9 86.6 129.8

51 39.1 26.6 40.0

86 65.7 50.6 75.8

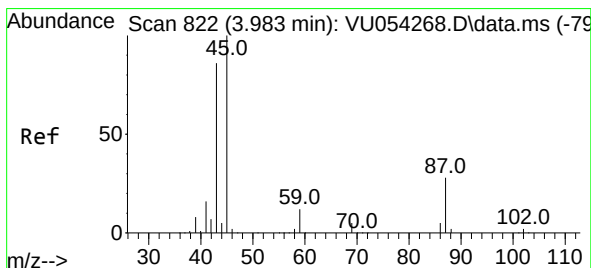
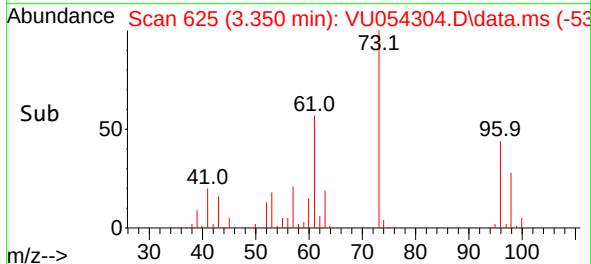
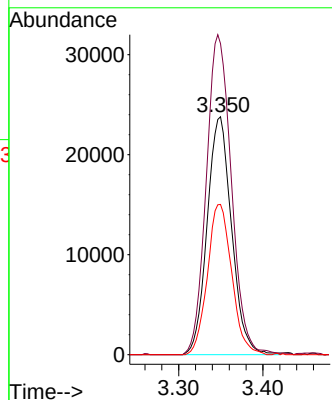
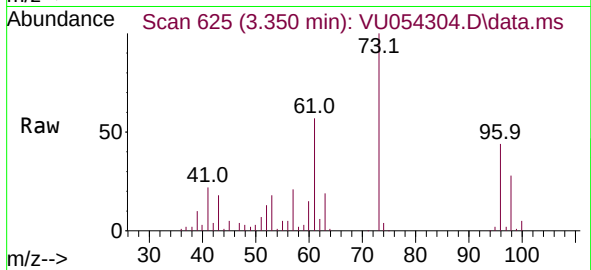




#21
trans-1,2-Dichloroethene
Concen: 20.804 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

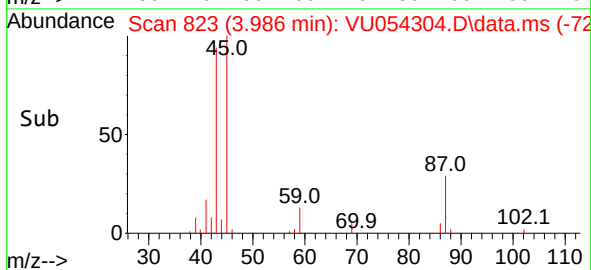
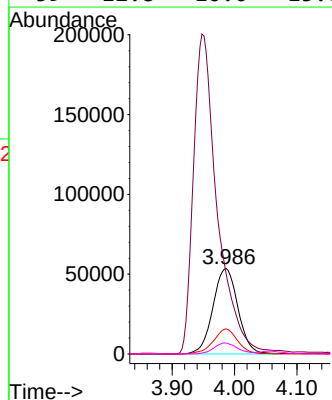
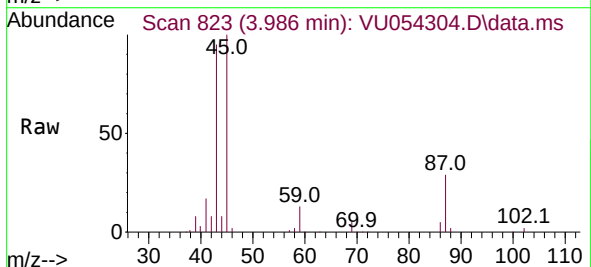
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

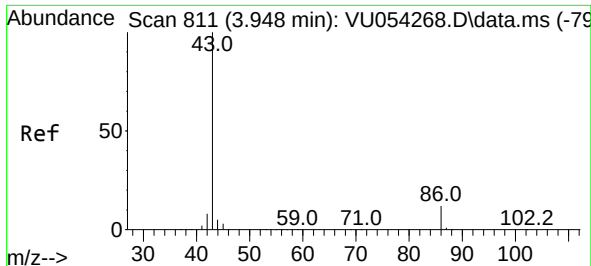
Tgt Ion: 96 Resp: 48014
Ion Ratio Lower Upper
96 100
61 130.8 106.1 159.1
98 63.1 50.8 76.2



#22
Diisopropyl ether
Concen: 22.528 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 45 Resp: 149243
Ion Ratio Lower Upper
45 100
43 93.0 92.9 139.3
87 29.3 26.2 39.2
59 12.8 10.0 15.0

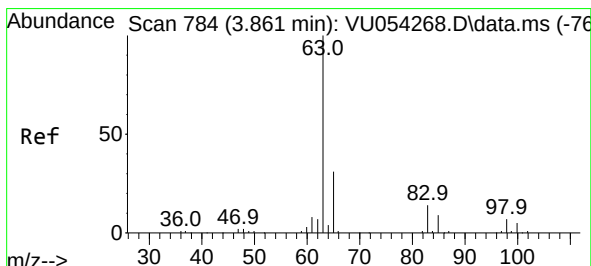
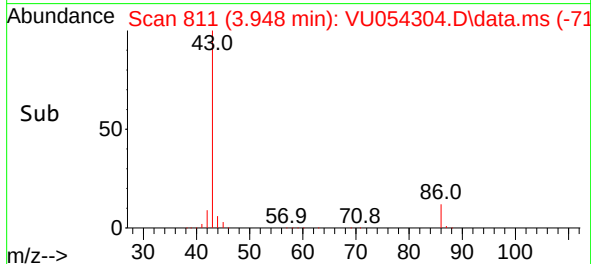
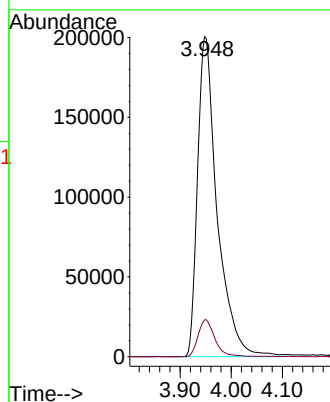
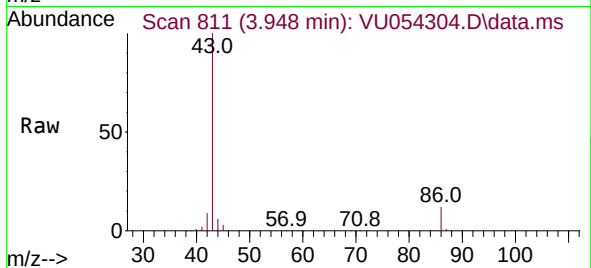




#23
 Vinyl Acetate
 Concen: 110.921 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

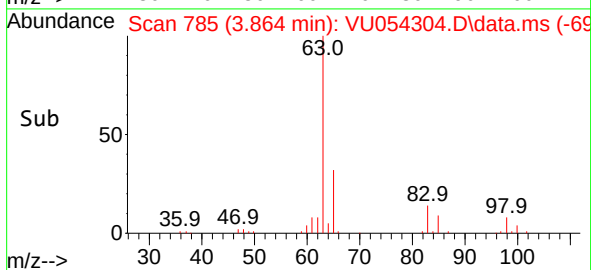
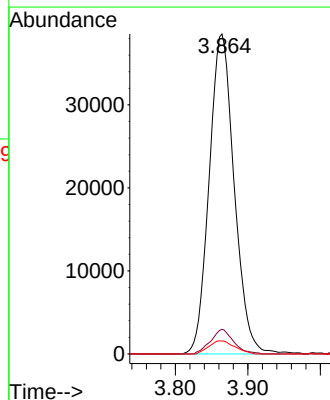
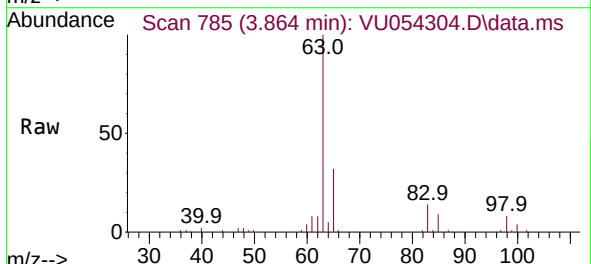
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBS01

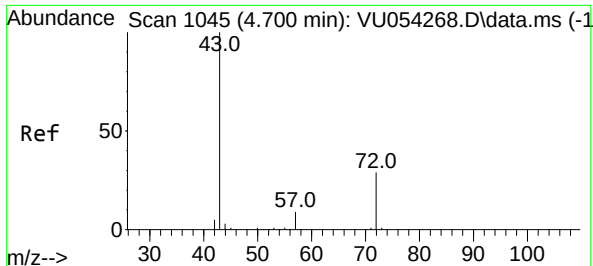
Tgt Ion: 43 Resp: 536191
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 21.795 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.003 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

Tgt Ion: 63 Resp: 92452
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 4.1 2.4 7.2





#25

2-Butanone

Concen: 110.587 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

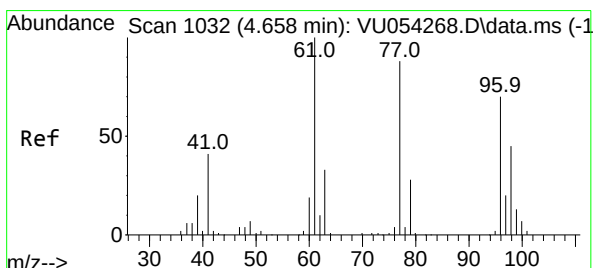
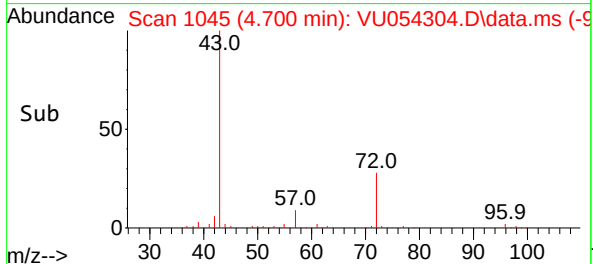
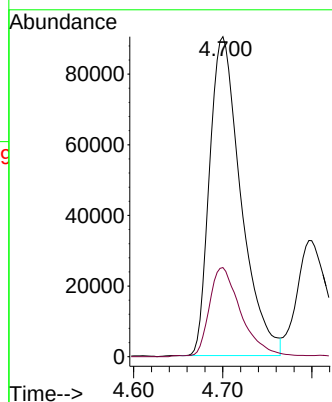
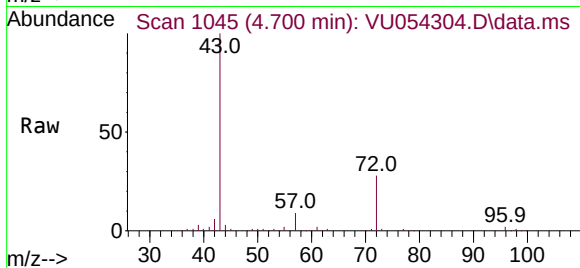
VU0530WBS01

Tgt Ion: 43 Resp: 220490

Ion Ratio Lower Upper

43 100

72 27.6 23.8 35.6



#26

2,2-Dichloropropane

Concen: 20.696 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU054304.D

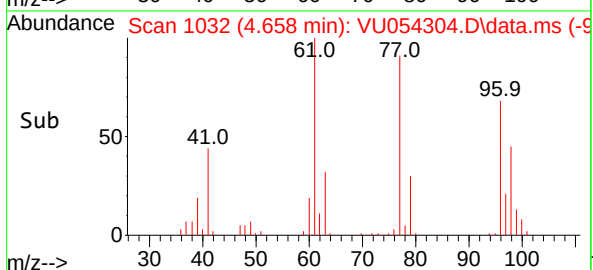
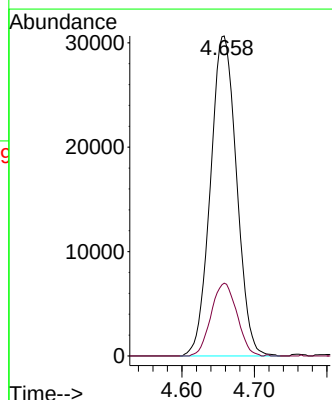
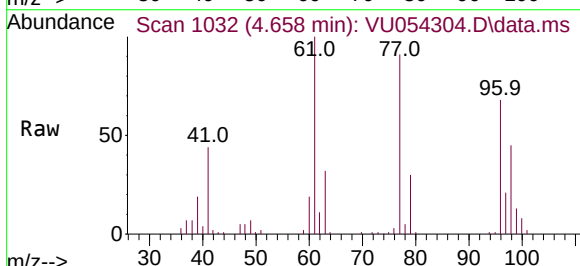
Acq: 30 May 2023 11:01

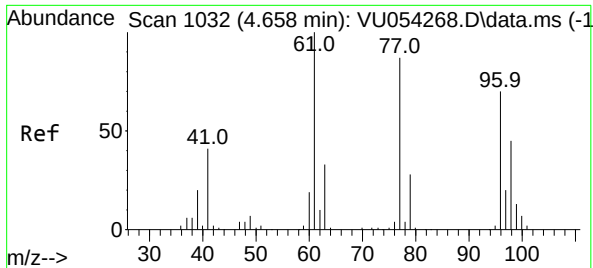
Tgt Ion: 77 Resp: 76722

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.8

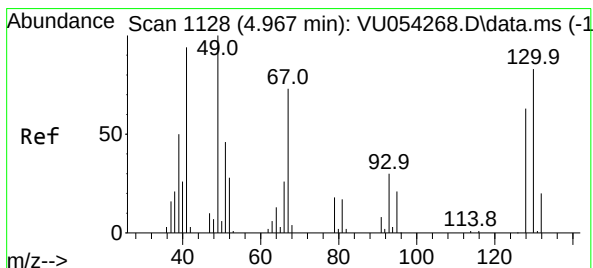
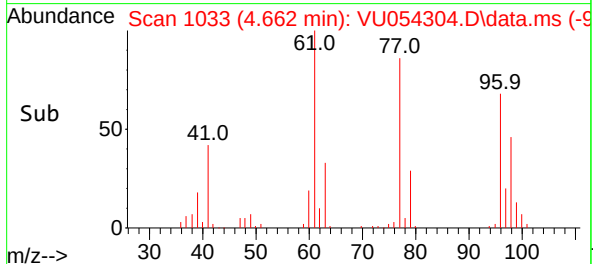
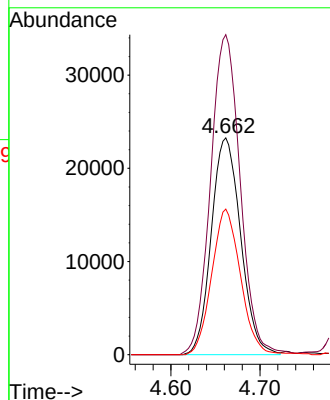
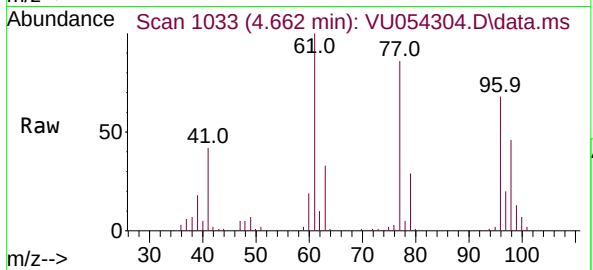




#27
 cis-1,2-Dichloroethene
 Concen: 20.759 ug/l
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.004 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

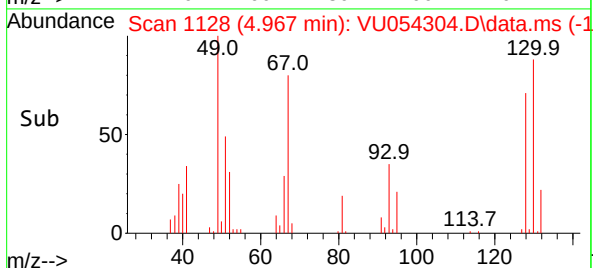
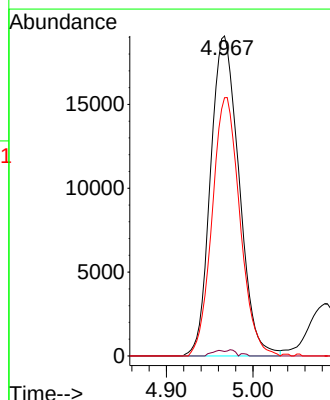
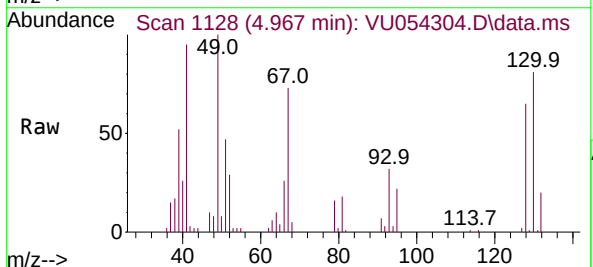
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBS01

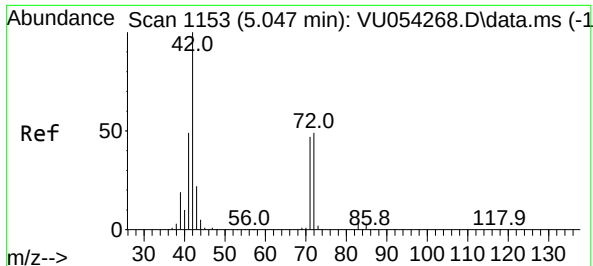
Tgt Ion: 96 Resp: 53296
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 271.6
 98 65.8 0.0 128.2



#28
 Bromochloromethane
 Concen: 22.217 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

Tgt Ion: 49 Resp: 43611
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.6
 130 78.7 76.9 115.3





#29

Tetrahydrofuran

Concen: 110.512 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBS01

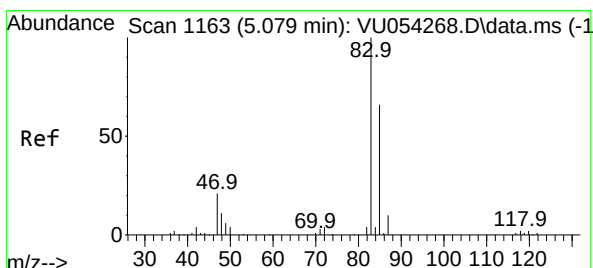
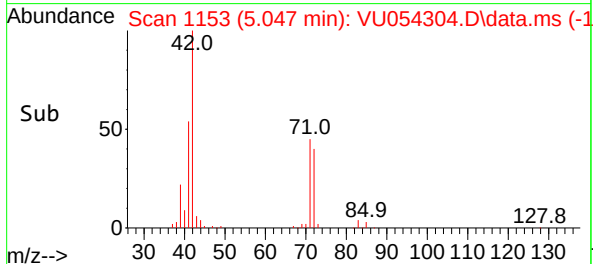
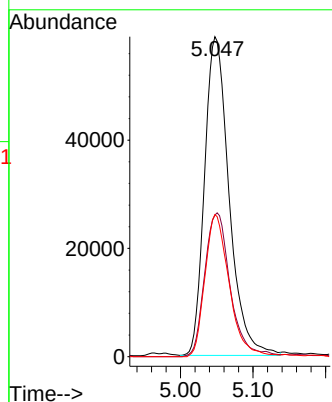
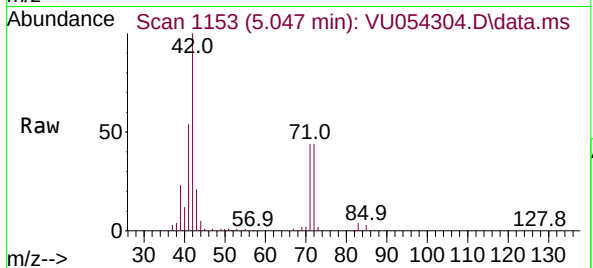
Tgt Ion: 42 Resp: 138501

Ion Ratio Lower Upper

42 100

72 47.0 42.6 63.8

71 44.1 40.3 60.5



#30

Chloroform

Concen: 21.062 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.004 min

Lab File: VU054304.D

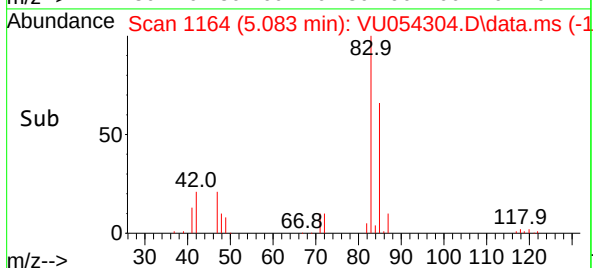
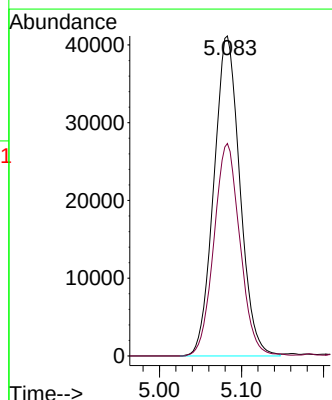
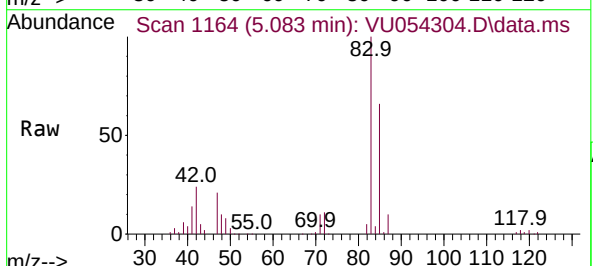
Acq: 30 May 2023 11:01

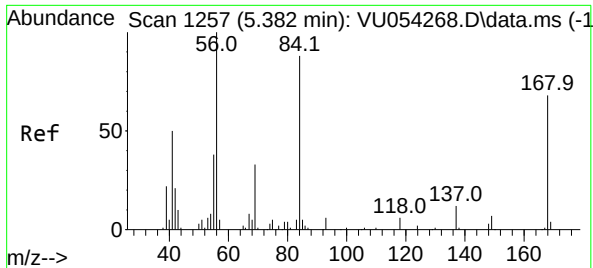
Tgt Ion: 83 Resp: 90819

Ion Ratio Lower Upper

83 100

85 66.4 51.2 76.8

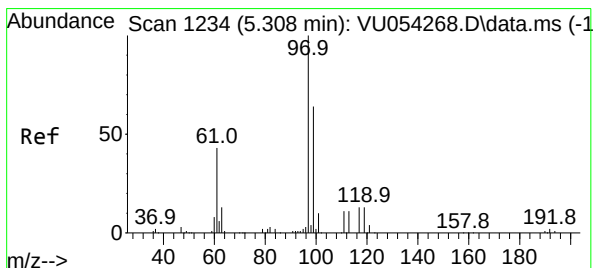
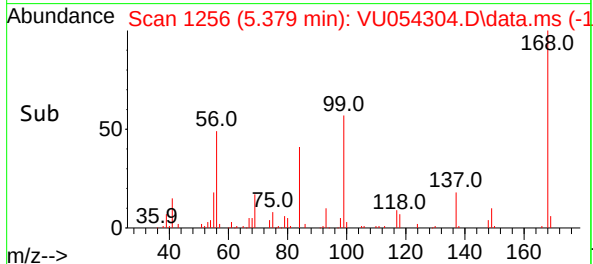
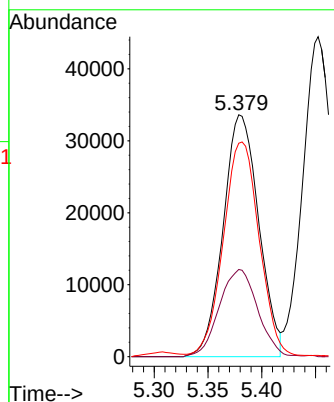
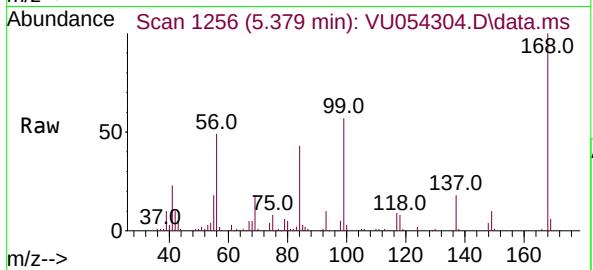




#31
Cyclohexane
Concen: 20.870 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

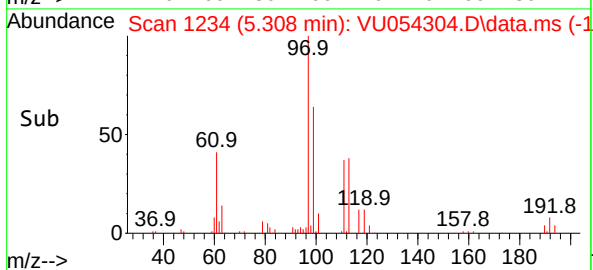
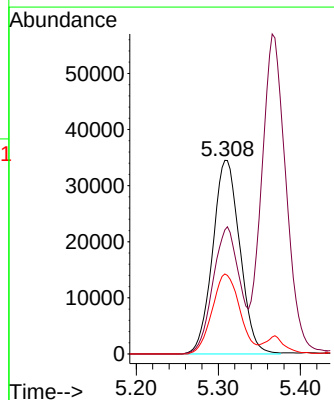
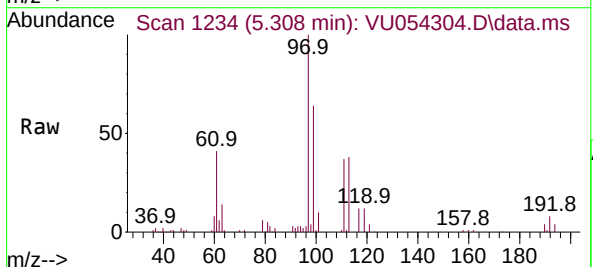
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

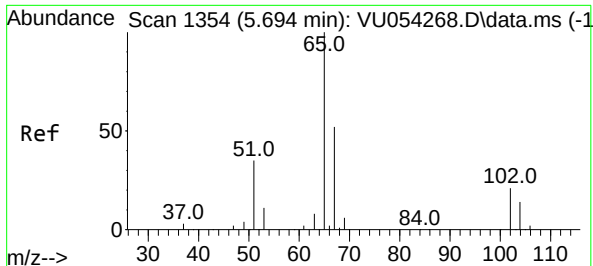
Tgt Ion: 56 Resp: 77420
Ion Ratio Lower Upper
56 100
69 36.1 27.8 41.8
84 87.1 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 21.227 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 97 Resp: 79465
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.461 ug/l

RT: 5.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

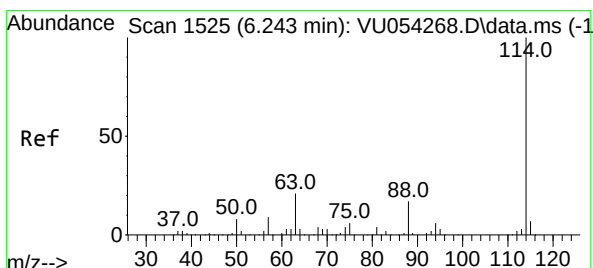
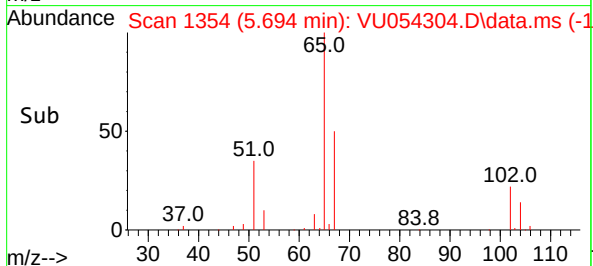
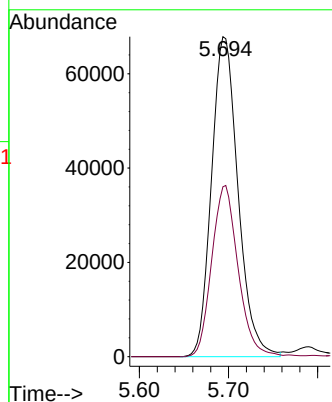
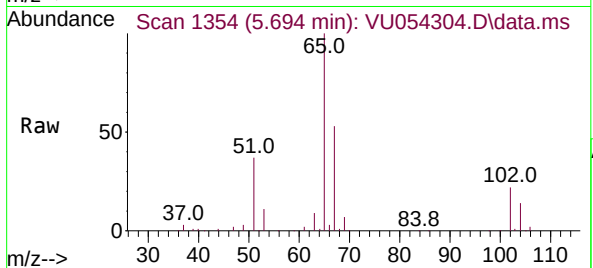
VU0530WBS01

Tgt Ion: 65 Resp: 140450

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

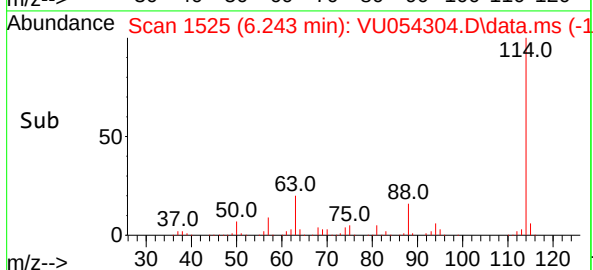
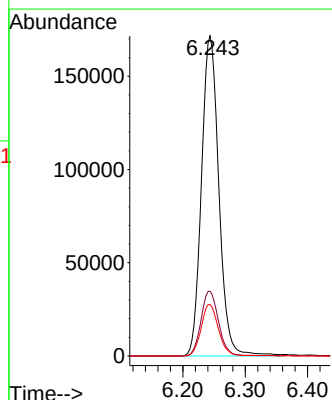
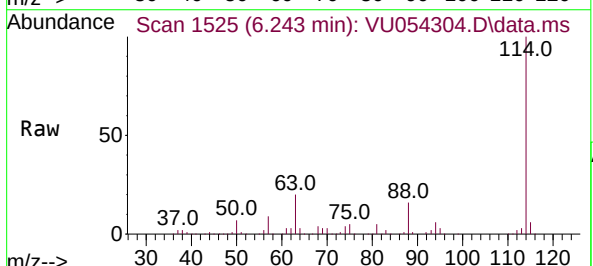
Tgt Ion: 114 Resp: 332618

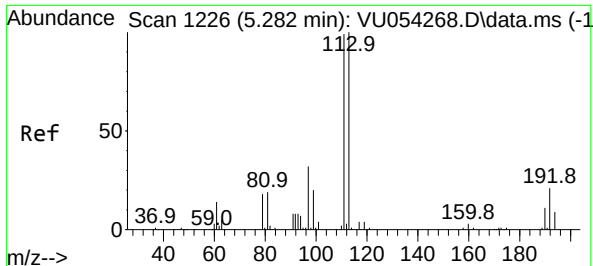
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.8

88 16.1 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.772 ug/l

RT: 5.282 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBS01

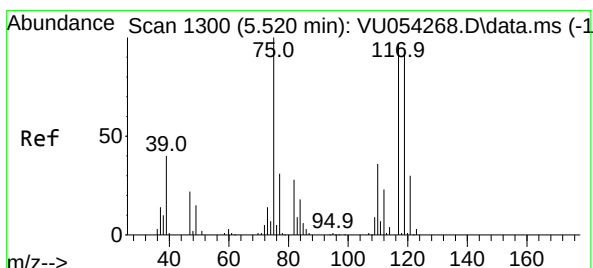
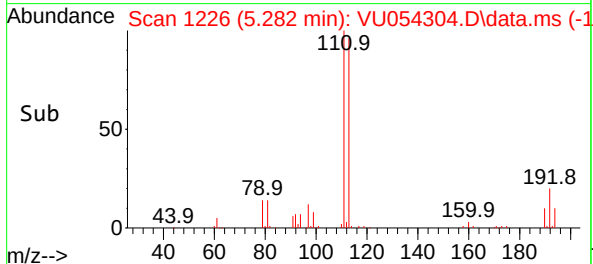
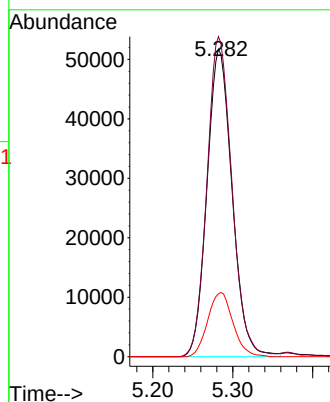
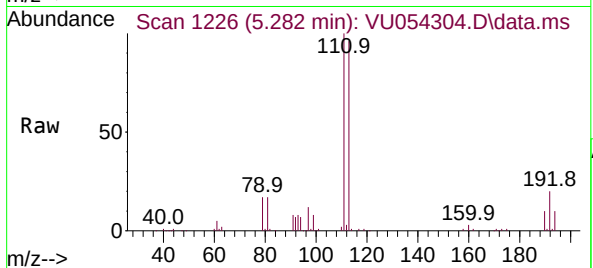
Tgt Ion:113 Resp: 113037

Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

192 21.0 18.0 27.0



#36

1,1-Dichloropropene

Concen: 18.619 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

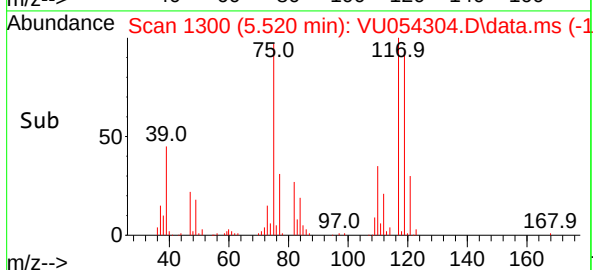
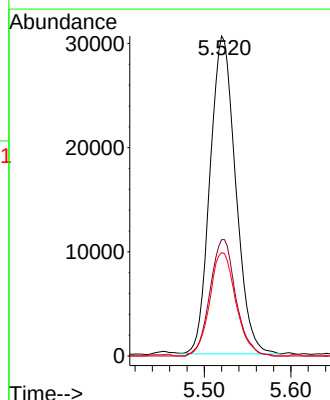
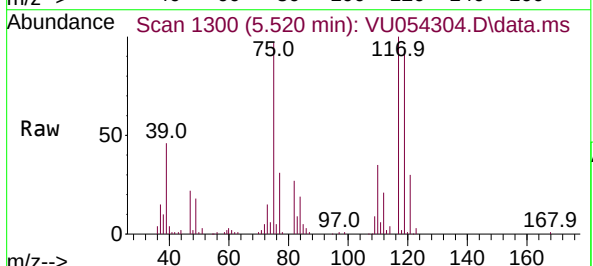
Tgt Ion: 75 Resp: 62642

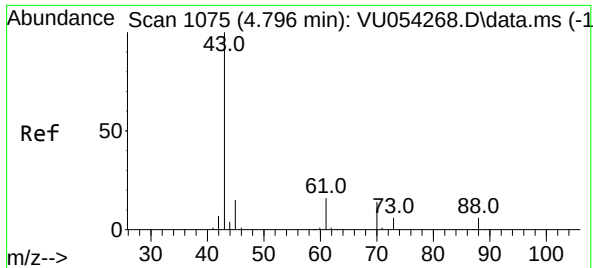
Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.2

77 33.2 25.1 37.7

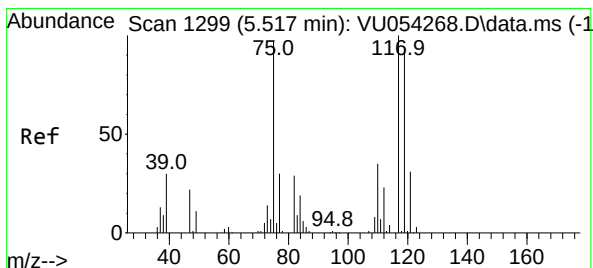
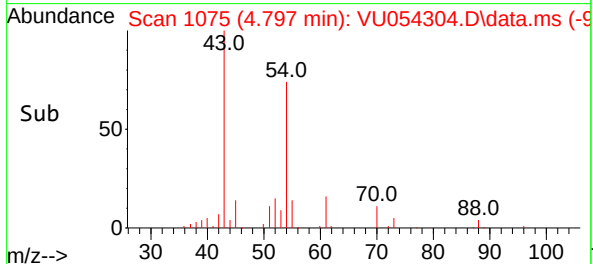
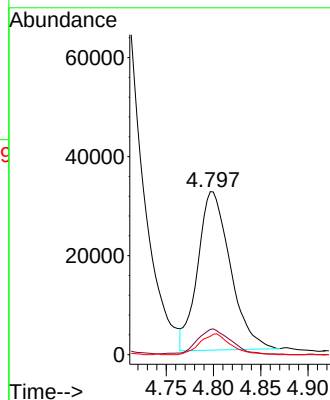
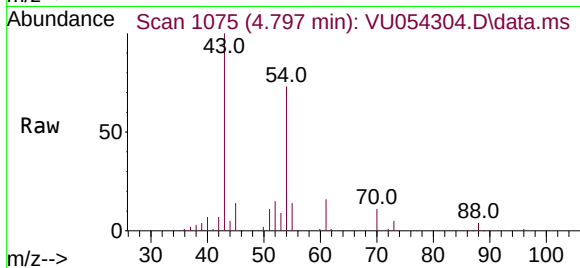




#37
Ethyl Acetate
Concen: 18.688 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.001 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

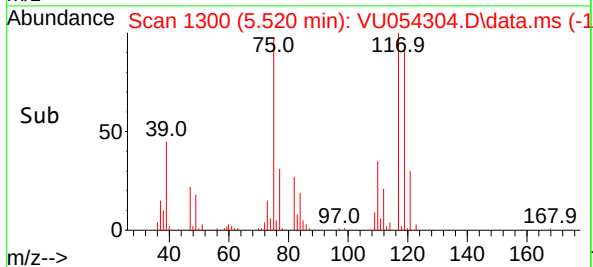
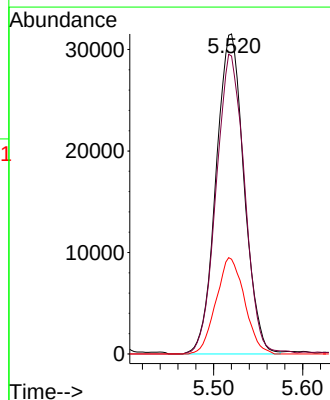
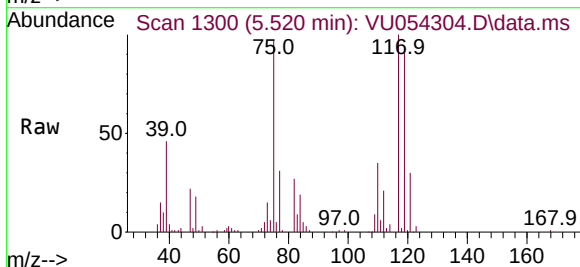
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

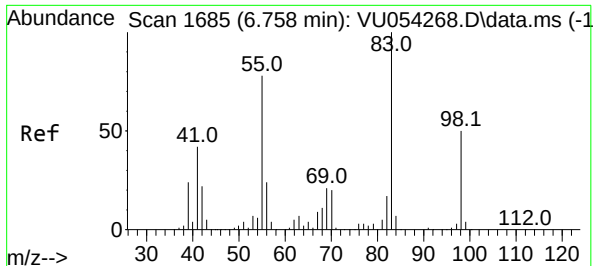
Tgt Ion: 43 Resp: 76623
Ion Ratio Lower Upper
43 100
61 17.2 9.5 14.3#
70 12.4 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 19.992 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 117 Resp: 68842
Ion Ratio Lower Upper
117 100
119 93.1 76.8 115.2
121 29.6 24.7 37.1





#39

Methylcyclohexane

Concen: 19.589 ug/l

RT: 6.755 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBS01

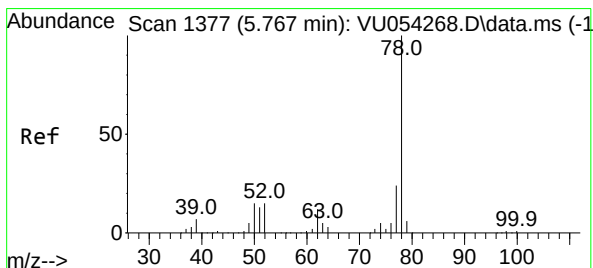
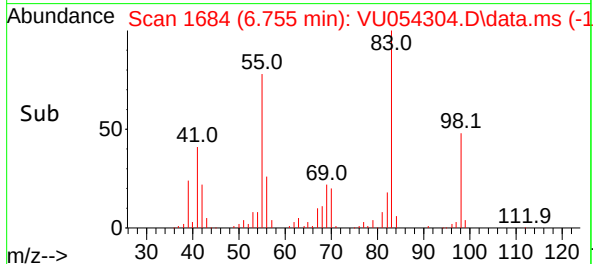
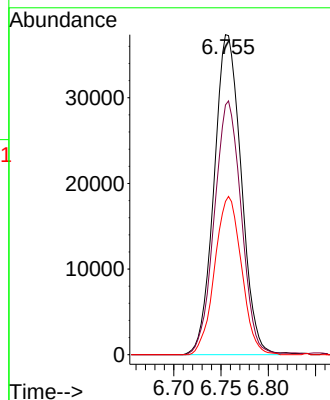
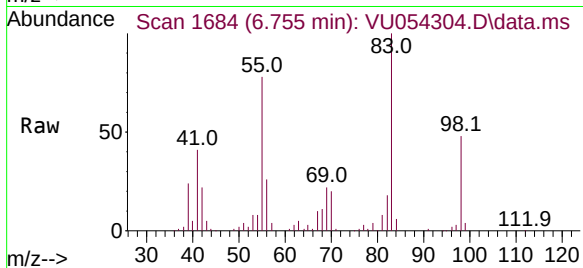
Tgt Ion: 83 Resp: 74648

Ion Ratio Lower Upper

83 100

55 78.0 55.3 82.9

98 47.9 37.3 55.9



#40

Benzene

Concen: 20.591 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VU054304.D

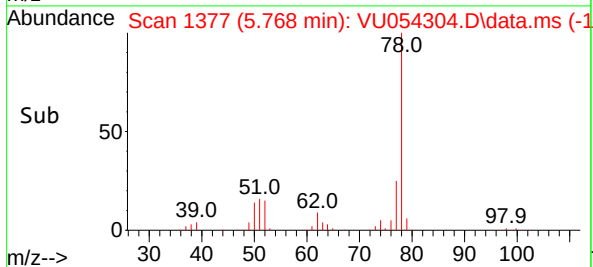
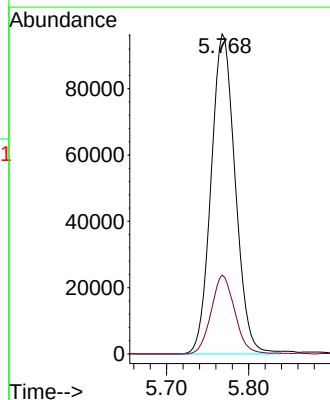
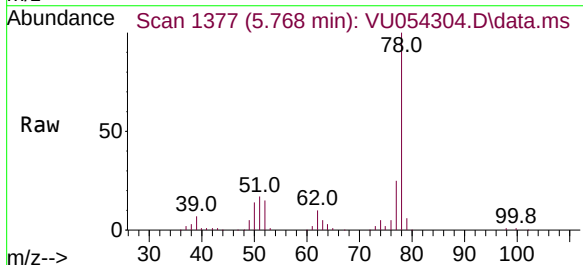
Acq: 30 May 2023 11:01

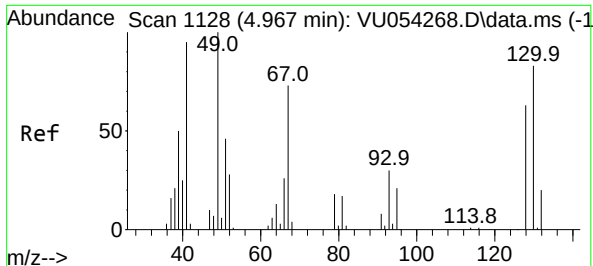
Tgt Ion: 78 Resp: 197605

Ion Ratio Lower Upper

78 100

77 24.6 18.8 28.2

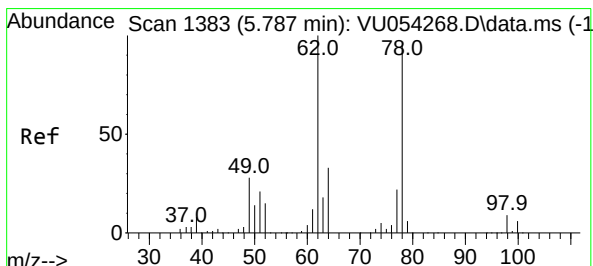
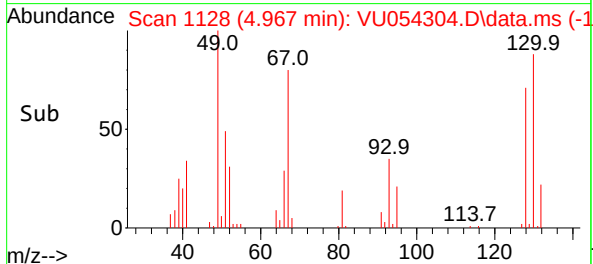
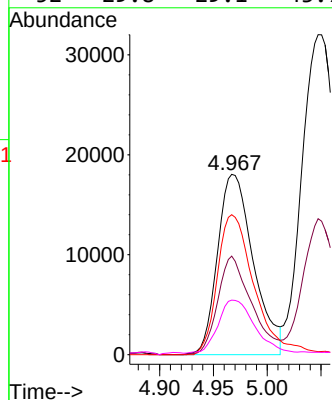
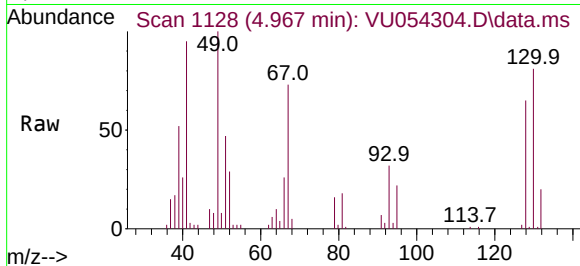




#41
Methacrylonitrile
Concen: 22.075 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

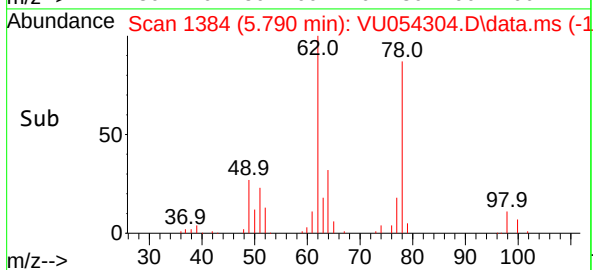
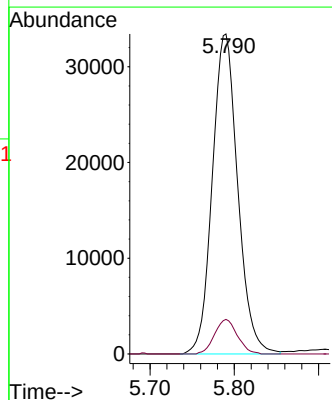
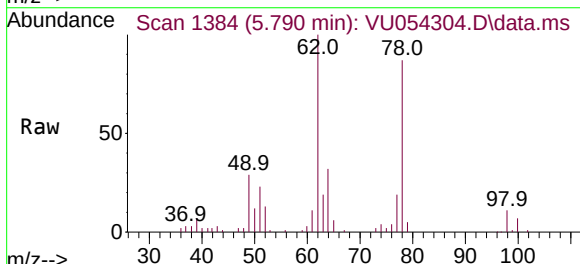
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

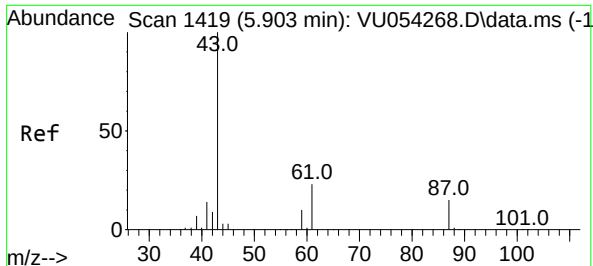
Tgt Ion: 41	Resp: 41832
Ion Ratio	Lower Upper
41 100	
39 51.6	43.1 64.7
67 80.6	72.3 108.5
52 29.8	29.1 43.7



#42
1,2-Dichloroethane
Concen: 20.063 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 62	Resp: 69941
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 18.6

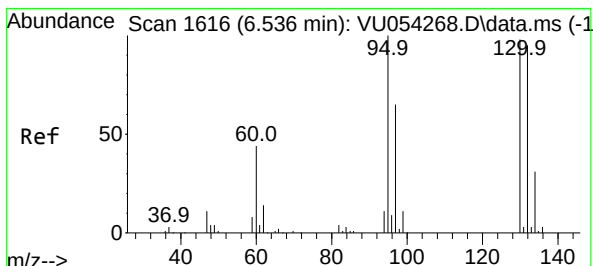
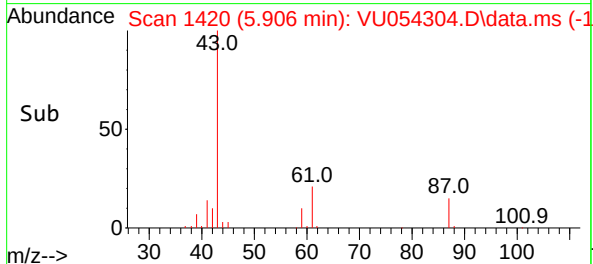
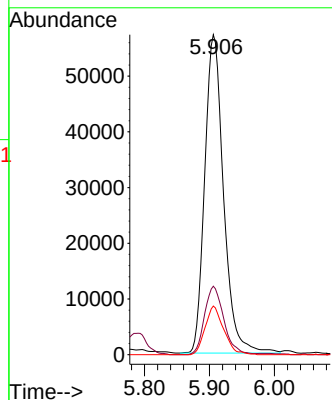
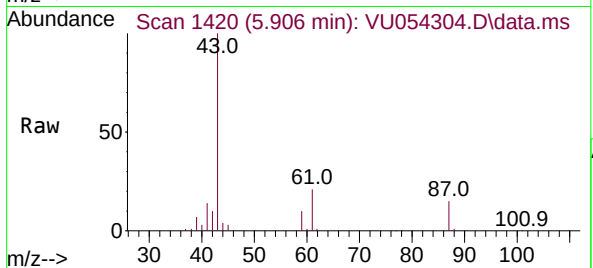




#43
Isopropyl Acetate
Concen: 20.422 ug/l
RT: 5.906 min Scan# 1419
Delta R.T. 0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

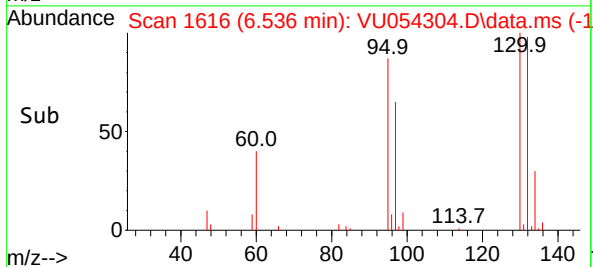
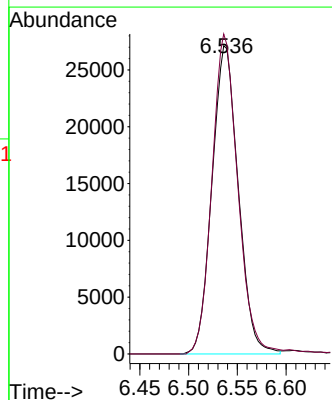
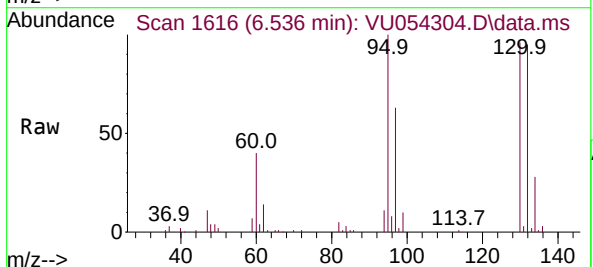
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

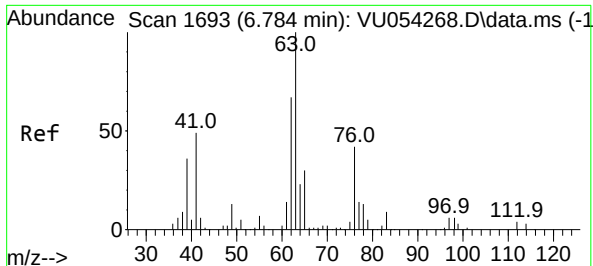
Tgt Ion: 43 Resp: 115499
Ion Ratio Lower Upper
43 100
61 22.0 17.4 26.0
87 15.1 12.6 18.8



#44
Trichloroethene
Concen: 18.962 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion:130 Resp: 50867
Ion Ratio Lower Upper
130 100
95 103.8 0.0 184.6





#45

1,2-Dichloropropane

Concen: 21.541 ug/l

RT: 6.784 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

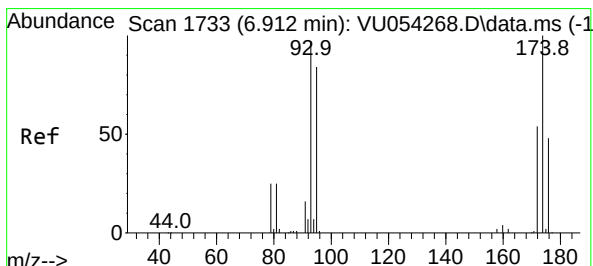
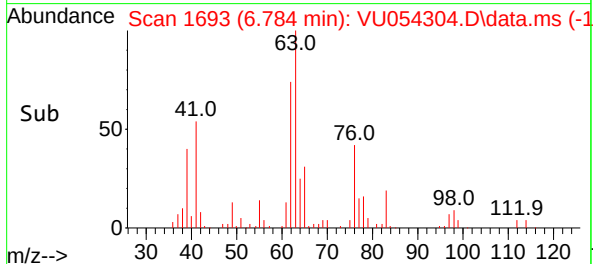
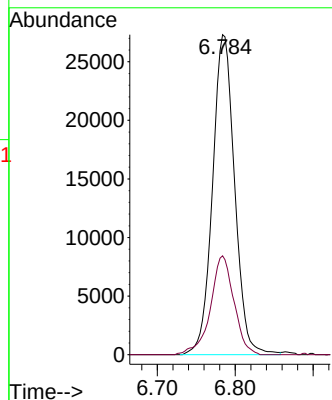
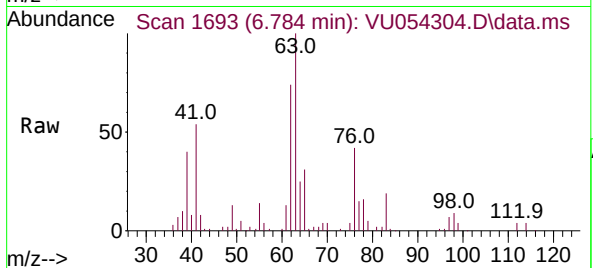
VU0530WBS01

Tgt Ion: 63 Resp: 53927

Ion Ratio Lower Upper

63 100

65 30.9 25.0 37.4



#46

Dibromomethane

Concen: 20.833 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

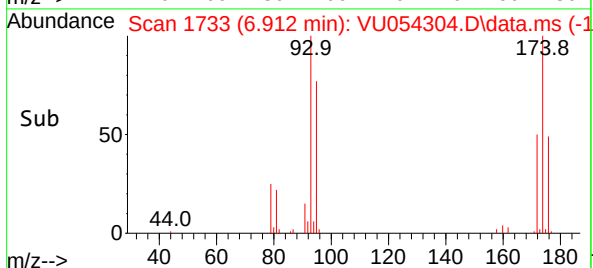
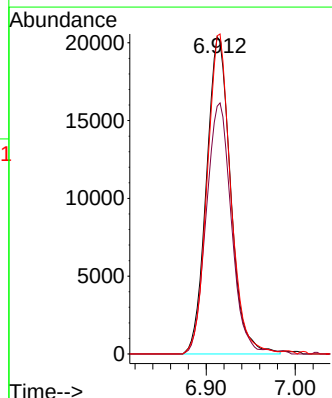
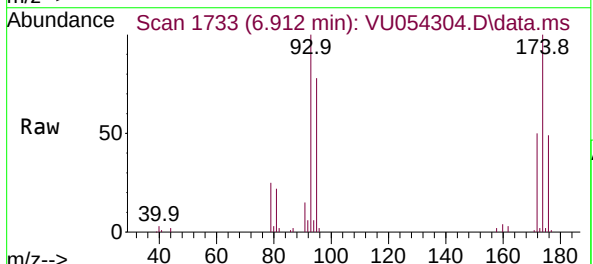
Tgt Ion: 93 Resp: 38391

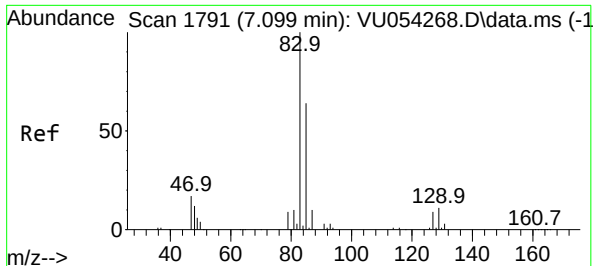
Ion Ratio Lower Upper

93 100

95 82.0 66.3 99.5

174 98.2 88.2 132.4





#47

Bromodichloromethane

Concen: 20.578 ug/l

RT: 7.099 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

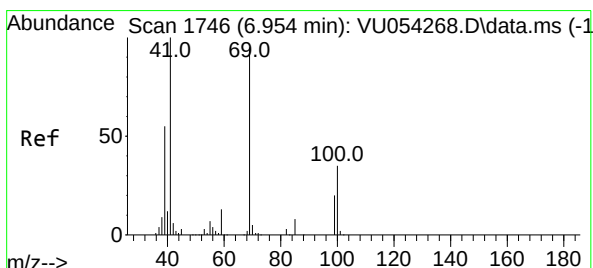
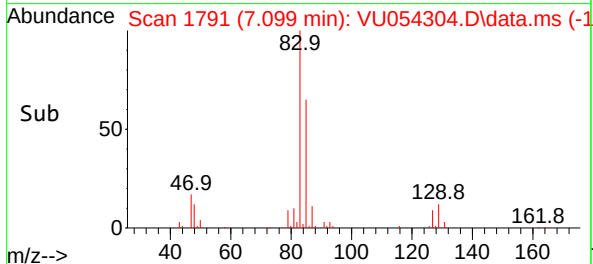
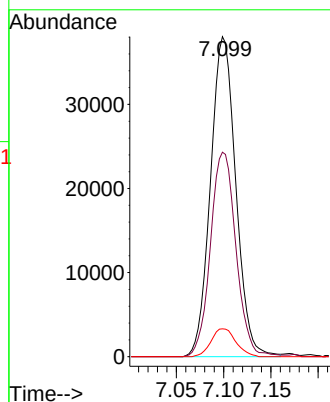
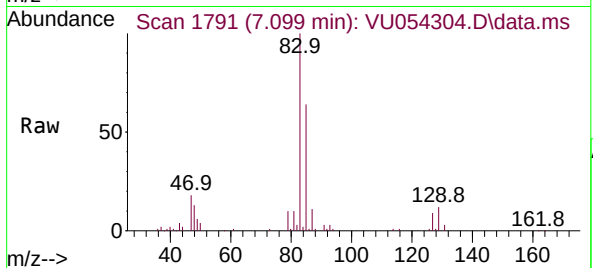
Instrument :

MSVOA_U

ClientSampleId :

VU0530WBS01

Tgt Ion: 83	Resp: 70916
Ion Ratio	Lower Upper
83	100
85	63.9 51.4 77.2
127	8.7 7.1 10.7



#48

Methyl methacrylate

Concen: 21.035 ug/l

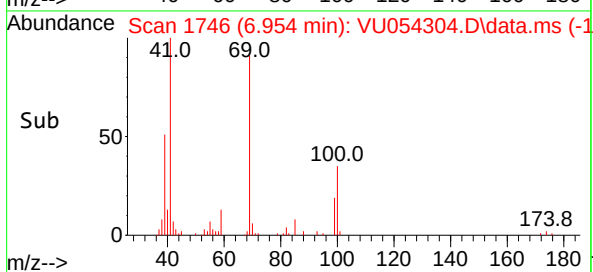
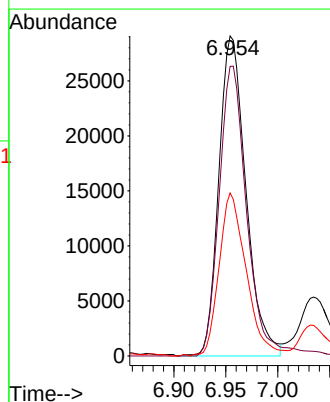
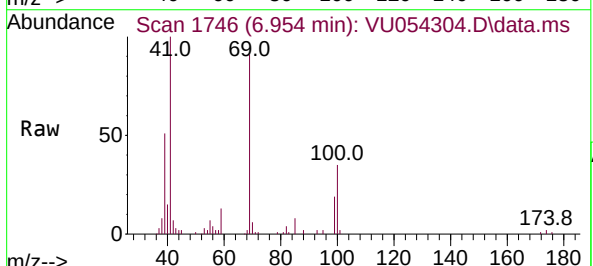
RT: 6.954 min Scan# 1746

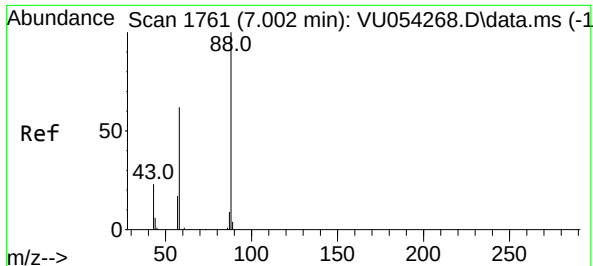
Delta R.T. 0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Tgt Ion: 41	Resp: 52757
Ion Ratio	Lower Upper
41	100
69	92.8 79.8 119.6
39	50.9 47.9 71.9





#49

1,4-Dioxane

Concen: 387.173 ug/l

RT: 6.993 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBS01

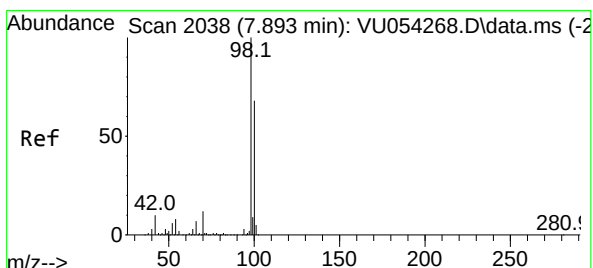
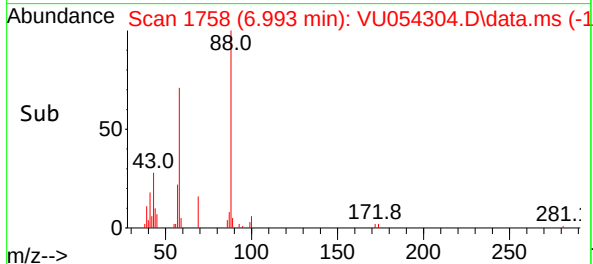
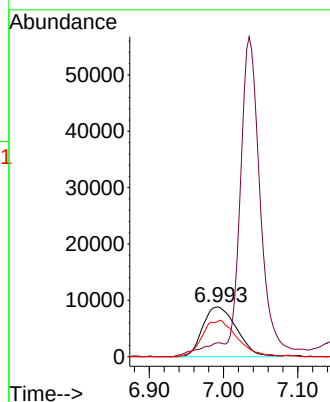
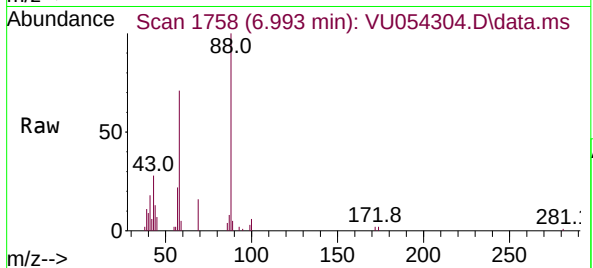
Tgt Ion: 88 Resp: 28034

Ion Ratio Lower Upper

88 100

43 21.6 0.0 0.0#

58 75.1 15.4 23.0#



#50

Toluene-d8

Concen: 52.257 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU054304.D

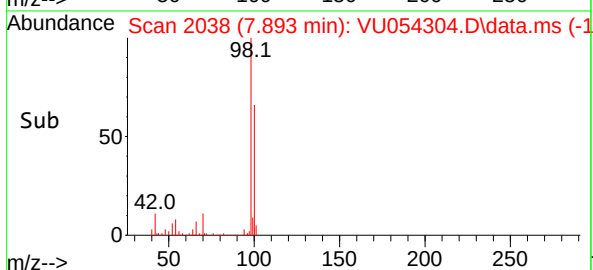
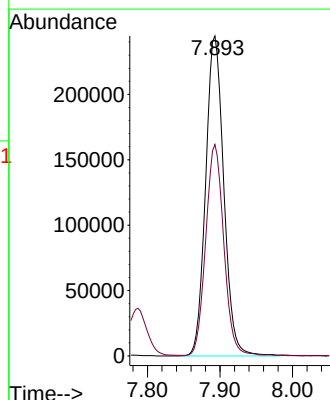
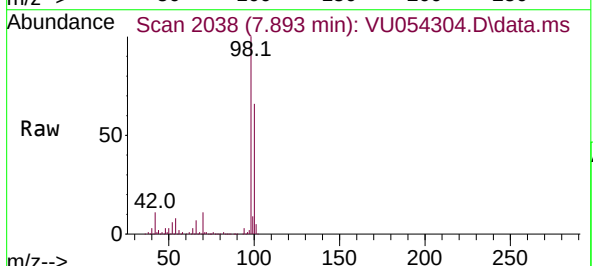
Acq: 30 May 2023 11:01

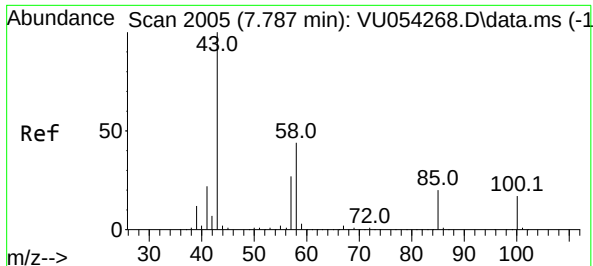
Tgt Ion: 98 Resp: 425761

Ion Ratio Lower Upper

98 100

100 65.4 51.7 77.5

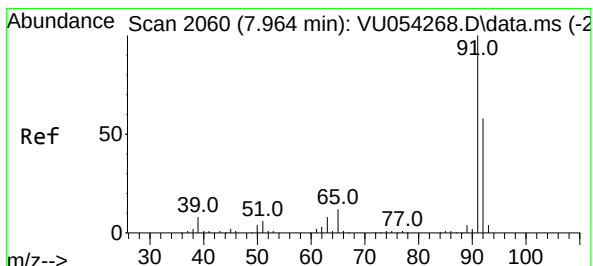
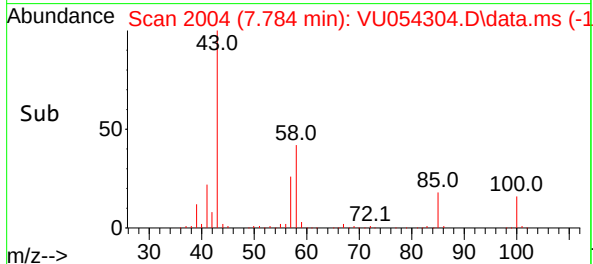
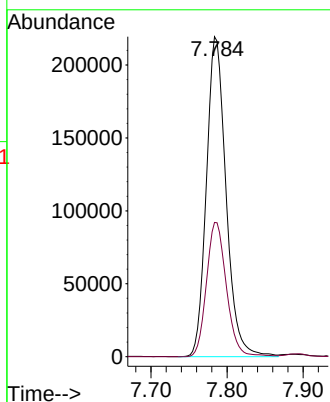
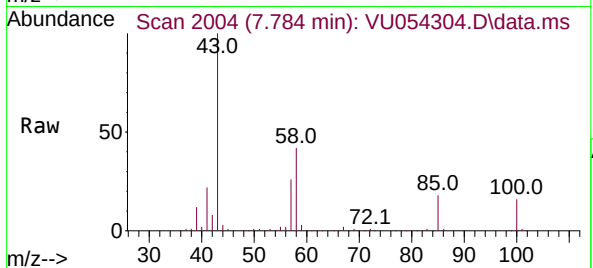




#51
4-Methyl-2-Pentanone
Concen: 104.361 ug/l
RT: 7.784 min Scan# 2004
Delta R.T. -0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

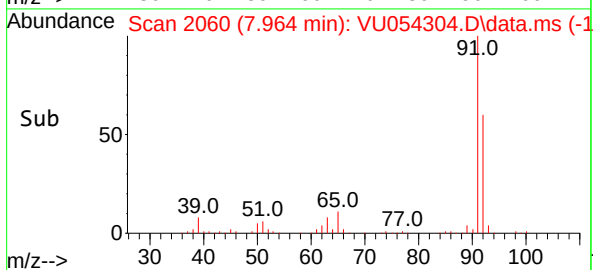
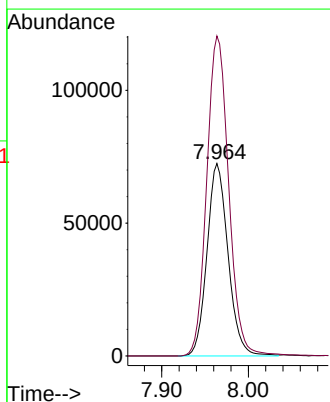
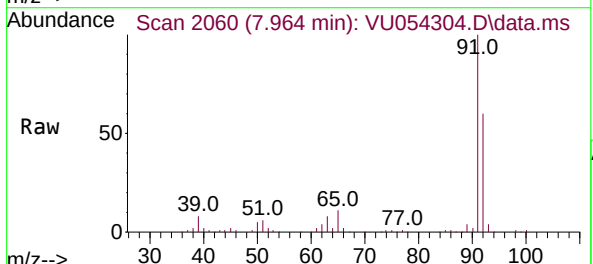
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

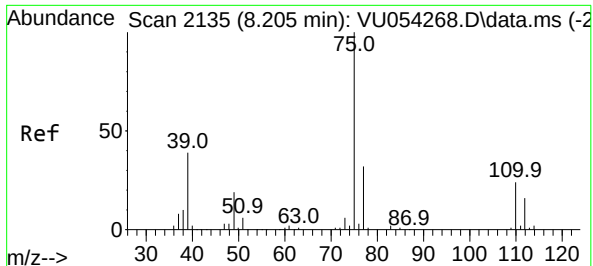
Tgt Ion: 43 Resp: 393879
Ion Ratio Lower Upper
43 100
58 42.6 34.7 52.1



#52
Toluene
Concen: 20.027 ug/l
RT: 7.964 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 92 Resp: 122546
Ion Ratio Lower Upper
92 100
91 173.6 138.2 207.4

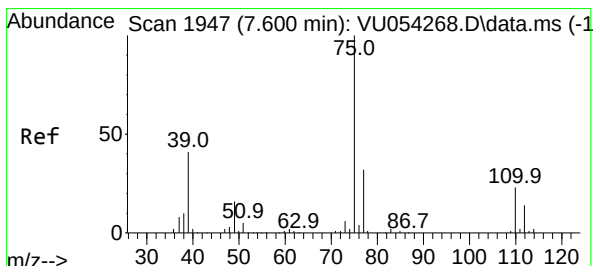
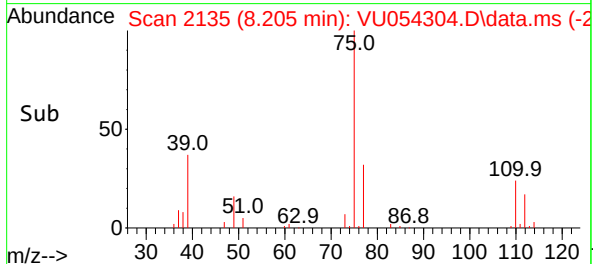
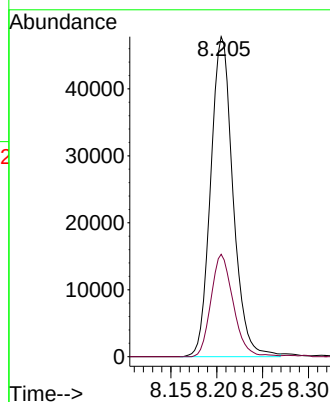
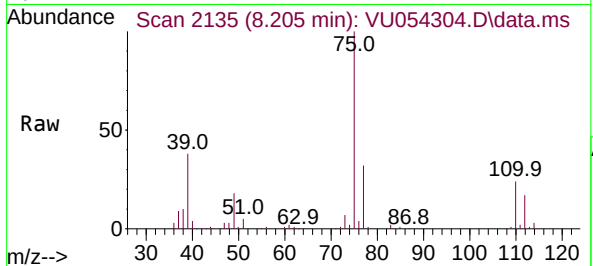




#53
t-1,3-Dichloropropene
Concen: 20.570 ug/l
RT: 8.205 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

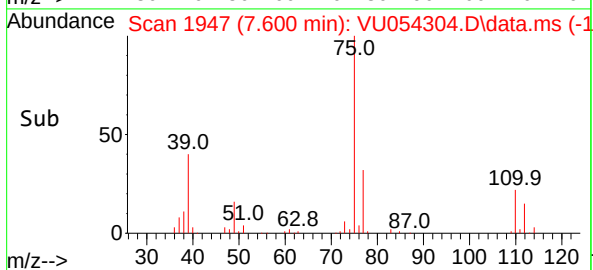
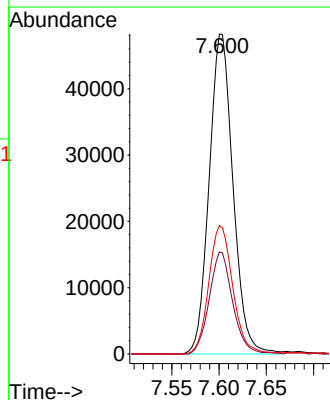
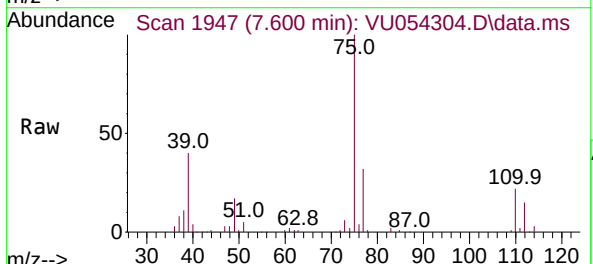
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

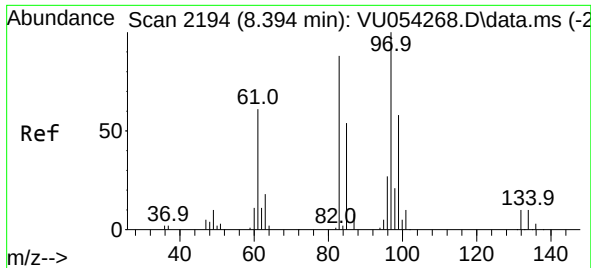
Tgt Ion: 75 Resp: 81102
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.550 ug/l
RT: 7.600 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 75 Resp: 84556
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
39 40.2 33.0 49.6

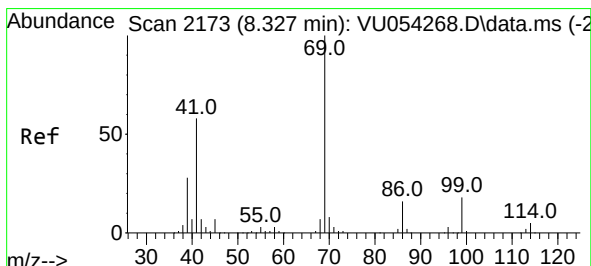
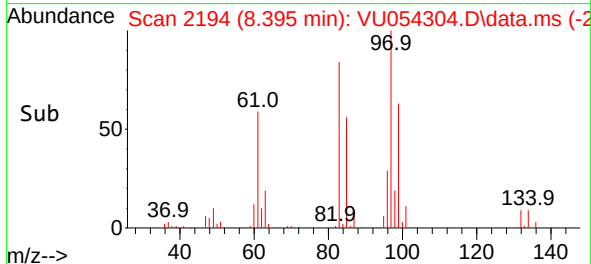
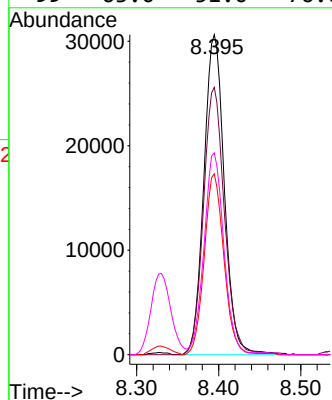
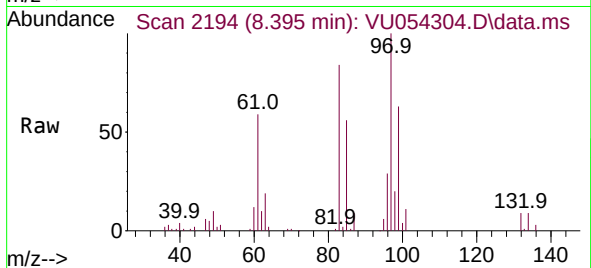




#55
1,1,2-Trichloroethane
Concen: 20.995 ug/l
RT: 8.395 min Scan# 2194
Delta R.T. 0.001 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

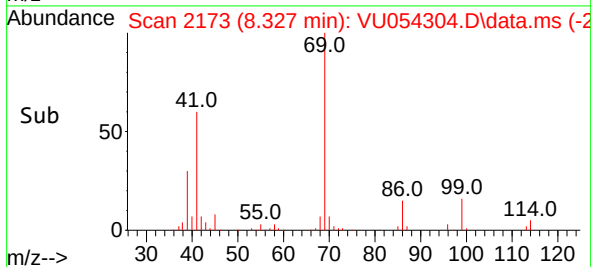
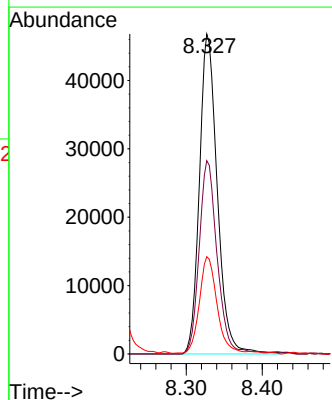
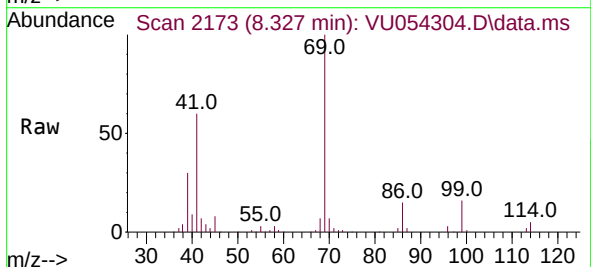
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

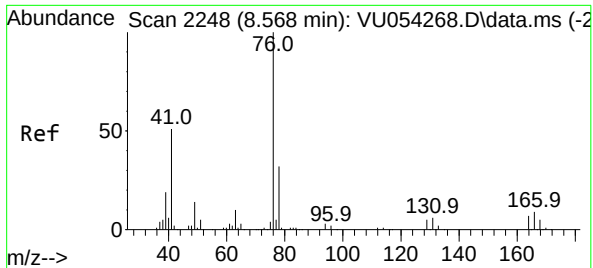
Tgt Ion: 97	Resp: 53241
Ion Ratio	Lower Upper
97 100	
83 83.5	70.2 105.4
85 56.5	44.6 66.8
99 63.0	51.0 76.6



#56
Ethyl methacrylate
Concen: 20.274 ug/l
RT: 8.327 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 69	Resp: 76528
Ion Ratio	Lower Upper
69 100	
41 60.9	45.4 68.0
39 29.4	25.7 38.5

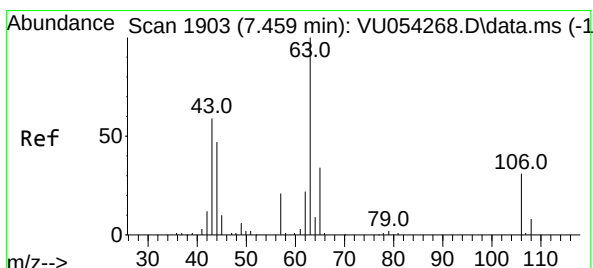
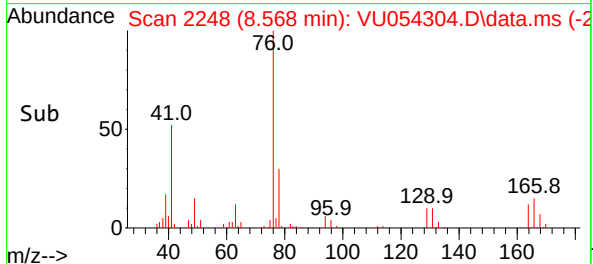
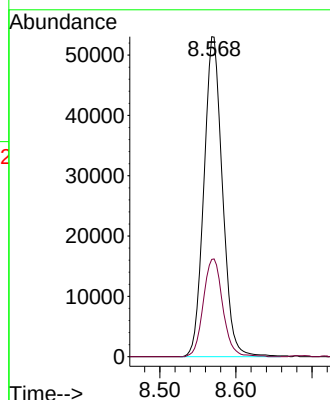
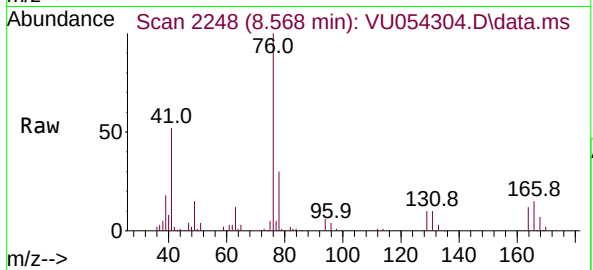




#57
1,3-Dichloropropane
Concen: 20.579 ug/l
RT: 8.568 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

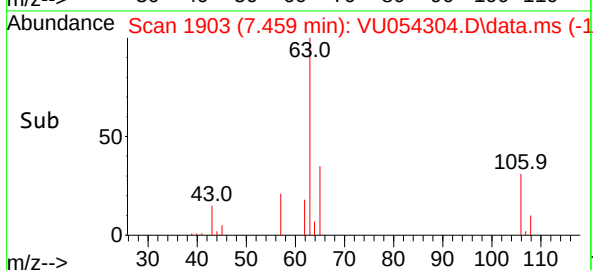
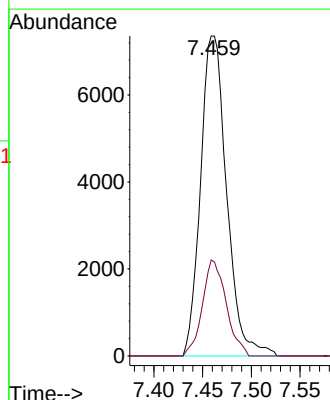
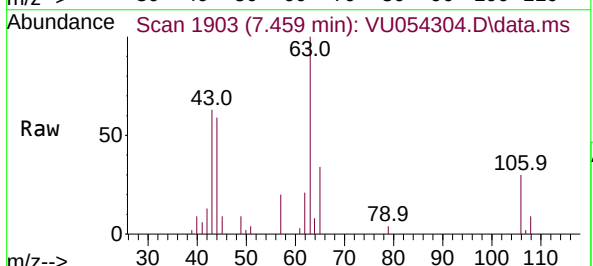
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

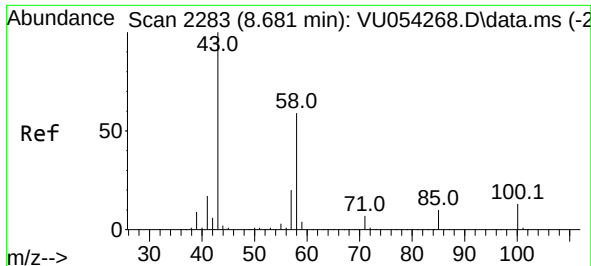
Tgt Ion: 76 Resp: 89870
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 56.666 ug/l
RT: 7.459 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 63 Resp: 13714
Ion Ratio Lower Upper
63 100
106 27.4 23.1 34.7

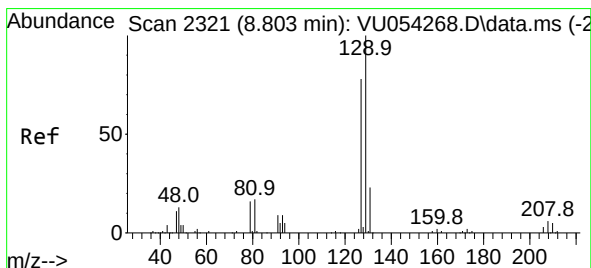
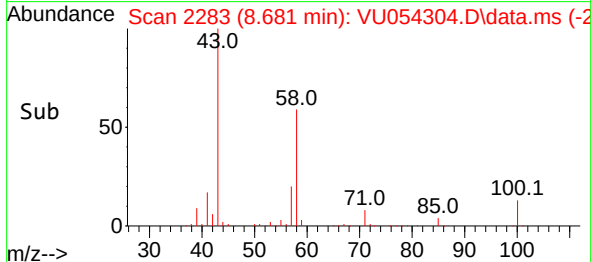
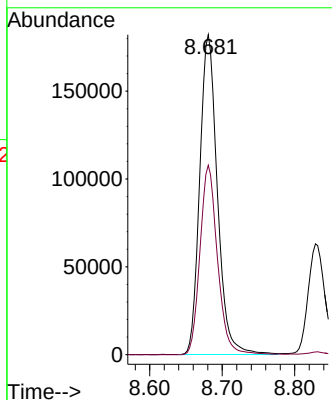
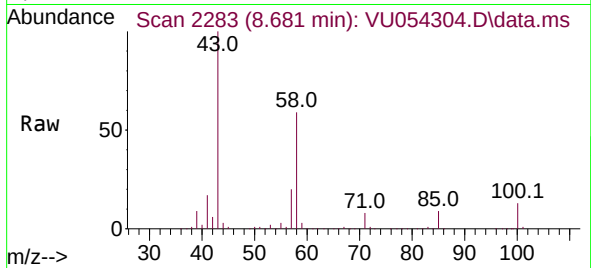




#59
2-Hexanone
Concen: 103.192 ug/l
RT: 8.681 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

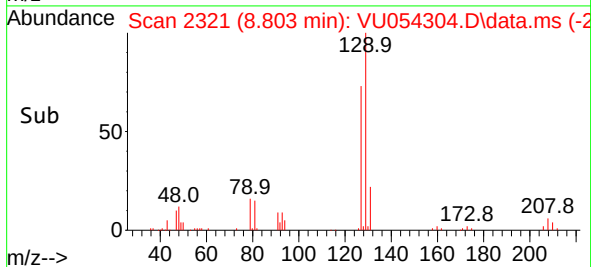
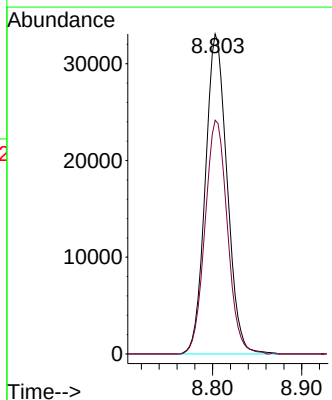
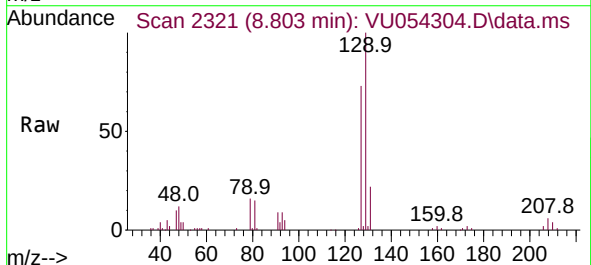
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

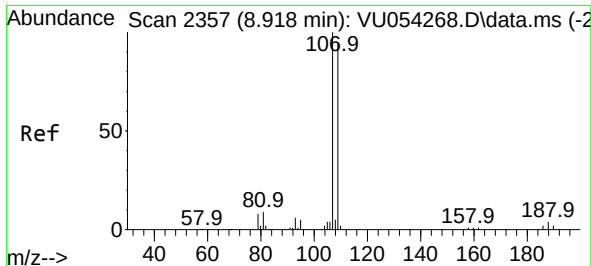
Tgt Ion: 43 Resp: 307660
Ion Ratio Lower Upper
43 100
58 58.7 30.3 90.8



#60
Dibromochloromethane
Concen: 21.763 ug/l
RT: 8.803 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 129 Resp: 56070
Ion Ratio Lower Upper
129 100
127 75.2 38.6 116.0

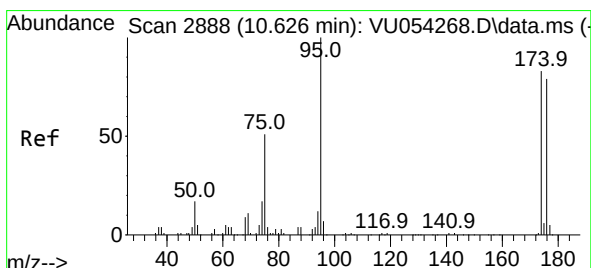
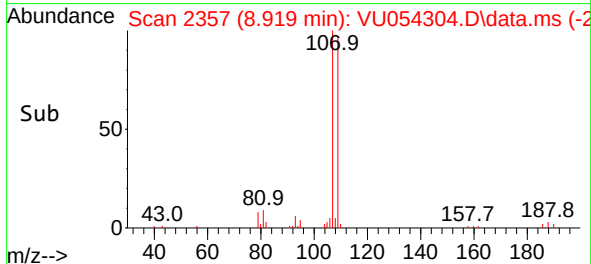
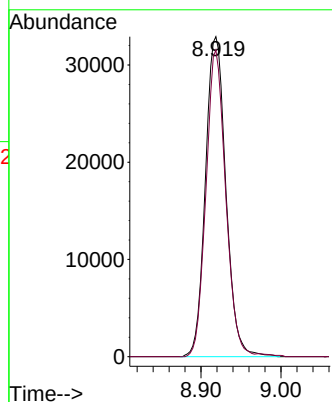
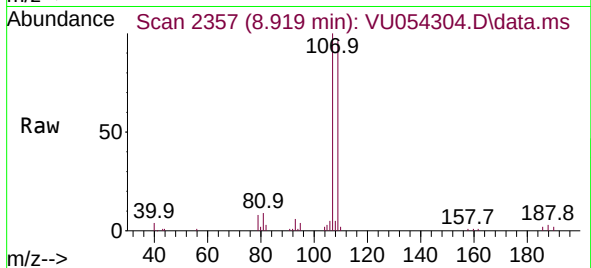




#61
1,2-Dibromoethane
Concen: 21.238 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

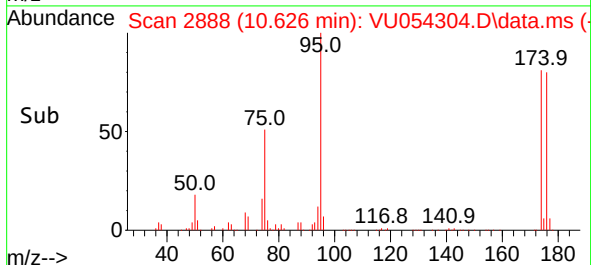
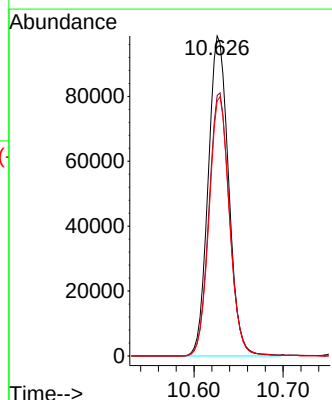
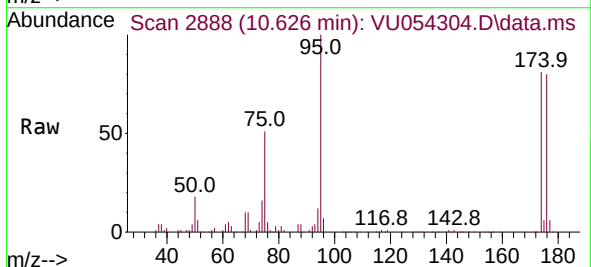
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

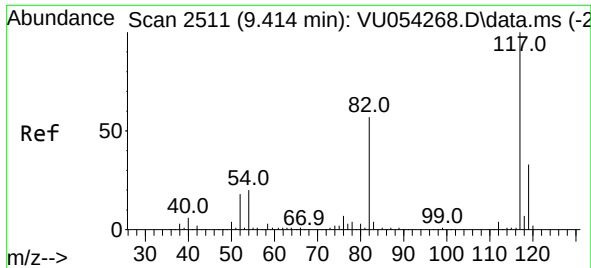
Tgt Ion:107 Resp: 58614
Ion Ratio Lower Upper
107 100
109 92.1 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.615 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 95 Resp: 156738
Ion Ratio Lower Upper
95 100
174 82.4 0.0 182.0
176 80.7 0.0 177.8

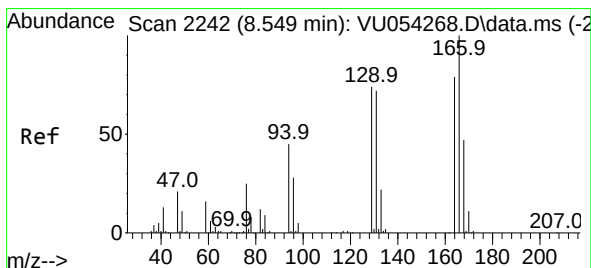
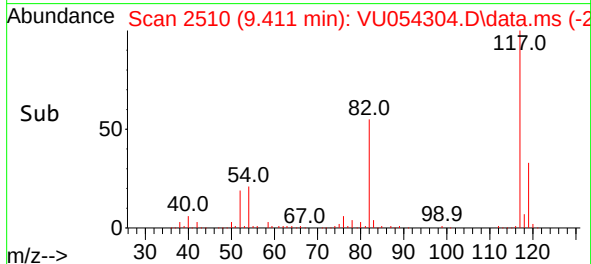
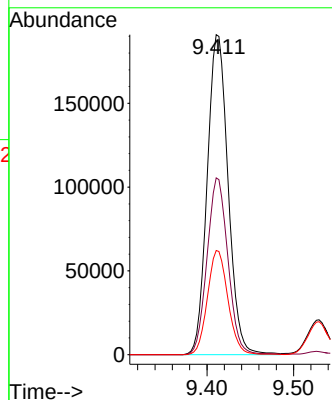
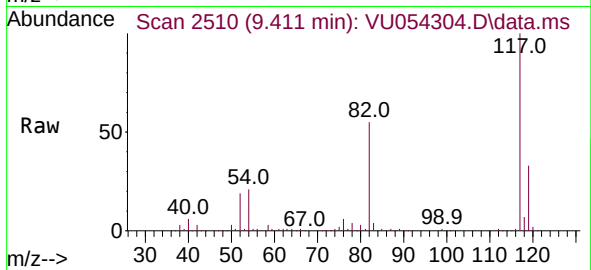




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

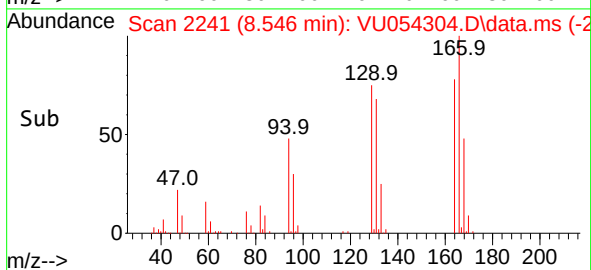
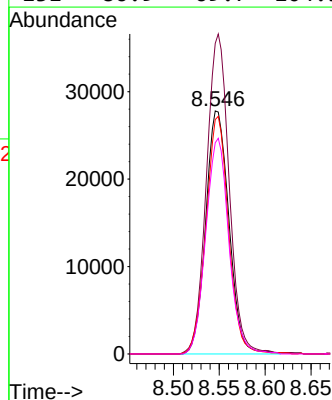
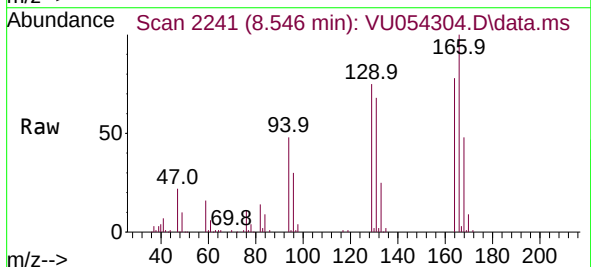
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

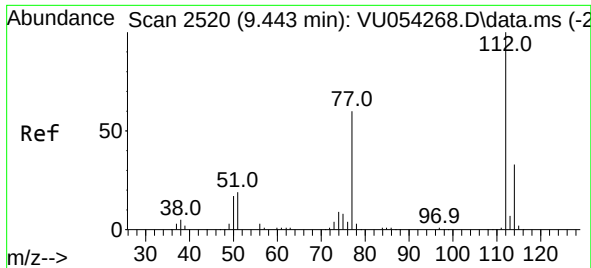
Tgt Ion:117 Resp: 319965
Ion Ratio Lower Upper
117 100
82 55.2 41.7 62.5
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 20.347 ug/l
RT: 8.546 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion:164 Resp: 48999
Ion Ratio Lower Upper
164 100
166 127.8 100.0 150.0
129 96.5 72.0 108.0
131 86.9 69.7 104.5

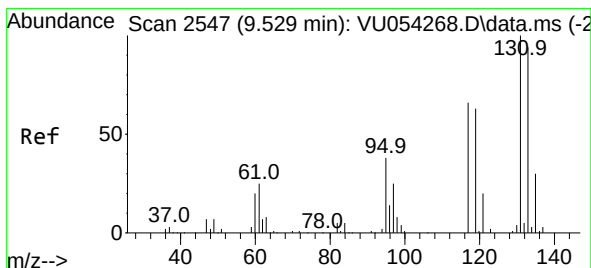
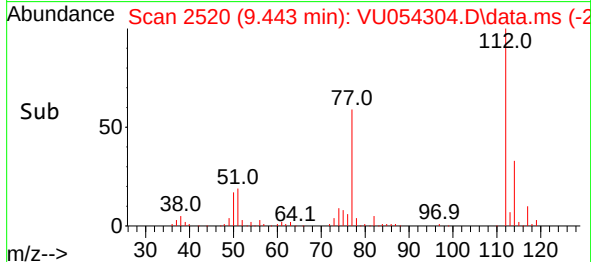
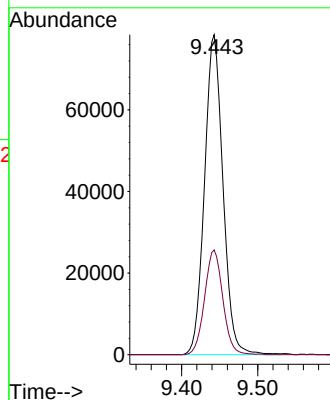
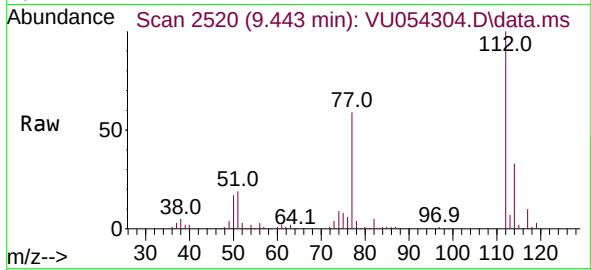




#65
Chlorobenzene
Concen: 19.762 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

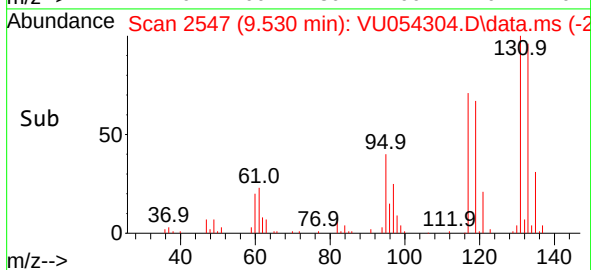
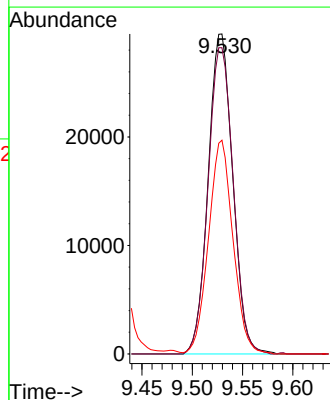
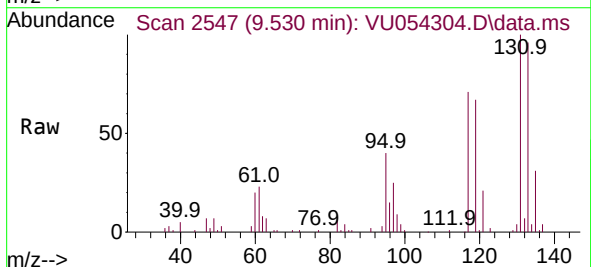
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

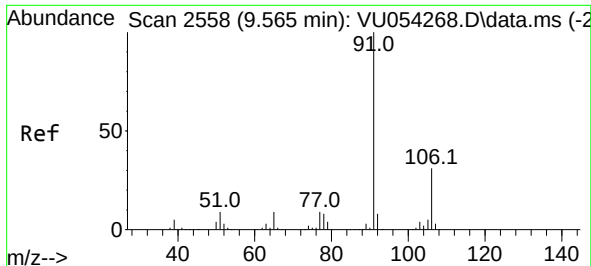
Tgt Ion:112 Resp: 132188
Ion Ratio Lower Upper
112 100
114 32.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.670 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.001 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion:131 Resp: 50158
Ion Ratio Lower Upper
131 100
133 97.9 48.4 145.0
119 66.6 33.9 101.6





#67

Ethyl Benzene

Concen: 19.847 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

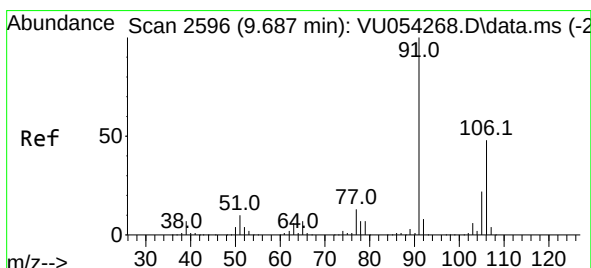
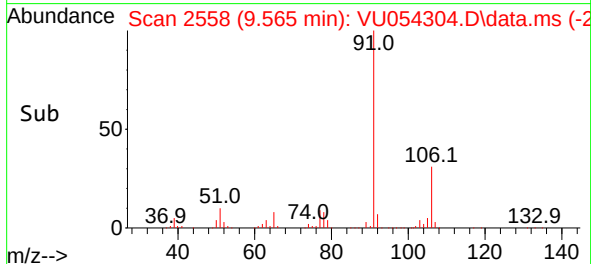
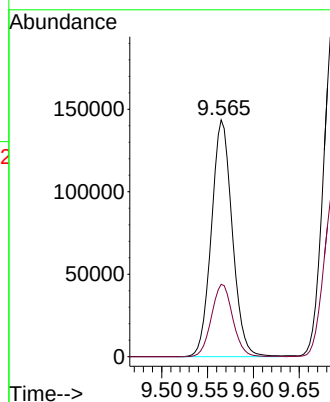
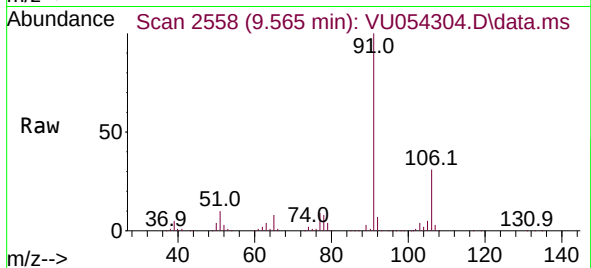
VU0530WBS01

Tgt Ion: 91 Resp: 226966

Ion Ratio Lower Upper

91 100

106 30.5 25.6 38.4



#68

m/p-Xylenes

Concen: 40.675 ug/l

RT: 9.687 min Scan# 2596

Delta R.T. 0.000 min

Lab File: VU054304.D

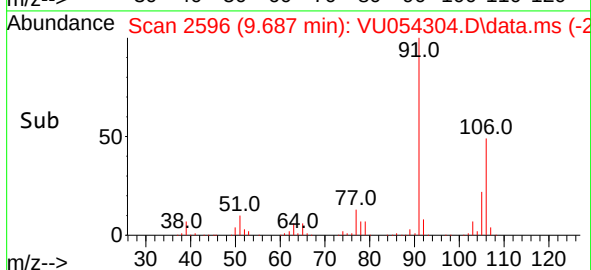
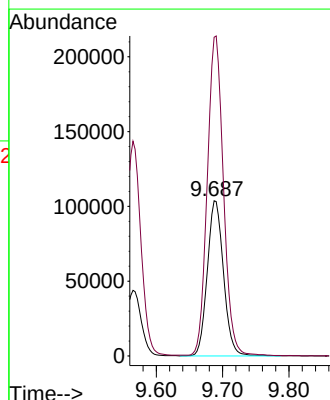
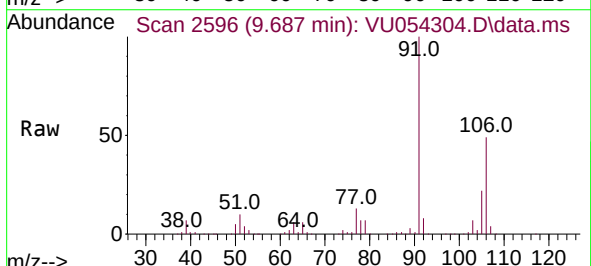
Acq: 30 May 2023 11:01

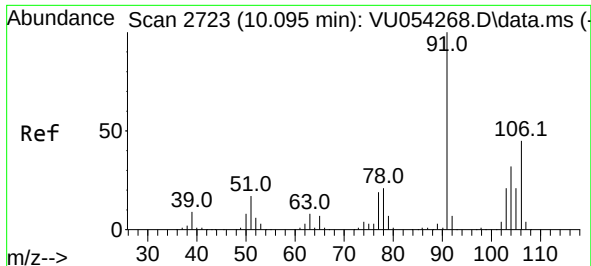
Tgt Ion:106 Resp: 176315

Ion Ratio Lower Upper

106 100

91 205.4 157.2 235.8

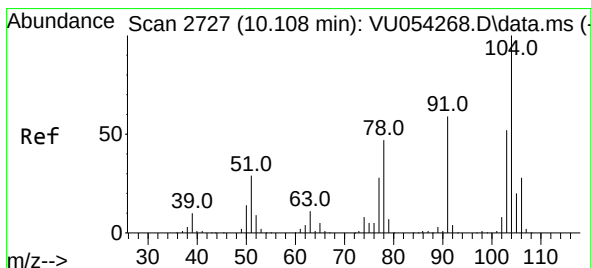
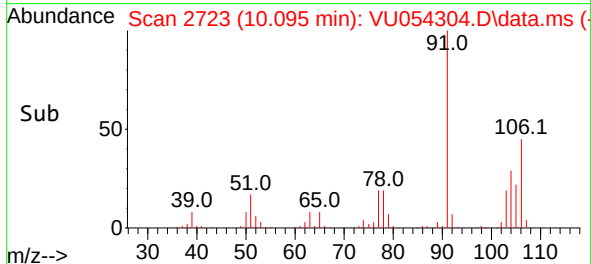
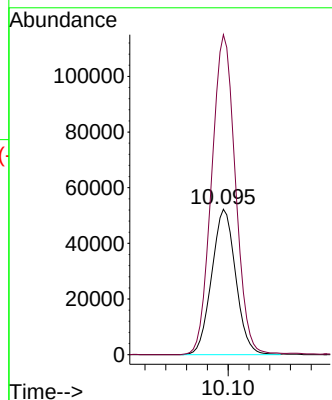
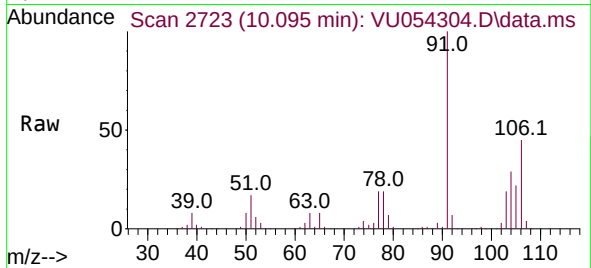




#69
o-Xylene
Concen: 20.002 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

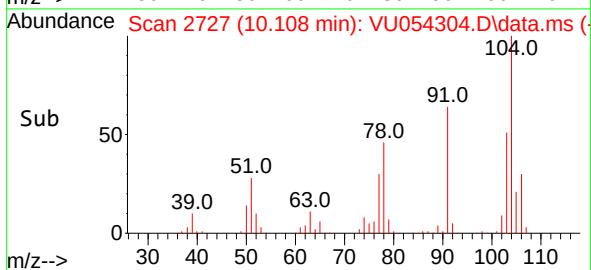
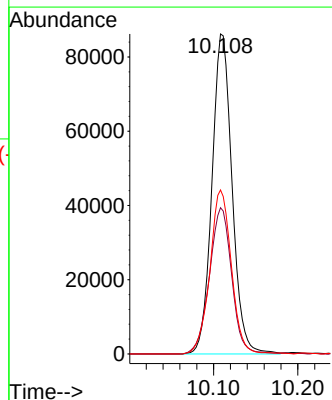
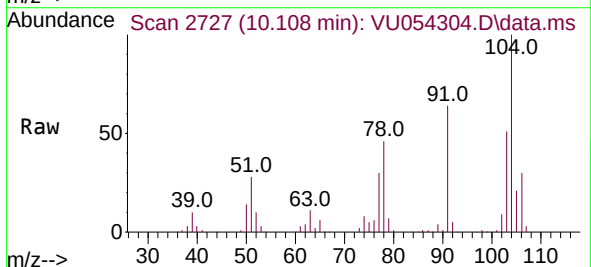
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

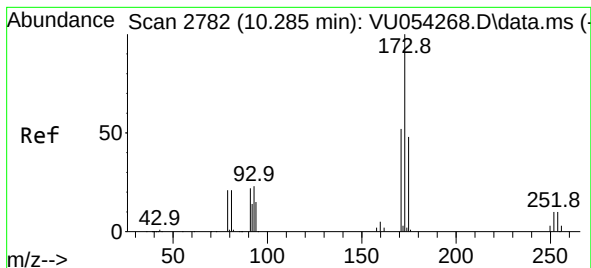
Tgt Ion:106 Resp: 83932
Ion Ratio Lower Upper
106 100
91 218.3 103.5 310.5



#70
Styrene
Concen: 20.543 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion:104 Resp: 142955
Ion Ratio Lower Upper
104 100
78 50.6 38.0 57.0
103 54.4 43.9 65.9





#71

Bromoform

Concen: 21.516 ug/l

RT: 10.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBS01

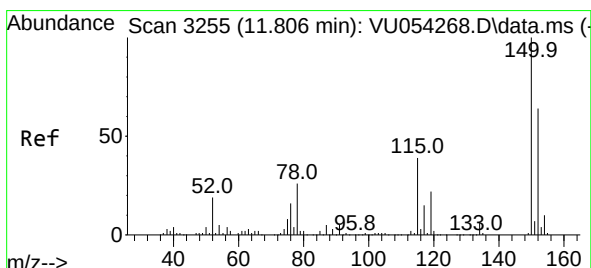
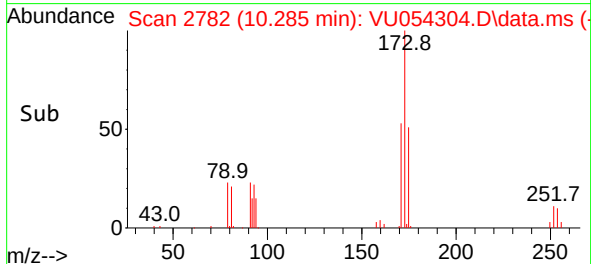
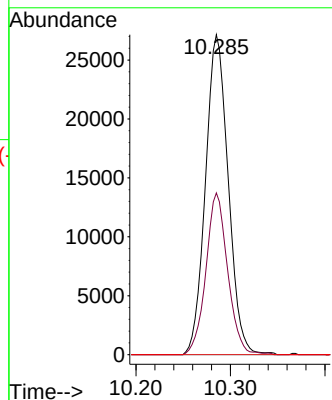
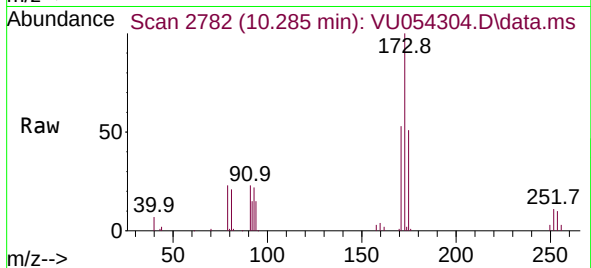
Tgt Ion:173 Resp: 45370

Ion Ratio Lower Upper

173 100

175 48.4 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: VU054304.D

Acq: 30 May 2023 11:01

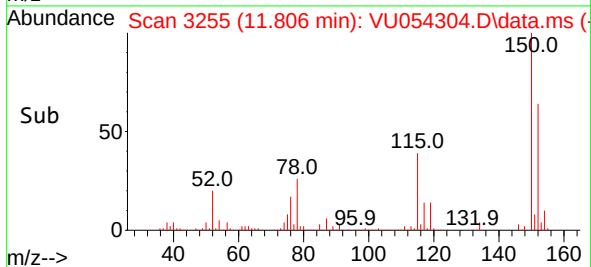
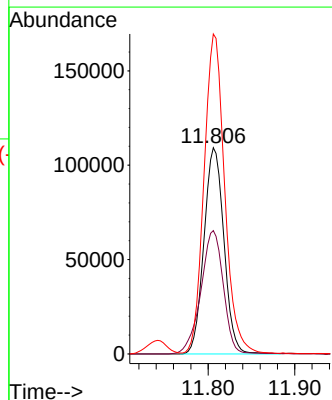
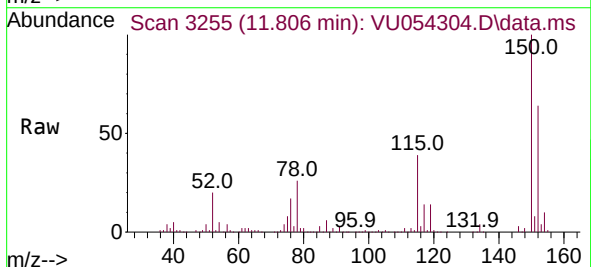
Tgt Ion:152 Resp: 175332

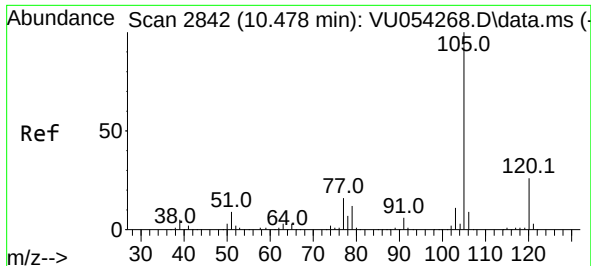
Ion Ratio Lower Upper

152 100

115 67.2 37.0 110.9

150 160.1 0.0 342.2

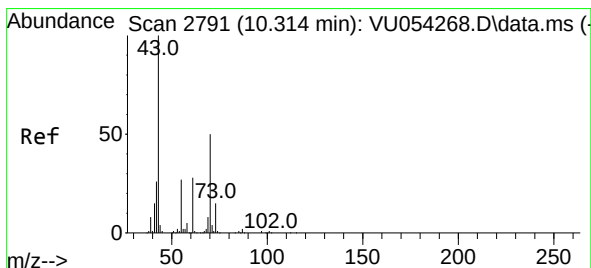
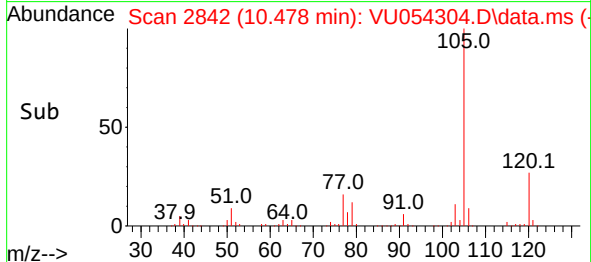
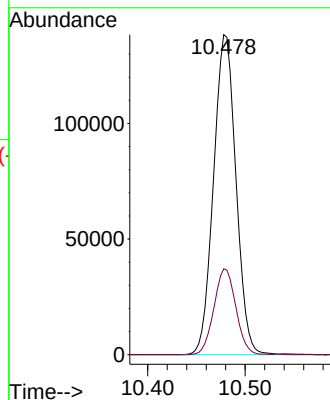
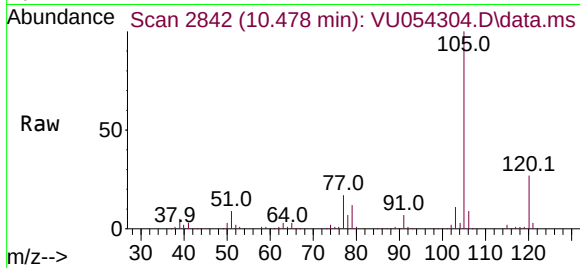




#73
Isopropylbenzene
Concen: 20.357 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

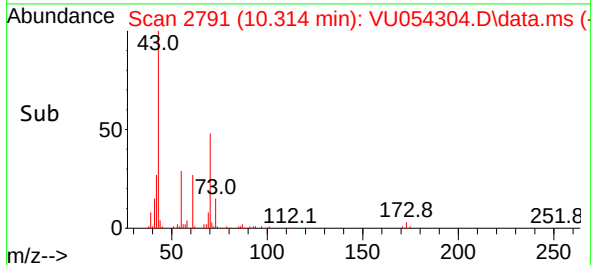
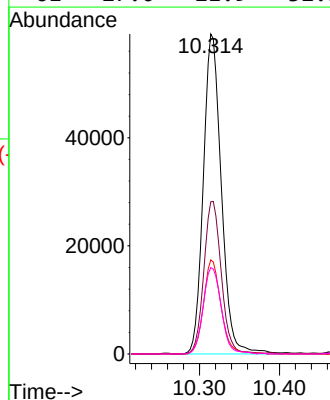
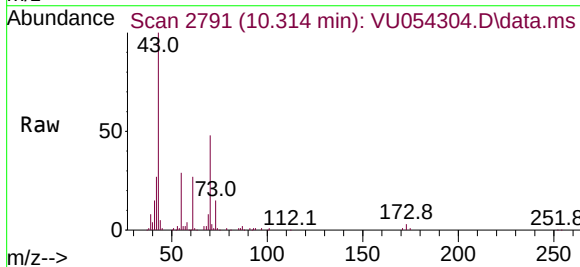
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

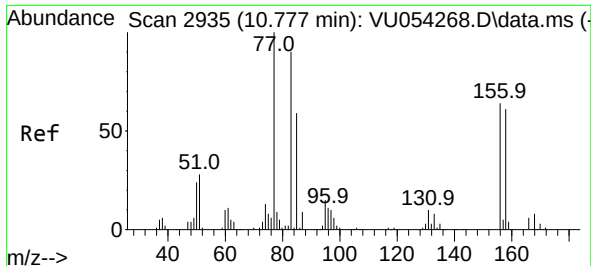
Tgt Ion:105 Resp: 221044
Ion Ratio Lower Upper
105 100
120 26.2 13.8 41.4



#74
N-ethyl acetate
Concen: 20.173 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 43 Resp: 93012
Ion Ratio Lower Upper
43 100
70 46.2 38.7 58.1
55 28.2 21.8 32.8
61 27.0 21.9 32.9

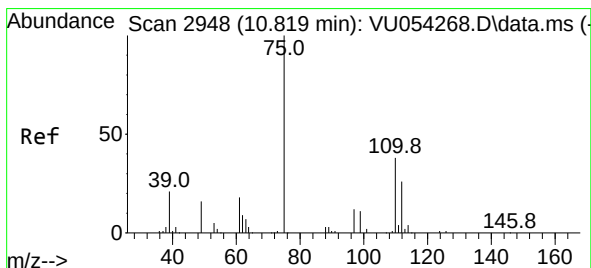
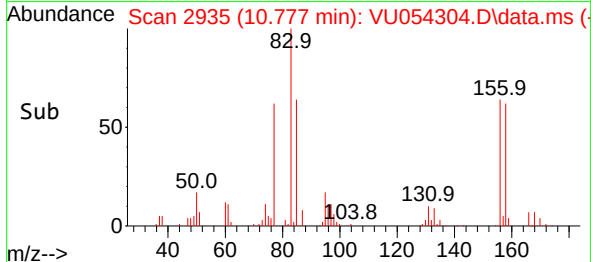
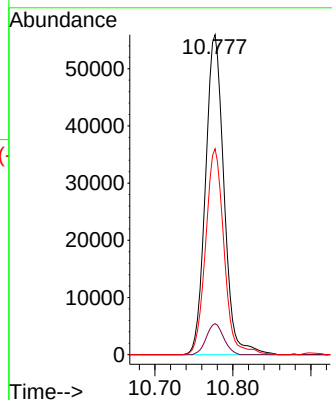
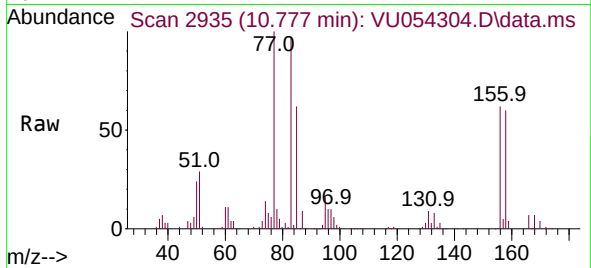




#75
1,1,2,2-Tetrachloroethane
Concen: 20.984 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

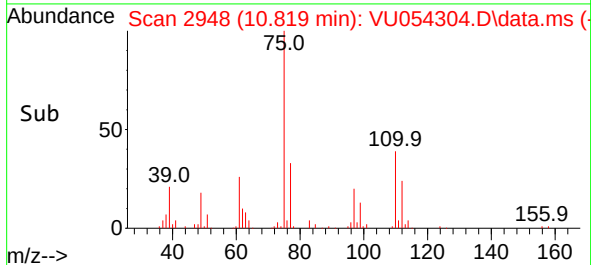
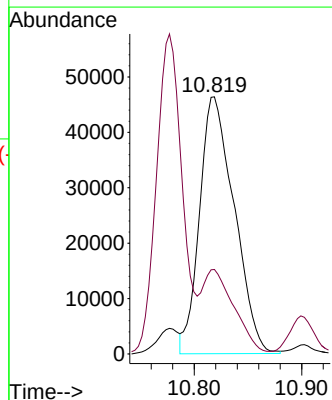
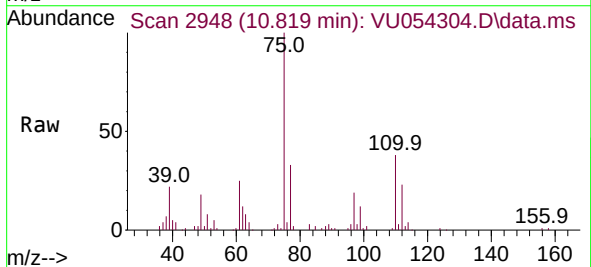
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

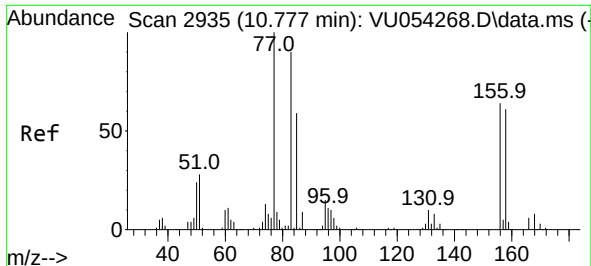
Tgt Ion: 83 Resp: 92197
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.4
85 64.1 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 20.310 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 75 Resp: 103932
Ion Ratio Lower Upper
75 100
77 28.3 15.8 47.3

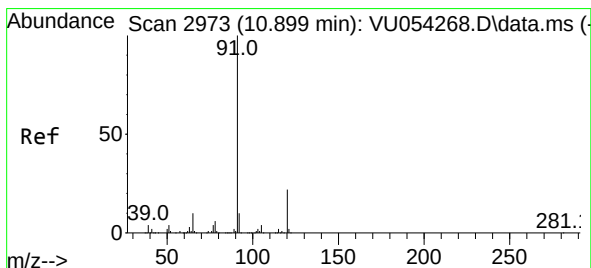
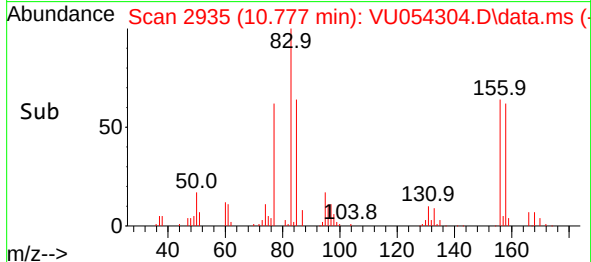
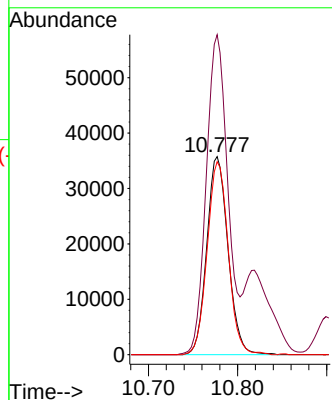
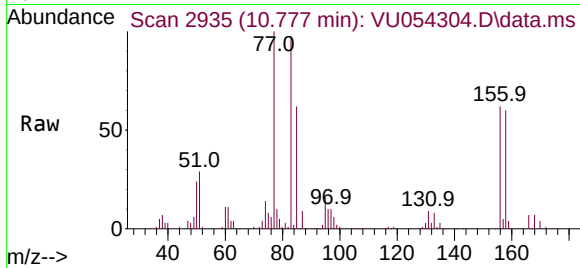




#77
Bromobenzene
Concen: 19.875 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

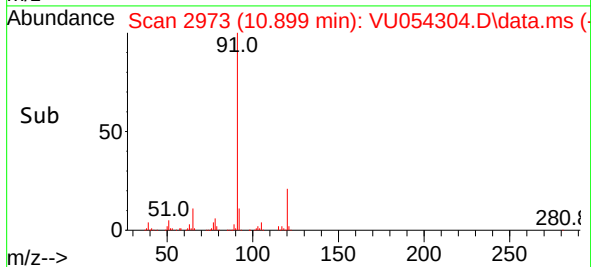
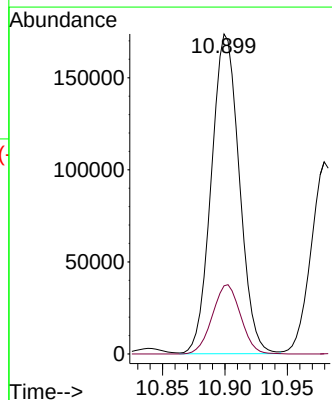
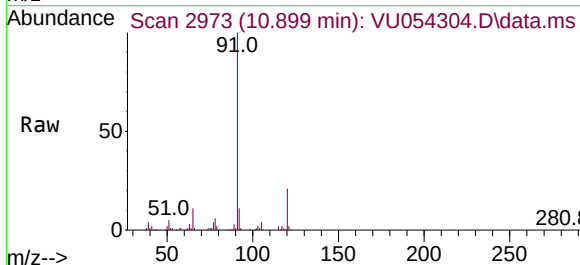
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

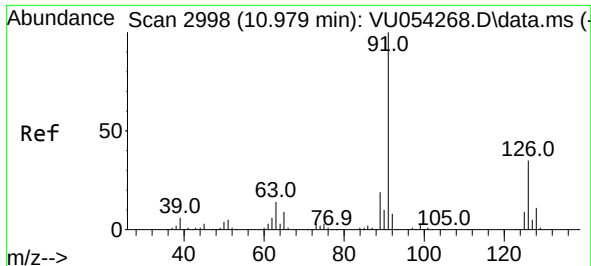
Tgt Ion	Ratio	Lower	Upper
156	100		
77	163.1	71.9	215.6
158	96.6	48.9	146.8



#78
n-propylbenzene
Concen: 20.415 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.9	35.5

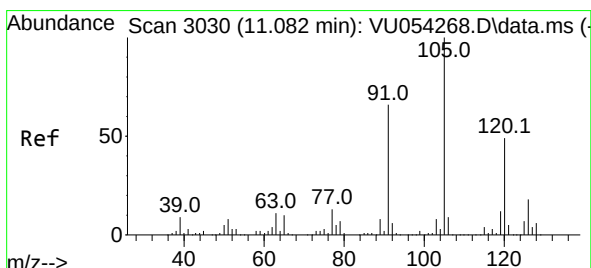
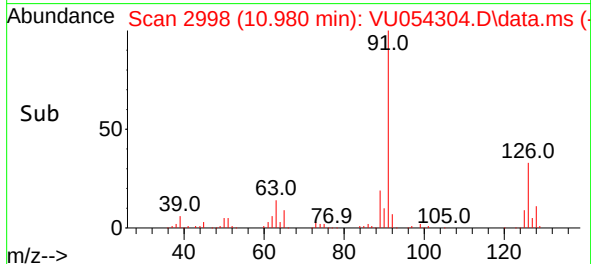
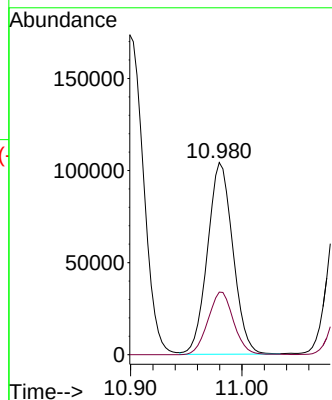
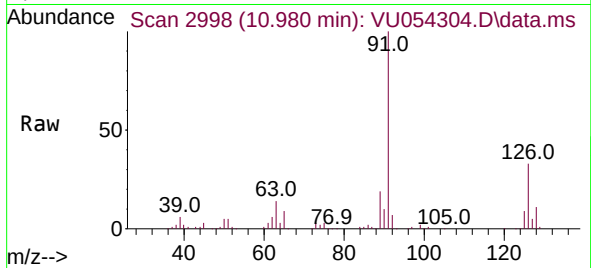




#79
2-Chlorotoluene
Concen: 20.483 ug/l
RT: 10.980 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

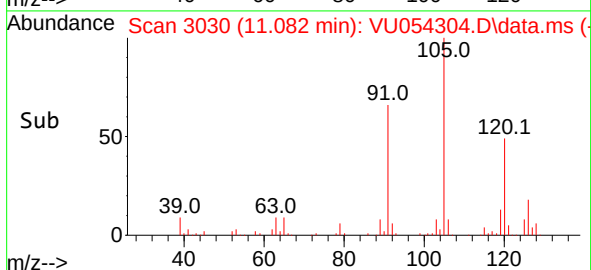
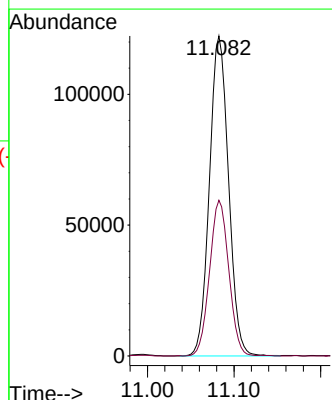
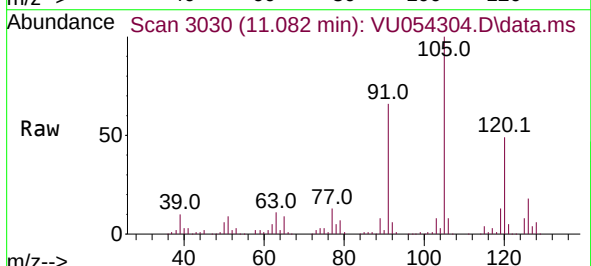
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

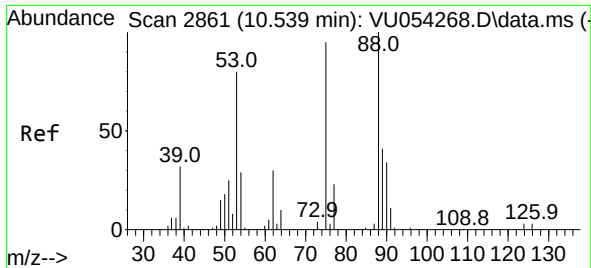
Tgt Ion: 91 Resp: 164956
Ion Ratio Lower Upper
91 100
126 32.8 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 20.296 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 105 Resp: 187417
Ion Ratio Lower Upper
105 100
120 48.9 25.3 75.9

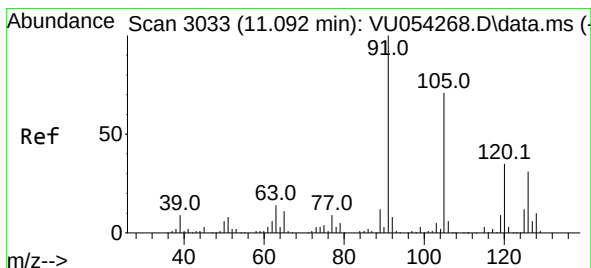
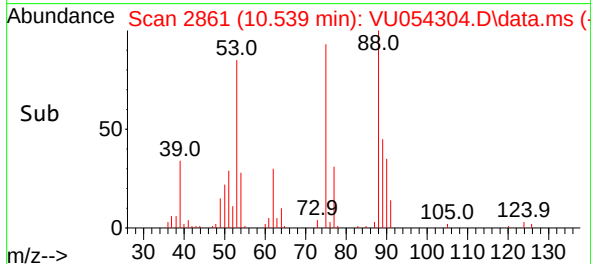
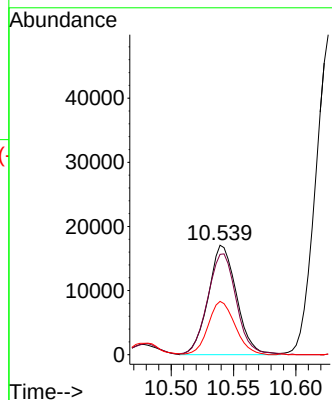
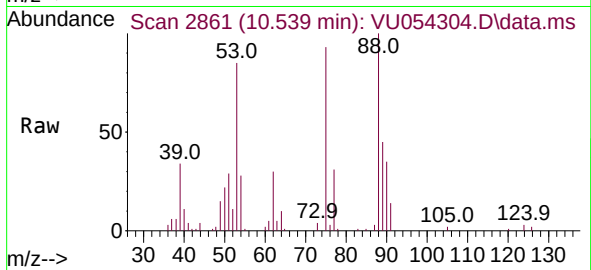




#81
trans-1,4-Dichloro-2-butene
Concen: 20.078 ug/l
RT: 10.539 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

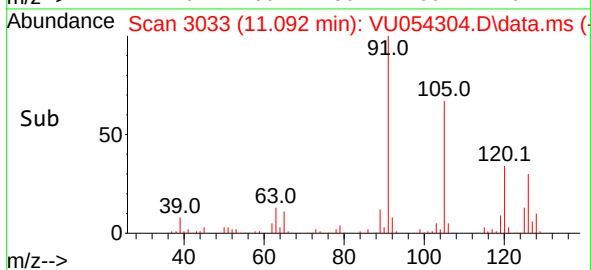
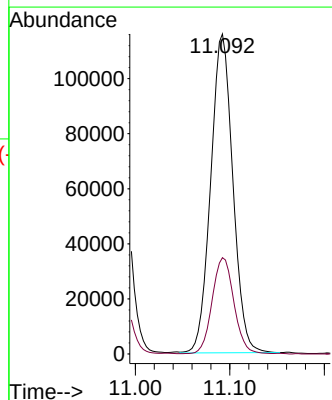
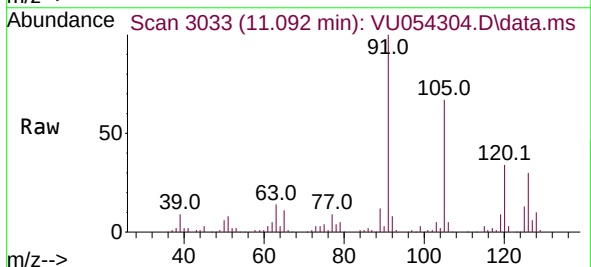
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

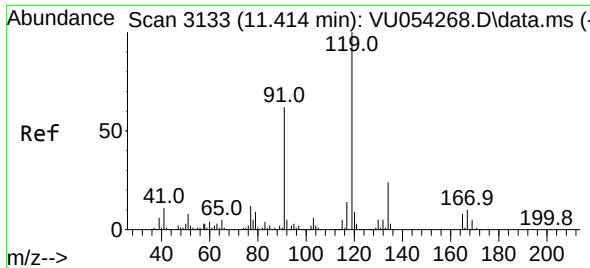
Tgt Ion: 75 Resp: 26982
Ion Ratio Lower Upper
75 100
53 93.7 69.2 103.8
89 46.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 19.902 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 91 Resp: 188057
Ion Ratio Lower Upper
91 100
126 29.5 16.1 48.2

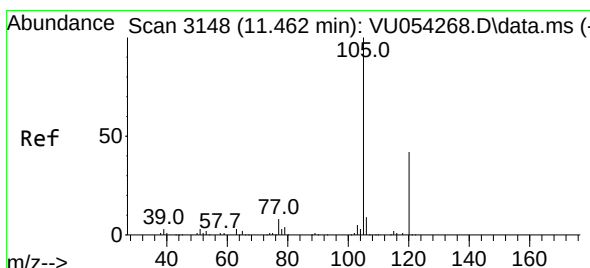
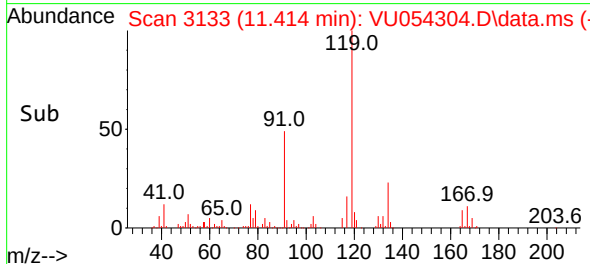
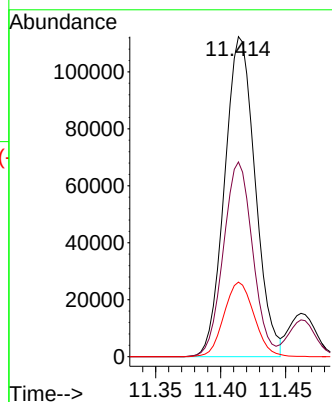
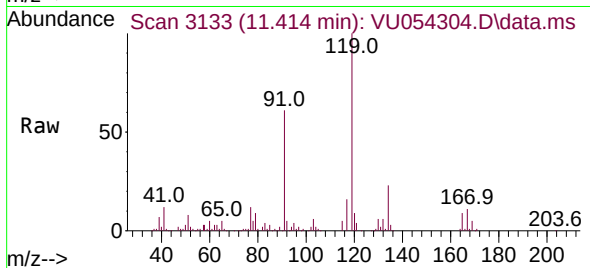




#83
 tert-Butylbenzene
 Concen: 19.962 ug/l
 RT: 11.414 min Scan# 3133
 Delta R.T. -0.000 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

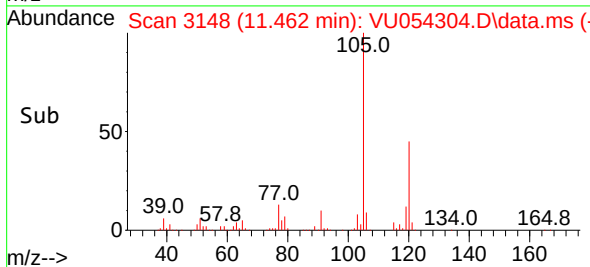
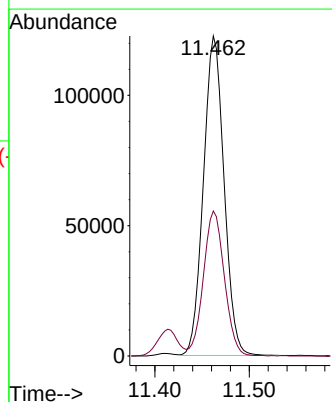
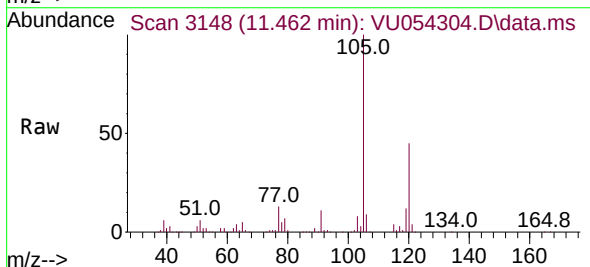
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBS01

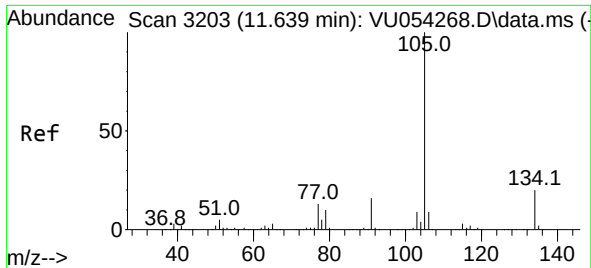
Tgt Ion:119 Resp: 184328
 Ion Ratio Lower Upper
 119 100
 91 58.1 26.8 80.3
 134 22.9 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.239 ug/l
 RT: 11.462 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

Tgt Ion:105 Resp: 185935
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.3

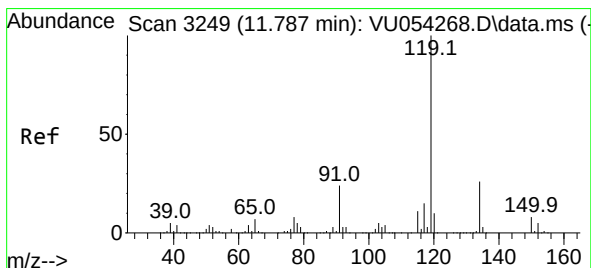
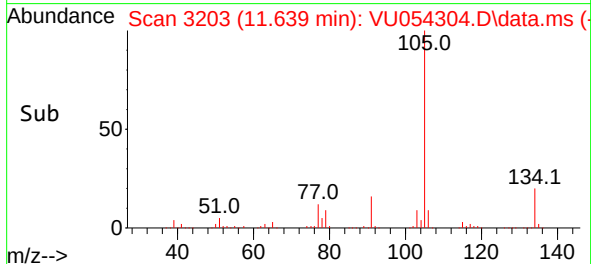
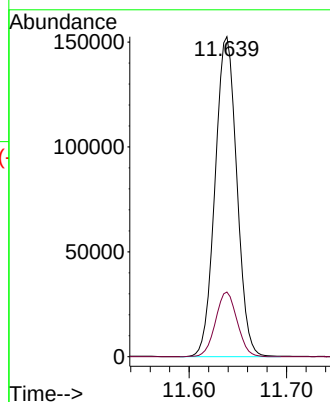
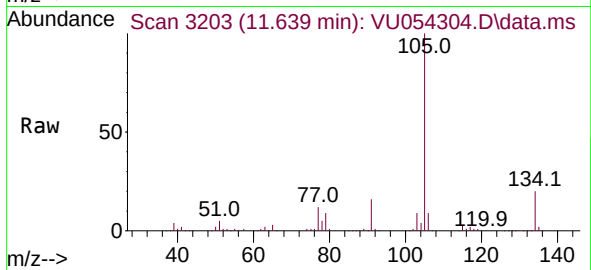




#85
 sec-Butylbenzene
 Concen: 20.182 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

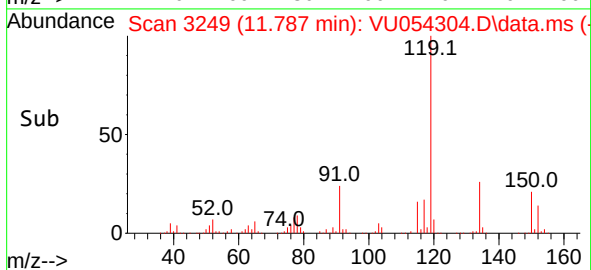
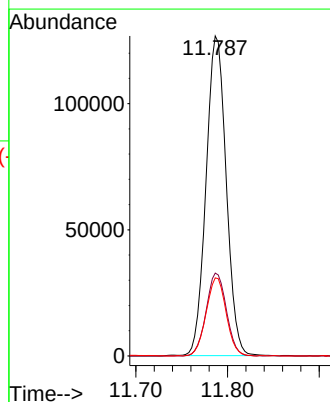
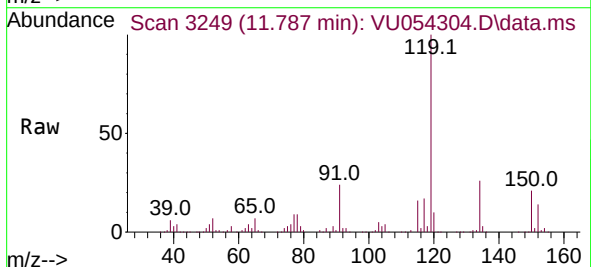
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBS01

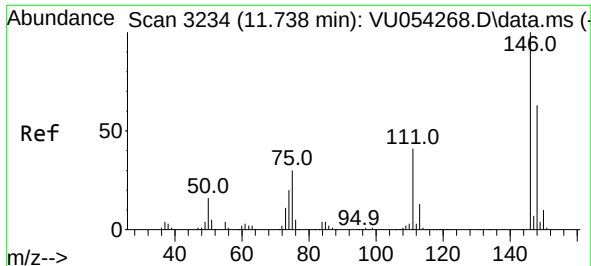
Tgt Ion:105 Resp: 236468
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.607 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

Tgt Ion:119 Resp: 193227
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.4
 91 24.4 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.228 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.004 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBS01

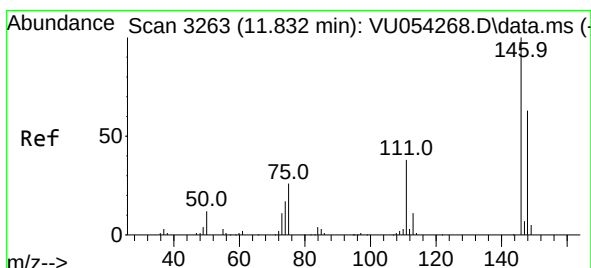
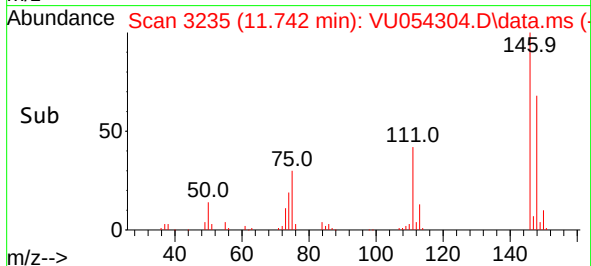
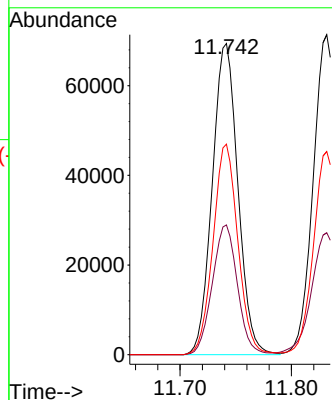
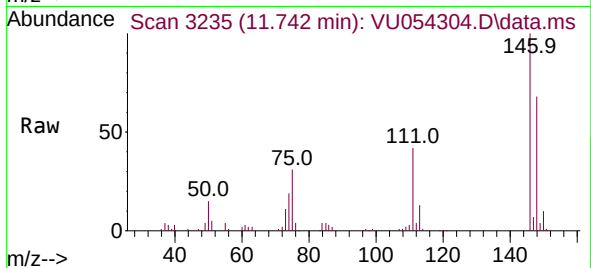
Tgt Ion:146 Resp: 111014

Ion Ratio Lower Upper

146 100

111 40.8 18.9 56.5

148 65.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 18.621 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

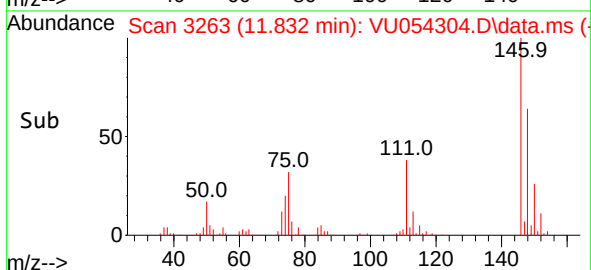
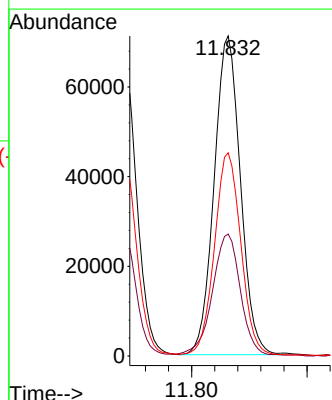
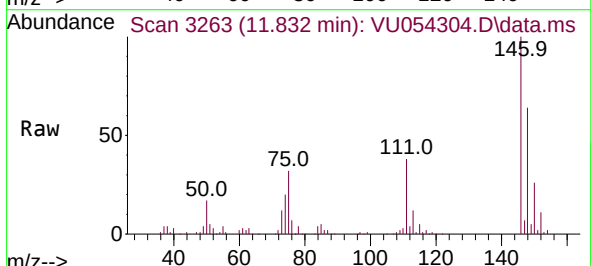
Tgt Ion:146 Resp: 112317

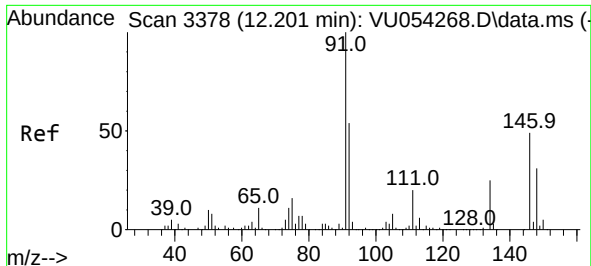
Ion Ratio Lower Upper

146 100

111 40.4 18.5 55.5

148 64.0 31.9 95.7

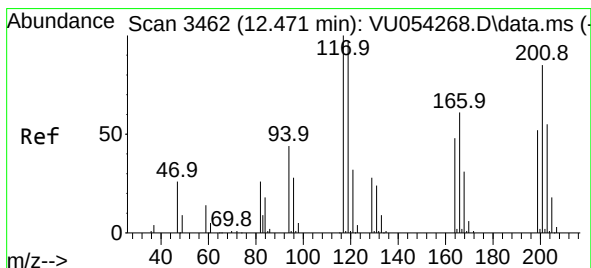
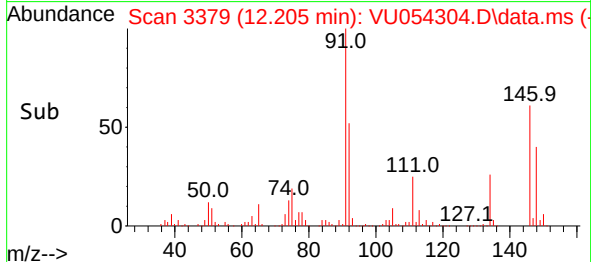
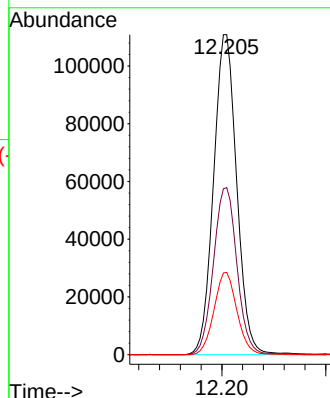
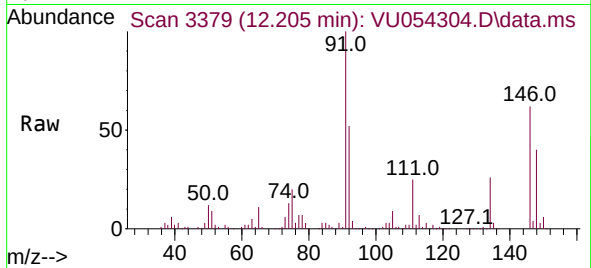




#89
n-Butylbenzene
Concen: 18.457 ug/l
RT: 12.205 min Scan# 3378
Delta R.T. 0.004 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

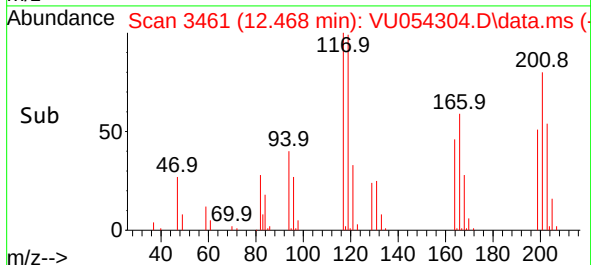
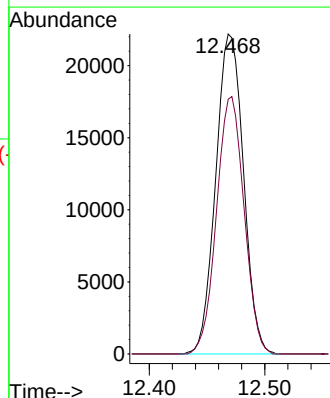
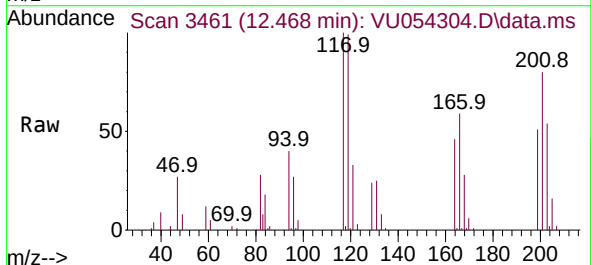
Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

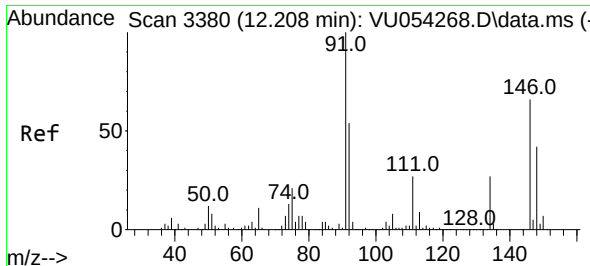
Tgt Ion: 91 Resp: 171218
Ion Ratio Lower Upper
91 100
92 53.3 26.2 78.6
134 25.5 13.5 40.4



#90
Hexachloroethane
Concen: 21.259 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion: 117 Resp: 37064
Ion Ratio Lower Upper
117 100
201 79.8 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 19.970 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

VU0530WBS01

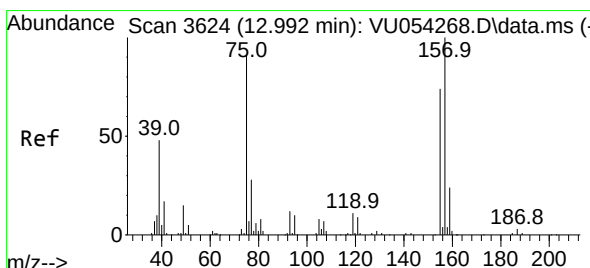
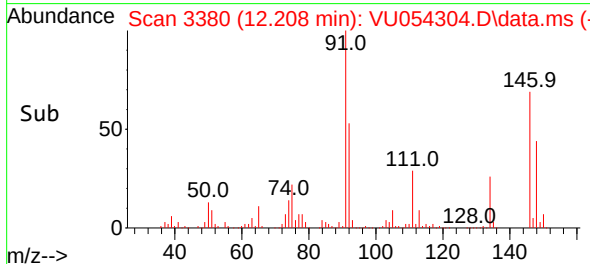
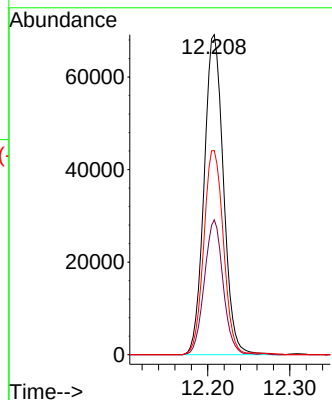
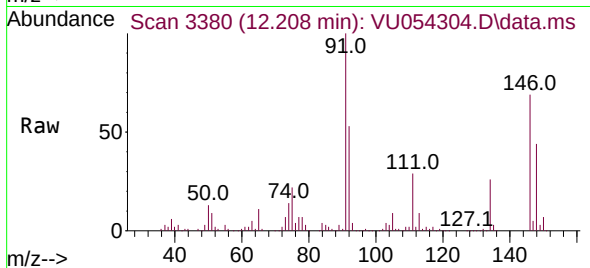
Tgt Ion:146 Resp: 113426

Ion Ratio Lower Upper

146 100

111 40.8 19.9 59.6

148 64.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.193 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU054304.D

Acq: 30 May 2023 11:01

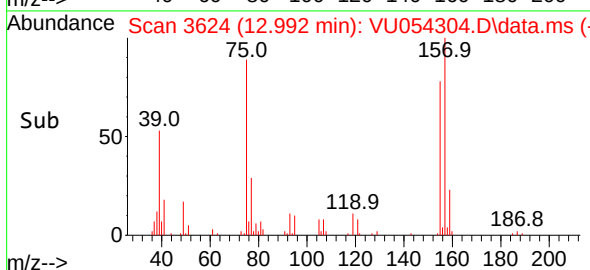
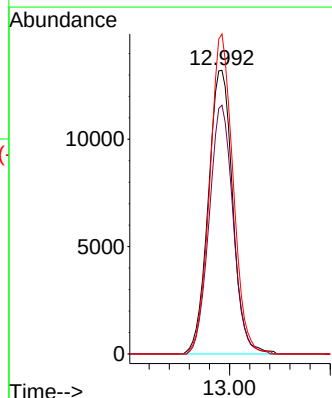
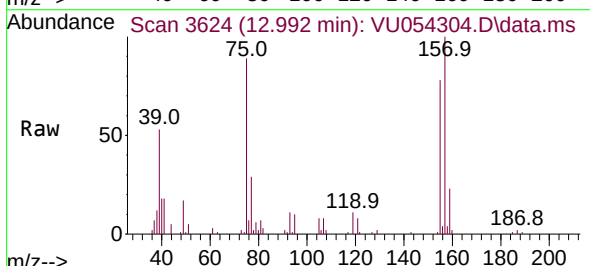
Tgt Ion: 75 Resp: 22238

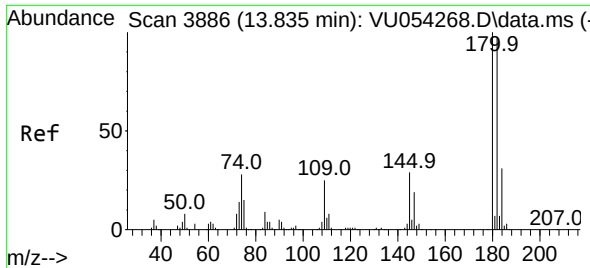
Ion Ratio Lower Upper

75 100

155 85.8 47.8 143.4

157 107.8 62.2 186.5

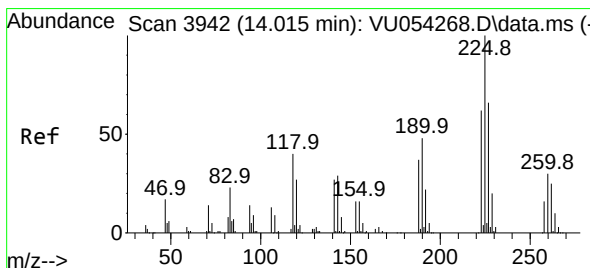
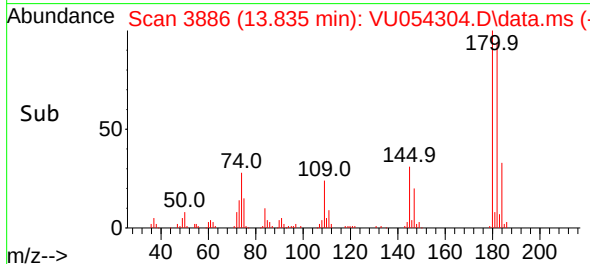
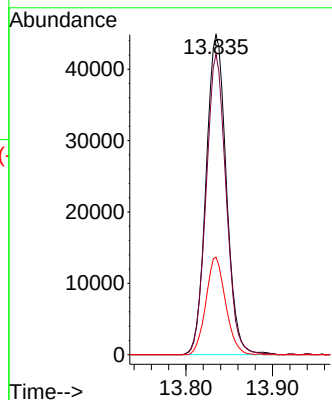
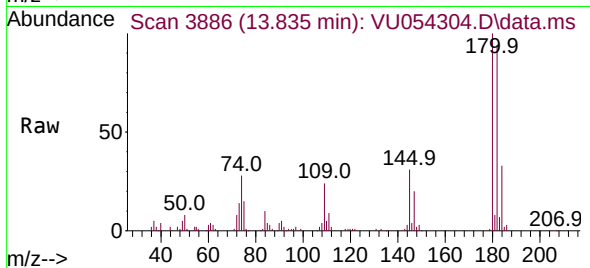




#93
 1,2,4-Trichlorobenzene
 Concen: 19.148 ug/l
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

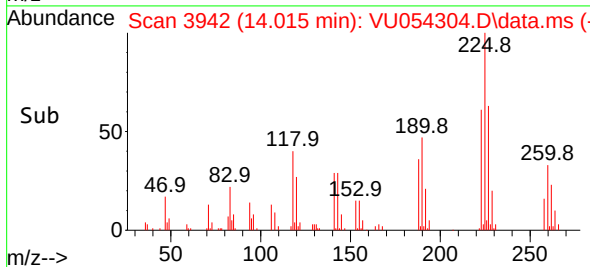
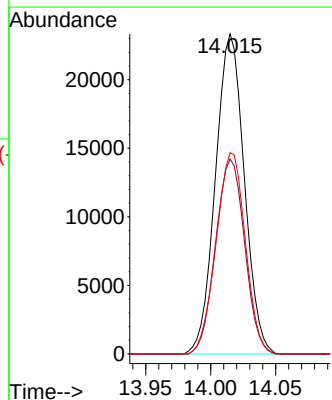
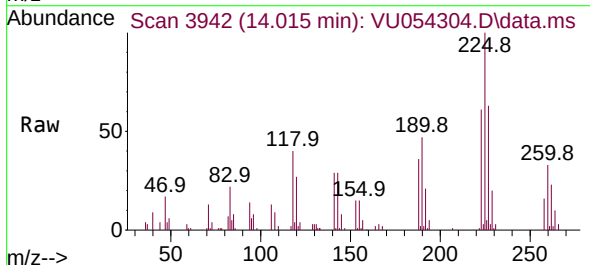
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBS01

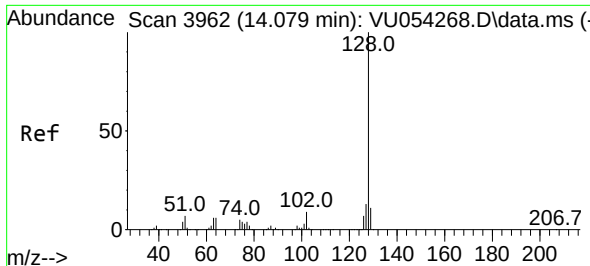
Tgt Ion:180 Resp: 72994
 Ion Ratio Lower Upper
 180 100
 182 92.5 47.9 143.6
 145 29.6 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 19.770 ug/l
 RT: 14.015 min Scan# 3942
 Delta R.T. -0.000 min
 Lab File: VU054304.D
 Acq: 30 May 2023 11:01

Tgt Ion:225 Resp: 36007
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.3 93.9
 227 63.7 32.0 96.2

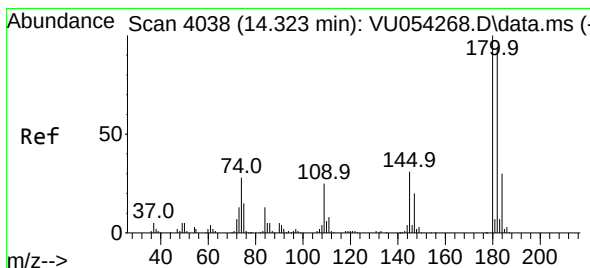
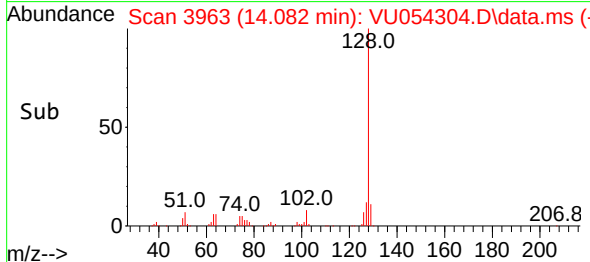
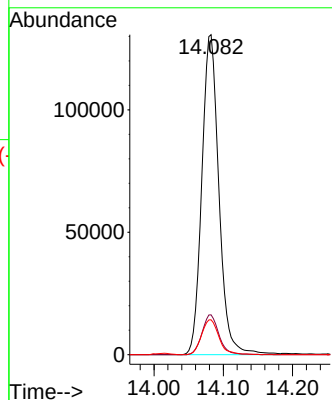
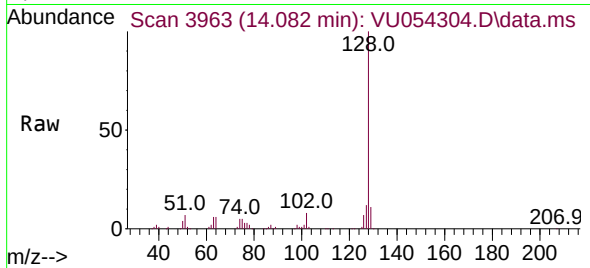




#95
Naphthalene
Concen: 18.572 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Instrument :
MSVOA_U
ClientSampleId :
VU0530WBS01

Tgt Ion:128 Resp: 223939
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.878 ug/l
RT: 14.324 min Scan# 4038
Delta R.T. 0.001 min
Lab File: VU054304.D
Acq: 30 May 2023 11:01

Tgt Ion:180 Resp: 72229
Ion Ratio Lower Upper
180 100
182 96.0 48.4 145.0
145 31.9 14.8 44.4

