

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049477.D
 Acq On : 28 Jun 2022 23:02
 Operator : SY/MD
 Sample : VU0628WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628WBS02

Quant Time: Jun 29 05:23:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	280216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	484115	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	433428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	203458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	194574	45.087	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.180%
35) Dibromofluoromethane	5.289	113	159474	47.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	7.896	98	581177	48.109	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.220%
62) 4-Bromofluorobenzene	10.632	95	213948	46.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	77177	17.140	ug/l	99
3) Chloromethane	1.520	50	85817	15.027	ug/l	100
4) Vinyl Chloride	1.604	62	81204	17.912	ug/l	99
5) Bromomethane	1.851	94	34400	24.403	ug/l	99
6) Chloroethane	1.925	64	43575	21.953	ug/l	100
7) Trichlorofluoromethane	2.134	101	98179	16.993	ug/l	94
8) Diethyl Ether	2.376	74	41199	19.741	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.578	101	58754	18.901	ug/l	96
10) Methyl Iodide	2.720	142	79296	29.570	ug/l	96
11) Tert butyl alcohol	3.353	59	4090	4.049	ug/l #	1
12) 1,1-Dichloroethene	2.578	96	59267	19.473	ug/l	91
13) Acrolein	2.485	56	42533	62.179	ug/l	98
14) Allyl chloride	2.922	41	114162	18.560	ug/l #	87
15) Acrylonitrile	3.314	53	241560	99.435	ug/l	99
16) Acetone	2.633	43	195911	90.021	ug/l	99
17) Carbon Disulfide	2.790	76	167891	17.689	ug/l	99
18) Methyl Acetate	2.951	43	108892	18.484	ug/l	93
19) Methyl tert-butyl Ether	3.363	73	224559	19.838	ug/l	99
20) Methylene Chloride	3.044	84	80100	21.690	ug/l	92
21) trans-1,2-Dichloroethene	3.353	96	63892	19.474	ug/l	94
22) Diisopropyl ether	3.990	45	229666	19.556	ug/l	88
23) Vinyl Acetate	3.954	43	989879	96.166	ug/l	95
24) 1,1-Dichloroethane	3.867	63	127971	18.970	ug/l	98
25) 2-Butanone	4.703	43	321996	98.727	ug/l	96
26) 2,2-Dichloropropane	4.665	77	78885	14.050	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	75286	19.861	ug/l	93
28) Bromochloromethane	4.973	49	55774	18.915	ug/l	82
29) Tetrahydrofuran	5.054	42	215615	96.368	ug/l	89
30) Chloroform	5.086	83	126517	18.960	ug/l	98
31) Cyclohexane	5.388	56	121990	18.826	ug/l	90
32) 1,1,1-Trichloroethane	5.318	97	107542	18.574	ug/l	98
36) 1,1-Dichloropropene	5.527	75	90350	18.397	ug/l	97
37) Ethyl Acetate	4.803	43	122356	18.233	ug/l	95
38) Carbon Tetrachloride	5.523	117	91036	17.675	ug/l	98
39) Methylcyclohexane	6.761	83	106782	18.140	ug/l	92
40) Benzene	5.774	78	282097	19.026	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	63257	18.812	ug/l #	91
42) 1,2-Dichloroethane	5.793	62	98918	17.925	ug/l	100
43) Isopropyl Acetate	5.912	43	181897	18.498	ug/l	97
44) Trichloroethene	6.543	130	66814	18.956	ug/l	87
45) 1,2-Dichloropropane	6.790	63	76394	18.594	ug/l	99
46) Dibromomethane	6.919	93	50245	18.343	ug/l	93
47) Bromodichloromethane	7.105	83	95178	18.053	ug/l	99
48) Methyl methacrylate	6.961	41	86173	18.700	ug/l	89
49) 1,4-Dioxane	6.989	88	49306	417.630	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	610751	92.806	ug/l	96
52) Toluene	7.970	92	169665	19.252	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	100360	17.746	ug/l	97
54) cis-1,3-Dichloropropene	7.607	75	111249	18.424	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	70353	19.308	ug/l	97
56) Ethyl methacrylate	8.333	69	120155	19.716	ug/l	93
57) 1,3-Dichloropropane	8.575	76	121549	18.805	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	60692	133.819	ug/l	96
59) 2-Hexanone	8.684	43	471907	91.187	ug/l	95
60) Dibromochloromethane	8.809	129	70922	18.718	ug/l	100
61) 1,2-Dibromoethane	8.922	107	75151	18.926	ug/l	98
64) Tetrachloroethene	8.552	164	53602	19.281	ug/l	92
65) Chlorobenzene	9.446	112	171710	19.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	64128	19.185	ug/l	99
67) Ethyl Benzene	9.571	91	315342	19.385	ug/l	98
68) m/p-Xylenes	9.694	106	239268	39.753	ug/l	92
69) o-Xylene	10.099	106	119773	20.045	ug/l	90
70) Styrene	10.115	104	191061	19.900	ug/l	96
71) Bromoform	10.292	173	53311	18.595	ug/l #	98
73) Isopropylbenzene	10.485	105	308147	21.261	ug/l	96
74) N-amyl acetate	10.321	43	153123	19.962	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.784	83	123086	20.048	ug/l	98
76) 1,2,3-Trichloropropane	10.822	75	131700	19.095	ug/l	100
77) Bromobenzene	10.780	156	73678	20.826	ug/l	88
78) n-propylbenzene	10.906	91	354027	20.102	ug/l	97
79) 2-Chlorotoluene	10.986	91	217015	20.001	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	259568	20.514	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	31048	16.624	ug/l	92
82) 4-Chlorotoluene	11.095	91	240766	19.730	ug/l	94
83) tert-Butylbenzene	11.420	119	255387	20.521	ug/l	93
84) 1,2,4-Trimethylbenzene	11.468	105	257359	20.704	ug/l	94
85) sec-Butylbenzene	11.642	105	315027	20.133	ug/l	96
86) p-Isopropyltoluene	11.793	119	253410	20.026	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	132271	19.556	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	130208	19.154	ug/l	96
89) n-Butylbenzene	12.208	91	211803	18.082	ug/l	98
90) Hexachloroethane	12.475	117	44134	17.511	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	133204	19.601	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	29359	18.649	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	81966	19.096	ug/l	98
94) Hexachlorobutadiene	14.021	225	35473	16.827	ug/l	100
95) Naphthalene	14.086	128	315952	20.883	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	85243	18.930	ug/l	97

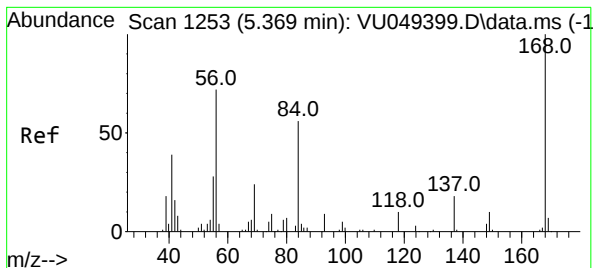
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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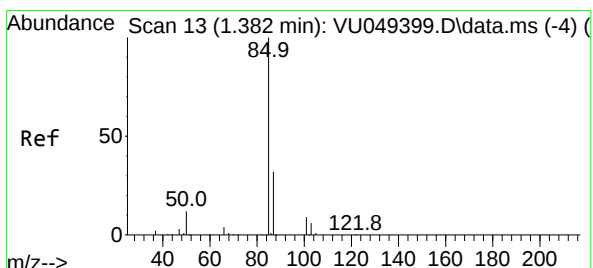
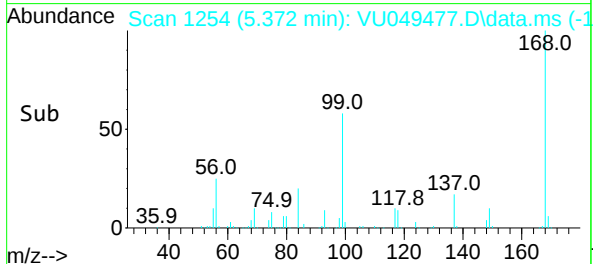
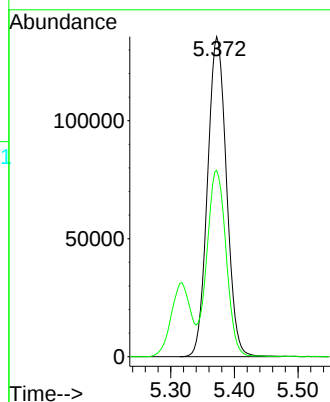
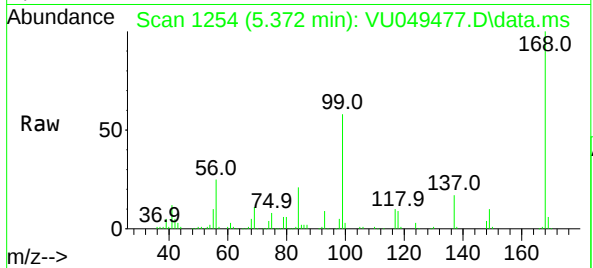
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

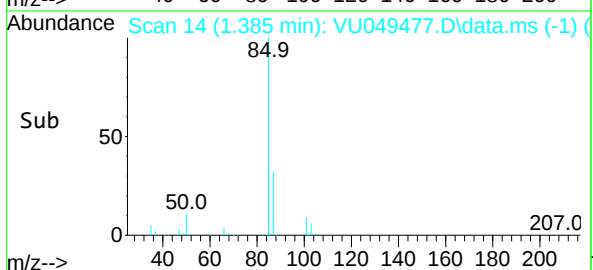
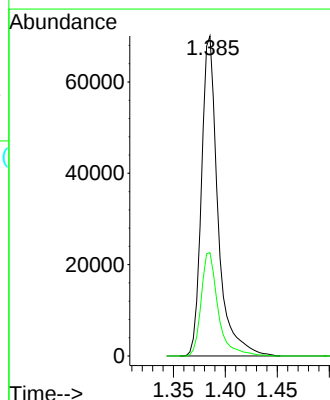
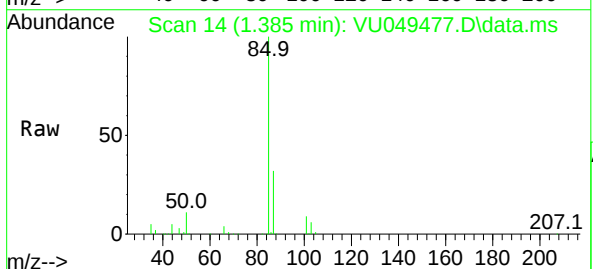
Instrument :
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VU0628WBS02

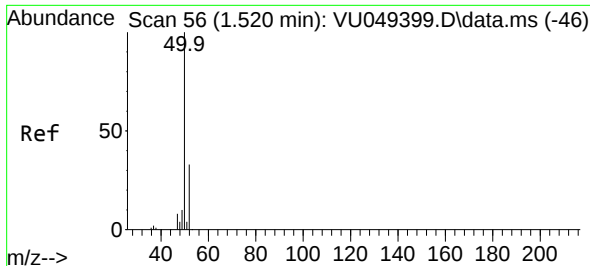
Tgt Ion:168 Resp: 280216
Ion Ratio Lower Upper
168 100
99 58.2 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 17.140 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

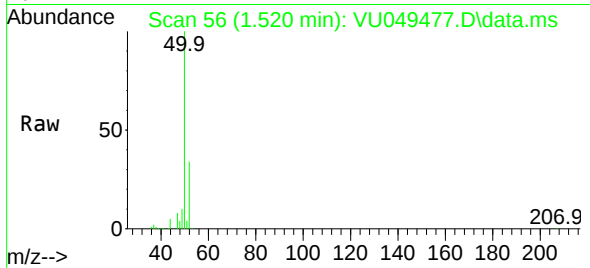
Tgt Ion: 85 Resp: 77177
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.2



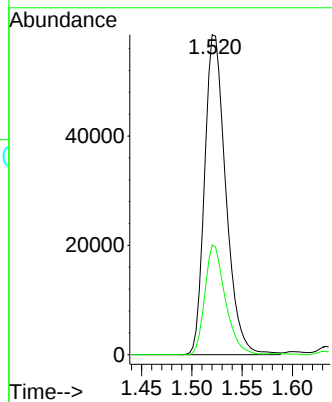
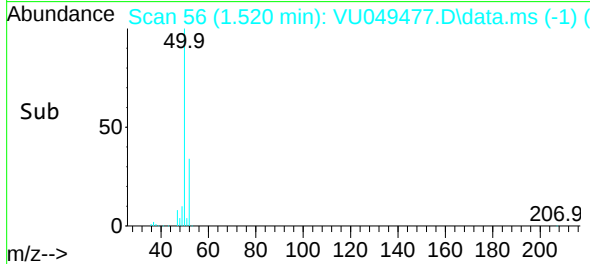


#3
Chloromethane
Concen: 15.027 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

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MSVOA_U
ClientSampleId :
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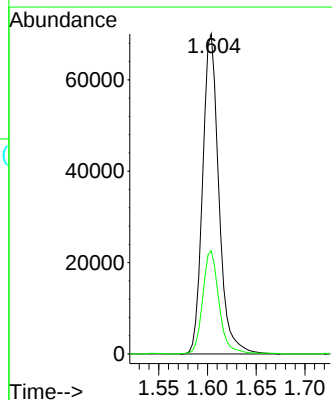
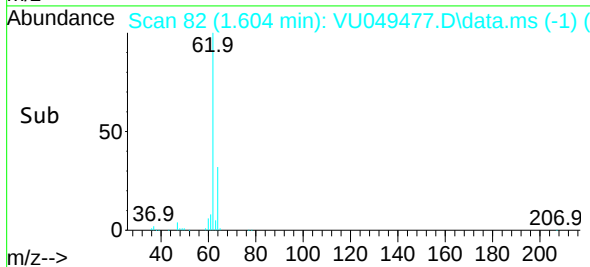
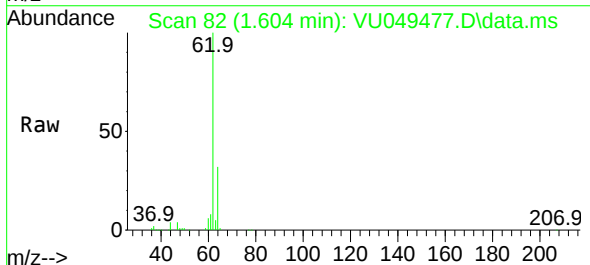


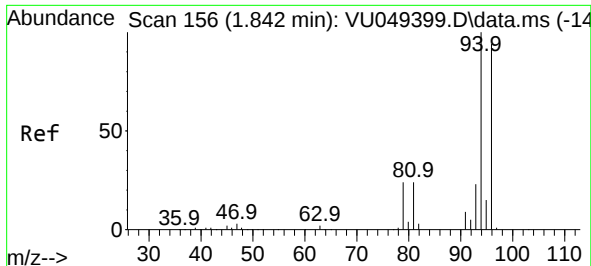
Tgt Ion: 50 Resp: 85817
Ion Ratio Lower Upper
50 100
52 34.3 27.4 41.2



#4
Vinyl Chloride
Concen: 17.912 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 62 Resp: 81204
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9

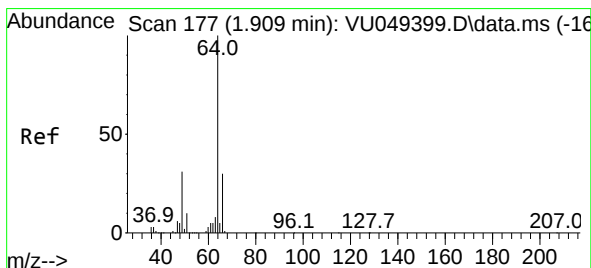
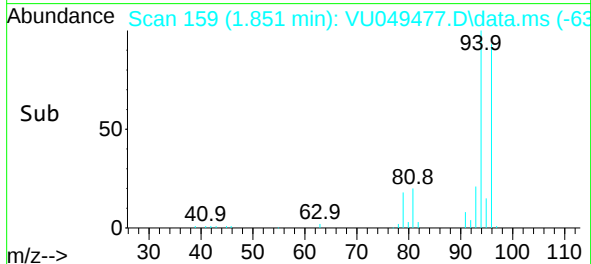
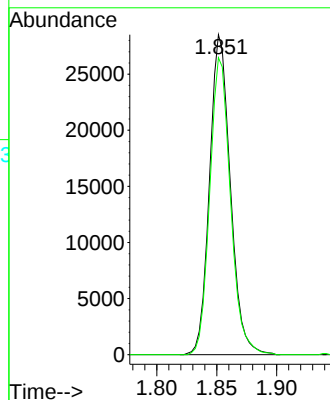
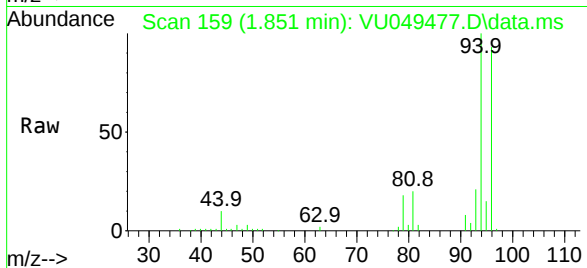




#5
Bromomethane
Concen: 24.403 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

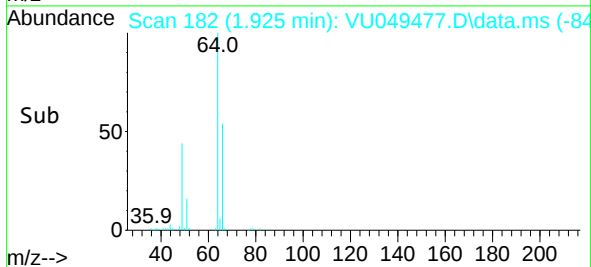
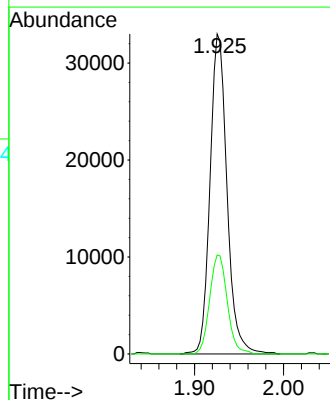
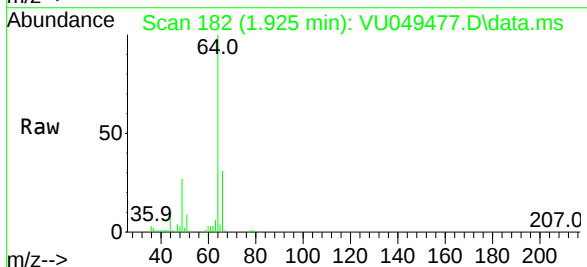
Instrument :
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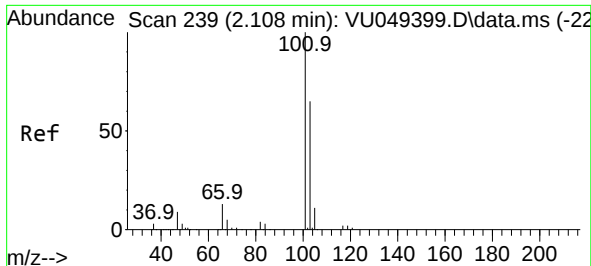
Tgt Ion: 94 Resp: 34400
Ion Ratio Lower Upper
94 100
96 92.8 73.7 110.5



#6
Chloroethane
Concen: 21.953 ug/l
RT: 1.925 min Scan# 182
Delta R.T. 0.016 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 64 Resp: 43575
Ion Ratio Lower Upper
64 100
66 31.0 24.7 37.1

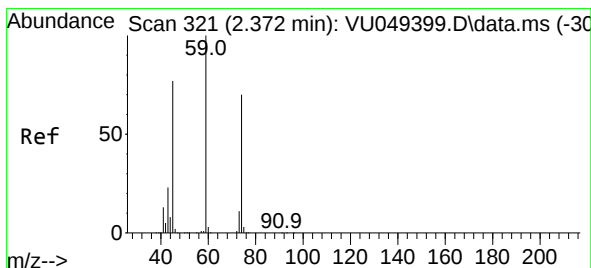
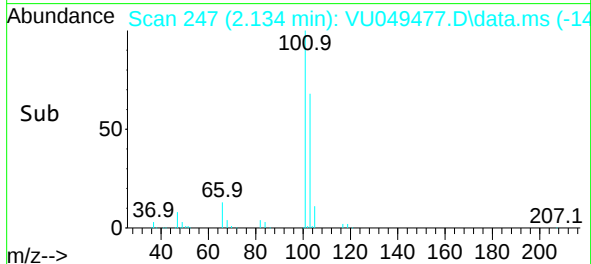
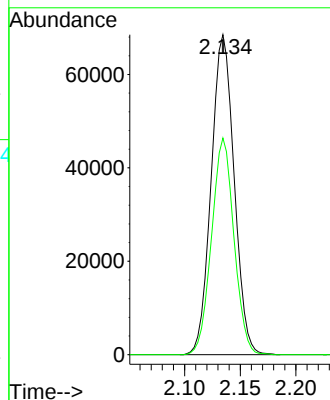
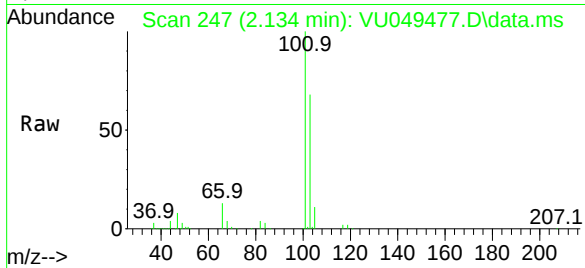




#7
 Trichlorofluoromethane
 Concen: 16.993 ug/l
 RT: 2.134 min Scan# 24
 Delta R.T. 0.026 min
 Lab File: VU049477.D
 Acq: 28 Jun 2022 23:02

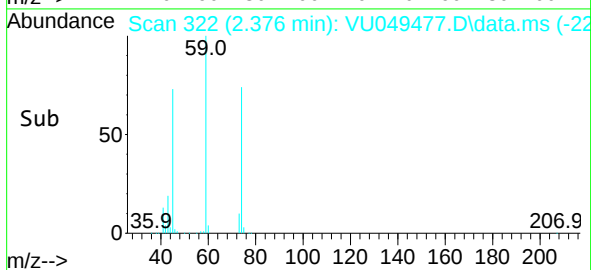
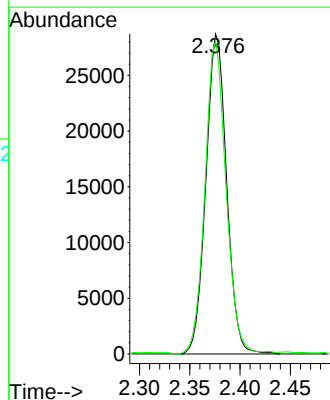
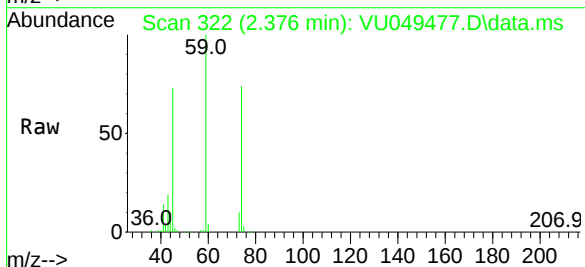
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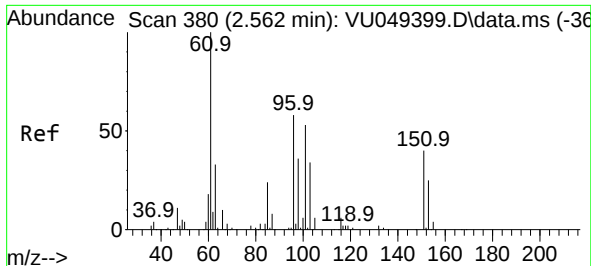
Tgt Ion:101 Resp: 98179
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.6 75.8



#8
 Diethyl Ether
 Concen: 19.741 ug/l
 RT: 2.376 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VU049477.D
 Acq: 28 Jun 2022 23:02

Tgt Ion: 74 Resp: 41199
 Ion Ratio Lower Upper
 74 100
 45 99.1 44.4 133.2

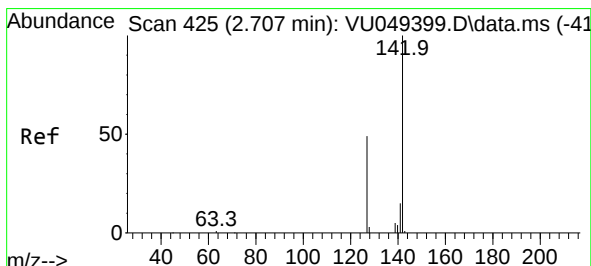
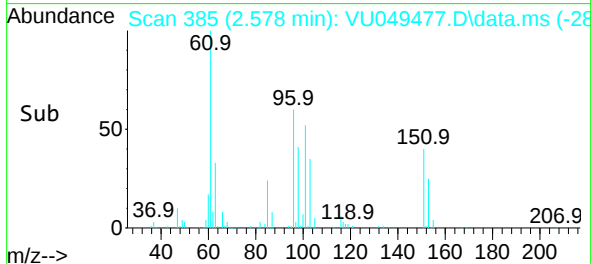
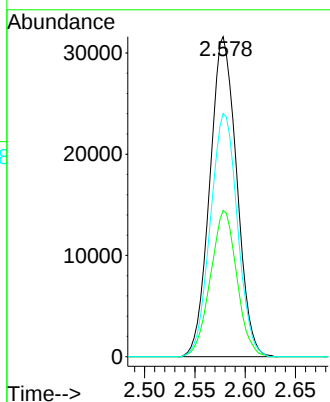
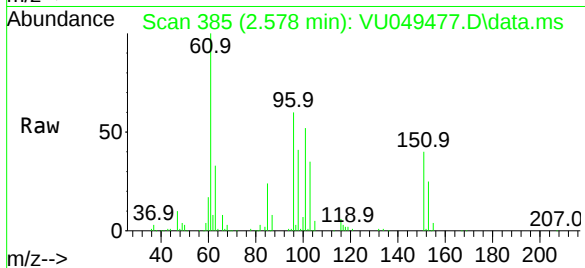




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.901 ug/l
RT: 2.578 min Scan# 380
Delta R.T. 0.016 min
Lab File: VU049477.D
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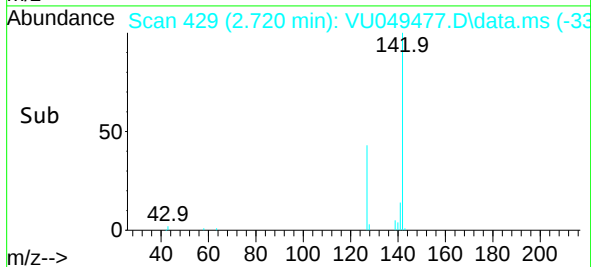
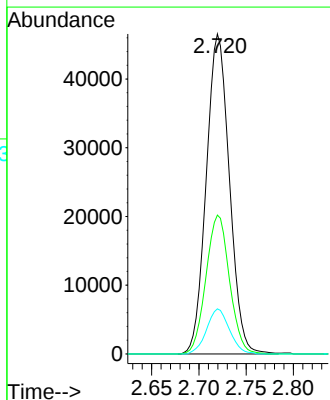
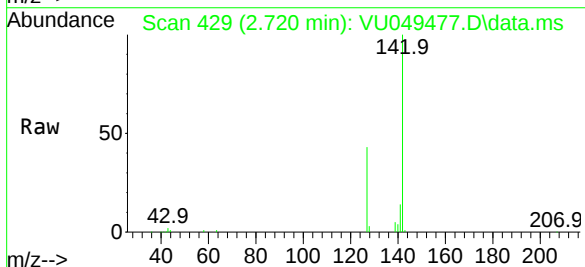
Instrument :
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ClientSampleId :
VU0628WBS02

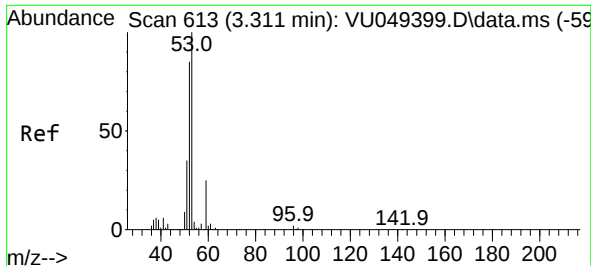
Tgt Ion:101 Resp: 58754
Ion Ratio Lower Upper
101 100
85 44.9 33.9 50.9
151 76.6 64.0 96.0



#10
Methyl Iodide
Concen: 29.570 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion:142 Resp: 79296
Ion Ratio Lower Upper
142 100
127 44.1 32.5 48.7
141 13.9 11.4 17.0

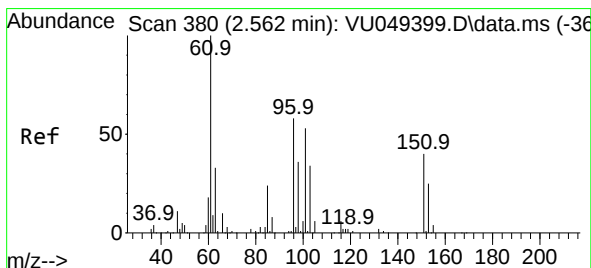
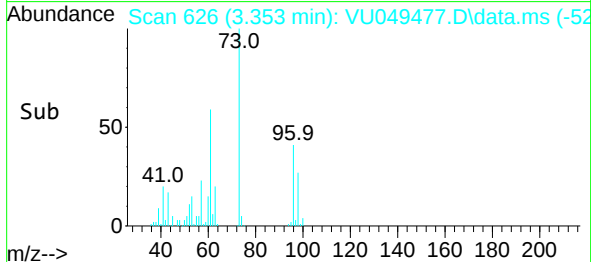
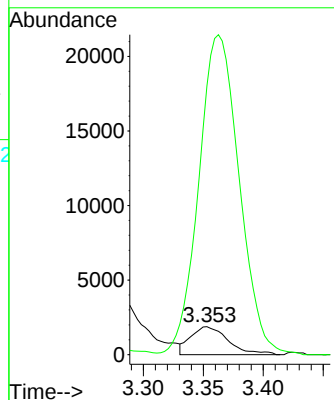
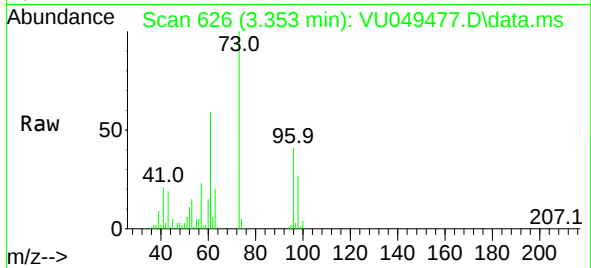




#11
Tert butyl alcohol
Concen: 4.049 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.042 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

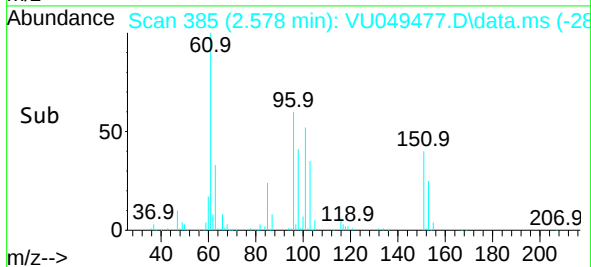
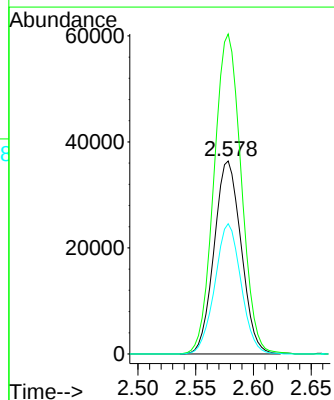
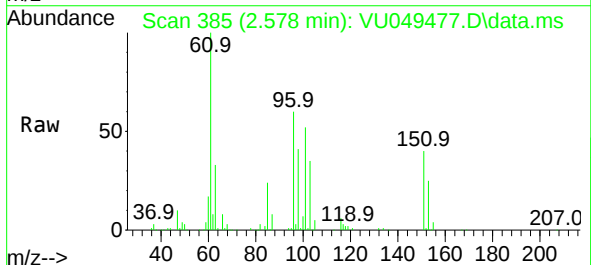
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

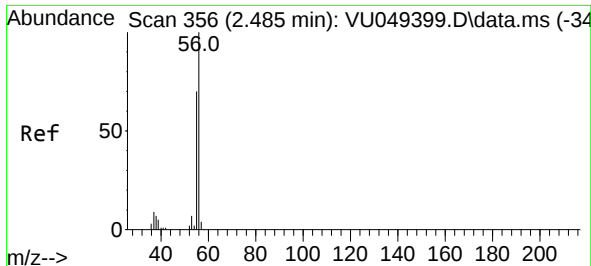
Tgt Ion: 59 Resp: 4090
Ion Ratio Lower Upper
59 100
57 1233.0 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 19.473 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 96 Resp: 59267
Ion Ratio Lower Upper
96 100
61 165.8 122.2 183.2
98 67.5 50.7 76.1





#13

Acrolein

Concen: 62.179 ug/l

RT: 2.485 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

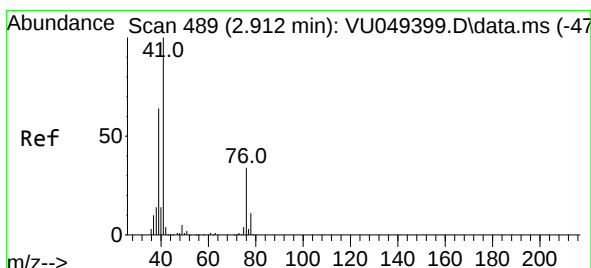
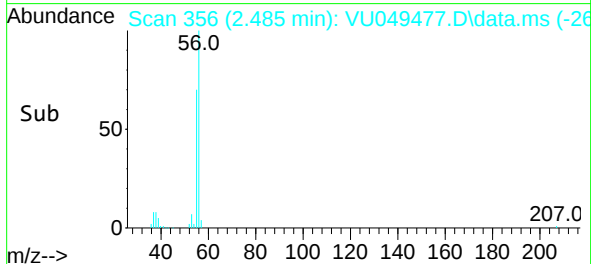
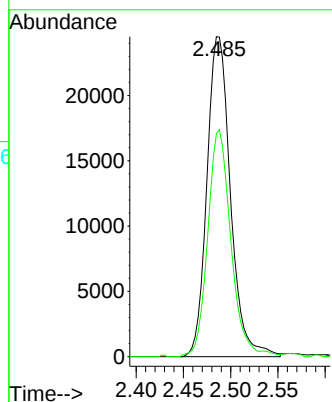
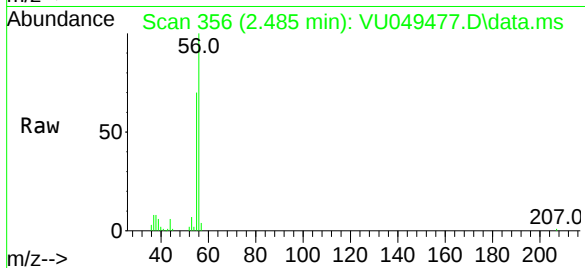
VU0628WBS02

Tgt Ion: 56 Resp: 42533

Ion Ratio Lower Upper

56 100

55 69.6 56.6 85.0



#14

Allyl chloride

Concen: 18.560 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.010 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

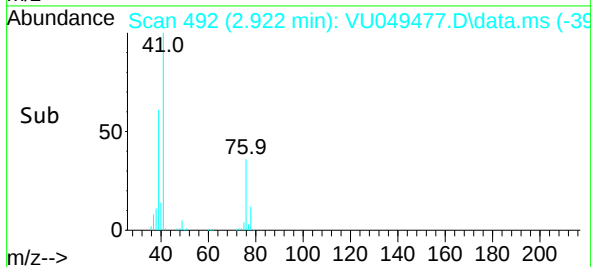
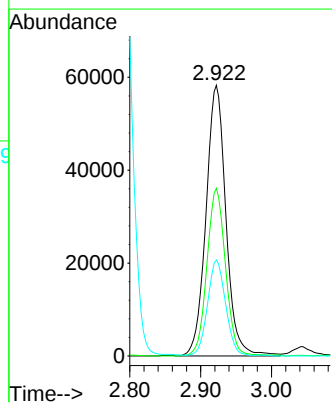
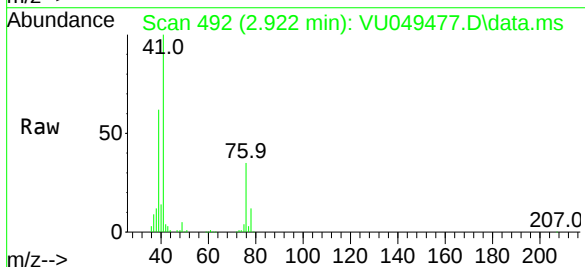
Tgt Ion: 41 Resp: 114162

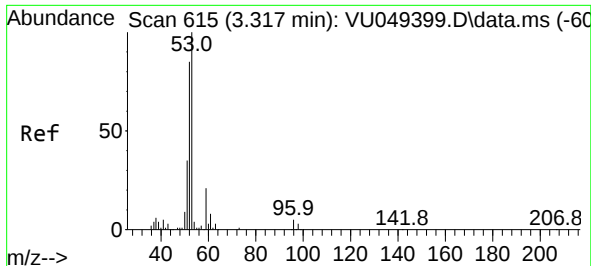
Ion Ratio Lower Upper

41 100

39 57.8 53.4 80.2

76 31.6 33.8 50.6#

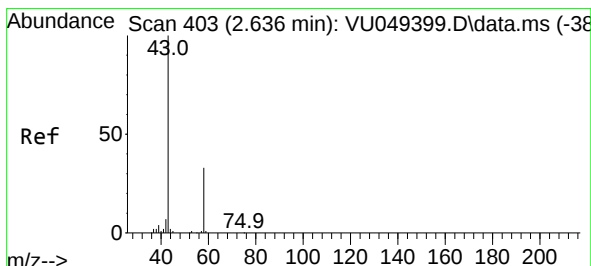
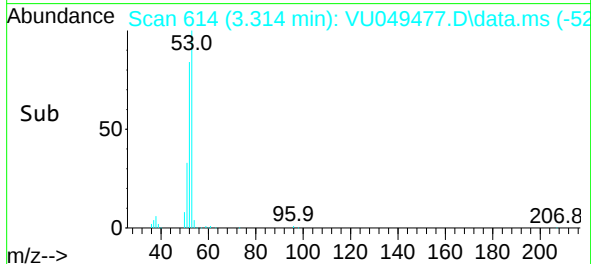
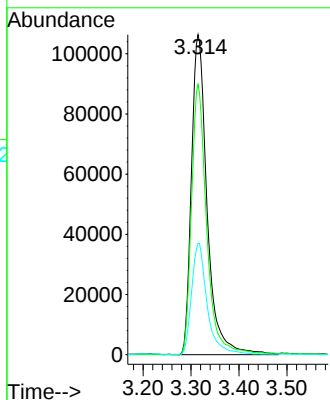
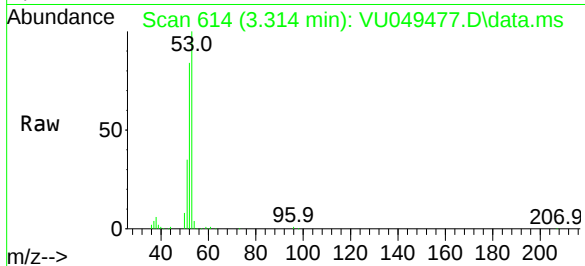




#15
Acrylonitrile
Concen: 99.435 ug/l
RT: 3.314 min Scan# 615
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

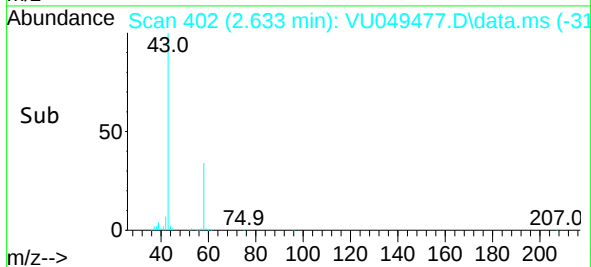
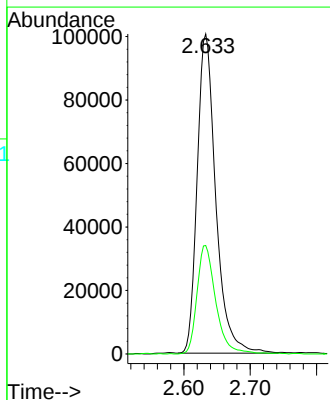
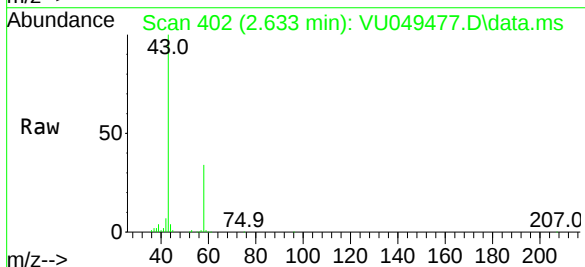
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

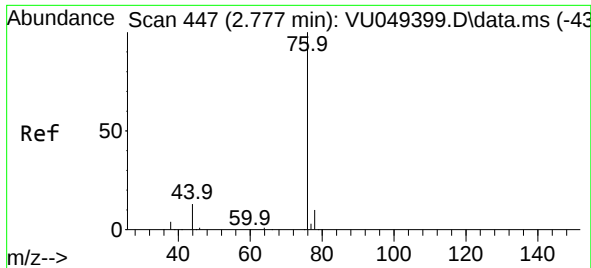
Tgt Ion: 53 Resp: 241560
Ion Ratio Lower Upper
53 100
52 81.2 65.7 98.5
51 34.3 28.2 42.4



#16
Acetone
Concen: 90.021 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 43 Resp: 195911
Ion Ratio Lower Upper
43 100
58 34.0 27.5 41.3

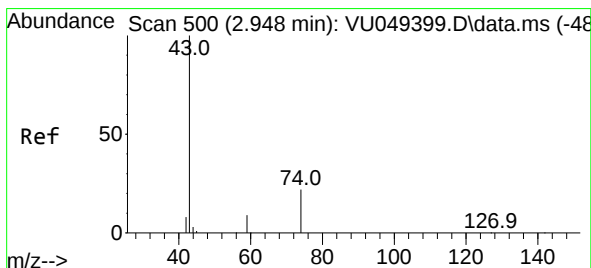
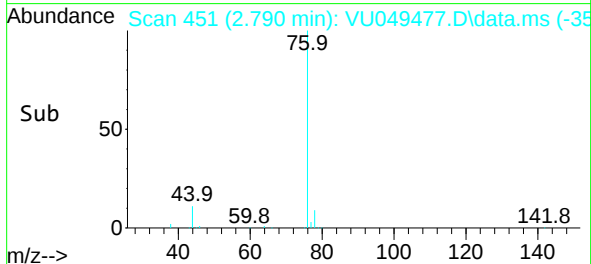
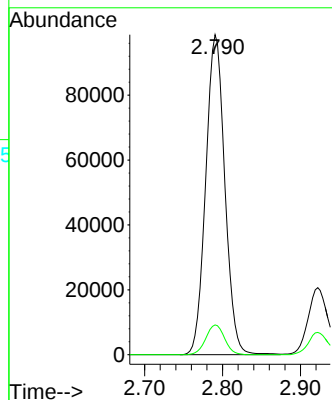
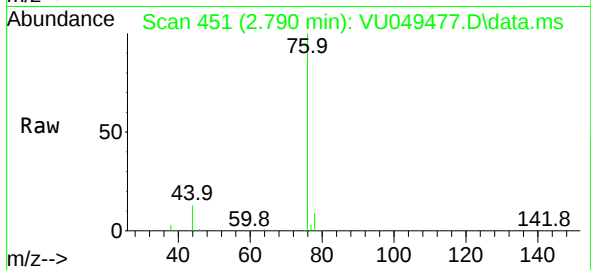




#17
Carbon Disulfide
Concen: 17.689 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.013 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

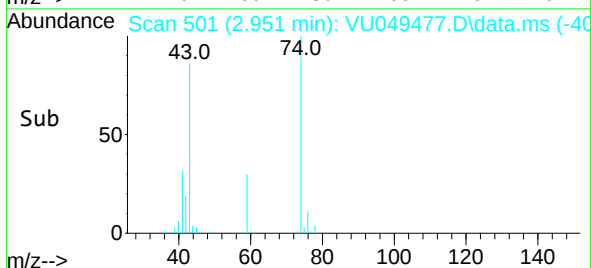
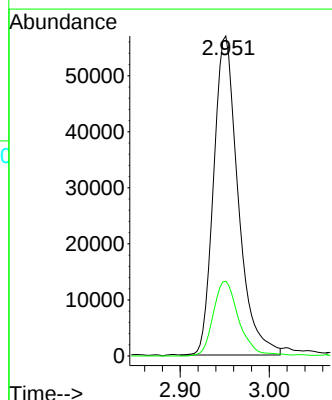
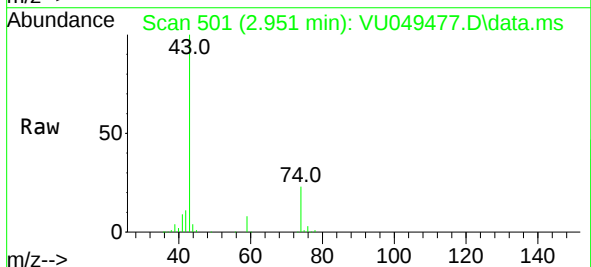
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

Tgt Ion: 76 Resp: 167891
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 18.484 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 43 Resp: 108892
Ion Ratio Lower Upper
43 100
74 24.5 22.5 33.7

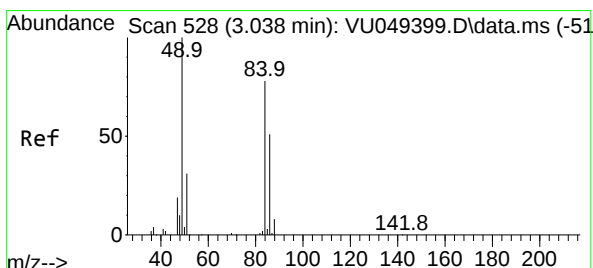
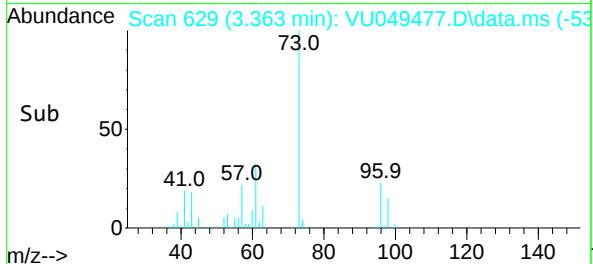
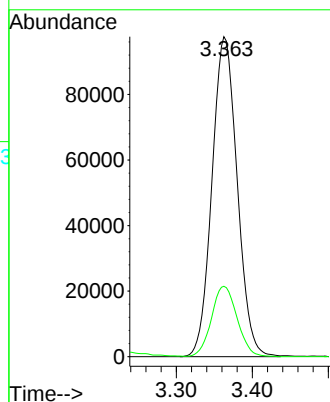
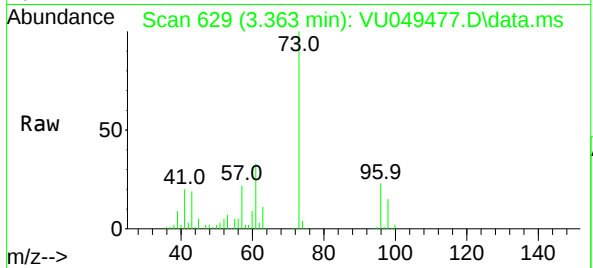




#19
Methyl tert-butyl Ether
Concen: 19.838 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

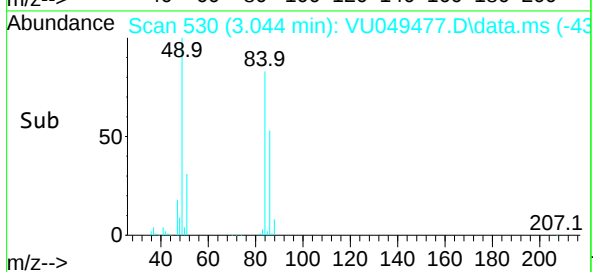
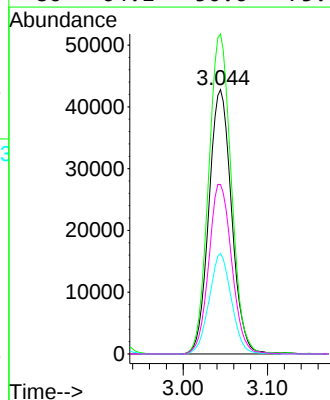
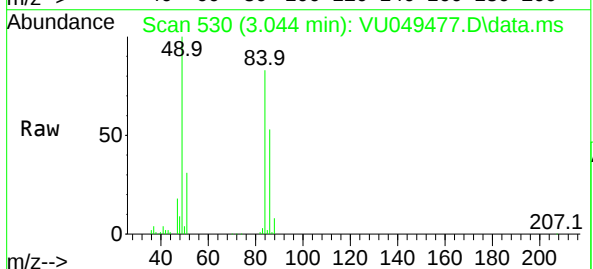
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

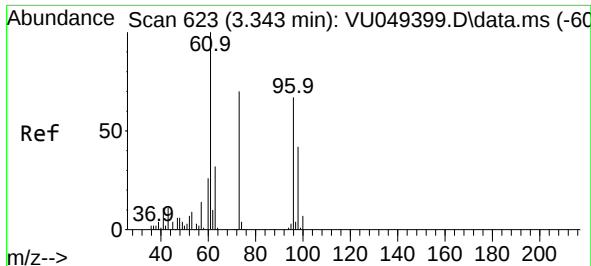
Tgt Ion: 73 Resp: 224559
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 21.690 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.007 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 84 Resp: 80100
Ion Ratio Lower Upper
84 100
49 121.1 86.6 129.8
51 38.1 26.6 40.0
86 64.1 50.6 75.8

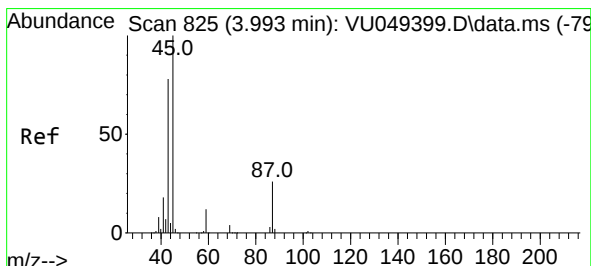
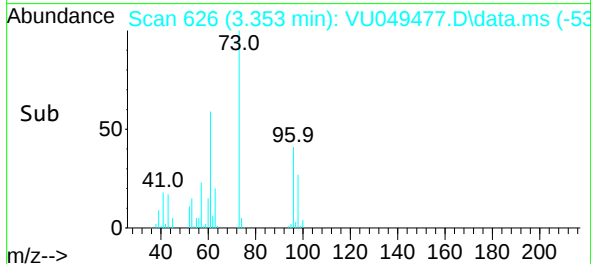
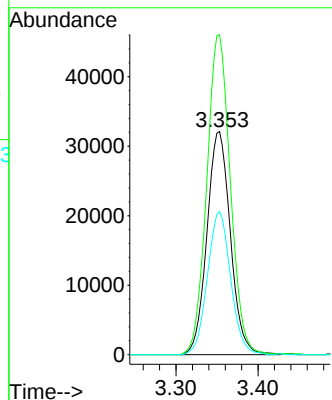
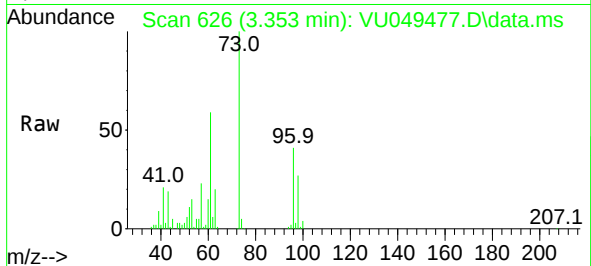




#21
trans-1,2-Dichloroethene
Concen: 19.474 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

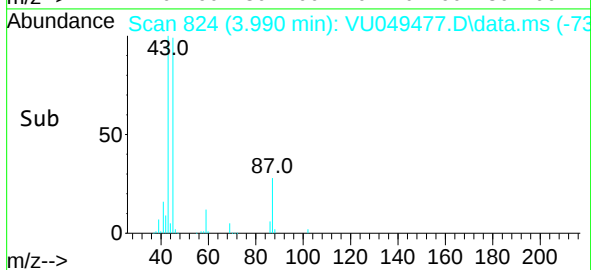
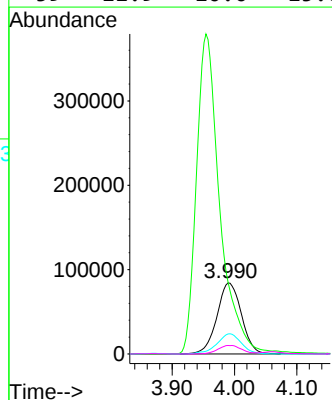
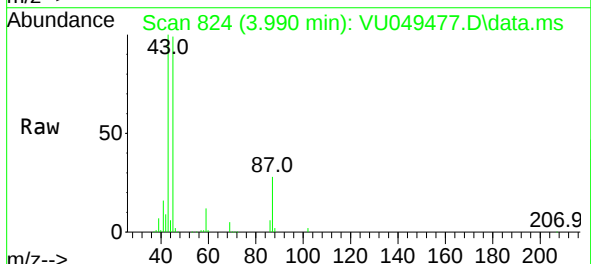
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

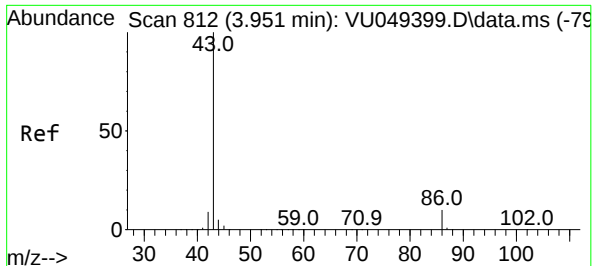
Tgt Ion: 96 Resp: 63892
Ion Ratio Lower Upper
96 100
61 143.4 106.1 159.1
98 64.1 50.8 76.2



#22
Diisopropyl ether
Concen: 19.556 ug/l
RT: 3.990 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 45 Resp: 229666
Ion Ratio Lower Upper
45 100
43 99.9 92.9 139.3
87 28.1 26.2 39.2
59 11.9 10.0 15.0

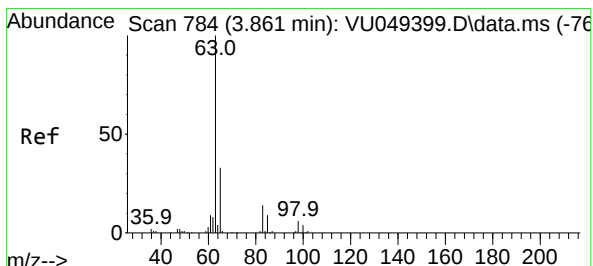
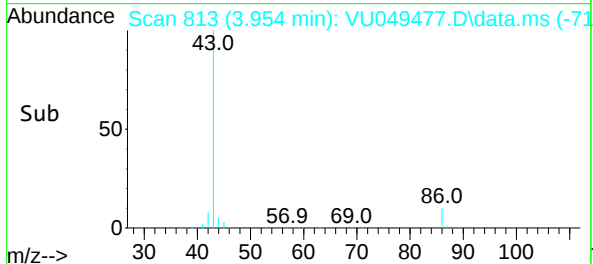
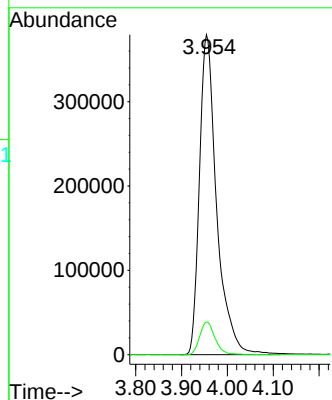
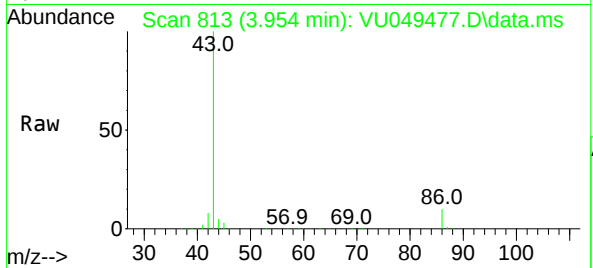




#23
 Vinyl Acetate
 Concen: 96.166 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049477.D
 Acq: 28 Jun 2022 23:02

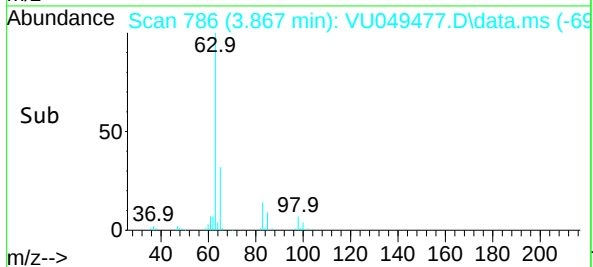
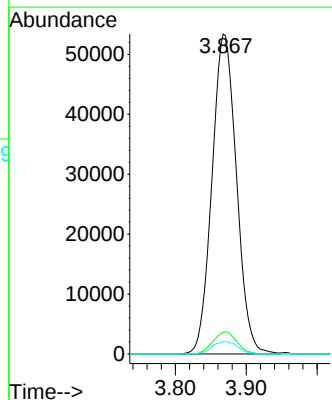
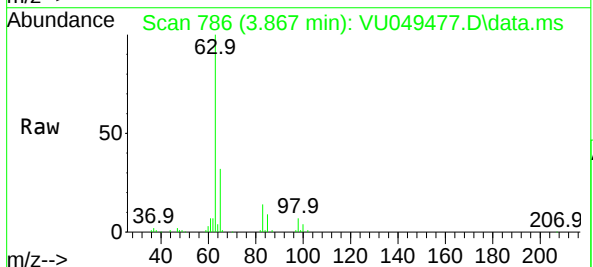
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628WBS02

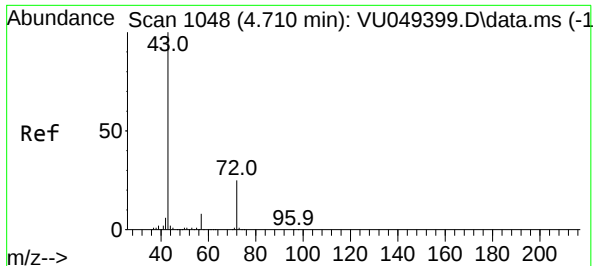
Tgt Ion: 43 Resp: 989879
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 18.970 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.007 min
 Lab File: VU049477.D
 Acq: 28 Jun 2022 23:02

Tgt Ion: 63 Resp: 127971
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.0 2.4 7.2





#25

2-Butanone

Concen: 98.727 ug/l

RT: 4.703 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

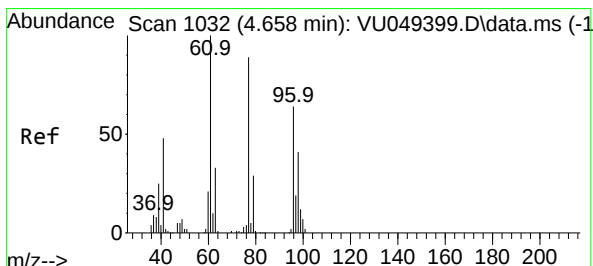
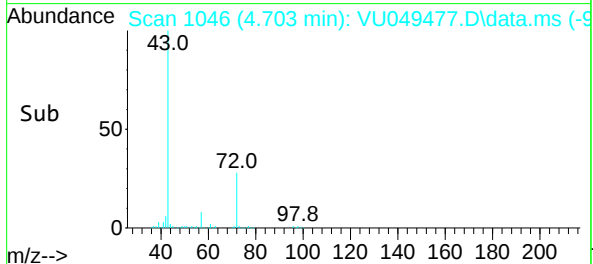
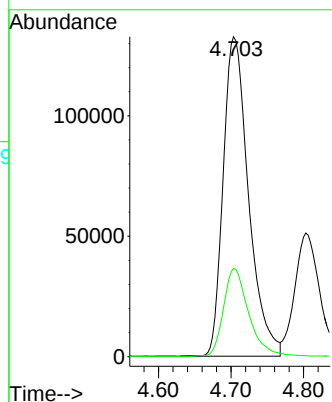
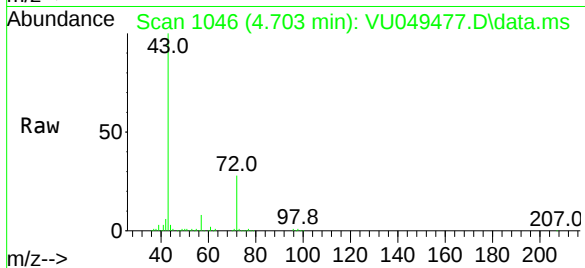
VU0628WBS02

Tgt Ion: 43 Resp: 321996

Ion Ratio Lower Upper

43 100

72 27.6 23.8 35.6



#26

2,2-Dichloropropane

Concen: 14.050 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.007 min

Lab File: VU049477.D

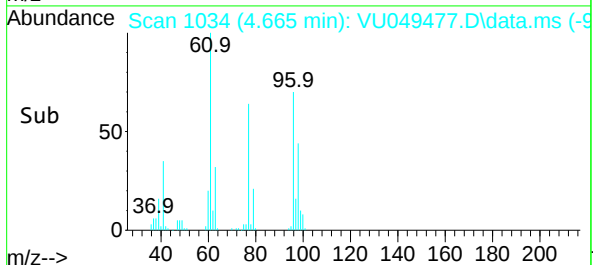
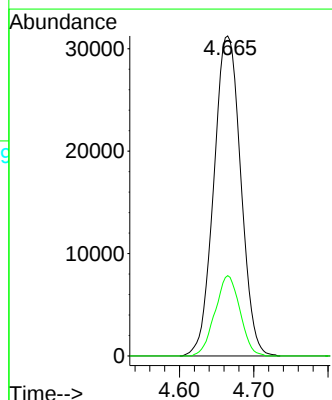
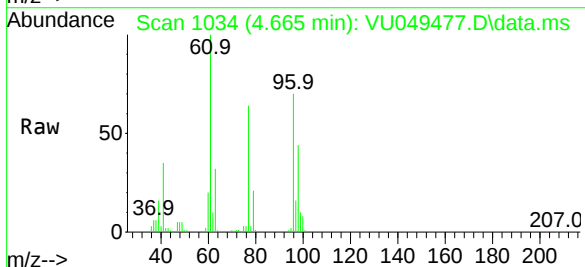
Acq: 28 Jun 2022 23:02

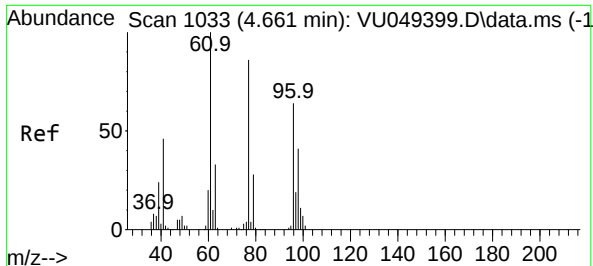
Tgt Ion: 77 Resp: 78885

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.861 ug/l

RT: 4.668 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBS02

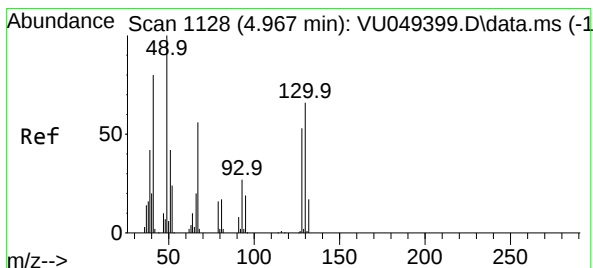
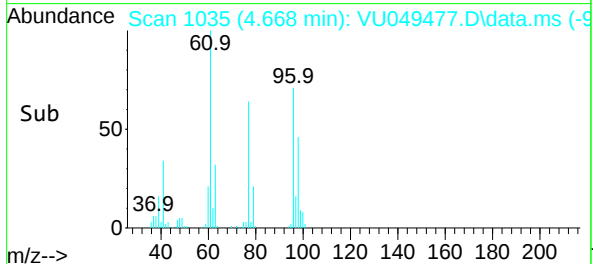
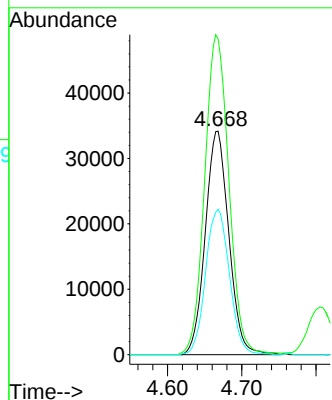
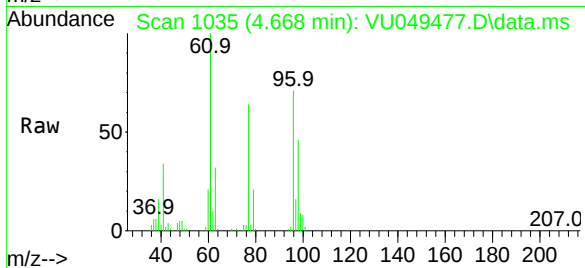
Tgt Ion: 96 Resp: 75286

Ion Ratio Lower Upper

96 100

61 147.0 0.0 271.6

98 65.9 0.0 128.2



#28

Bromochloromethane

Concen: 18.915 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

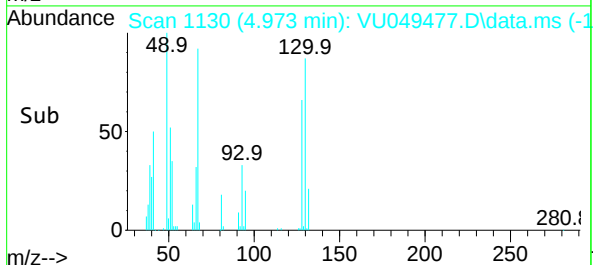
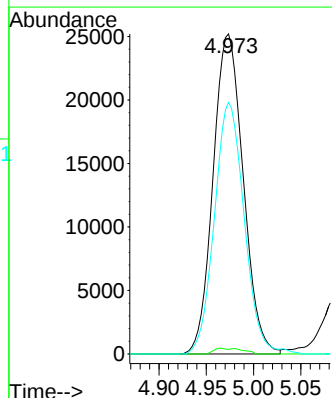
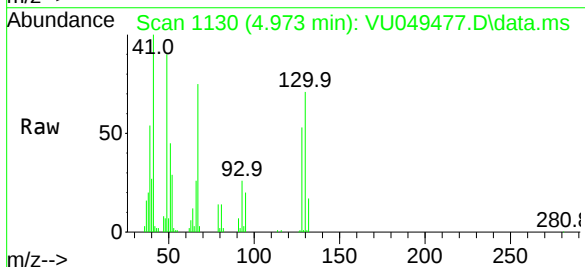
Tgt Ion: 49 Resp: 55774

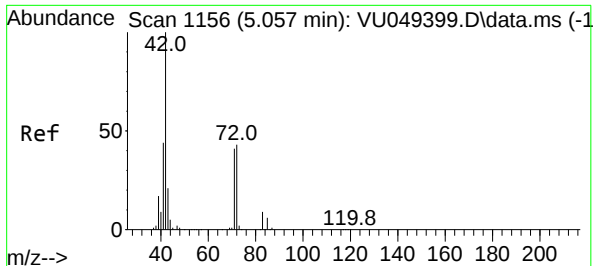
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.6

130 78.0 76.9 115.3

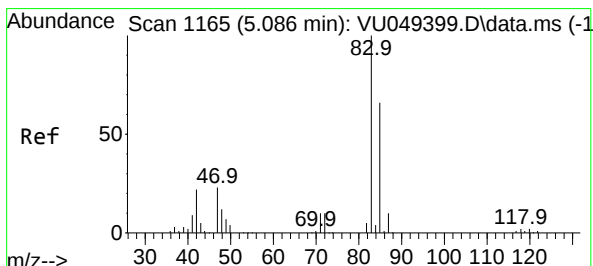
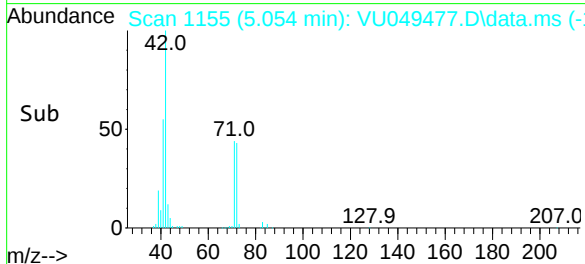
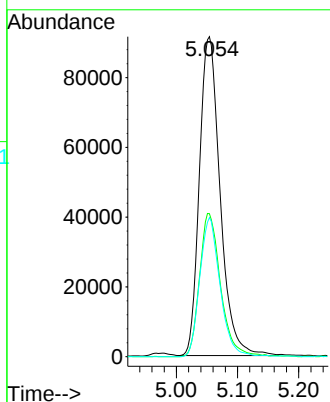
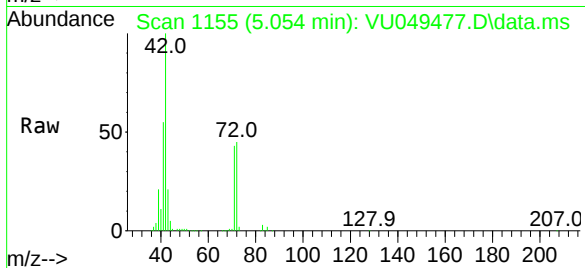




#29
Tetrahydrofuran
Concen: 96.368 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

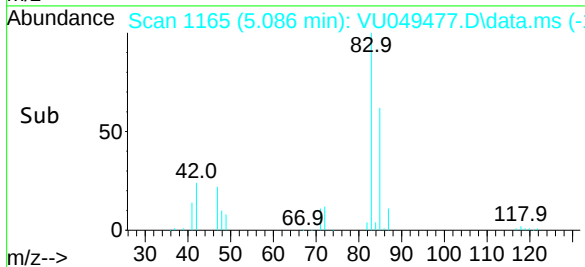
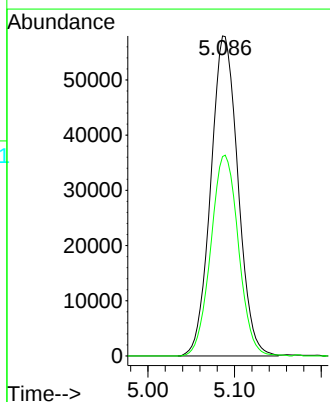
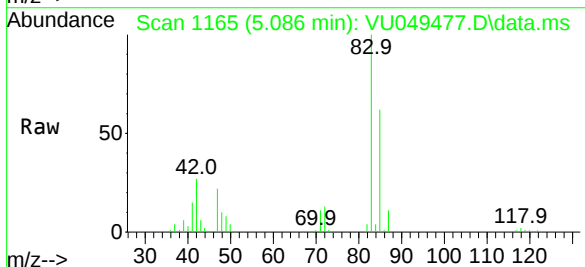
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

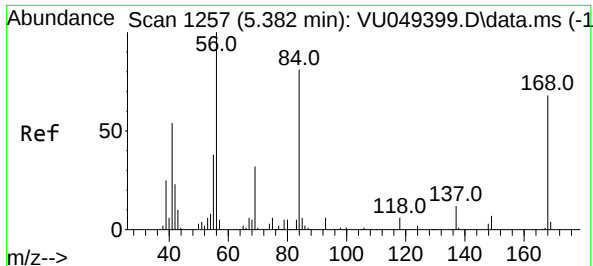
Tgt Ion: 42 Resp: 215615
Ion Ratio Lower Upper
42 100
72 45.4 42.6 63.8
71 42.4 40.3 60.5



#30
Chloroform
Concen: 18.960 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

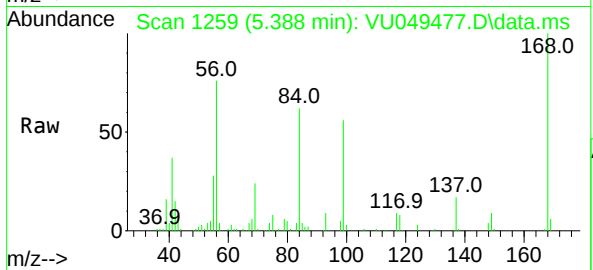
Tgt Ion: 83 Resp: 126517
Ion Ratio Lower Upper
83 100
85 62.3 51.2 76.8



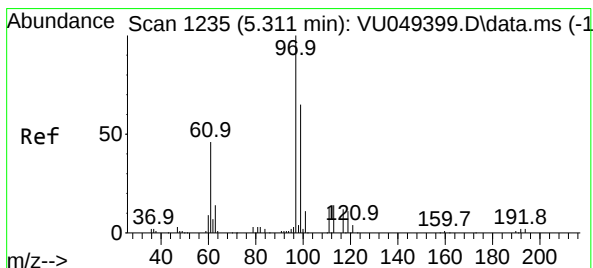
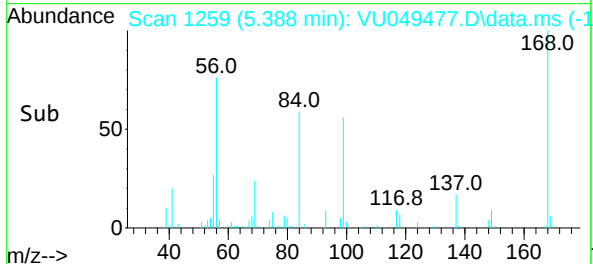
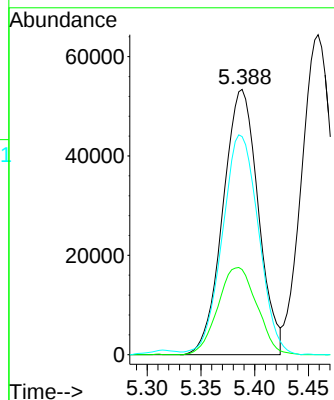


#31
Cyclohexane
Concen: 18.826 ug/l
RT: 5.388 min Scan# 1257
Delta R.T. 0.007 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

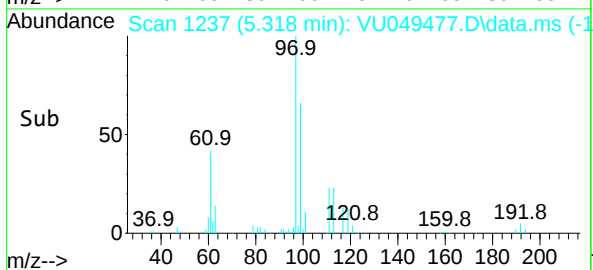
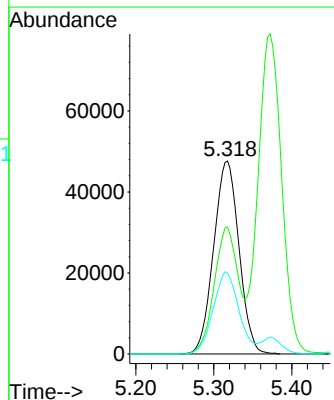
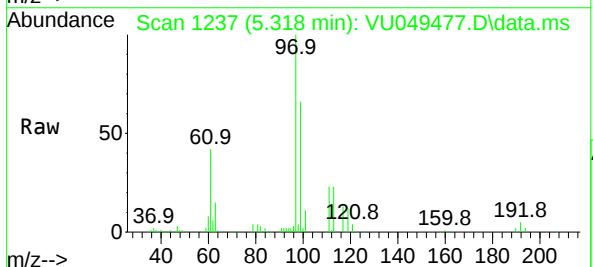


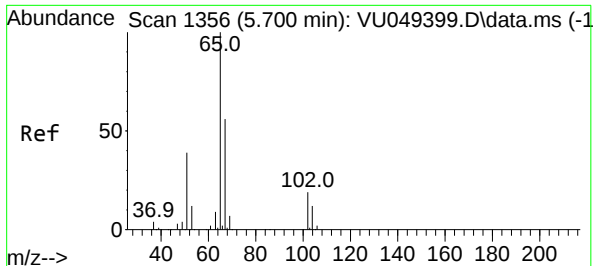
Tgt Ion: 56 Resp: 121990
Ion Ratio Lower Upper
56 100
69 32.1 27.8 41.8
84 81.1 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 18.574 ug/l
RT: 5.318 min Scan# 1237
Delta R.T. 0.007 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 97 Resp: 107542
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.6
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.087 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

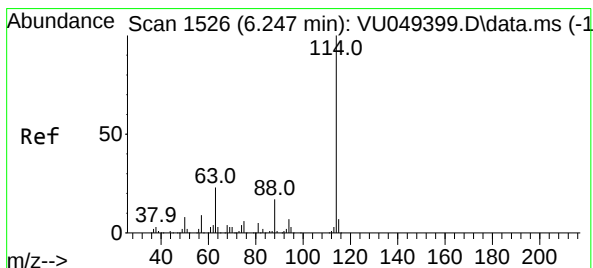
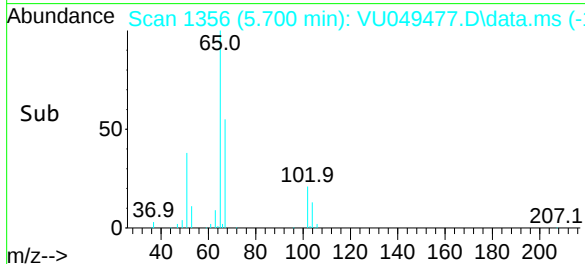
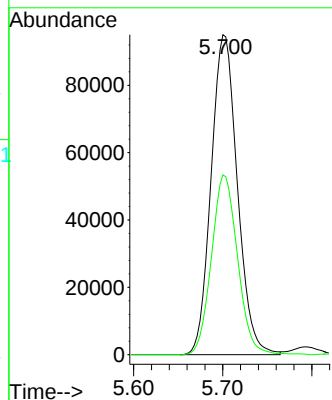
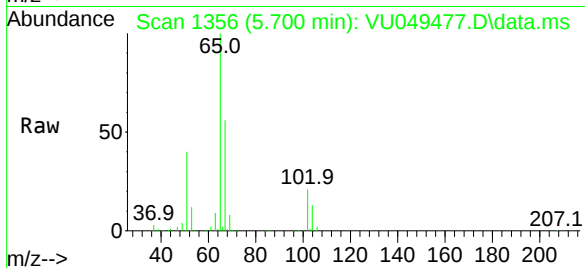
VU0628WBS02

Tgt Ion: 65 Resp: 194574

Ion Ratio Lower Upper

65 100

67 55.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

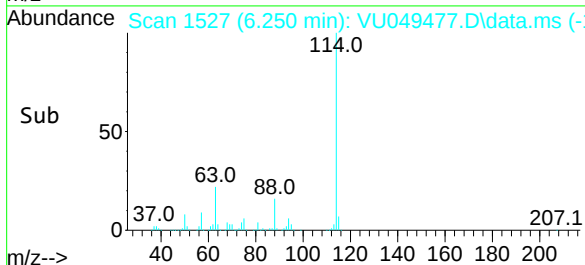
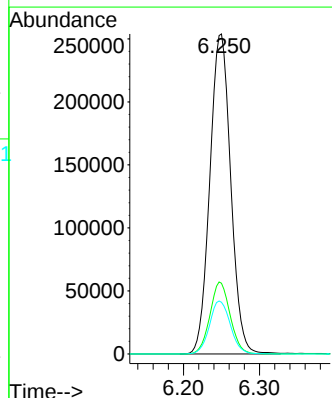
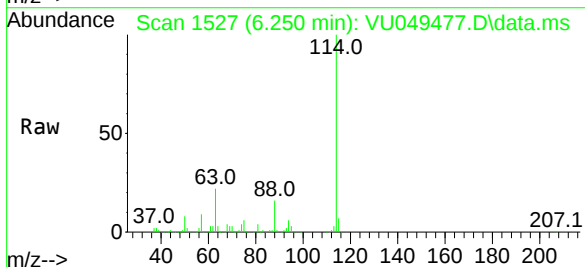
Tgt Ion: 114 Resp: 484115

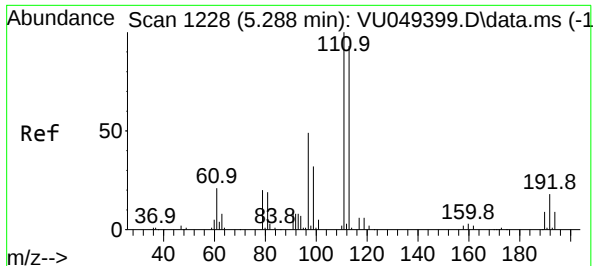
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 16.1 0.0 29.2





#35

Dibromofluoromethane

Concen: 47.084 ug/l

RT: 5.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBS02

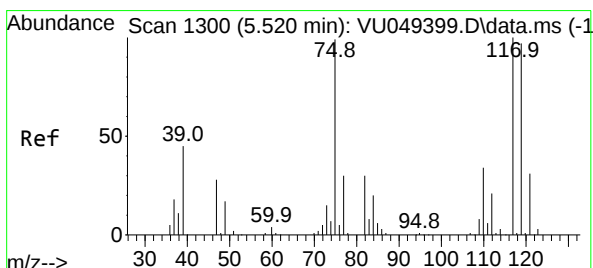
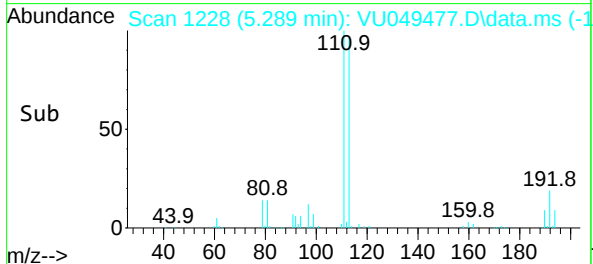
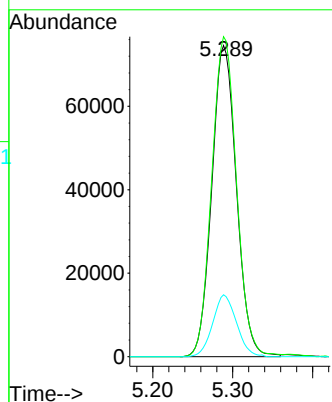
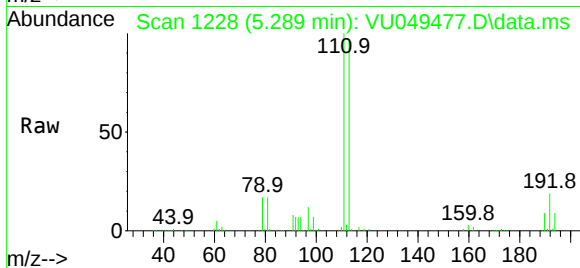
Tgt Ion:113 Resp: 159474

Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

192 19.2 18.0 27.0



#36

1,1-Dichloropropene

Concen: 18.397 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.007 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

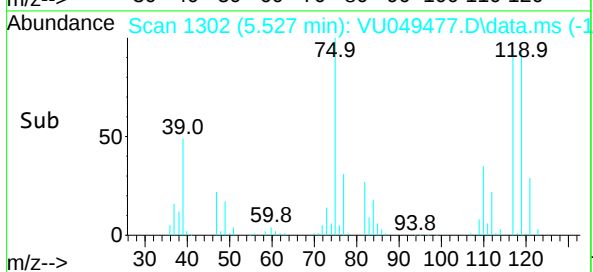
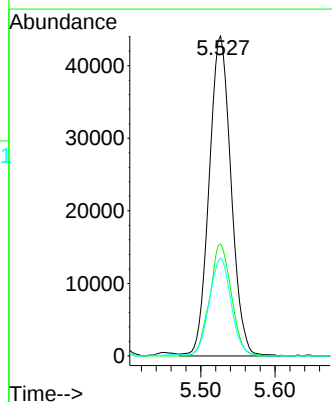
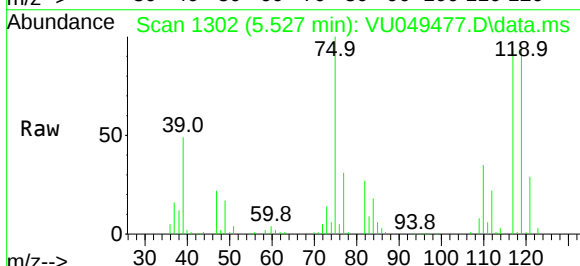
Tgt Ion: 75 Resp: 90350

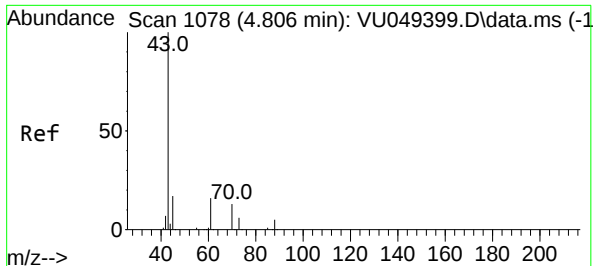
Ion Ratio Lower Upper

75 100

110 34.6 18.4 55.2

77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 18.233 ug/l

RT: 4.803 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBS02

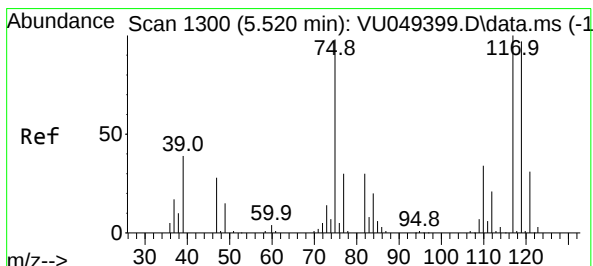
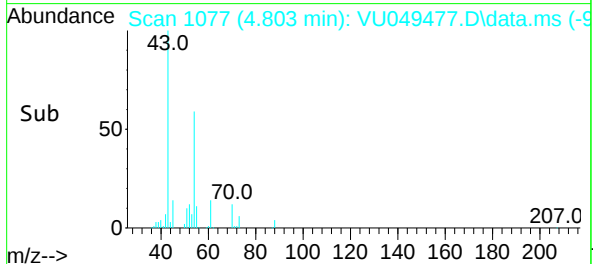
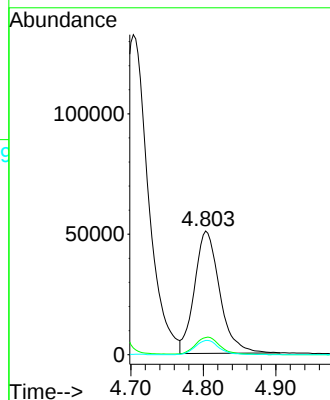
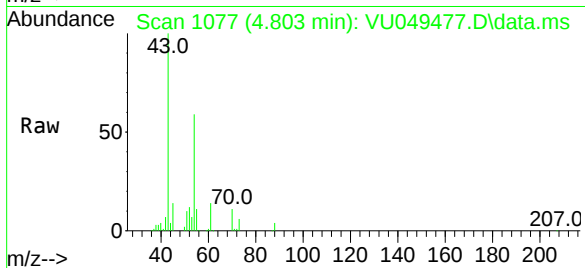
Tgt Ion: 43 Resp: 122356

Ion Ratio Lower Upper

43 100

61 13.9 9.5 14.3

70 11.0 7.5 11.3



#38

Carbon Tetrachloride

Concen: 17.675 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

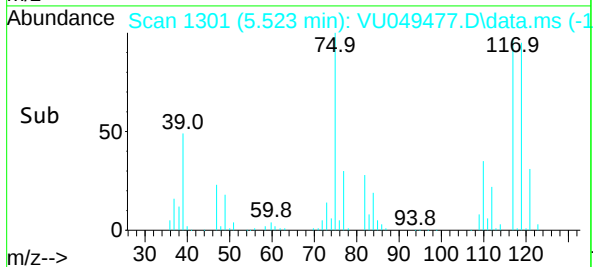
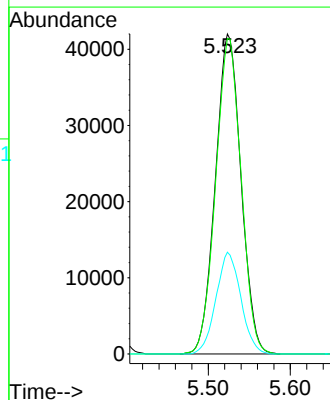
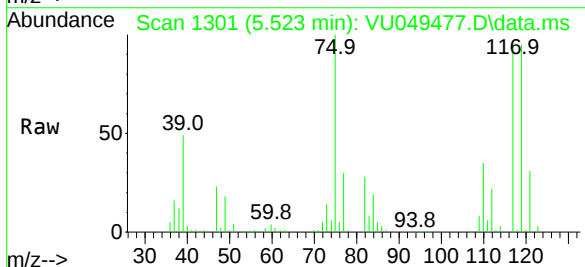
Tgt Ion: 117 Resp: 91036

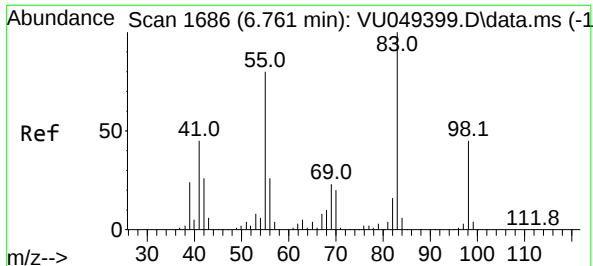
Ion Ratio Lower Upper

117 100

119 98.6 76.8 115.2

121 31.8 24.7 37.1





#39

Methylcyclohexane

Concen: 18.140 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBS02

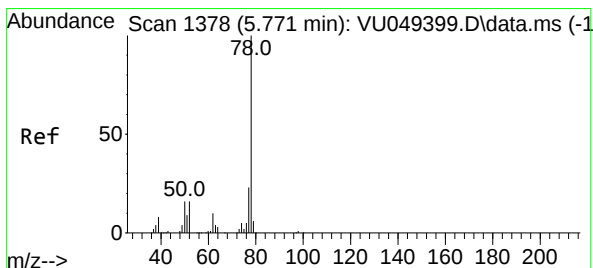
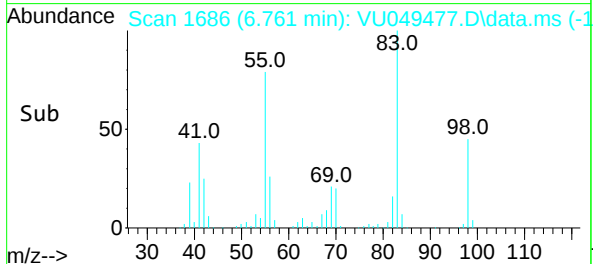
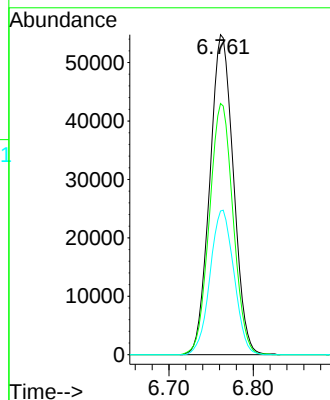
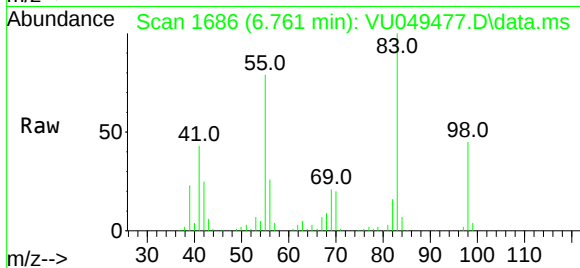
Tgt Ion: 83 Resp: 106782

Ion Ratio Lower Upper

83 100

55 78.5 55.3 82.9

98 44.9 37.3 55.9



#40

Benzene

Concen: 19.026 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049477.D

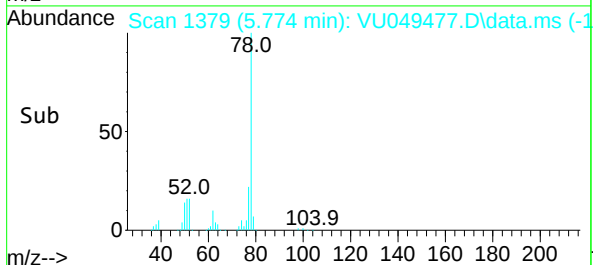
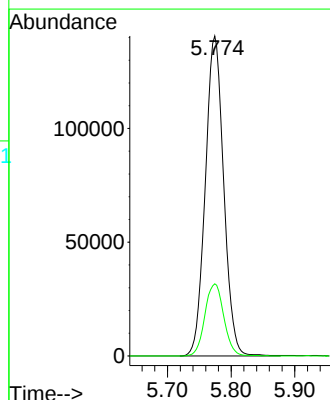
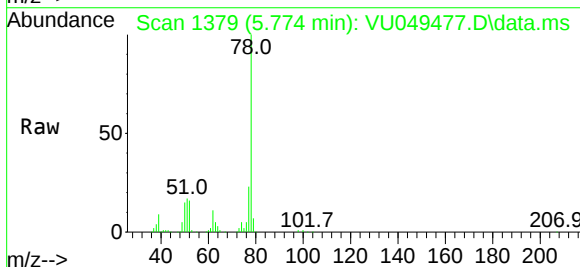
Acq: 28 Jun 2022 23:02

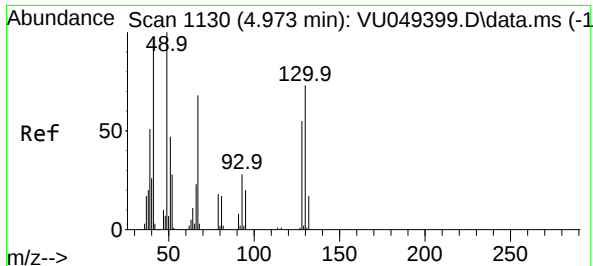
Tgt Ion: 78 Resp: 282097

Ion Ratio Lower Upper

78 100

77 22.6 18.8 28.2

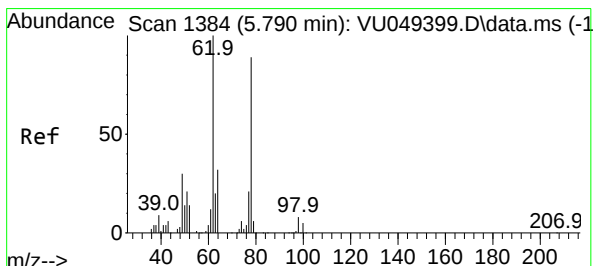
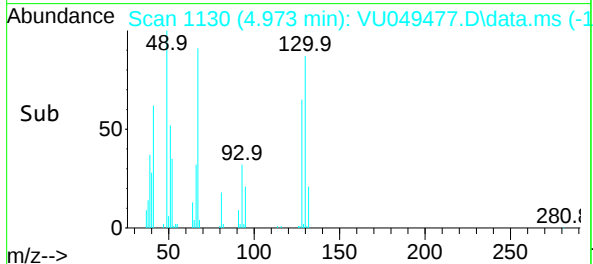
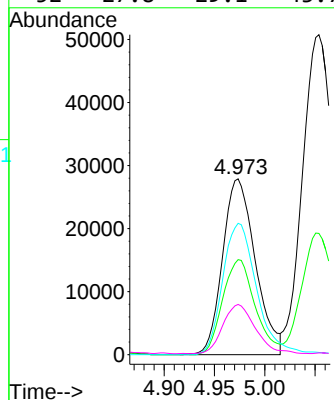
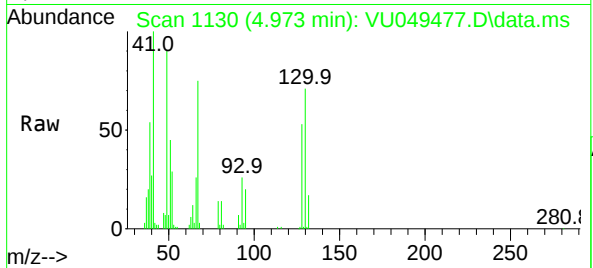




#41
Methacrylonitrile
Concen: 18.812 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

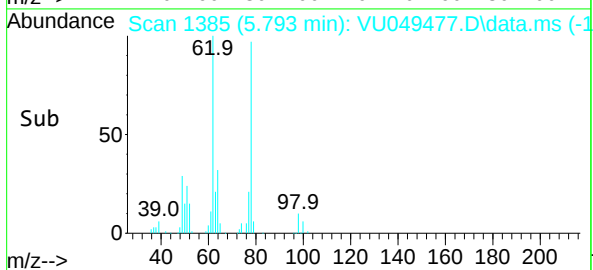
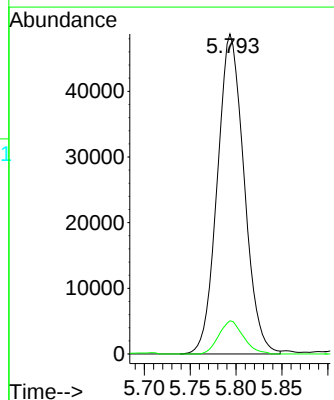
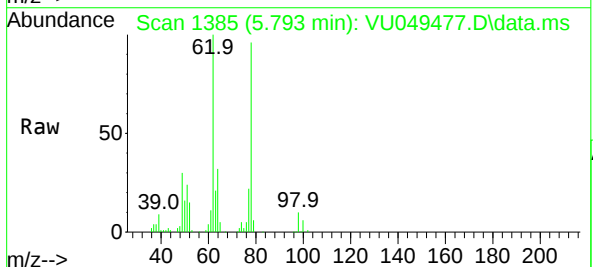
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

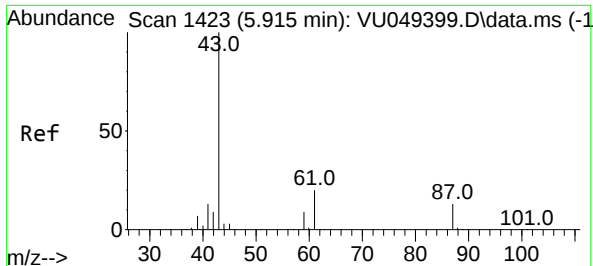
Tgt Ion: 41 Resp: 63257
Ion Ratio Lower Upper
41 100
39 53.6 43.1 64.7
67 78.3 72.3 108.5
52 27.8 29.1 43.7#



#42
1,2-Dichloroethane
Concen: 17.925 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 62 Resp: 98918
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6

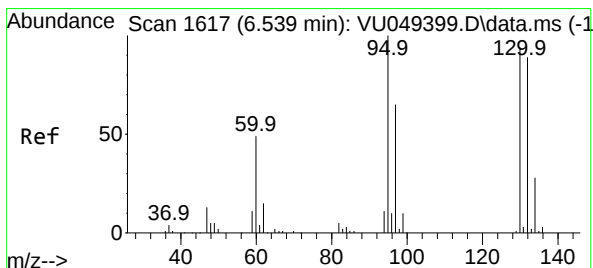
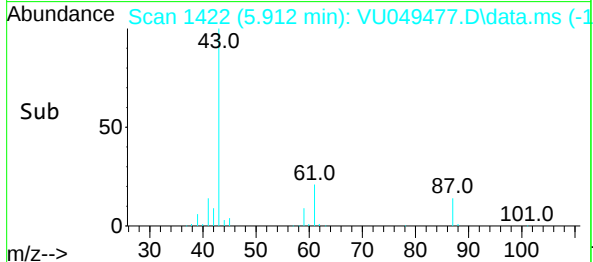
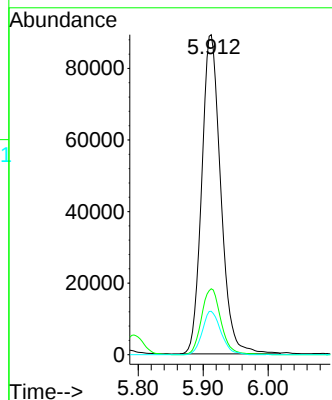
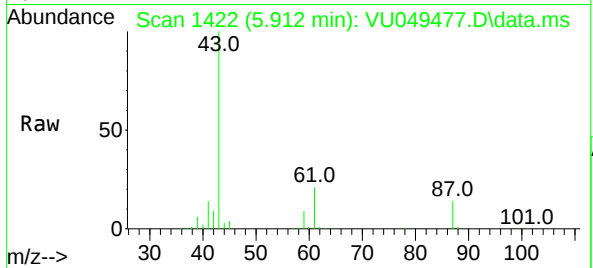




#43
Isopropyl Acetate
Concen: 18.498 ug/l
RT: 5.912 min Scan# 1423
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

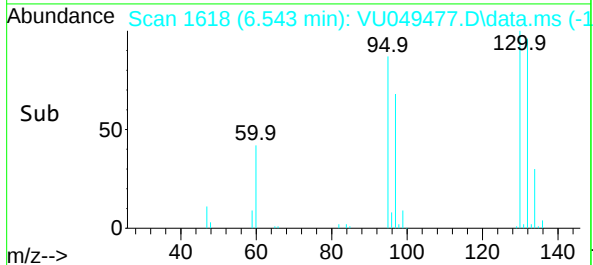
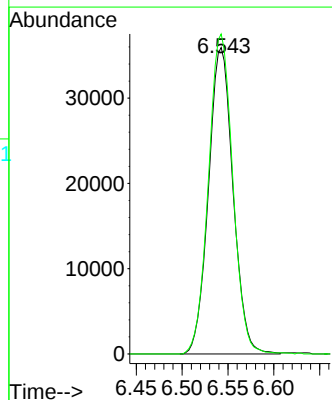
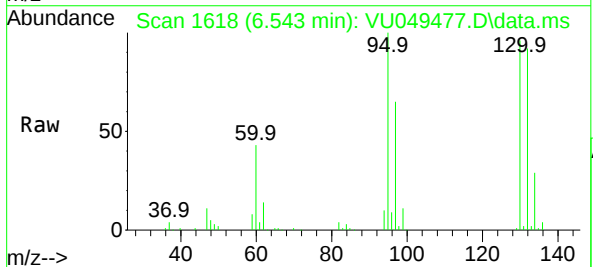
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

Tgt Ion: 43 Resp: 181897
Ion Ratio Lower Upper
43 100
61 21.2 17.4 26.0
87 13.3 12.6 18.8



#44
Trichloroethene
Concen: 18.956 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion:130 Resp: 66814
Ion Ratio Lower Upper
130 100
95 104.5 0.0 184.6





#45

1,2-Dichloropropane

Concen: 18.594 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

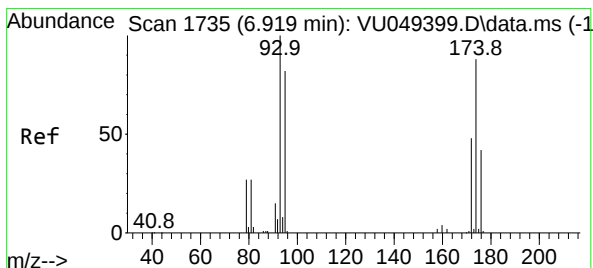
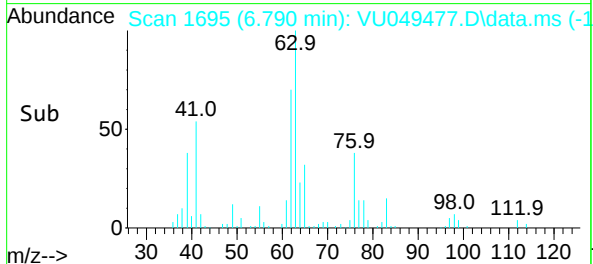
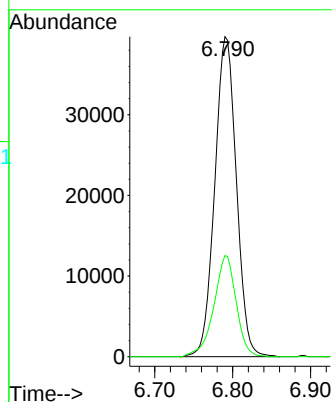
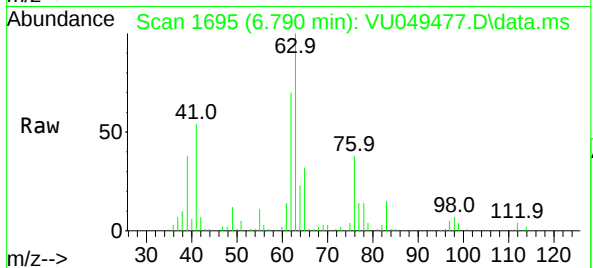
VU0628WBS02

Tgt Ion: 63 Resp: 76394

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 18.343 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

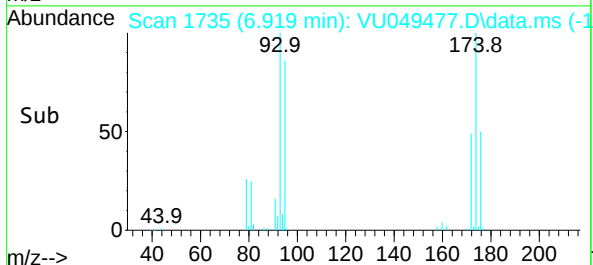
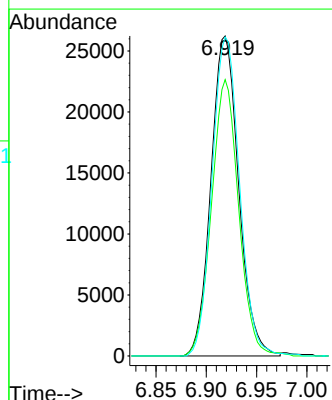
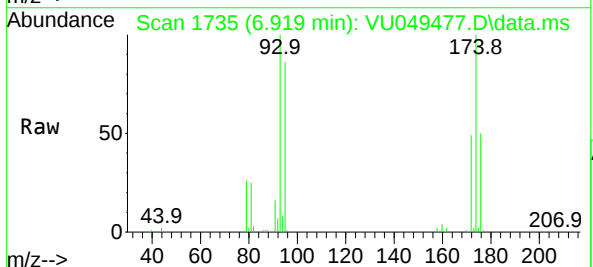
Tgt Ion: 93 Resp: 50245

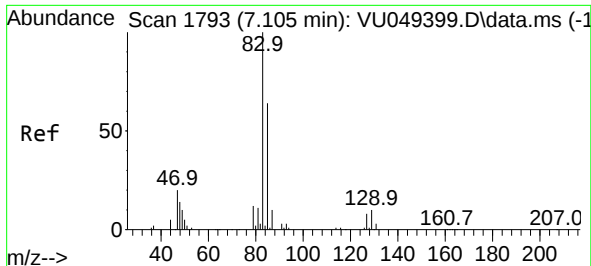
Ion Ratio Lower Upper

93 100

95 84.6 66.3 99.5

174 99.1 88.2 132.4

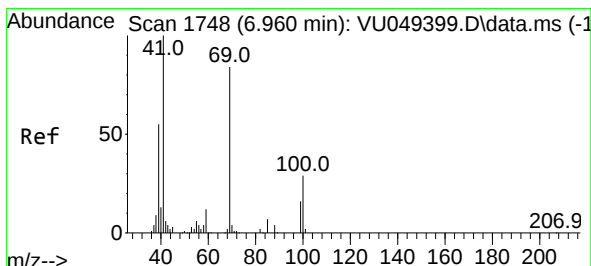
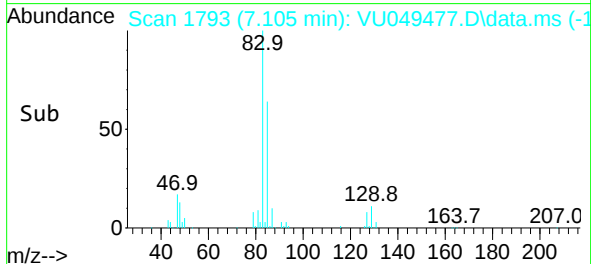
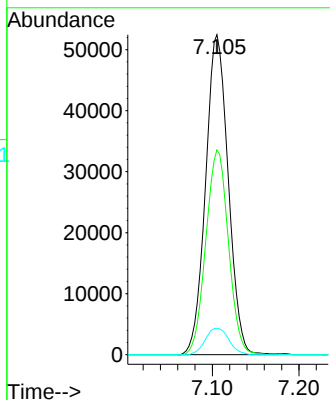
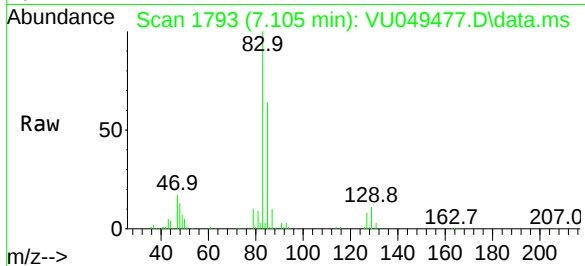




#47
Bromodichloromethane
Concen: 18.053 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

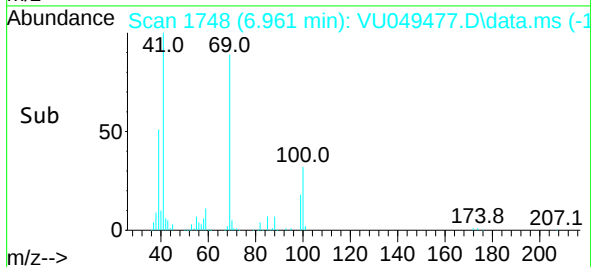
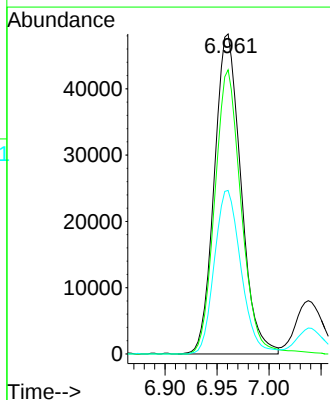
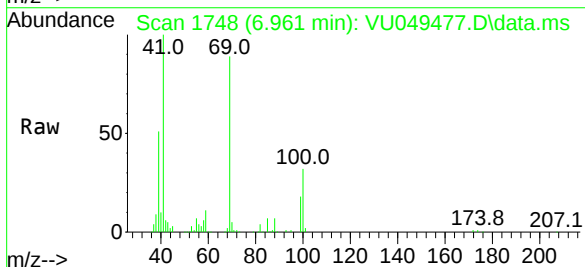
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

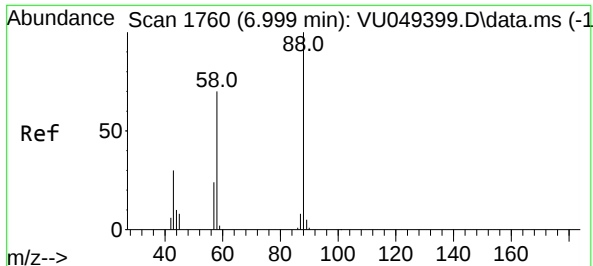
Tgt Ion: 83 Resp: 95178
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.2
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 18.700 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 41 Resp: 86173
Ion Ratio Lower Upper
41 100
69 88.3 79.8 119.6
39 51.1 47.9 71.9





#49

1,4-Dioxane

Concen: 417.630 ug/l

RT: 6.989 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBS02

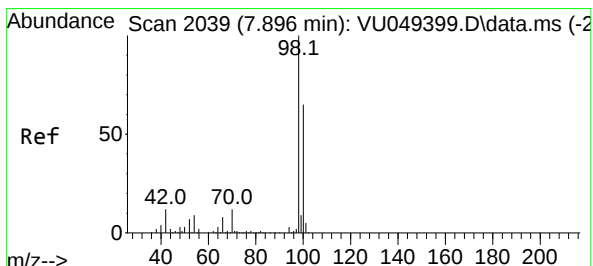
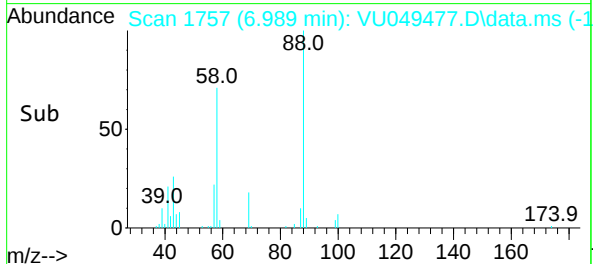
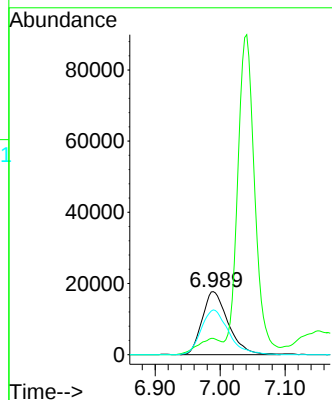
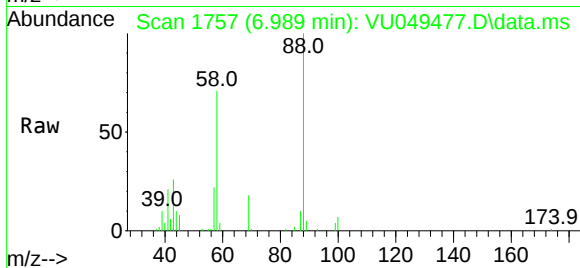
Tgt Ion: 88 Resp: 49306

Ion Ratio Lower Upper

88 100

43 23.9 0.0 0.0#

58 75.1 15.4 23.0#



#50

Toluene-d8

Concen: 48.109 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049477.D

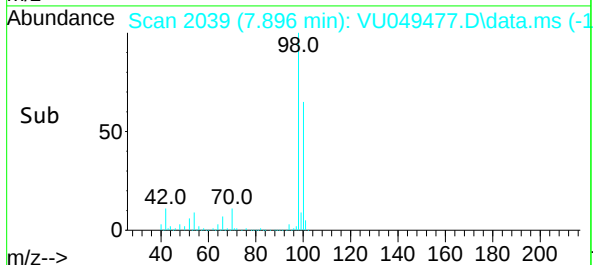
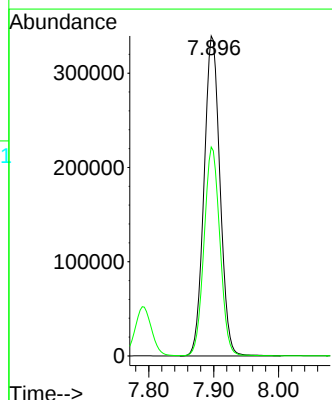
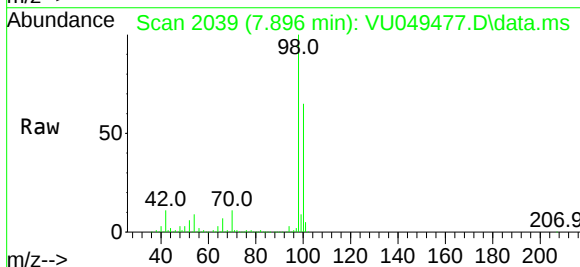
Acq: 28 Jun 2022 23:02

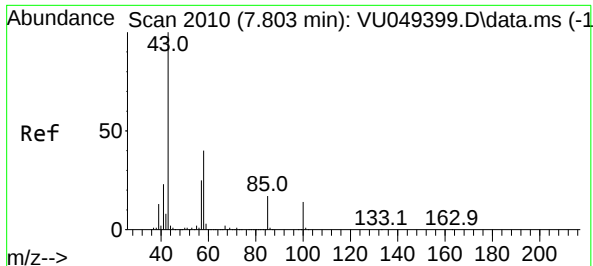
Tgt Ion: 98 Resp: 581177

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 92.806 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

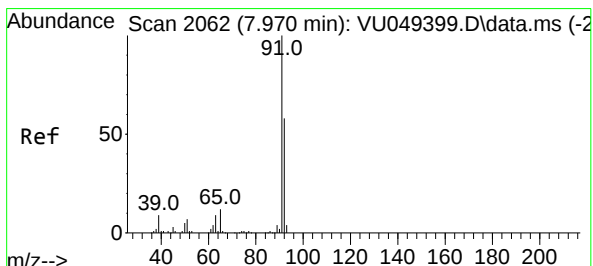
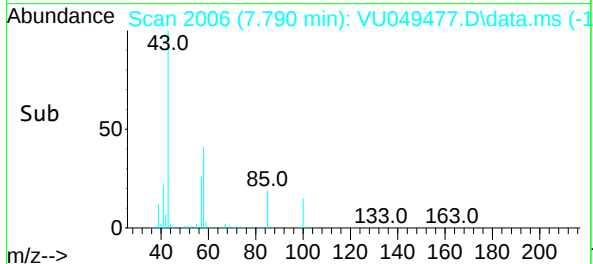
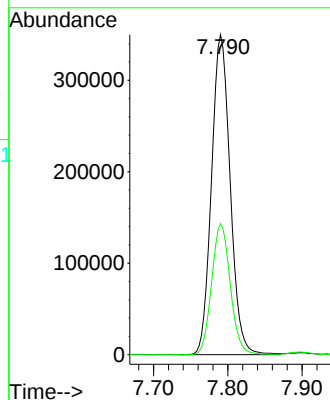
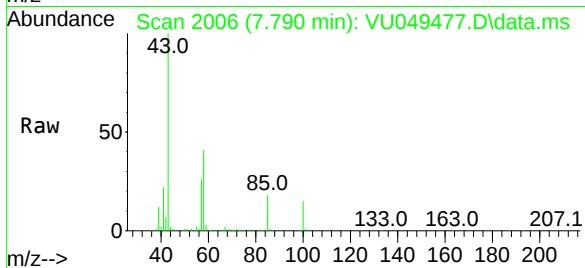
VU0628WBS02

Tgt Ion: 43 Resp: 610751

Ion Ratio Lower Upper

43 100

58 40.9 34.7 52.1



#52

Toluene

Concen: 19.252 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049477.D

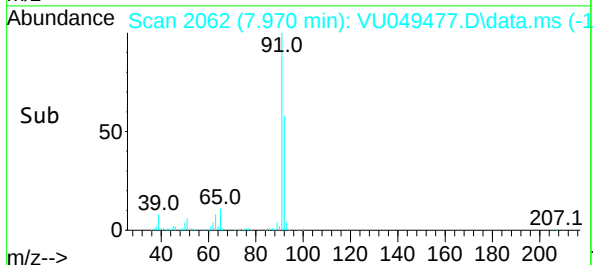
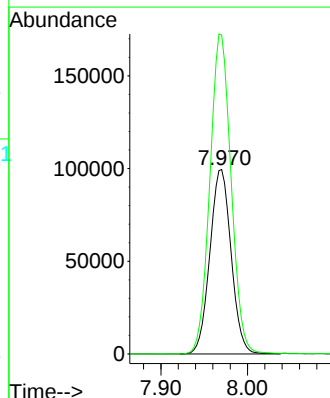
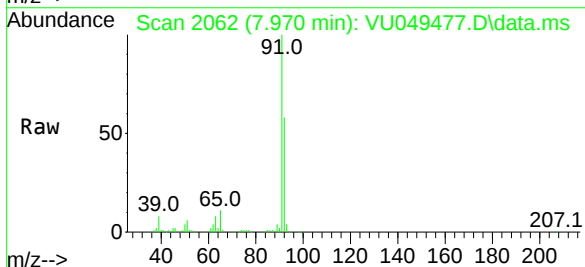
Acq: 28 Jun 2022 23:02

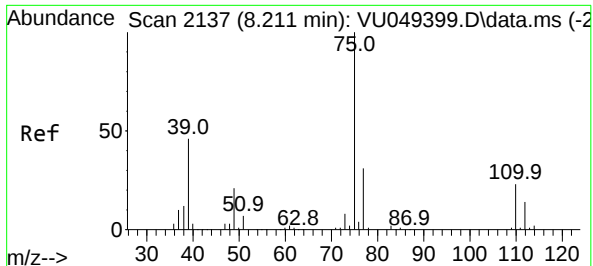
Tgt Ion: 92 Resp: 169665

Ion Ratio Lower Upper

92 100

91 173.5 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 17.746 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

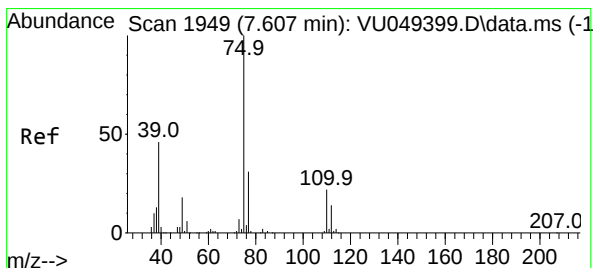
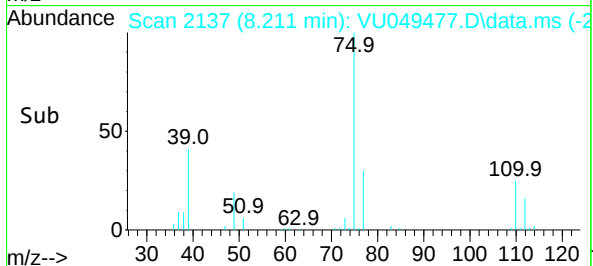
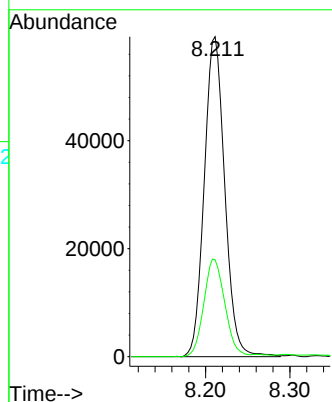
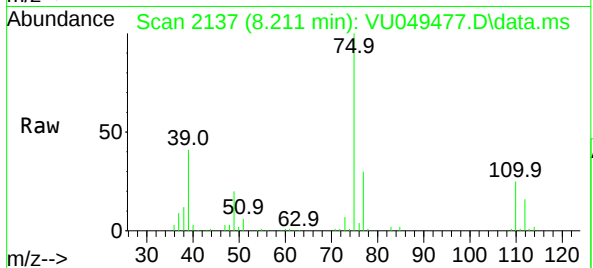
VU0628WBS02

Tgt Ion: 75 Resp: 100360

Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.424 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

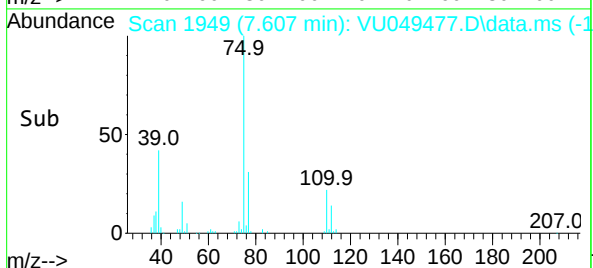
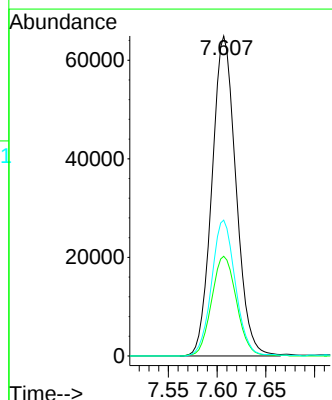
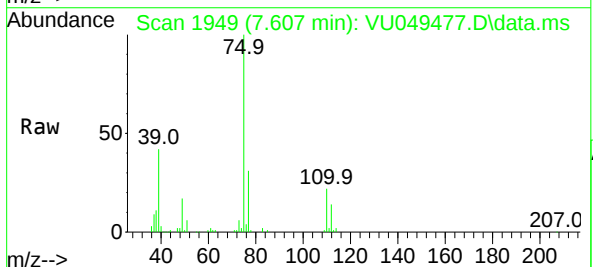
Tgt Ion: 75 Resp: 111249

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

39 42.5 33.0 49.6

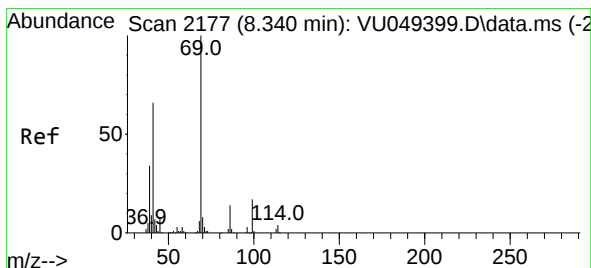
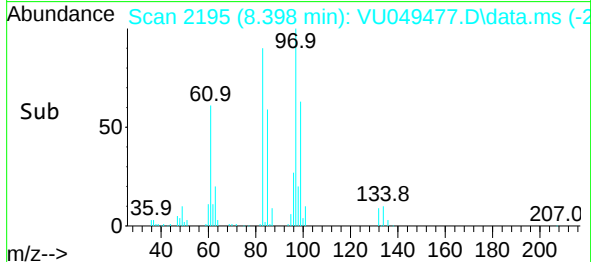
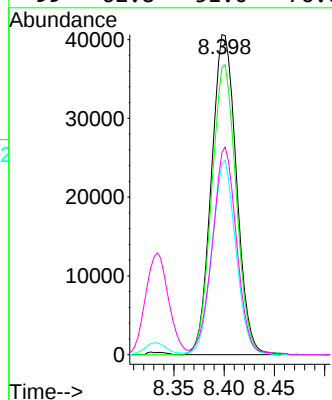
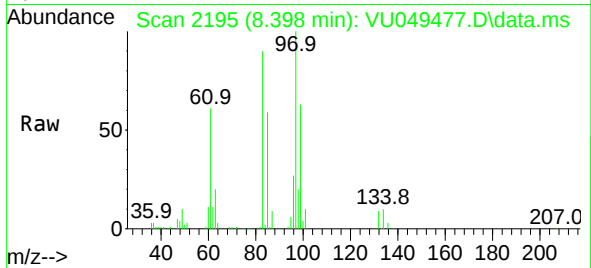




#55
1,1,2-Trichloroethane
Concen: 19.308 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.006 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

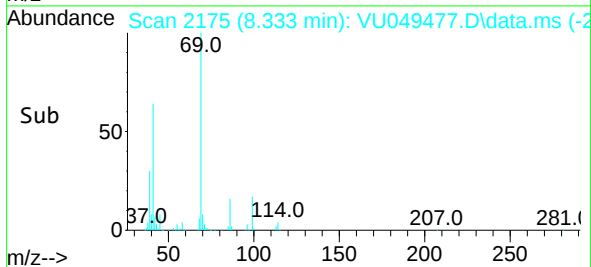
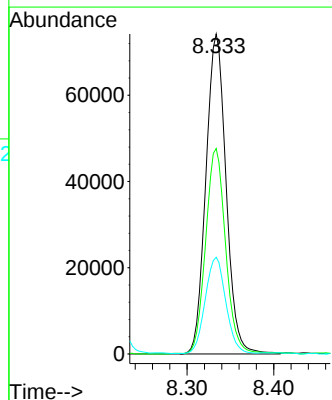
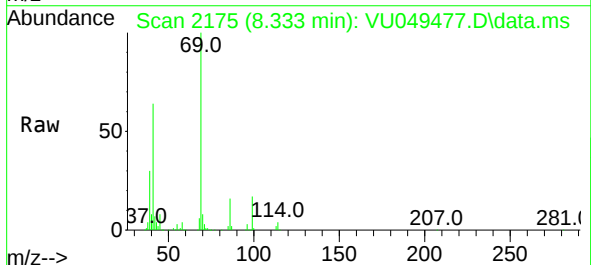
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

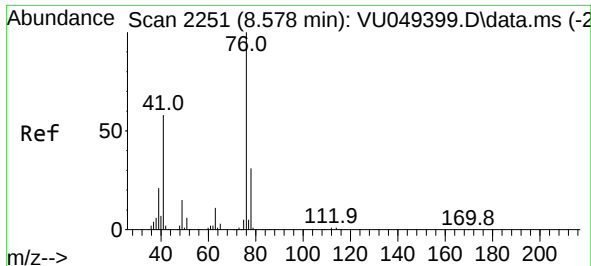
Tgt Ion:	97	Resp:	70353
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.2	105.4
85	59.2	44.6	66.8
99	62.8	51.0	76.6



#56
Ethyl methacrylate
Concen: 19.716 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.006 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion:	69	Resp:	120155
Ion	Ratio	Lower	Upper
69	100		
41	64.1	45.4	68.0
39	30.7	25.7	38.5





#57

1,3-Dichloropropane

Concen: 18.805 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

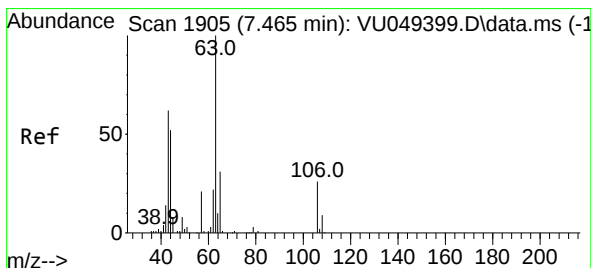
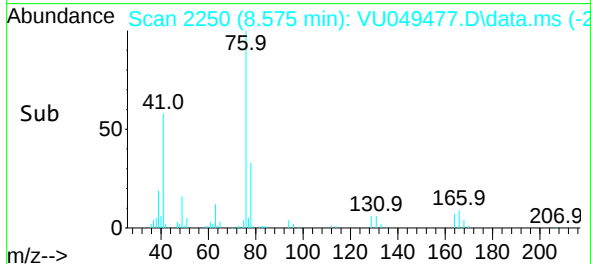
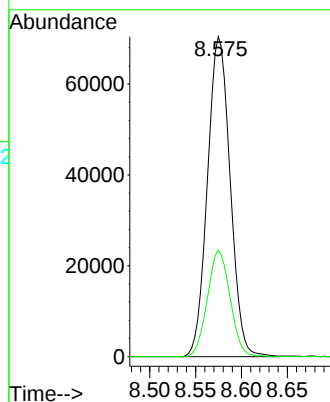
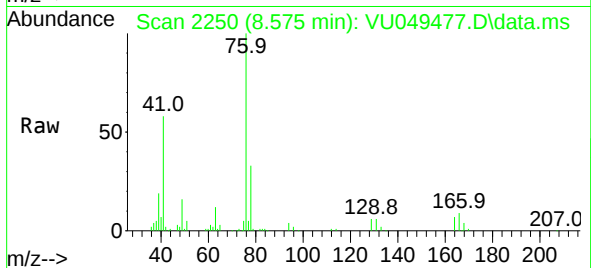
VU0628WBS02

Tgt Ion: 76 Resp: 121549

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 133.819 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049477.D

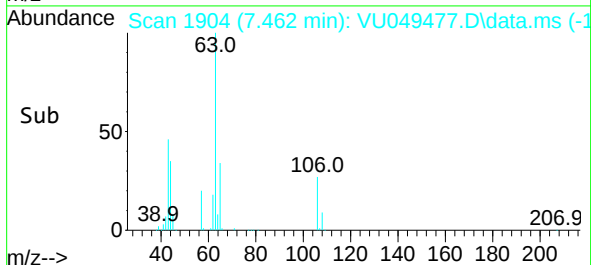
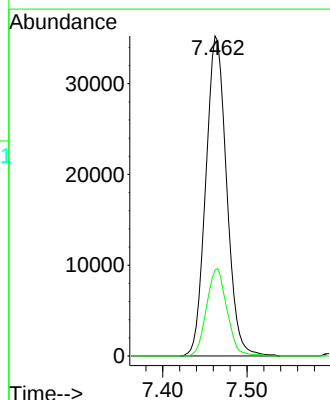
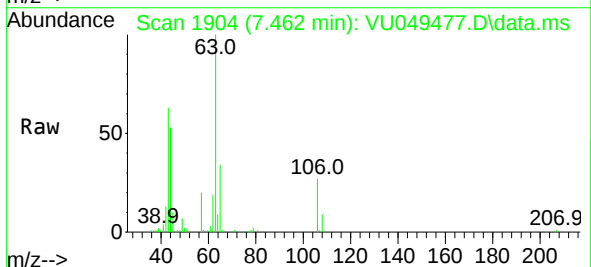
Acq: 28 Jun 2022 23:02

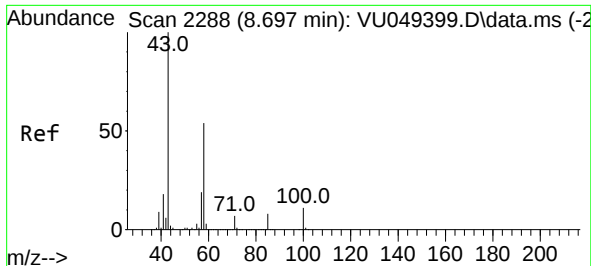
Tgt Ion: 63 Resp: 60692

Ion Ratio Lower Upper

63 100

106 26.6 23.1 34.7

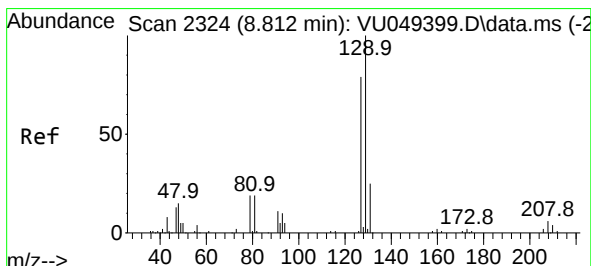
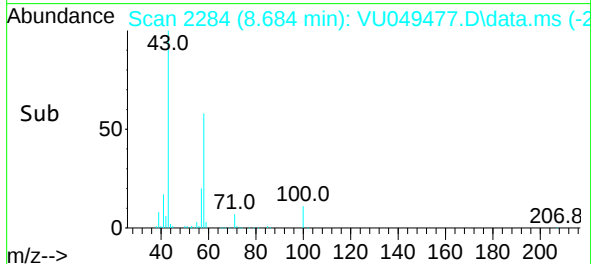
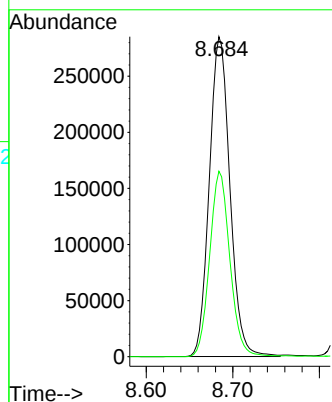
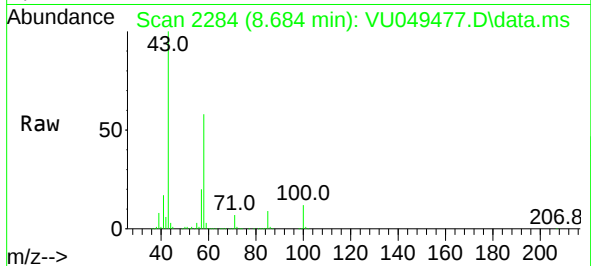




#59
2-Hexanone
Concen: 91.187 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

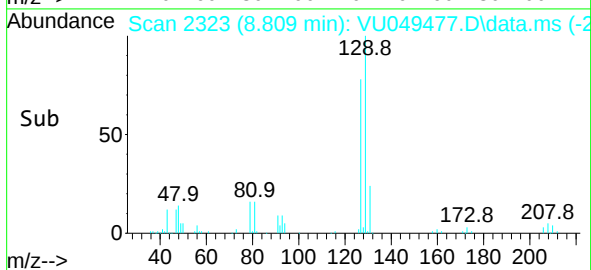
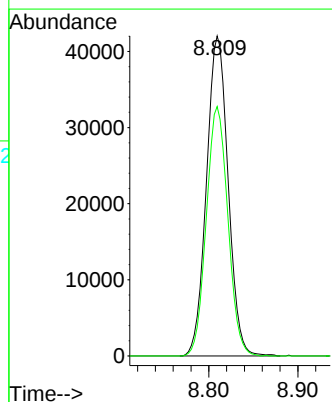
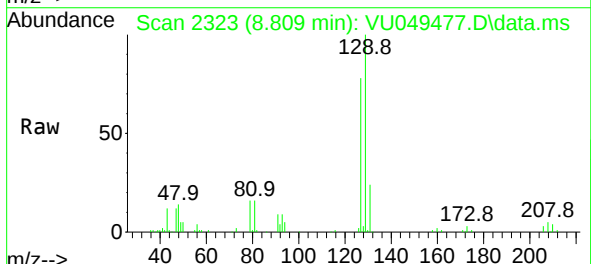
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

Tgt Ion: 43 Resp: 471907
Ion Ratio Lower Upper
43 100
58 57.0 30.3 90.8



#60
Dibromochloromethane
Concen: 18.718 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 129 Resp: 70922
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

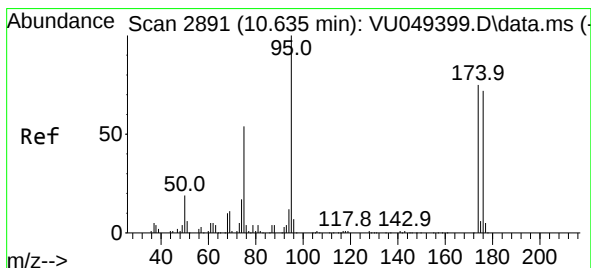
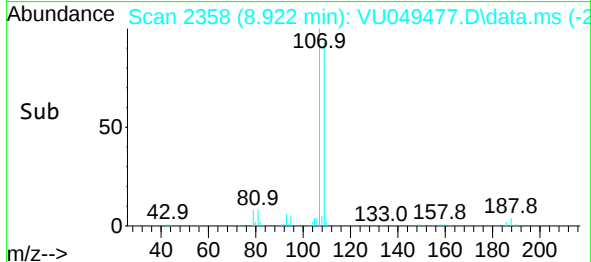
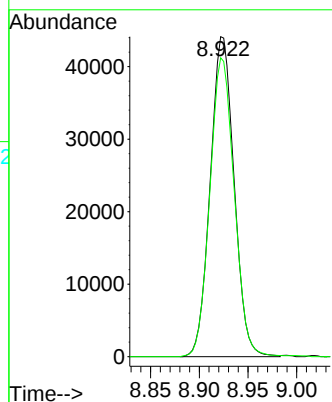
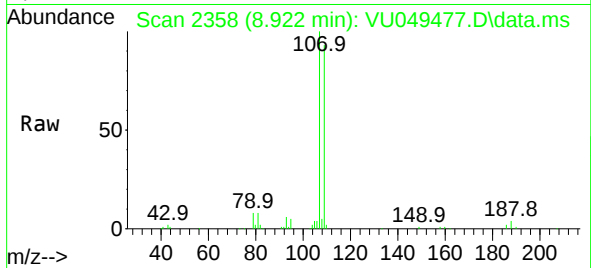




#61
1,2-Dibromoethane
Concen: 18.926 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

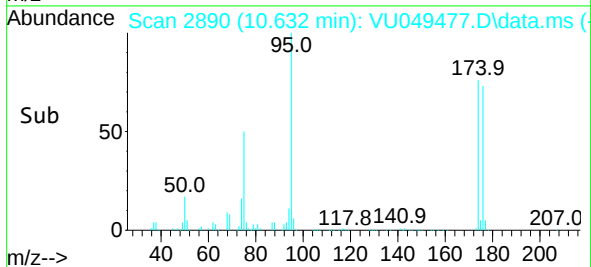
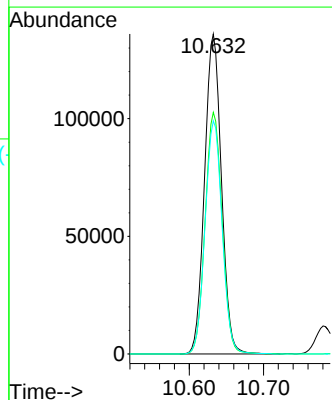
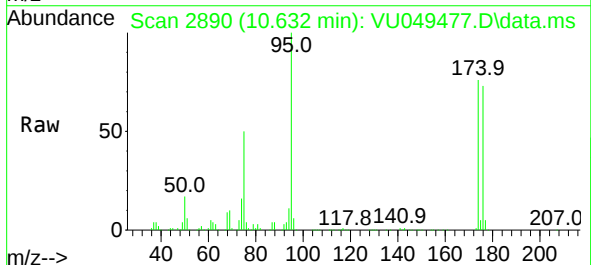
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

Tgt Ion:107 Resp: 75151
Ion Ratio Lower Upper
107 100
109 95.4 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 46.233 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 95 Resp: 213948
Ion Ratio Lower Upper
95 100
174 76.2 0.0 182.0
176 73.7 0.0 177.8

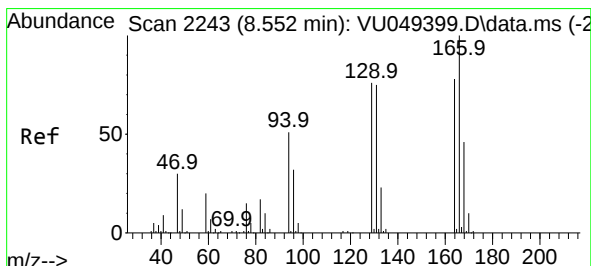
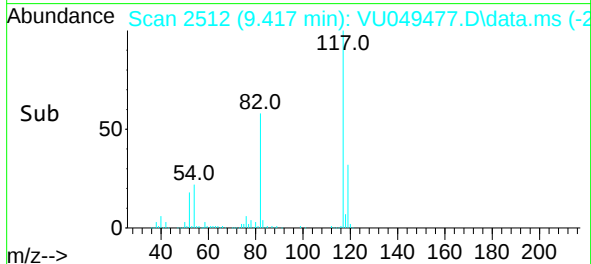
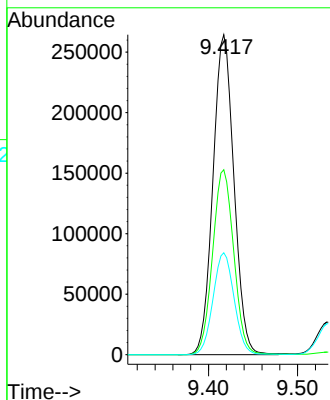
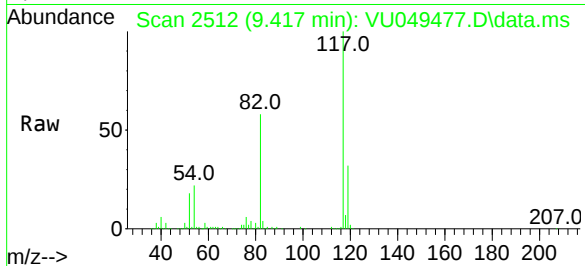




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

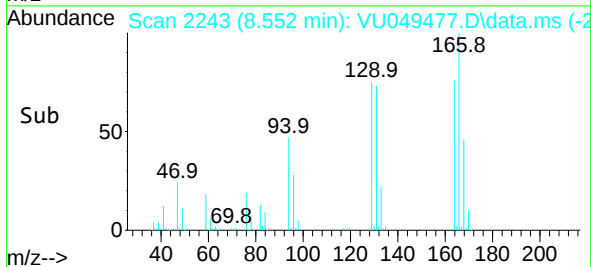
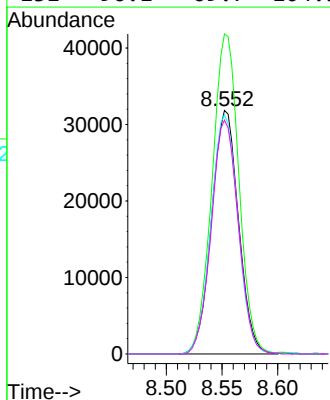
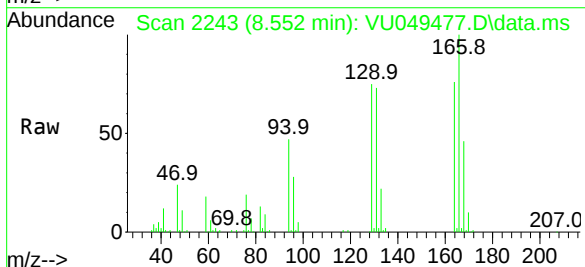
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

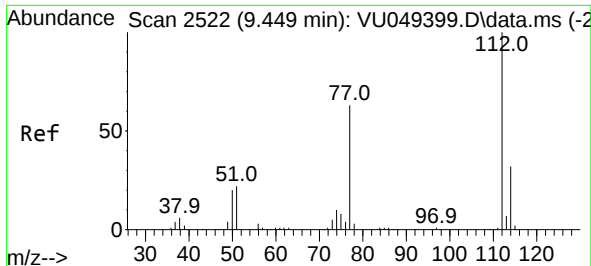
Tgt Ion:117 Resp: 433428
Ion Ratio Lower Upper
117 100
82 57.8 41.7 62.5
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 19.281 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion:164 Resp: 53602
Ion Ratio Lower Upper
164 100
166 131.4 100.0 150.0
129 98.2 72.0 108.0
131 96.1 69.7 104.5

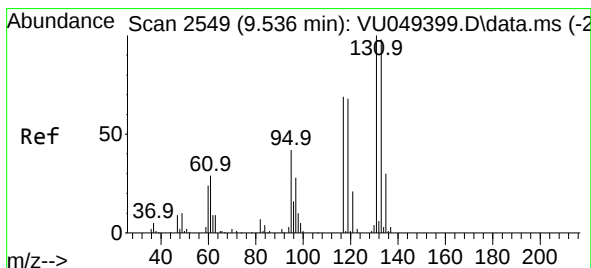
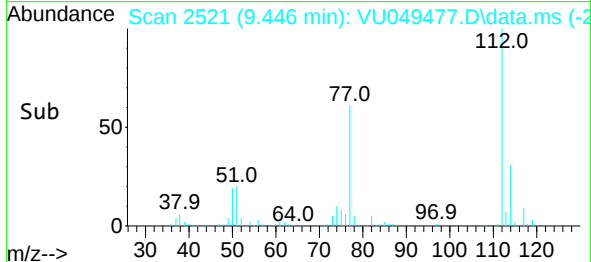
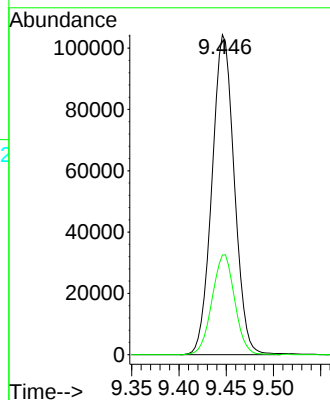
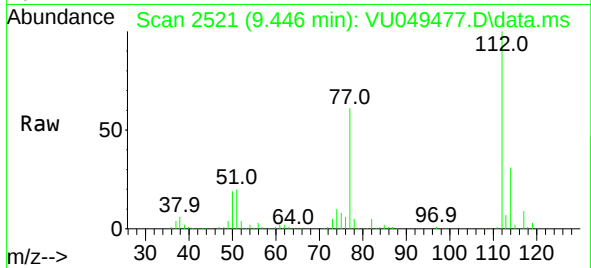




#65
Chlorobenzene
Concen: 19.378 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

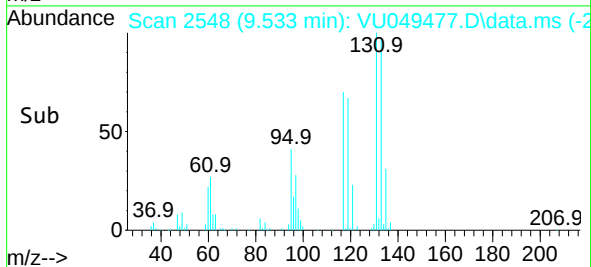
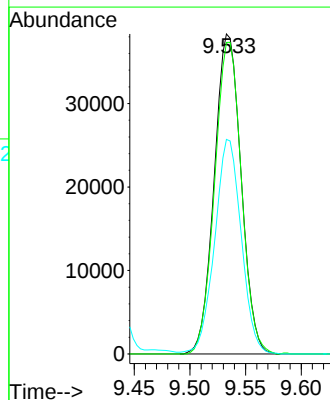
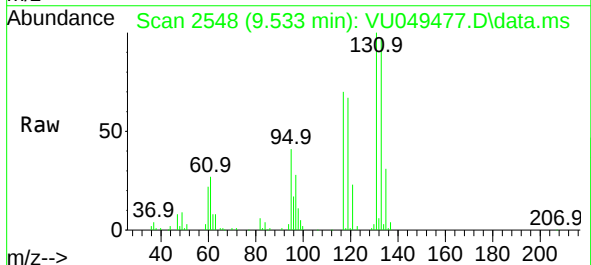
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

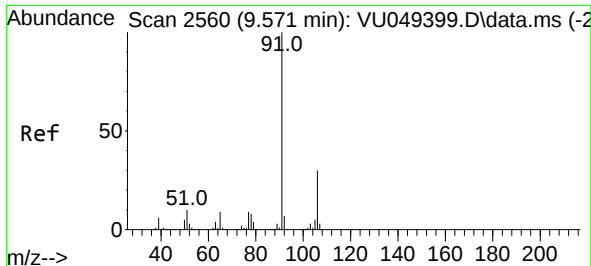
Tgt Ion:112 Resp: 171710
Ion Ratio Lower Upper
112 100
114 31.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.185 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion:131 Resp: 64128
Ion Ratio Lower Upper
131 100
133 97.2 48.4 145.0
119 66.5 33.9 101.6





#67

Ethyl Benzene

Concen: 19.385 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

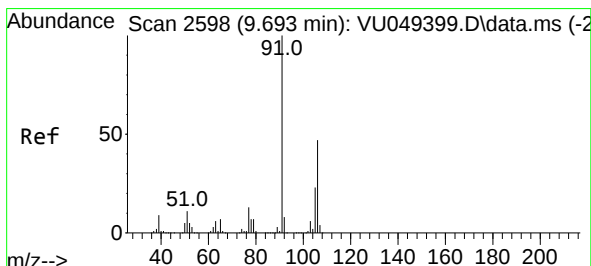
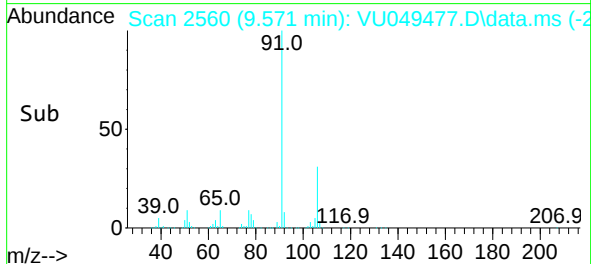
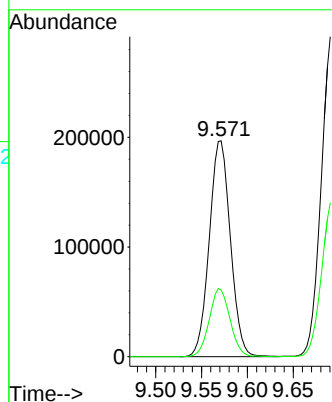
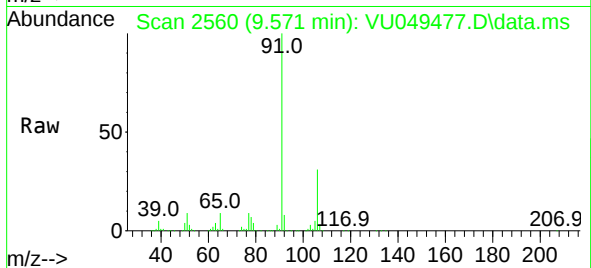
VU0628WBS02

Tgt Ion: 91 Resp: 315342

Ion Ratio Lower Upper

91 100

106 30.9 25.6 38.4



#68

m/p-Xylenes

Concen: 39.753 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049477.D

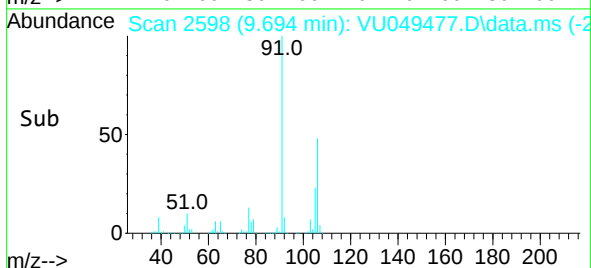
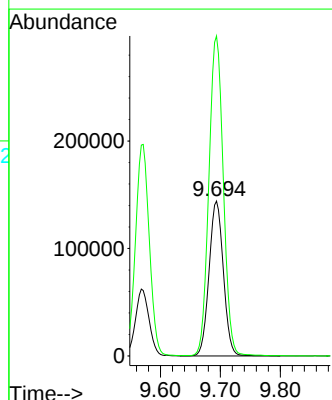
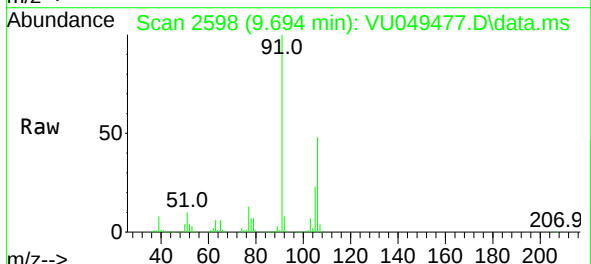
Acq: 28 Jun 2022 23:02

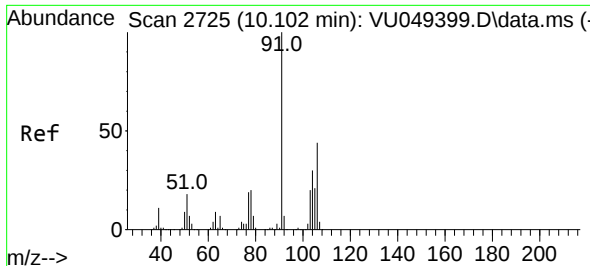
Tgt Ion: 106 Resp: 239268

Ion Ratio Lower Upper

106 100

91 208.2 157.2 235.8

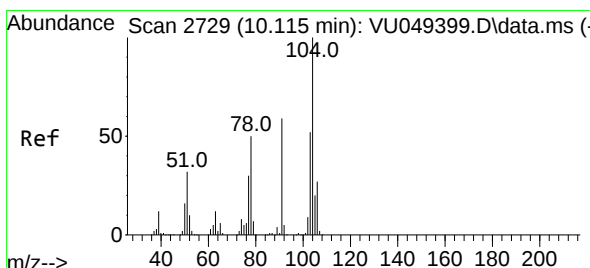
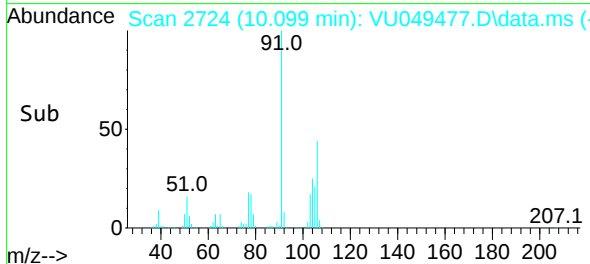
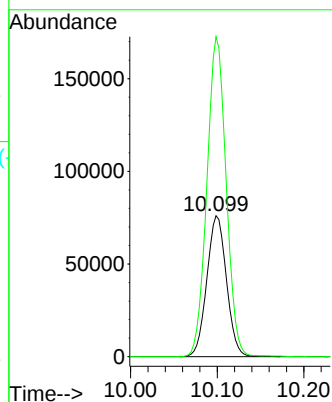
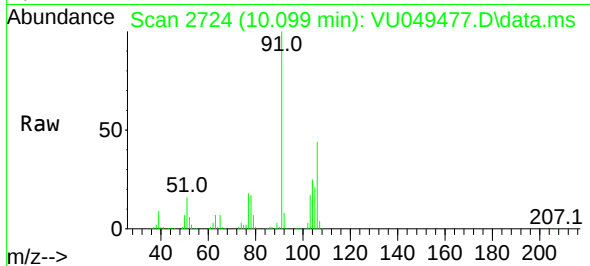




#69
o-Xylene
Concen: 20.045 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

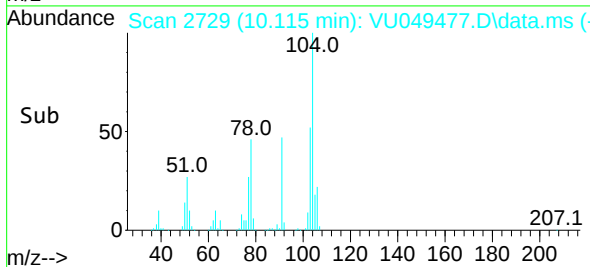
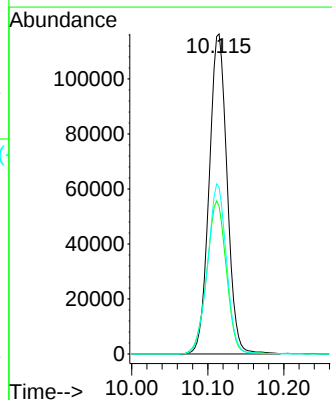
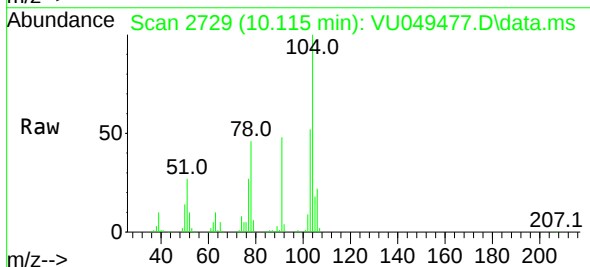
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

Tgt Ion:106 Resp: 119773
Ion Ratio Lower Upper
106 100
91 223.1 103.5 310.5



#70
Styrene
Concen: 19.900 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion:104 Resp: 191061
Ion Ratio Lower Upper
104 100
78 52.2 38.0 57.0
103 56.0 43.9 65.9





#71

Bromoform

Concen: 18.595 ug/l

RT: 10.292 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBS02

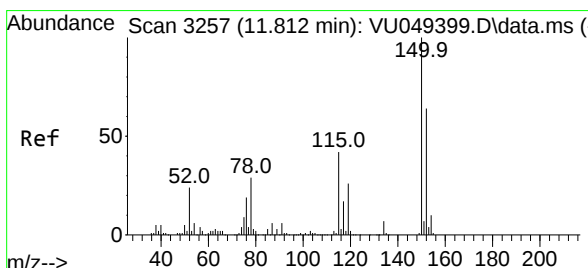
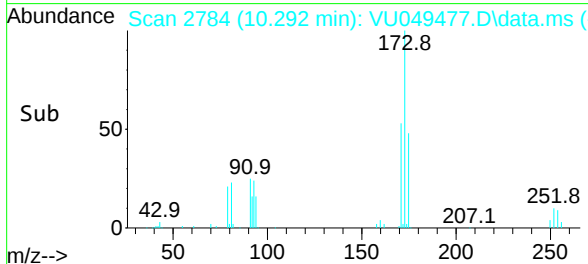
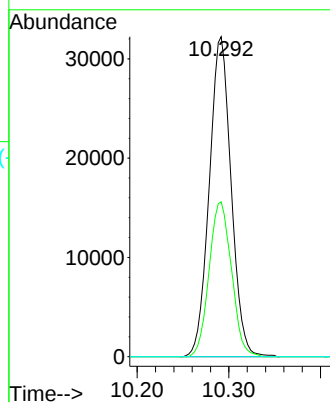
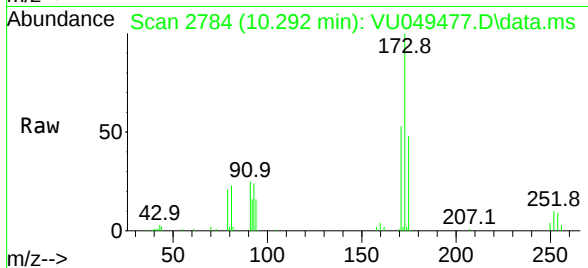
Tgt Ion:173 Resp: 53311

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

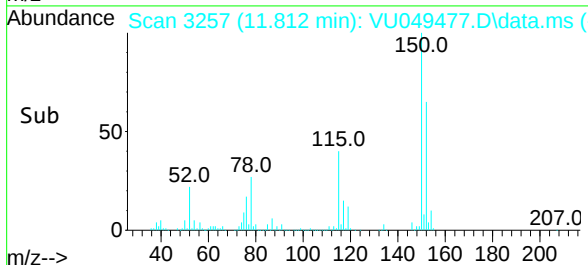
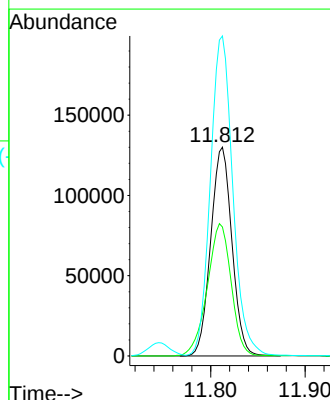
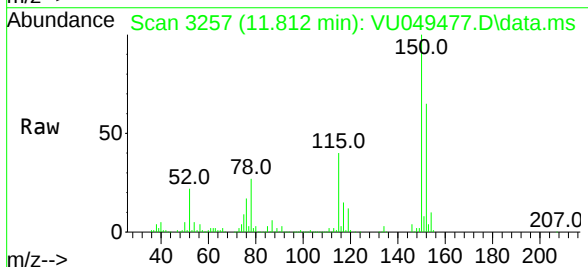
Tgt Ion:152 Resp: 203458

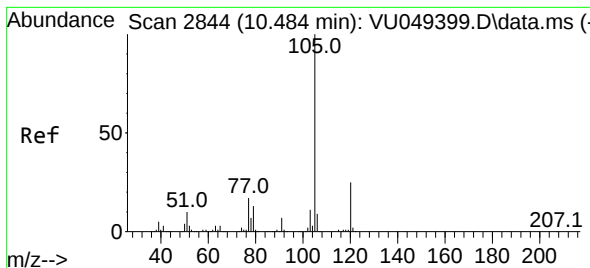
Ion Ratio Lower Upper

152 100

115 71.0 37.0 110.9

150 161.7 0.0 342.2





#73

Isopropylbenzene

Concen: 21.261 ug/l

RT: 10.485 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

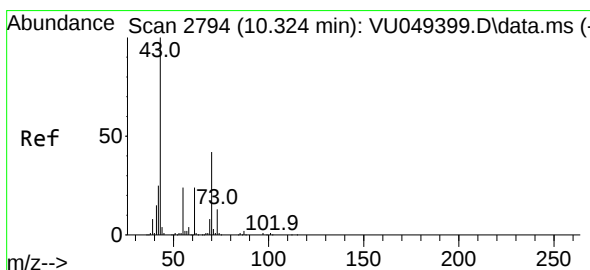
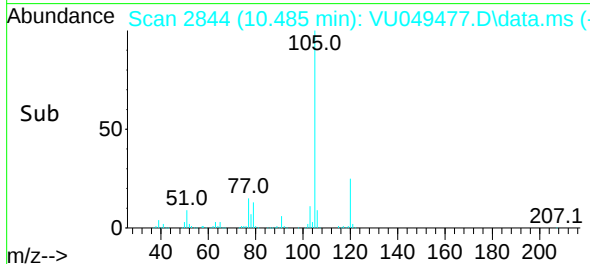
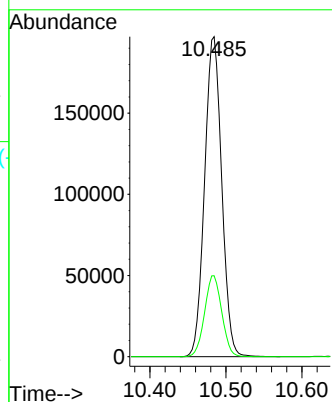
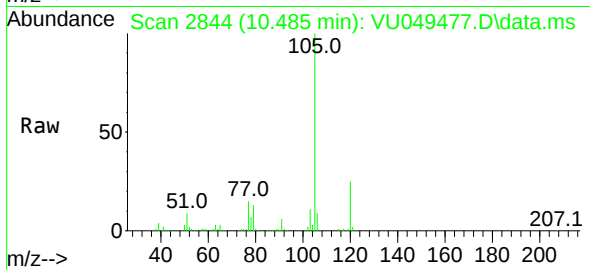
VU0628WBS02

Tgt Ion:105 Resp: 308147

Ion Ratio Lower Upper

105 100

120 25.4 13.8 41.4



#74

N-ethyl acetate

Concen: 19.962 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. -0.003 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Tgt Ion: 43 Resp: 153123

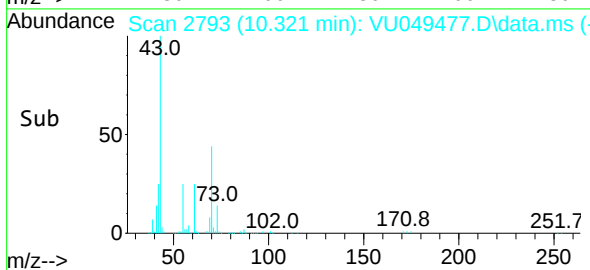
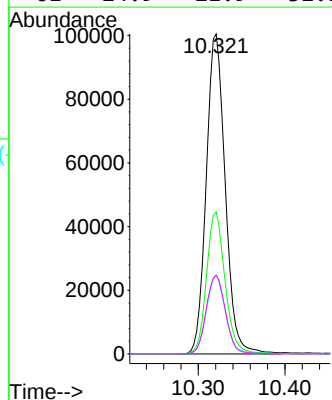
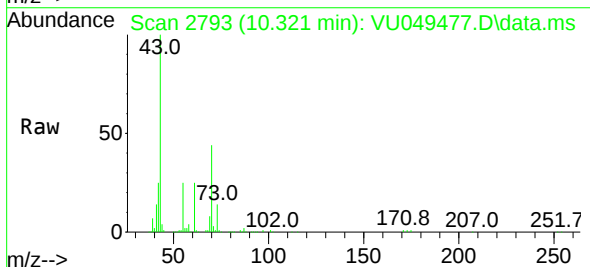
Ion Ratio Lower Upper

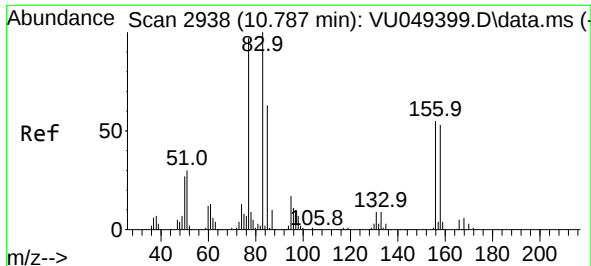
43 100

70 43.4 38.7 58.1

55 24.9 21.8 32.8

61 24.9 21.9 32.9

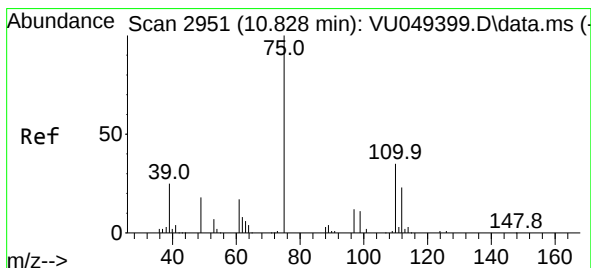
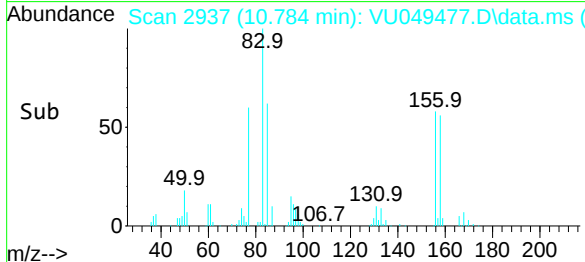
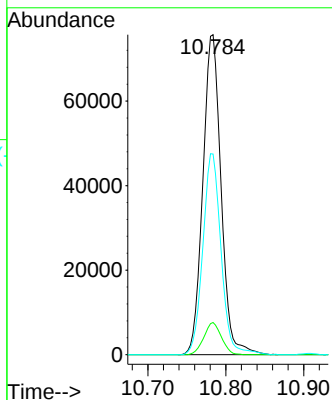
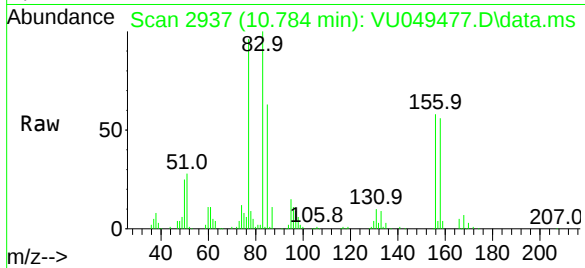




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.048 ug/l
 RT: 10.784 min Scan# 2949
 Delta R.T. -0.003 min
 Lab File: VU049477.D
 Acq: 28 Jun 2022 23:02

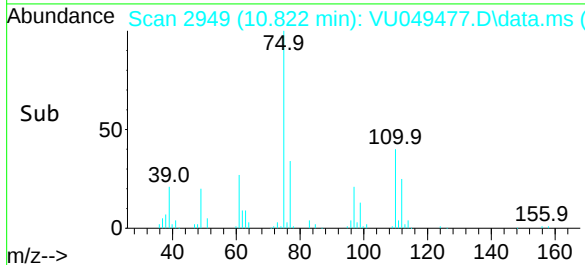
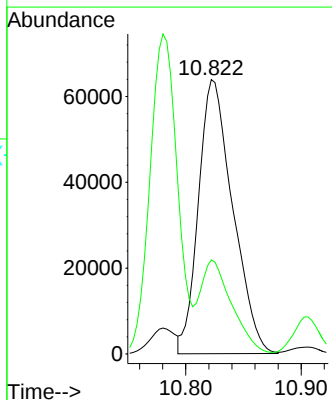
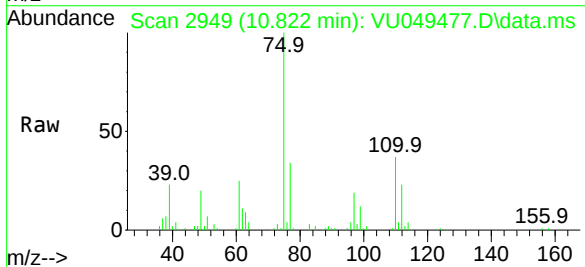
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628WBS02

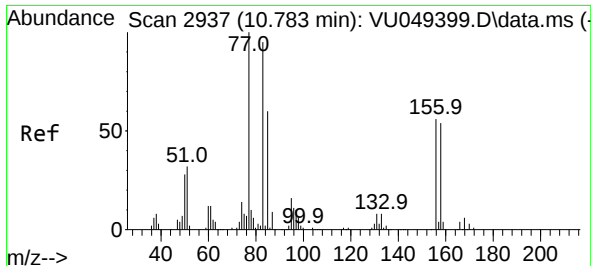
Tgt Ion: 83 Resp: 123086
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.1 15.4
 85 62.7 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 19.095 ug/l
 RT: 10.822 min Scan# 2949
 Delta R.T. -0.006 min
 Lab File: VU049477.D
 Acq: 28 Jun 2022 23:02

Tgt Ion: 75 Resp: 131700
 Ion Ratio Lower Upper
 75 100
 77 31.8 15.8 47.3

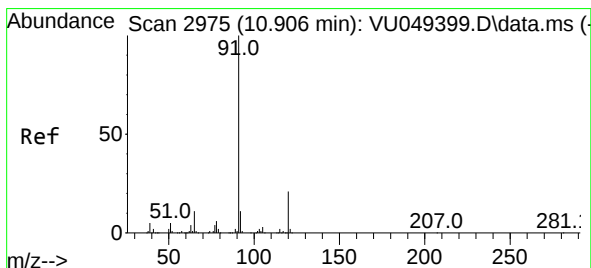
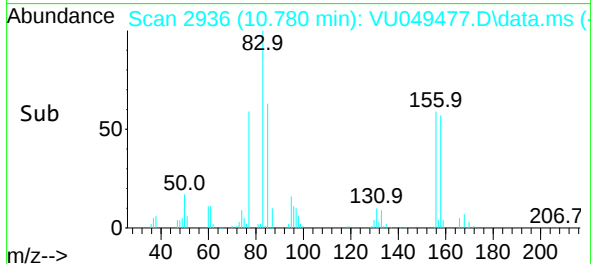
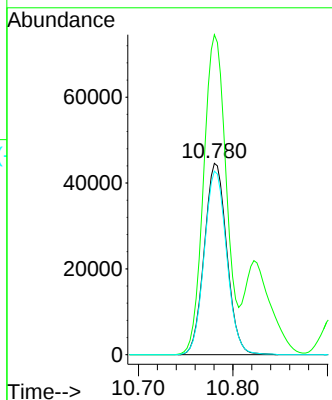
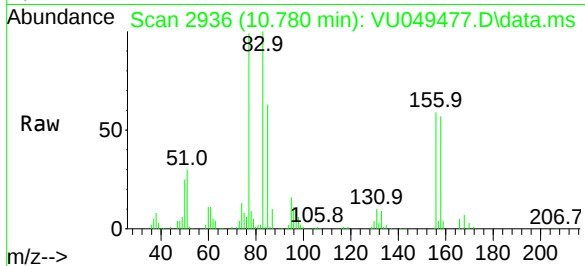




#77
Bromobenzene
Concen: 20.826 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

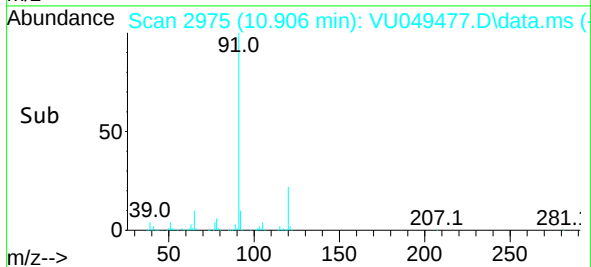
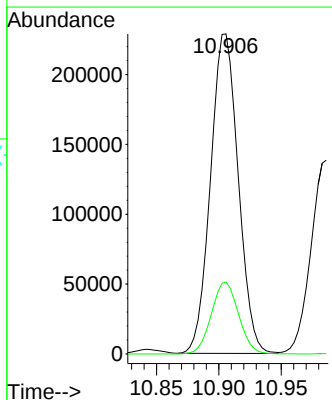
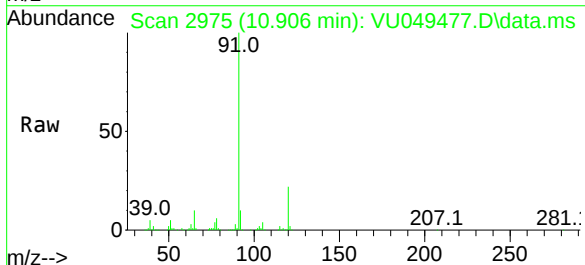
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

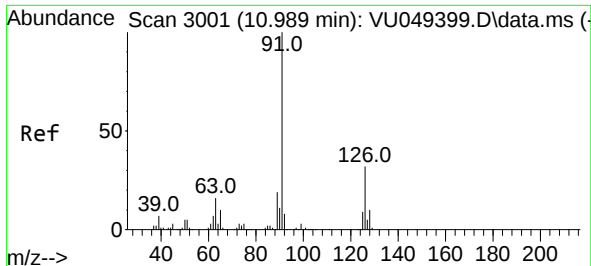
Tgt Ion:156 Resp: 73678
Ion Ratio Lower Upper
156 100
77 167.9 71.9 215.6
158 96.0 48.9 146.8



#78
n-propylbenzene
Concen: 20.102 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 91 Resp: 354027
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5

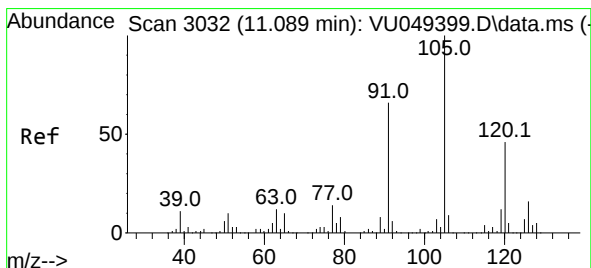
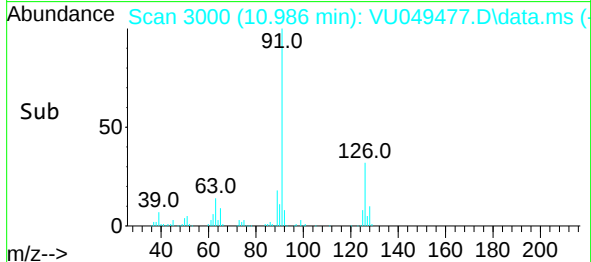
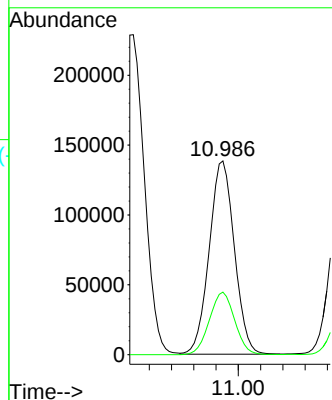
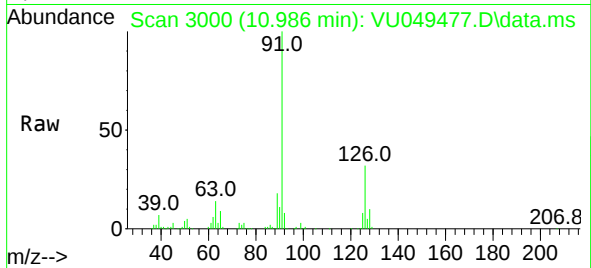




#79
2-Chlorotoluene
Concen: 20.001 ug/l
RT: 10.986 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

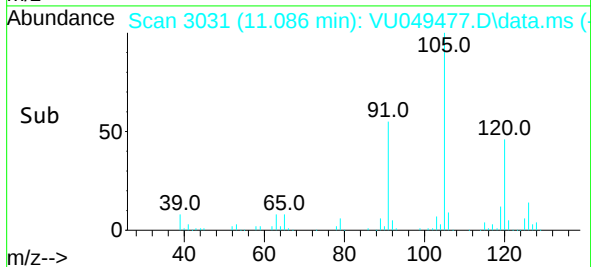
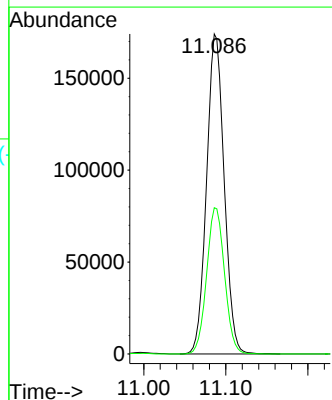
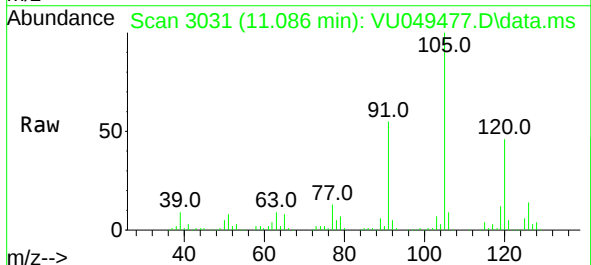
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

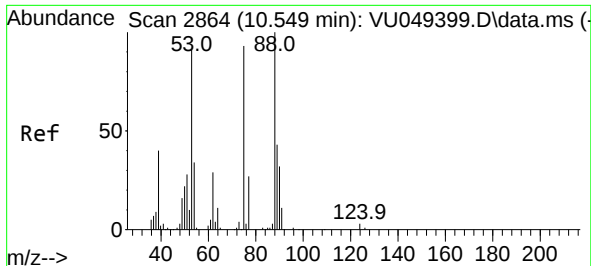
Tgt Ion: 91 Resp: 217015
Ion Ratio Lower Upper
91 100
126 32.6 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 20.514 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion:105 Resp: 259568
Ion Ratio Lower Upper
105 100
120 46.6 25.3 75.9

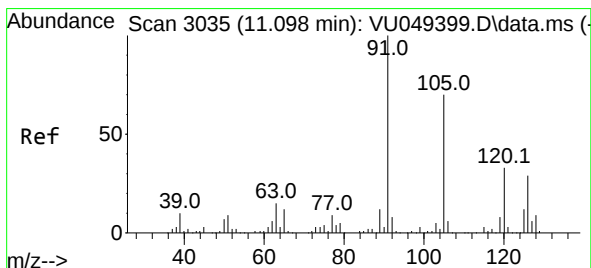
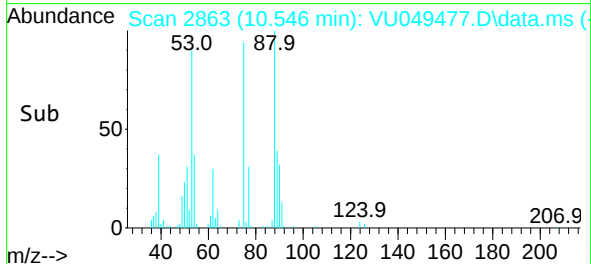
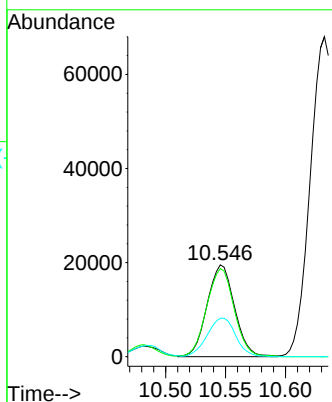
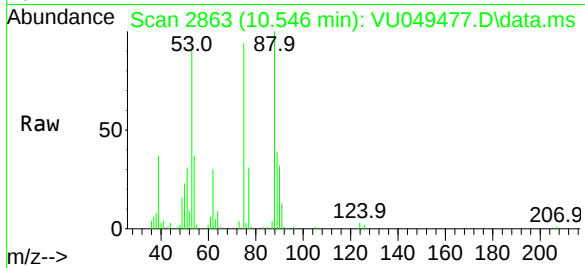




#81
trans-1,4-Dichloro-2-butene
Concen: 16.624 ug/l
RT: 10.546 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

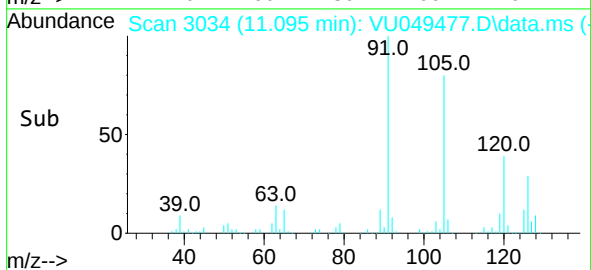
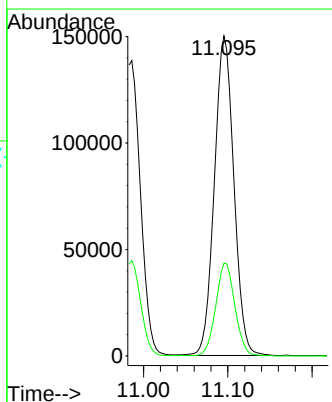
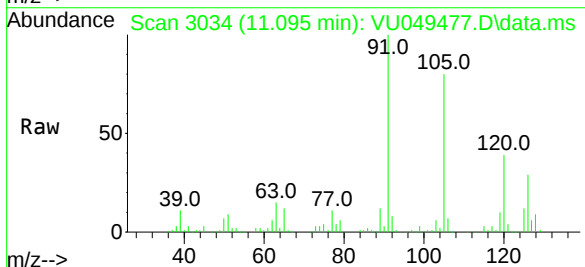
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

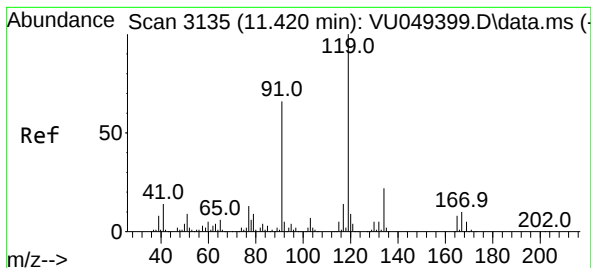
Tgt Ion: 75 Resp: 31048
Ion Ratio Lower Upper
75 100
53 96.3 69.2 103.8
89 43.6 37.0 55.6



#82
4-Chlorotoluene
Concen: 19.730 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 91 Resp: 240766
Ion Ratio Lower Upper
91 100
126 28.5 16.1 48.2





#83

tert-Butylbenzene

Concen: 20.521 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBS02

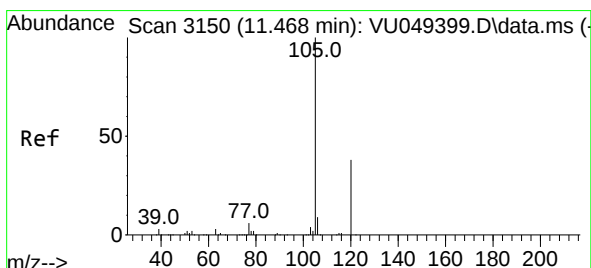
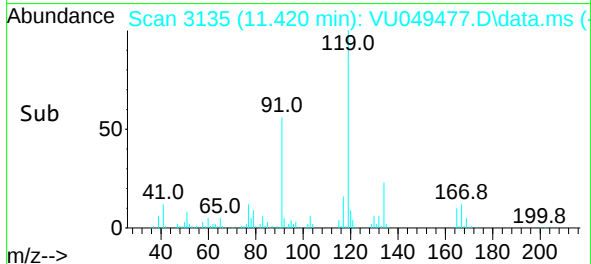
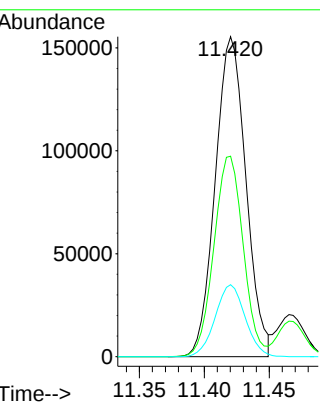
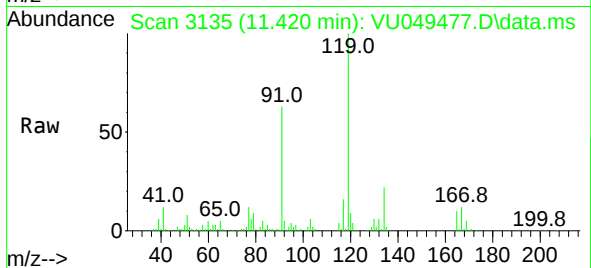
Tgt Ion:119 Resp: 255387

Ion Ratio Lower Upper

119 100

91 60.0 26.8 80.3

134 22.0 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 20.704 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049477.D

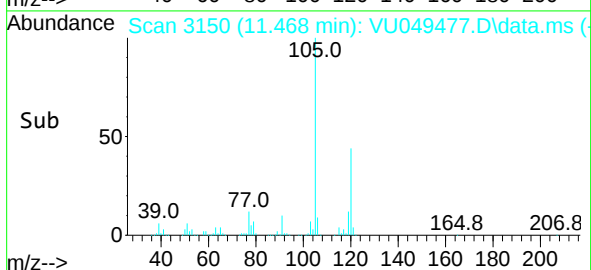
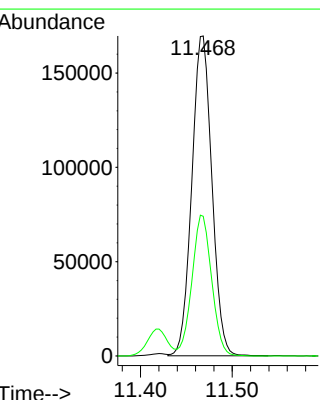
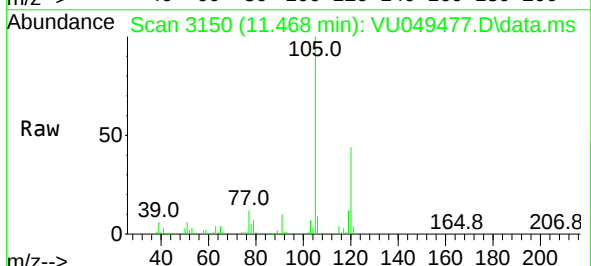
Acq: 28 Jun 2022 23:02

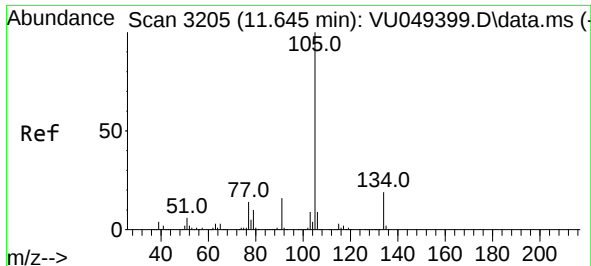
Tgt Ion:105 Resp: 257359

Ion Ratio Lower Upper

105 100

120 43.2 23.4 70.3

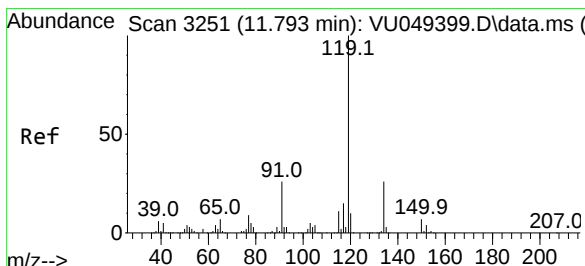
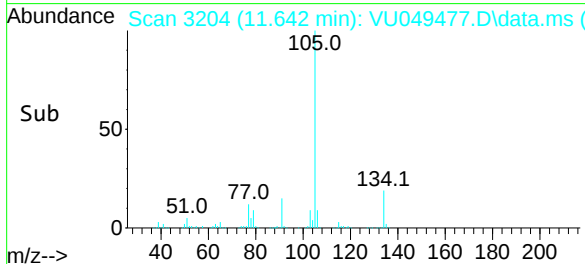
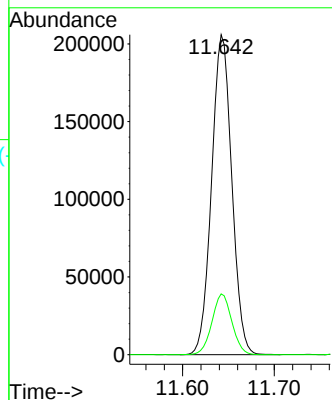
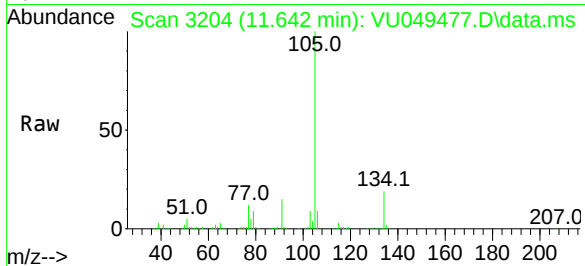




#85
 sec-Butylbenzene
 Concen: 20.133 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049477.D
 Acq: 28 Jun 2022 23:02

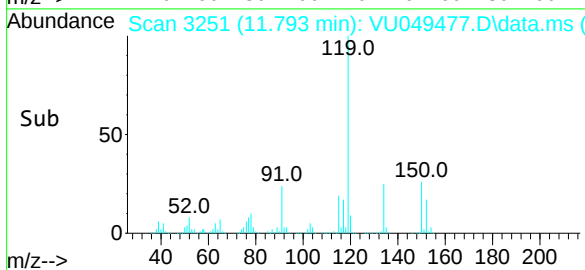
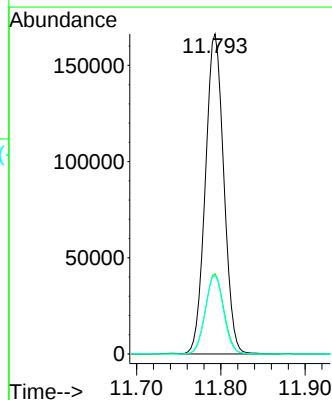
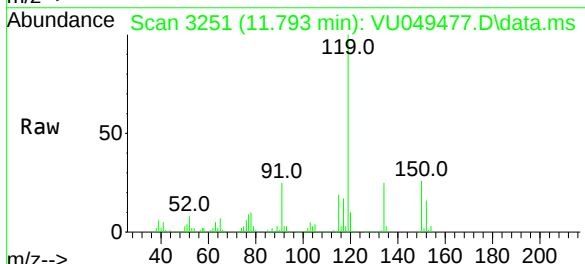
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628WBS02

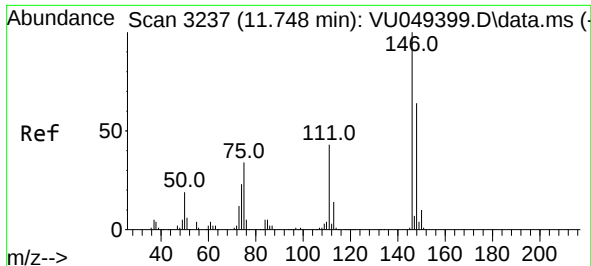
Tgt Ion:105 Resp: 315027
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.026 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049477.D
 Acq: 28 Jun 2022 23:02

Tgt Ion:119 Resp: 253410
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.5 40.4
 91 24.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.556 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBS02

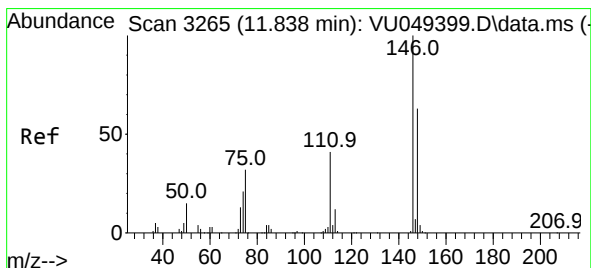
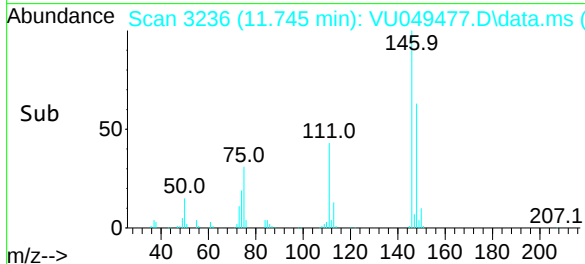
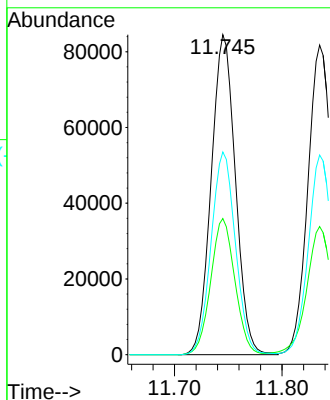
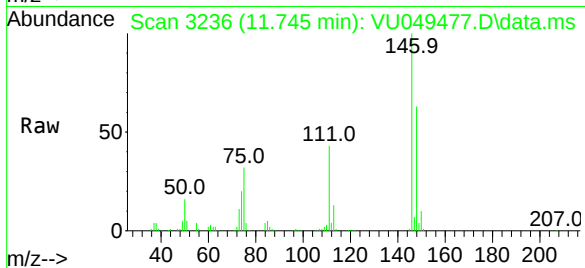
Tgt Ion:146 Resp: 132271

Ion Ratio Lower Upper

146 100

111 42.4 18.9 56.5

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.154 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

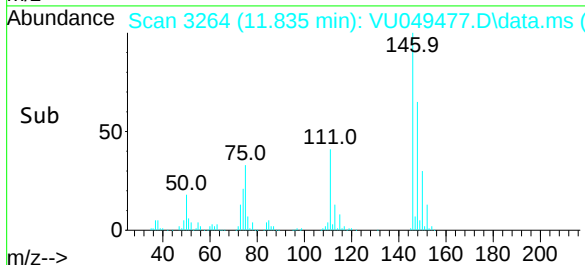
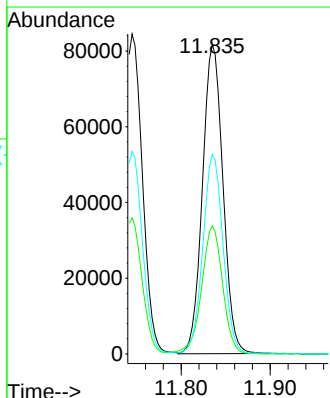
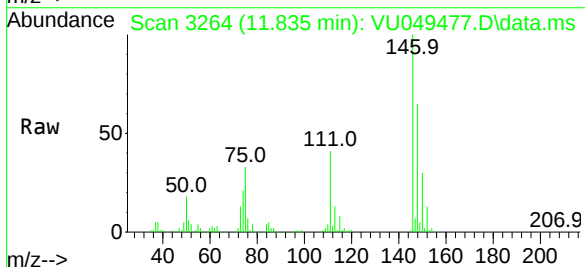
Tgt Ion:146 Resp: 130208

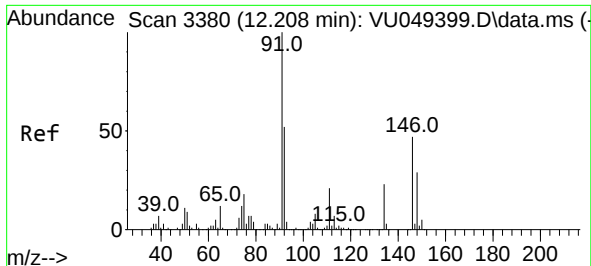
Ion Ratio Lower Upper

146 100

111 42.7 18.5 55.5

148 63.3 31.9 95.7

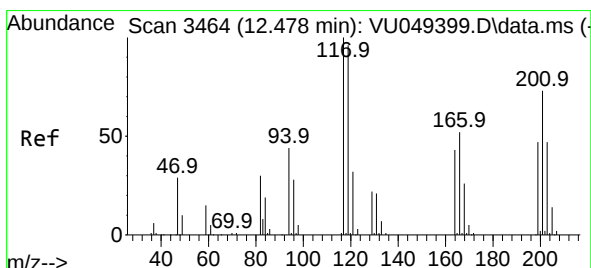
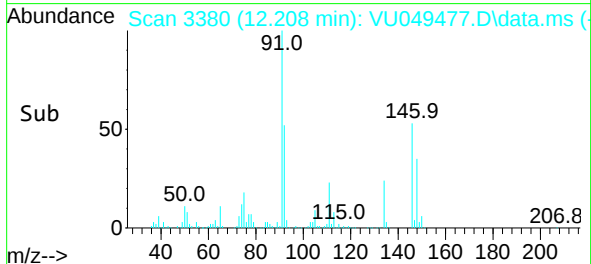
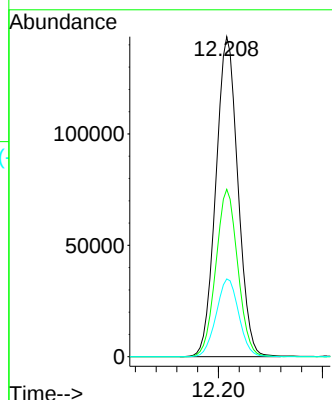
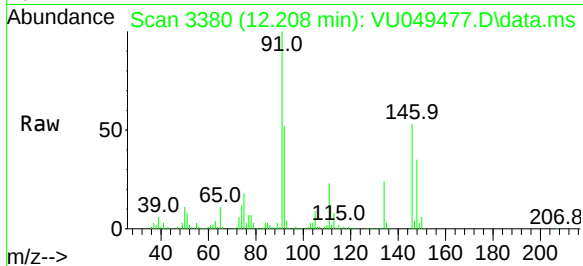




#89
n-Butylbenzene
Concen: 18.082 ug/l
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

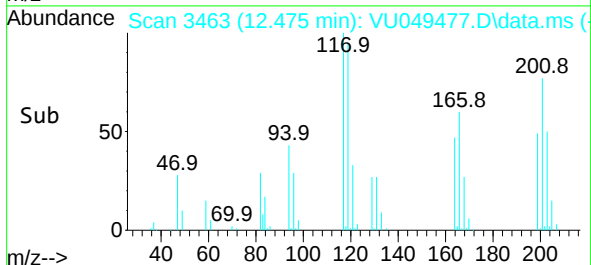
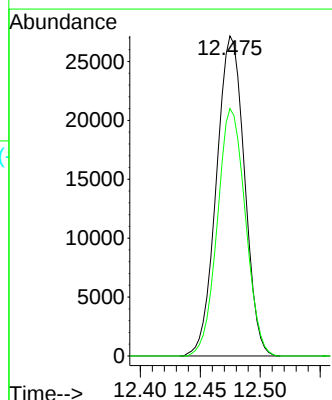
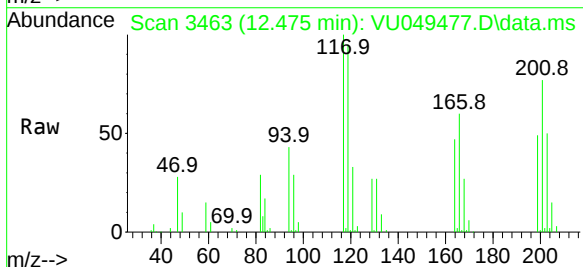
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBS02

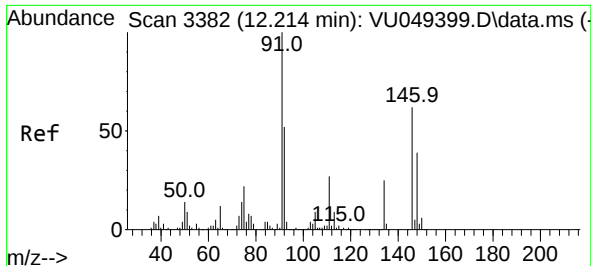
Tgt Ion: 91 Resp: 211803
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.6
134 24.9 13.5 40.4



#90
Hexachloroethane
Concen: 17.511 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049477.D
Acq: 28 Jun 2022 23:02

Tgt Ion: 117 Resp: 44134
Ion Ratio Lower Upper
117 100
201 77.3 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 19.601 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBS02

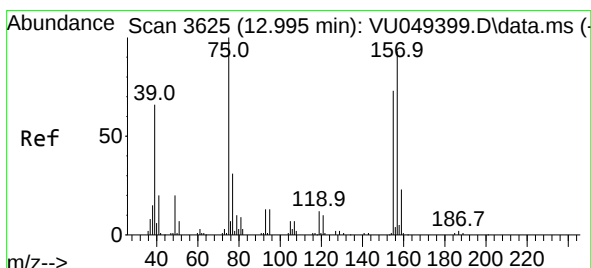
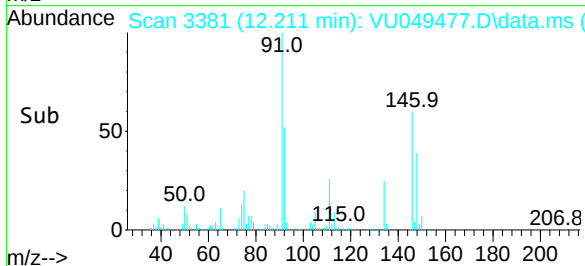
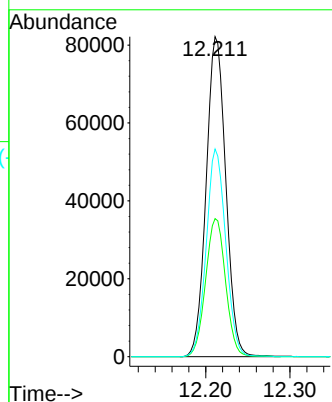
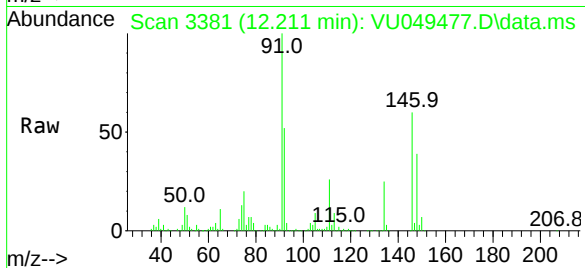
Tgt Ion:146 Resp: 133204

Ion Ratio Lower Upper

146 100

111 44.0 19.9 59.6

148 64.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.649 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

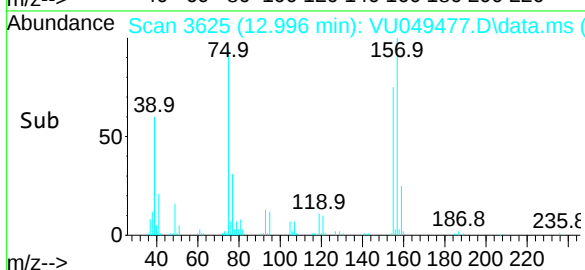
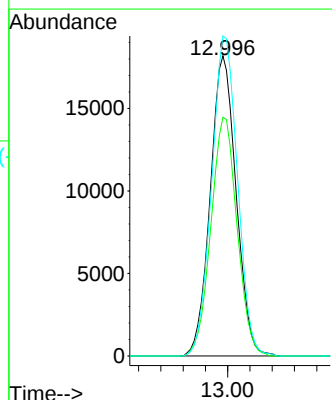
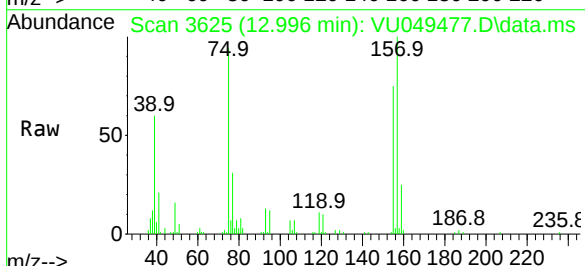
Tgt Ion: 75 Resp: 29359

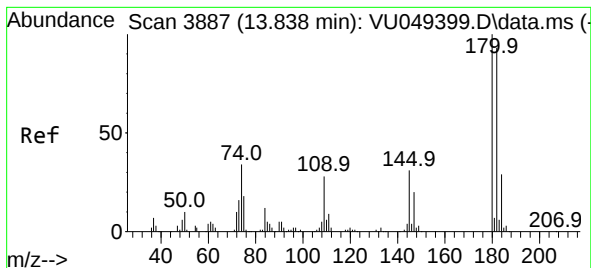
Ion Ratio Lower Upper

75 100

155 80.2 47.8 143.4

157 106.4 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 19.096 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBS02

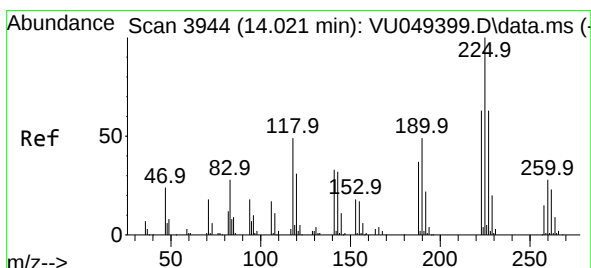
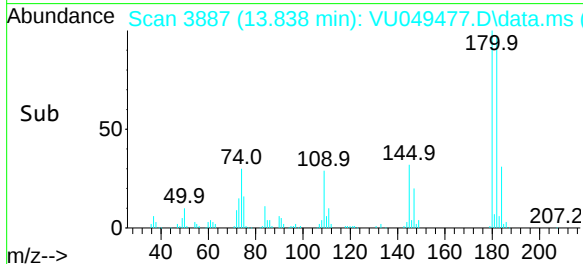
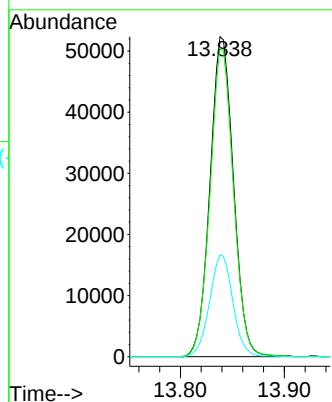
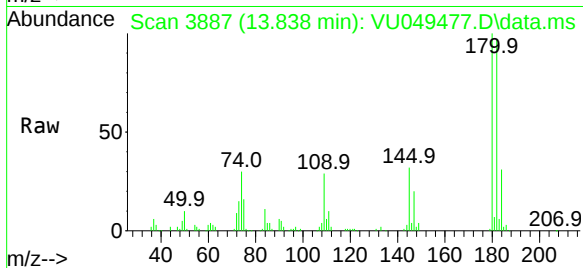
Tgt Ion:180 Resp: 81966

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.6

145 31.6 14.0 41.9



#94

Hexachlorobutadiene

Concen: 16.827 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

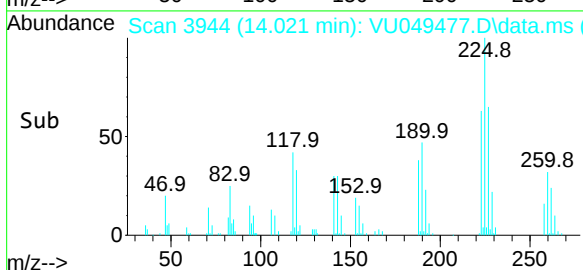
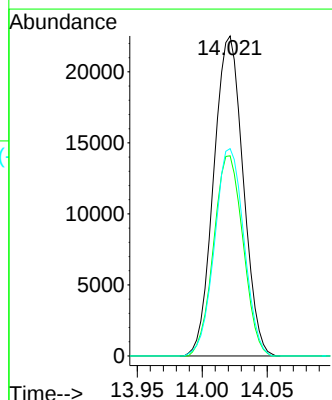
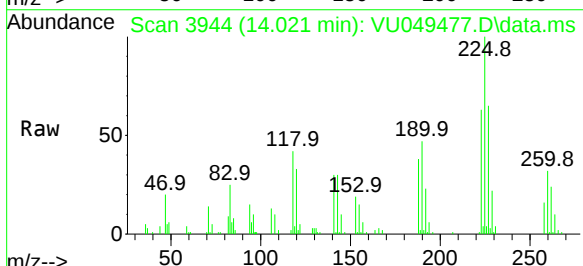
Tgt Ion:225 Resp: 35473

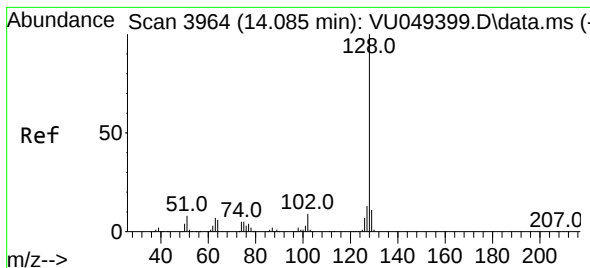
Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.9

227 64.5 32.0 96.2





#95

Naphthalene

Concen: 20.883 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBS02

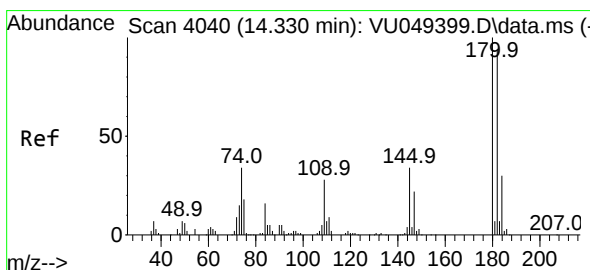
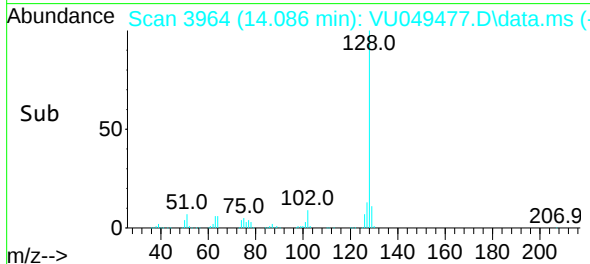
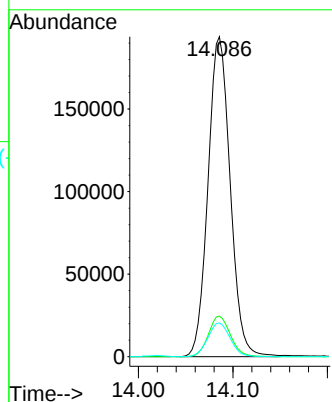
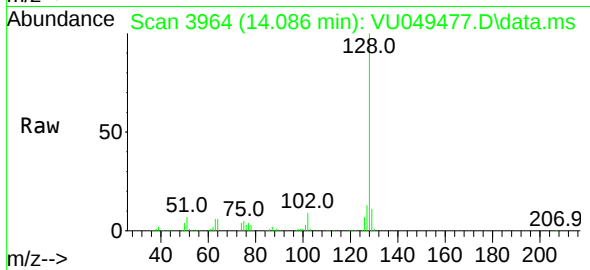
Tgt Ion:128 Resp: 315952

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.930 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU049477.D

Acq: 28 Jun 2022 23:02

Tgt Ion:180 Resp: 85243

Ion Ratio Lower Upper

180 100

182 97.1 48.4 145.0

145 35.4 14.8 44.4

