

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082922\
 Data File : VU050499.D
 Acq On : 29 Aug 2022 21:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:19:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	359734	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	351372	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	161332	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	149411	35.126	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.260%
7) Chloroethane-d5	1.899	69	132168	41.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.980%
11) 1,1-Dichloroethene-d2	2.562	63	230368	38.323	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.640%
21) 2-Butanone-d5	4.626	46	300965	108.099	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.100%
24) Chloroform-d	5.063	84	307119	44.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
26) 1,2-Dichloroethane-d4	5.700	65	194427	45.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
32) Benzene-d6	5.726	84	599324	46.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	6.690	67	205402	47.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	7.899	98	528101	46.486	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.980%
43) trans-1,3-Dichloroprop...	8.179	79	73838	41.156	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.320%
47) 2-Hexanone-d5	8.636	63	185067	115.947	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.950%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	313861	47.312	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.620%
66) 1,2-Dichlorobenzene-d4	12.195	152	180916	46.944	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	110076	39.146	ug/L	97
3) Chloromethane	1.517	50	146733	44.837	ug/L	100
5) Vinyl chloride	1.600	62	132219	41.317	ug/L	98
6) Bromomethane	1.842	94	54248	45.845	ug/L	92
8) Chloroethane	1.922	64	90868	46.740	ug/L	98
9) Trichlorofluoromethane	2.131	101	163448	40.145	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	103014	41.269	ug/L	99
12) 1,1-Dichloroethene	2.575	96	96066	43.533	ug/L	98
13) Acetone	2.629	43	169073	92.360	ug/L	99
14) Carbon disulfide	2.787	76	170357	30.252	ug/L	100
15) Methyl Acetate	2.951	43	181458	55.096	ug/L	97
16) Methylene chloride	3.041	84	151948	49.407	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	104897	45.219	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	430136	58.584	ug/L	99
19) 1,1-Dichloroethane	3.867	63	249522	49.649	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	144634	52.065	ug/L	99
22) 2-Butanone	4.706	43	275275	110.956	ug/L	100
23) Bromochloromethane	4.973	128	75150	49.531	ug/L	97
25) Chloroform	5.086	83	264640	49.427	ug/L	100

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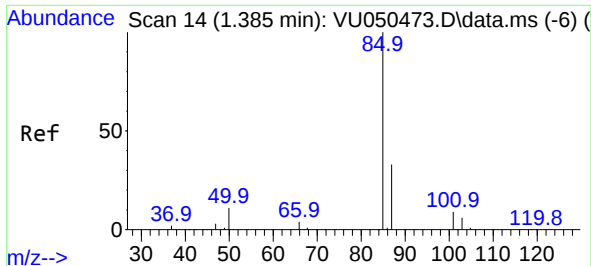
Quant Time: Aug 30 02:19:54 2022
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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	204776	51.272	ug/L	98
29) Cyclohexane	5.388	56	142626	44.126	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	182933	45.506	ug/L	99
31) Carbon tetrachloride	5.523	117	134035	40.629	ug/L	99
33) Benzene	5.774	78	564646	53.076	ug/L	100
34) Trichloroethene	6.542	95	122397	48.605	ug/L	99
35) Methylcyclohexane	6.761	83	144140	40.935	ug/L	99
37) 1,2-Dichloropropane	6.790	63	163231	52.823	ug/L	100
38) Bromodichloromethane	7.105	83	182824	46.373	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	200237	49.344	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	497051	121.041	ug/L	99
42) Toluene	7.970	91	569464	53.130	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	185771	49.113	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	162112	53.314	ug/L	96
46) Tetrachloroethene	8.552	164	82837	44.789	ug/L	99
48) 2-Hexanone	8.687	43	398218	116.119	ug/L	98
49) Dibromochloromethane	8.809	129	137445	43.637	ug/L	99
50) 1,2-Dibromoethane	8.925	107	158587	52.188	ug/L	99
51) Chlorobenzene	9.446	112	357116	50.771	ug/L	99
52) Ethylbenzene	9.571	91	557908	51.645	ug/L	99
53) m,p-Xylene	9.693	106	214240	53.106	ug/L	97
54) o-Xylene	10.102	106	221153	55.178	ug/L	96
55) Styrene	10.115	104	382440	56.077	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	293514	52.827	ug/L	99
59) Bromoform	10.291	173	97194	42.070	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	226298	54.432	ug/L	100
61) Isopropylbenzene	10.484	105	527867	52.898	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	436483	54.172	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	439260	55.895	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	250365	51.313	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	247985	50.468	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	270954	52.808	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	51636	46.733	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	167804	49.892	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	148988	55.313	ug/L	99
71) Naphthalene	14.089	128	596137	67.469	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	174055	59.125	ug/L	99

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

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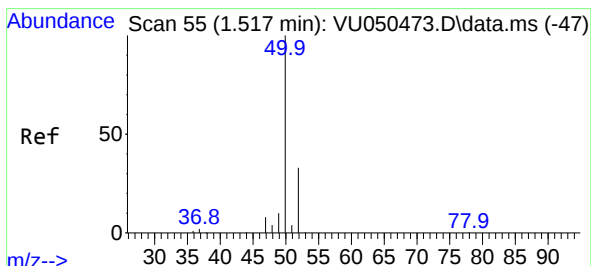
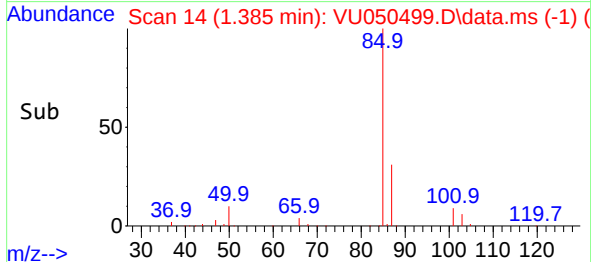
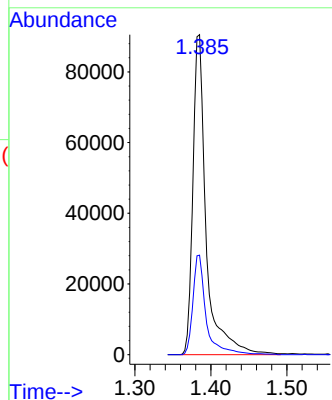
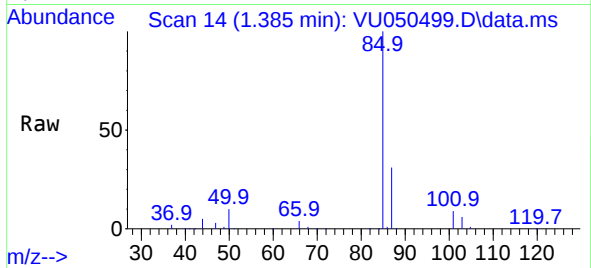




#2
Dichlorodifluoromethane
Concen: 39.146 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

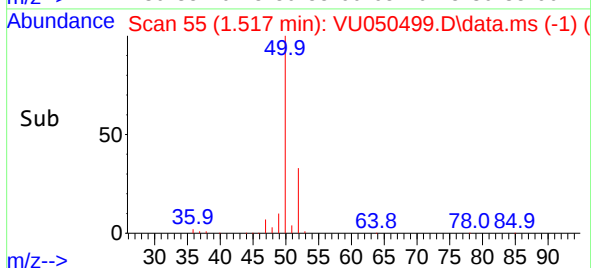
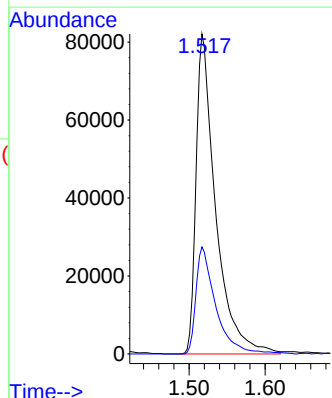
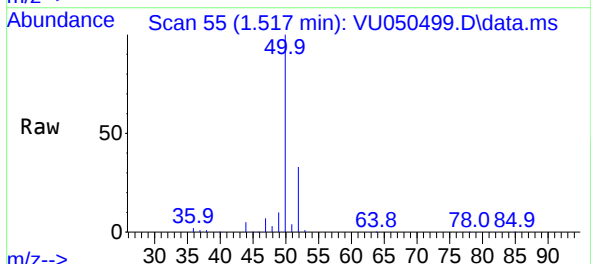
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MSVOA_U
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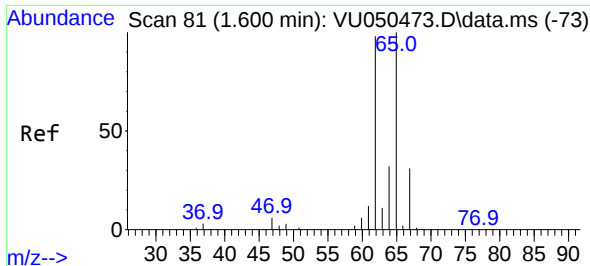
Tgt Ion: 85 Resp: 110076
Ion Ratio Lower Upper
85 100
87 31.0 26.2 39.4



#3
Chloromethane
Concen: 44.837 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

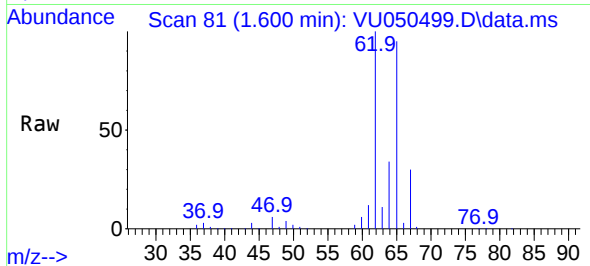
Tgt Ion: 50 Resp: 146733
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.6



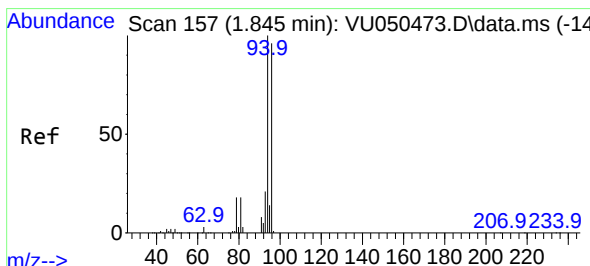
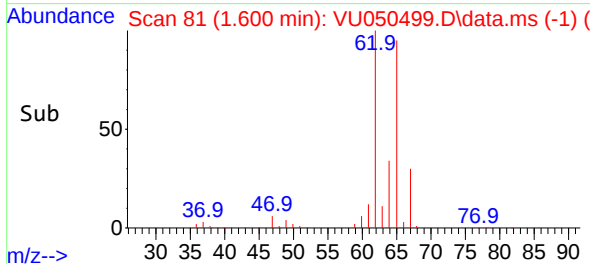
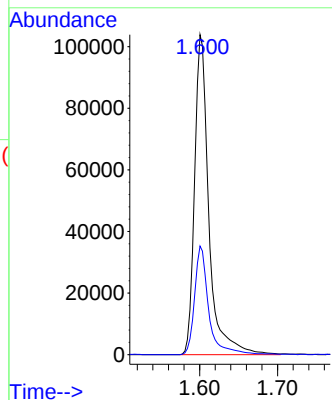


#5
 Vinyl chloride
 Concen: 41.317 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050499.D
 Acq: 29 Aug 2022 21:06

Instrument :
 MSVOA_U
 ClientSampleId :

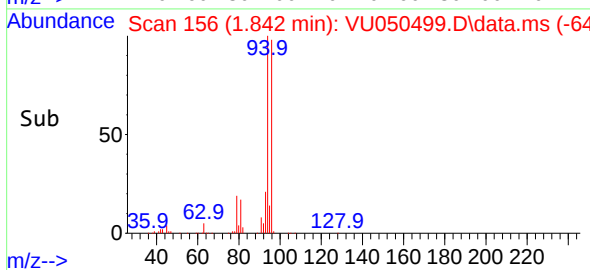
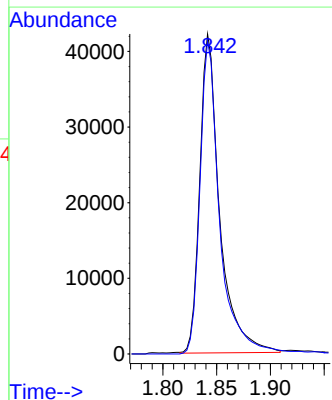
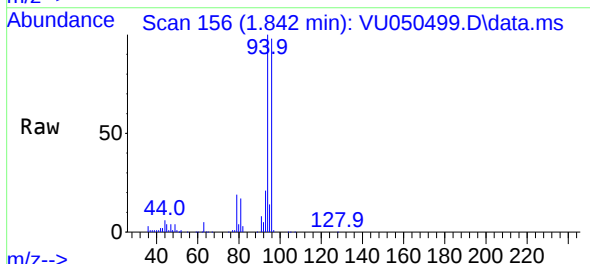


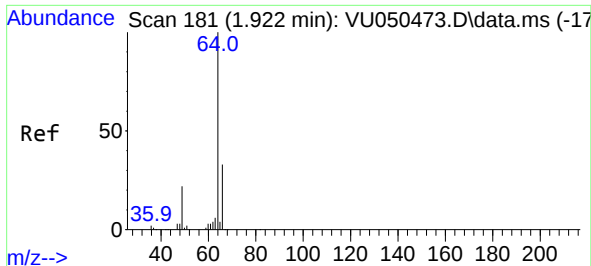
Tgt Ion: 62 Resp: 132219
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.1 42.9



#6
 Bromomethane
 Concen: 45.845 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.003 min
 Lab File: VU050499.D
 Acq: 29 Aug 2022 21:06

Tgt Ion: 94 Resp: 54248
 Ion Ratio Lower Upper
 94 100
 96 97.8 63.3 117.5

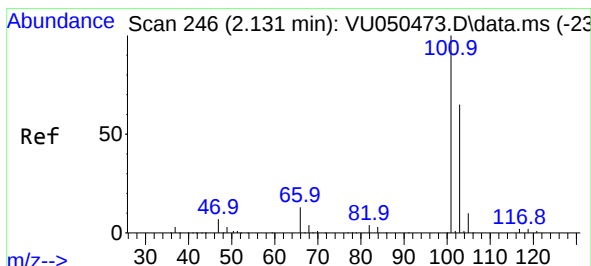
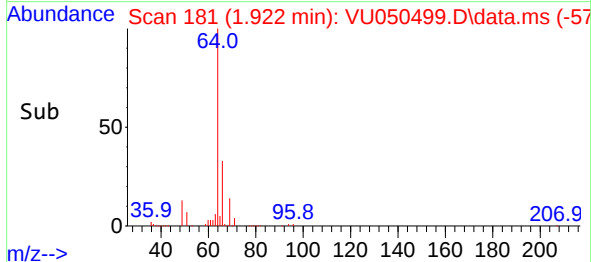
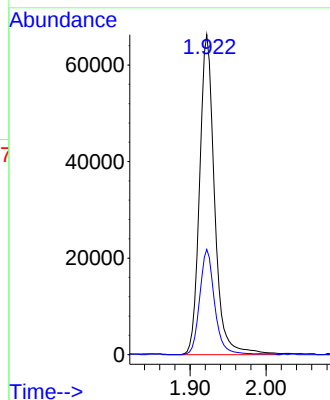
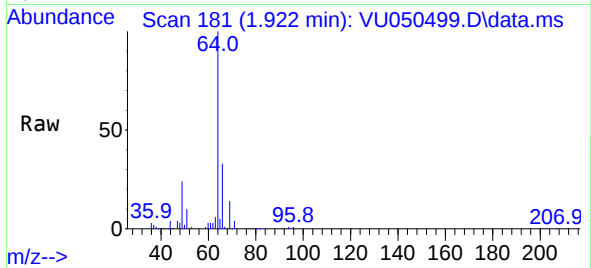




#8
Chloroethane
Concen: 46.740 ug/L
RT: 1.922 min Scan# 181
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

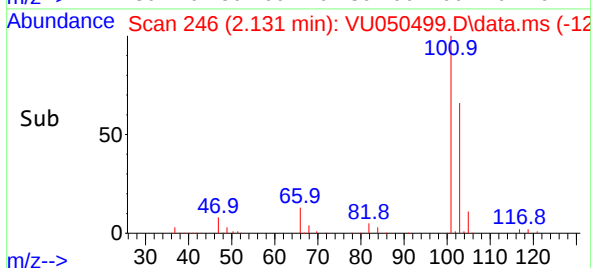
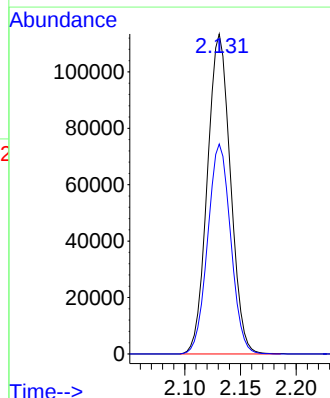
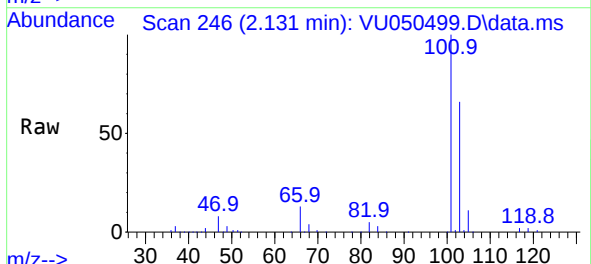
Instrument :
MSVOA_U
ClientSampleId :

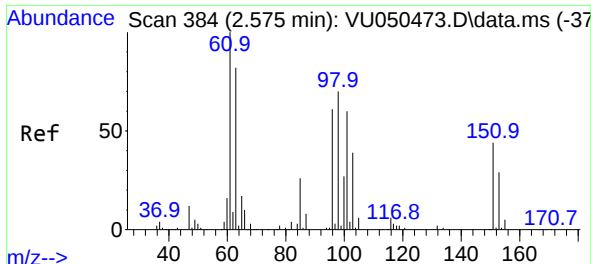
Tgt Ion: 64 Resp: 90868
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 40.145 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion:101 Resp: 163448
Ion Ratio Lower Upper
101 100
103 65.4 51.1 76.7

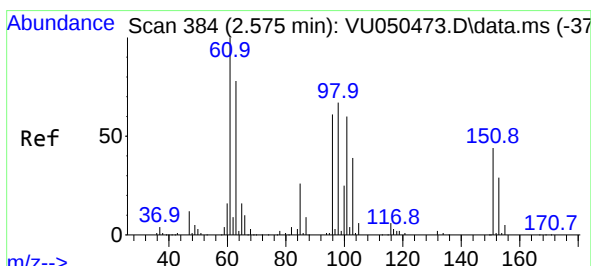
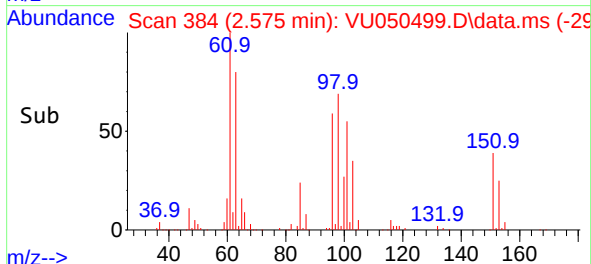
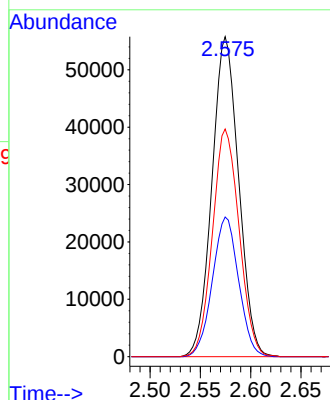
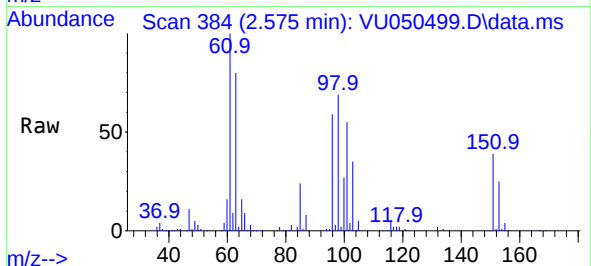




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.269 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

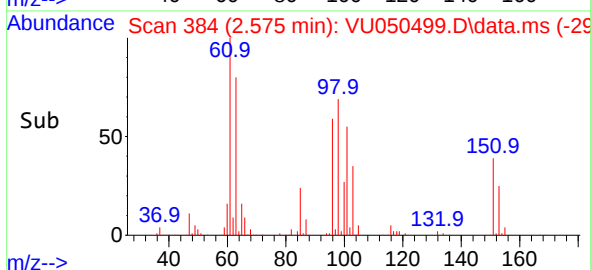
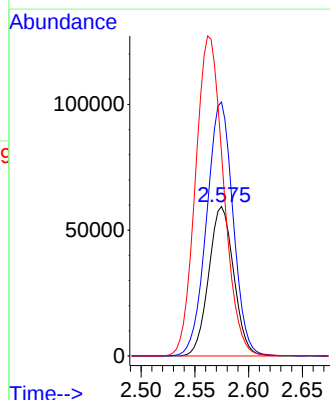
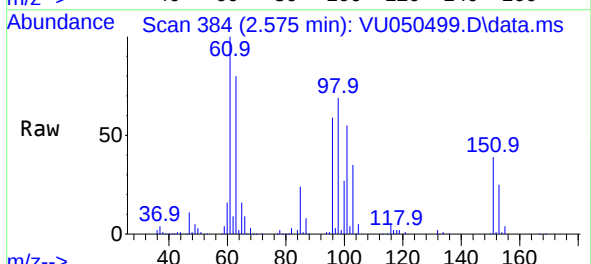
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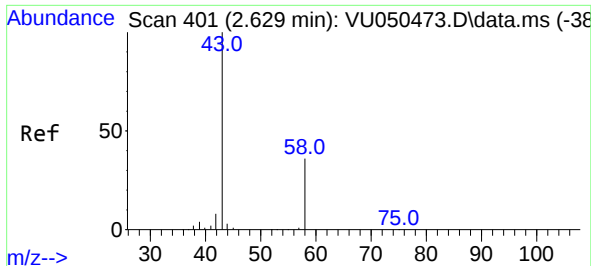
Tgt Ion:101 Resp: 103014
Ion Ratio Lower Upper
101 100
85 42.9 35.3 52.9
151 71.1 57.3 85.9



#12
1,1-Dichloroethene
Concen: 43.533 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion: 96 Resp: 96066
Ion Ratio Lower Upper
96 100
61 169.8 116.8 216.8
63 136.2 97.4 180.8





#13

Acetone

Concen: 92.360 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.000 min

Lab File: VU050499.D

Acq: 29 Aug 2022 21:06

Instrument :

MSVOA_U

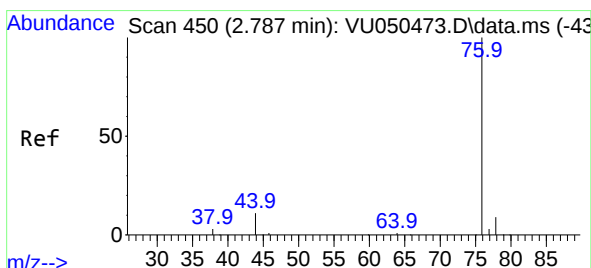
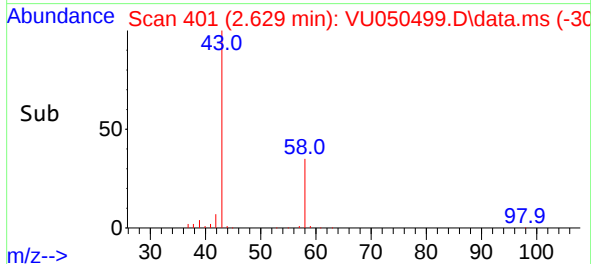
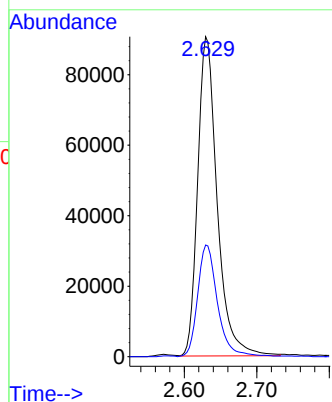
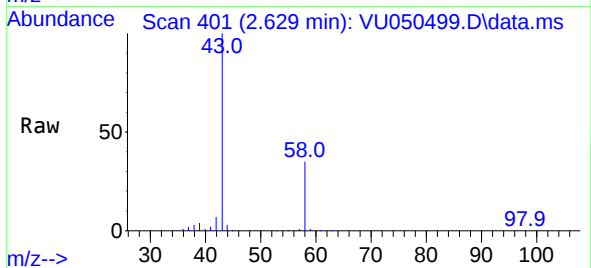
ClientSampleId :

Tgt Ion: 43 Resp: 169073

Ion Ratio Lower Upper

43 100

58 35.5 0.0 72.2



#14

Carbon disulfide

Concen: 30.252 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU050499.D

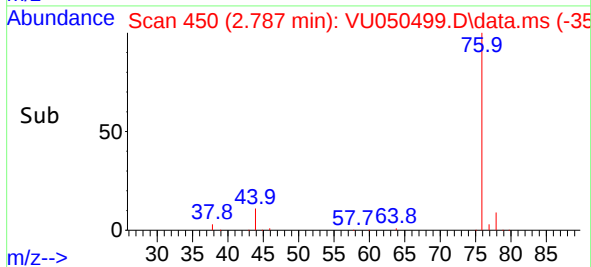
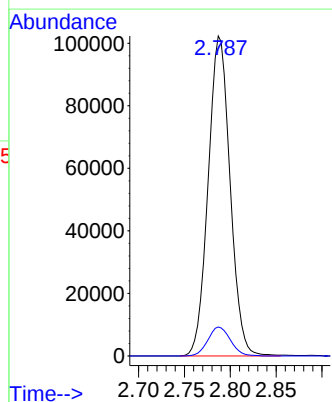
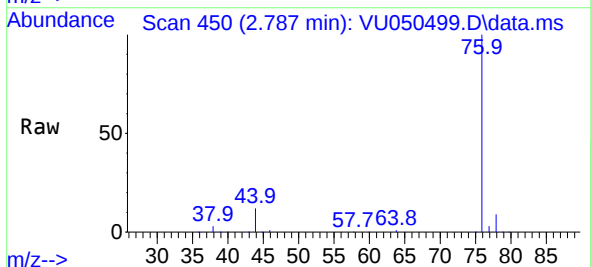
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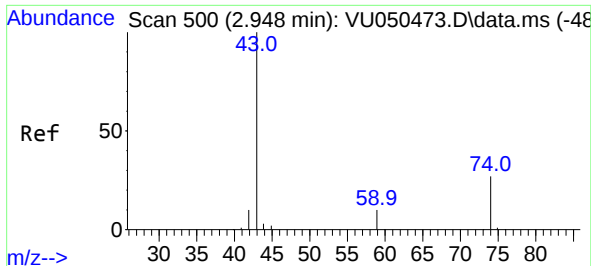
Tgt Ion: 76 Resp: 170357

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

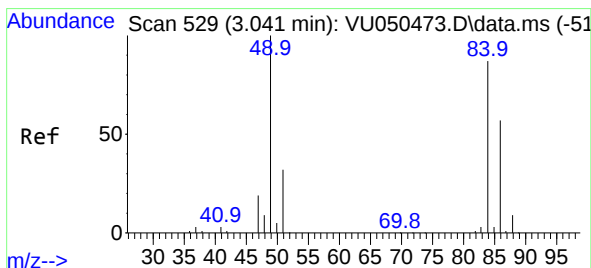
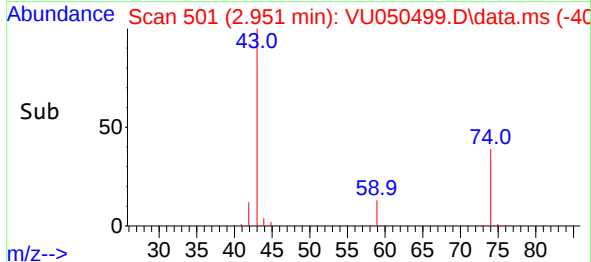
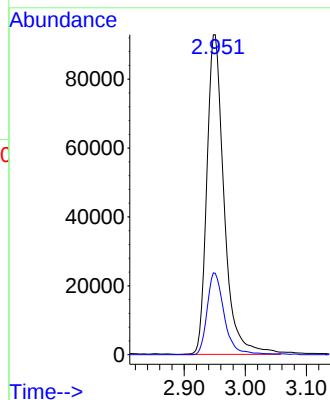
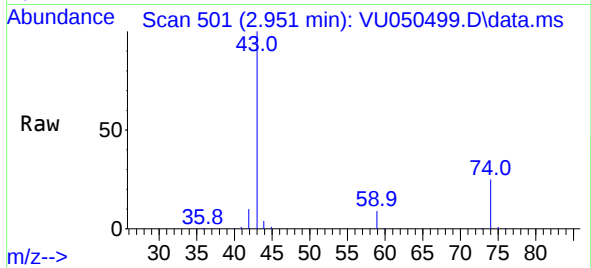




#15
Methyl Acetate
Concen: 55.096 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

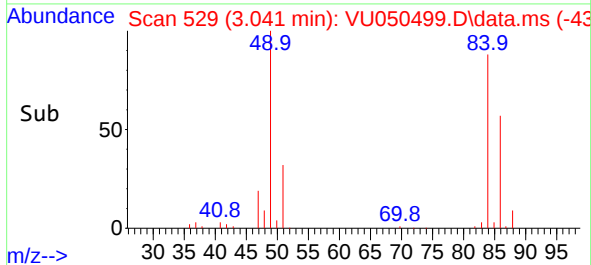
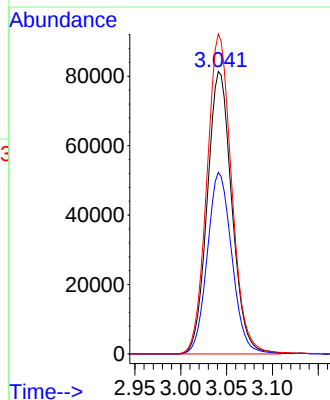
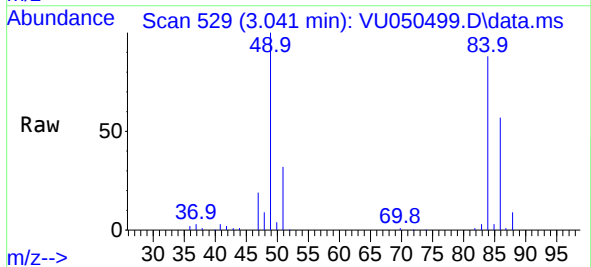
Instrument :
MSVOA_U
ClientSampleId :

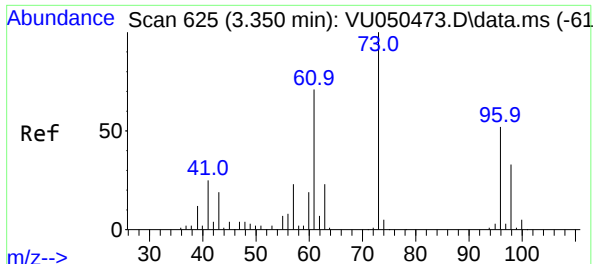
Tgt Ion: 43 Resp: 181458
Ion Ratio Lower Upper
43 100
74 25.1 21.2 31.8



#16
Methylene chloride
Concen: 49.407 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

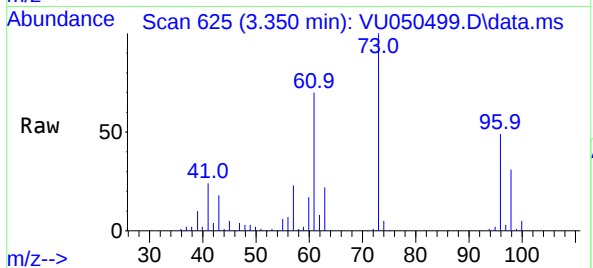
Tgt Ion: 84 Resp: 151948
Ion Ratio Lower Upper
84 100
86 64.3 43.9 81.5
49 113.3 80.4 149.4



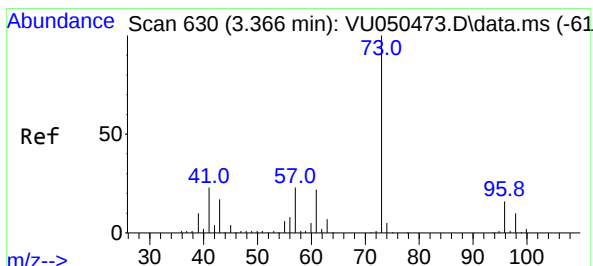
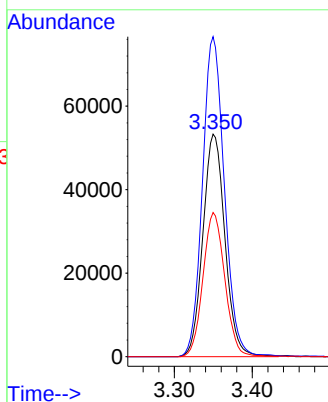
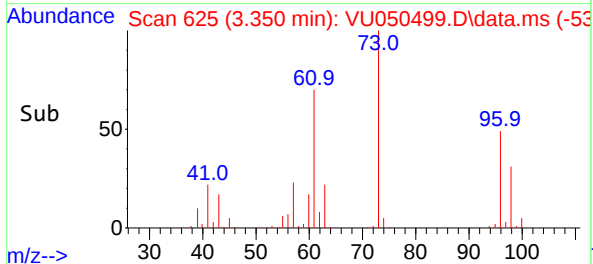


#17
trans-1,2-Dichloroethene
Concen: 45.219 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

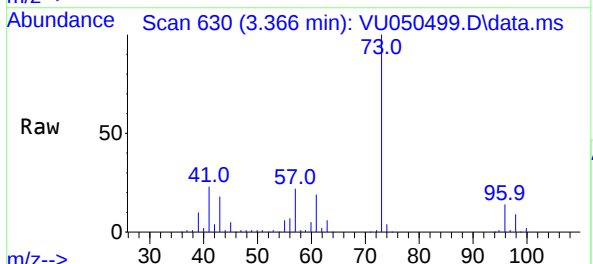
Instrument :
MSVOA_U
ClientSampleId :



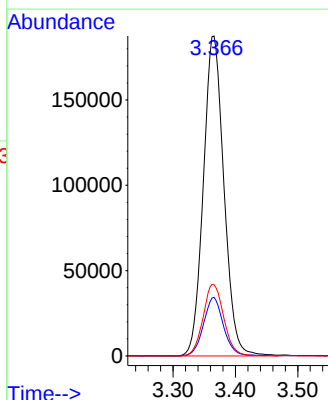
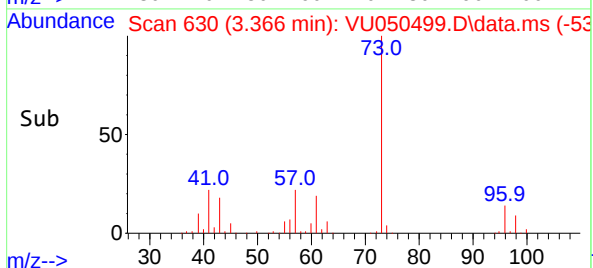
Tgt Ion: 96 Resp: 104897
Ion Ratio Lower Upper
96 100
61 143.8 98.5 182.9
98 64.8 45.7 84.9

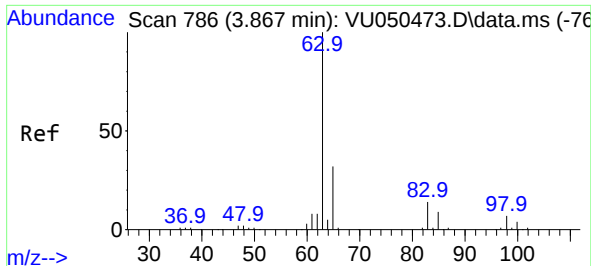


#18
Methyl tert-butyl Ether
Concen: 58.584 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06



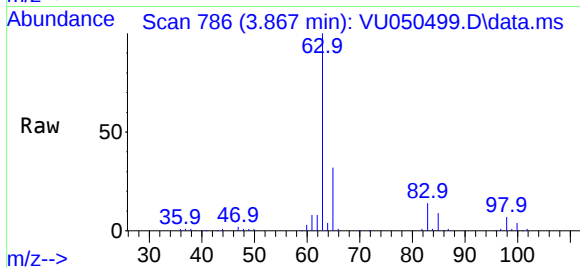
Tgt Ion: 73 Resp: 430136
Ion Ratio Lower Upper
73 100
43 17.7 14.4 21.6
57 22.5 17.8 26.8



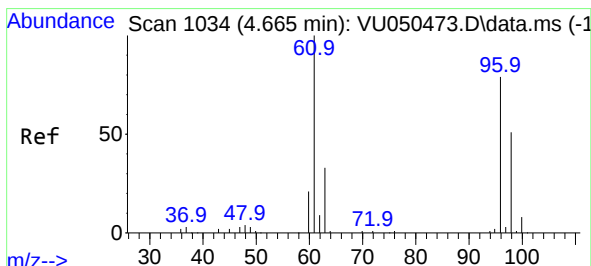
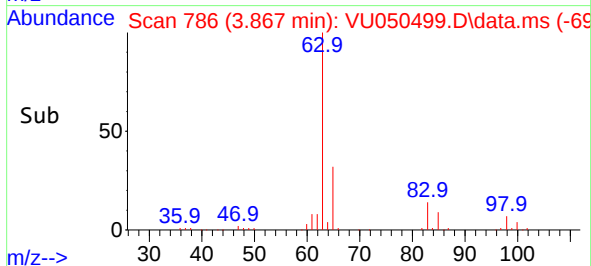
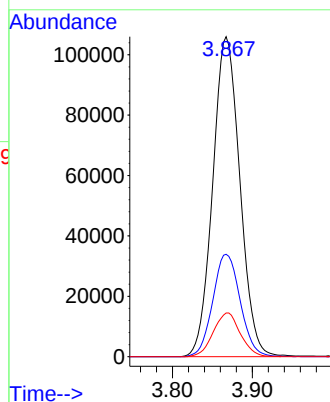


#19
1,1-Dichloroethane
Concen: 49.649 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Instrument :
MSVOA_U
ClientSampleId :

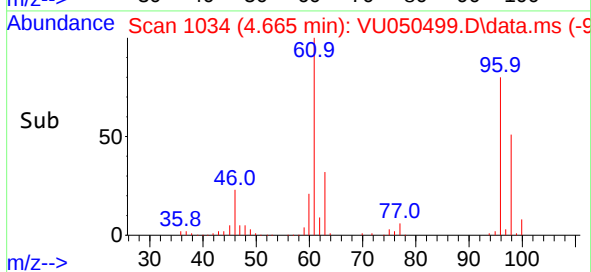
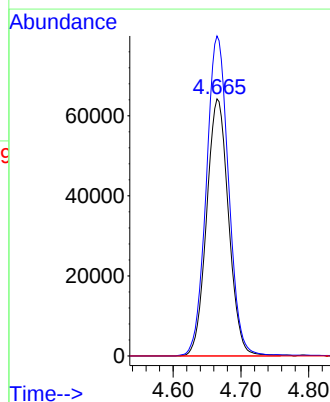
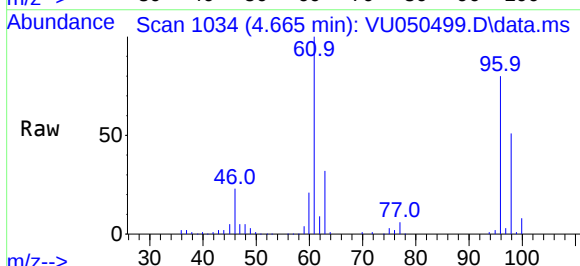


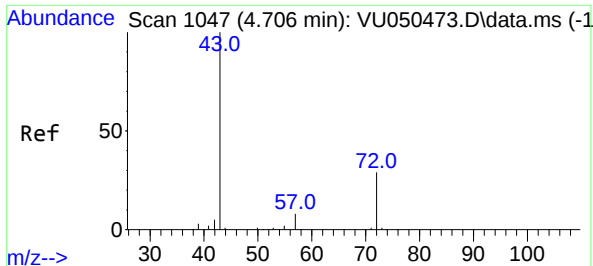
Tgt Ion: 63 Resp: 249522
Ion Ratio Lower Upper
63 100
65 32.0 23.3 43.3
83 13.7 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 52.065 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion: 96 Resp: 144634
Ion Ratio Lower Upper
96 100
61 124.5 88.1 163.5
68 0.0 0.0 0.0

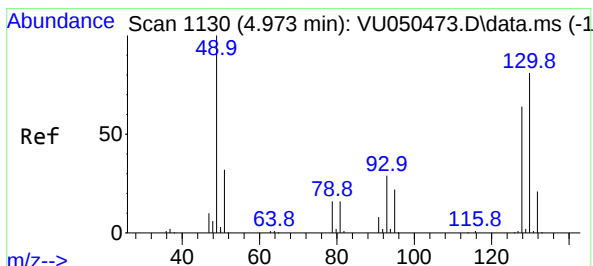
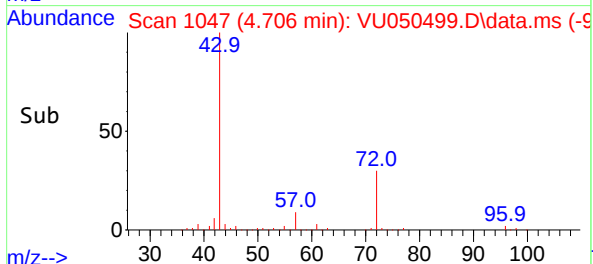
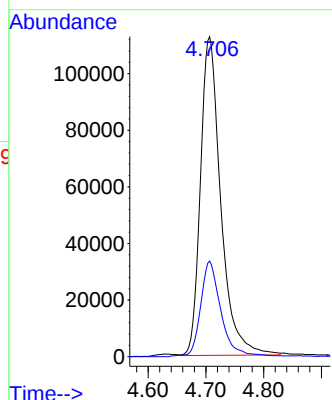
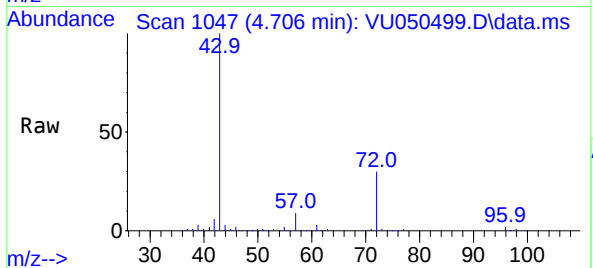




#22
2-Butanone
Concen: 110.956 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

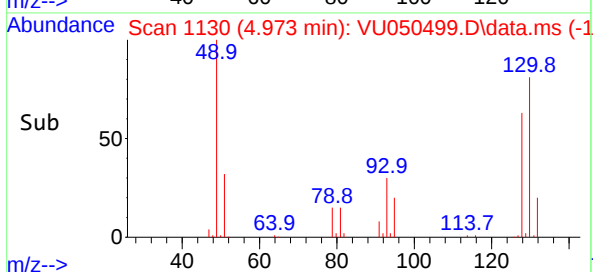
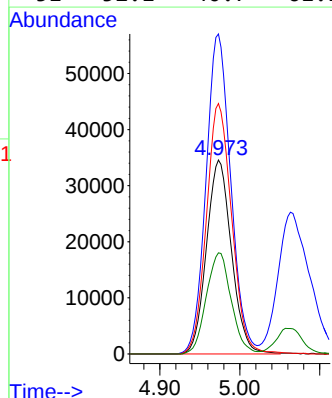
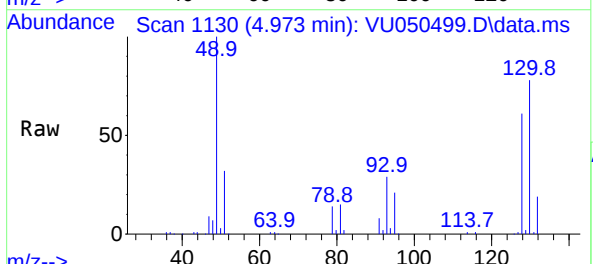
Instrument :
MSVOA_U
ClientSampleId :

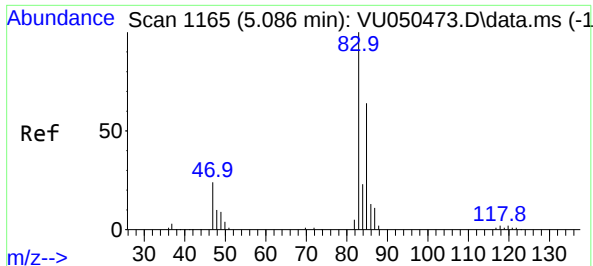
Tgt Ion: 43 Resp: 275275
Ion Ratio Lower Upper
43 100
72 30.0 15.0 45.0



#23
Bromochloromethane
Concen: 49.531 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion:128 Resp: 75150
Ion Ratio Lower Upper
128 100
49 165.0 111.2 206.4
130 129.1 91.1 169.1
51 52.1 40.7 61.1





#25

Chloroform

Concen: 49.427 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050499.D

Acq: 29 Aug 2022 21:06

Instrument :

MSVOA_U

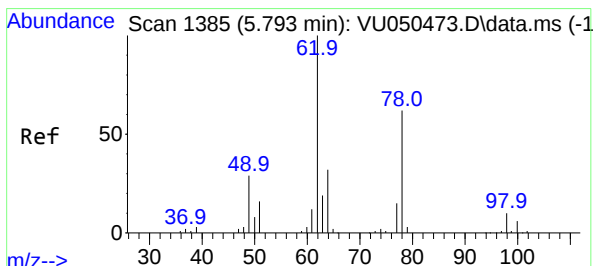
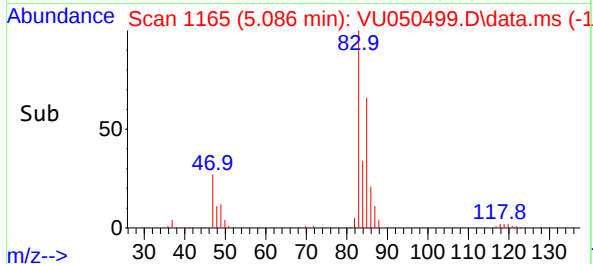
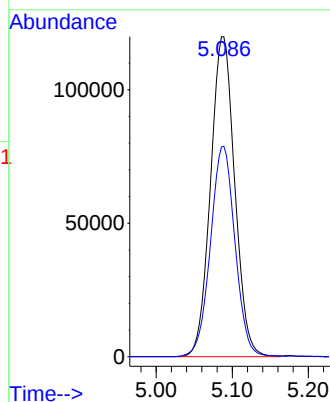
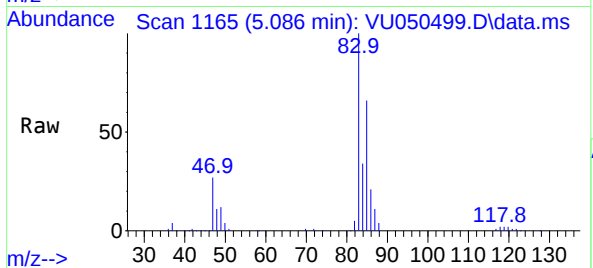
ClientSampleId :

Tgt Ion: 83 Resp: 264640

Ion Ratio Lower Upper

83 100

85 65.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 51.272 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050499.D

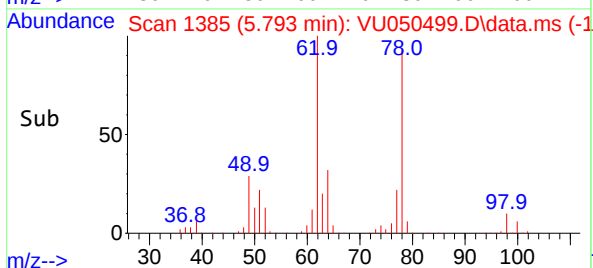
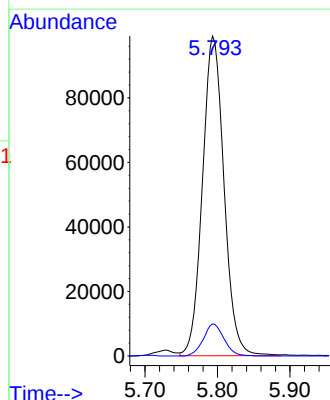
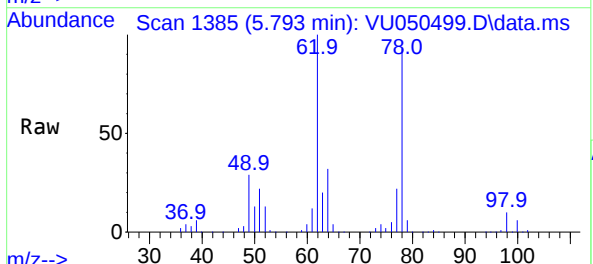
Acq: 29 Aug 2022 21:06

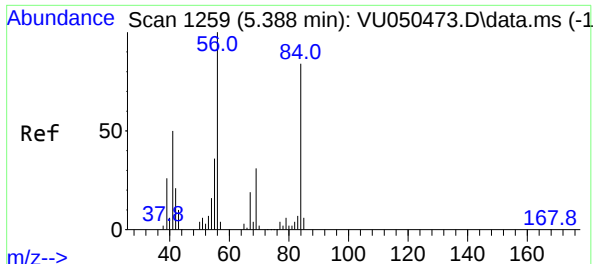
Tgt Ion: 62 Resp: 204776

Ion Ratio Lower Upper

62 100

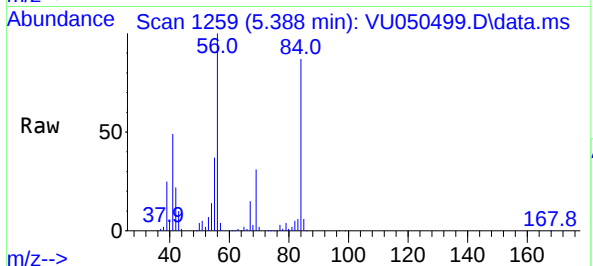
98 10.0 7.3 10.9



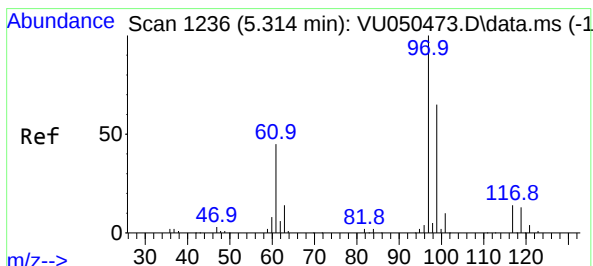
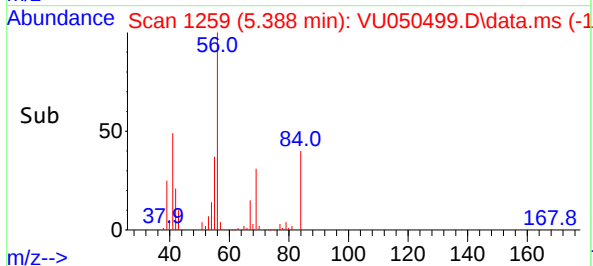
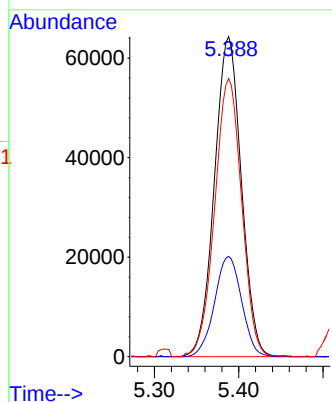


#29
Cyclohexane
Concen: 44.126 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Instrument :
MSVOA_U
ClientSampleId :

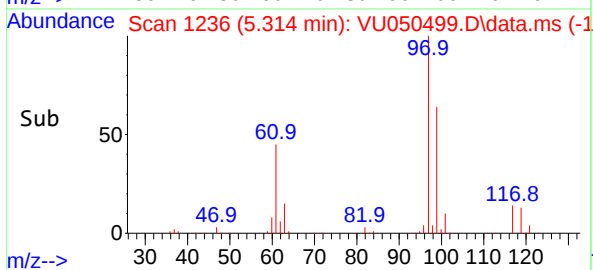
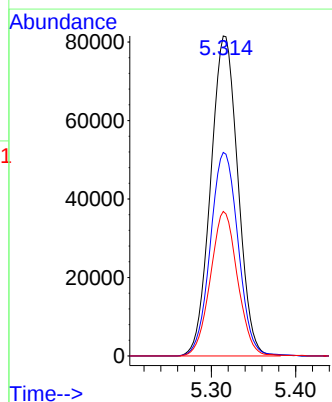
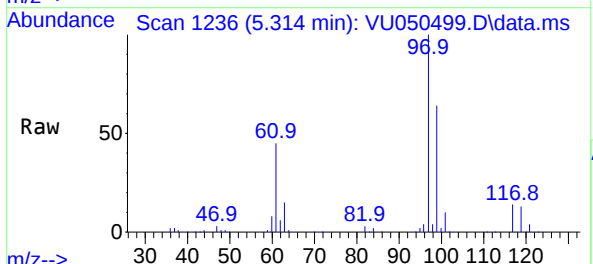


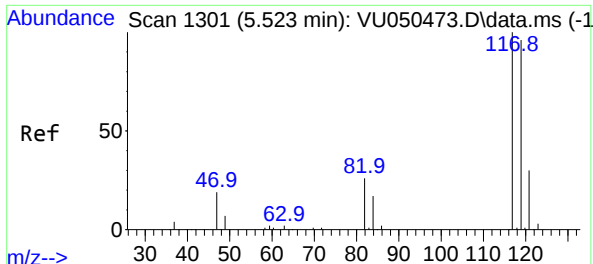
Tgt Ion: 56 Resp: 142626
Ion Ratio Lower Upper
56 100
69 31.5 24.6 36.8
84 86.2 68.8 103.2



#30
1,1,1-Trichloroethane
Concen: 45.506 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion: 97 Resp: 182933
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 45.0 36.6 55.0

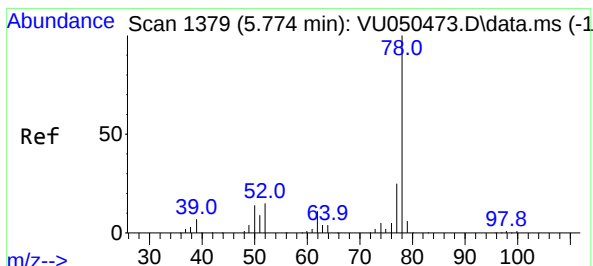
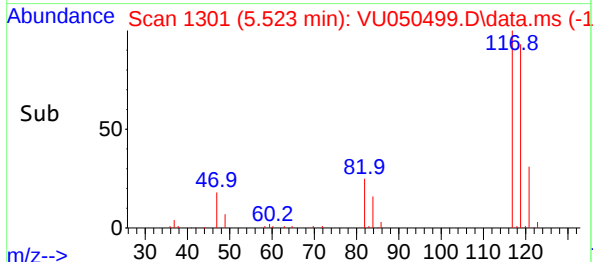
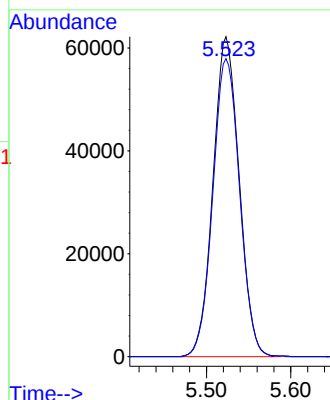
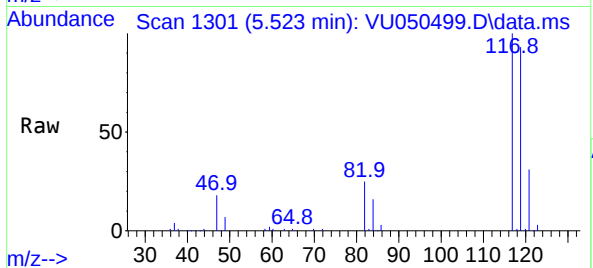




#31
Carbon tetrachloride
Concen: 40.629 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

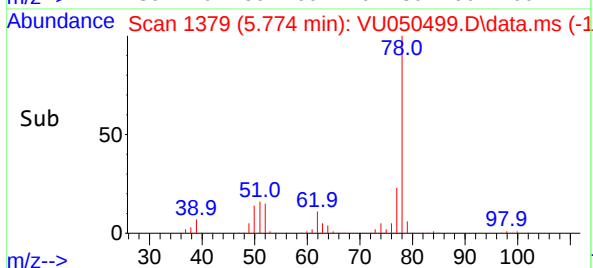
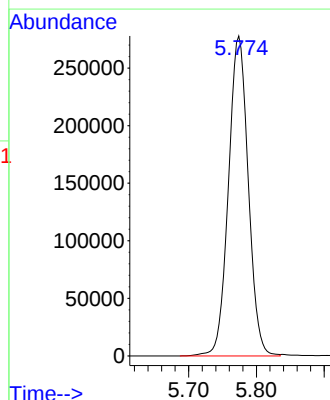
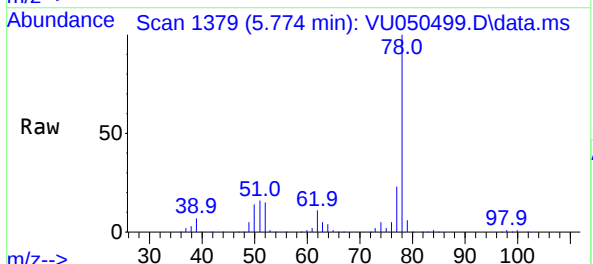
Instrument :
MSVOA_U
ClientSampleId :

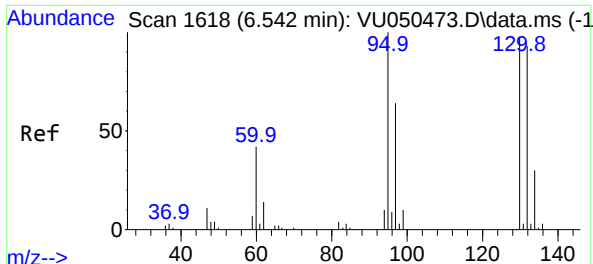
Tgt Ion:117 Resp: 134035
Ion Ratio Lower Upper
117 100
119 95.1 76.9 115.3



#33
Benzene
Concen: 53.076 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

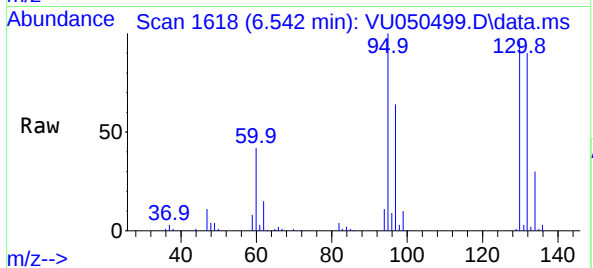
Tgt Ion: 78 Resp: 564646



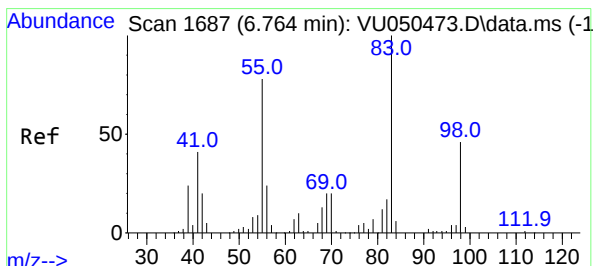
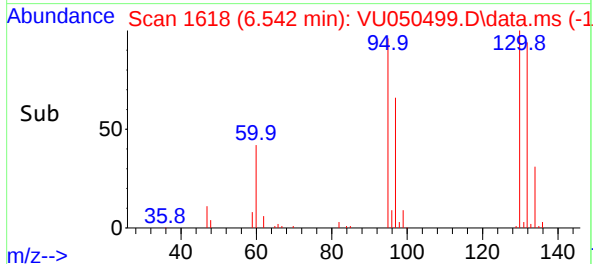
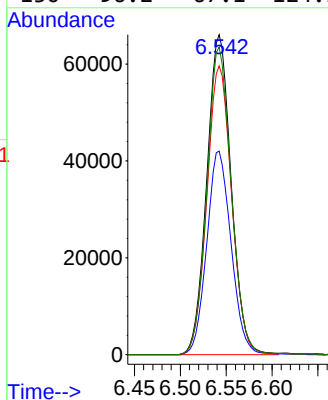


#34
Trichloroethene
Concen: 48.605 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Instrument :
MSVOA_U
ClientSampleId :

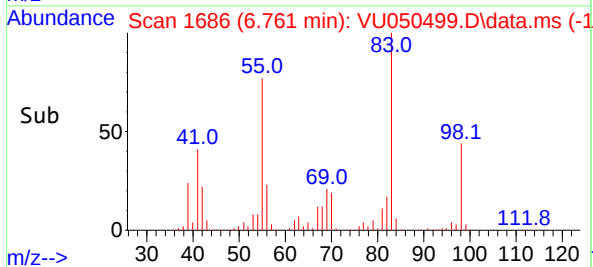
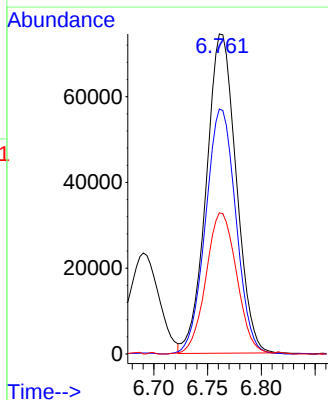
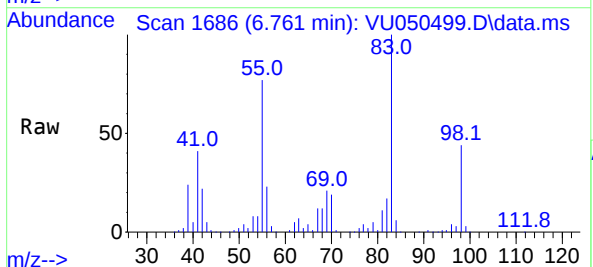


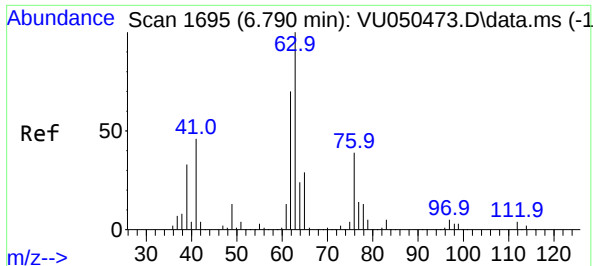
Tgt Ion: 95 Resp: 122397
Ion Ratio Lower Upper
95 100
97 63.6 45.2 84.0
132 90.3 64.4 119.6
130 96.2 67.1 124.5



#35
Methylcyclohexane
Concen: 40.935 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion: 83 Resp: 144140
Ion Ratio Lower Upper
83 100
55 78.0 61.9 92.9
98 45.5 35.8 53.8

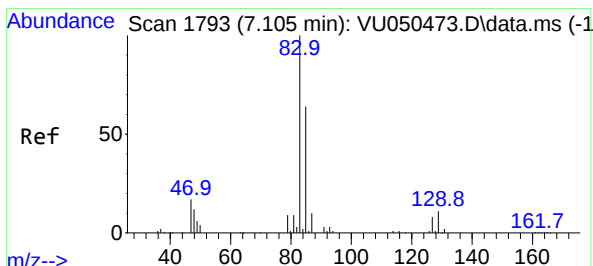
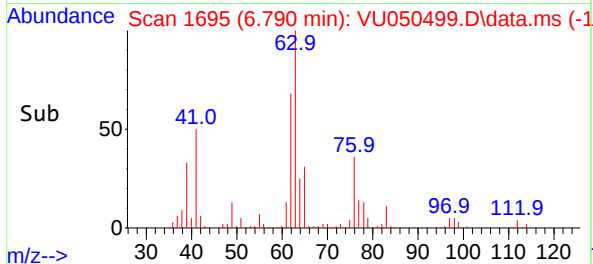
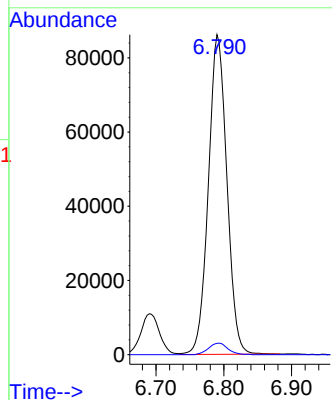
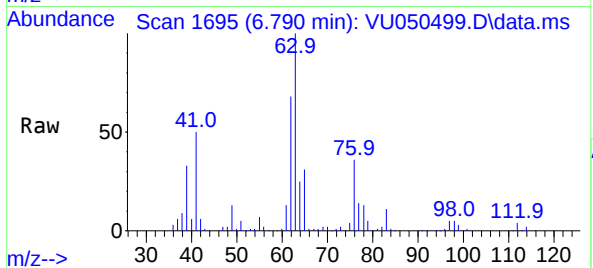




#37
1,2-Dichloropropane
Concen: 52.823 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

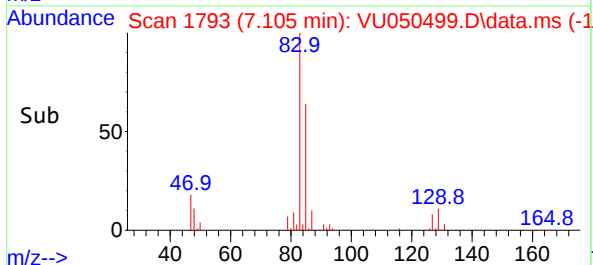
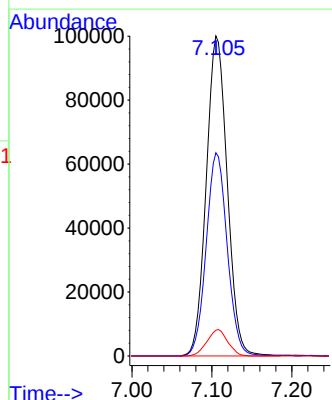
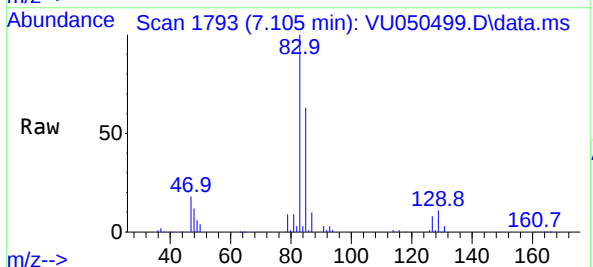
Instrument :
MSVOA_U
ClientSampleId :

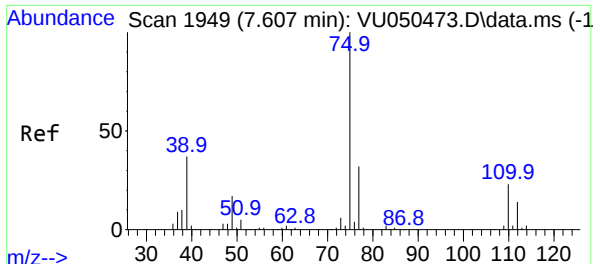
Tgt Ion: 63 Resp: 163231
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 46.373 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

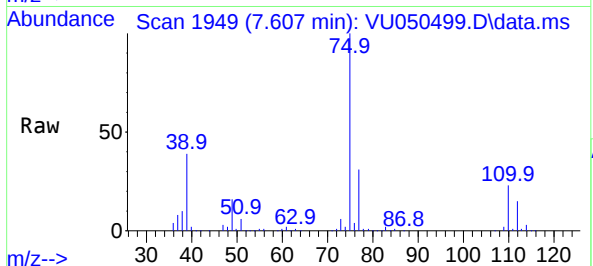
Tgt Ion: 83 Resp: 182824
Ion Ratio Lower Upper
83 100
85 63.5 46.2 85.8
127 8.1 6.7 10.1



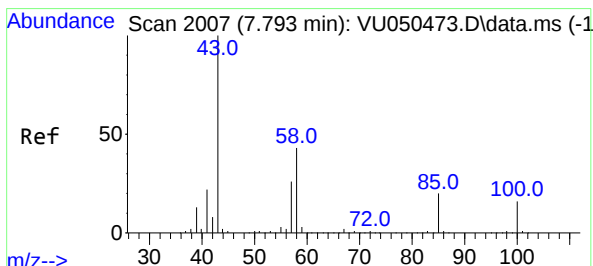
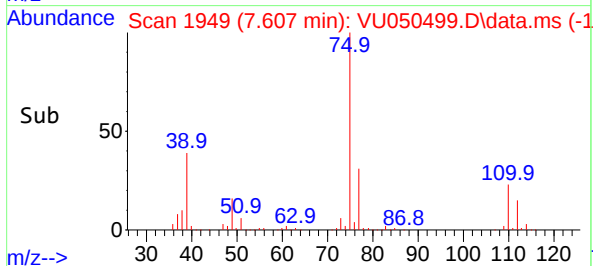
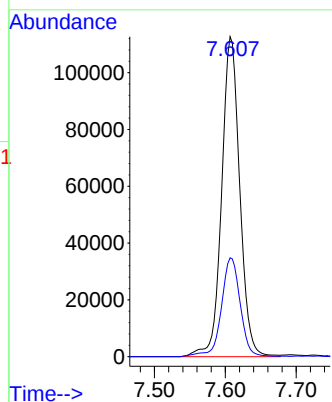


#39
 cis-1,3-Dichloropropene
 Concen: 49.344 ug/L
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU050499.D
 Acq: 29 Aug 2022 21:06

Instrument :
 MSVOA_U
 ClientSampleId :

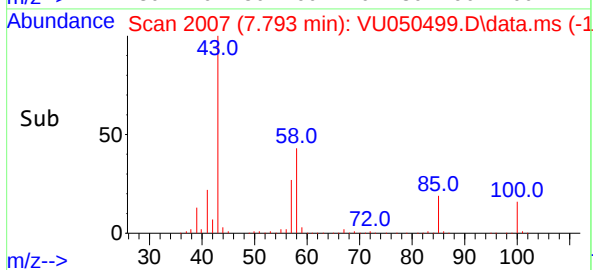
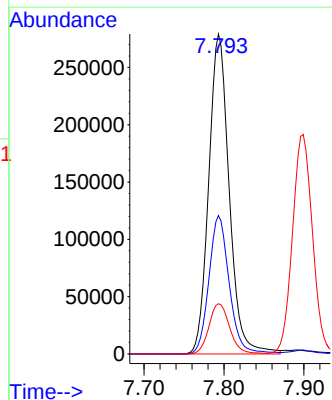
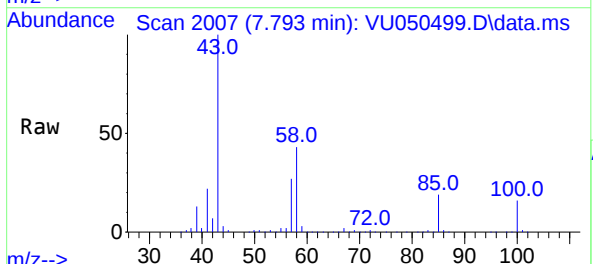


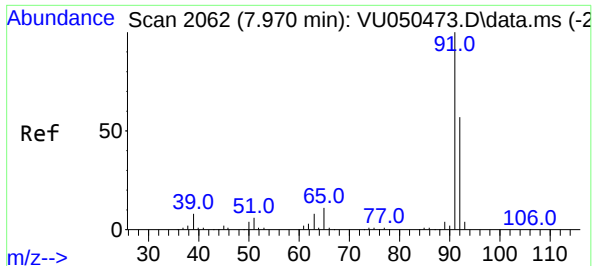
Tgt Ion: 75 Resp: 200237
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 121.041 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. 0.000 min
 Lab File: VU050499.D
 Acq: 29 Aug 2022 21:06

Tgt Ion: 43 Resp: 497051
 Ion Ratio Lower Upper
 43 100
 58 43.0 34.0 51.0
 100 15.9 13.0 19.4





#42

Toluene

Concen: 53.130 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050499.D

Acq: 29 Aug 2022 21:06

Instrument :

MSVOA_U

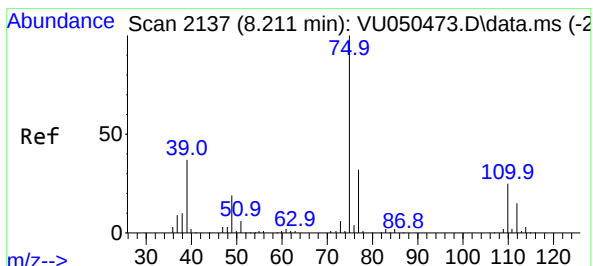
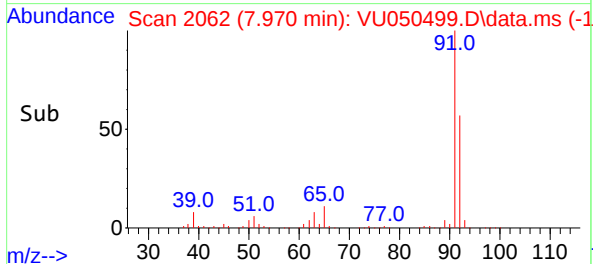
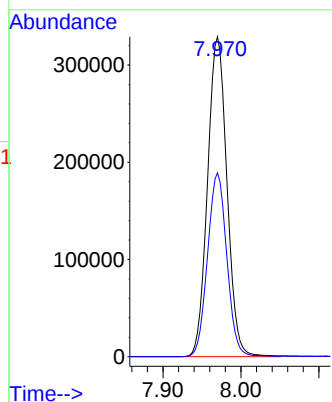
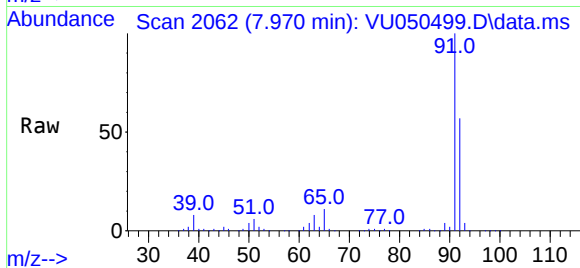
ClientSampleId :

Tgt Ion: 91 Resp: 569464

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 49.113 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050499.D

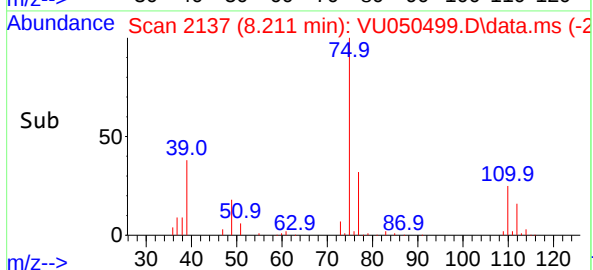
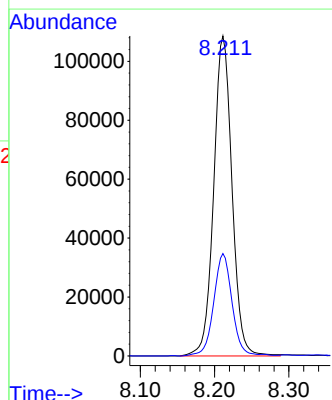
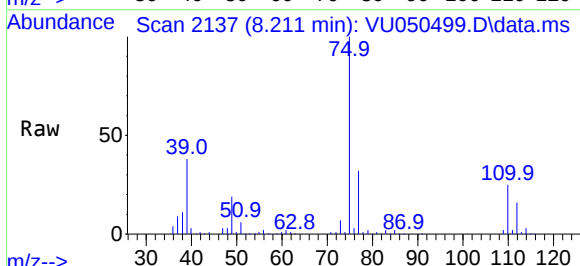
Acq: 29 Aug 2022 21:06

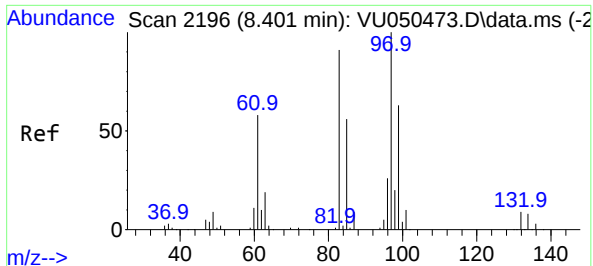
Tgt Ion: 75 Resp: 185771

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 53.314 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VU050499.D

Acq: 29 Aug 2022 21:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 162112

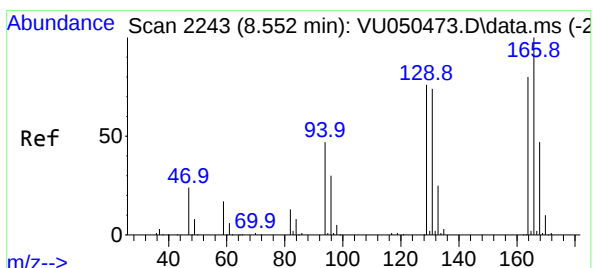
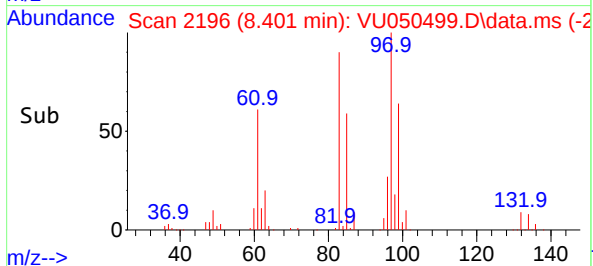
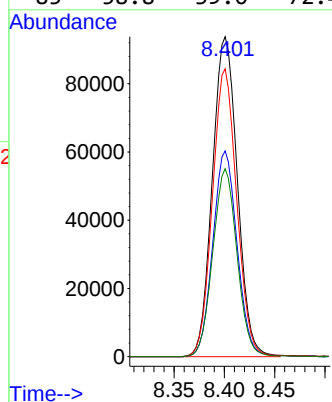
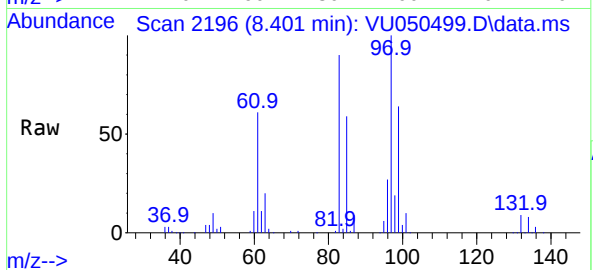
Ion Ratio Lower Upper

97 100

99 64.3 43.3 80.3

83 90.0 60.3 112.1

85 58.8 39.0 72.4



#46

Tetrachloroethene

Concen: 44.789 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050499.D

Acq: 29 Aug 2022 21:06

Tgt Ion:164 Resp: 82837

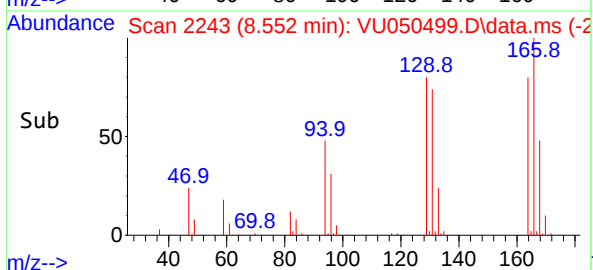
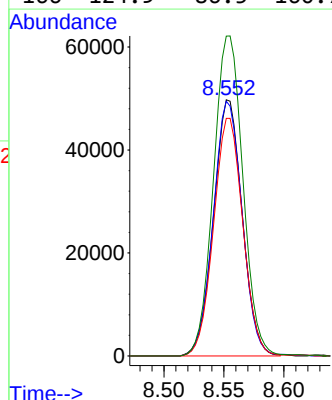
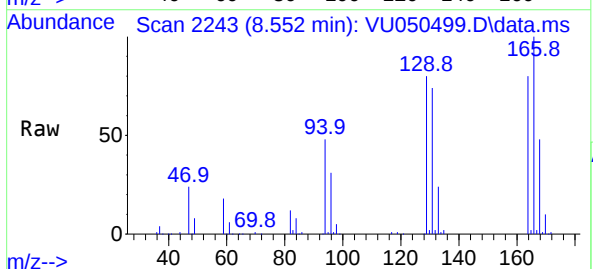
Ion Ratio Lower Upper

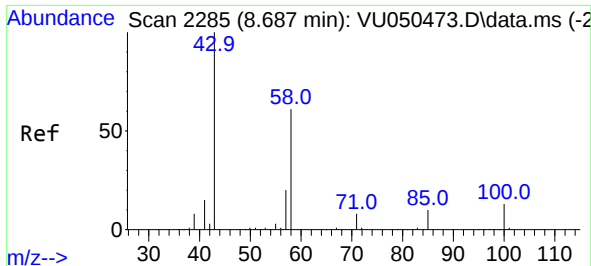
164 100

129 99.5 68.0 126.4

131 92.8 65.4 121.4

166 124.9 86.5 160.7



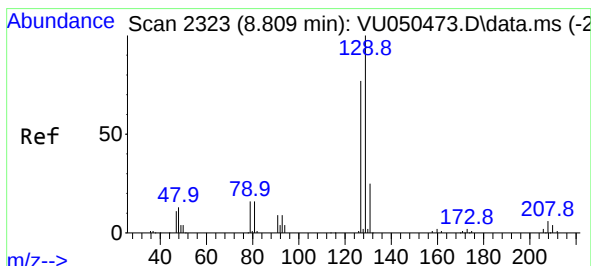
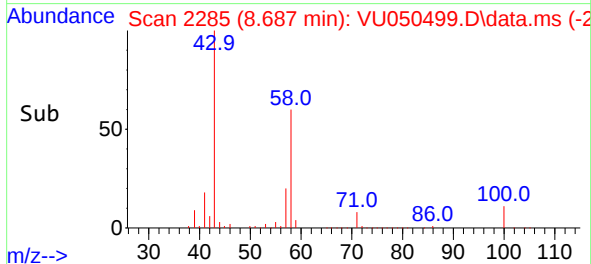
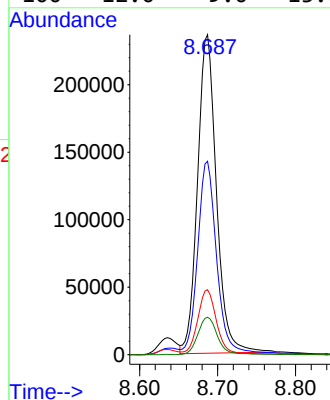
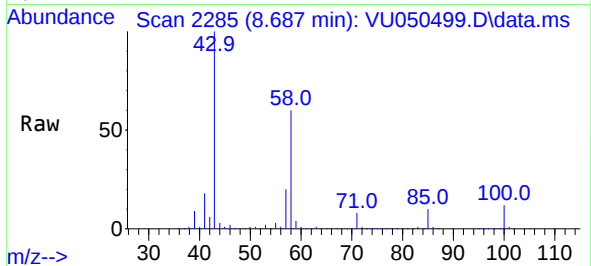


#48
2-Hexanone
Concen: 116.119 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 398218

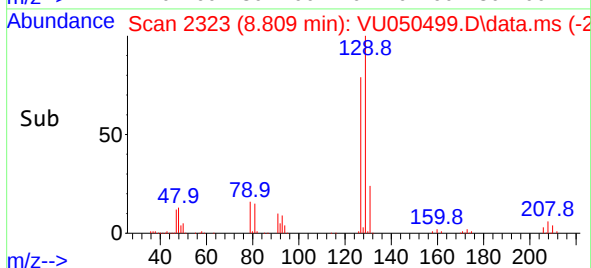
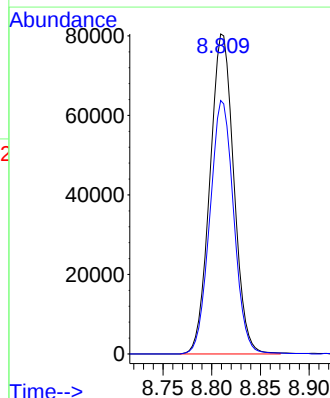
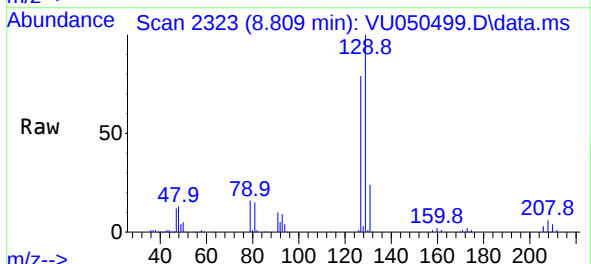
Ion	Ratio	Lower	Upper
43	100		
58	62.0	47.9	71.9
57	20.0	15.4	23.0
100	12.0	9.0	13.6

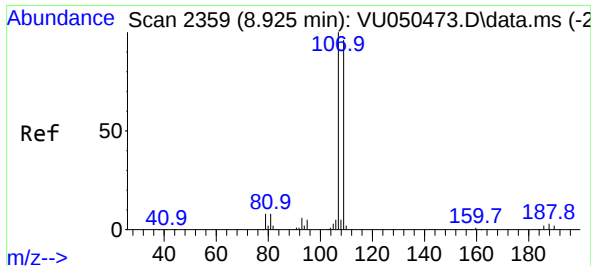


#49
Dibromochloromethane
Concen: 43.637 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion: 129 Resp: 137445

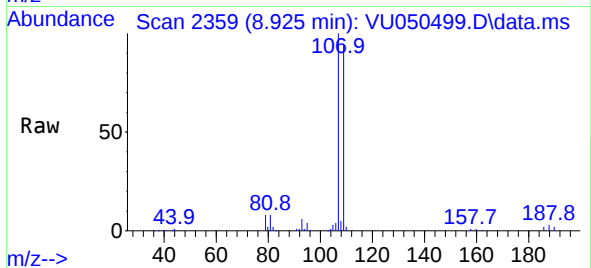
Ion	Ratio	Lower	Upper
129	100		
127	79.2	55.9	103.7



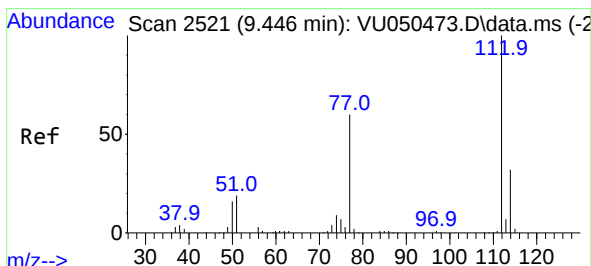
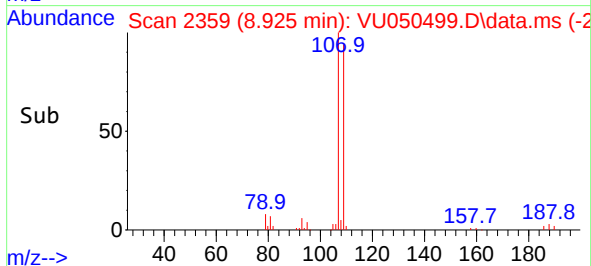
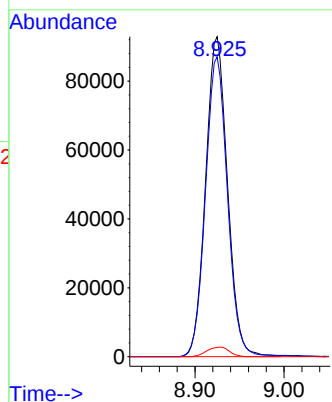


#50
1,2-Dibromoethane
Concen: 52.188 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Instrument :
MSVOA_U
ClientSampleId :

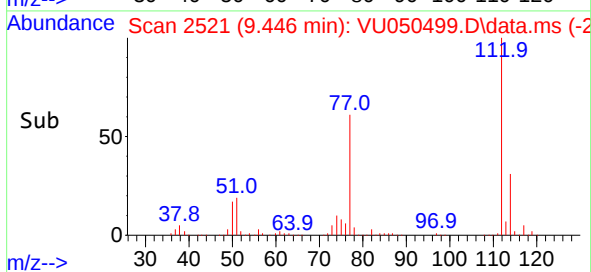
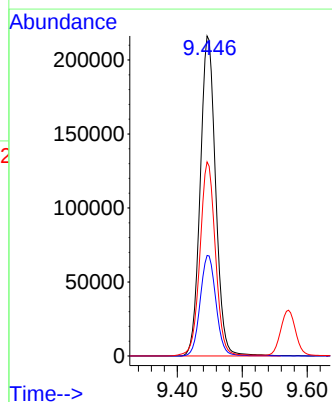
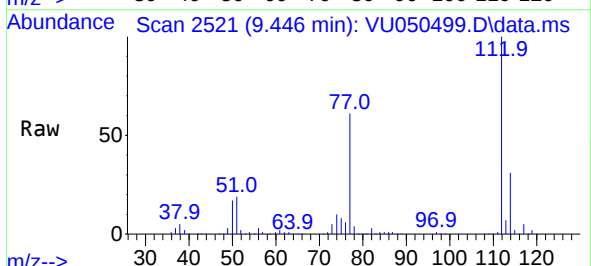


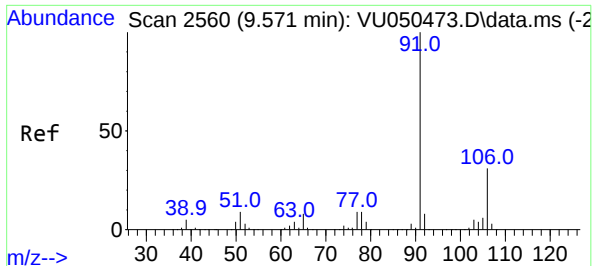
Tgt Ion:107 Resp: 158587
Ion Ratio Lower Upper
107 100
109 93.7 66.0 122.6
188 2.9 2.7 4.1



#51
Chlorobenzene
Concen: 50.771 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion:112 Resp: 357116
Ion Ratio Lower Upper
112 100
114 31.4 21.8 40.6
77 60.7 47.6 71.4

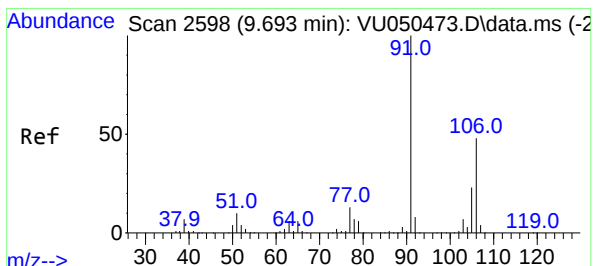
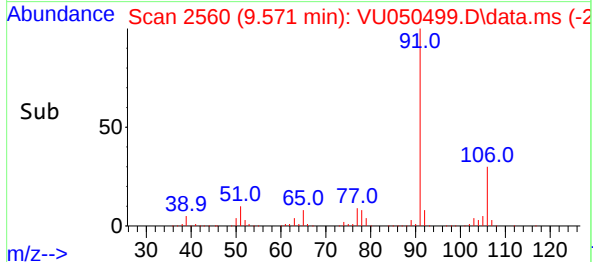
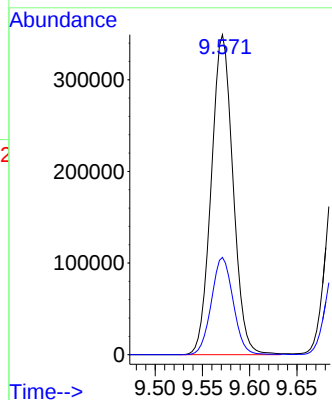
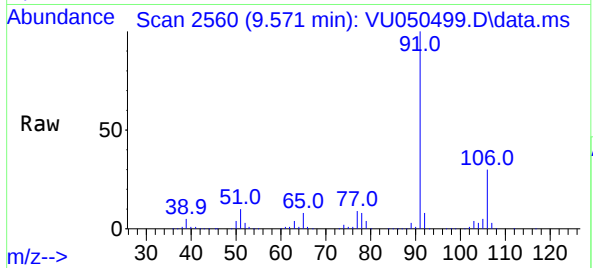




#52
Ethylbenzene
Concen: 51.645 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

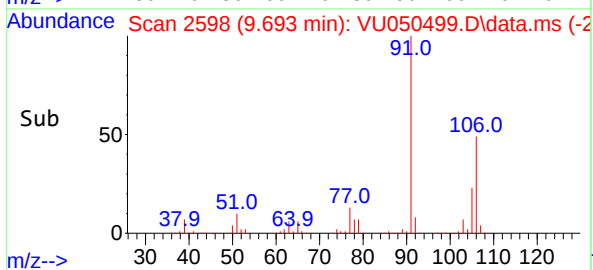
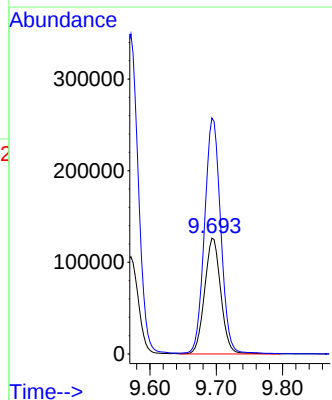
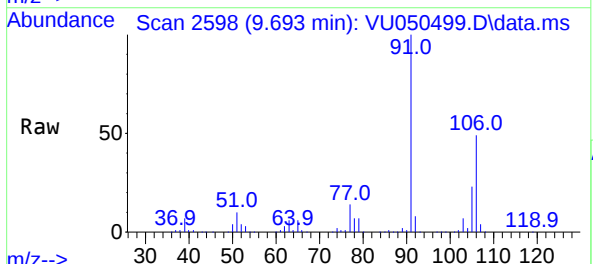
Instrument :
MSVOA_U
ClientSampleId :

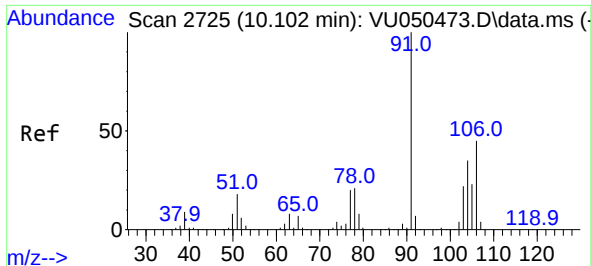
Tgt Ion: 91 Resp: 557908
Ion Ratio Lower Upper
91 100
106 30.4 21.7 40.3



#53
m,p-Xylene
Concen: 53.106 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion: 106 Resp: 214240
Ion Ratio Lower Upper
106 100
91 203.6 145.9 270.9

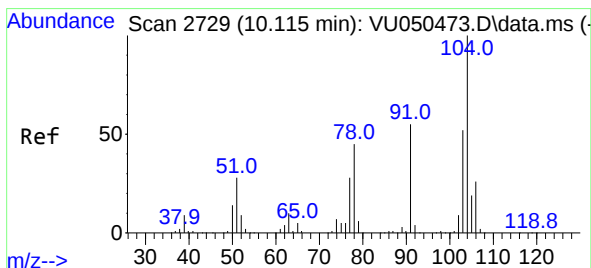
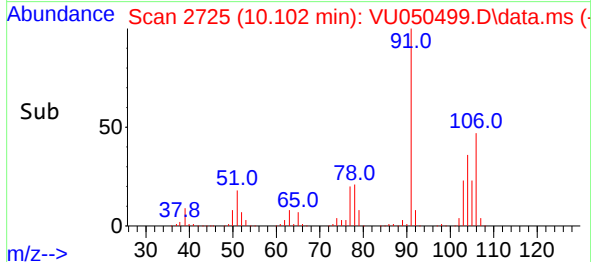
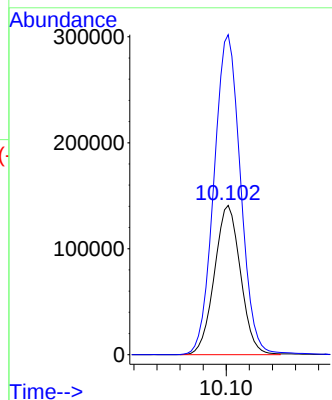
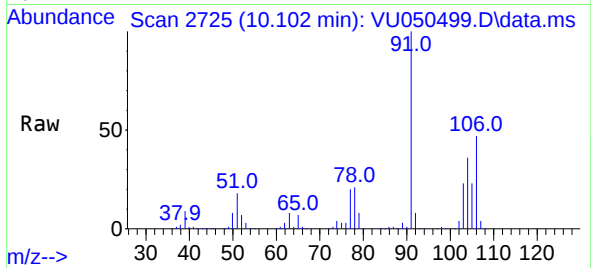




#54
o-Xylene
Concen: 55.178 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

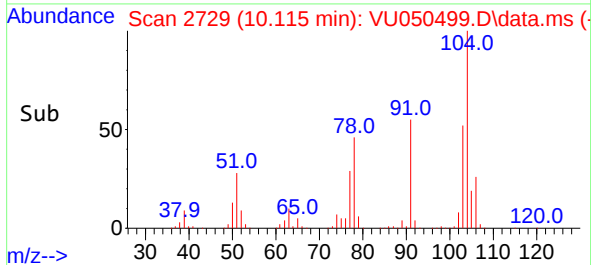
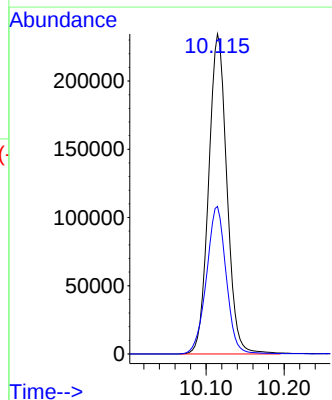
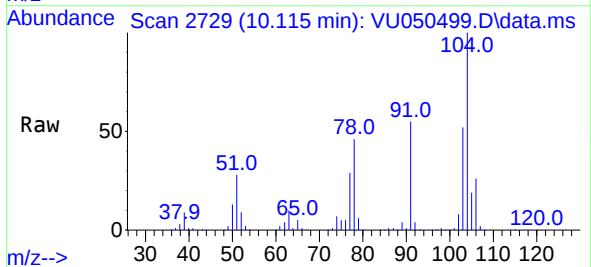
Instrument :
MSVOA_U
ClientSampleId :

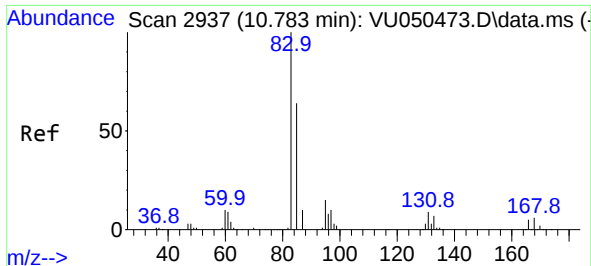
Tgt Ion:106 Resp: 221153
Ion Ratio Lower Upper
106 100
91 214.3 154.8 287.4



#55
Styrene
Concen: 56.077 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion:104 Resp: 382440
Ion Ratio Lower Upper
104 100
78 46.1 31.6 58.8

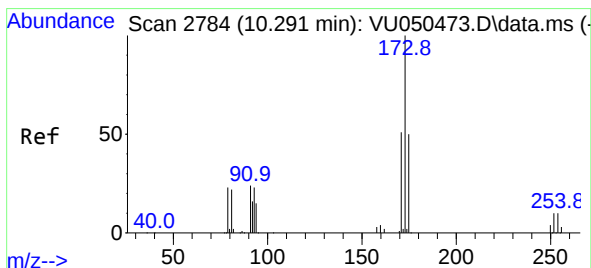
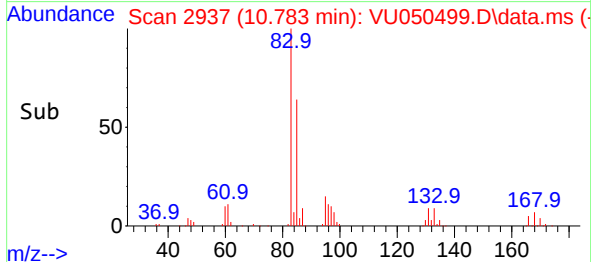
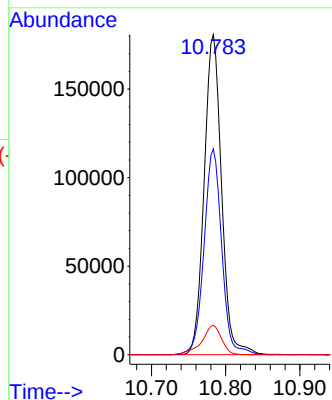
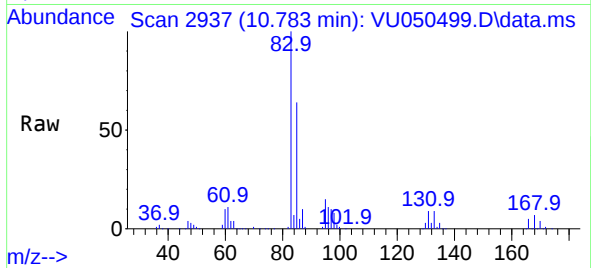




#57
1,1,2,2-Tetrachloroethane
Concen: 52.827 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

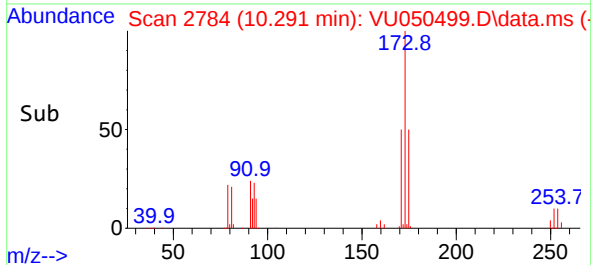
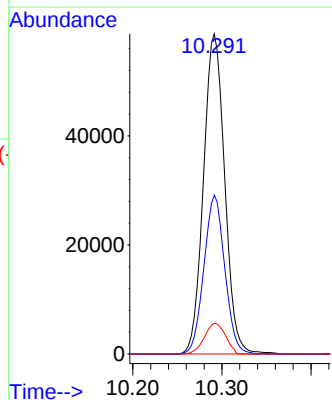
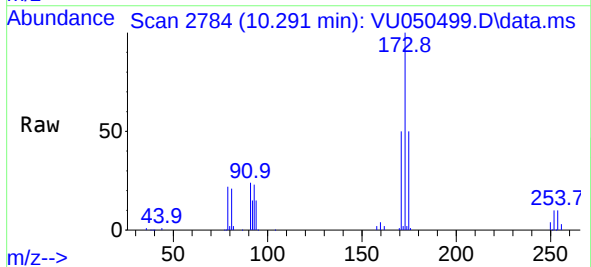
Instrument :
MSVOA_U
ClientSampleId :

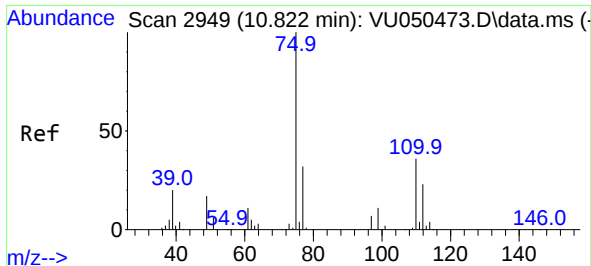
Tgt Ion: 83 Resp: 293514
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2
131 9.2 7.2 10.8



#59
Bromoform
Concen: 42.070 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion:173 Resp: 97194
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 9.5 7.1 10.7

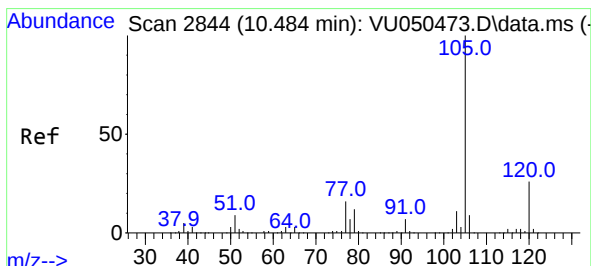
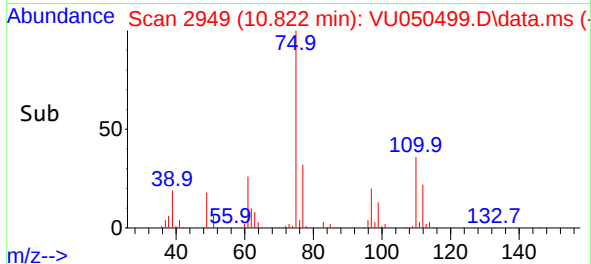
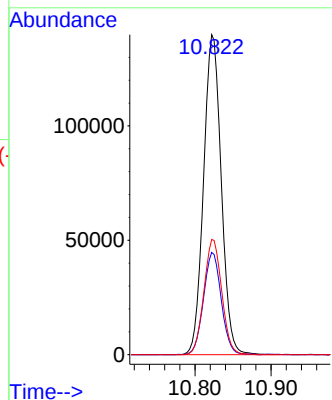
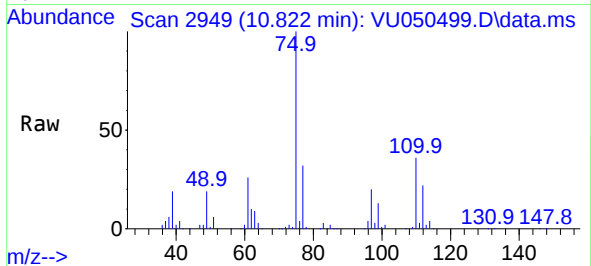




#60
1,2,3-Trichloropropane
Concen: 54.432 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

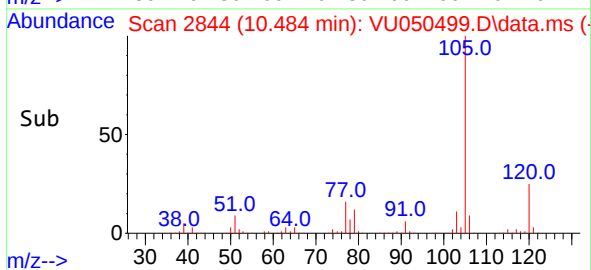
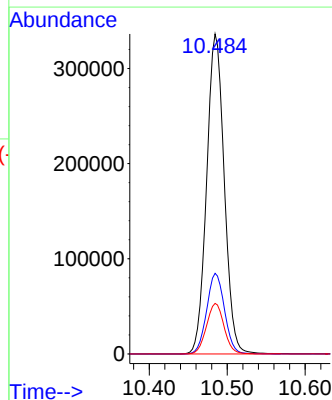
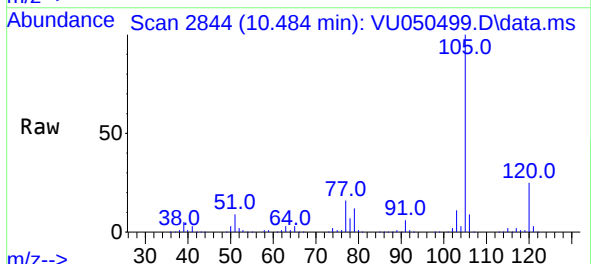
Instrument :
MSVOA_U
ClientSampleId :

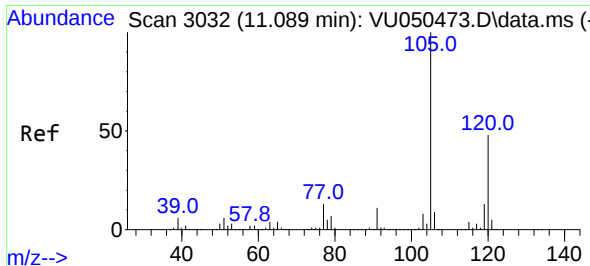
Tgt Ion: 75 Resp: 226298
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 36.2 29.0 43.4



#61
Isopropylbenzene
Concen: 52.898 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion: 105 Resp: 527867
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 15.8 12.5 18.7

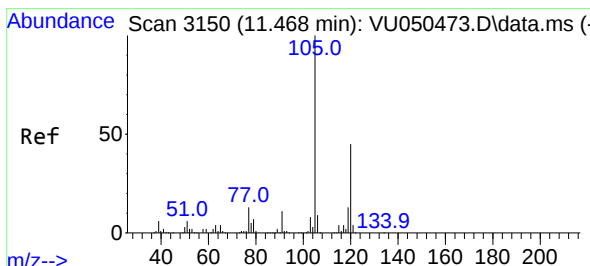
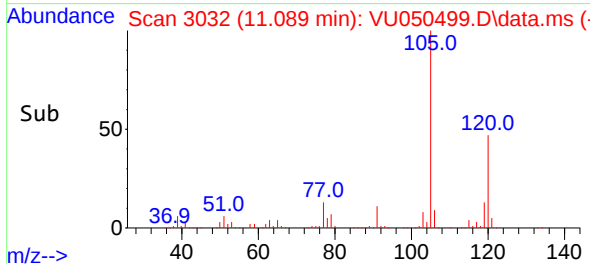
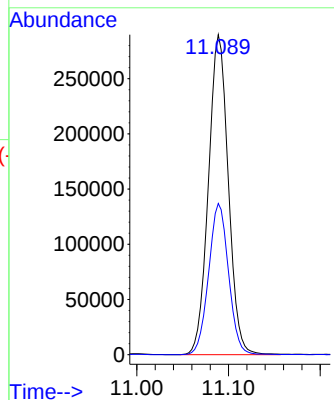
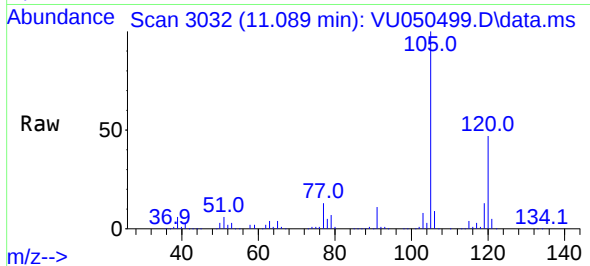




#62
1,3,5-Trimethylbenzene
Concen: 54.172 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

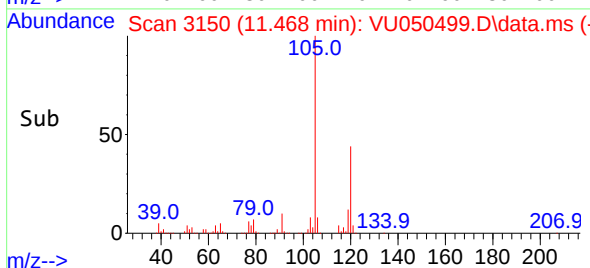
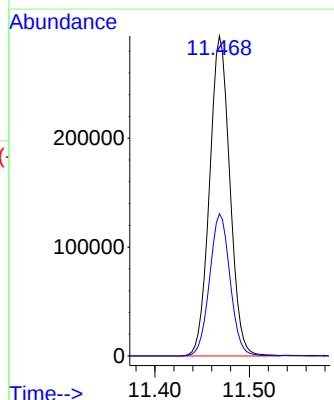
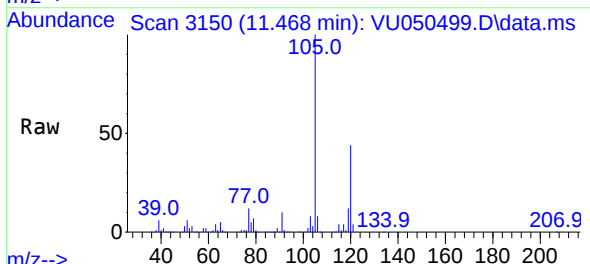
Instrument :
MSVOA_U
ClientSampleId :

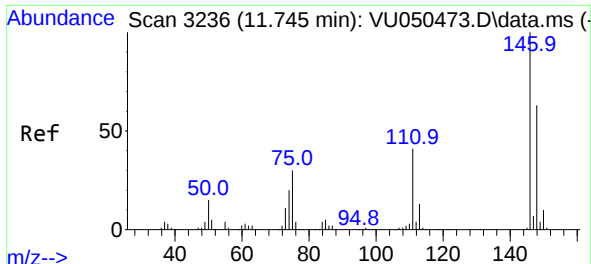
Tgt Ion:105 Resp: 436483
Ion Ratio Lower Upper
105 100
120 47.3 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 55.895 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion:105 Resp: 439260
Ion Ratio Lower Upper
105 100
120 44.7 35.3 52.9

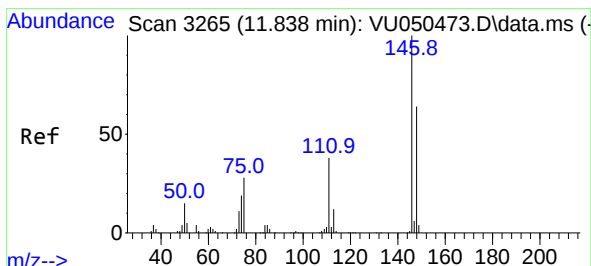
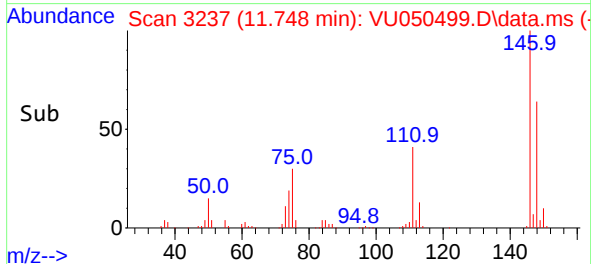
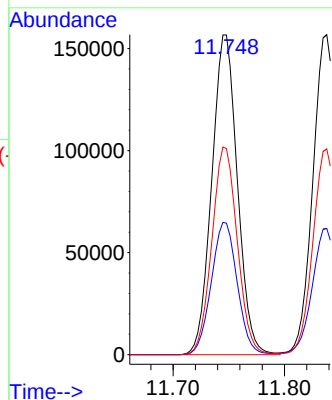
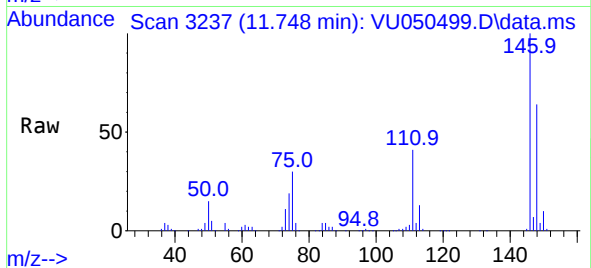




#64
1,3-Dichlorobenzene
Concen: 51.313 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

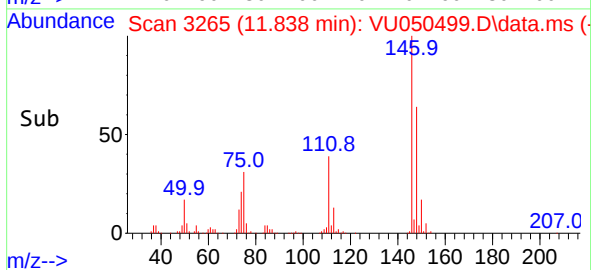
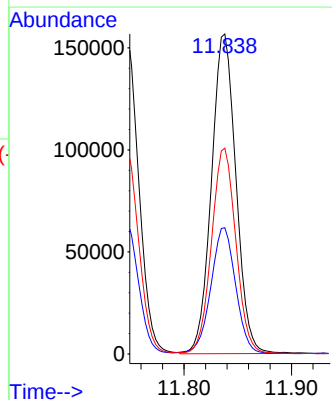
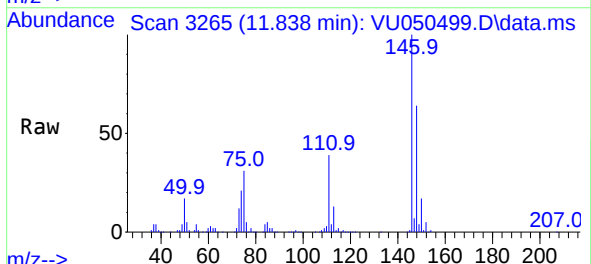
Instrument :
MSVOA_U
ClientSampleId :

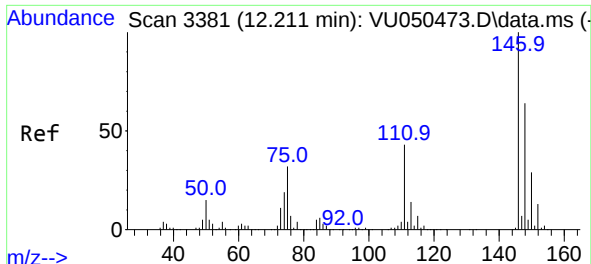
Tgt Ion:146 Resp: 250365
Ion Ratio Lower Upper
146 100
111 41.1 28.1 52.1
148 64.4 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 50.468 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion:146 Resp: 247985
Ion Ratio Lower Upper
146 100
111 39.4 27.6 51.2
148 64.3 44.4 82.4

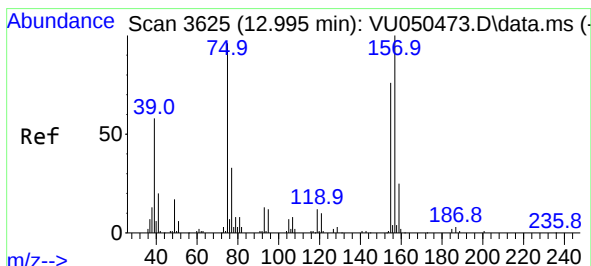
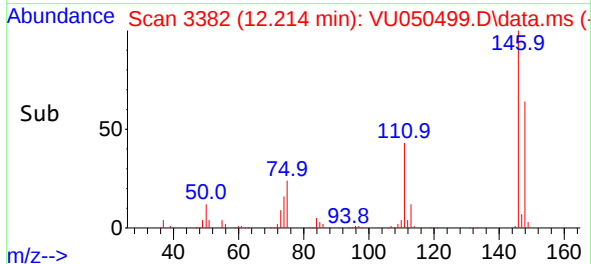
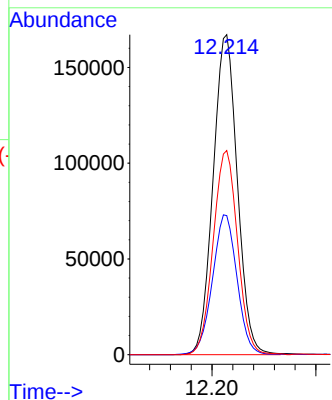
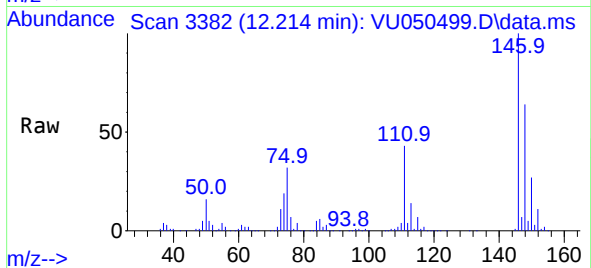




#67
1,2-Dichlorobenzene
Concen: 52.808 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

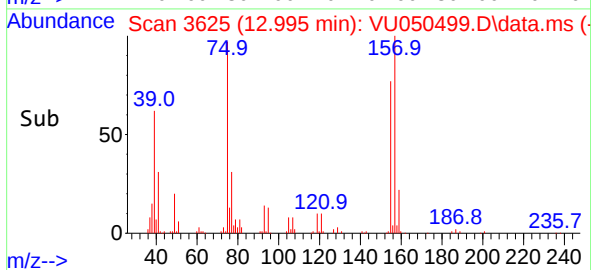
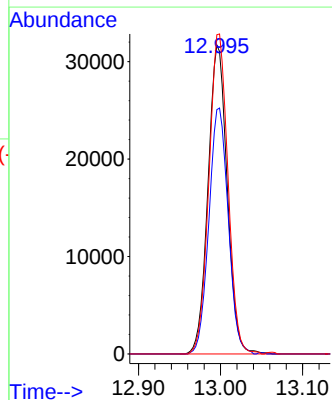
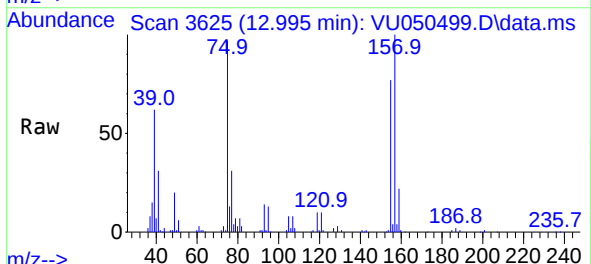
Instrument :
MSVOA_U
ClientSampleId :

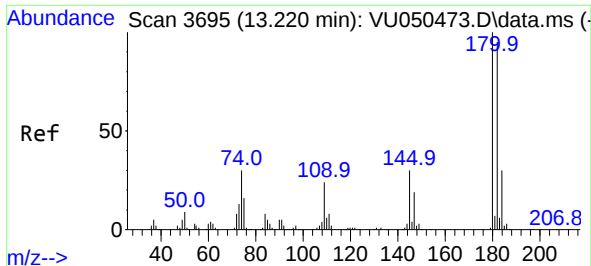
Tgt Ion:146 Resp: 270954
Ion Ratio Lower Upper
146 100
111 43.5 34.1 51.1
148 63.8 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 46.733 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

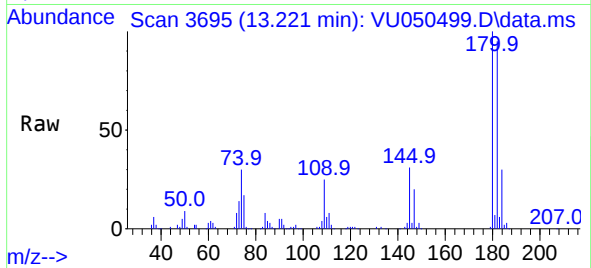
Tgt Ion: 75 Resp: 51636
Ion Ratio Lower Upper
75 100
155 79.1 63.1 94.7
157 103.3 84.2 126.2





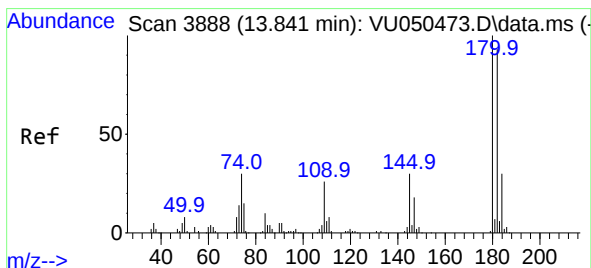
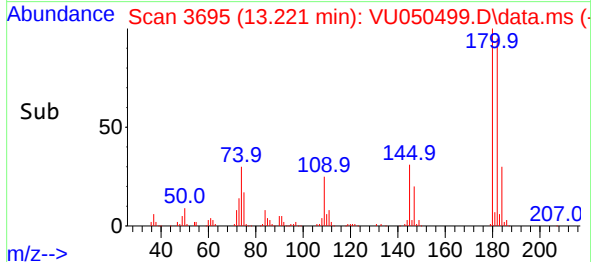
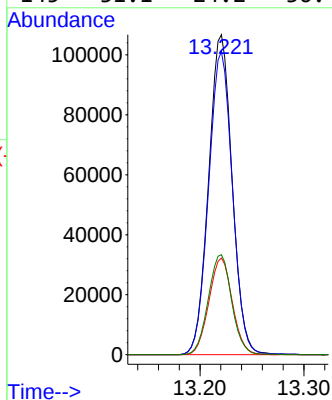
#69
 1,3,5-Trichlorobenzene
 Concen: 49.892 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU050499.D
 Acq: 29 Aug 2022 21:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 167804

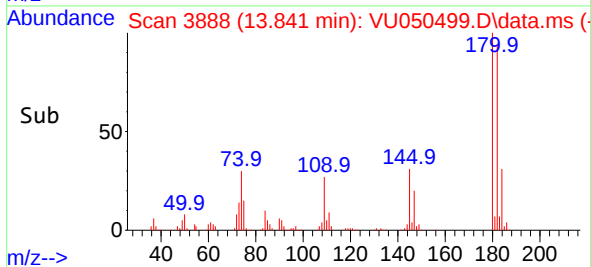
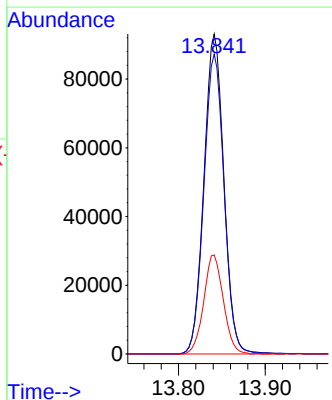
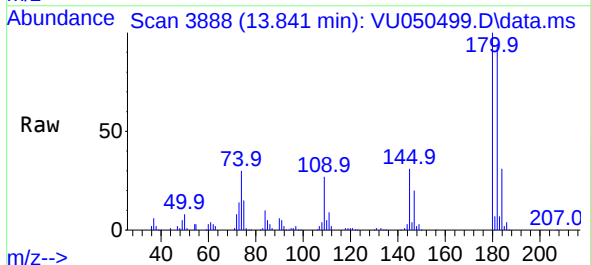
Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.6
184	30.0	24.1	36.1
145	31.1	24.2	36.4

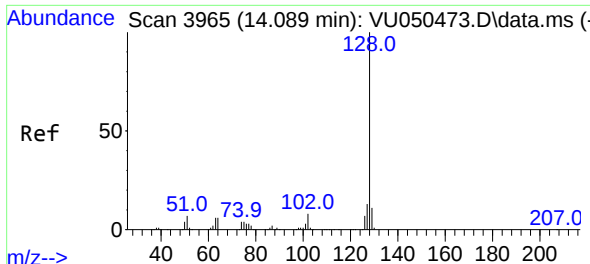


#70
 1,2,4-trichlorobenzene
 Concen: 55.313 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050499.D
 Acq: 29 Aug 2022 21:06

Tgt Ion:180 Resp: 148988

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.4	113.2
145	30.3	23.9	35.9

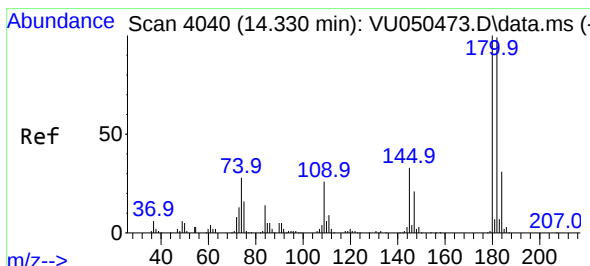
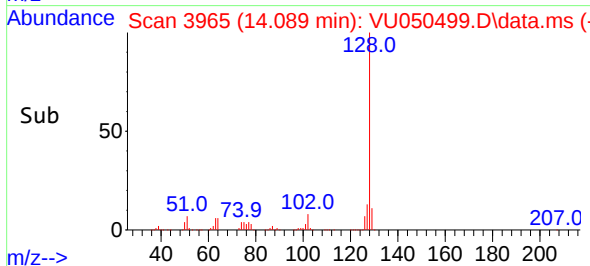
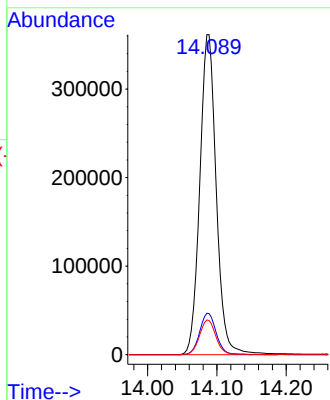
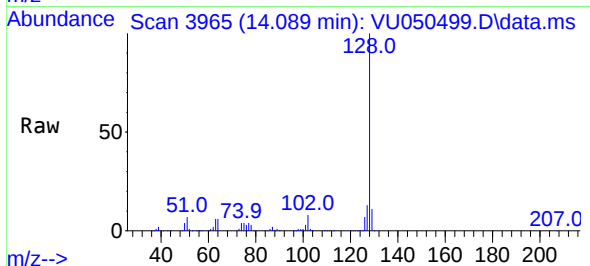




#71
Naphthalene
Concen: 67.469 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 596137
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 59.125 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050499.D
Acq: 29 Aug 2022 21:06

Tgt Ion:180 Resp: 174055
Ion Ratio Lower Upper
180 100
182 94.6 76.8 115.2
145 32.4 26.5 39.7

