

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049956.D
 Acq On : 27 Jul 2022 18:28
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV049

Quant Time: Jul 28 03:28:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:22:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	110912	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	105966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50836	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48307	5.073	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.400%	
7) Chloroethane-d5	1.912	69	35552	5.198	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.000%	
11) 1,1-Dichloroethene-d2	2.565	65	17168	5.231	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	104.600%	
20) 2-Butanone-d5	4.642	46	111579	52.635	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.280%	
24) Chloroform-d	5.063	84	77041	4.889	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.703	65	38159	4.806	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.726	84	156555	5.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	6.690	67	49599	4.835	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.896	98	143407	5.153	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
43) trans-1,3-Dichloroprop...	8.179	79	18587	5.170	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.400%	
46) 2-Hexanone-d5	8.636	63	71002	52.755	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.500%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43138	5.005	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	45332	4.808	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	47968	5.603	ug/L	99
3) Chloromethane	1.520	50	49229	4.853	ug/L	98
5) Vinyl chloride	1.600	62	49941	5.239	ug/L	100
6) Bromomethane	1.855	94	28484	5.398	ug/L	99
8) Chloroethane	1.932	64	27968	5.174	ug/L	94
9) Trichlorofluoromethane	2.134	101	61551	5.482	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	36831	5.572	ug/L	98
12) 1,1-Dichloroethene	2.578	96	32932	5.380	ug/L	95
13) Acetone	2.655	43	63473	42.599	ug/L	96
14) Carbon disulfide	2.790	76	90604	4.873	ug/L	99
15) Methyl Acetate	2.961	43	16853	5.452	ug/L	96
16) Methylene chloride	3.044	84	44238	4.700	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	85773	5.012	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	34581	5.140	ug/L	98
19) 1,1-Dichloroethane	3.870	63	70239	5.089	ug/L	98
21) 2-Butanone	4.719	43	112210	52.287	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	40726	5.064	ug/L	99
23) Bromochloromethane	4.977	128	19172	5.206	ug/L	95
25) Chloroform	5.089	83	72947	4.716	ug/L	100

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Quant Time: Jul 28 03:28:59 2022
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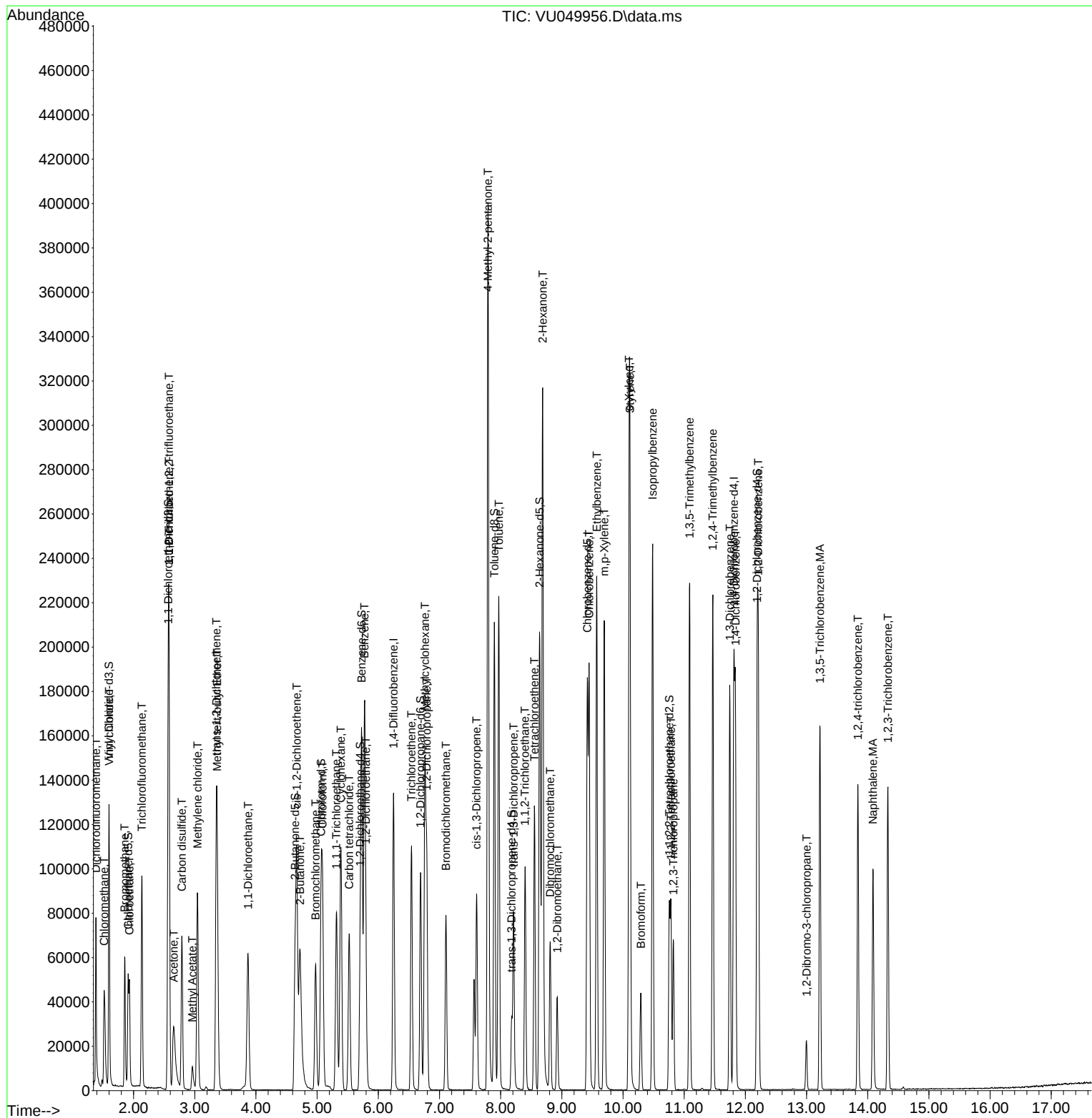
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	42213	4.890	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	59100	5.252	ug/L	99
30) Cyclohexane	5.388	56	54266	5.714	ug/L	98
31) Carbon tetrachloride	5.523	117	49081	5.370	ug/L	99
33) Benzene	5.774	78	161902	5.235	ug/L	100
34) Trichloroethene	6.542	95	39076	5.198	ug/L	99
35) Methylcyclohexane	6.764	83	56399	5.688	ug/L	99
37) 1,2-Dichloropropane	6.790	63	43579	5.113	ug/L	100
38) Bromodichloromethane	7.105	83	53310	5.169	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	55748	5.054	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	260467	52.889	ug/L	100
42) Toluene	7.970	91	166613	5.298	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	46780	5.050	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	32689	5.133	ug/L	98
47) Tetrachloroethene	8.552	164	27864	5.150	ug/L	89
48) 2-Hexanone	8.687	43	198835	52.964	ug/L	99
49) Dibromochloromethane	8.809	129	35307	5.066	ug/L	99
50) 1,2-Dibromoethane	8.925	107	29052	5.137	ug/L	99
51) Chlorobenzene	9.446	112	102914	5.155	ug/L	99
52) Ethylbenzene	9.571	91	165105	5.359	ug/L	100
53) m,p-Xylene	9.693	106	62248	5.306	ug/L	98
54) o-Xylene	10.099	106	62340	5.481	ug/L	98
55) Styrene	10.115	104	106275	5.486	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	42933	5.179	ug/L	96
59) Bromoform	10.291	173	19988	4.892	ug/L	100
60) Isopropylbenzene	10.484	105	159717	5.318	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	29353	4.972	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	127092	5.209	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	123608	5.228	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	75331	5.239	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	72301	5.081	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	73709	5.159	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	5896	5.056	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	52965	5.109	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	43573	5.269	ug/L	98
71) Naphthalene	14.086	128	84875	5.176	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	42723	5.205	ug/L	99

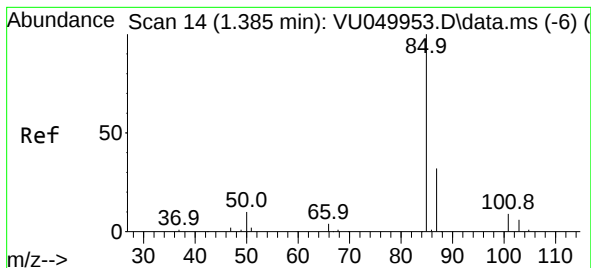
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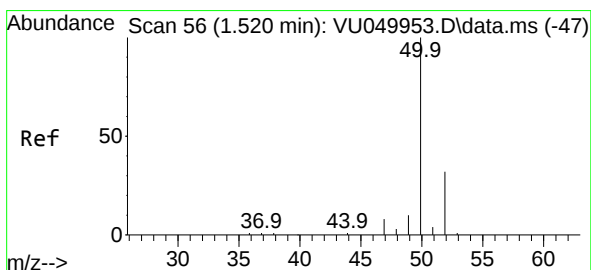
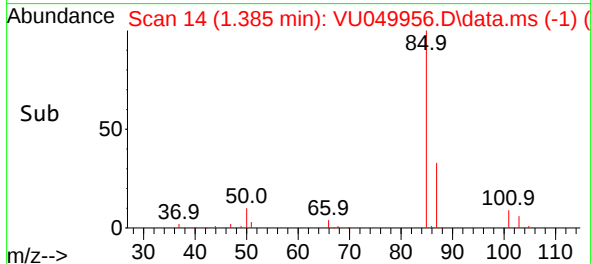
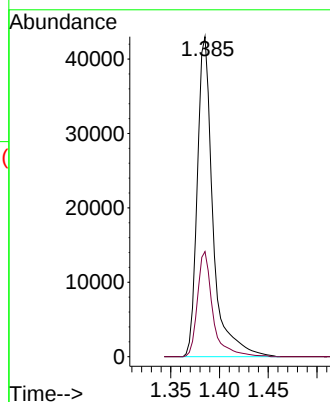
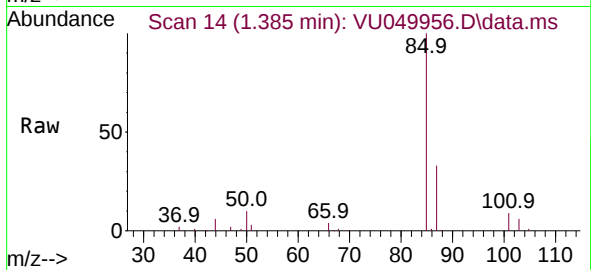




#2
Dichlorodifluoromethane
Concen: 5.603 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

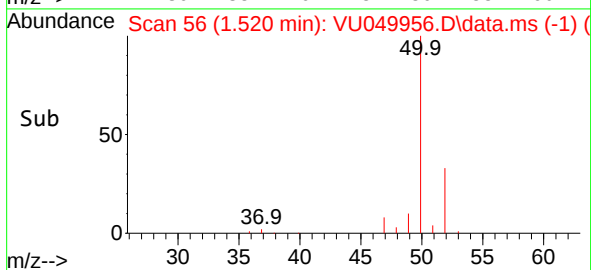
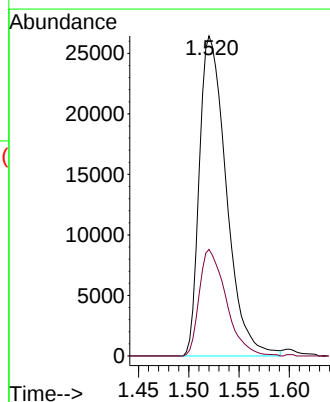
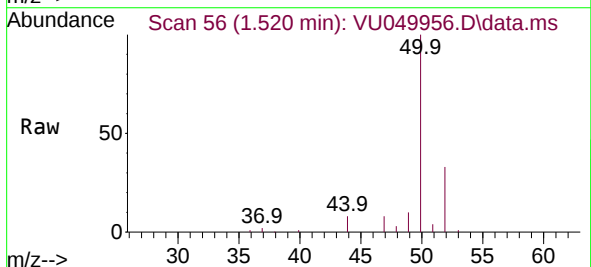
Instrument :
MSVOA_U
ClientSampleId :
VICV049

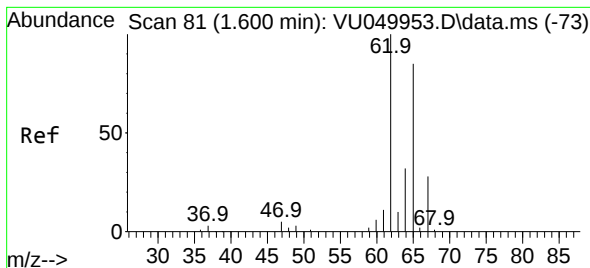
Tgt Ion: 85 Resp: 47968
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5



#3
Chloromethane
Concen: 4.853 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion: 50 Resp: 49229
Ion Ratio Lower Upper
50 100
52 33.3 22.4 41.6





#5

Vinyl chloride

Concen: 5.239 ug/L

RT: 1.600 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

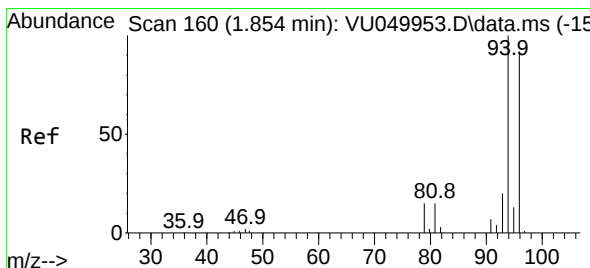
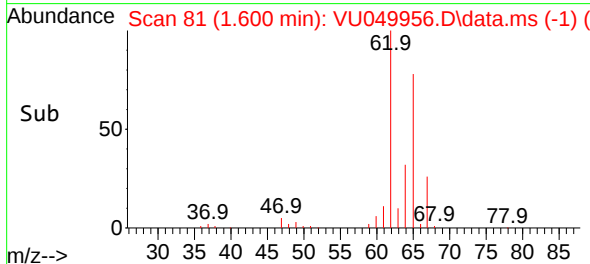
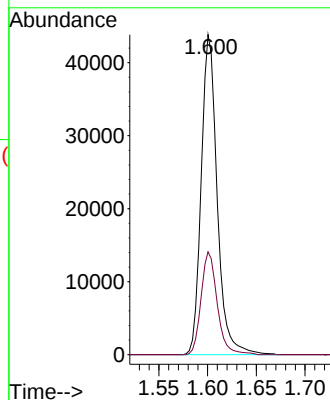
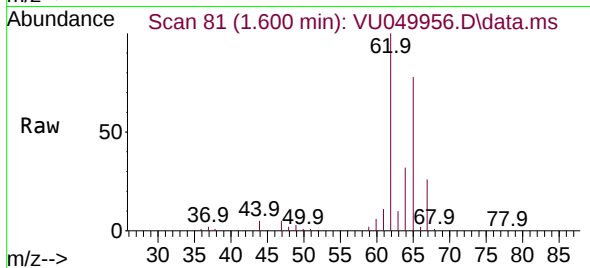
VICV049

Tgt Ion: 62 Resp: 49941

Ion Ratio Lower Upper

62 100

64 32.2 22.5 41.9



#6

Bromomethane

Concen: 5.398 ug/L

RT: 1.855 min Scan# 160

Delta R.T. 0.000 min

Lab File: VU049956.D

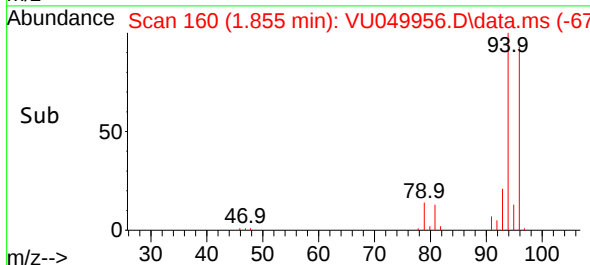
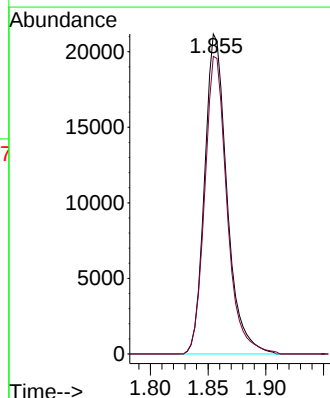
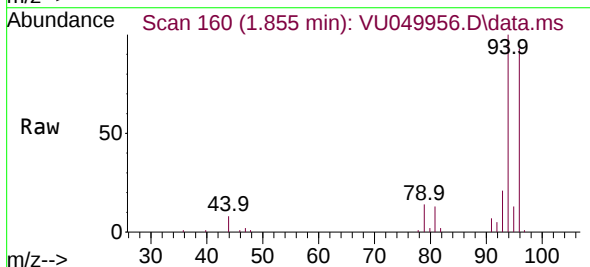
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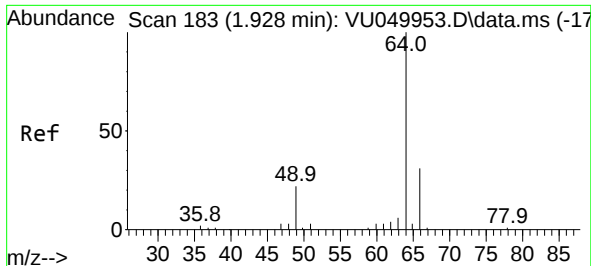
Tgt Ion: 94 Resp: 28484

Ion Ratio Lower Upper

94 100

96 93.0 64.5 119.9

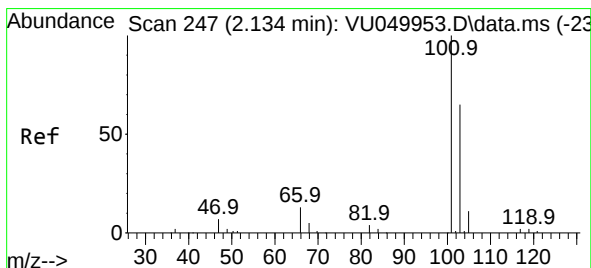
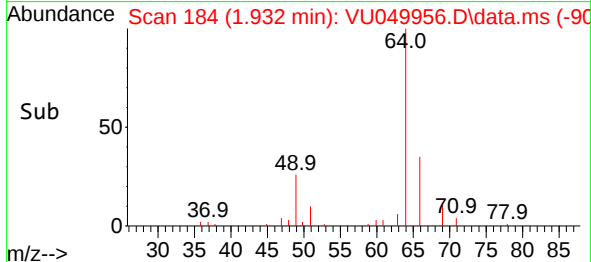
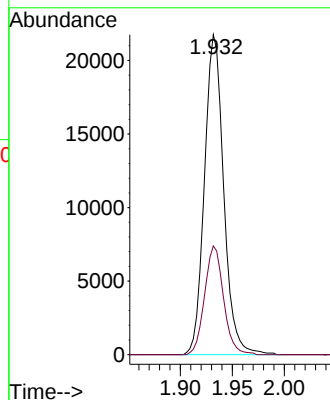
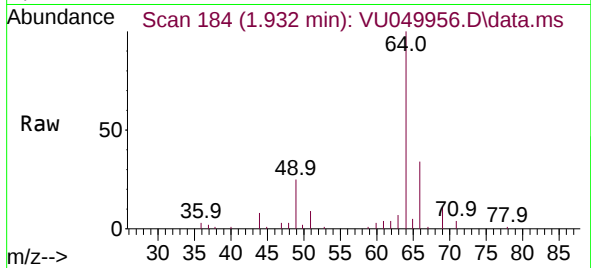




#8
Chloroethane
Concen: 5.174 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

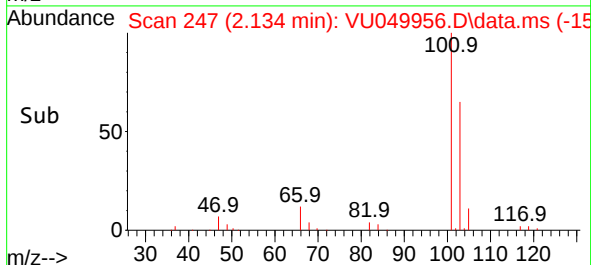
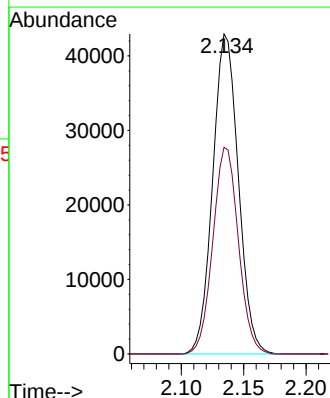
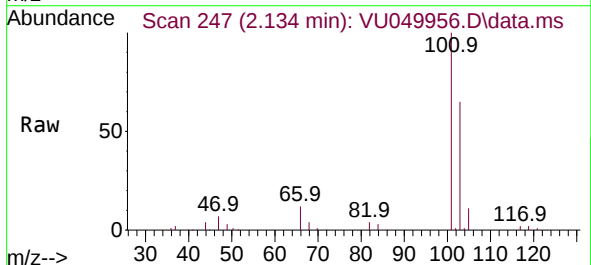
Instrument :
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VICV049

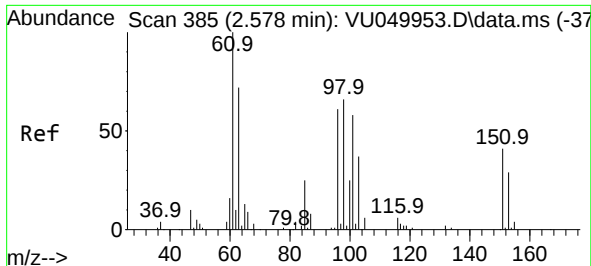
Tgt Ion: 64 Resp: 27968
Ion Ratio Lower Upper
64 100
66 34.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.482 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion:101 Resp: 61551
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.6

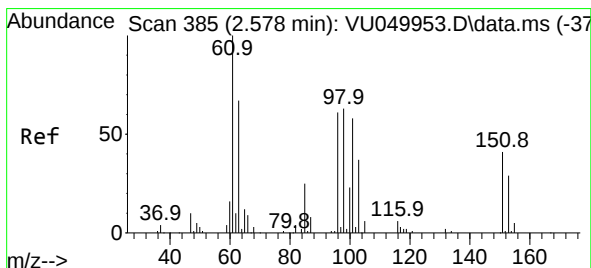
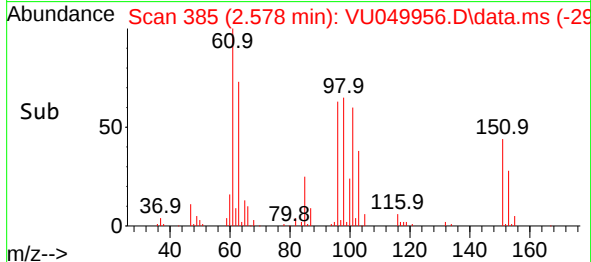
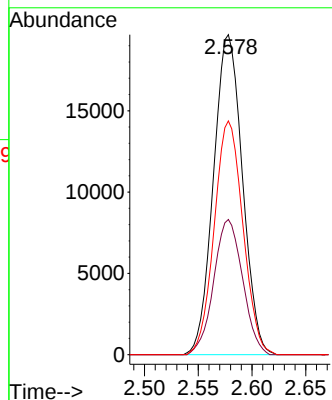
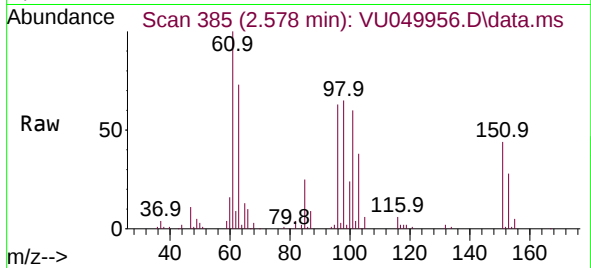




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.572 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049956.D
 Acq: 27 Jul 2022 18:28

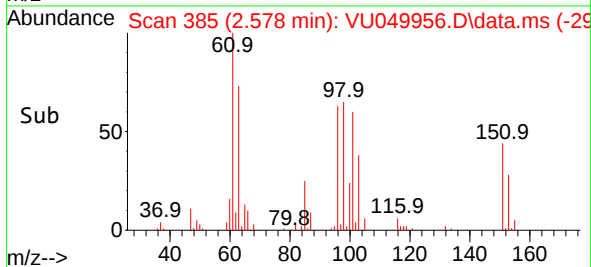
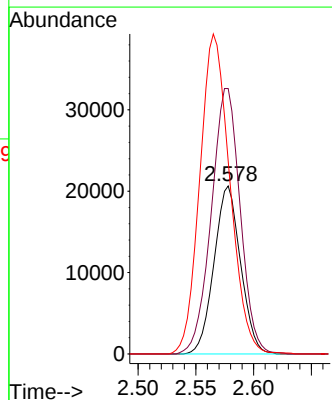
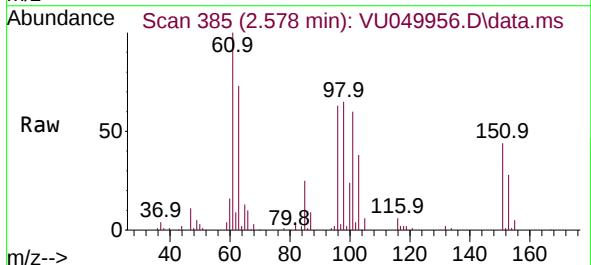
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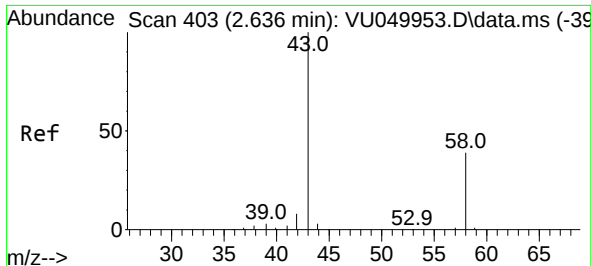
Tgt Ion:101 Resp: 36831
 Ion Ratio Lower Upper
 101 100
 85 42.1 34.1 51.1
 151 72.5 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 5.380 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049956.D
 Acq: 27 Jul 2022 18:28

Tgt Ion: 96 Resp: 32932
 Ion Ratio Lower Upper
 96 100
 61 158.1 115.7 214.9
 63 114.8 84.8 157.4





#13

Acetone

Concen: 42.599 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.019 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

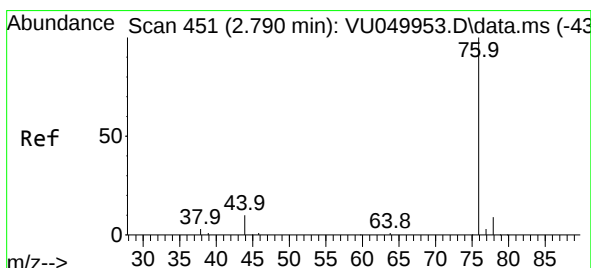
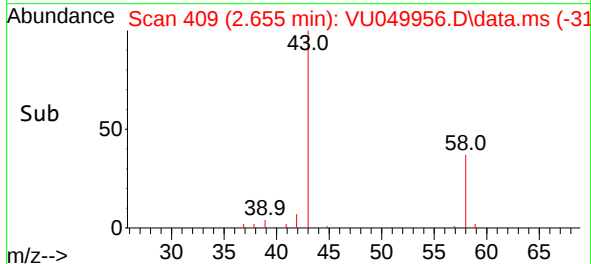
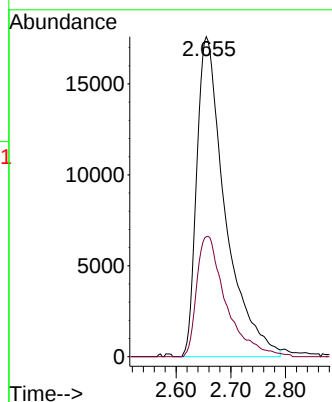
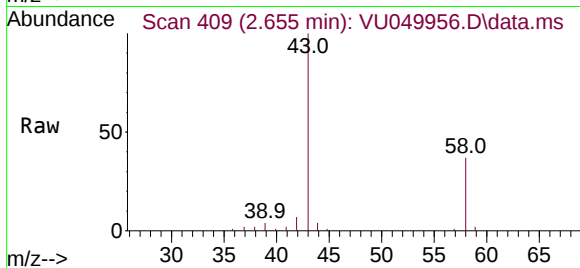
VICV049

Tgt Ion: 43 Resp: 63473

Ion Ratio Lower Upper

43 100

58 38.8 0.0 73.0



#14

Carbon disulfide

Concen: 4.873 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049956.D

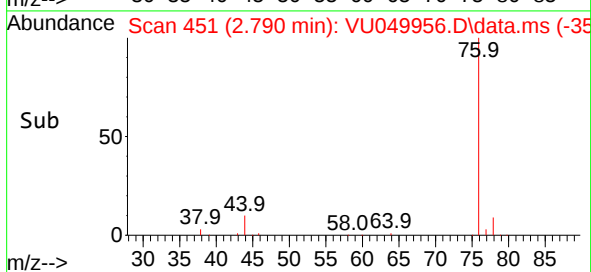
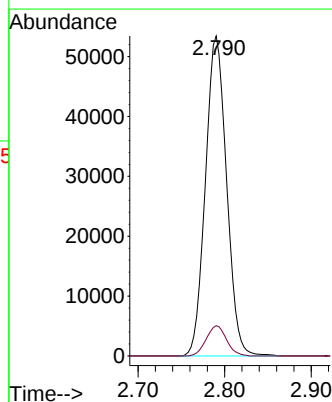
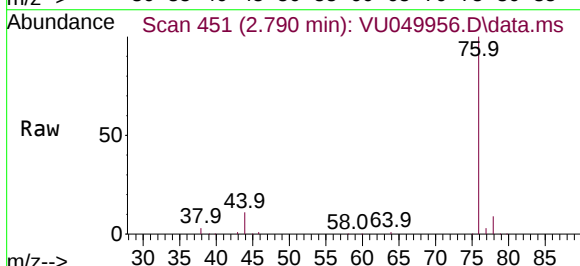
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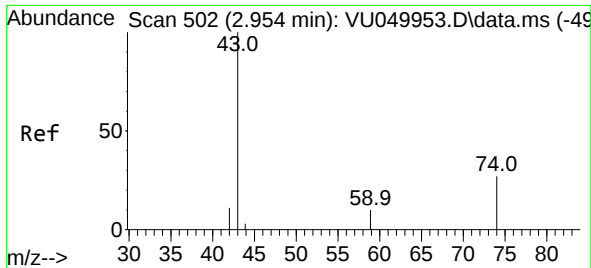
Tgt Ion: 76 Resp: 90604

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

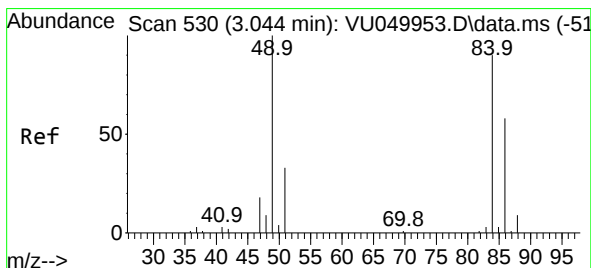
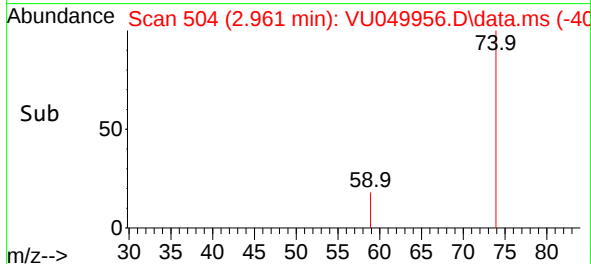
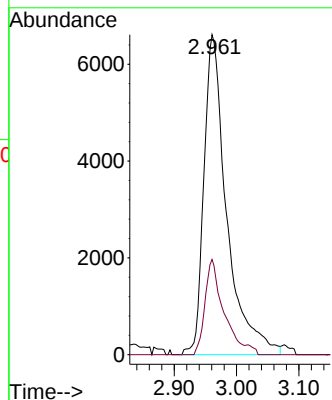
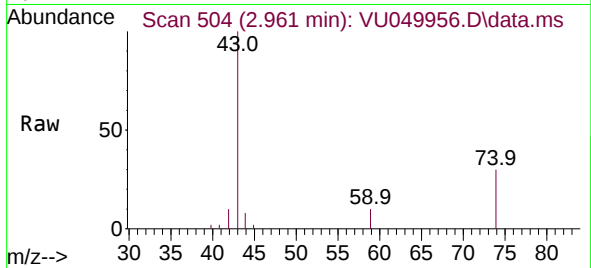




#15
Methyl Acetate
Concen: 5.452 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

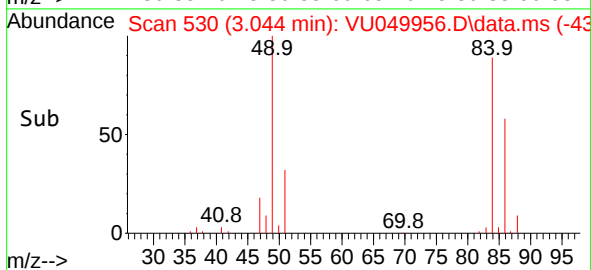
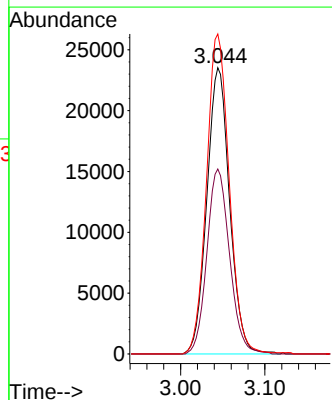
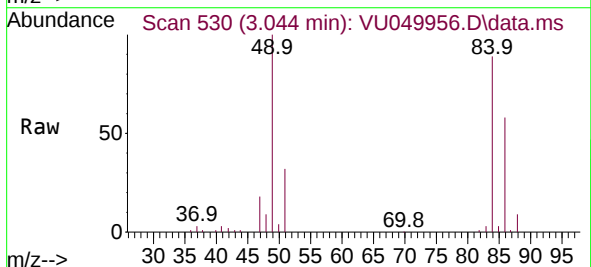
Instrument :
MSVOA_U
ClientSampleId :
VICV049

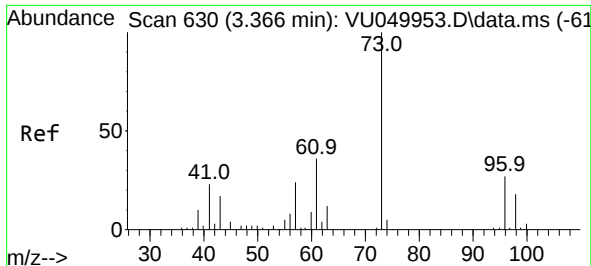
Tgt Ion: 43 Resp: 16853
Ion Ratio Lower Upper
43 100
74 24.8 21.6 32.4



#16
Methylene chloride
Concen: 4.700 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion: 84 Resp: 44238
Ion Ratio Lower Upper
84 100
86 64.6 45.2 84.0
49 111.8 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 5.012 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

VICV049

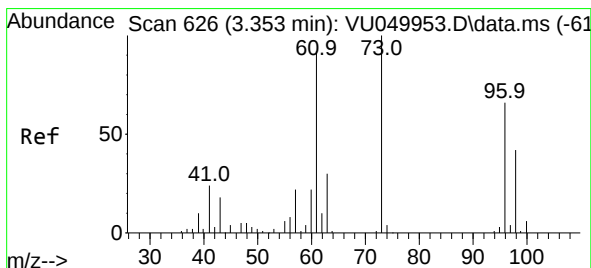
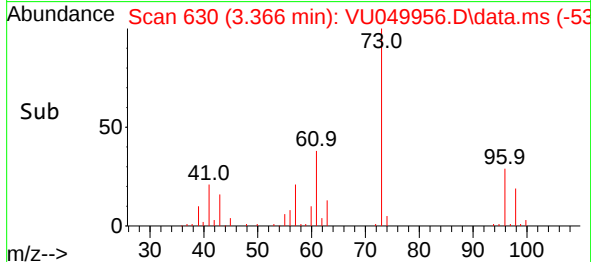
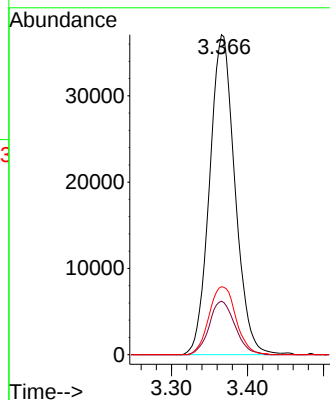
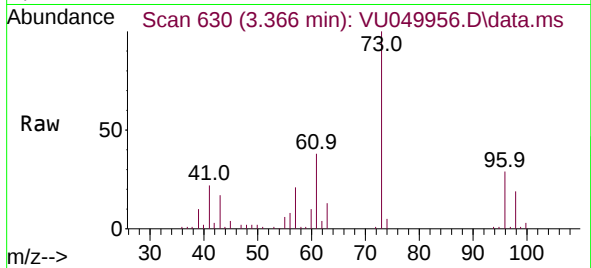
Tgt Ion: 73 Resp: 85773

Ion Ratio Lower Upper

73 100

43 17.0 13.8 20.6

57 22.6 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.140 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

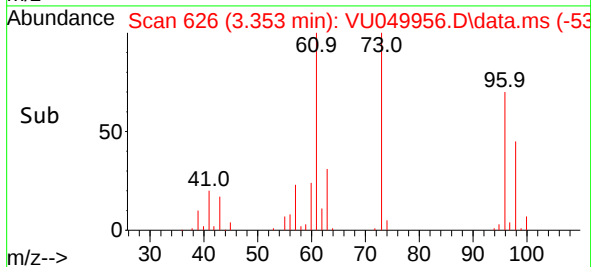
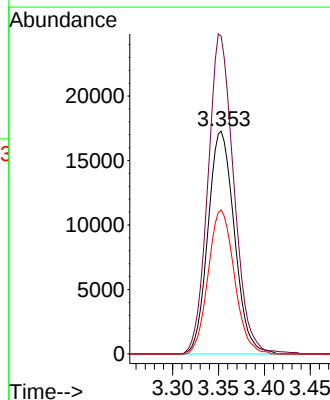
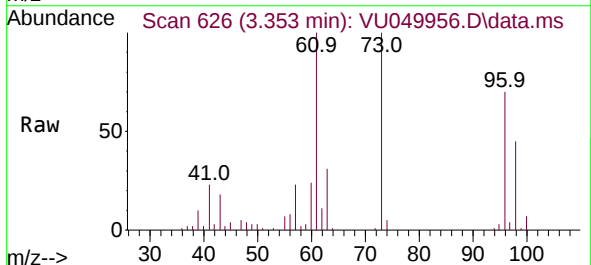
Tgt Ion: 96 Resp: 34581

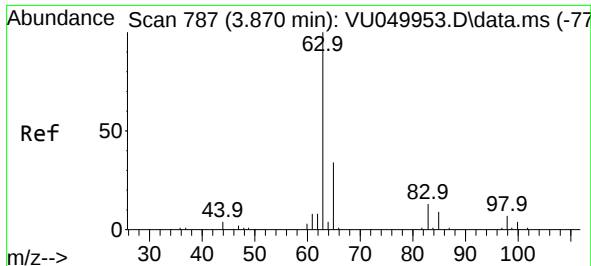
Ion Ratio Lower Upper

96 100

61 142.7 98.0 182.0

98 64.6 44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.089 ug/L

RT: 3.870 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

VICV049

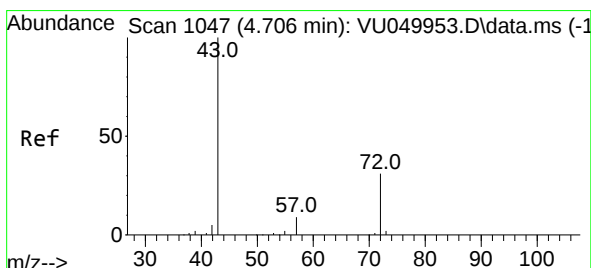
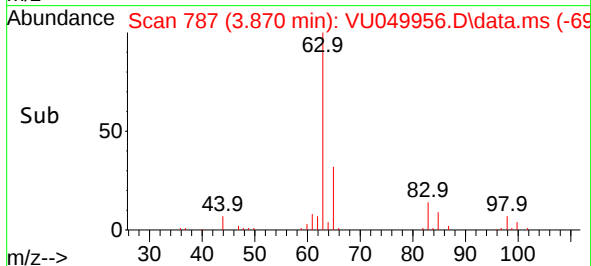
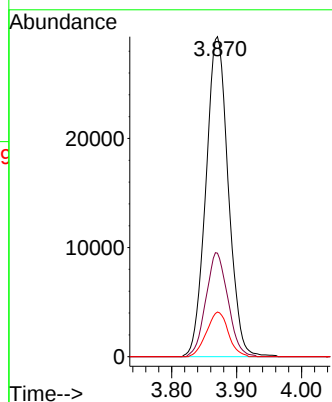
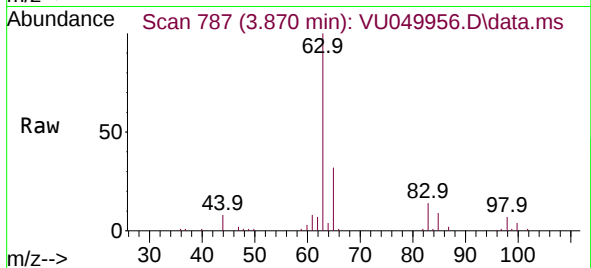
Tgt Ion: 63 Resp: 70239

Ion Ratio Lower Upper

63 100

65 32.4 23.4 43.6

83 14.0 9.4 17.4



#21

2-Butanone

Concen: 52.287 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.013 min

Lab File: VU049956.D

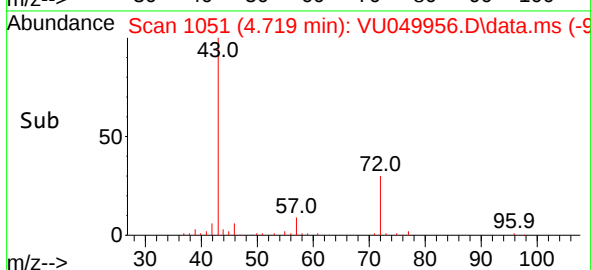
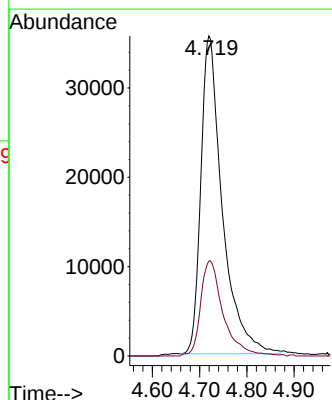
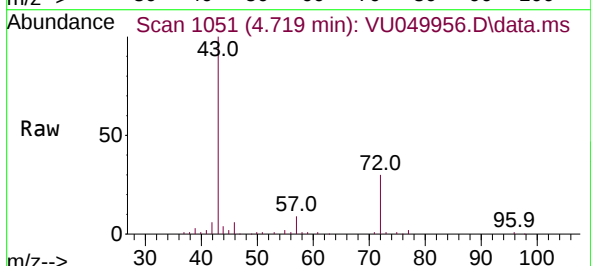
Acq: 27 Jul 2022 18:28

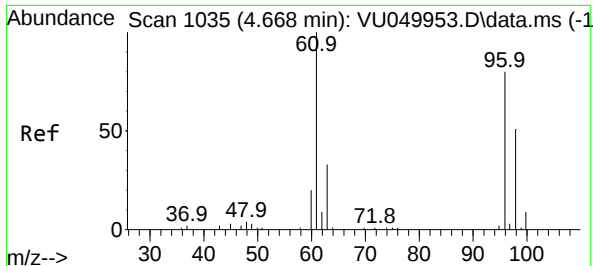
Tgt Ion: 43 Resp: 112210

Ion Ratio Lower Upper

43 100

72 31.4 15.8 47.3





#22

cis-1,2-Dichloroethene

Concen: 5.064 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

VICV049

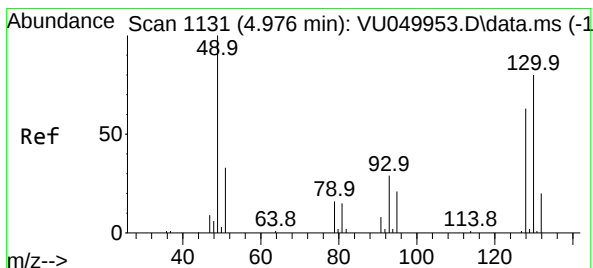
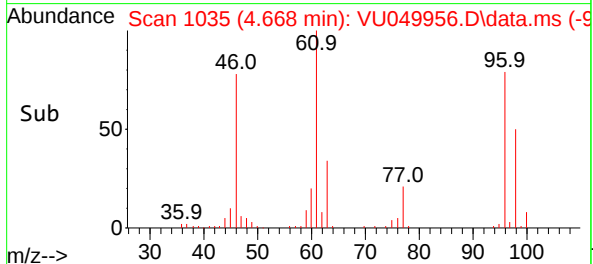
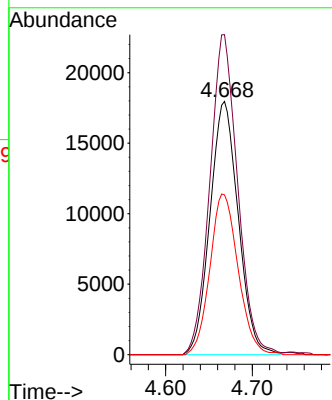
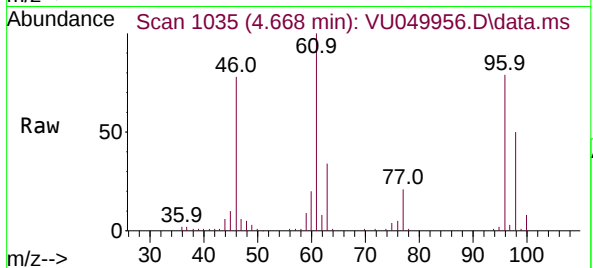
Tgt Ion: 96 Resp: 40726

Ion Ratio Lower Upper

96 100

61 126.4 87.2 161.9

98 63.1 44.7 83.1



#23

Bromochloromethane

Concen: 5.206 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Tgt Ion:128 Resp: 19172

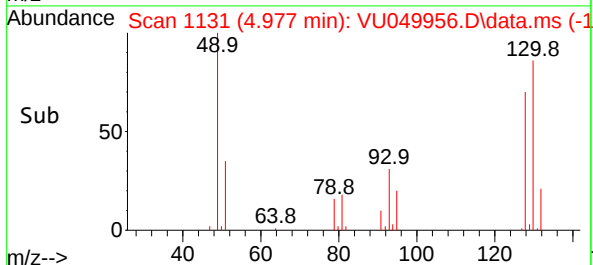
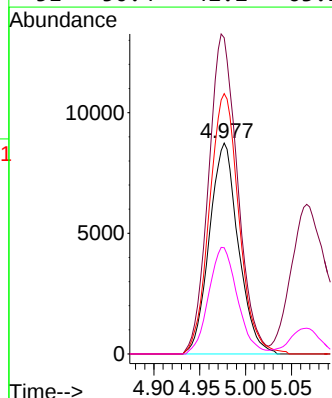
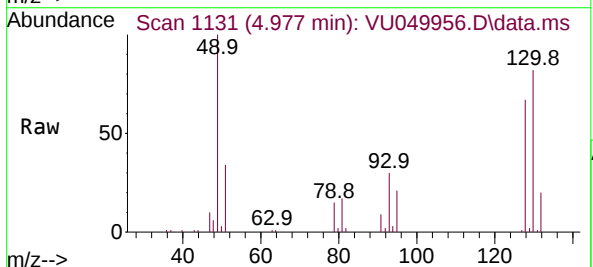
Ion Ratio Lower Upper

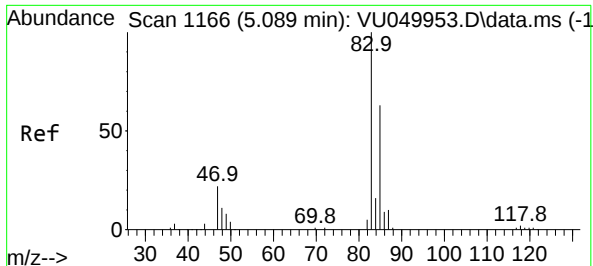
128 100

49 149.9 111.4 207.0

130 123.4 88.7 164.7

51 50.4 42.2 63.2





#25

Chloroform

Concen: 4.716 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

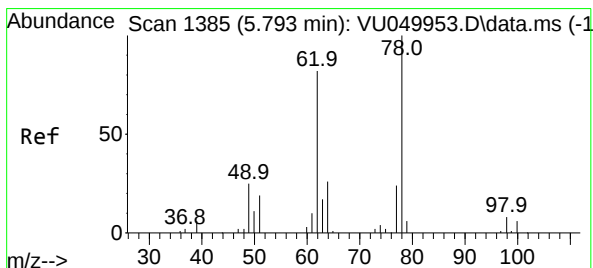
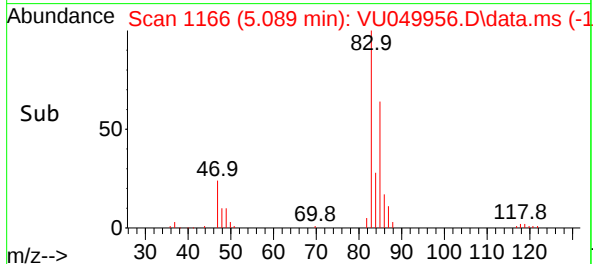
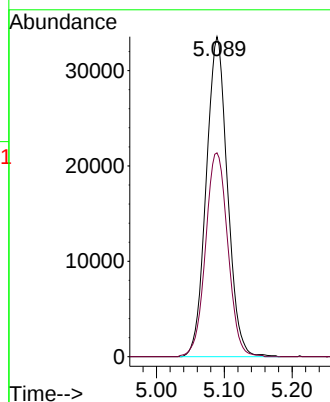
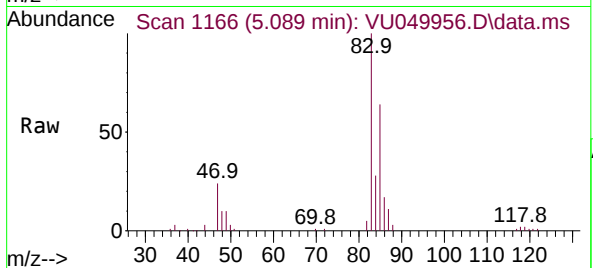
VICV049

Tgt Ion: 83 Resp: 72947

Ion Ratio Lower Upper

83 100

85 63.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 4.890 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU049956.D

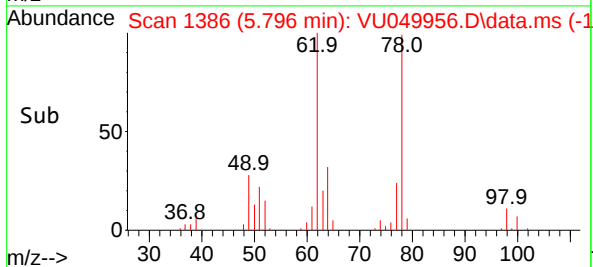
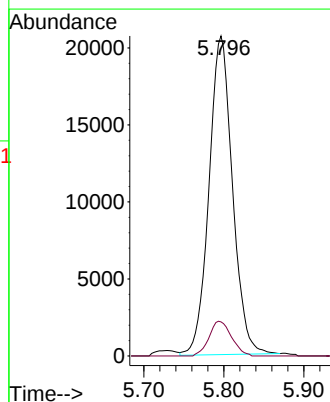
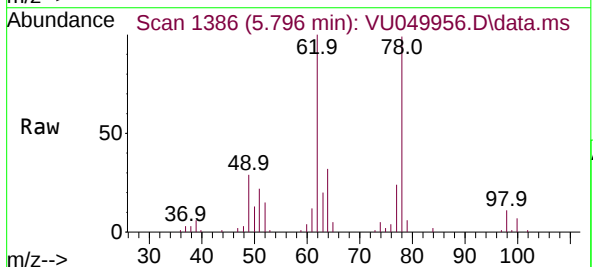
Acq: 27 Jul 2022 18:28

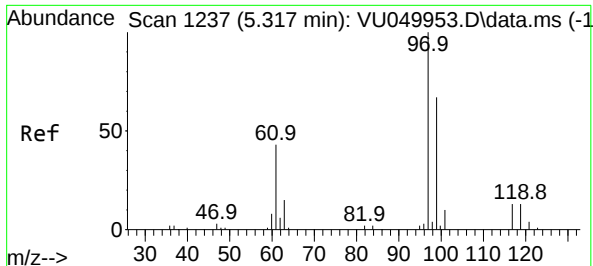
Tgt Ion: 62 Resp: 42213

Ion Ratio Lower Upper

62 100

98 10.7 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.252 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

VICV049

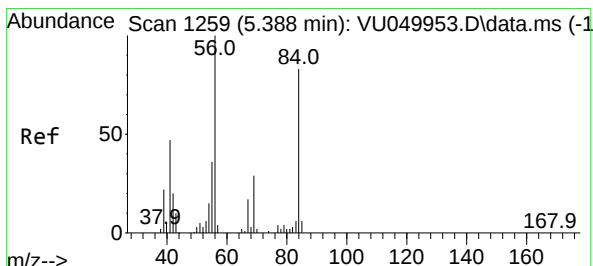
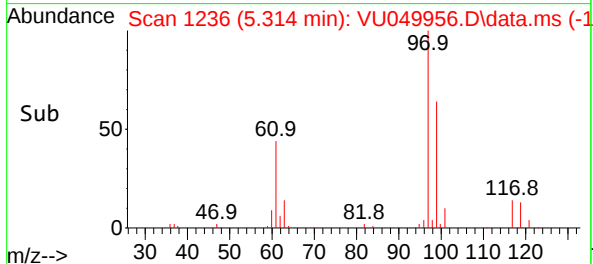
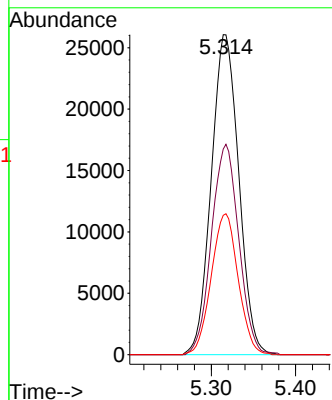
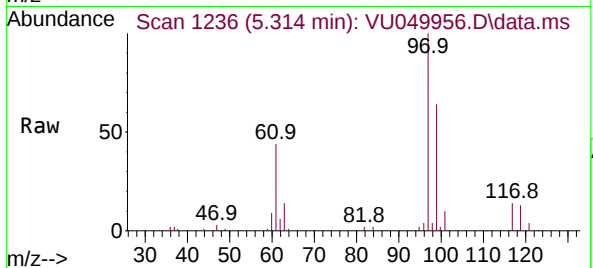
Tgt Ion: 97 Resp: 59100

Ion Ratio Lower Upper

97 100

99 65.4 52.0 78.0

61 43.1 35.0 52.6



#30

Cyclohexane

Concen: 5.714 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

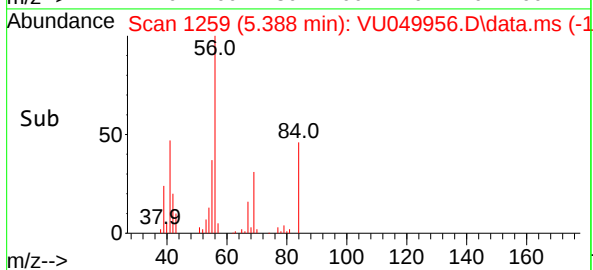
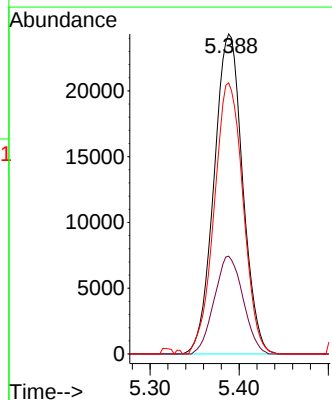
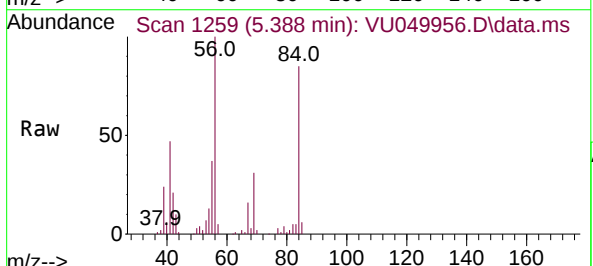
Tgt Ion: 56 Resp: 54266

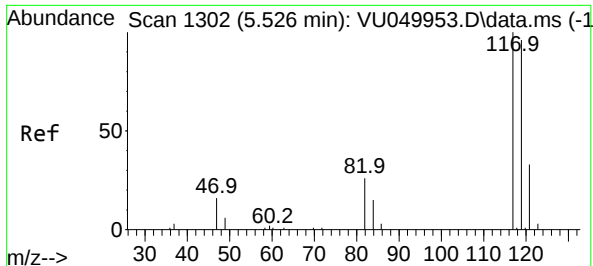
Ion Ratio Lower Upper

56 100

69 30.7 25.1 37.7

84 85.5 70.1 105.1

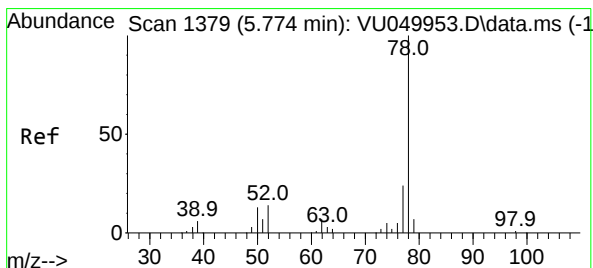
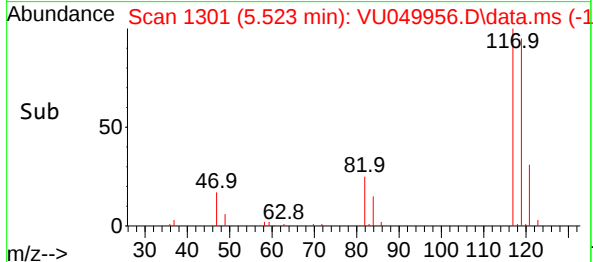
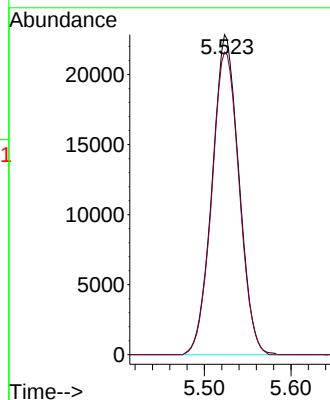
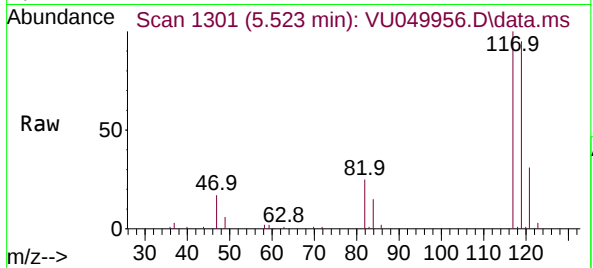




#31
Carbon tetrachloride
Concen: 5.370 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

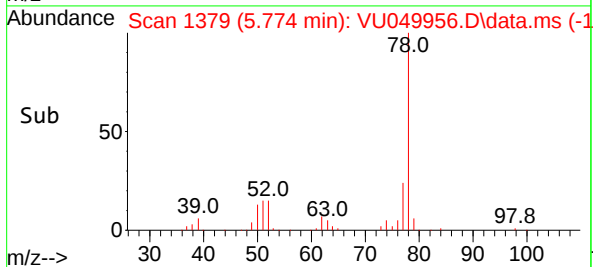
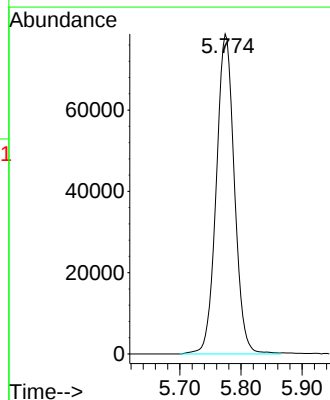
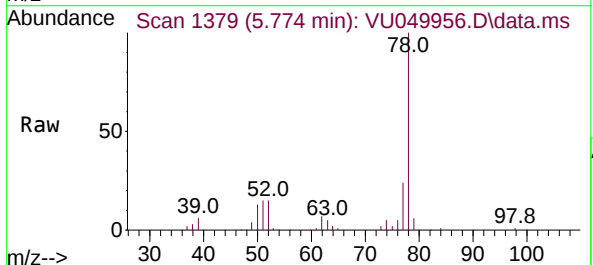
Instrument :
MSVOA_U
ClientSampleId :
VICV049

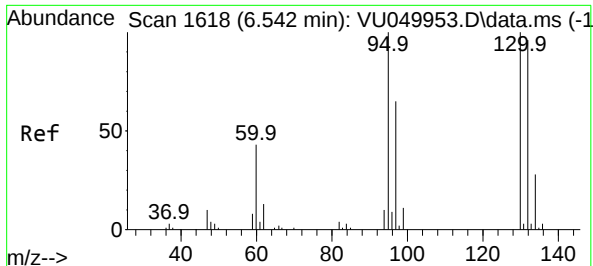
Tgt Ion:117 Resp: 49081
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.6



#33
Benzene
Concen: 5.235 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion: 78 Resp: 161902

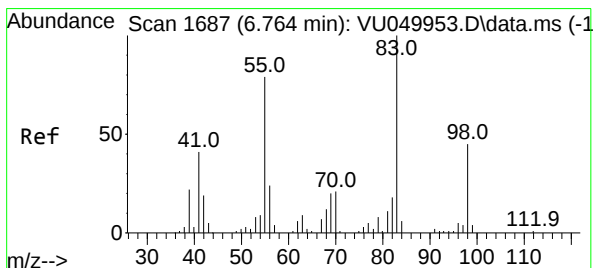
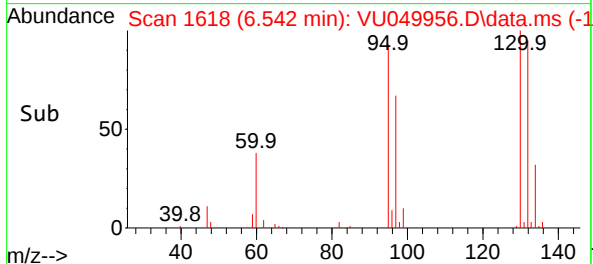
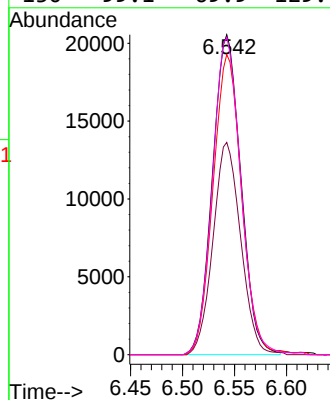
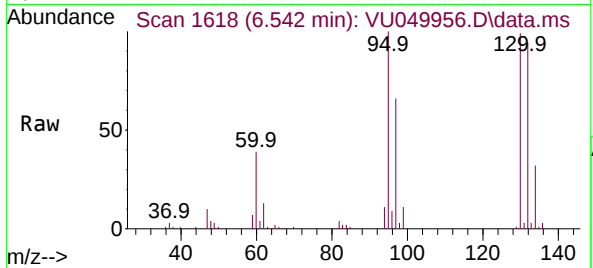




#34
Trichloroethene
Concen: 5.198 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

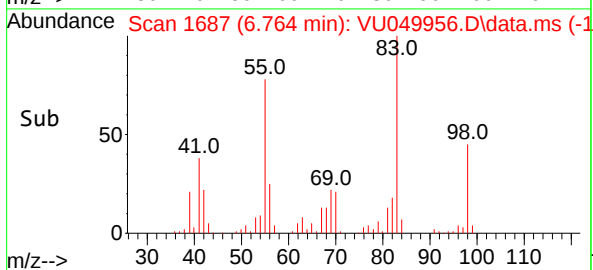
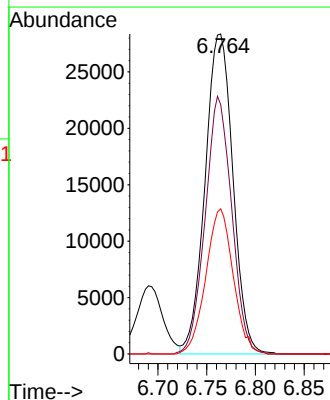
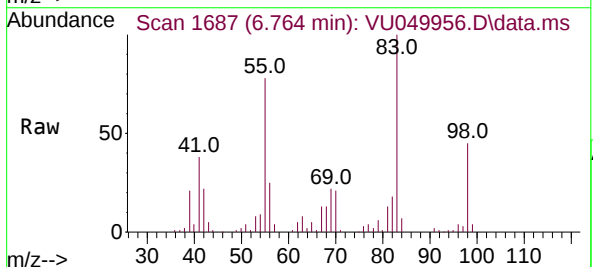
Instrument :
MSVOA_U
ClientSampleId :
VICV049

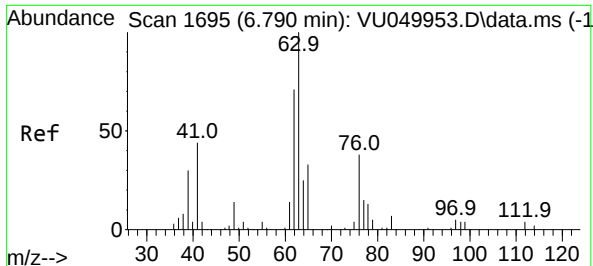
Tgt Ion: 95 Resp: 39076
Ion Ratio Lower Upper
95 100
97 66.3 45.6 84.8
132 93.8 66.8 124.2
130 99.1 69.9 129.7



#35
Methylcyclohexane
Concen: 5.688 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion: 83 Resp: 56399
Ion Ratio Lower Upper
83 100
55 76.4 61.6 92.4
98 44.5 34.8 52.2





#37

1,2-Dichloropropane

Concen: 5.113 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

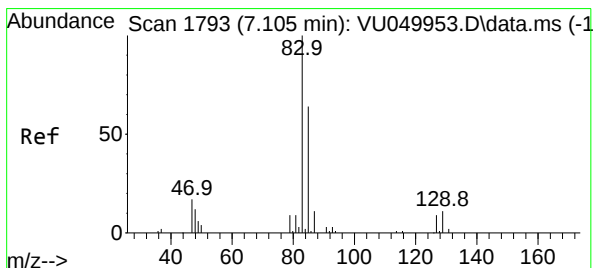
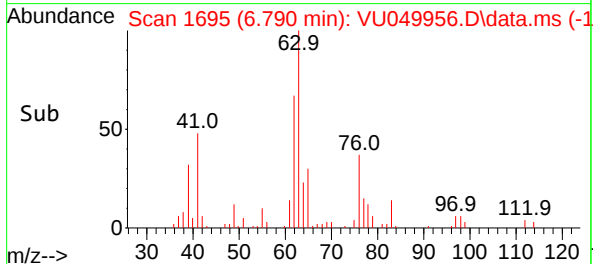
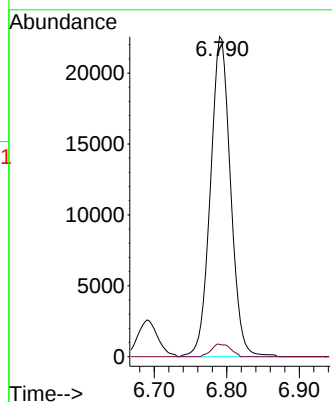
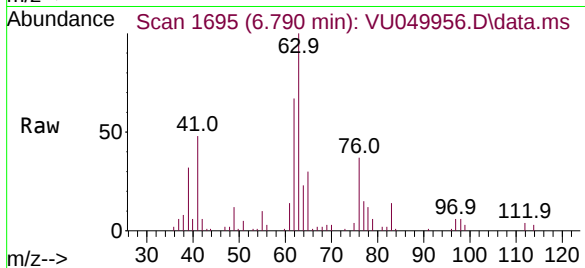
VICV049

Tgt Ion: 63 Resp: 43579

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 5.169 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

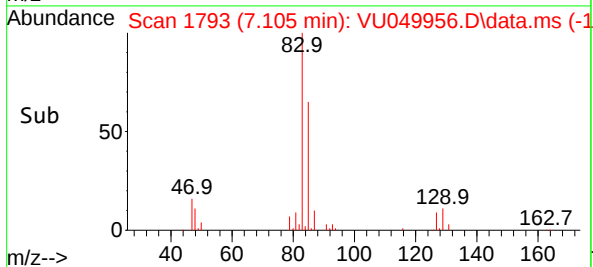
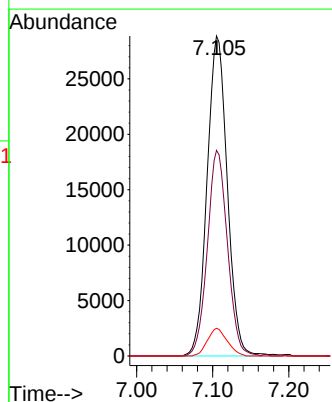
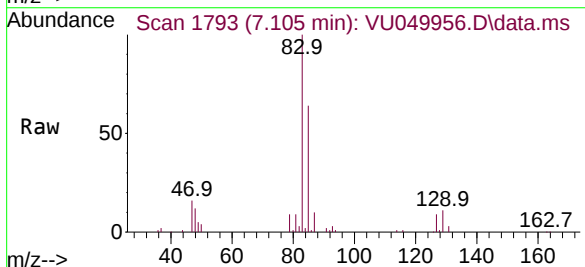
Tgt Ion: 83 Resp: 53310

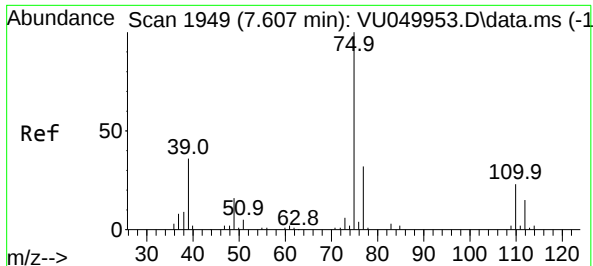
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.054 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

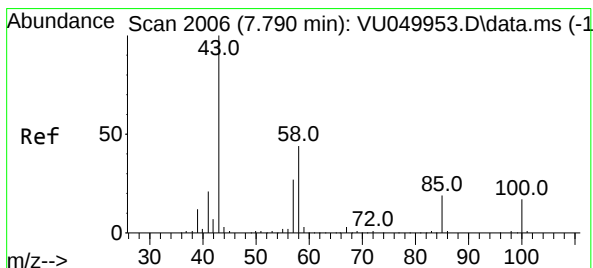
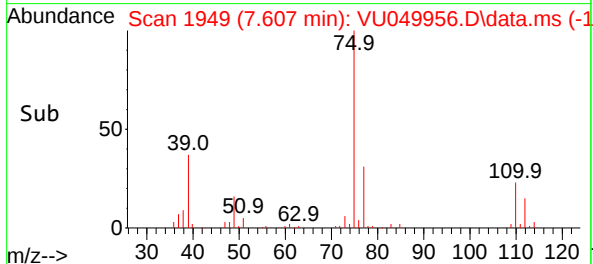
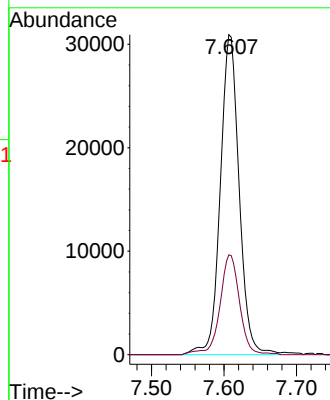
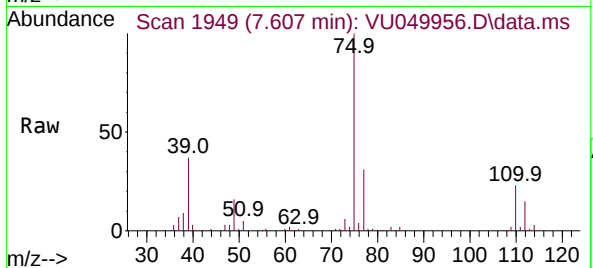
VICV049

Tgt Ion: 75 Resp: 55748

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.889 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

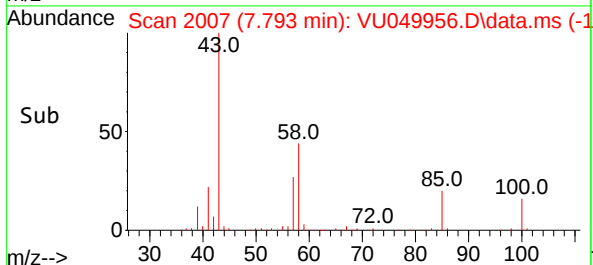
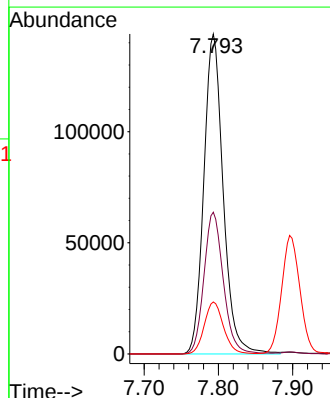
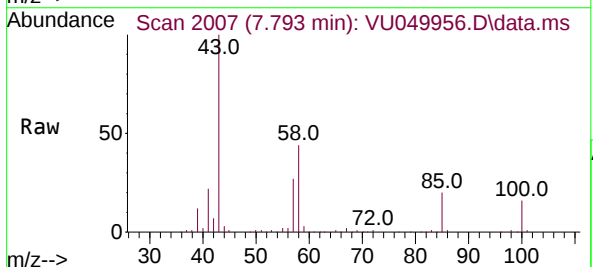
Tgt Ion: 43 Resp: 260467

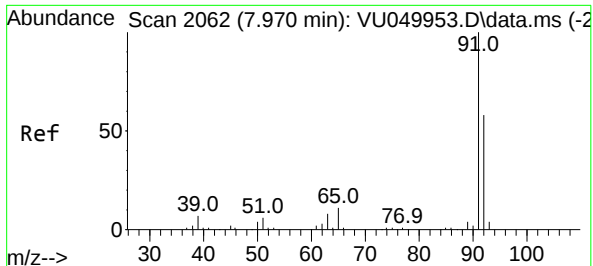
Ion Ratio Lower Upper

43 100

58 44.5 35.5 53.3

100 16.2 13.2 19.8





#42

Toluene

Concen: 5.298 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

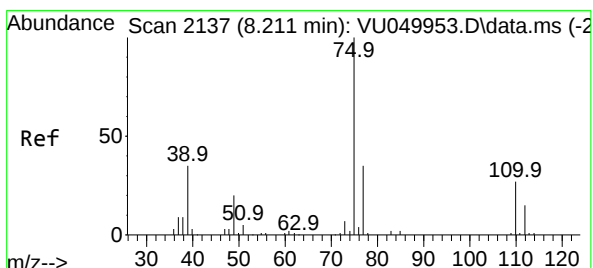
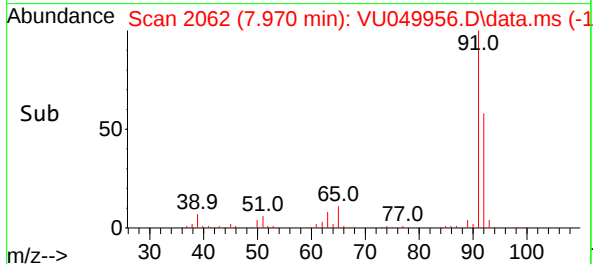
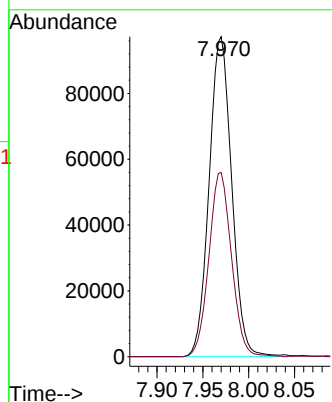
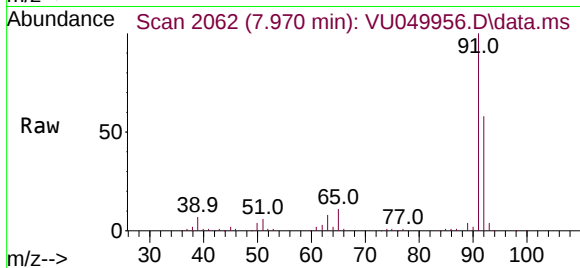
VICV049

Tgt Ion: 91 Resp: 166613

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.050 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049956.D

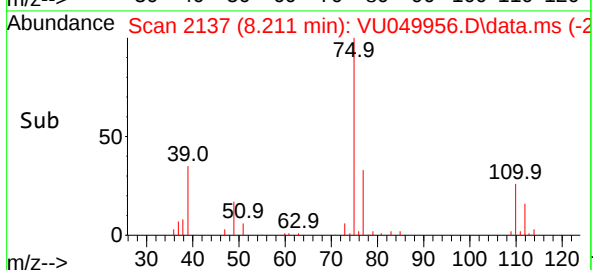
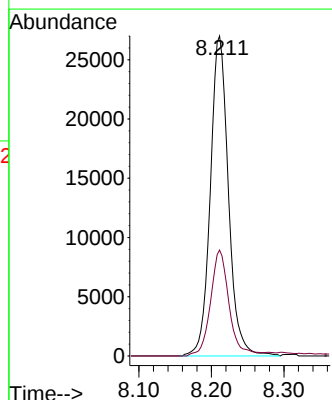
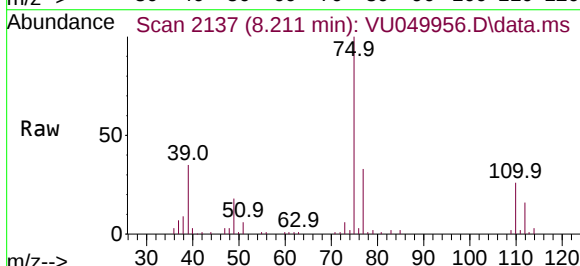
Acq: 27 Jul 2022 18:28

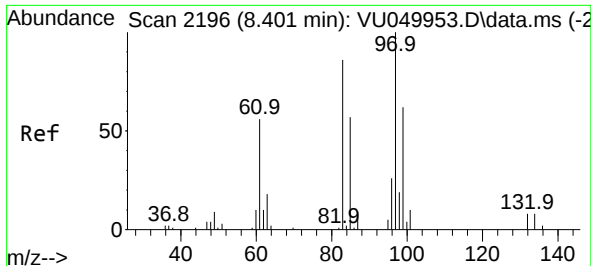
Tgt Ion: 75 Resp: 46780

Ion Ratio Lower Upper

75 100

77 33.1 24.1 44.8

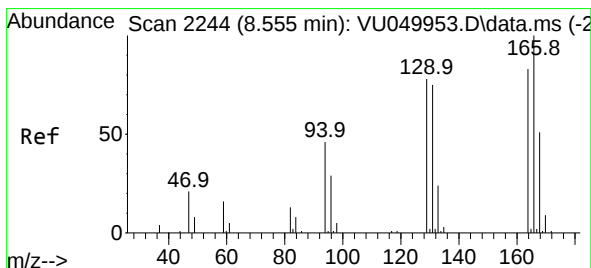
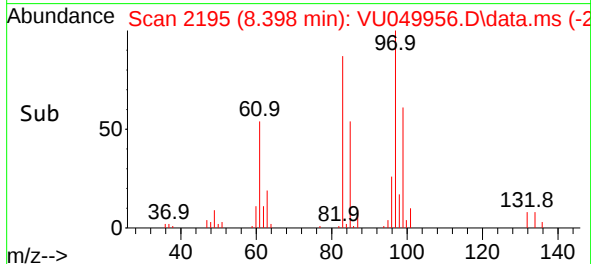
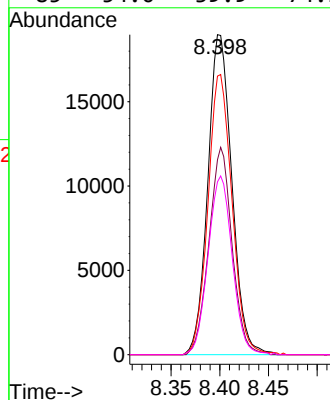
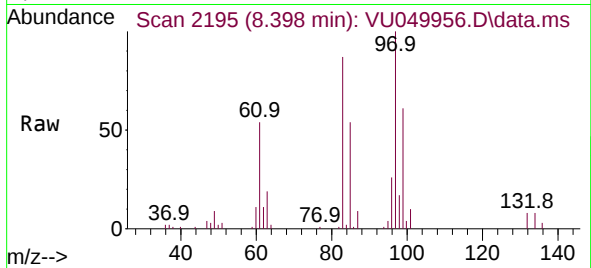




#45
1,1,2-Trichloroethane
Concen: 5.133 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

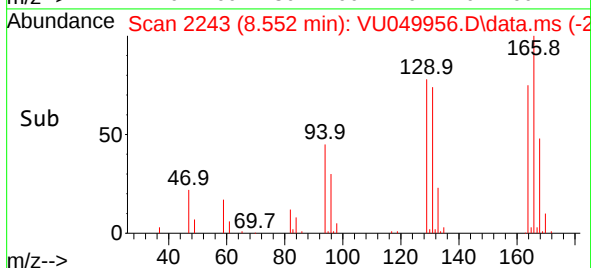
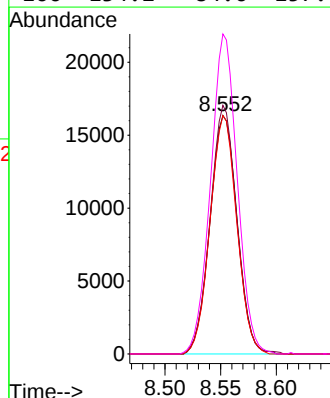
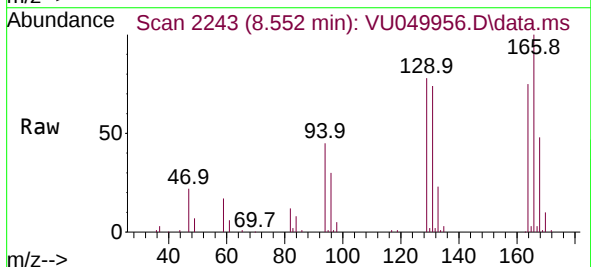
Instrument :
MSVOA_U
ClientSampleId :
VICV049

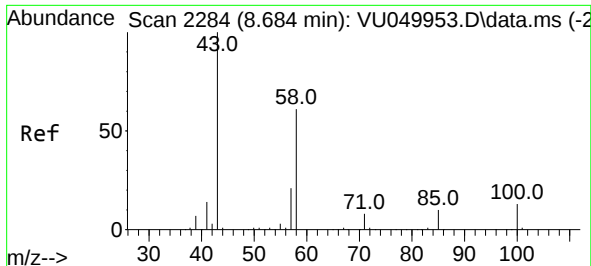
Tgt Ion:	97	Resp:	32689
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.5	80.9
83	87.1	59.9	111.3
85	54.0	39.9	74.1



#47
Tetrachloroethene
Concen: 5.150 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion:	164	Resp:	27864
Ion	Ratio	Lower	Upper
164	100		
129	104.3	66.3	123.1
131	100.0	63.1	117.1
166	134.2	84.6	157.0

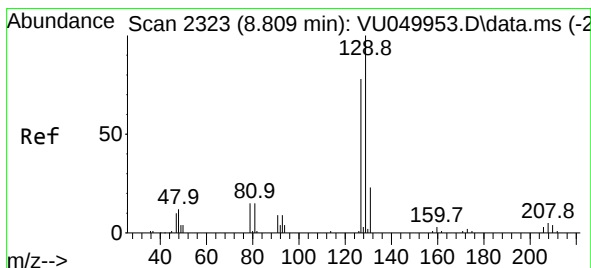
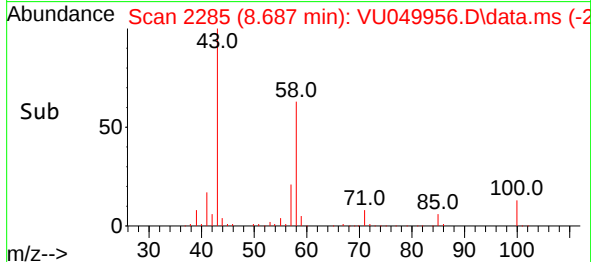
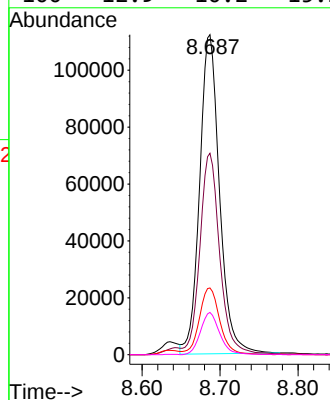
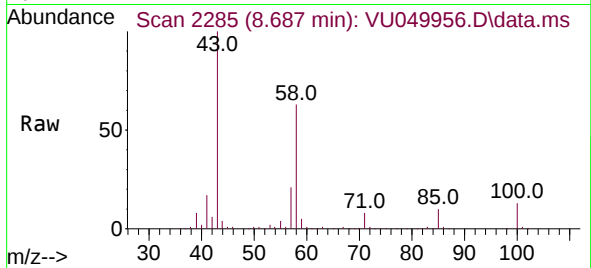




#48
2-Hexanone
Concen: 52.964 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

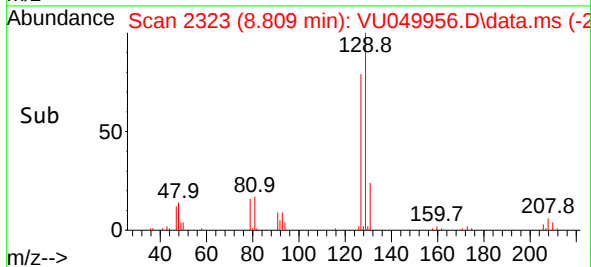
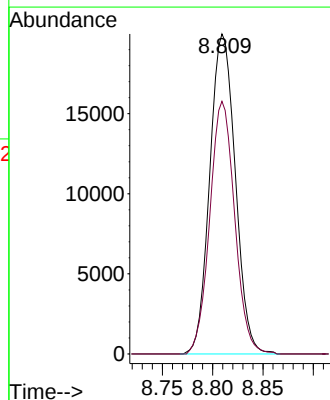
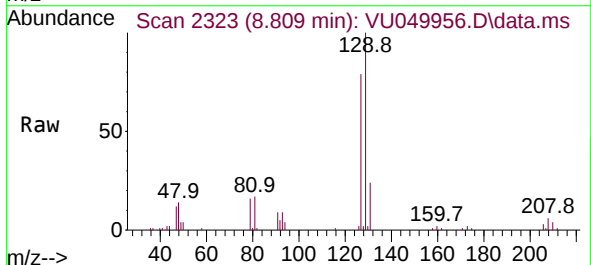
Instrument :
MSVOA_U
ClientSampleId :
VICV049

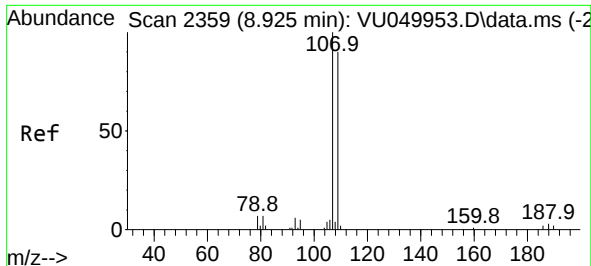
Tgt Ion: 43	Resp: 198835
Ion Ratio	Lower Upper
43 100	
58 62.7	49.4 74.0
57 21.6	17.0 25.4
100 12.9	10.2 15.2



#49
Dibromochloromethane
Concen: 5.066 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion:129	Resp:	35307	
Ion	Ratio	Lower	Upper
129	100		
127	78.9	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.137 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

VICV049

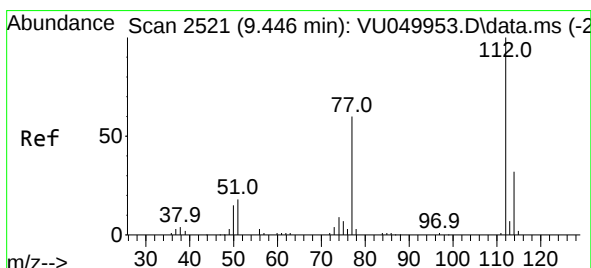
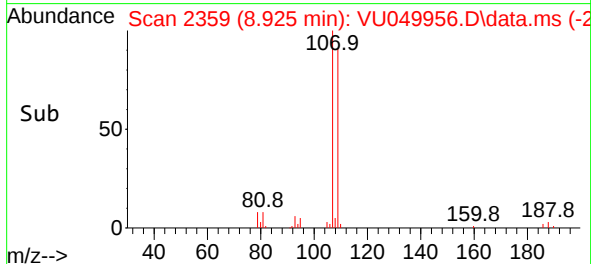
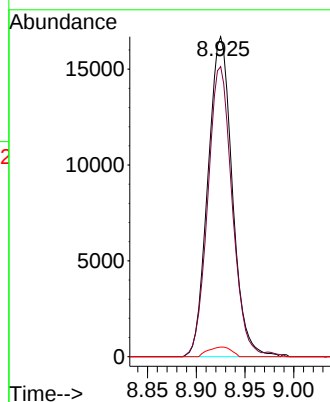
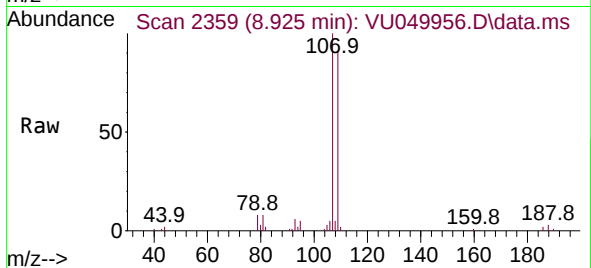
Tgt Ion:107 Resp: 29052

Ion Ratio Lower Upper

107 100

109 90.7 62.7 116.5

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 5.155 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

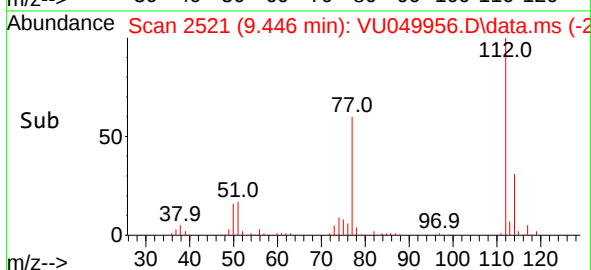
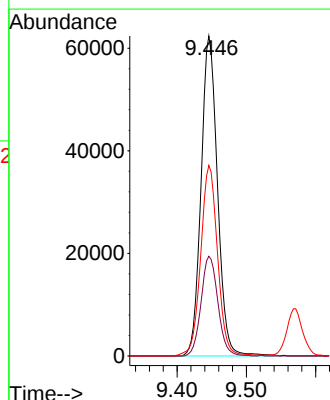
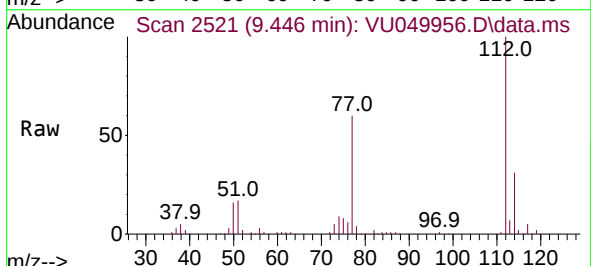
Tgt Ion:112 Resp: 102914

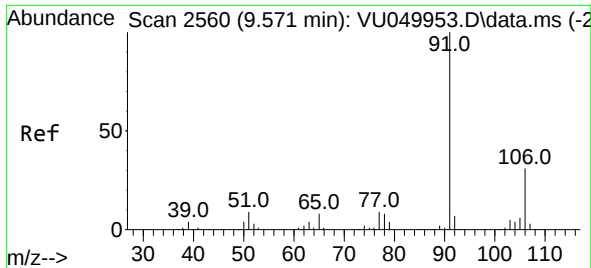
Ion Ratio Lower Upper

112 100

114 31.1 22.4 41.6

77 59.5 48.2 72.4

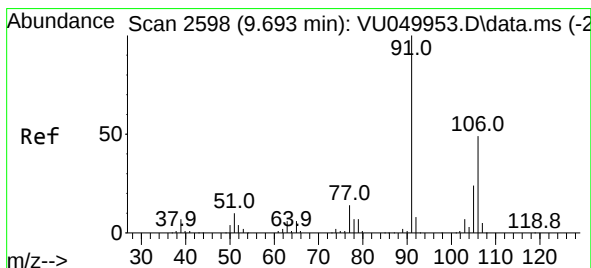
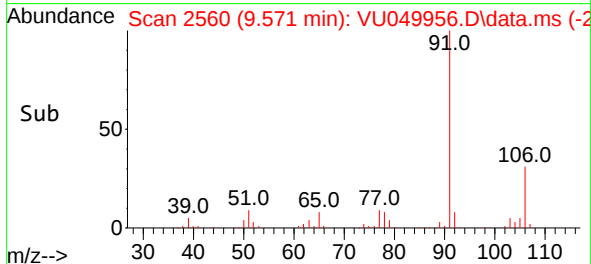
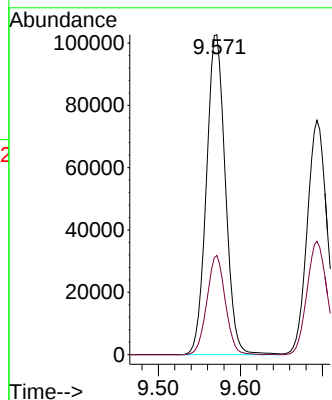
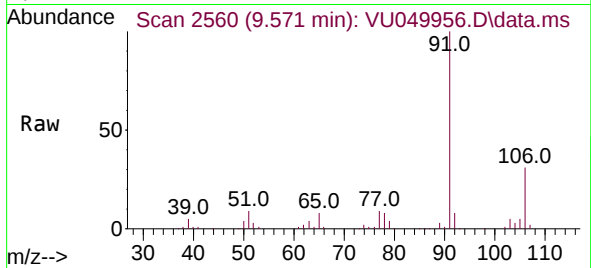




#52
Ethylbenzene
Concen: 5.359 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

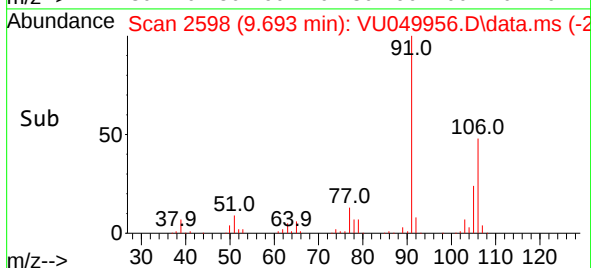
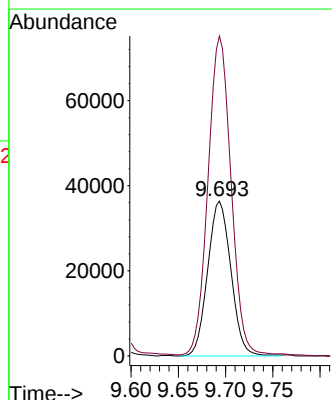
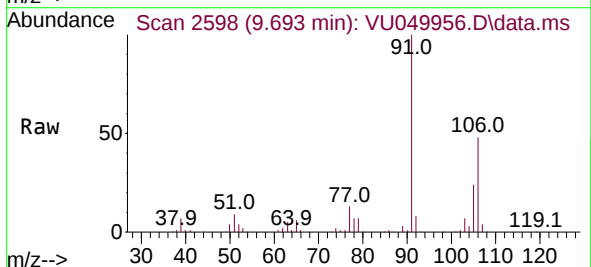
Instrument :
MSVOA_U
ClientSampleId :
VICV049

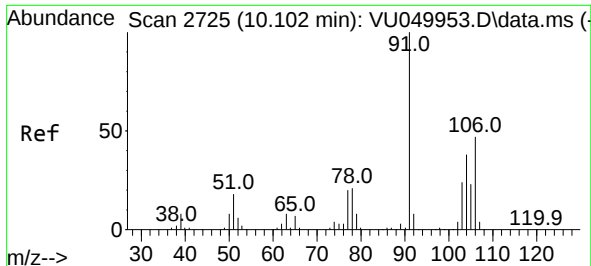
Tgt Ion: 91 Resp: 165105
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.0



#53
m,p-Xylene
Concen: 5.306 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion: 106 Resp: 62248
Ion Ratio Lower Upper
106 100
91 206.6 142.4 264.4

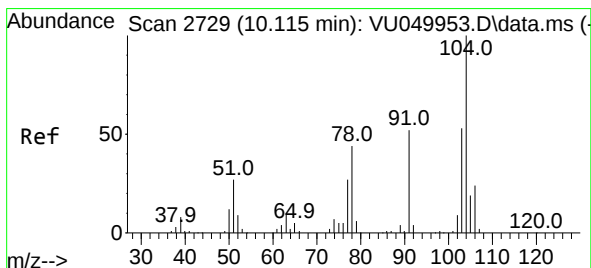
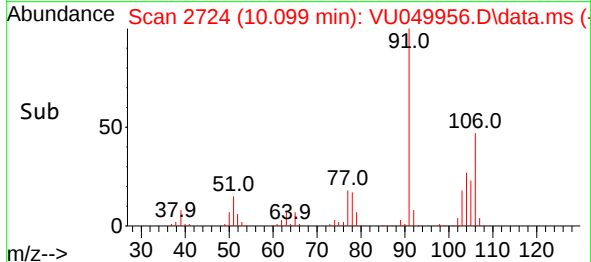
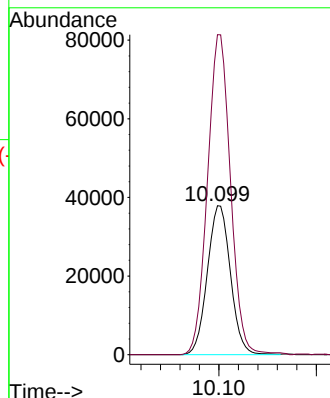
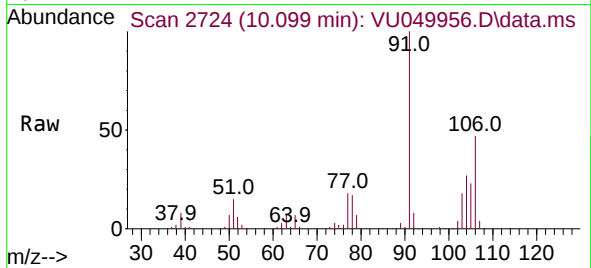




#54
o-Xylene
Concen: 5.481 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

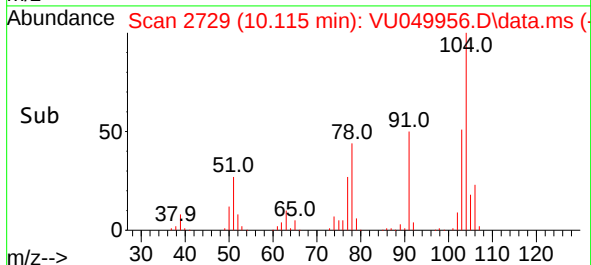
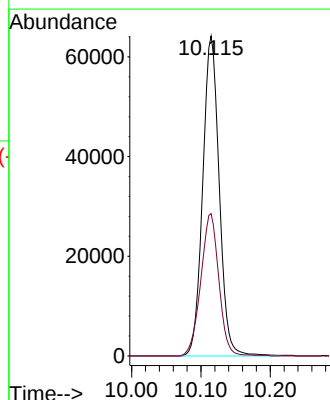
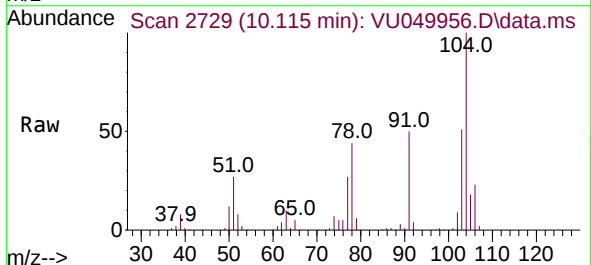
Instrument :
MSVOA_U
ClientSampleId :
VICV049

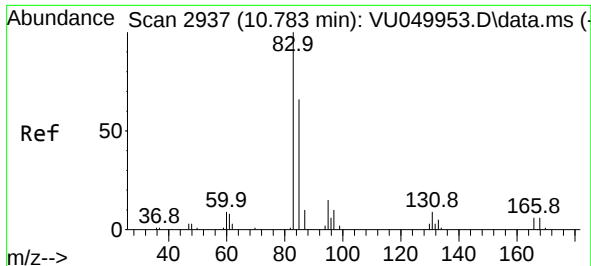
Tgt Ion:106 Resp: 62340
Ion Ratio Lower Upper
106 100
91 214.8 148.7 276.1



#55
Styrene
Concen: 5.486 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion:104 Resp: 106275
Ion Ratio Lower Upper
104 100
78 44.5 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.179 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

VICV049

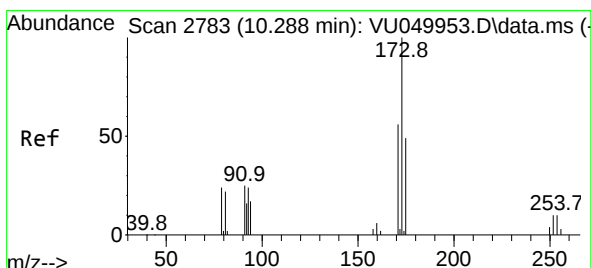
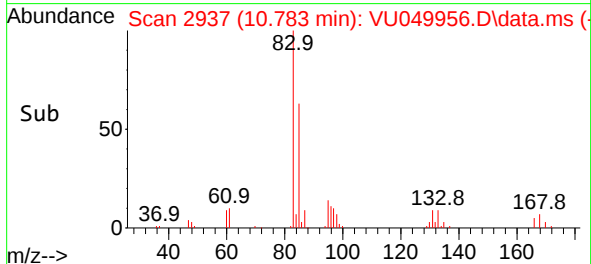
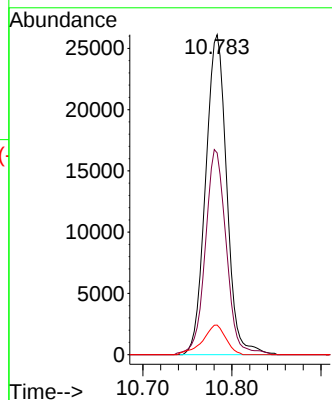
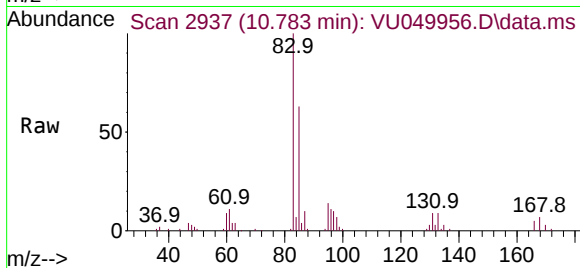
Tgt Ion: 83 Resp: 42933

Ion Ratio Lower Upper

83 100

85 63.1 46.6 86.6

131 9.2 7.9 11.9



#59

Bromoform

Concen: 4.892 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

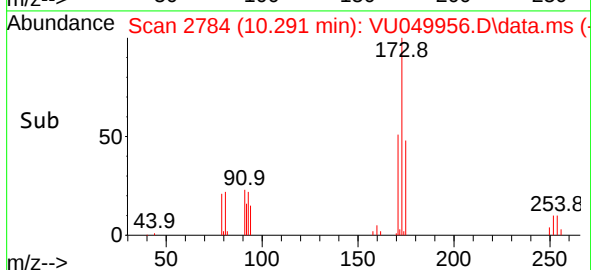
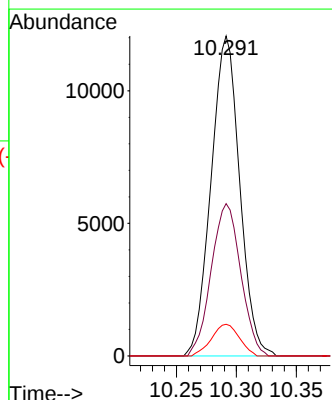
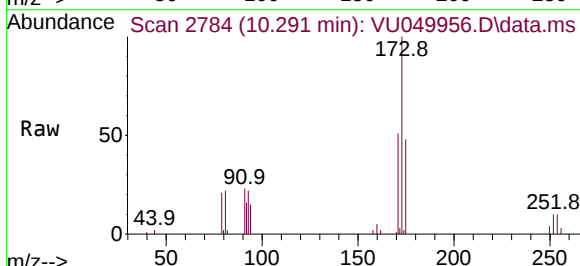
Tgt Ion:173 Resp: 19988

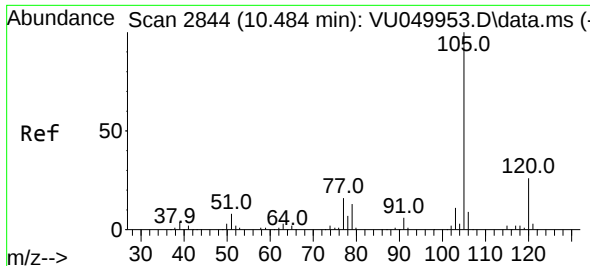
Ion Ratio Lower Upper

173 100

175 49.0 39.1 58.7

254 9.6 7.5 11.3

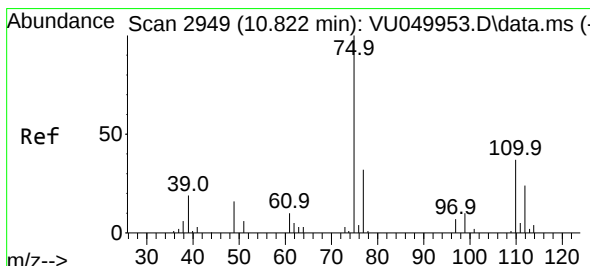
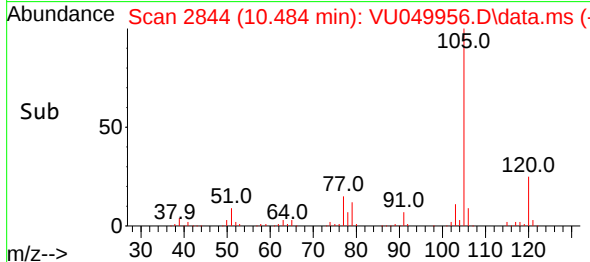
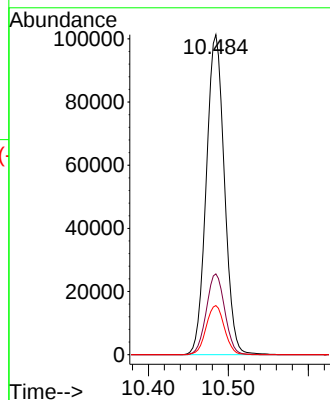
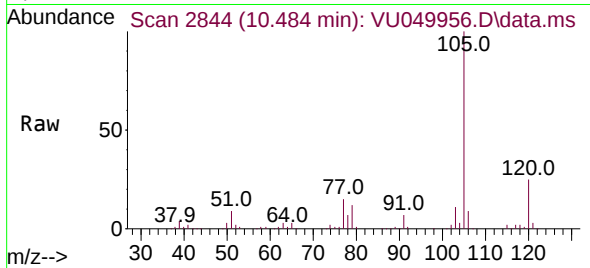




#60
Isopropylbenzene
Concen: 5.318 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

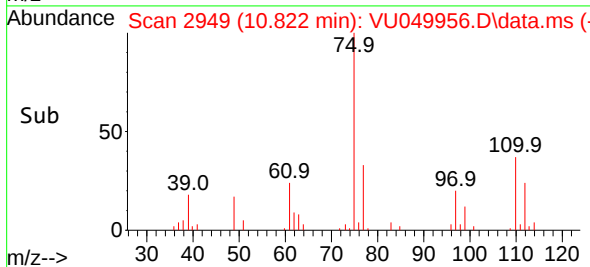
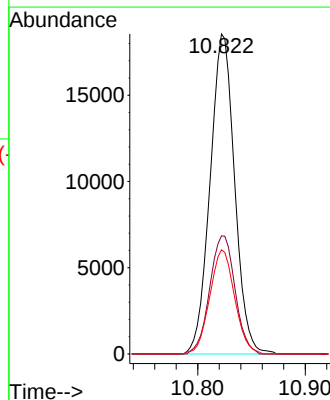
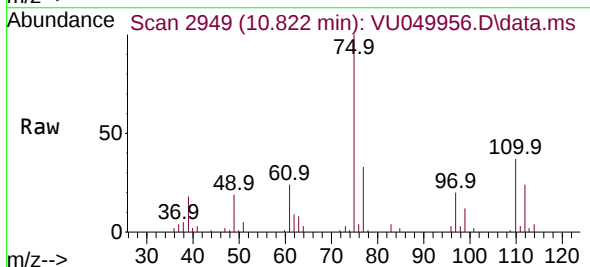
Instrument :
MSVOA_U
ClientSampleId :
VICV049

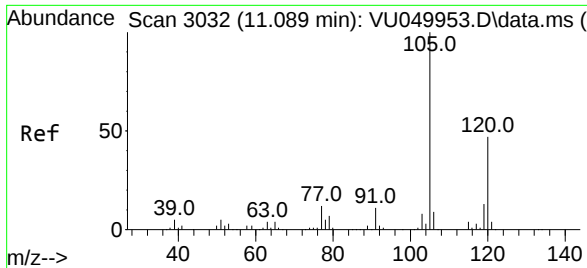
Tgt Ion:105 Resp: 159717
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 15.5 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.972 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion: 75 Resp: 29353
Ion Ratio Lower Upper
75 100
110 38.0 28.1 42.1
77 33.1 24.7 37.1

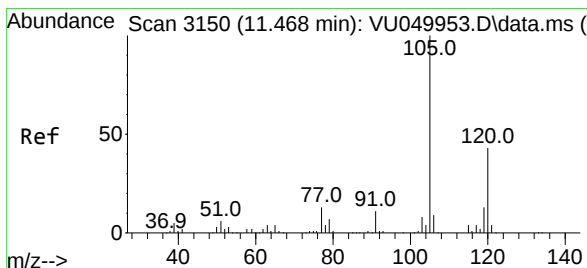
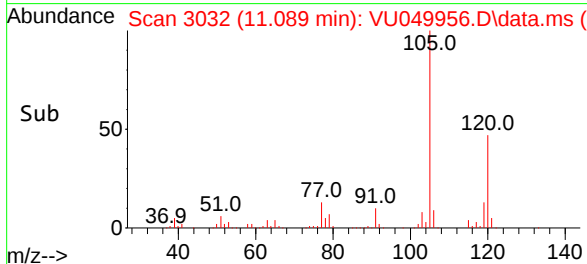
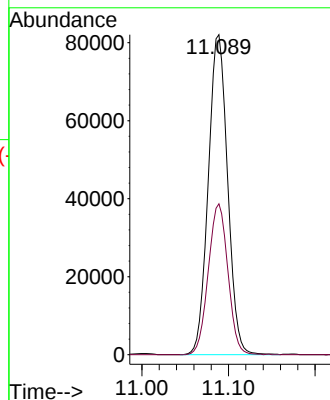
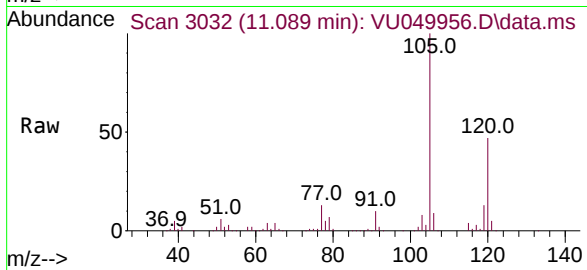




#62
1,3,5-Trimethylbenzene
Concen: 5.209 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

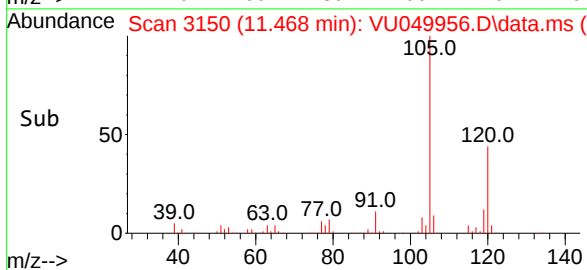
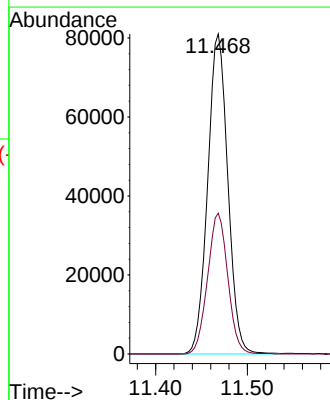
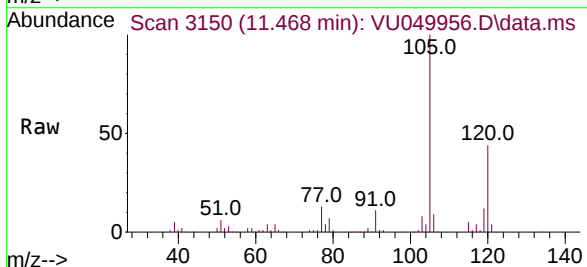
Instrument :
MSVOA_U
ClientSampleId :
VICV049

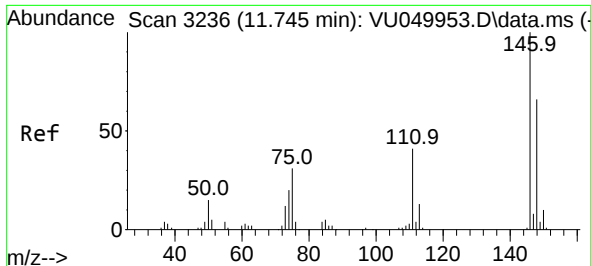
Tgt Ion:105 Resp: 127092
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.228 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion:105 Resp: 123608
Ion Ratio Lower Upper
105 100
120 44.1 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 5.239 ug/L

RT: 11.745 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

VICV049

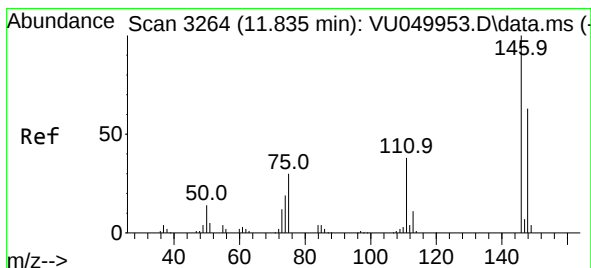
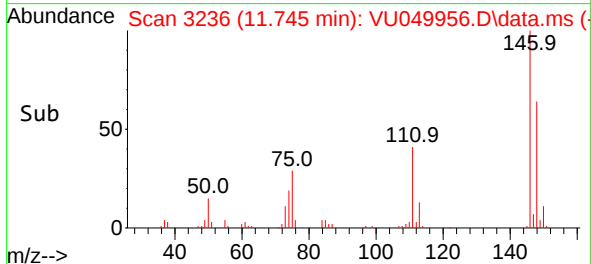
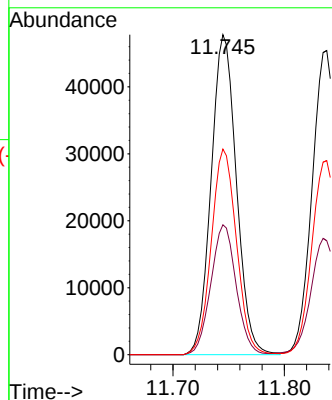
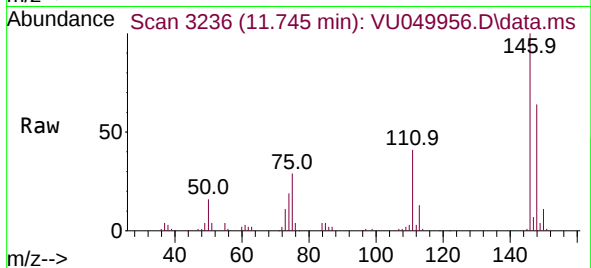
Tgt Ion:146 Resp: 75331

Ion Ratio Lower Upper

146 100

111 40.6 28.9 53.7

148 64.2 45.9 85.3



#65

1,4-Dichlorobenzene

Concen: 5.081 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

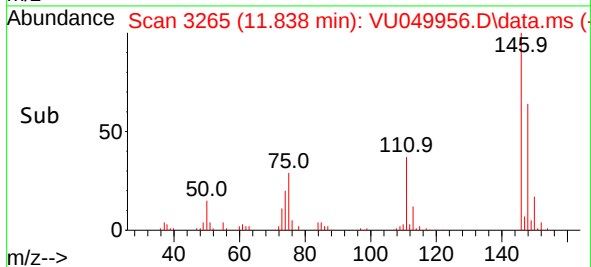
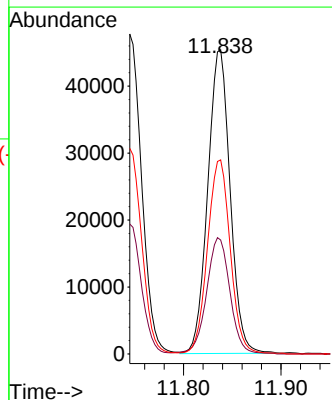
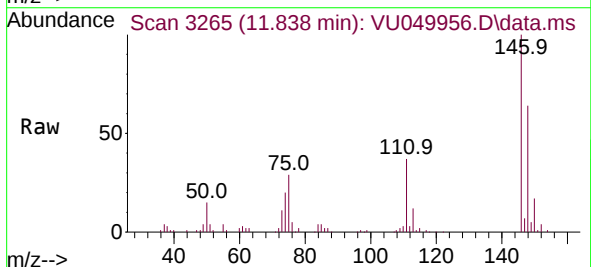
Tgt Ion:146 Resp: 72301

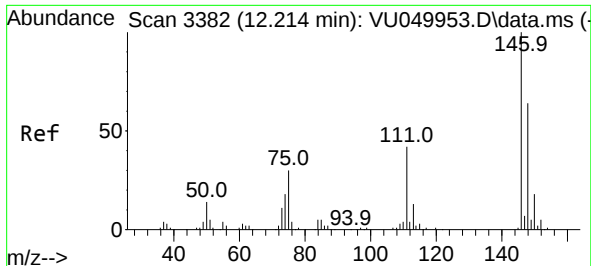
Ion Ratio Lower Upper

146 100

111 37.5 26.4 49.0

148 63.8 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.159 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

VICV049

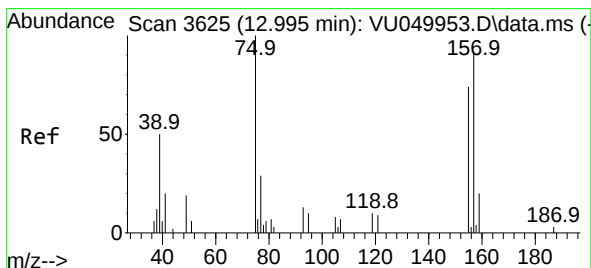
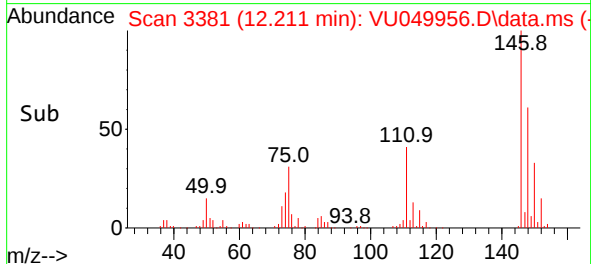
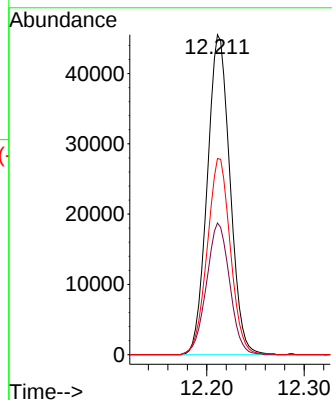
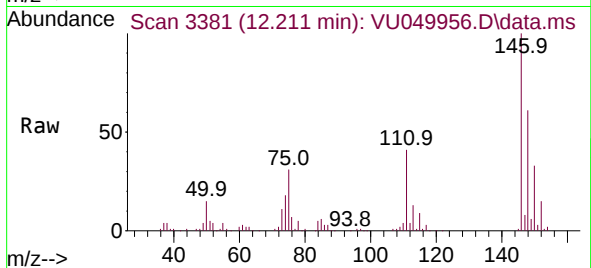
Tgt Ion:146 Resp: 73709

Ion Ratio Lower Upper

146 100

111 41.1 33.4 50.2

148 61.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.056 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

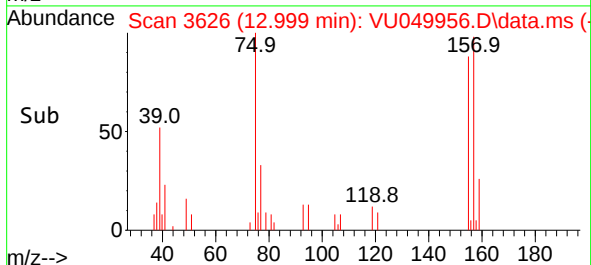
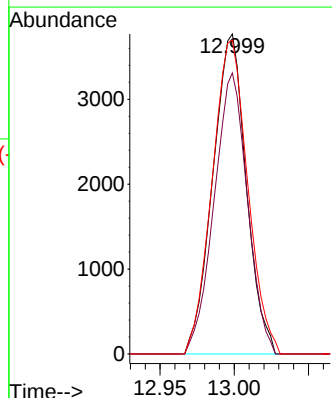
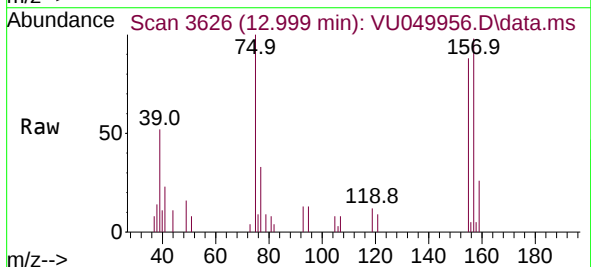
Tgt Ion: 75 Resp: 5896

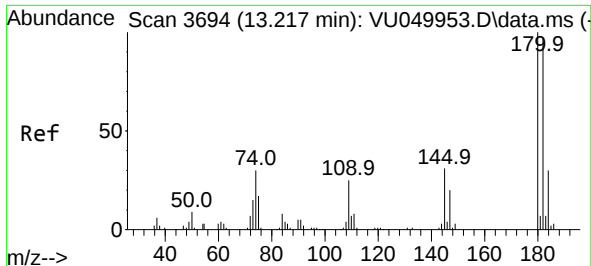
Ion Ratio Lower Upper

75 100

155 87.8 59.4 89.0

157 98.1 73.8 110.6





#69

1,3,5-Trichlorobenzene

Concen: 5.109 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.003 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

Instrument :

MSVOA_U

ClientSampleId :

VICV049

Tgt Ion:180 Resp: 52965

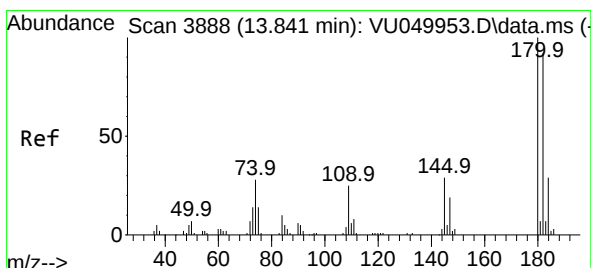
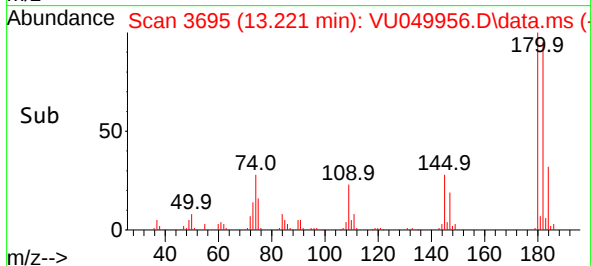
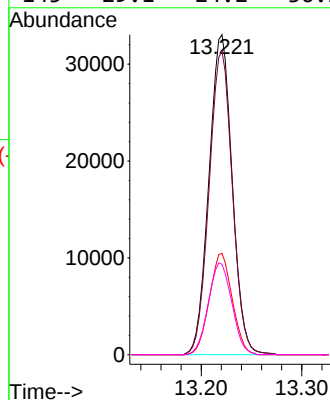
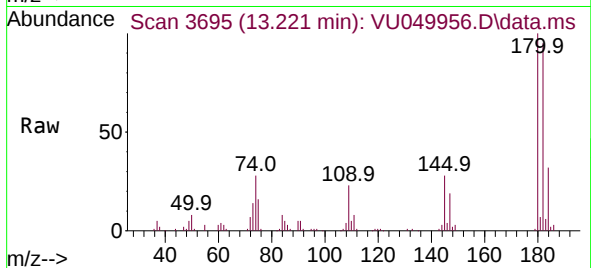
Ion Ratio Lower Upper

180 100

182 94.8 77.2 115.8

184 31.2 23.9 35.9

145 29.1 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.269 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.003 min

Lab File: VU049956.D

Acq: 27 Jul 2022 18:28

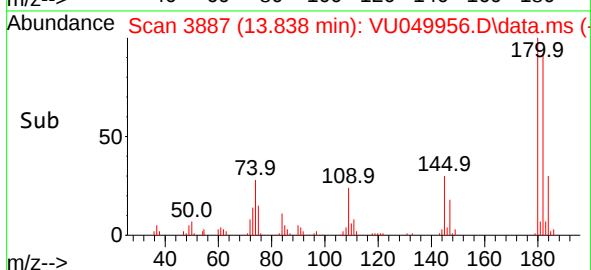
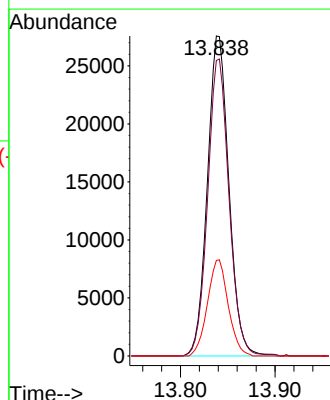
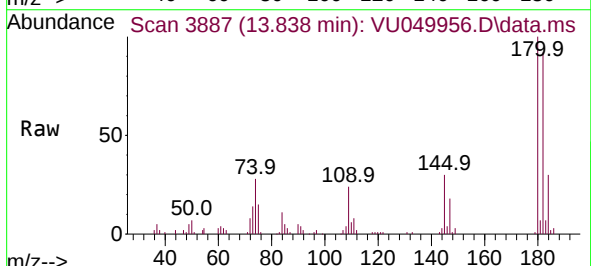
Tgt Ion:180 Resp: 43573

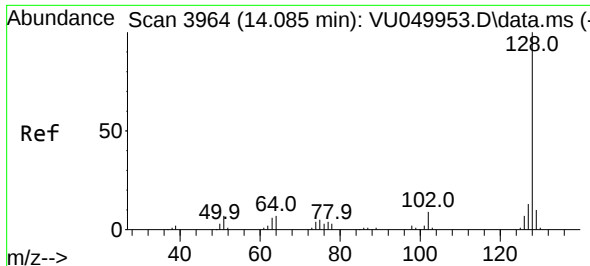
Ion Ratio Lower Upper

180 100

182 92.3 75.8 113.6

145 29.1 23.8 35.8

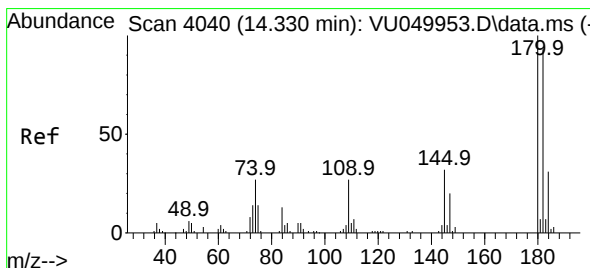
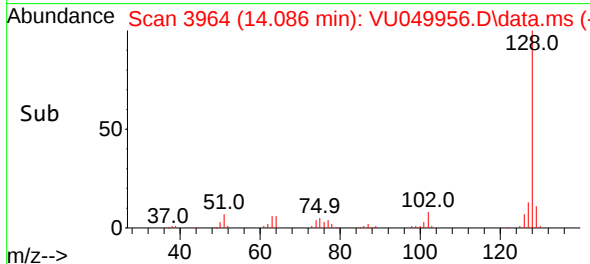
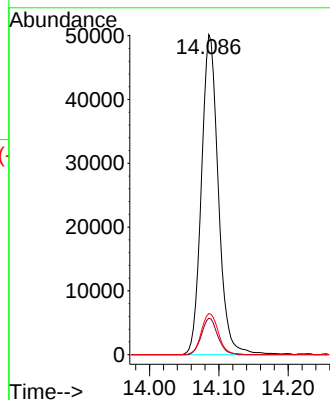
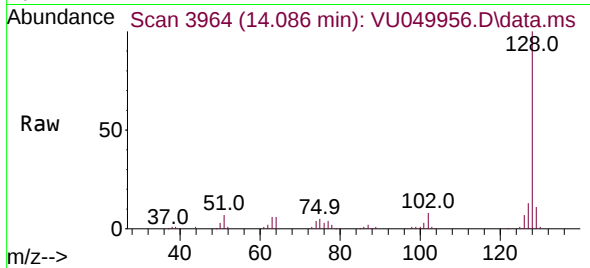




#71
Naphthalene
Concen: 5.176 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Instrument :
MSVOA_U
ClientSampleId :
VICV049

Tgt Ion:	128	Resp:	84875
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.5	12.7
127	12.9	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.205 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049956.D
Acq: 27 Jul 2022 18:28

Tgt Ion:	180	Resp:	42723
Ion Ratio	Lower	Upper	
180	100		
182	97.0	77.0	115.4
145	32.1	26.3	39.5

