

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048259.D
 Acq On : 25 Apr 2022 09:53
 Operator : SY/MD
 Sample : VSTD00556
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005056

Quant Time: Apr 26 02:19:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:18:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	323750	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	334449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	158743	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	14026	5.706	ug/L	0.00
7) Chloroethane-d5	1.916	69	11482	5.960	ug/L	0.03
11) 1,1-Dichloroethene-d2	2.572	63	21653	4.848	ug/L	0.00
21) 2-Butanone-d5	4.633	46	21377	10.033	ug/L	0.00
24) Chloroform-d	5.063	84	25358	5.594	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	14937	5.419	ug/L	0.00
32) Benzene-d6	5.732	84	45828	5.190	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	15989	5.770	ug/L	0.00
41) Toluene-d8	7.899	98	38434	4.528	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	6029	4.420	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	11183	6.845	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	25324	5.246	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	15803	5.295	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	11716	3.859	ug/L	99
3) Chloromethane	1.523	50	14801	4.996	ug/L	99
5) Vinyl chloride	1.607	62	13547	4.459	ug/L	94
6) Bromomethane	1.858	94	8419	5.384	ug/L	97
8) Chloroethane	1.935	64	7931	4.187	ug/L	99
9) Trichlorofluoromethane	2.141	101	16968	3.996	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	11434	4.562	ug/L	98
12) 1,1-Dichloroethene	2.584	96	9474	4.094	ug/L	97
13) Acetone	2.633	43	17815	9.237	ug/L	99
14) Carbon disulfide	2.797	76	24649	3.514	ug/L	98
15) Methyl Acetate	2.954	43	14701	4.599	ug/L	96
16) Methylene chloride	3.051	84	13366	4.910	ug/L	93
17) trans-1,2-Dichloroethene	3.359	96	10176	4.092	ug/L	95
18) Methyl tert-butyl Ether	3.369	73	30507	4.189	ug/L	99
19) 1,1-Dichloroethane	3.874	63	22180	5.003	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	11622	4.162	ug/L	91
22) 2-Butanone	4.713	43	20524	7.976	ug/L	97
23) Bromochloromethane	4.977	128	6958	4.564	ug/L	95
25) Chloroform	5.092	83	21472	4.533	ug/L	96
27) 1,2-Dichloroethane	5.800	62	16104	4.448	ug/L	99
29) Cyclohexane	5.391	56	12361	3.486	ug/L	92
30) 1,1,1-Trichloroethane	5.321	97	17922	4.508	ug/L	98
31) Carbon tetrachloride	5.530	117	14904	4.209	ug/L	96
33) Benzene	5.777	78	44206	4.324	ug/L	100
34) Trichloroethene	6.546	95	10971	4.161	ug/L	95
35) Methylcyclohexane	6.764	83	13246	3.317	ug/L	98
37) 1,2-Dichloropropane	6.793	63	13008	4.882	ug/L	98
38) Bromodichloromethane	7.108	83	16659	4.658	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	16057	3.962	ug/L	96
40) 4-Methyl-2-pentanone	7.796	43	31070	7.301	ug/L	94
42) Toluene	7.973	91	41625	3.735	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	14940	3.701	ug/L #	80

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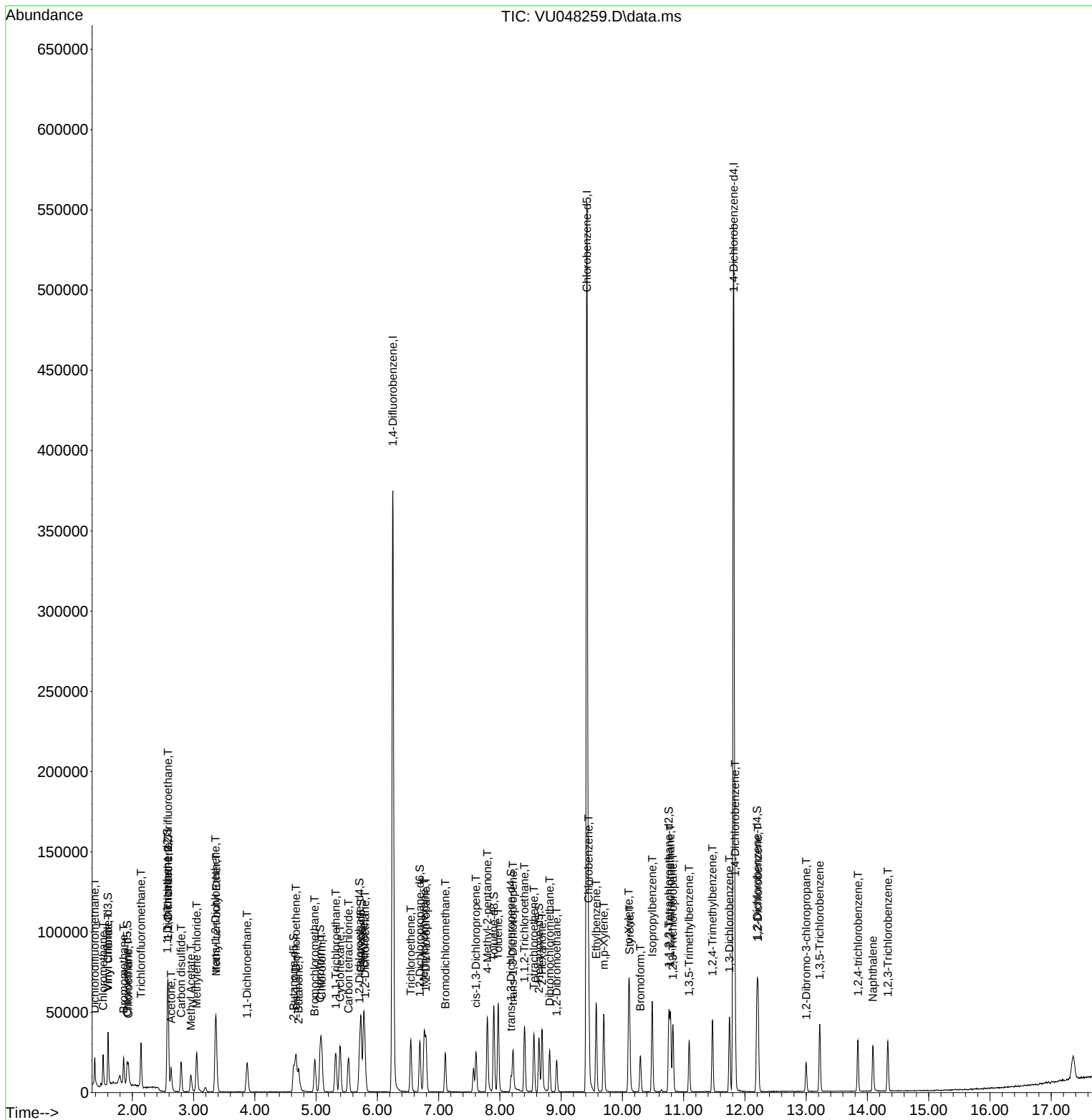
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005056

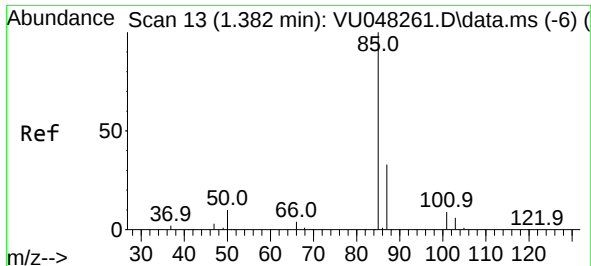
Quant Time: Apr 26 02:19:17 2022
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 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:18:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	13245	4.691	ug/L	97
46) Tetrachloroethene	8.555	164	9085	3.852	ug/L	99
48) 2-Hexanone	8.687	43	25318	6.973	ug/L	90
49) Dibromochloromethane	8.813	129	14028	4.343	ug/L	96
50) 1,2-Dibromoethane	8.925	107	13162	4.260	ug/L	99
51) Chlorobenzene	9.449	112	34354	4.490	ug/L	99
52) Ethylbenzene	9.571	91	38669	3.280	ug/L	99
53) m,p-Xylene	9.697	106	14534	3.131	ug/L	94
54) o-Xylene	10.102	106	14333	3.118	ug/L	91
55) Styrene	10.118	104	21508	2.729	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	23960	4.455	ug/L #	98
59) Bromoform	10.295	173	11206	5.131	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	18900	5.744	ug/L	99
61) Isopropylbenzene	10.488	105	35665	3.882	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	17018	3.407	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	23969	3.135	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	21170	4.151	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	23214	4.440	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	23986	4.690	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.002	75	4670	4.606	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	15022	3.691	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	10925	3.130	ug/L	97
71) Naphthalene	14.089	128	25125	2.416	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	11170	3.172	ug/L	99

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

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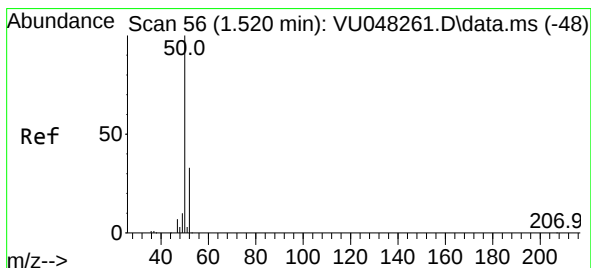
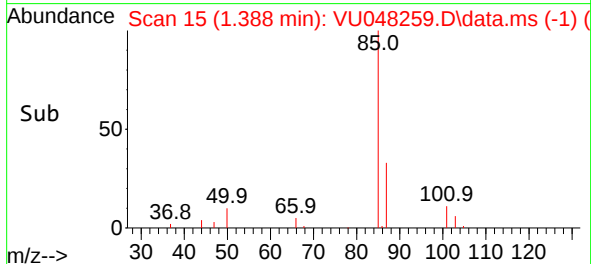
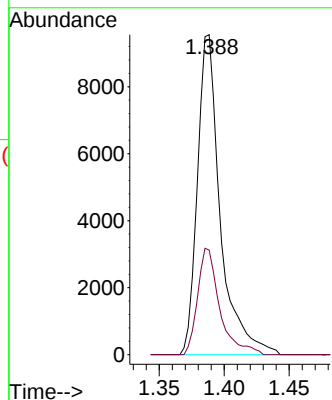
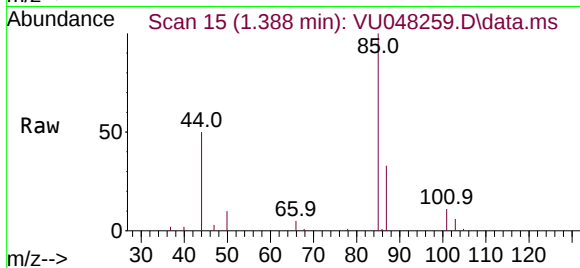




#2
Dichlorodifluoromethane
Concen: 3.859 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

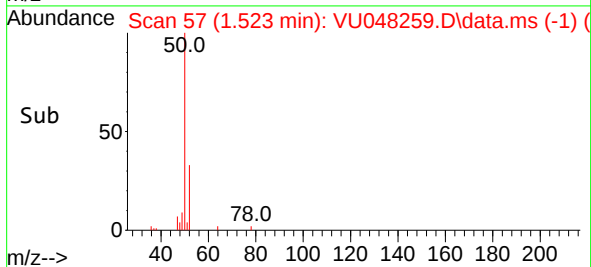
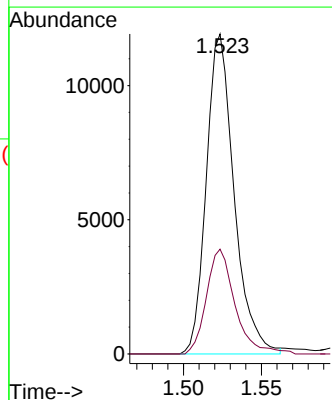
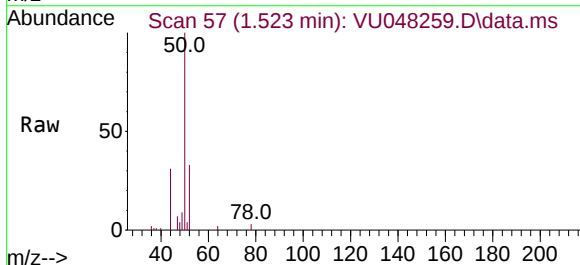
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

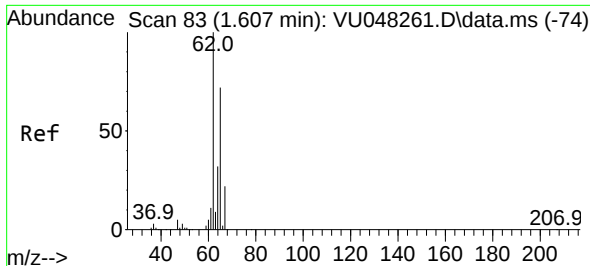
Tgt Ion: 85 Resp: 11716
Ion Ratio Lower Upper
85 100
87 32.2 26.1 39.1



#3
Chloromethane
Concen: 4.996 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion: 50 Resp: 14801
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

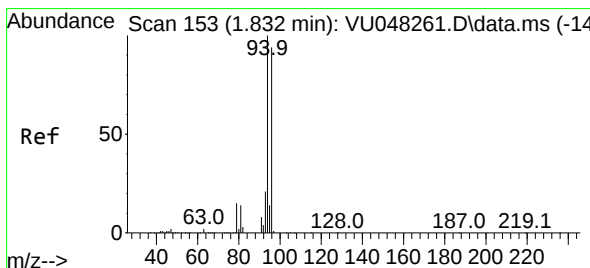
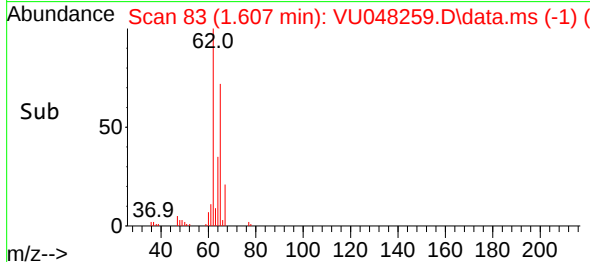
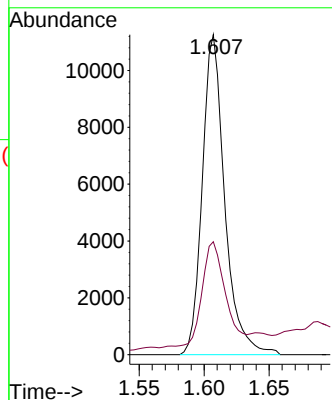
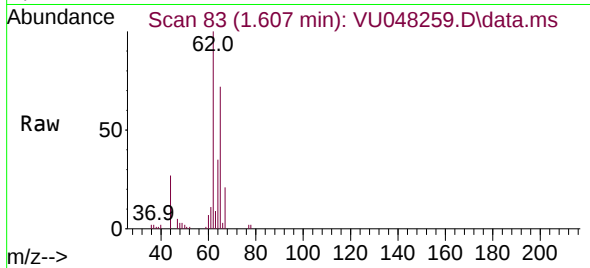




#5
 Vinyl chloride
 Concen: 4.459 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048259.D
 Acq: 25 Apr 2022 09:53

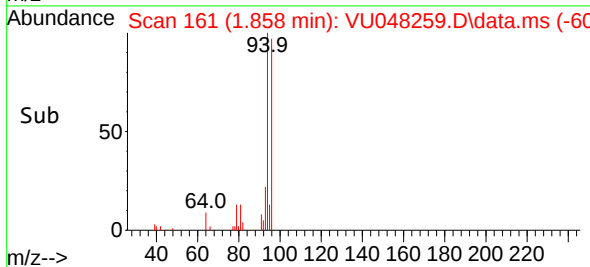
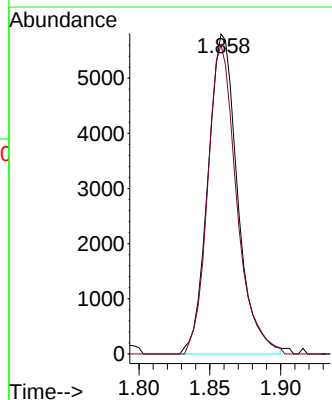
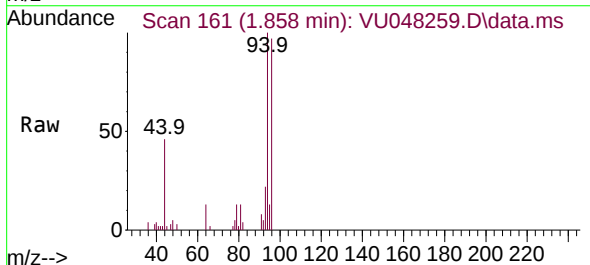
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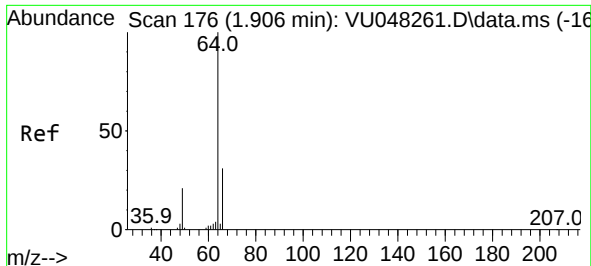
Tgt Ion: 62 Resp: 13547
 Ion Ratio Lower Upper
 62 100
 64 35.3 22.5 41.7



#6
 Bromomethane
 Concen: 5.384 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.026 min
 Lab File: VU048259.D
 Acq: 25 Apr 2022 09:53

Tgt Ion: 94 Resp: 8419
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.8 122.2

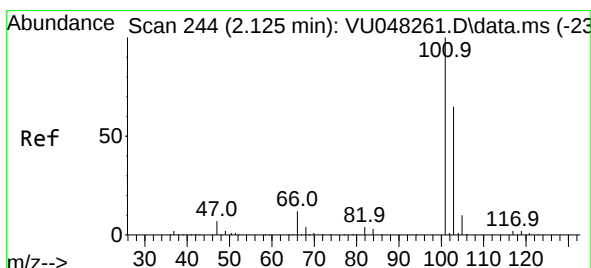
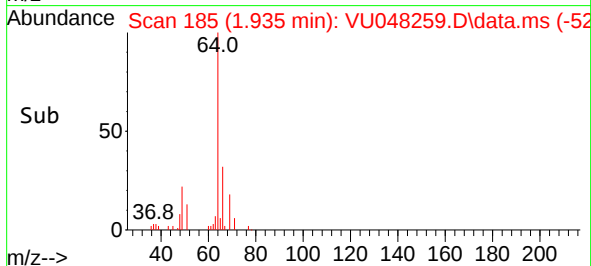
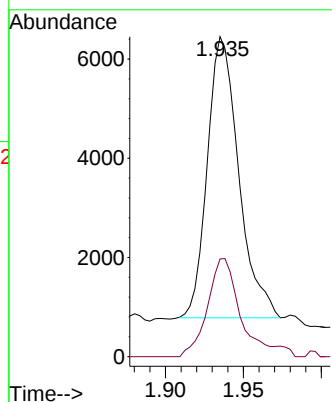
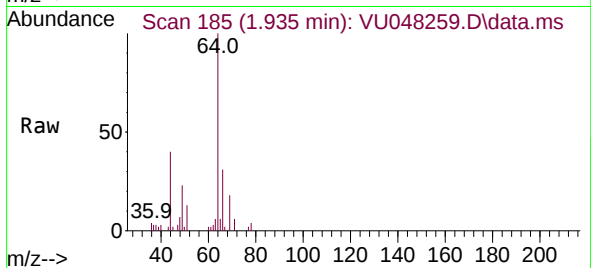




#8
Chloroethane
Concen: 4.187 ug/L
RT: 1.935 min Scan# 11
Delta R.T. 0.029 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

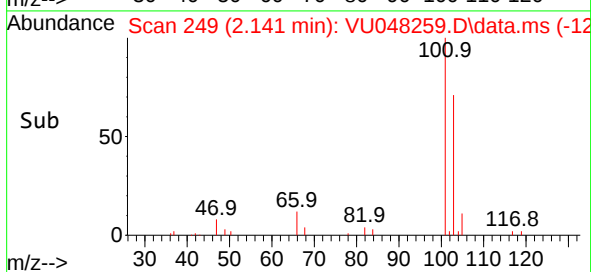
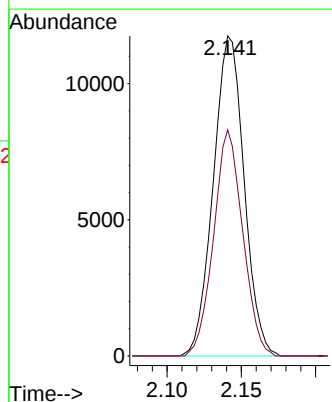
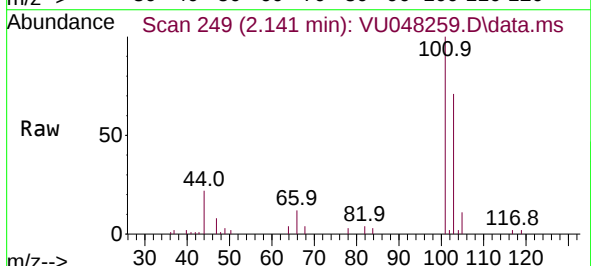
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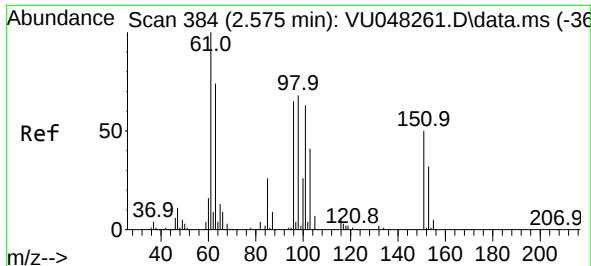
Tgt Ion: 64 Resp: 7931
Ion Ratio Lower Upper
64 100
66 30.5 21.9 40.7



#9
Trichlorofluoromethane
Concen: 3.996 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.016 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion: 101 Resp: 16968
Ion Ratio Lower Upper
101 100
103 66.7 51.9 77.9

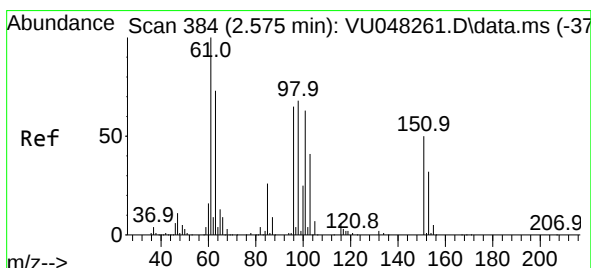
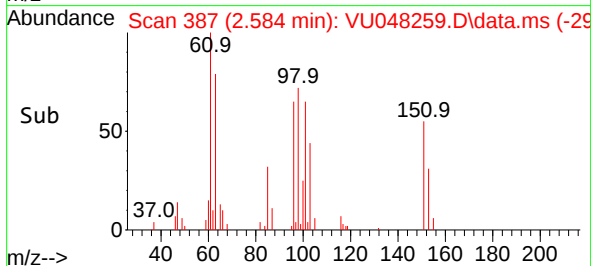
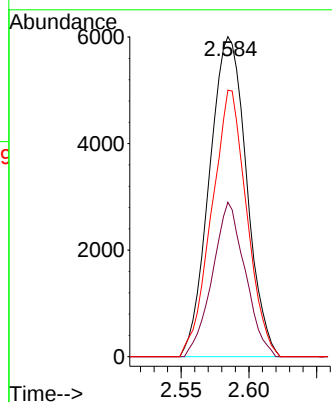
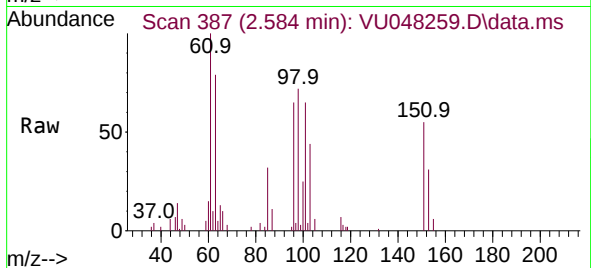




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.562 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.010 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

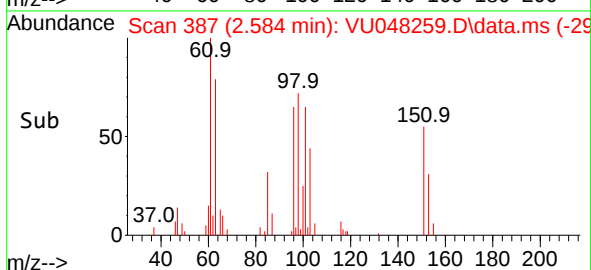
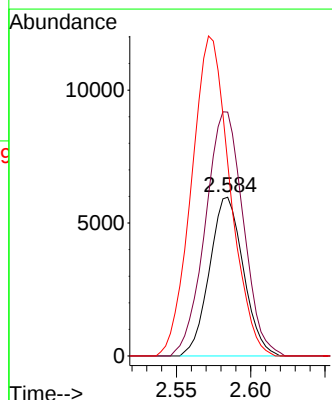
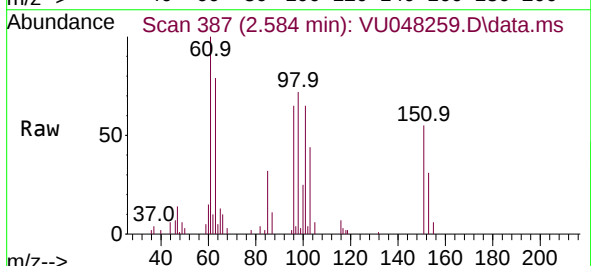
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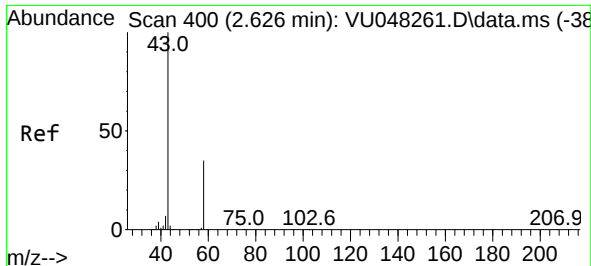
Tgt Ion:101 Resp: 11434
Ion Ratio Lower Upper
101 100
85 42.6 32.6 48.8
151 78.7 64.1 96.1



#12
1,1-Dichloroethene
Concen: 4.094 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.010 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion: 96 Resp: 9474
Ion Ratio Lower Upper
96 100
61 153.7 107.9 200.3
63 121.6 80.3 149.1





#13

Acetone

Concen: 9.237 ug/L

RT: 2.633 min Scan# 400

Delta R.T. 0.007 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

Instrument :

MSVOA_U

ClientSampleId :

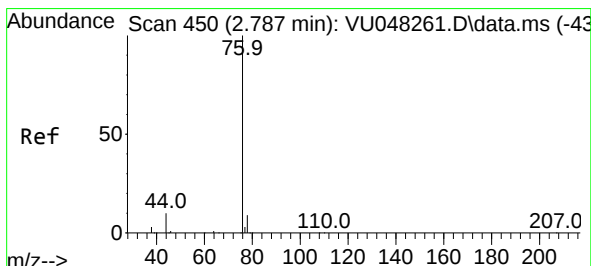
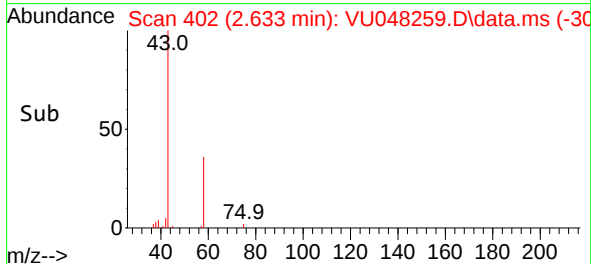
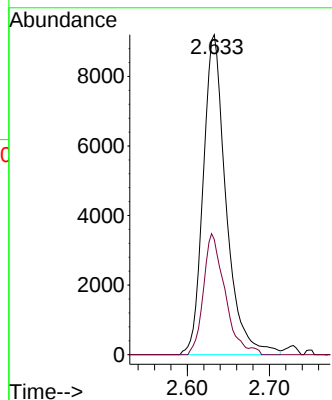
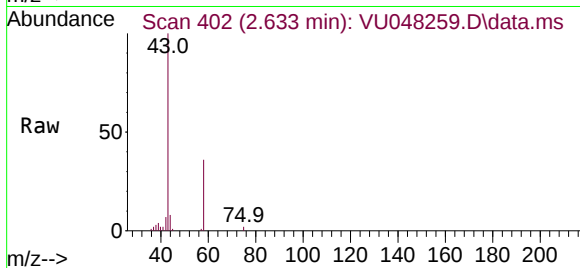
VSTD005056

Tgt Ion: 43 Resp: 17815

Ion Ratio Lower Upper

43 100

58 34.9 0.0 71.2



#14

Carbon disulfide

Concen: 3.514 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.010 min

Lab File: VU048259.D

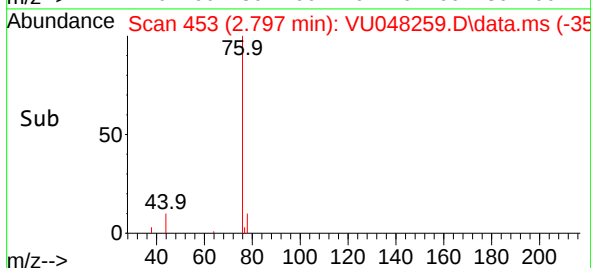
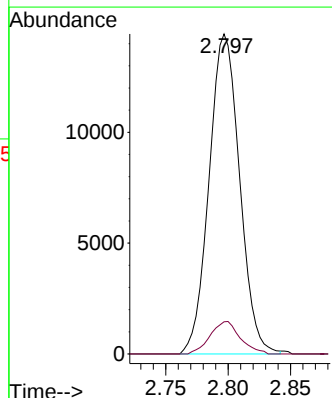
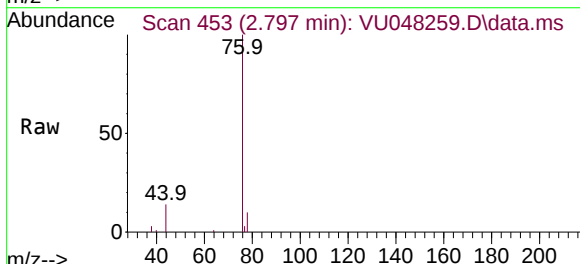
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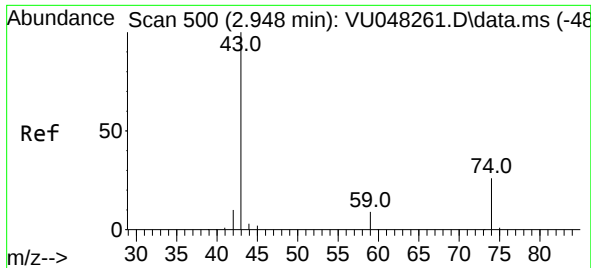
Tgt Ion: 76 Resp: 24649

Ion Ratio Lower Upper

76 100

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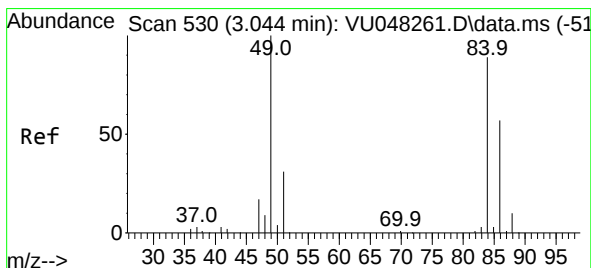
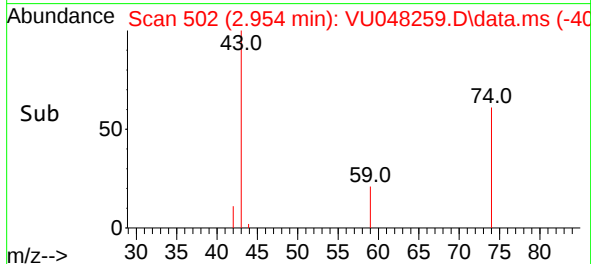
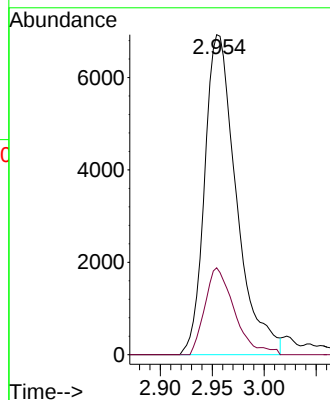
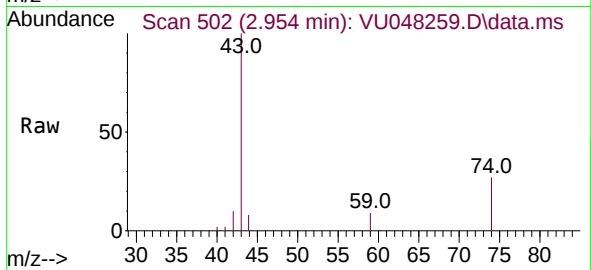




#15
Methyl Acetate
Concen: 4.599 ug/L
RT: 2.954 min Scan# 501
Delta R.T. 0.007 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

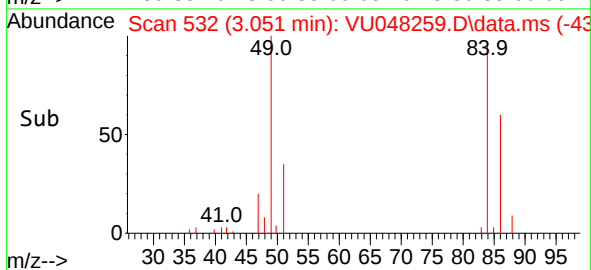
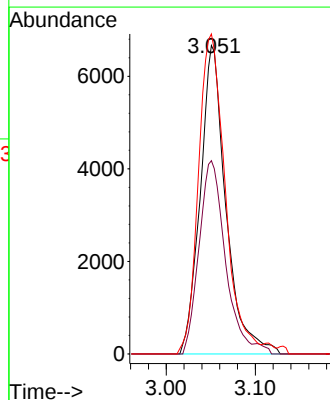
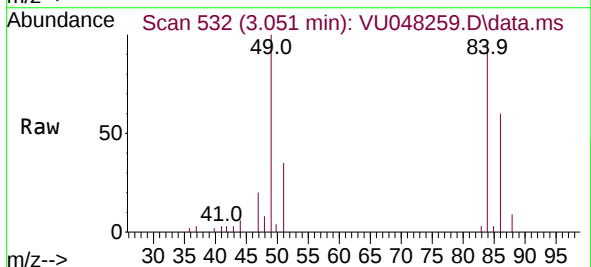
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

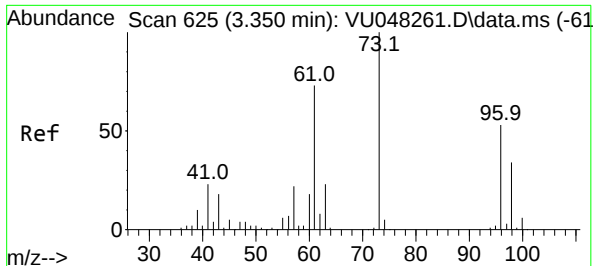
Tgt Ion: 43 Resp: 14701
Ion Ratio Lower Upper
43 100
74 24.3 21.0 31.6



#16
Methylene chloride
Concen: 4.910 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.007 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion: 84 Resp: 13366
Ion Ratio Lower Upper
84 100
86 62.7 45.4 84.2
49 103.7 79.2 147.0





#17

trans-1,2-Dichloroethene

Concen: 4.092 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.010 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD005056

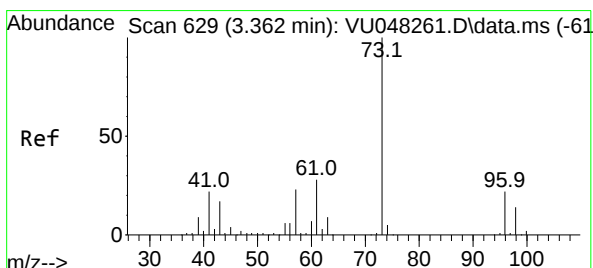
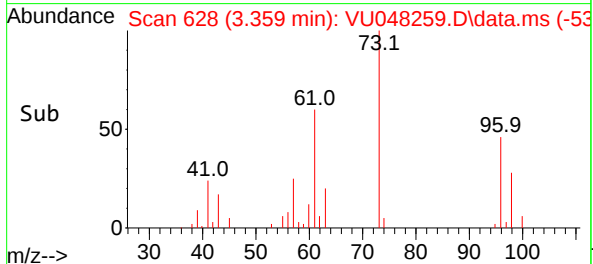
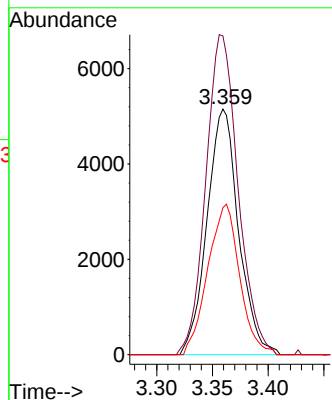
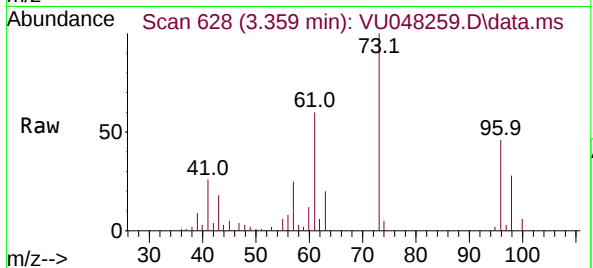
Tgt Ion: 96 Resp: 10176

Ion Ratio Lower Upper

96 100

61 129.7 95.2 176.8

98 59.8 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 4.189 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.007 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

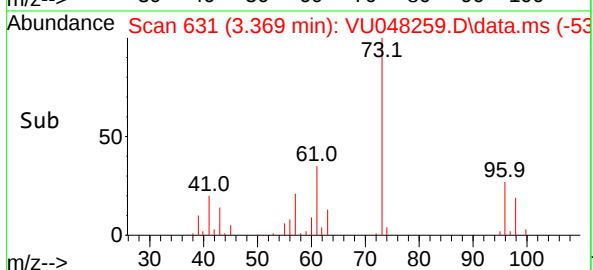
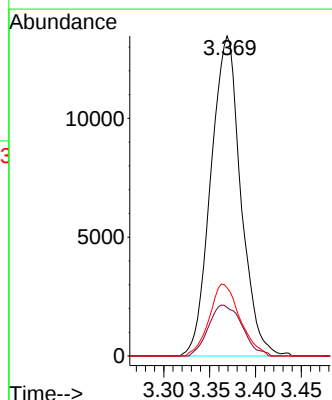
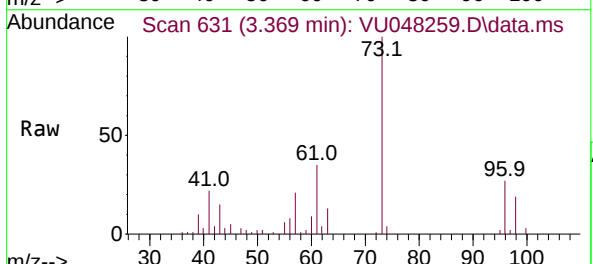
Tgt Ion: 73 Resp: 30507

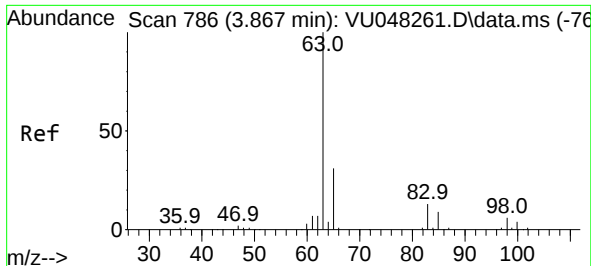
Ion Ratio Lower Upper

73 100

43 17.9 13.8 20.6

57 23.0 17.9 26.9





#19

1,1-Dichloroethane

Concen: 5.003 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.007 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD005056

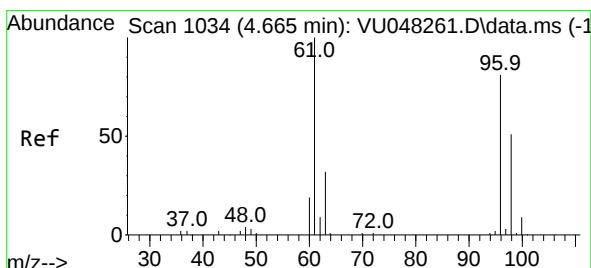
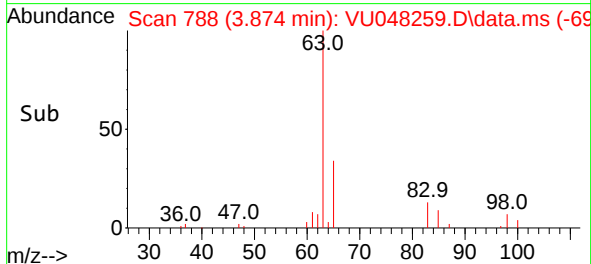
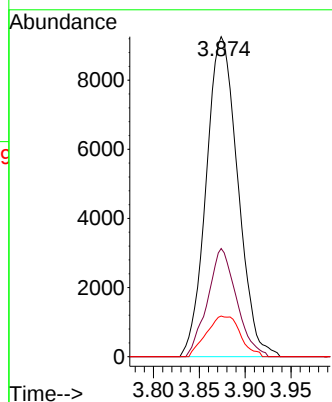
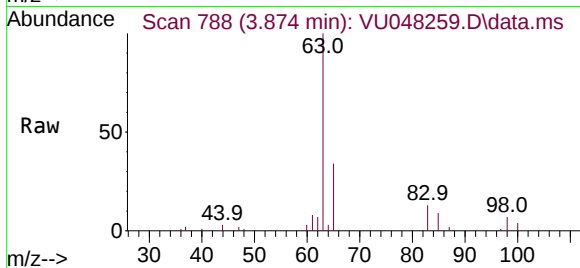
Tgt Ion: 63 Resp: 22180

Ion Ratio Lower Upper

63 100

65 33.8 22.0 40.8

83 12.7 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 4.162 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

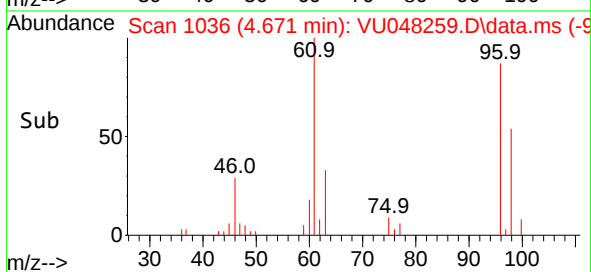
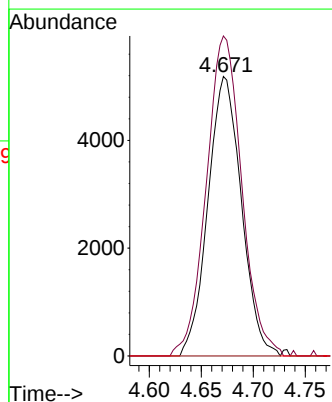
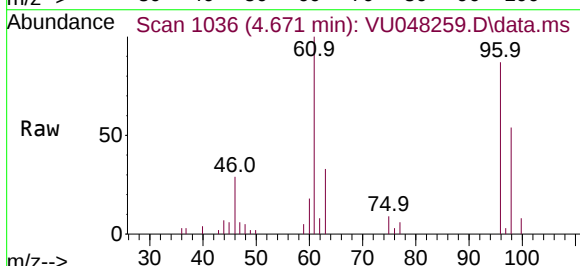
Tgt Ion: 96 Resp: 11622

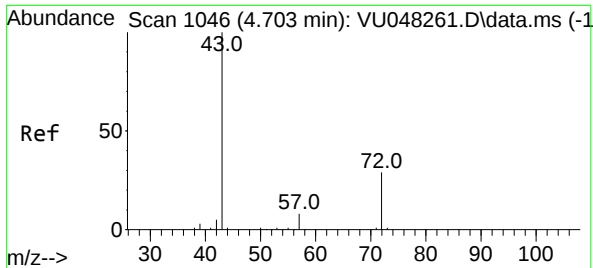
Ion Ratio Lower Upper

96 100

61 114.5 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 7.976 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.010 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

Instrument :

MSVOA_U

ClientSampleId :

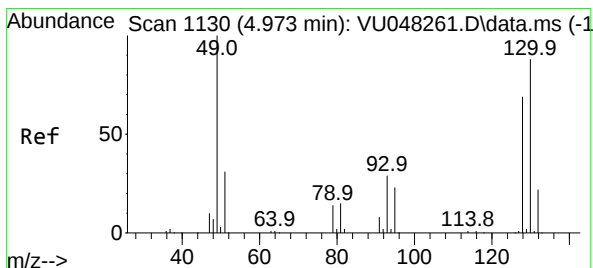
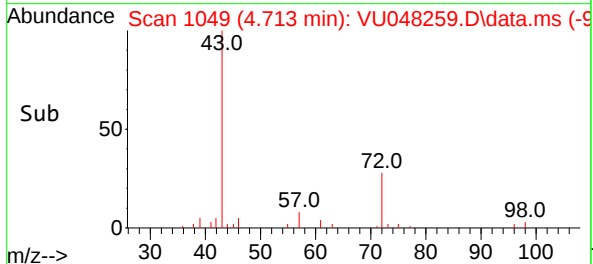
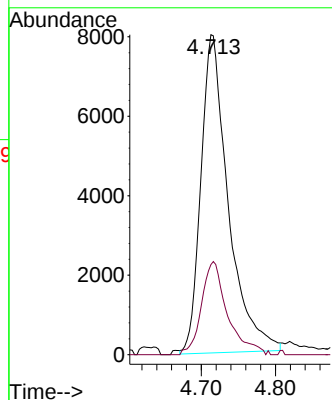
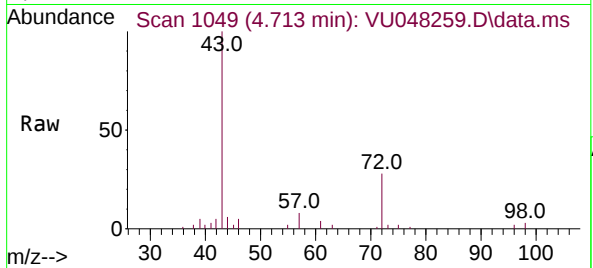
VSTD005056

Tgt Ion: 43 Resp: 20524

Ion Ratio Lower Upper

43 100

72 27.7 14.6 43.8



#23

Bromochloromethane

Concen: 4.564 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

Tgt Ion: 128 Resp: 6958

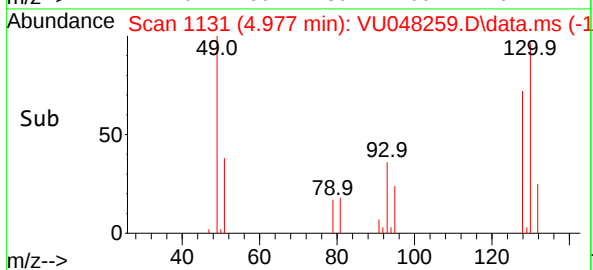
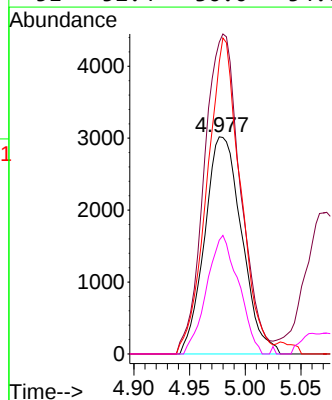
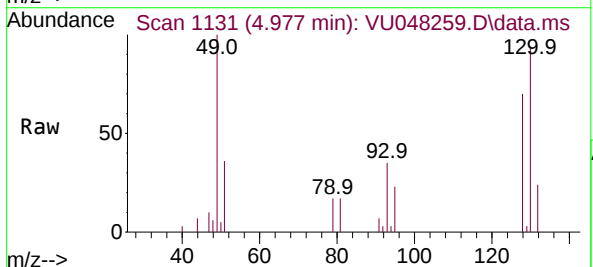
Ion Ratio Lower Upper

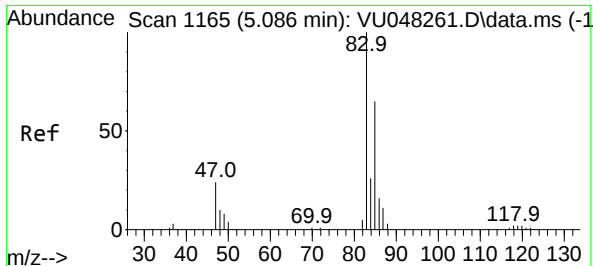
128 100

49 143.6 101.3 188.1

130 134.4 89.0 165.2

51 52.4 36.0 54.0





#25

Chloroform

Concen: 4.533 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.007 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

Instrument :

MSVOA_U

ClientSampleId :

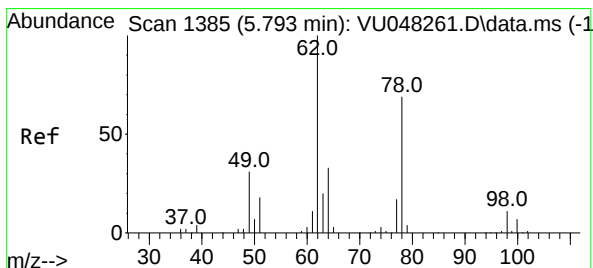
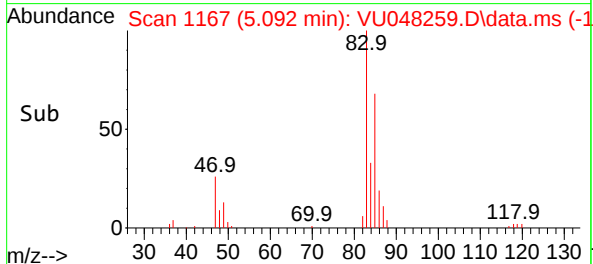
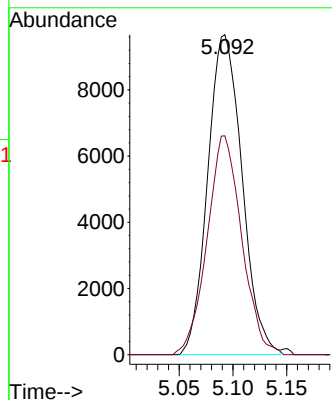
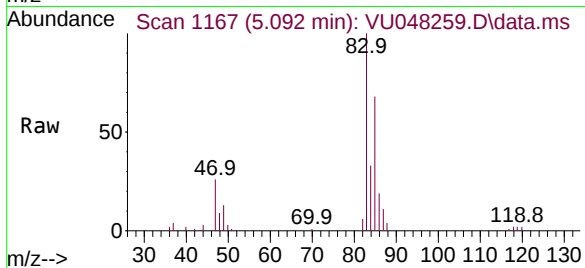
VSTD005056

Tgt Ion: 83 Resp: 21472

Ion Ratio Lower Upper

83 100

85 68.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 4.448 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.007 min

Lab File: VU048259.D

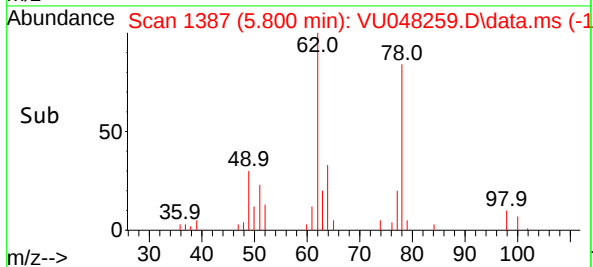
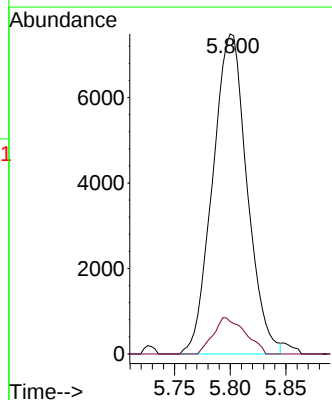
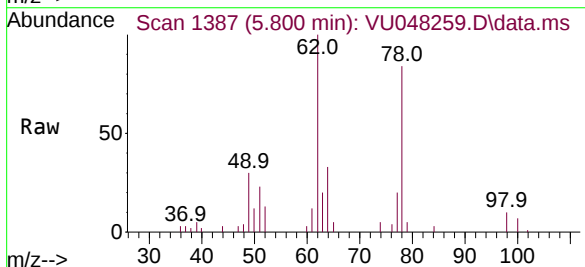
Acq: 25 Apr 2022 09:53

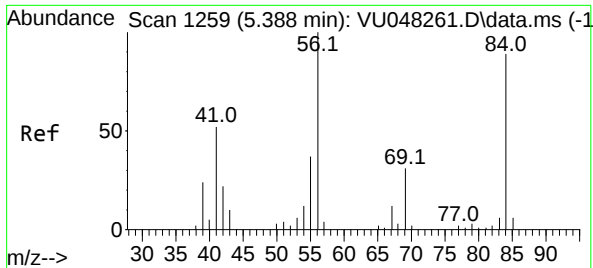
Tgt Ion: 62 Resp: 16104

Ion Ratio Lower Upper

62 100

98 10.1 8.5 12.7

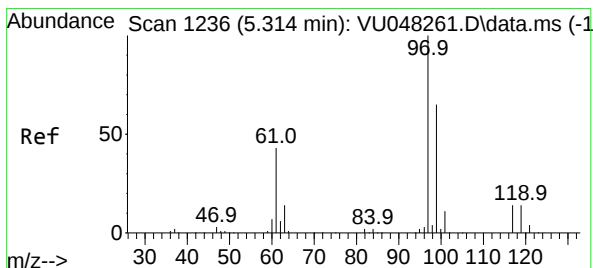
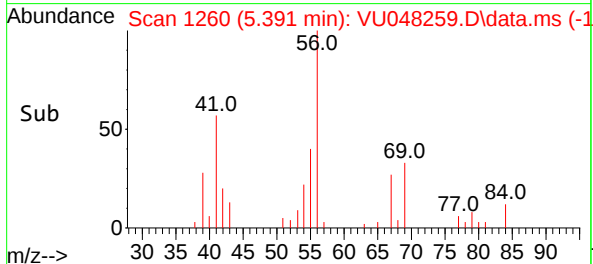
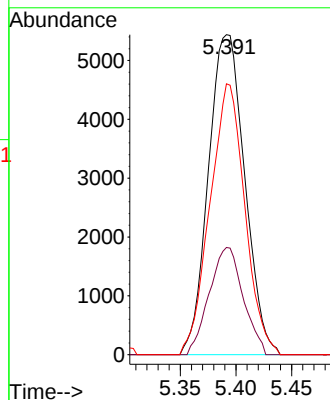
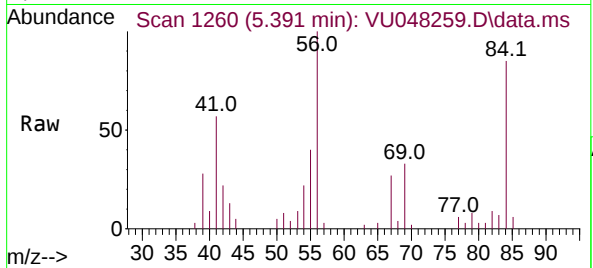




#29
Cyclohexane
Concen: 3.486 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

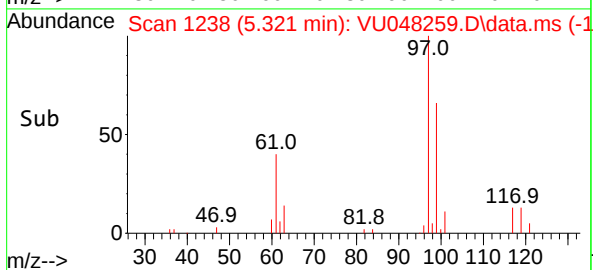
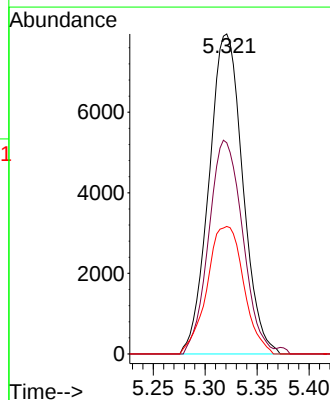
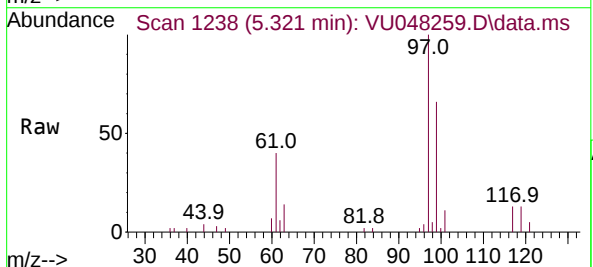
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

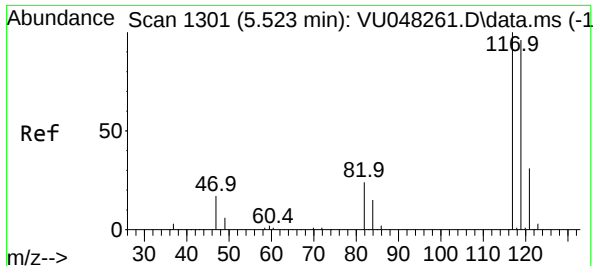
Tgt Ion:	56	Resp:	12361
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.2	36.4
84	81.2	72.2	108.2



#30
1,1,1-Trichloroethane
Concen: 4.508 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.007 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion:	97	Resp:	17922
Ion	Ratio	Lower	Upper
97	100		
99	67.2	51.8	77.8
61	43.2	33.9	50.9

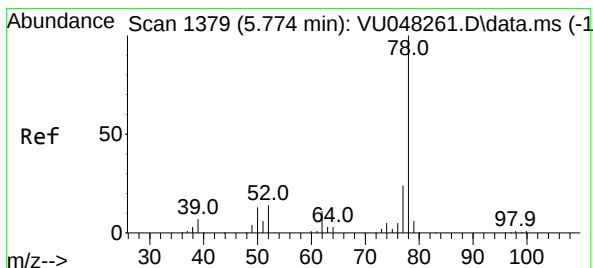
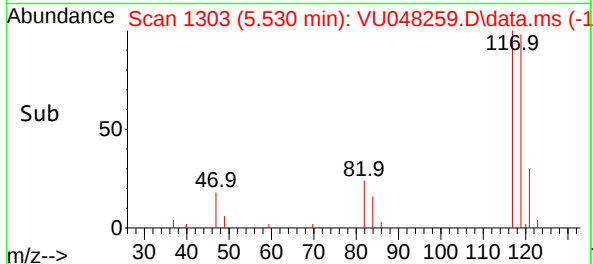
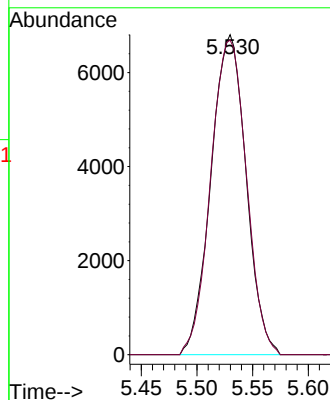
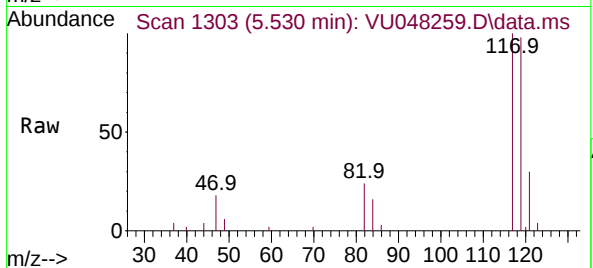




#31
Carbon tetrachloride
Concen: 4.209 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.007 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

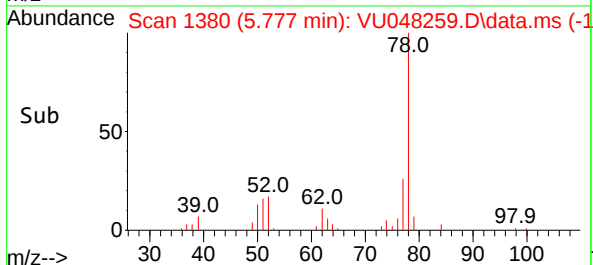
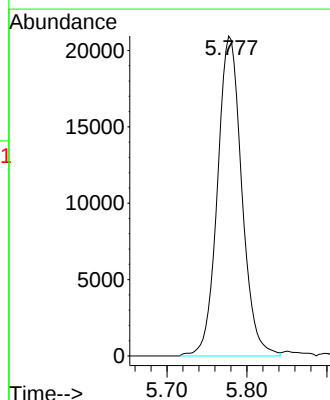
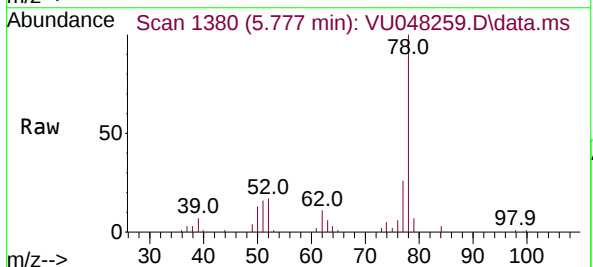
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

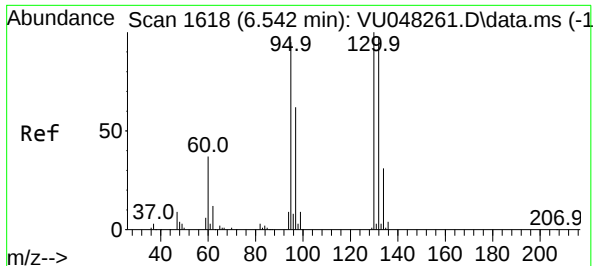
Tgt Ion:117 Resp: 14904
Ion Ratio Lower Upper
117 100
119 100.0 77.1 115.7



#33
Benzene
Concen: 4.324 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion: 78 Resp: 44206

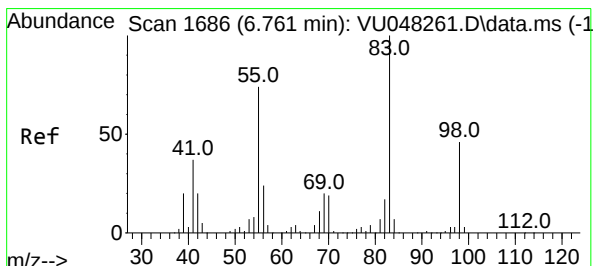
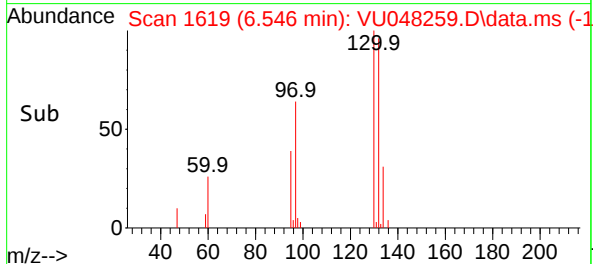
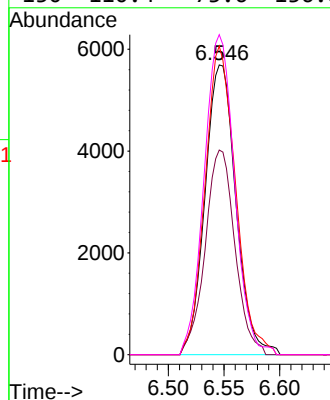
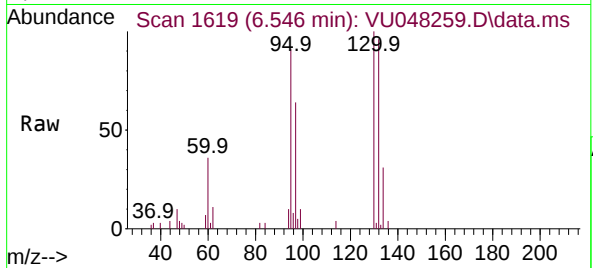




#34
Trichloroethene
Concen: 4.161 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

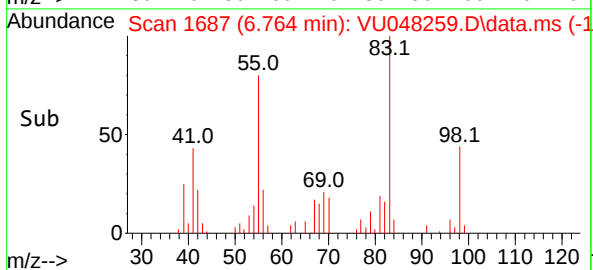
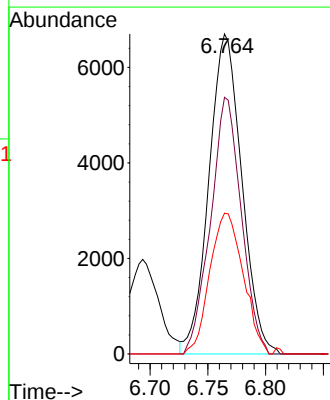
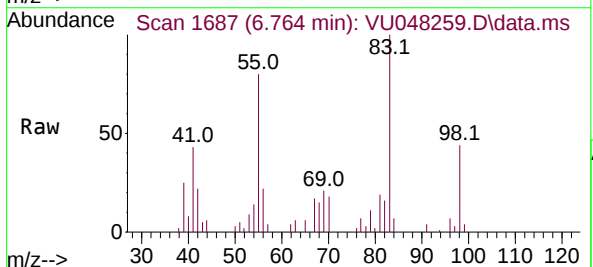
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

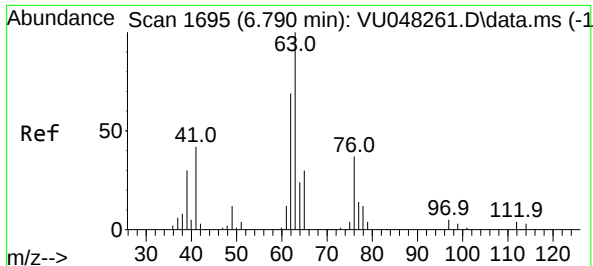
Tgt Ion: 95 Resp: 10971
Ion Ratio Lower Upper
95 100
97 70.6 45.8 85.2
132 106.5 71.6 133.0
130 110.4 73.6 136.8



#35
Methylcyclohexane
Concen: 3.317 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion: 83 Resp: 13246
Ion Ratio Lower Upper
83 100
55 75.0 59.4 89.2
98 44.7 37.3 55.9

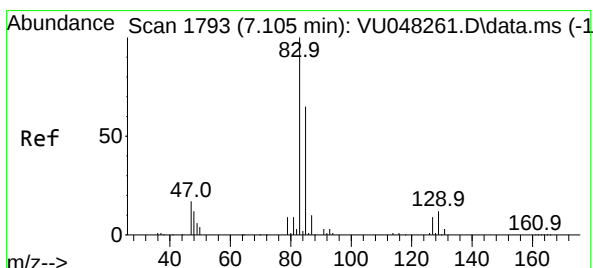
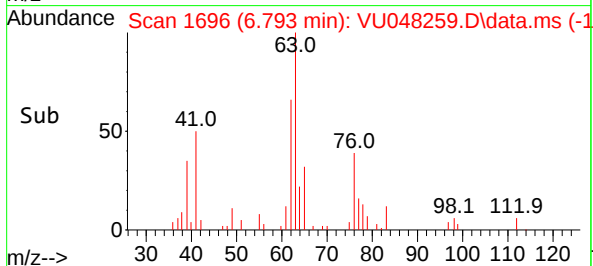
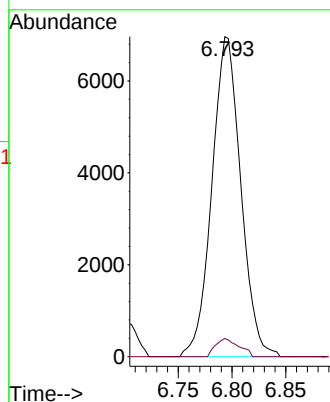
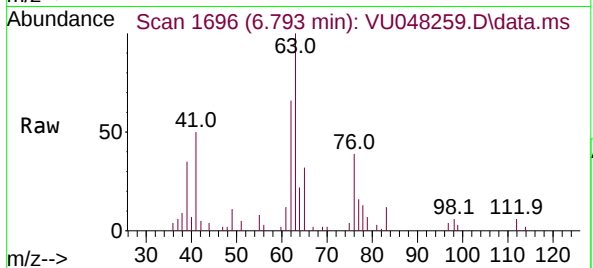




#37
1,2-Dichloropropane
Concen: 4.882 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

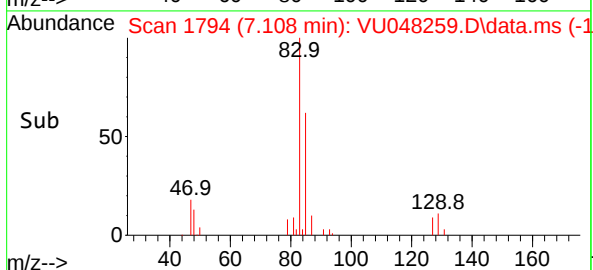
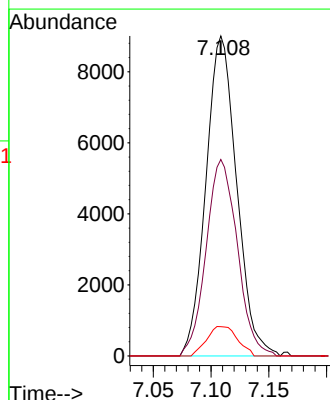
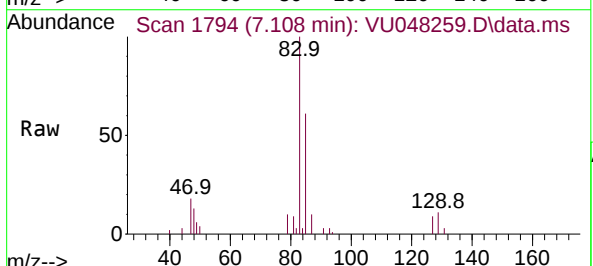
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

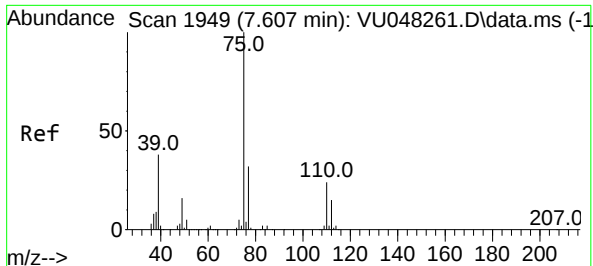
Tgt Ion: 63 Resp: 13008
Ion Ratio Lower Upper
63 100
112 4.6 3.1 4.7



#38
Bromodichloromethane
Concen: 4.658 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion: 83 Resp: 16659
Ion Ratio Lower Upper
83 100
85 61.4 45.3 84.1
127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 3.962 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

Instrument :

MSVOA_U

ClientSampleId :

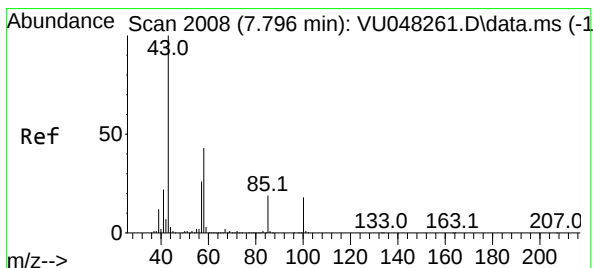
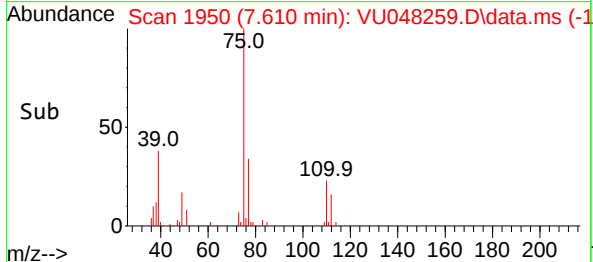
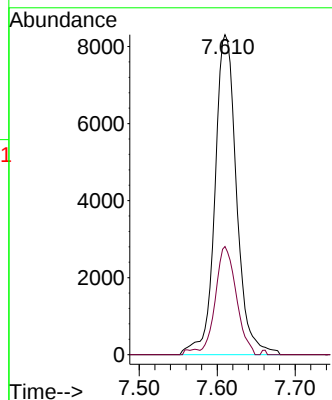
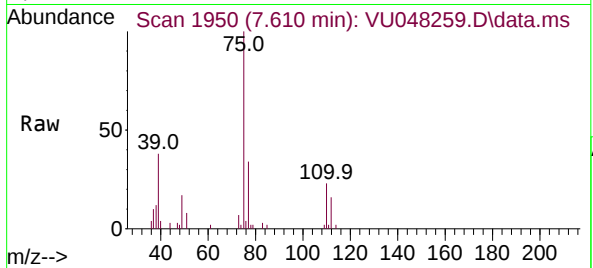
VSTD005056

Tgt Ion: 75 Resp: 16057

Ion Ratio Lower Upper

75 100

77 33.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 7.301 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

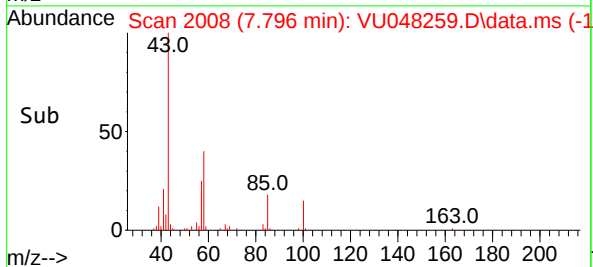
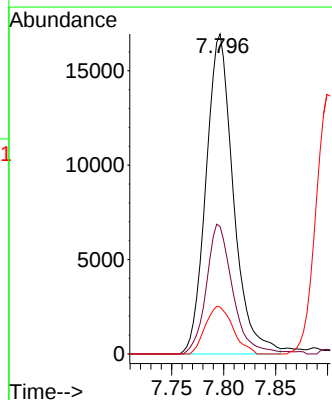
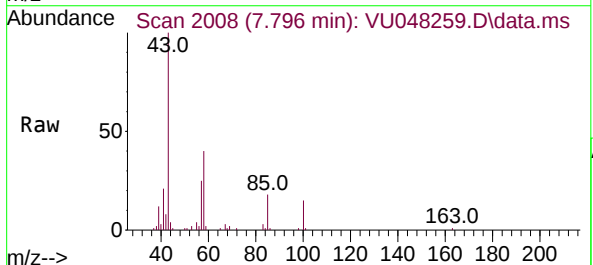
Tgt Ion: 43 Resp: 31070

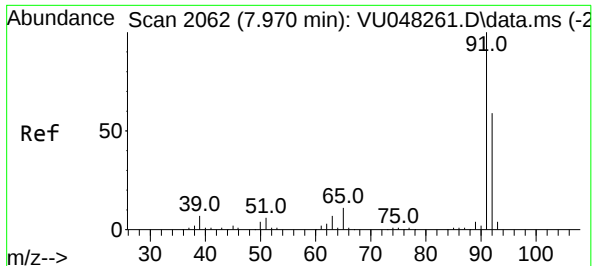
Ion Ratio Lower Upper

43 100

58 38.9 34.4 51.6

100 14.9 13.6 20.4





#42

Toluene

Concen: 3.735 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

Instrument :

MSVOA_U

ClientSampleId :

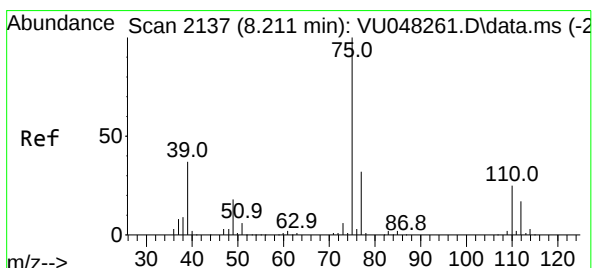
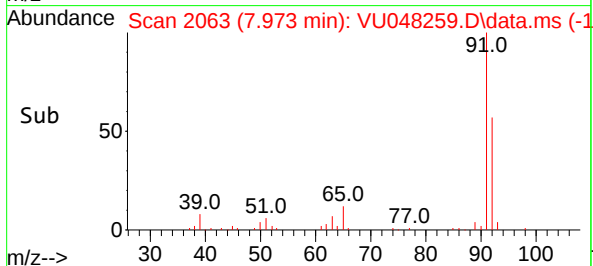
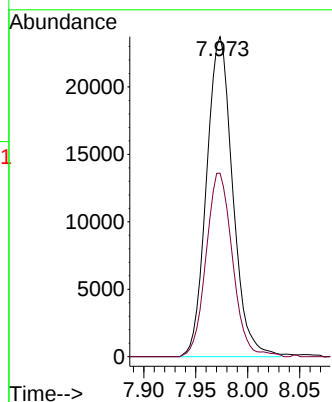
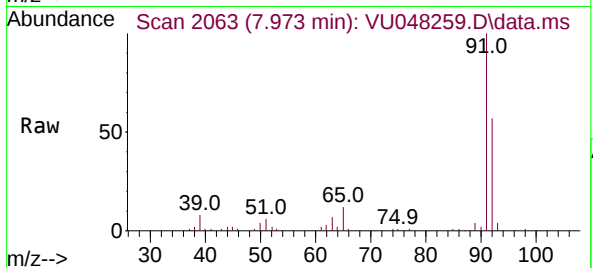
VSTD005056

Tgt Ion: 91 Resp: 41625

Ion Ratio Lower Upper

91 100

92 57.3 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 3.701 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU048259.D

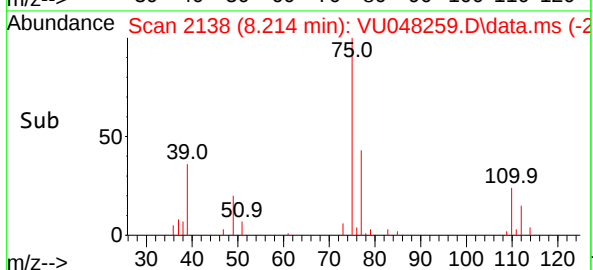
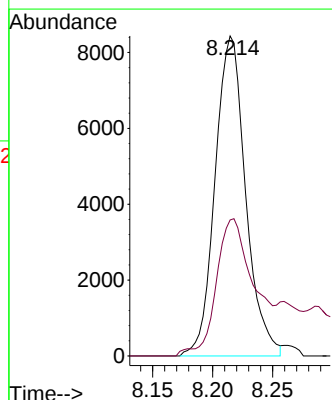
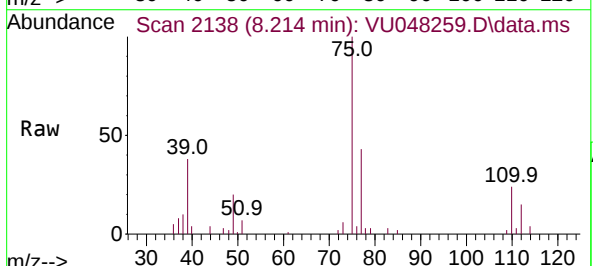
Acq: 25 Apr 2022 09:53

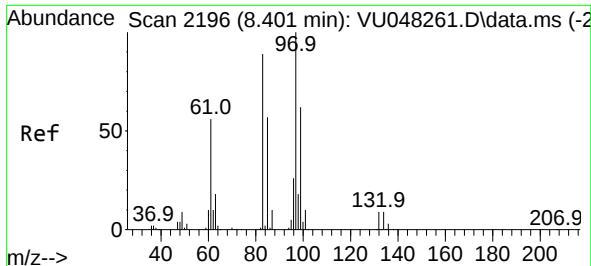
Tgt Ion: 75 Resp: 14940

Ion Ratio Lower Upper

75 100

77 42.5 22.1 41.1#

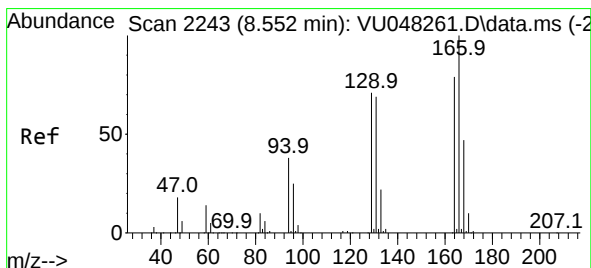
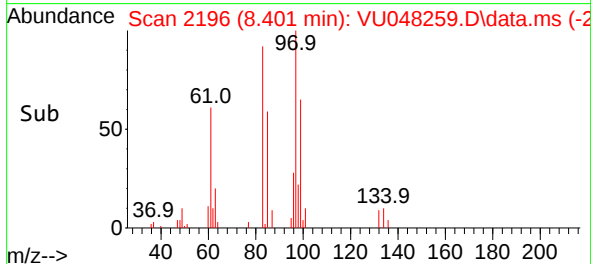
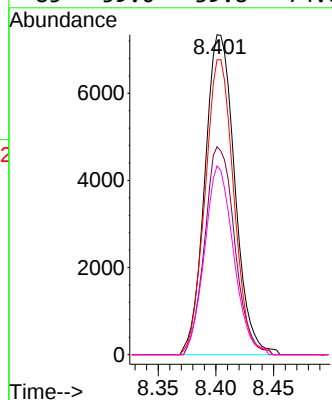
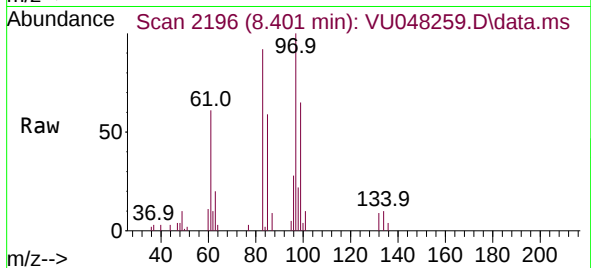




#45
1,1,2-Trichloroethane
Concen: 4.691 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

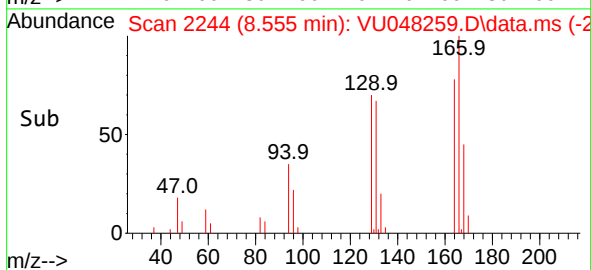
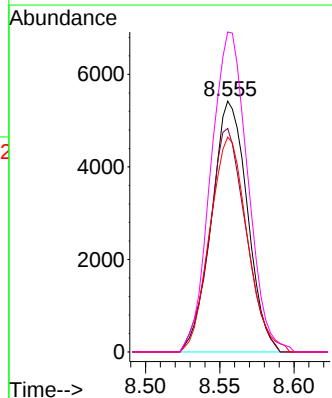
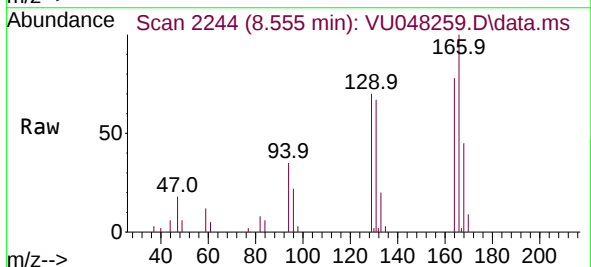
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

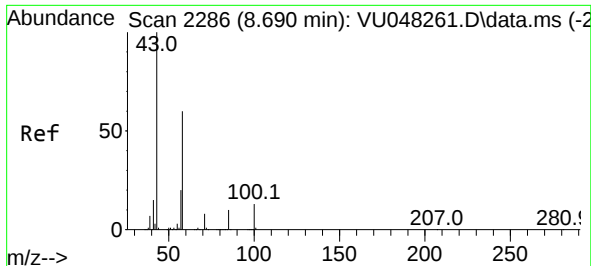
Tgt Ion:	97	Resp:	13245
Ion	Ratio	Lower	Upper
97	100		
99	64.9	43.7	81.1
83	92.1	62.6	116.2
85	59.0	39.8	74.0



#46
Tetrachloroethene
Concen: 3.852 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion:	164	Resp:	9085
Ion	Ratio	Lower	Upper
164	100		
129	89.1	63.3	117.7
131	85.6	61.2	113.6
166	127.5	88.9	165.1

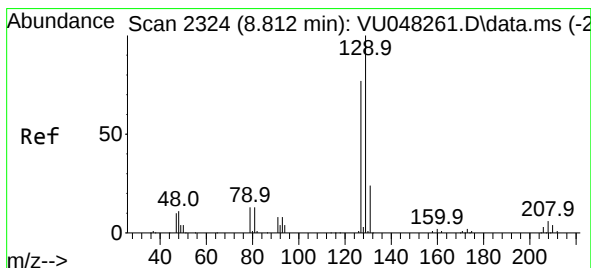
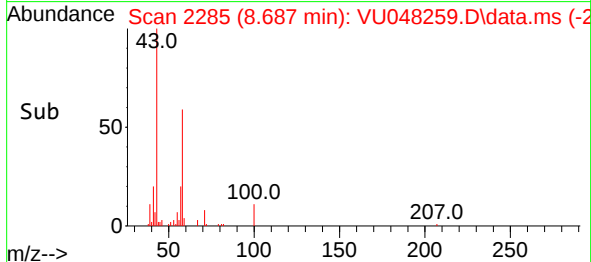
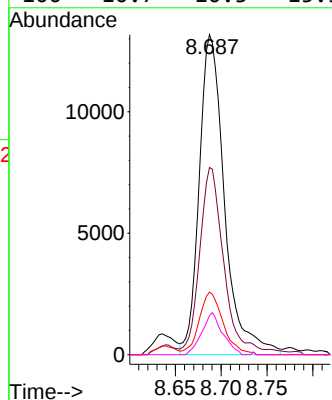
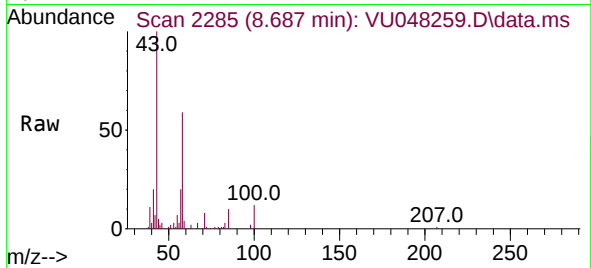




#48
2-Hexanone
Concen: 6.973 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

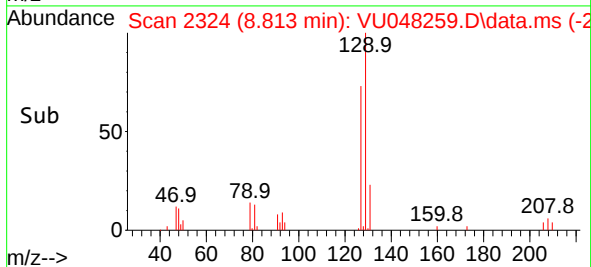
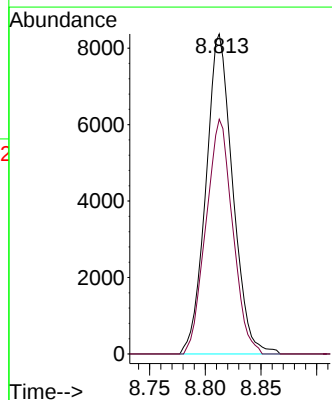
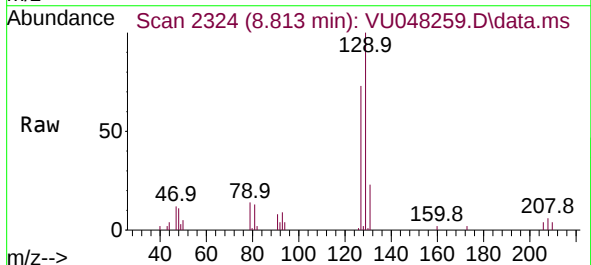
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

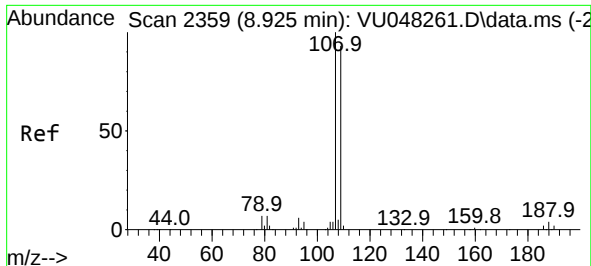
Tgt Ion: 43	Resp: 25318
Ion Ratio	Lower Upper
43 100	
58 50.4	48.1 72.1
57 18.6	16.2 24.4
100 10.7	10.3 15.5



#49
Dibromochloromethane
Concen: 4.343 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion:129	Resp: 14028		
Ion Ratio	Lower	Upper	
129 100			
127 73.4	53.8	99.8	

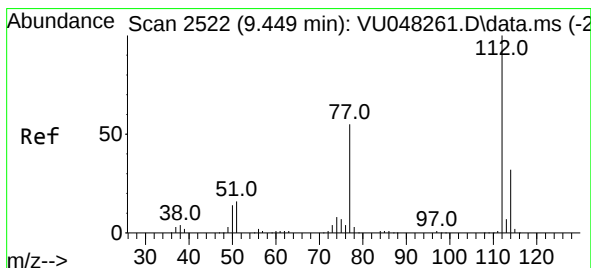
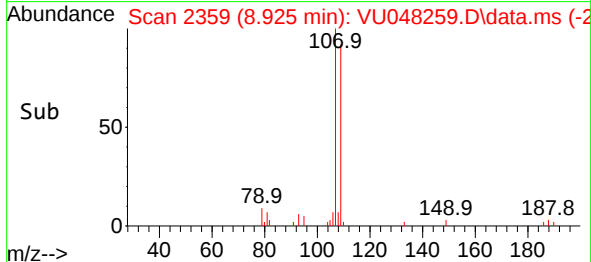
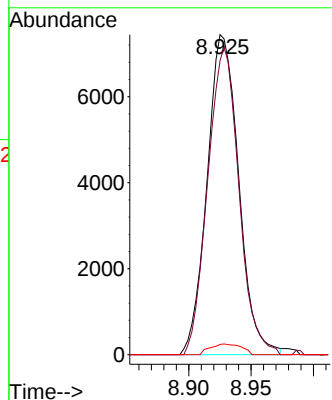
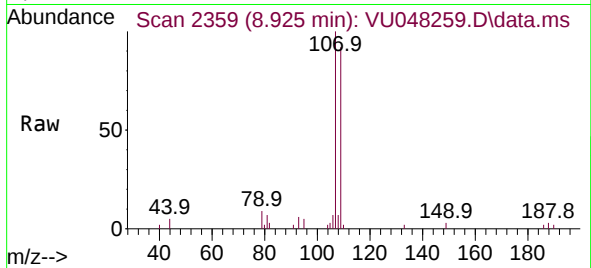




#50
1,2-Dibromoethane
Concen: 4.260 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

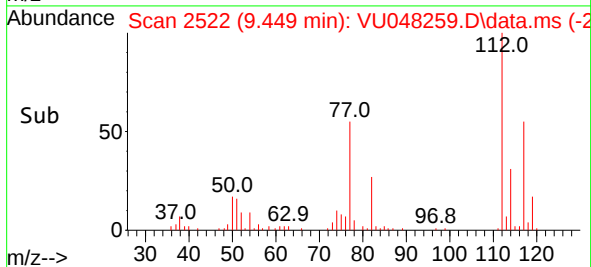
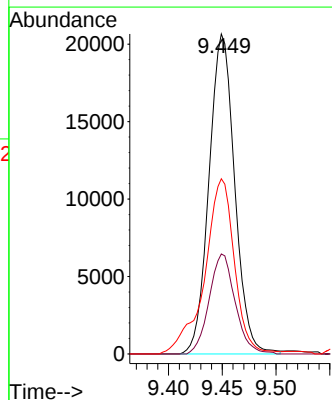
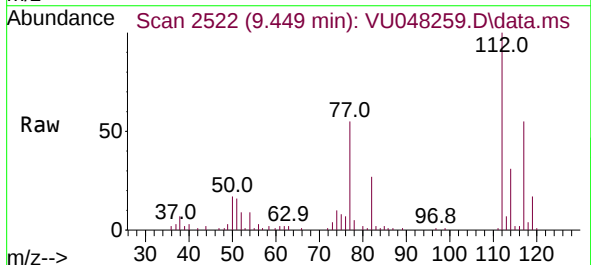
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

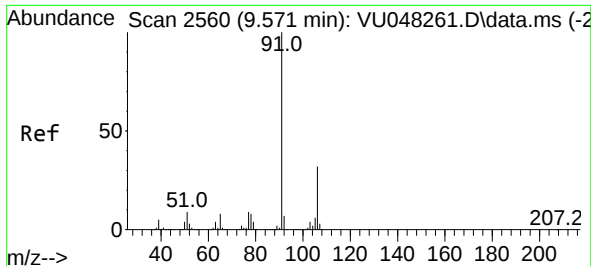
Tgt Ion:107 Resp: 13162
Ion Ratio Lower Upper
107 100
109 91.9 65.0 120.8
188 3.2 3.1 4.7



#51
Chlorobenzene
Concen: 4.490 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion:112 Resp: 34354
Ion Ratio Lower Upper
112 100
114 31.2 22.7 42.1
77 54.7 44.3 66.5

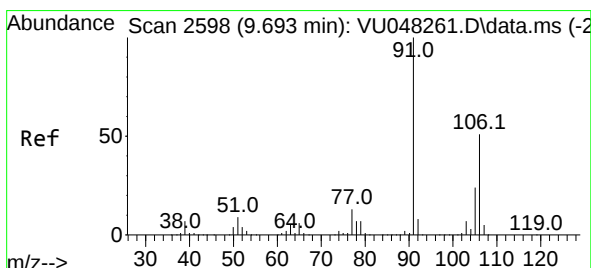
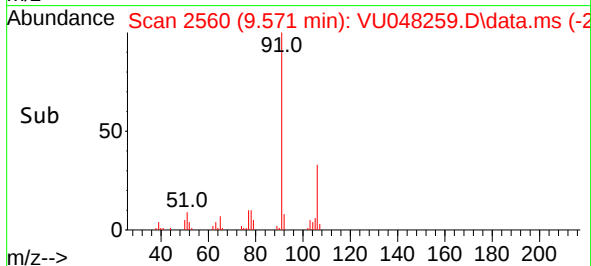
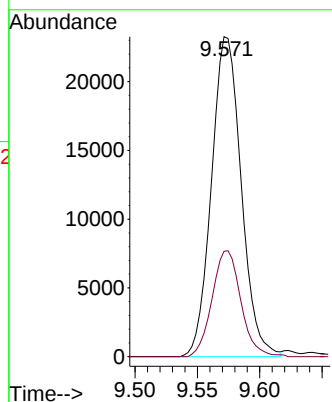
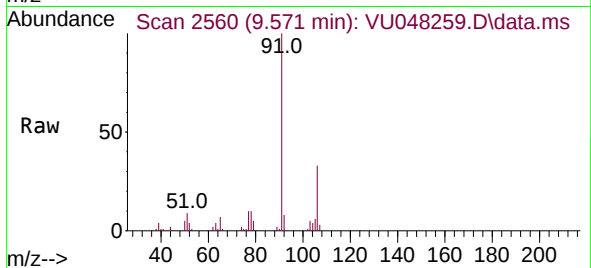




#52
Ethylbenzene
Concen: 3.280 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

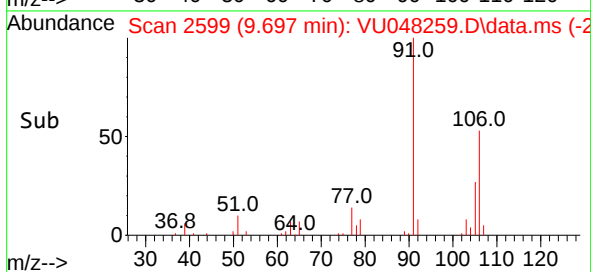
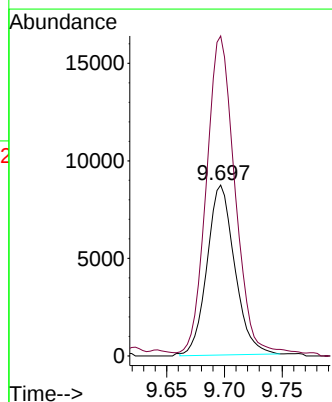
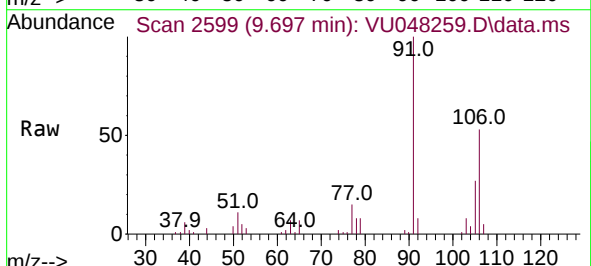
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

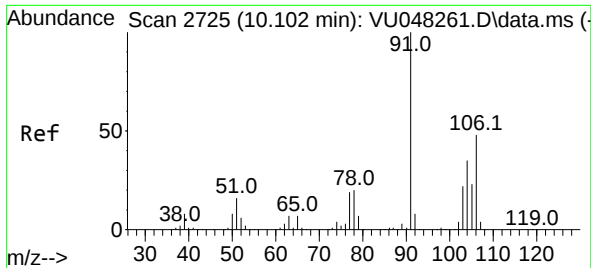
Tgt Ion: 91 Resp: 38669
Ion Ratio Lower Upper
91 100
106 33.0 22.5 41.9



#53
m,p-Xylene
Concen: 3.131 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion: 106 Resp: 14534
Ion Ratio Lower Upper
106 100
91 187.3 137.4 255.2

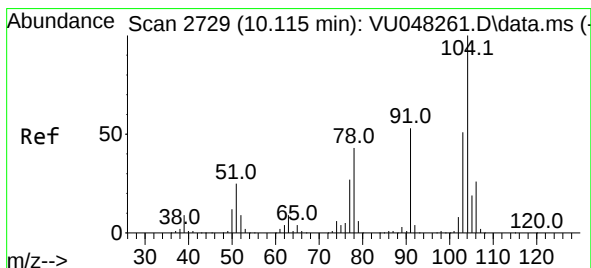
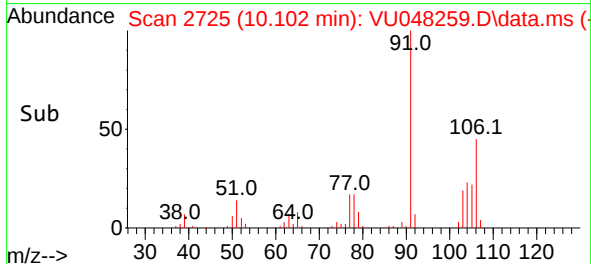
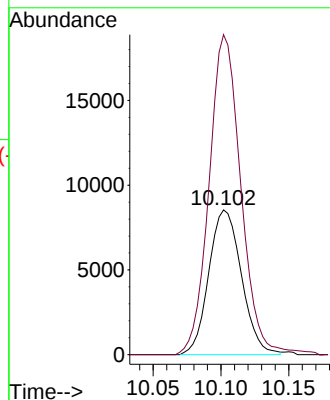
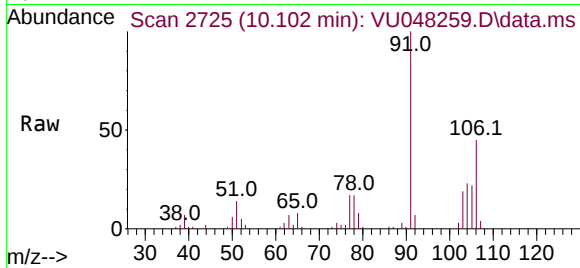




#54
o-Xylene
Concen: 3.118 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

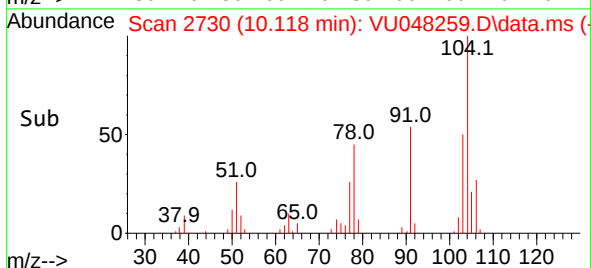
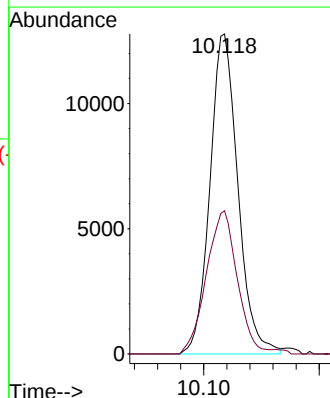
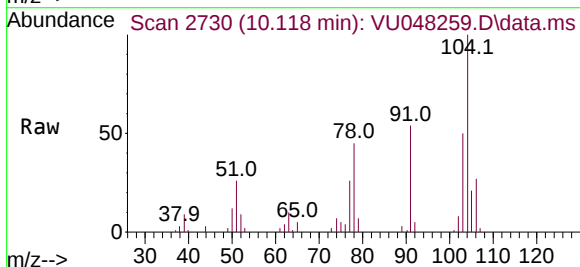
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

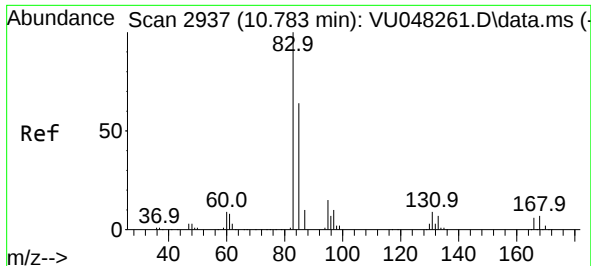
Tgt Ion:106 Resp: 14333
Ion Ratio Lower Upper
106 100
91 221.0 145.3 269.8



#55
Styrene
Concen: 2.729 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion:104 Resp: 21508
Ion Ratio Lower Upper
104 100
78 44.8 30.3 56.3

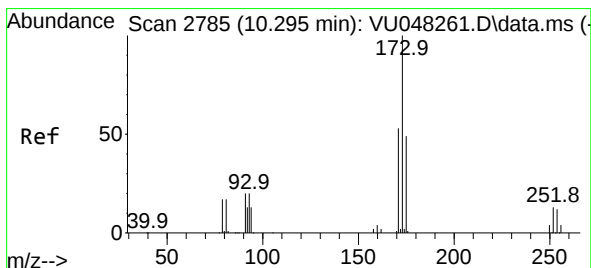
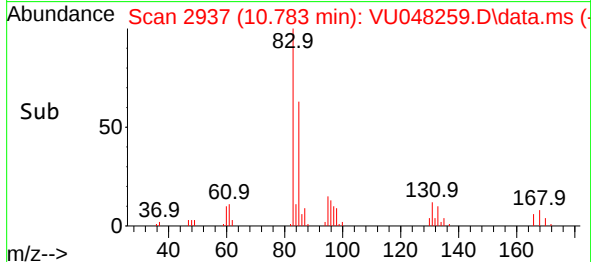
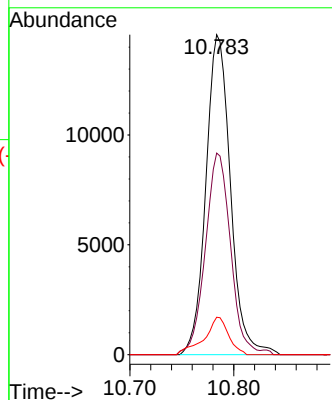
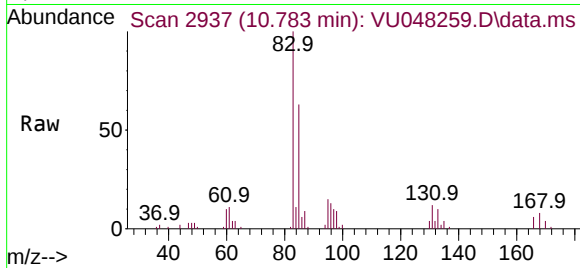




#57
1,1,2,2-Tetrachloroethane
Concen: 4.455 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

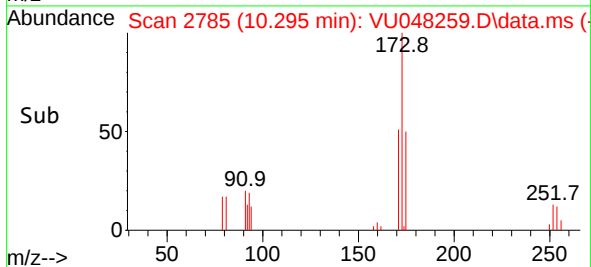
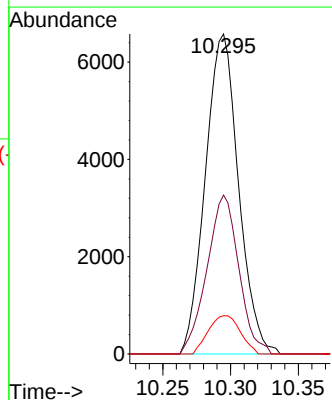
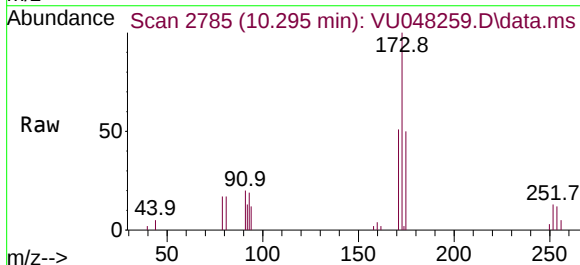
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

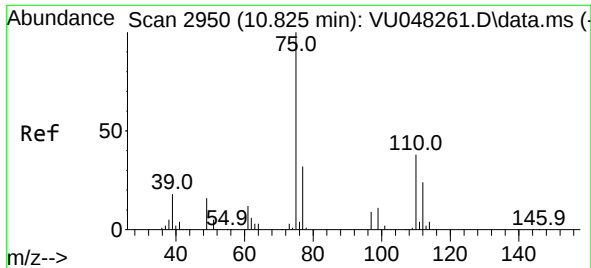
Tgt Ion: 83 Resp: 23960
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.7
131 11.7 7.8 11.6#



#59
Bromoform
Concen: 5.131 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion:173 Resp: 11206
Ion Ratio Lower Upper
173 100
175 47.6 38.9 58.3
254 11.5 9.5 14.3

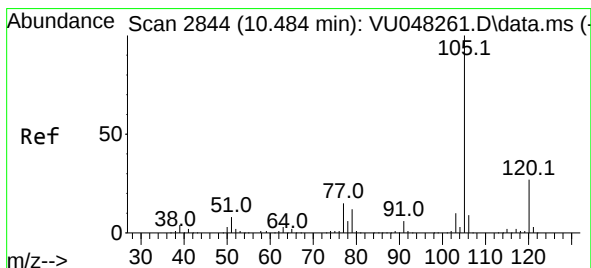
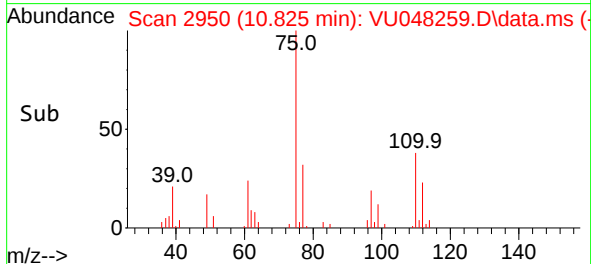
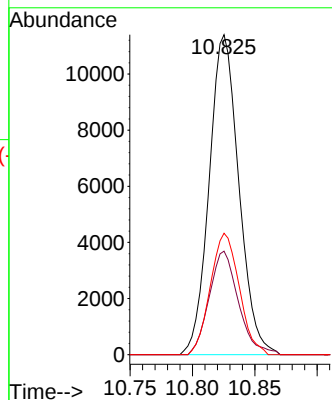
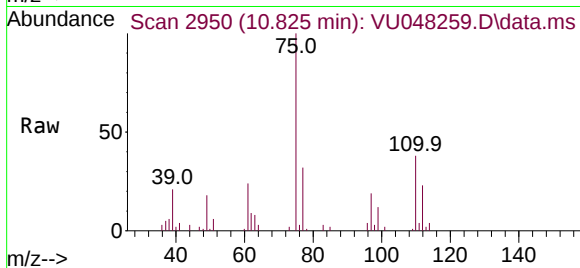




#60
1,2,3-Trichloropropane
Concen: 5.744 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

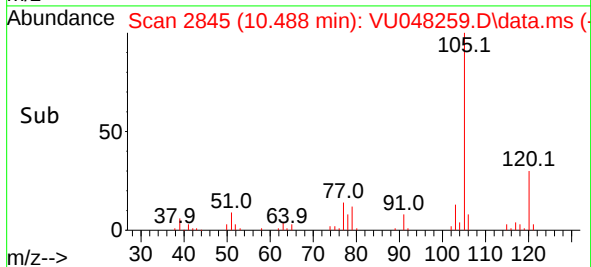
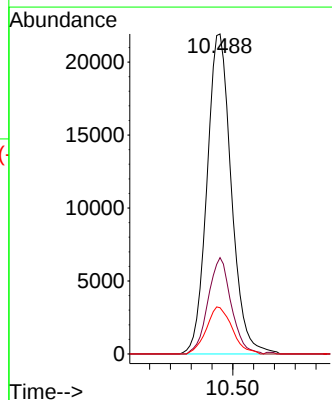
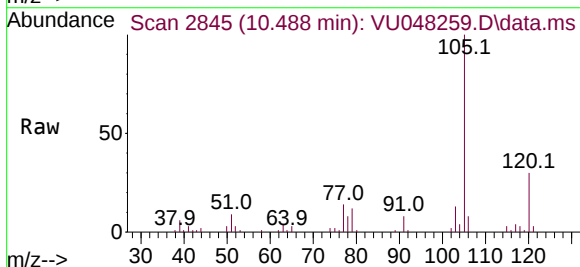
Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

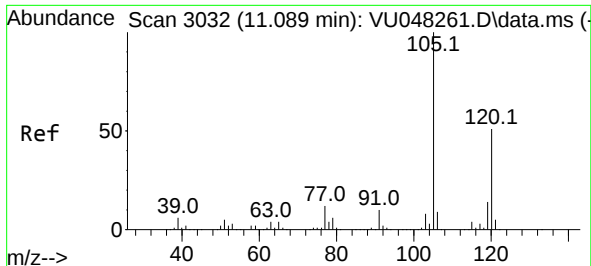
Tgt Ion:	75	Resp:	18900
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
110	36.9	29.9	44.9



#61
Isopropylbenzene
Concen: 3.882 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion:	105	Resp:	35665
Ion	Ratio	Lower	Upper
105	100		
120	28.6	21.7	32.5
77	15.5	11.7	17.5





#62

1,3,5-Trimethylbenzene

Concen: 3.407 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

Instrument :

MSVOA_U

ClientSampleId :

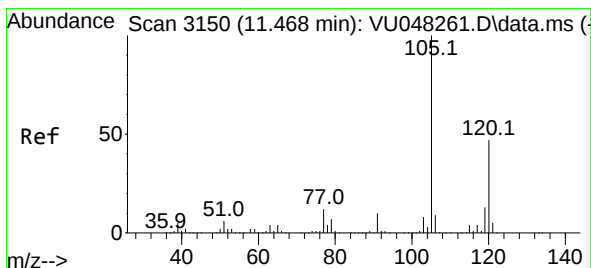
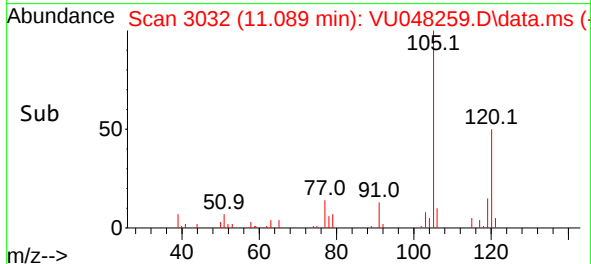
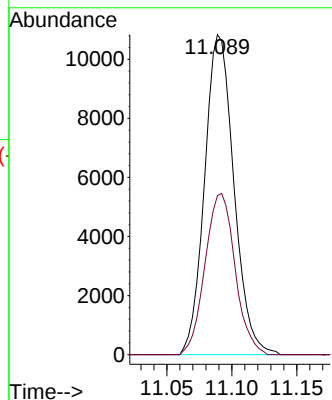
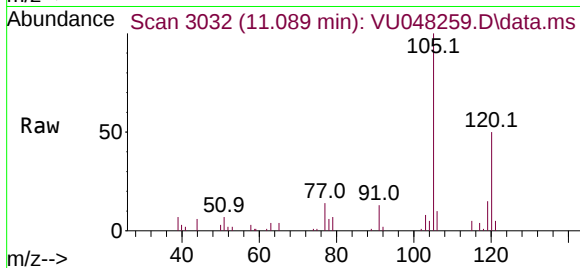
VSTD005056

Tgt Ion:105 Resp: 17018

Ion Ratio Lower Upper

105 100

120 51.5 40.7 61.1



#63

1,2,4-Trimethylbenzene

Concen: 3.135 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU048259.D

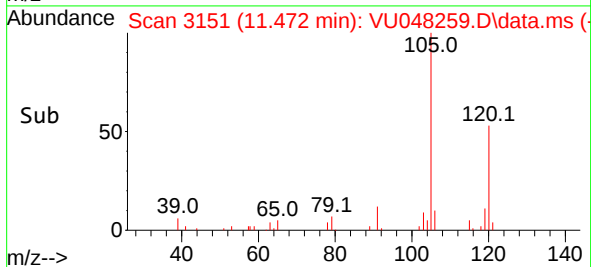
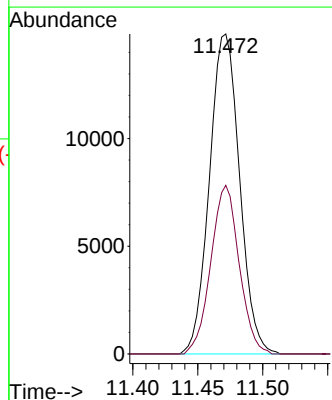
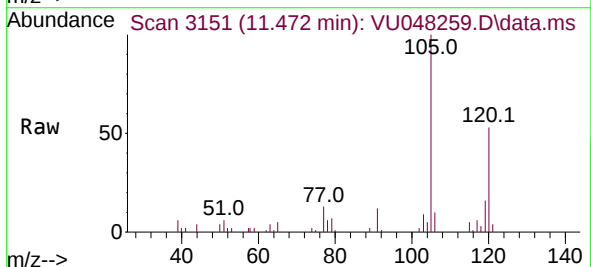
Acq: 25 Apr 2022 09:53

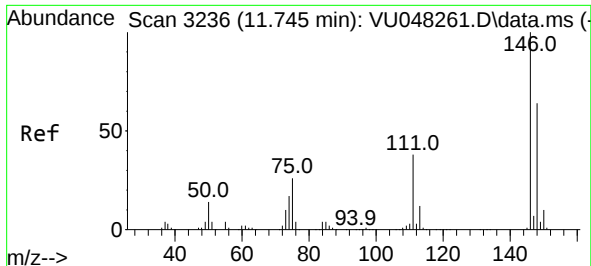
Tgt Ion:105 Resp: 23969

Ion Ratio Lower Upper

105 100

120 49.5 38.0 57.0

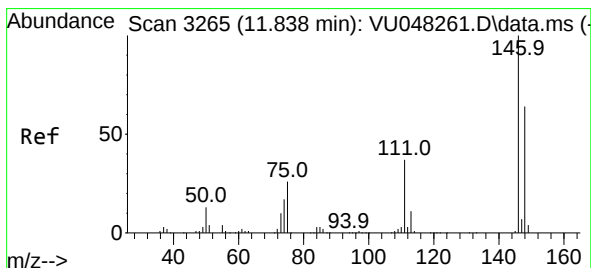
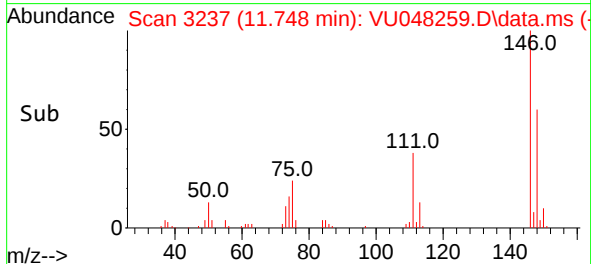
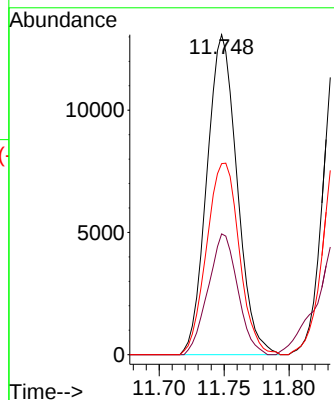
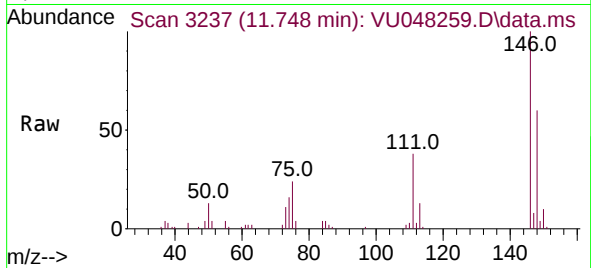




#64
 1,3-Dichlorobenzene
 Concen: 4.151 ug/L
 RT: 11.748 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU048259.D
 Acq: 25 Apr 2022 09:53

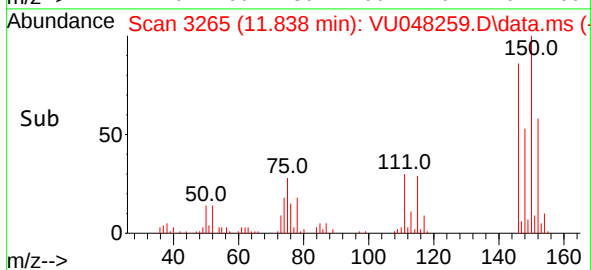
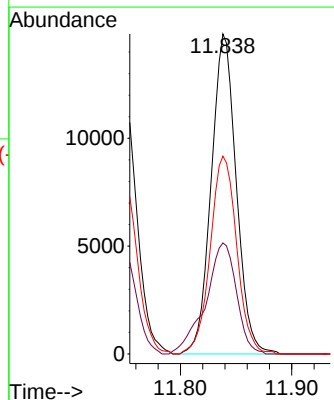
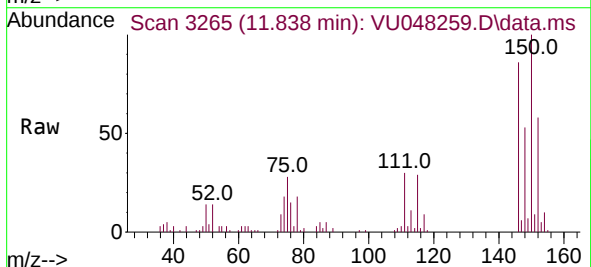
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005056

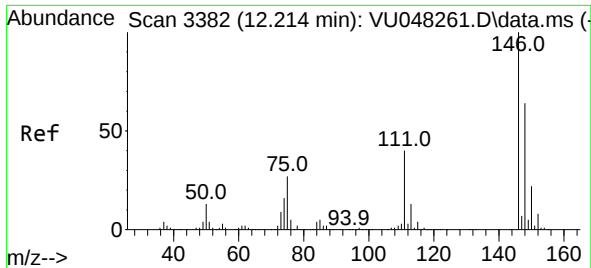
Tgt Ion:146 Resp: 21170
 Ion Ratio Lower Upper
 146 100
 111 37.8 26.7 49.7
 148 59.7 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 4.440 ug/L
 RT: 11.838 min Scan# 3265
 Delta R.T. 0.000 min
 Lab File: VU048259.D
 Acq: 25 Apr 2022 09:53

Tgt Ion:146 Resp: 23214
 Ion Ratio Lower Upper
 146 100
 111 34.7 25.9 48.1
 148 61.8 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 4.690 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD005056

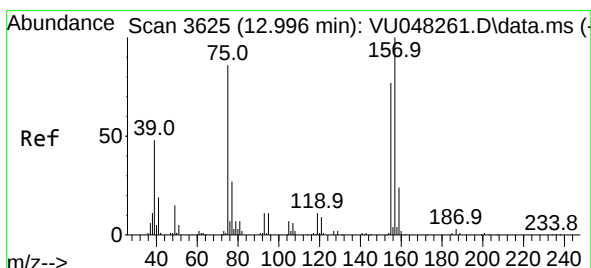
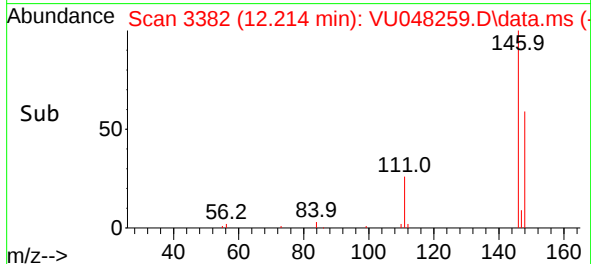
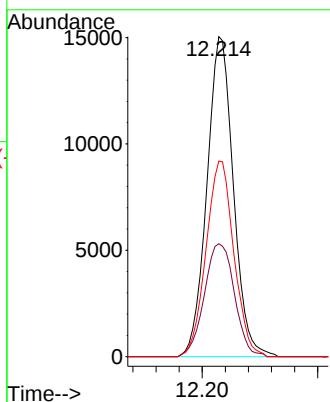
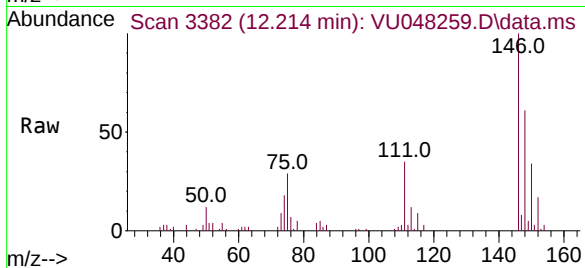
Tgt Ion:146 Resp: 23986

Ion Ratio Lower Upper

146 100

111 35.3 31.7 47.5

148 61.1 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.606 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. 0.007 min

Lab File: VU048259.D

Acq: 25 Apr 2022 09:53

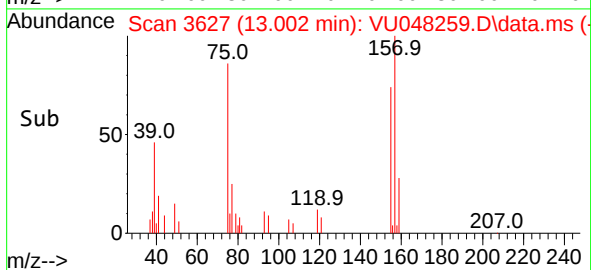
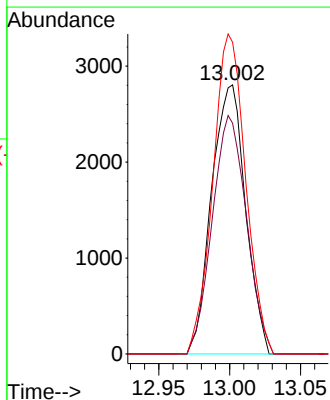
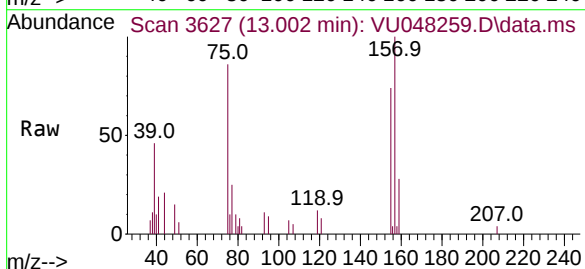
Tgt Ion: 75 Resp: 4670

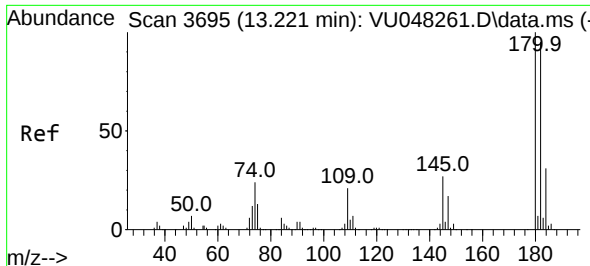
Ion Ratio Lower Upper

75 100

155 89.9 71.8 107.6

157 115.9 93.4 140.2

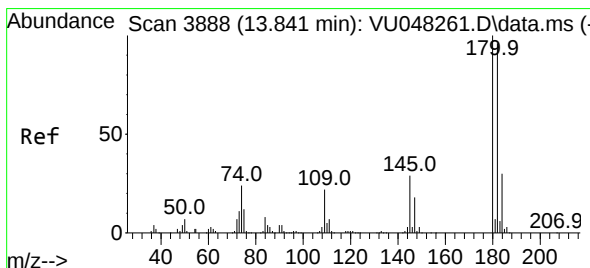
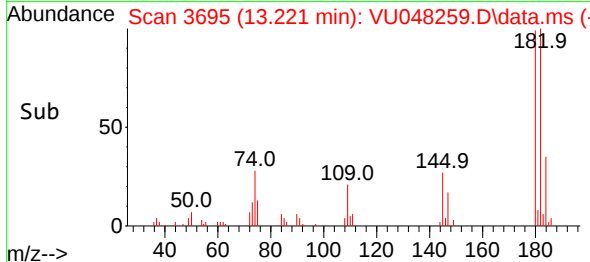
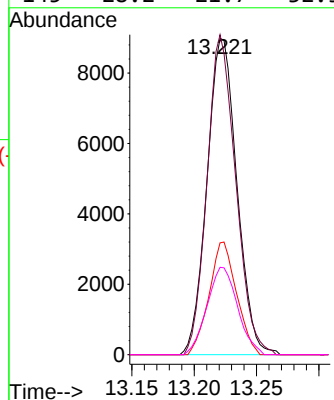
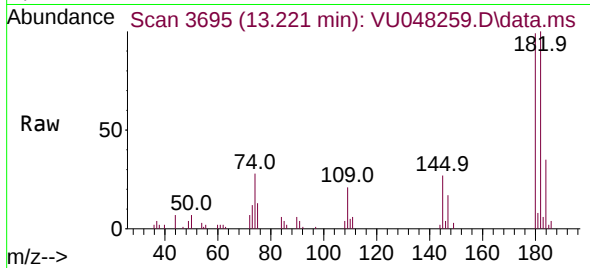




#69
 1,3,5-Trichlorobenzene
 Concen: 3.691 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU048259.D
 Acq: 25 Apr 2022 09:53

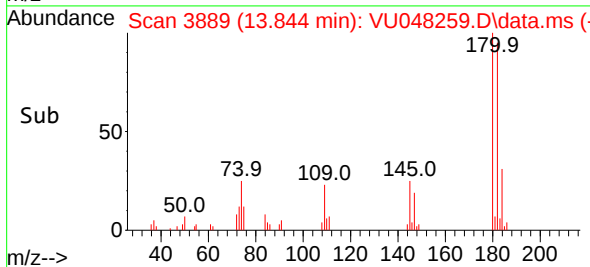
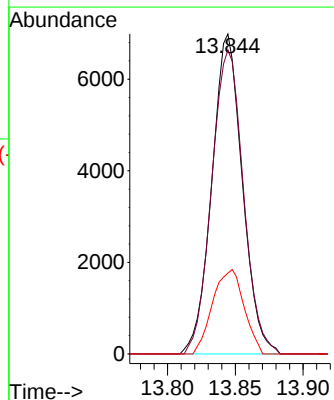
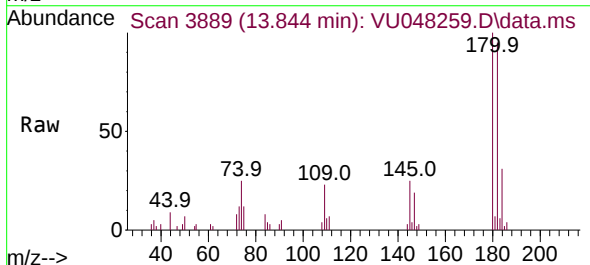
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005056

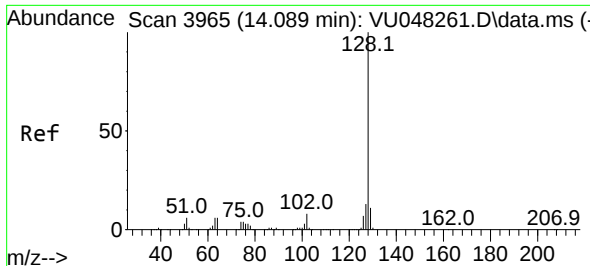
Tgt Ion:180	Resp:	15022
Ion Ratio	Lower	Upper
180	100	
182	96.8	77.0 115.4
184	32.6	24.6 37.0
145	28.2	21.7 32.5



#70
 1,2,4-trichlorobenzene
 Concen: 3.130 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU048259.D
 Acq: 25 Apr 2022 09:53

Tgt Ion:180	Resp:	10925
Ion Ratio	Lower	Upper
180	100	
182	98.7	76.3 114.5
145	27.1	22.6 33.8

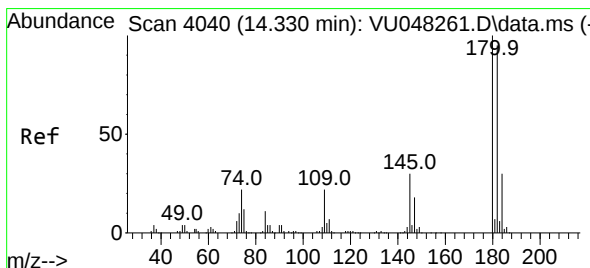
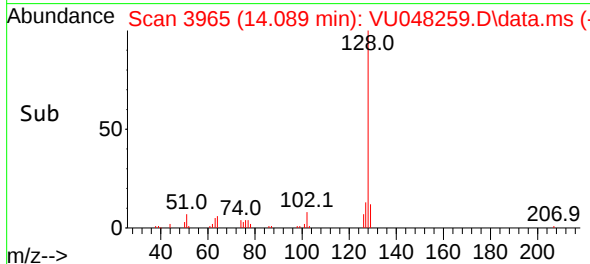
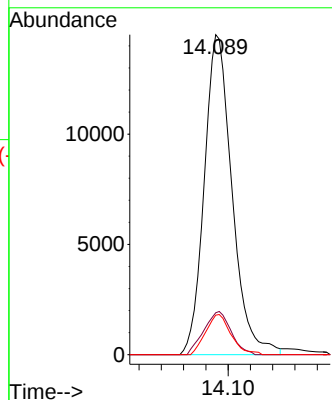
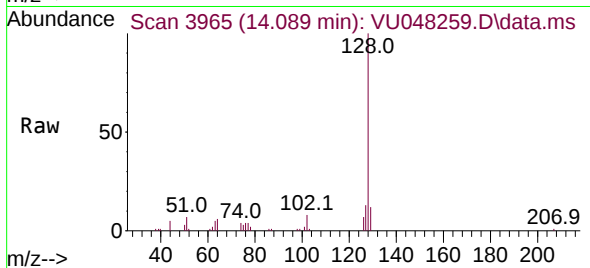




#71
Naphthalene
Concen: 2.416 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD005056

Tgt Ion:128	Resp:	25125
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.4 15.6
129	11.4	8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 3.172 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU048259.D
Acq: 25 Apr 2022 09:53

Tgt Ion:180	Resp:	11170
Ion Ratio	Lower	Upper
180	100	
182	93.1	75.8 113.6
145	29.5	23.5 35.3

