

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048993.D
 Acq On : 10 Jun 2022 13:08
 Operator : SY/MD
 Sample : VSTD01075
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010075

Quant Time: Jun 10 22:27:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	327883	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	314525	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	152610	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	21053	10.348	ug/L	0.00
7) Chloroethane-d5	1.903	69	15738	10.497	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	39026	8.869	ug/L	0.00
21) 2-Butanone-d5	4.620	46	43660	22.323	ug/L	0.00
24) Chloroform-d	5.064	84	44809	9.064	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	28600	8.335	ug/L	0.00
32) Benzene-d6	5.726	84	79876	9.283	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	26004	9.979	ug/L	0.00
41) Toluene-d8	7.896	98	68697	8.639	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	11924	7.626	ug/L	0.00
47) 2-Hexanone-d5	8.633	63	23545	16.969	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	41779	9.745	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	27164	8.882	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	30290	9.028	ug/L	96
3) Chloromethane	1.523	50	32213	13.954	ug/L	95
5) Vinyl chloride	1.604	62	29852	12.435	ug/L	98
6) Bromomethane	1.842	94	16373	10.100	ug/L	95
8) Chloroethane	1.925	64	16136	11.631	ug/L	98
9) Trichlorofluoromethane	2.134	101	41278	9.475	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	24244	10.752	ug/L	96
12) 1,1-Dichloroethene	2.578	96	20182	9.660	ug/L	94
13) Acetone	2.623	43	36299	23.531	ug/L	97
14) Carbon disulfide	2.790	76	52277	8.815	ug/L	99
15) Methyl Acetate	2.945	43	34743	12.534	ug/L	99
16) Methylene chloride	3.044	84	27536	11.103	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	22252	9.835	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	81405	10.254	ug/L	99
19) 1,1-Dichloroethane	3.867	63	50265	11.808	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	26410	10.248	ug/L	96
22) 2-Butanone	4.700	43	52591	25.356	ug/L	100
23) Bromochloromethane	4.973	128	14607	10.298	ug/L	97
25) Chloroform	5.086	83	51151	10.489	ug/L	97
27) 1,2-Dichloroethane	5.793	62	42481	10.349	ug/L	98
29) Cyclohexane	5.388	56	33783	10.458	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	44928	9.740	ug/L	98
31) Carbon tetrachloride	5.523	117	39678	9.541	ug/L	99
33) Benzene	5.774	78	104937	11.347	ug/L	100
34) Trichloroethene	6.543	95	25132	9.854	ug/L	99
35) Methylcyclohexane	6.761	83	34605	9.489	ug/L	97
37) 1,2-Dichloropropane	6.790	63	28964	12.231	ug/L	100
38) Bromodichloromethane	7.105	83	38680	10.558	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	38660	9.915	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	90917	24.595	ug/L	98
42) Toluene	7.970	91	104973	10.604	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	39822	9.859	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048993.D
 Acq On : 10 Jun 2022 13:08
 Operator : SY/MD
 Sample : VSTD01075
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

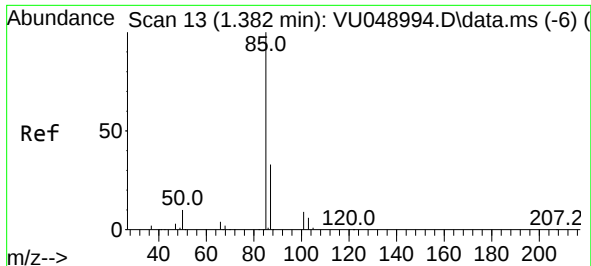
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010075

Quant Time: Jun 10 22:27:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.401	97	28173	11.406	ug/L	96
46) Tetrachloroethene	8.552	164	20178	9.929	ug/L	97
48) 2-Hexanone	8.684	43	75855	24.429	ug/L	97
49) Dibromochloromethane	8.809	129	31097	10.088	ug/L	96
50) 1,2-Dibromoethane	8.922	107	30136	10.757	ug/L	99
51) Chlorobenzene	9.446	112	71051	10.287	ug/L	99
52) Ethylbenzene	9.568	91	110187	9.757	ug/L	97
53) m,p-Xylene	9.694	106	43033	9.506	ug/L	94
54) o-Xylene	10.099	106	42883	9.834	ug/L	91
55) Styrene	10.115	104	70677	9.378	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	49953	11.515	ug/L	100
59) Bromoform	10.292	173	24095	11.511	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	40589	13.036	ug/L	99
61) Isopropylbenzene	10.485	105	105430	11.127	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	85331	14.265	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	64995	8.241	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	51695	10.766	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	51517	10.347	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	53442	10.792	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	13689	11.687	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	35216	9.360	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	28135	8.369	ug/L	95
71) Naphthalene	14.089	128	89547	7.973	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	29566	8.663	ug/L	99

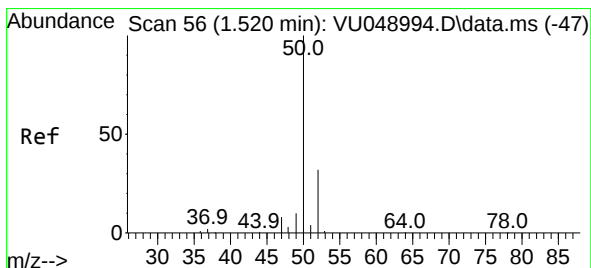
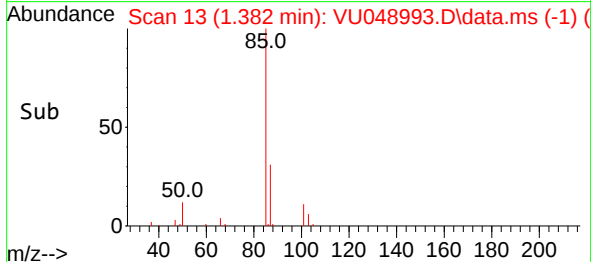
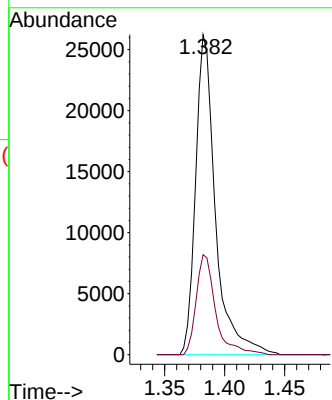
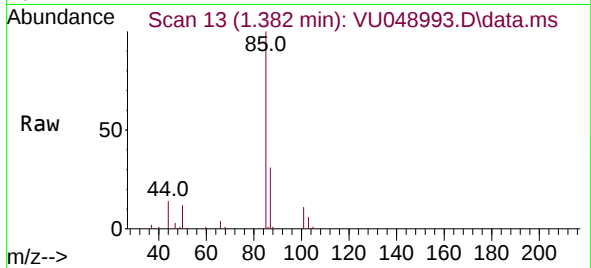
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 9.028 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

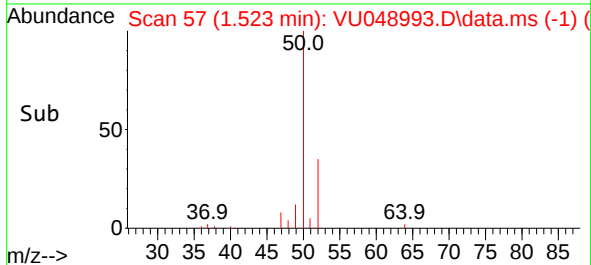
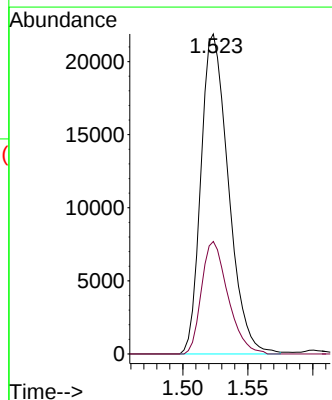
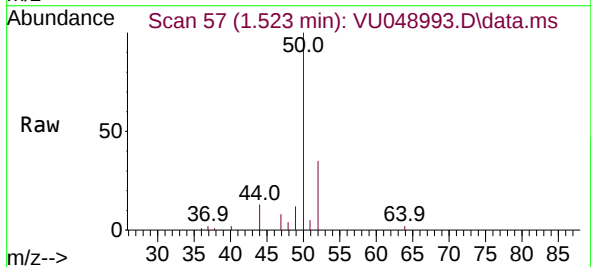
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

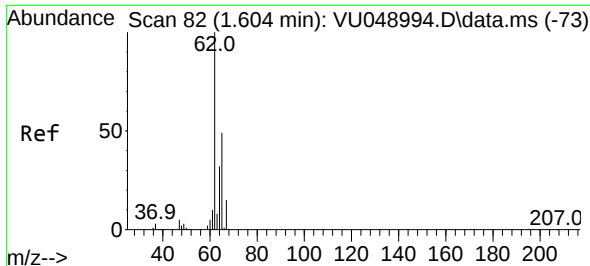
Tgt Ion: 85 Resp: 30290
Ion Ratio Lower Upper
85 100
87 30.6 26.3 39.5



#3
Chloromethane
Concen: 13.954 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion: 50 Resp: 32213
Ion Ratio Lower Upper
50 100
52 35.2 22.7 42.1

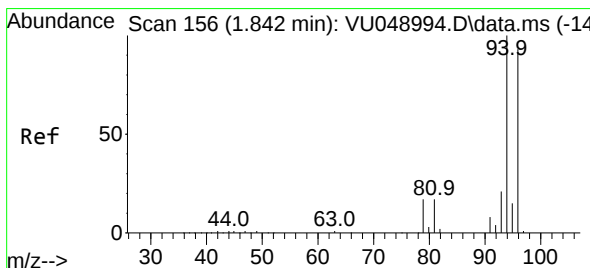
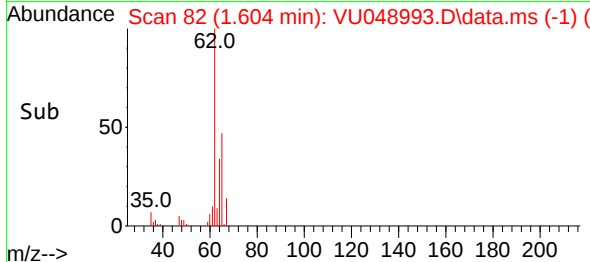
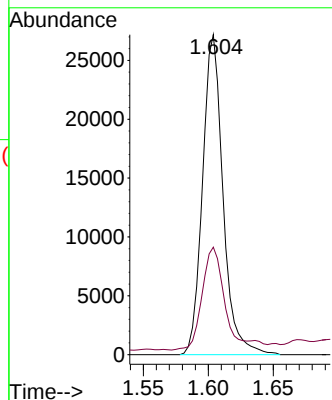
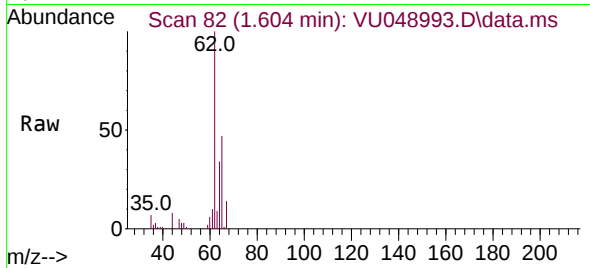




#5
 Vinyl chloride
 Concen: 12.435 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048993.D
 Acq: 10 Jun 2022 13:08

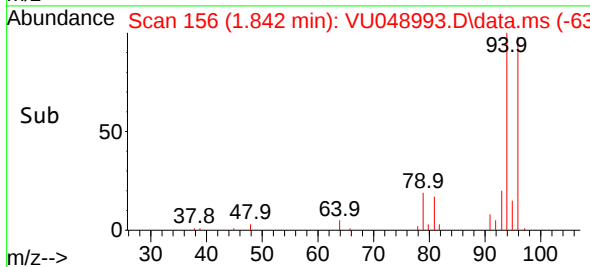
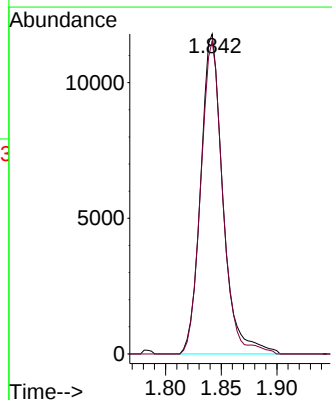
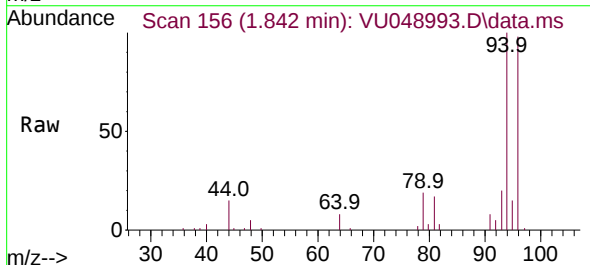
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010075

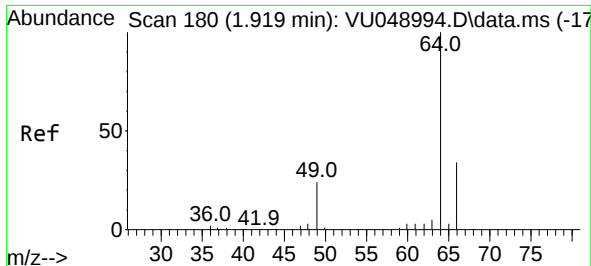
Tgt Ion: 62 Resp: 29852
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.7 42.3



#6
 Bromomethane
 Concen: 10.100 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. 0.000 min
 Lab File: VU048993.D
 Acq: 10 Jun 2022 13:08

Tgt Ion: 94 Resp: 16373
 Ion Ratio Lower Upper
 94 100
 96 97.8 65.1 120.9

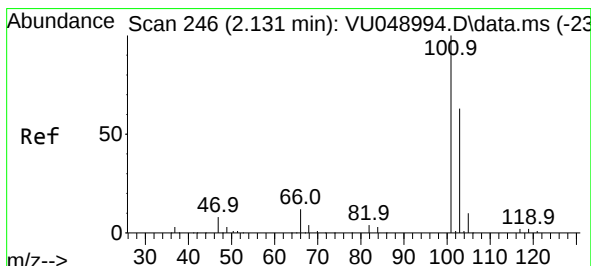
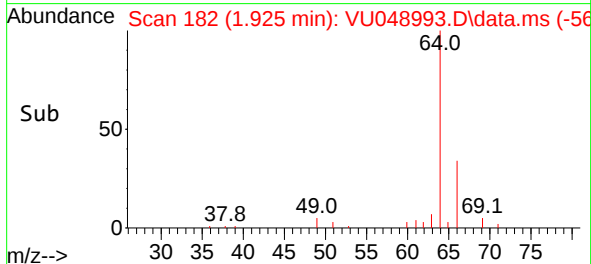
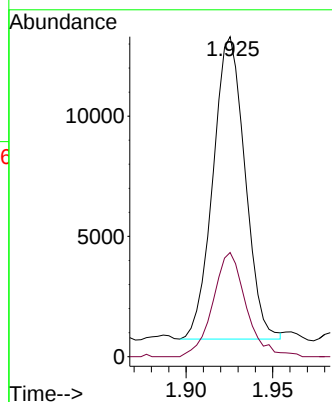
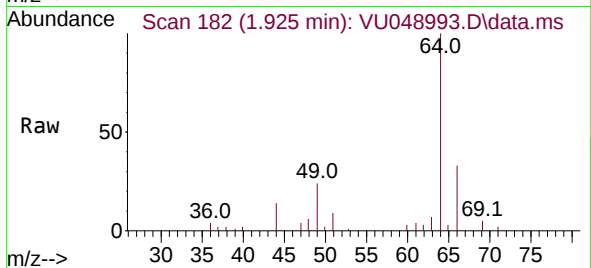




#8
Chloroethane
Concen: 11.631 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

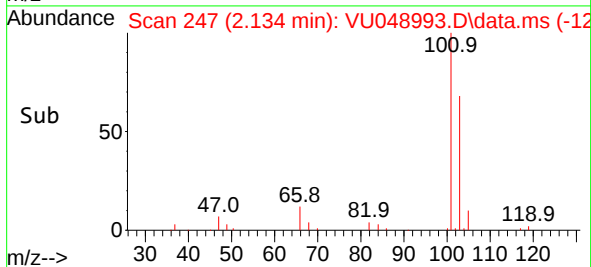
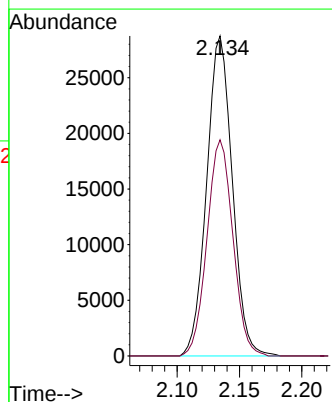
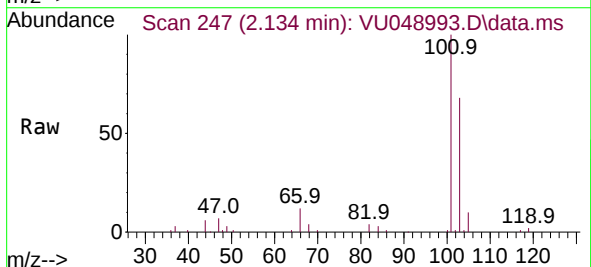
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

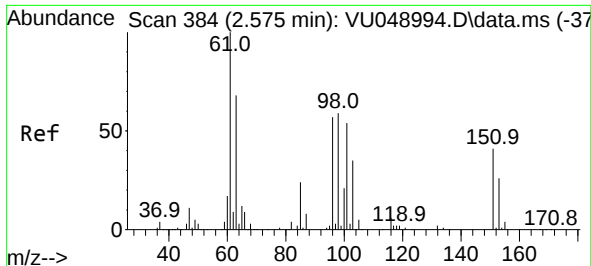
Tgt Ion: 64 Resp: 16136
Ion Ratio Lower Upper
64 100
66 32.6 23.7 43.9



#9
Trichlorofluoromethane
Concen: 9.475 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion:101 Resp: 41278
Ion Ratio Lower Upper
101 100
103 68.0 51.3 76.9

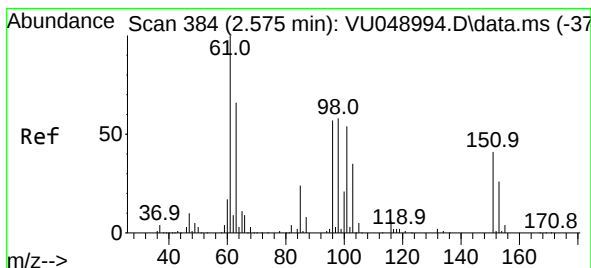
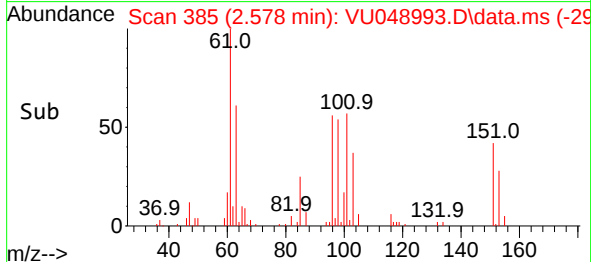
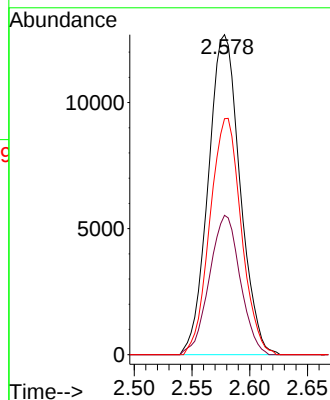
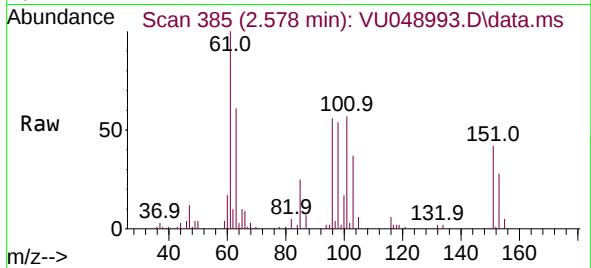




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.752 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

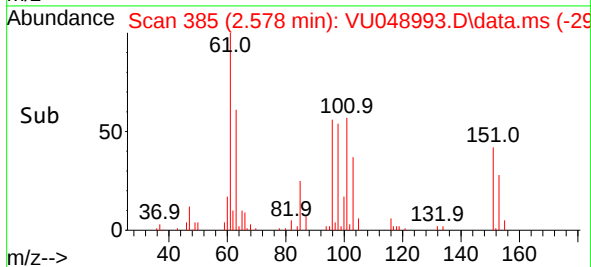
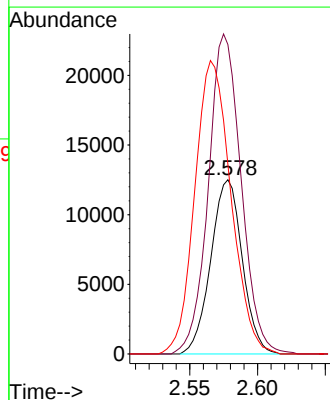
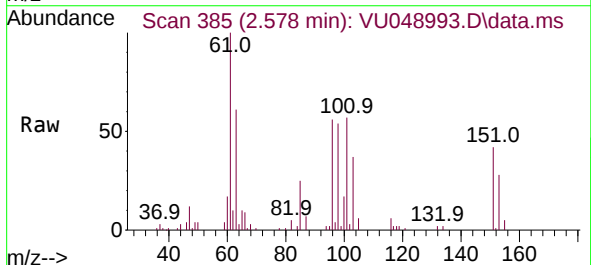
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

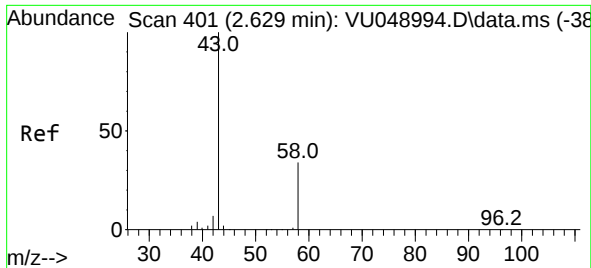
Tgt Ion:101 Resp: 24244
Ion Ratio Lower Upper
101 100
85 42.3 35.2 52.8
151 72.9 61.4 92.2



#12
1,1-Dichloroethene
Concen: 9.660 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion: 96 Resp: 20182
Ion Ratio Lower Upper
96 100
61 177.6 123.5 229.3
63 108.9 86.0 159.8





#13

Acetone

Concen: 23.531 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

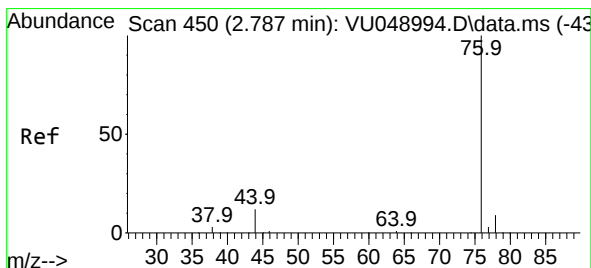
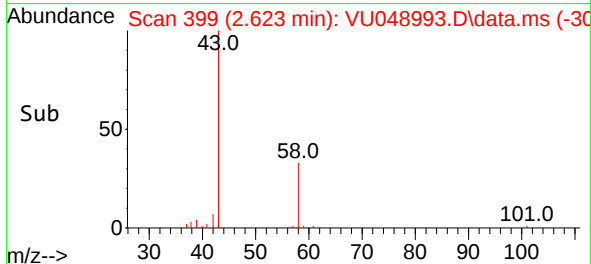
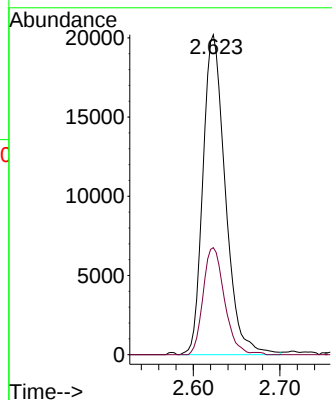
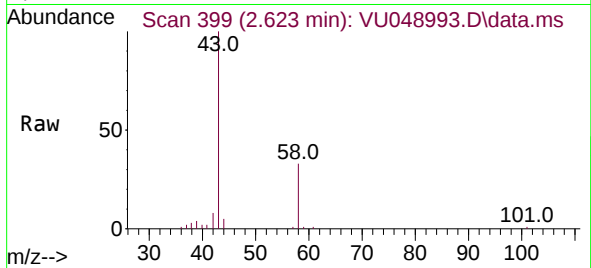
VSTD010075

Tgt Ion: 43 Resp: 36299

Ion Ratio Lower Upper

43 100

58 31.6 0.0 66.4



#14

Carbon disulfide

Concen: 8.815 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU048993.D

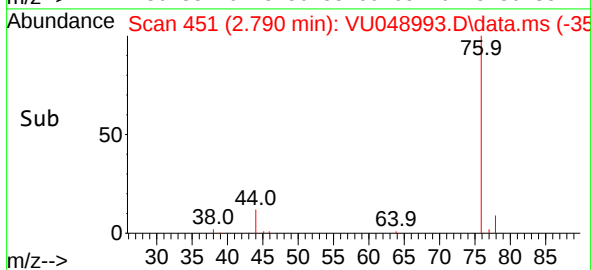
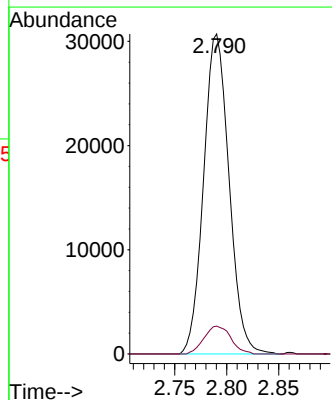
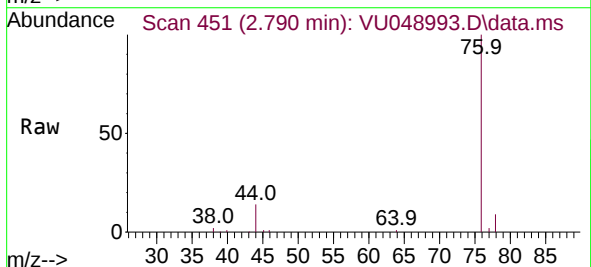
Acq: 10 Jun 2022 13:08

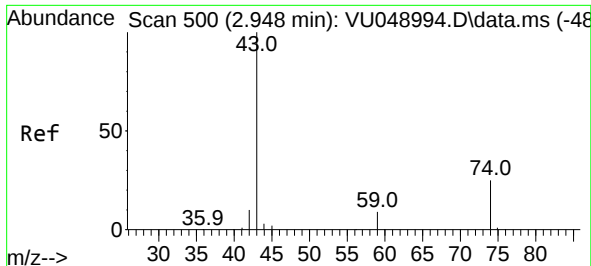
Tgt Ion: 76 Resp: 52277

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7

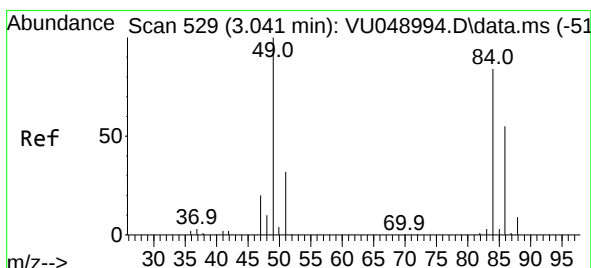
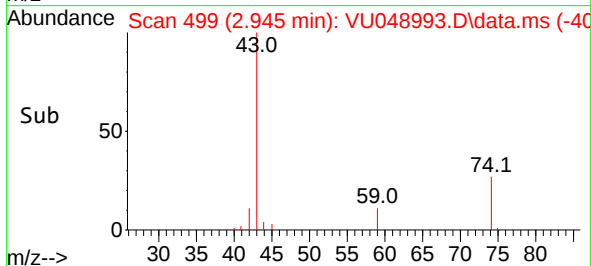
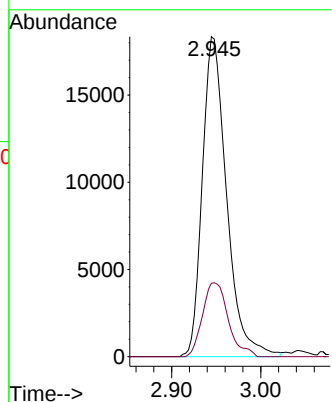
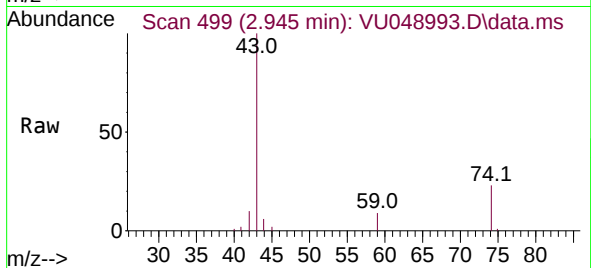




#15
Methyl Acetate
Concen: 12.534 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

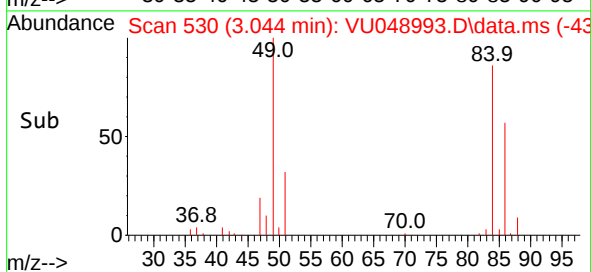
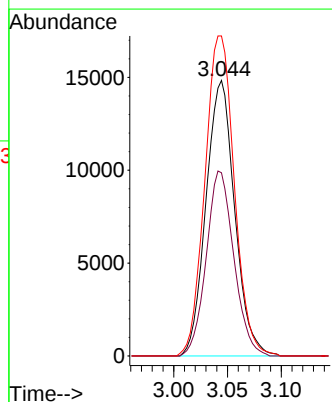
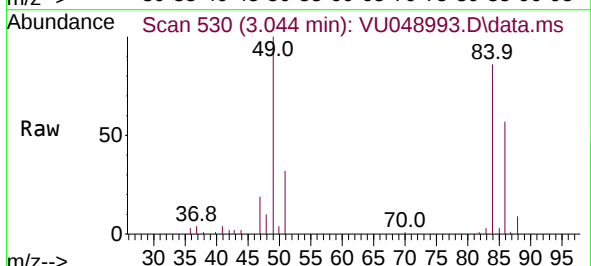
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

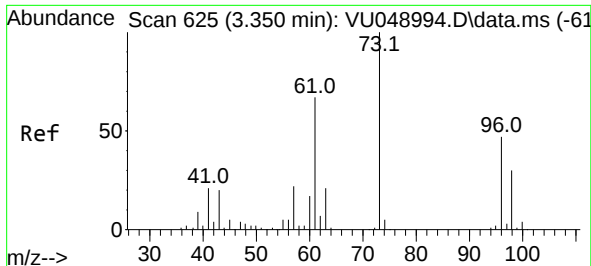
Tgt Ion: 43 Resp: 34743
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.6



#16
Methylene chloride
Concen: 11.103 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion: 84 Resp: 27536
Ion Ratio Lower Upper
84 100
86 66.5 45.8 85.0
49 116.1 83.4 155.0





#17

trans-1,2-Dichloroethene

Concen: 9.835 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD010075

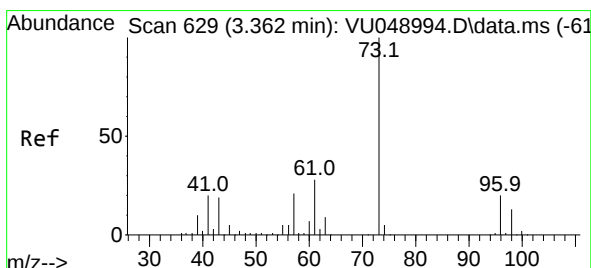
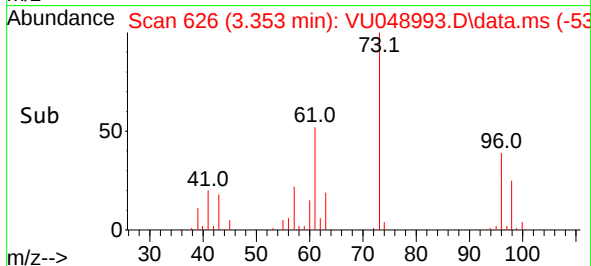
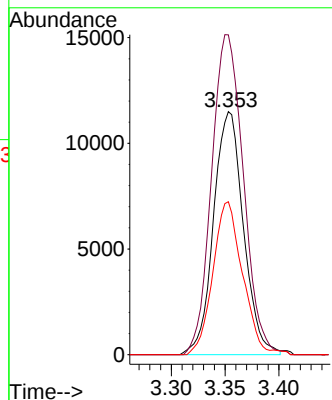
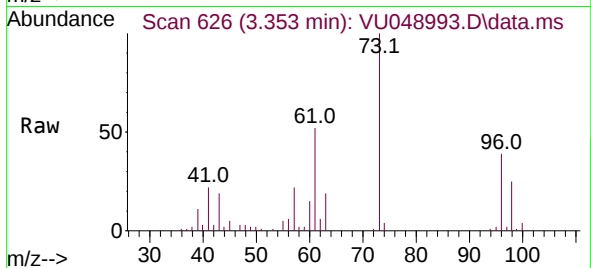
Tgt Ion: 96 Resp: 22252

Ion Ratio Lower Upper

96 100

61 131.6 99.3 184.3

98 63.0 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 10.254 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

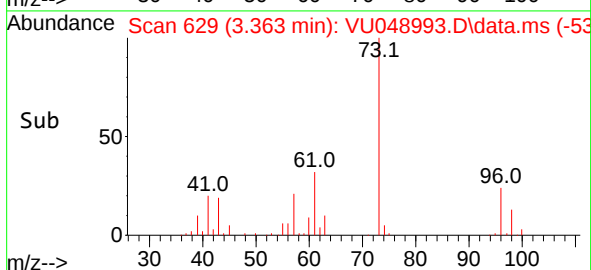
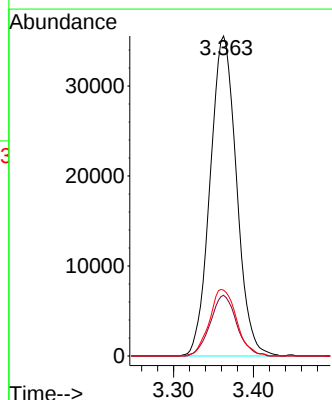
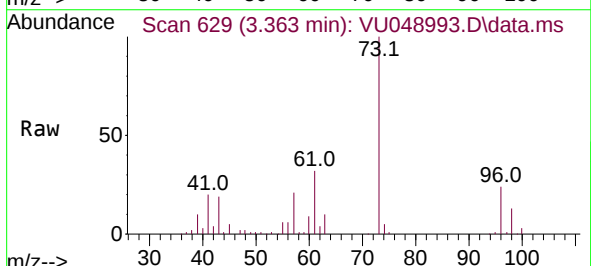
Tgt Ion: 73 Resp: 81405

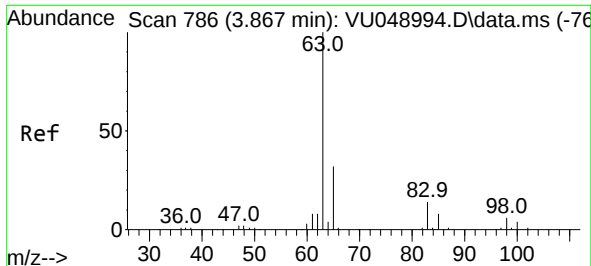
Ion Ratio Lower Upper

73 100

43 19.1 15.0 22.4

57 21.4 17.3 25.9





#19

1,1-Dichloroethane

Concen: 11.808 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD010075

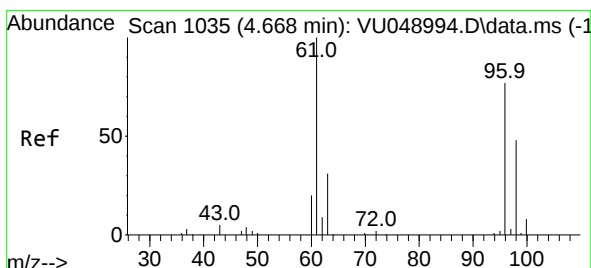
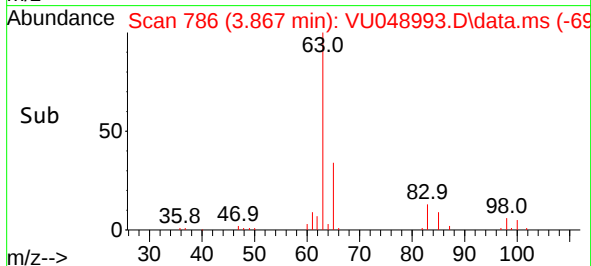
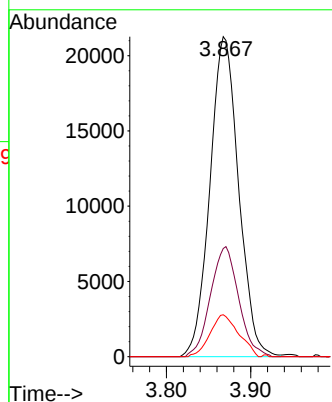
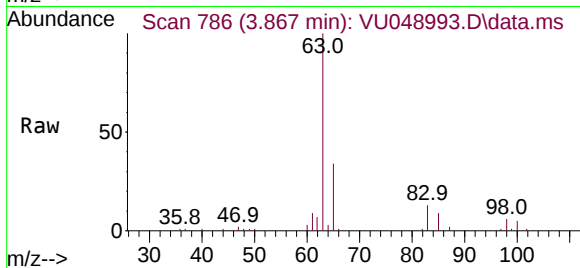
Tgt Ion: 63 Resp: 50265

Ion Ratio Lower Upper

63 100

65 33.8 22.3 41.5

83 13.1 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 10.248 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

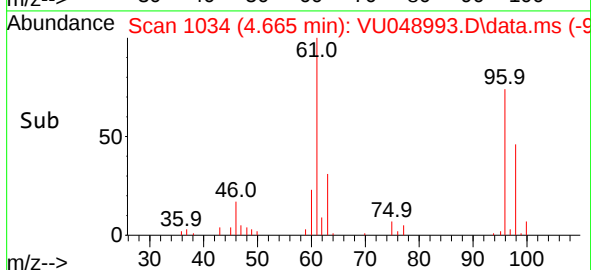
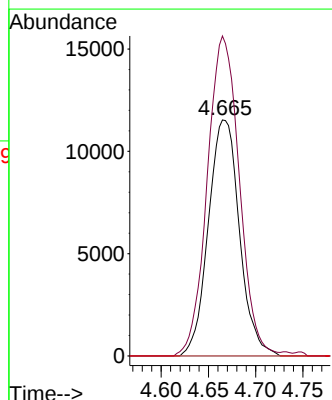
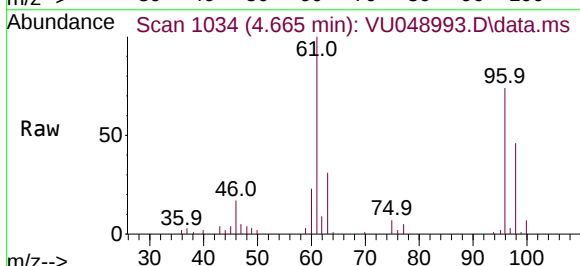
Tgt Ion: 96 Resp: 26410

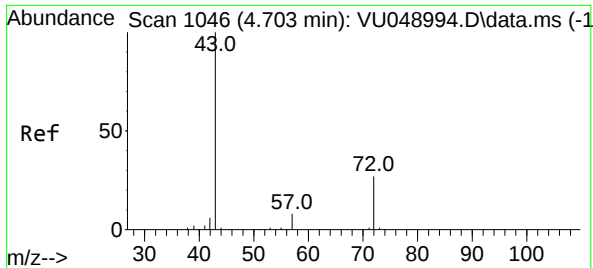
Ion Ratio Lower Upper

96 100

61 135.6 91.6 170.2

68 0.0 0.0 0.0

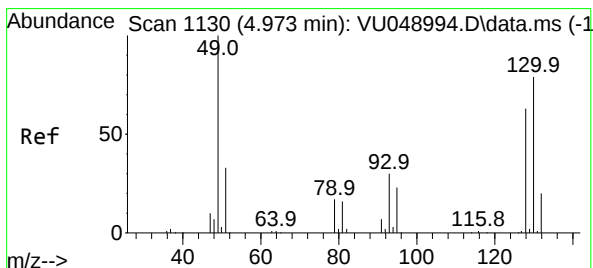
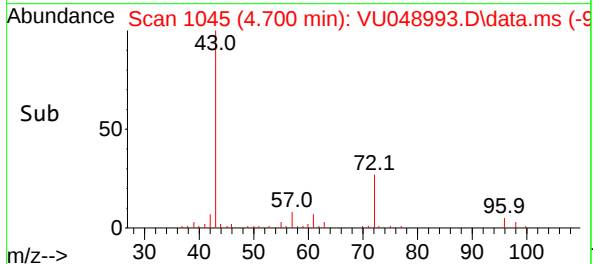
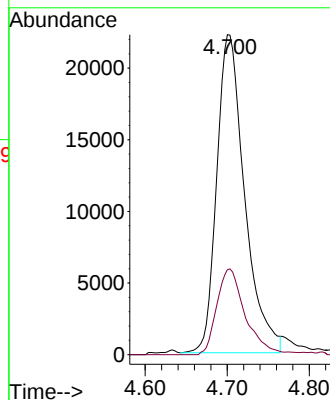
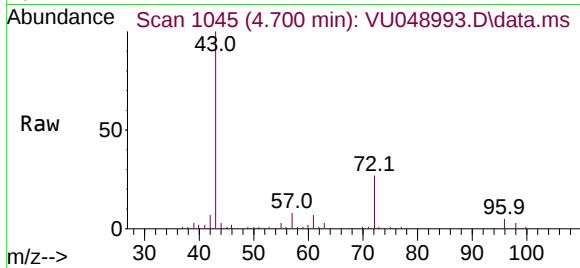




#22
2-Butanone
Concen: 25.356 ug/L
RT: 4.700 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

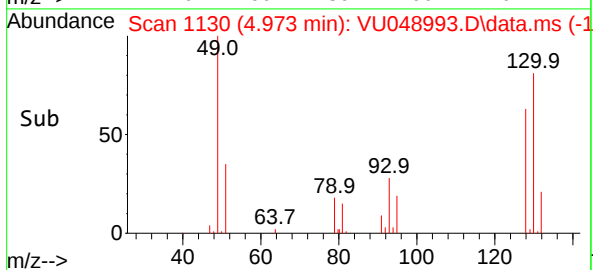
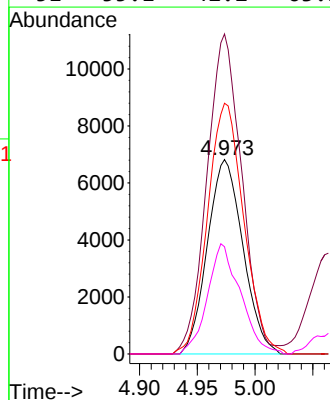
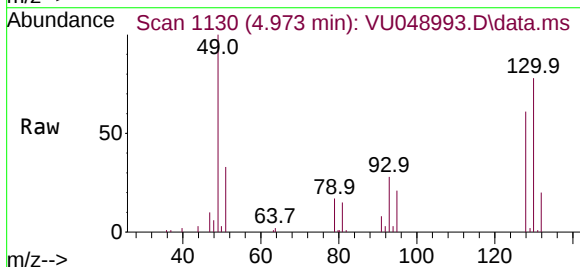
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

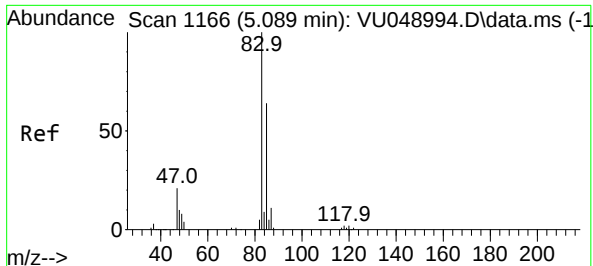
Tgt Ion: 43 Resp: 52591
Ion Ratio Lower Upper
43 100
72 27.3 13.7 41.0



#23
Bromochloromethane
Concen: 10.298 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion:128 Resp: 14607
Ion Ratio Lower Upper
128 100
49 164.6 111.9 207.9
130 129.0 88.6 164.6
51 55.1 42.2 63.2





#25

Chloroform

Concen: 10.489 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

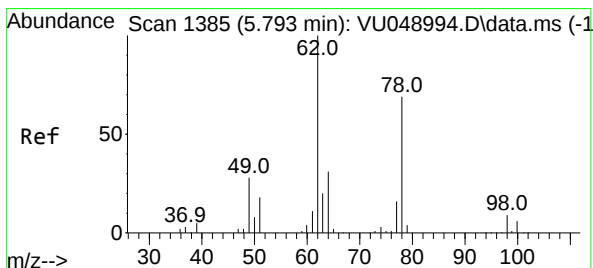
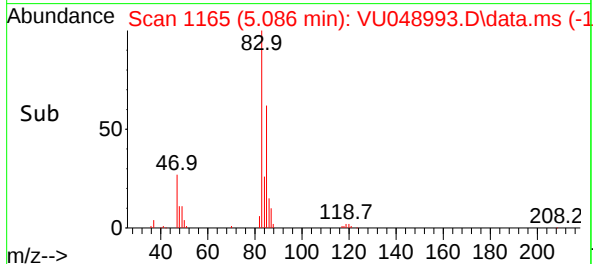
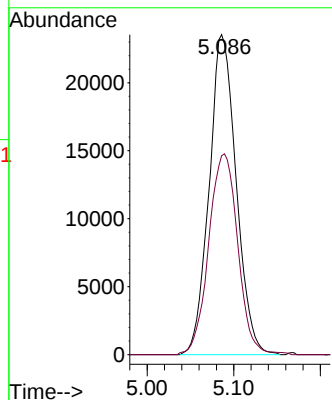
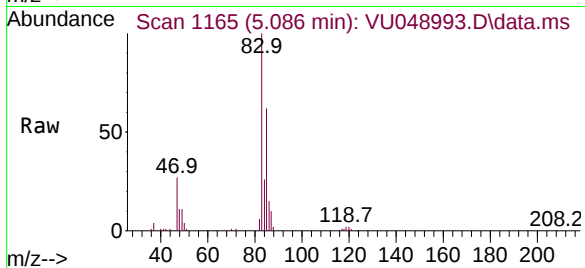
VSTD010075

Tgt Ion: 83 Resp: 51151

Ion Ratio Lower Upper

83 100

85 62.2 45.1 83.9



#27

1,2-Dichloroethane

Concen: 10.349 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU048993.D

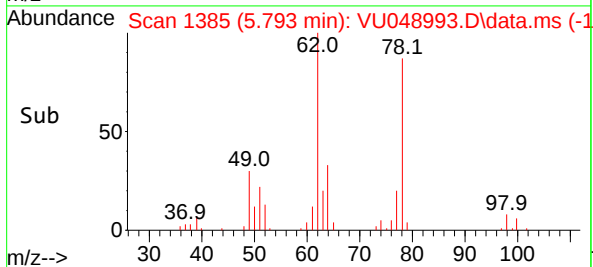
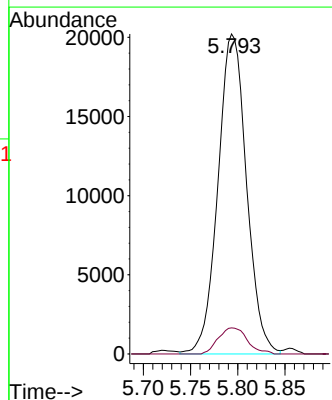
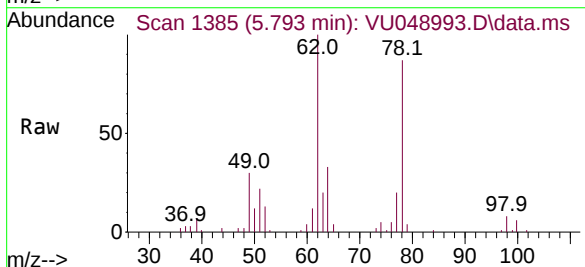
Acq: 10 Jun 2022 13:08

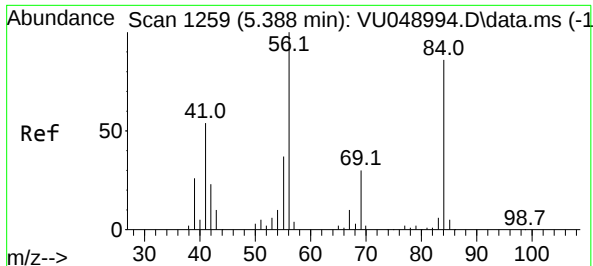
Tgt Ion: 62 Resp: 42481

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.4





#29

Cyclohexane

Concen: 10.458 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD010075

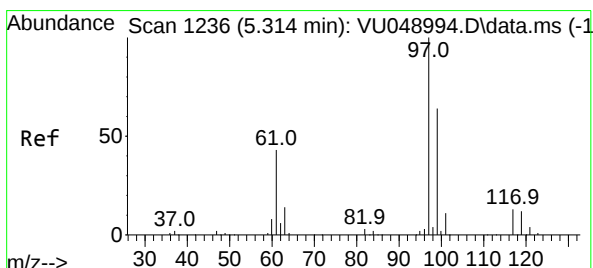
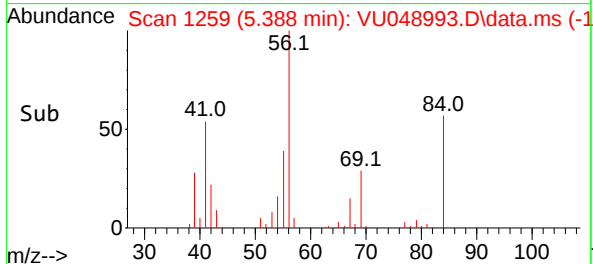
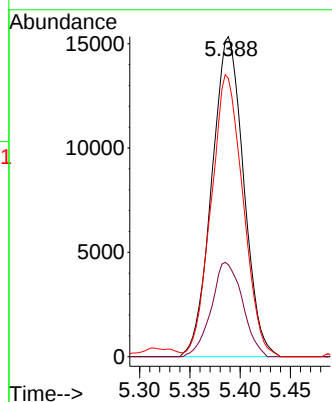
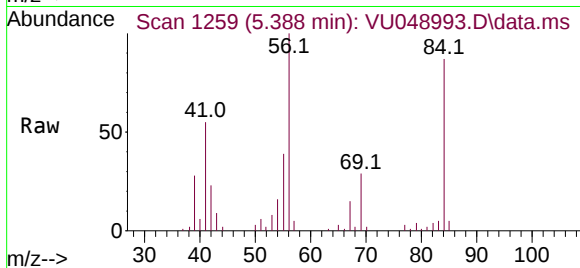
Tgt Ion: 56 Resp: 33783

Ion Ratio Lower Upper

56 100

69 28.8 24.6 36.8

84 88.1 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 9.740 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

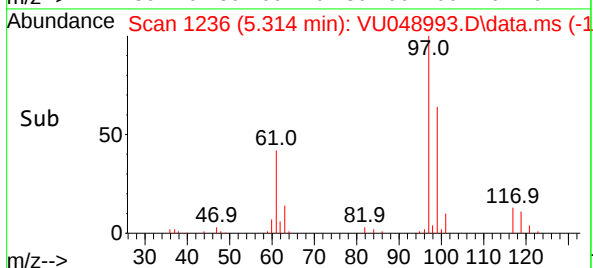
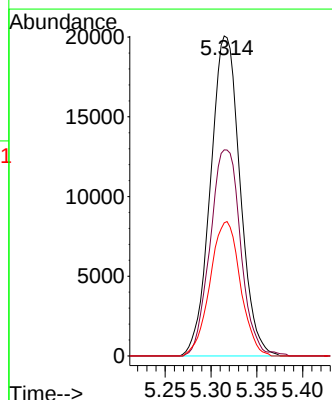
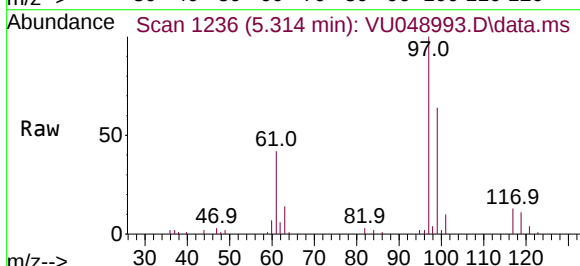
Tgt Ion: 97 Resp: 44928

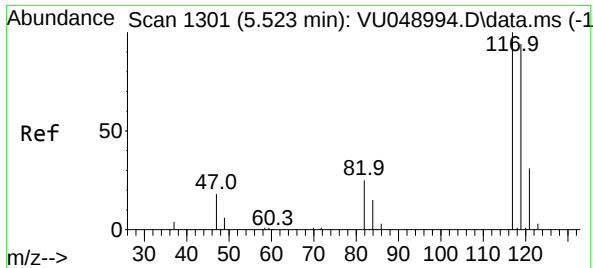
Ion Ratio Lower Upper

97 100

99 66.3 50.9 76.3

61 43.2 34.2 51.2

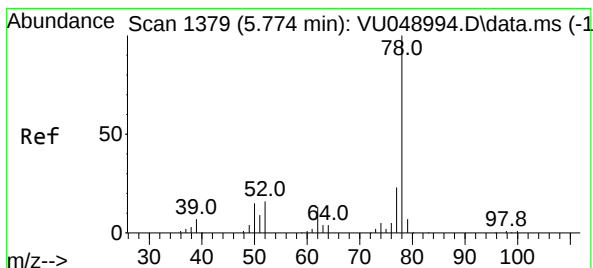
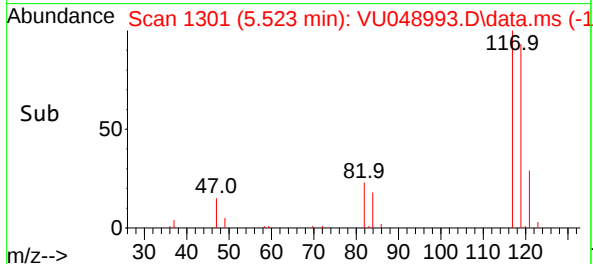
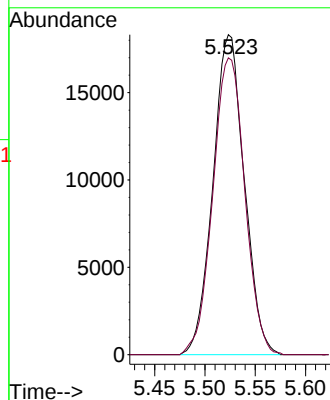
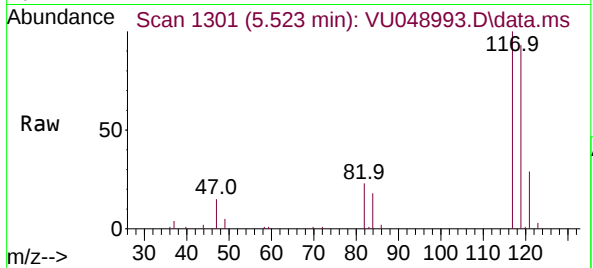




#31
Carbon tetrachloride
Concen: 9.541 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

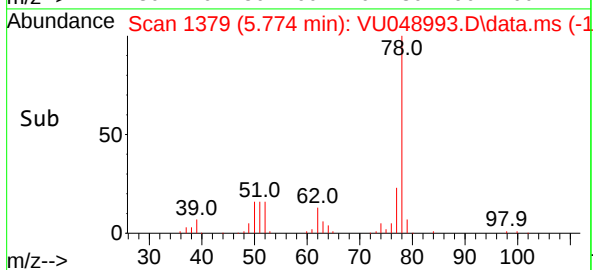
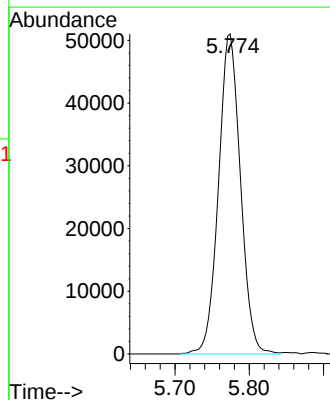
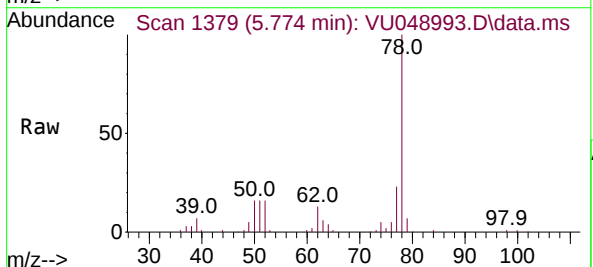
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

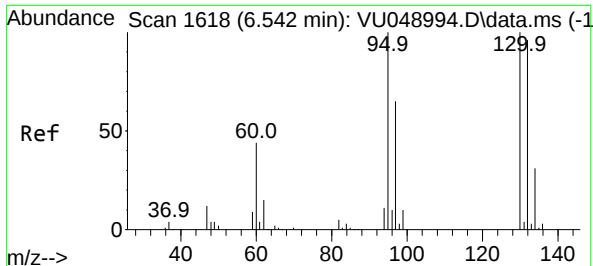
Tgt Ion:117 Resp: 39678
Ion Ratio Lower Upper
117 100
119 94.8 76.5 114.7



#33
Benzene
Concen: 11.347 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion: 78 Resp: 104937



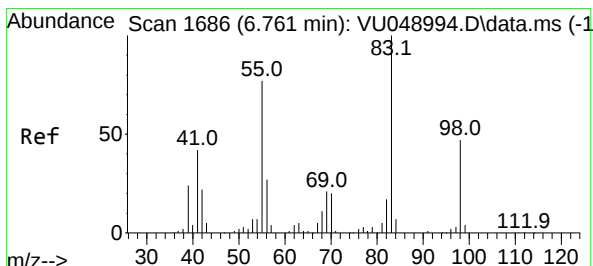
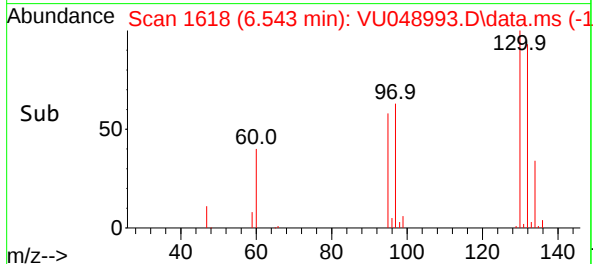
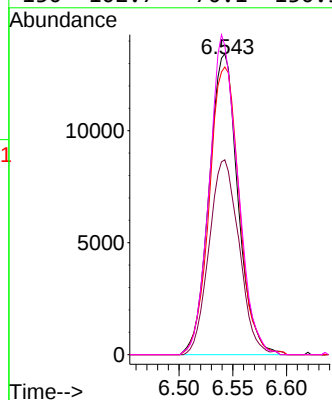
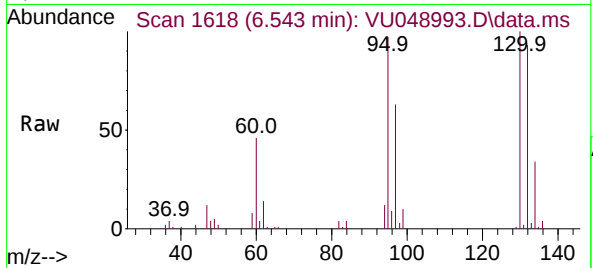


#34
Trichloroethene
Concen: 9.854 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

Tgt Ion: 95 Resp: 25132

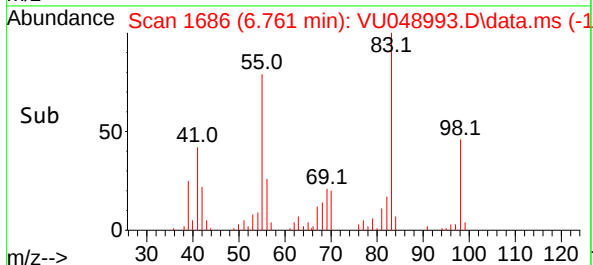
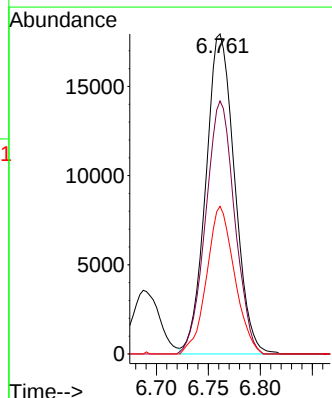
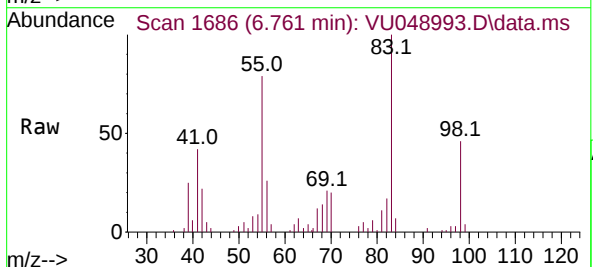
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.4	84.4
132	95.6	67.6	125.6
130	102.7	70.1	130.3

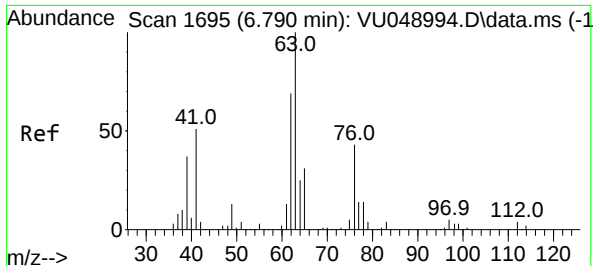


#35
Methylcyclohexane
Concen: 9.489 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion: 83 Resp: 34605

Ion	Ratio	Lower	Upper
83	100		
55	79.4	61.0	91.6
98	44.5	36.8	55.2

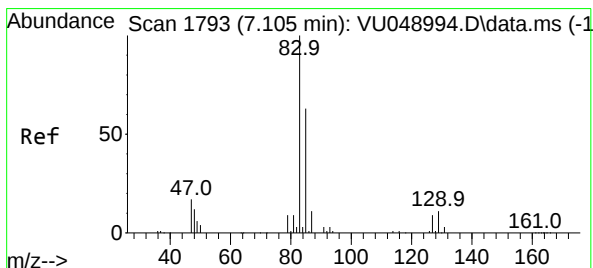
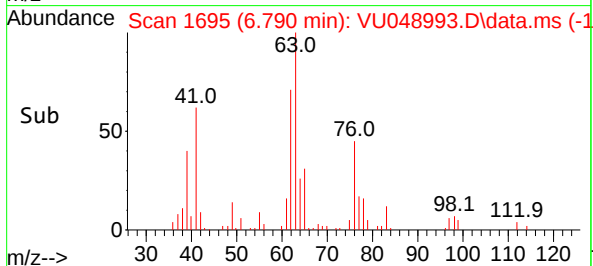
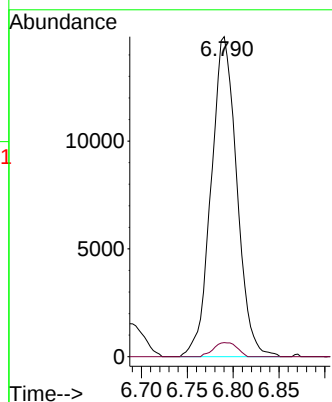
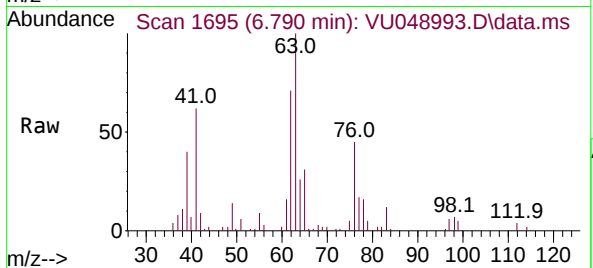




#37
1,2-Dichloropropane
Concen: 12.231 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

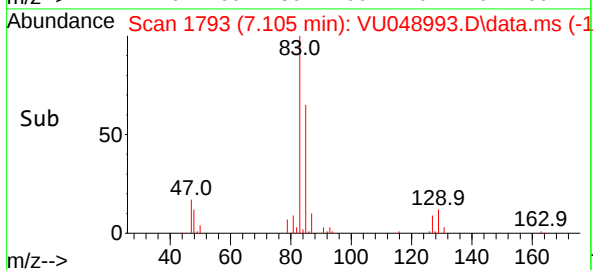
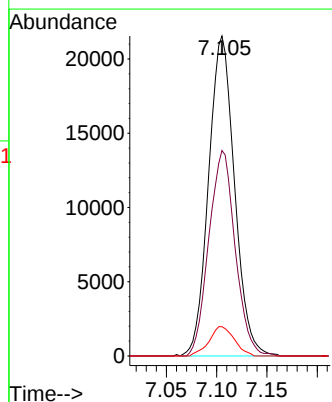
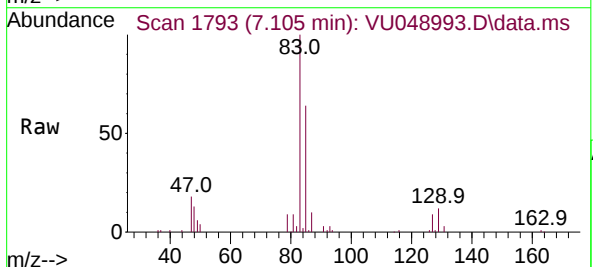
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

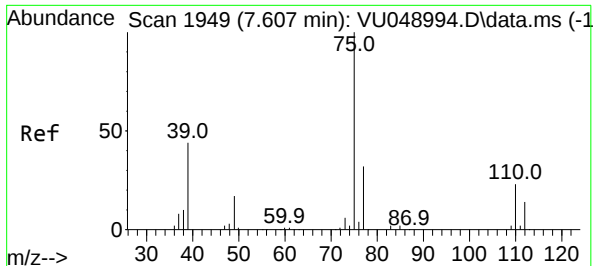
Tgt Ion: 63 Resp: 28964
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8



#38
Bromodichloromethane
Concen: 10.558 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion: 83 Resp: 38680
Ion Ratio Lower Upper
83 100
85 64.2 44.0 81.6
127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 9.915 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

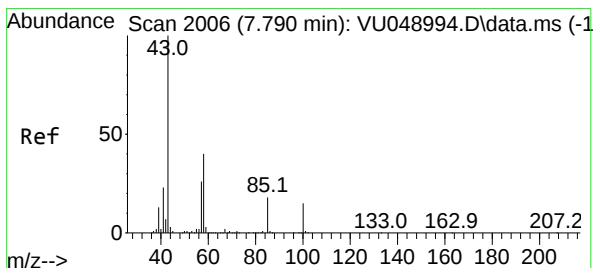
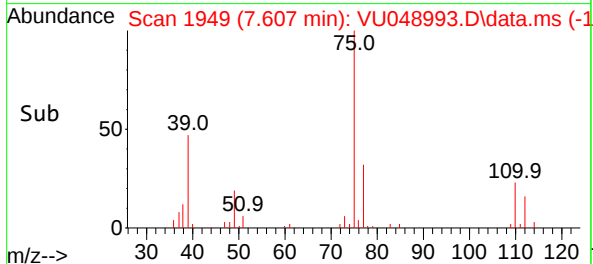
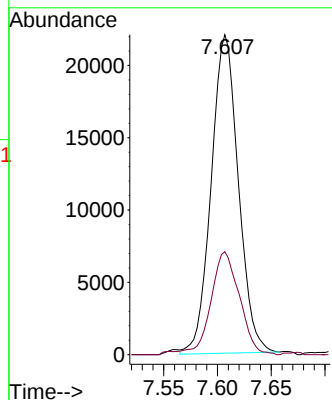
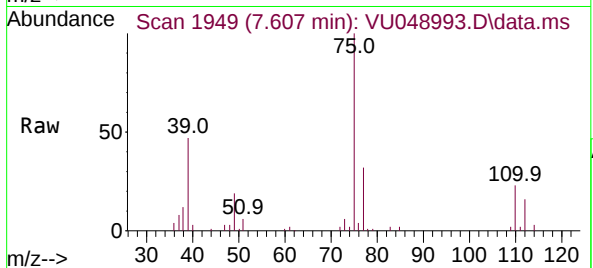
VSTD010075

Tgt Ion: 75 Resp: 38660

Ion Ratio Lower Upper

75 100

77 32.2 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 24.595 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

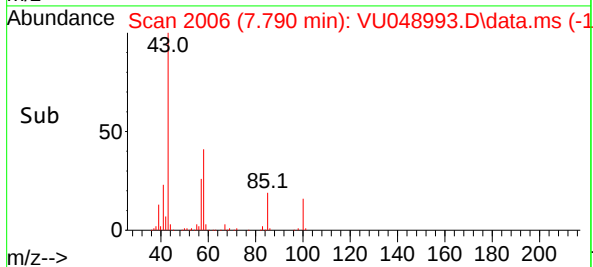
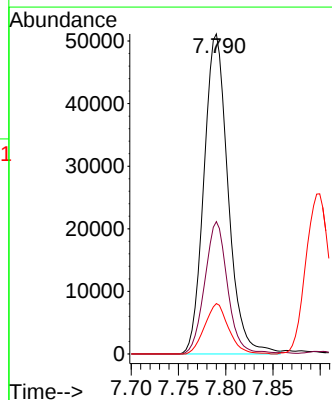
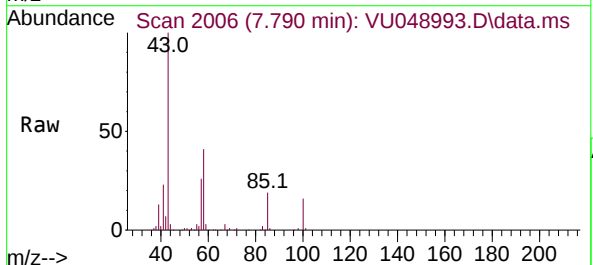
Tgt Ion: 43 Resp: 90917

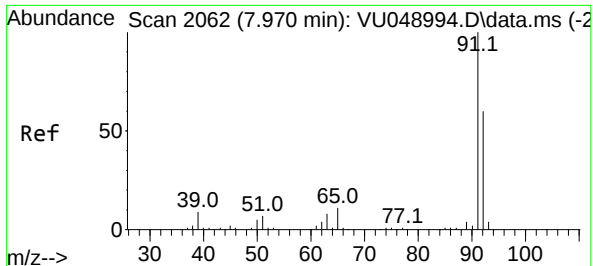
Ion Ratio Lower Upper

43 100

58 38.7 32.2 48.4

100 15.5 12.3 18.5





#42

Toluene

Concen: 10.604 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

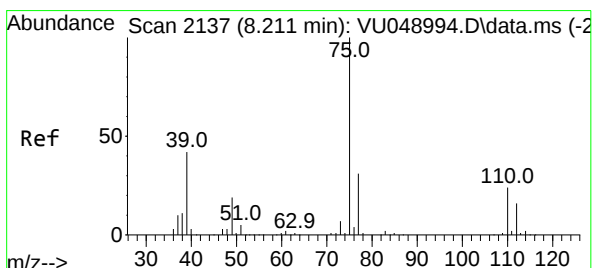
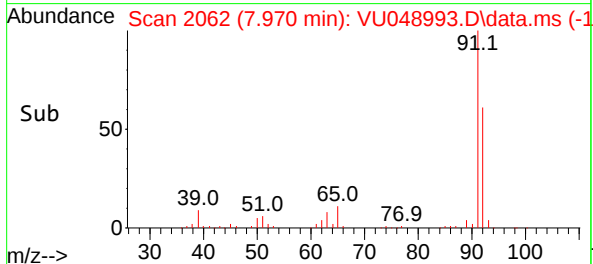
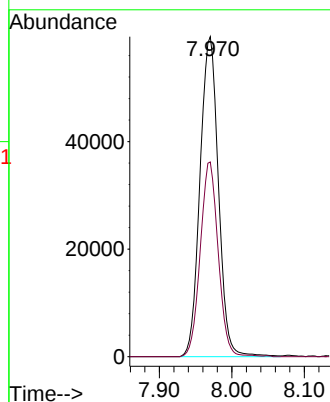
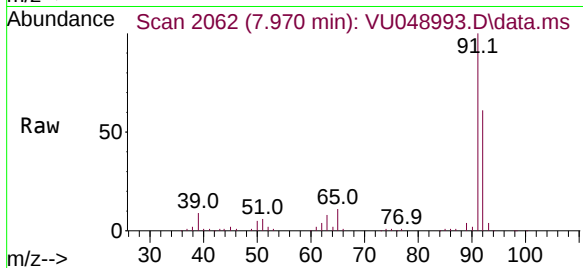
VSTD010075

Tgt Ion: 91 Resp: 104973

Ion Ratio Lower Upper

91 100

92 60.8 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 9.859 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048993.D

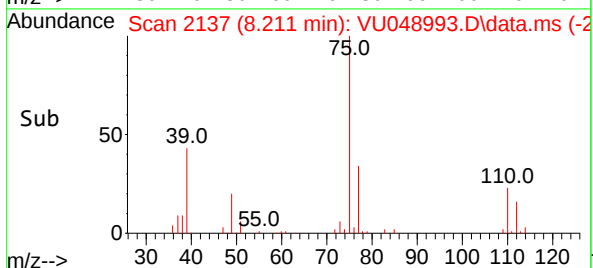
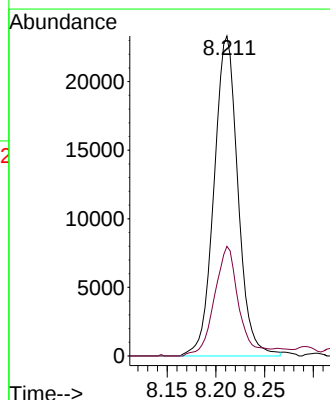
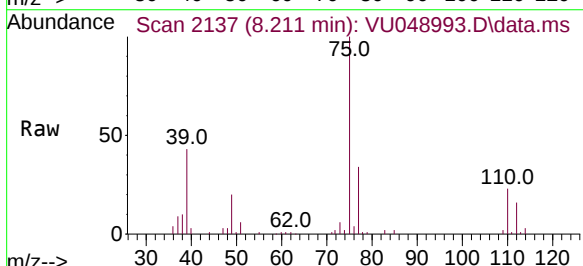
Acq: 10 Jun 2022 13:08

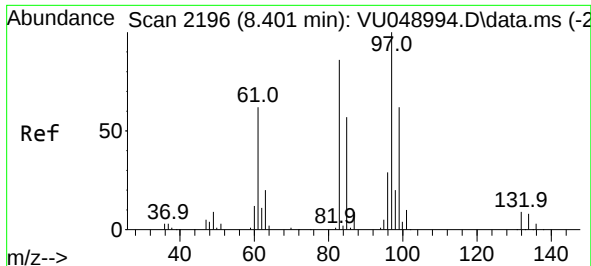
Tgt Ion: 75 Resp: 39822

Ion Ratio Lower Upper

75 100

77 34.3 21.9 40.7

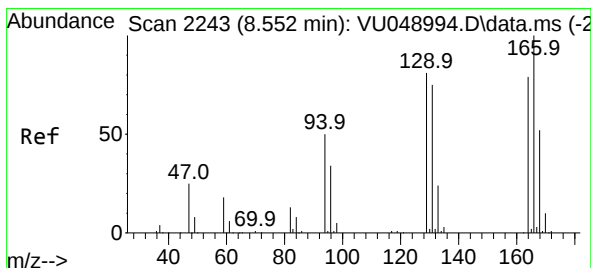
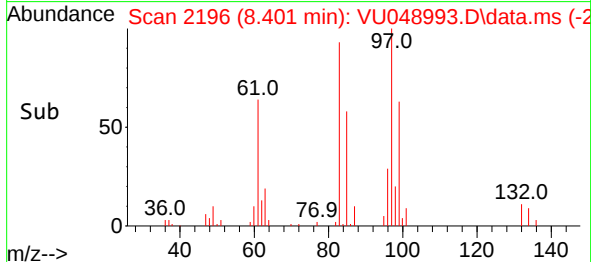
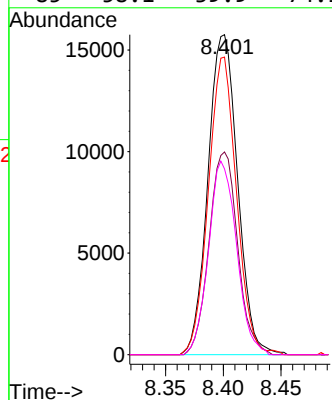
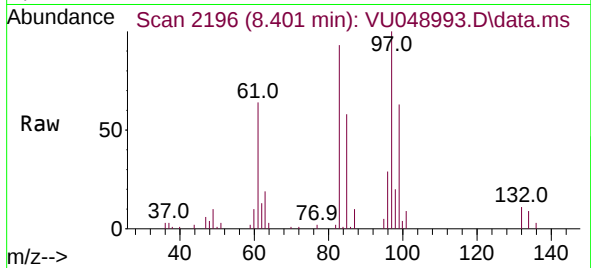




#45
1,1,2-Trichloroethane
Concen: 11.406 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

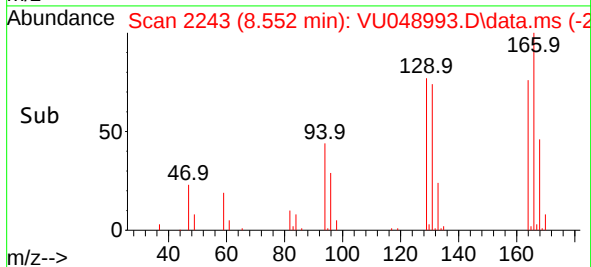
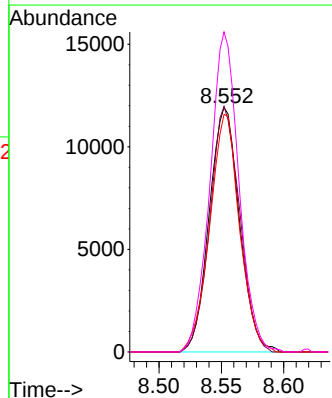
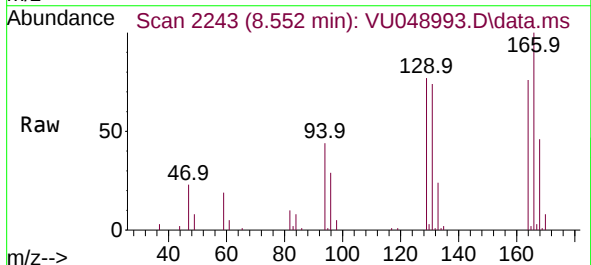
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

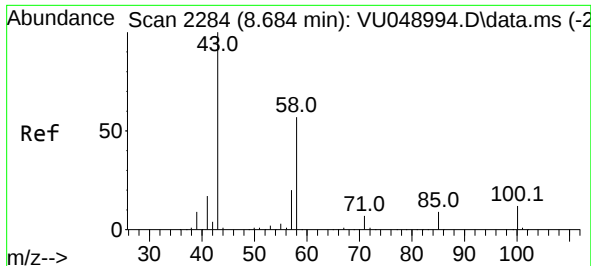
Tgt Ion: 97	Resp: 28173
Ion Ratio	Lower Upper
97 100	
99 63.3	43.5 80.9
83 93.0	60.3 112.1
85 58.1	39.9 74.1



#46
Tetrachloroethene
Concen: 9.929 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt	Ion:164	Resp:	20178
Ion	Ratio	Lower	Upper
164	100		
129	100.4	70.9	131.7
131	97.1	66.2	123.0
166	130.8	88.1	163.5

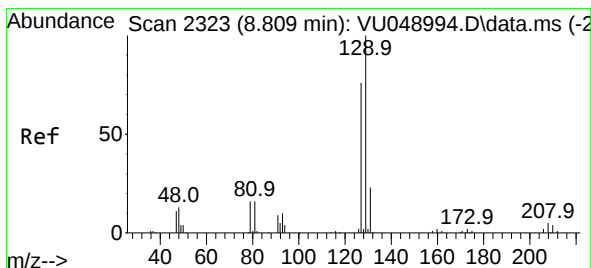
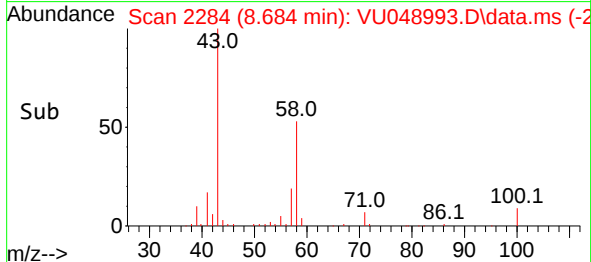
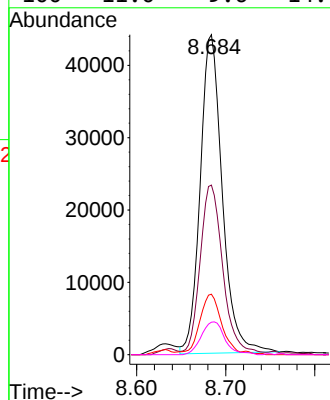
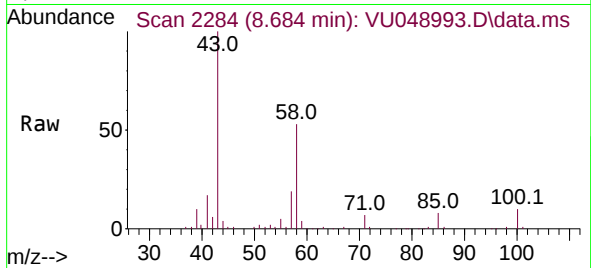




#48
2-Hexanone
Concen: 24.429 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

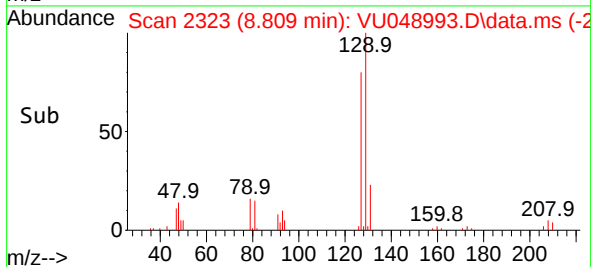
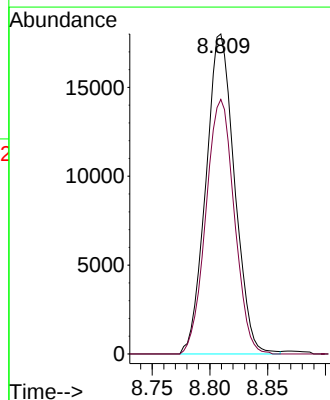
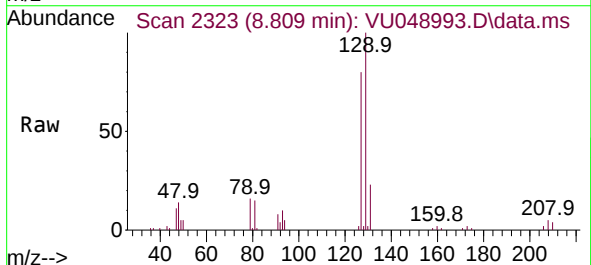
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

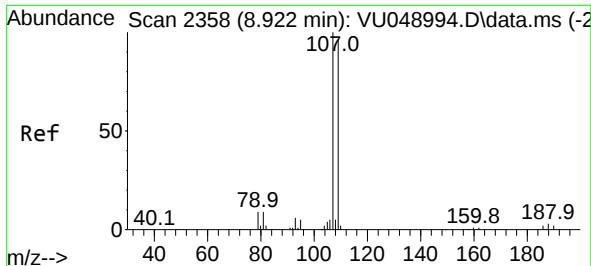
Tgt Ion: 43	Resp: 75855
Ion Ratio	Lower Upper
43 100	
58 55.1	45.8 68.8
57 18.4	16.2 24.4
100 11.0	9.6 14.4



#49
Dibromochloromethane
Concen: 10.088 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion:129	Resp: 31097		
Ion Ratio	Lower	Upper	
129 100			
127 79.5	53.5	99.5	

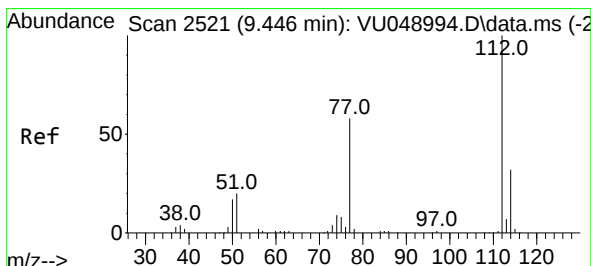
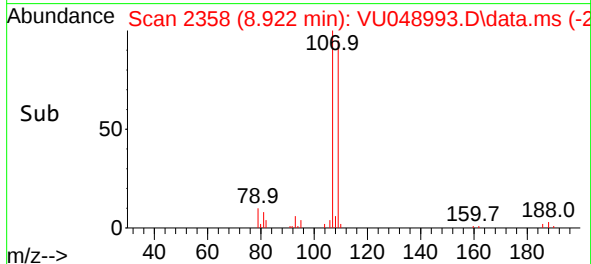
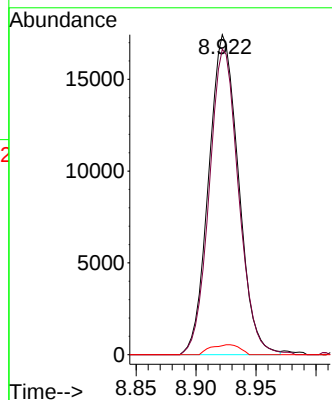
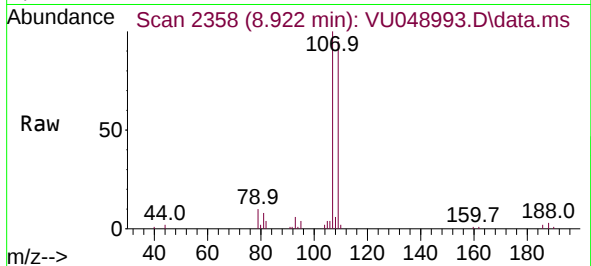




#50
1,2-Dibromoethane
Concen: 10.757 ug/L
RT: 8.922 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

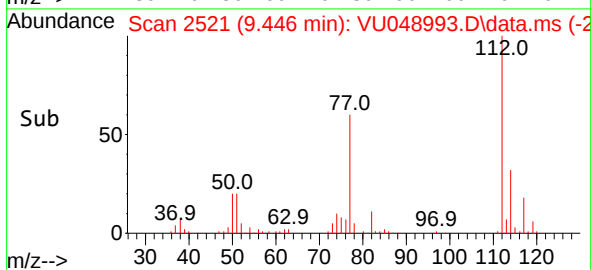
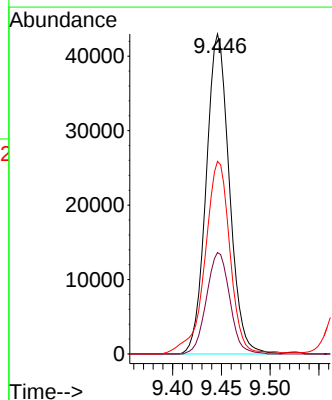
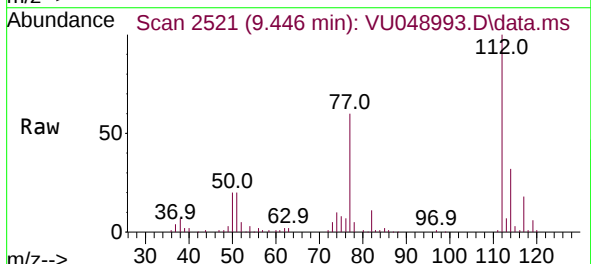
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

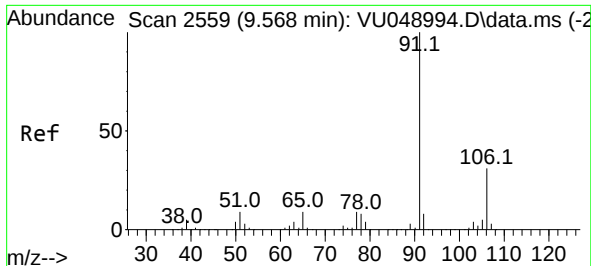
Tgt Ion:	107	Resp:	30136
Ion	Ratio	Lower	Upper
107	100		
109	95.5	67.2	124.8
188	2.8	2.7	4.1



#51
Chlorobenzene
Concen: 10.287 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion:	112	Resp:	71051
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.3	41.3
77	60.2	47.1	70.7

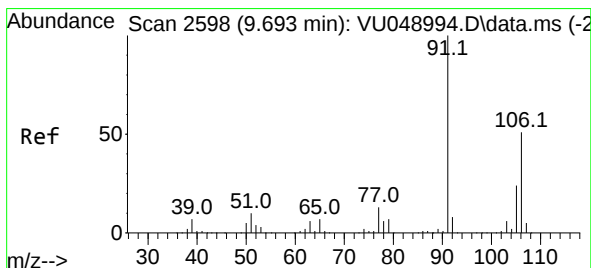
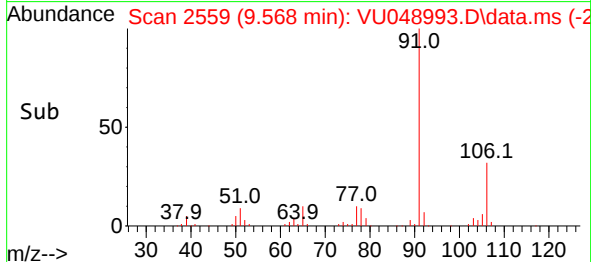
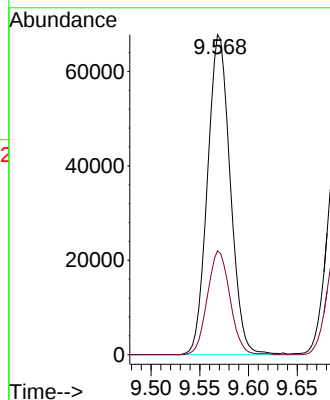
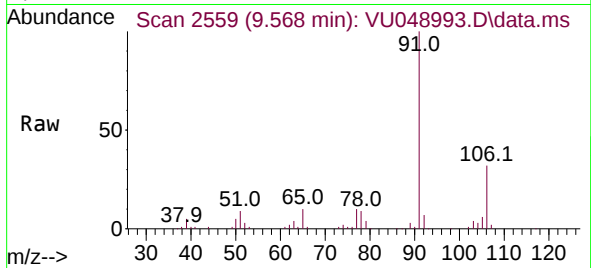




#52
Ethylbenzene
Concen: 9.757 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

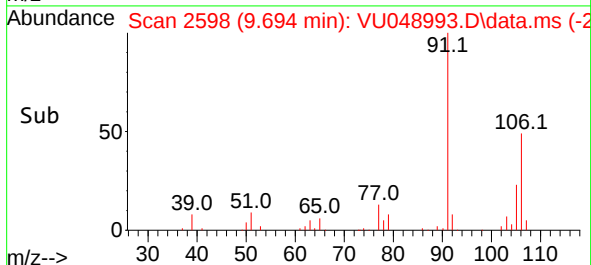
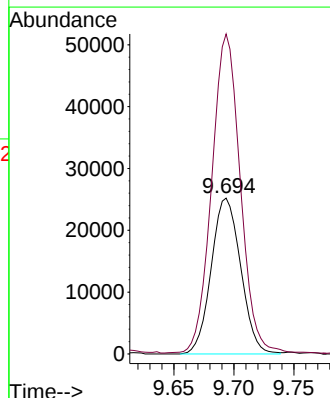
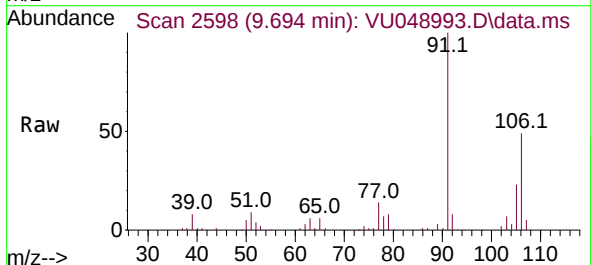
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

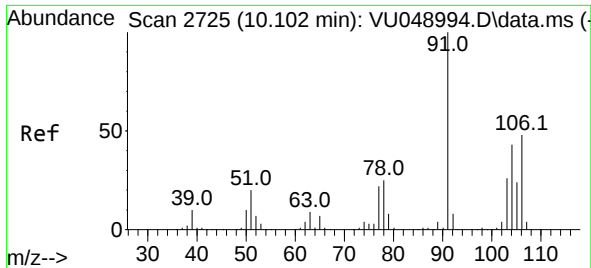
Tgt Ion: 91 Resp: 110187
Ion Ratio Lower Upper
91 100
106 32.5 21.6 40.2



#53
m,p-Xylene
Concen: 9.506 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion: 106 Resp: 43033
Ion Ratio Lower Upper
106 100
91 205.4 137.4 255.2

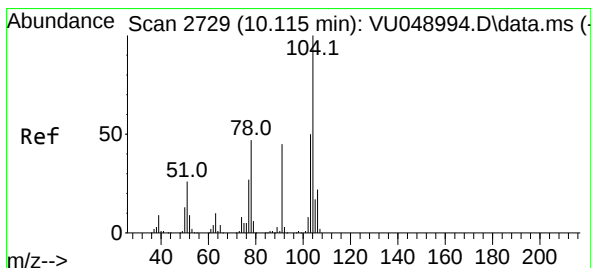
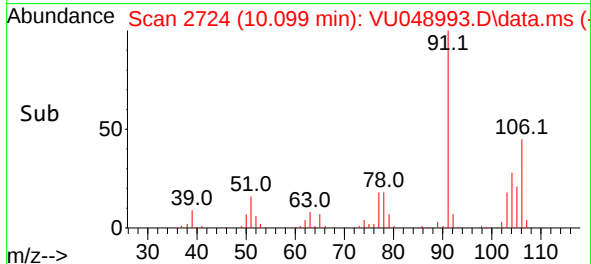
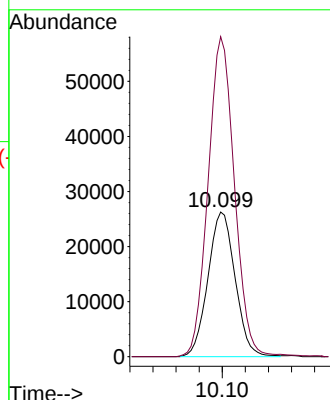
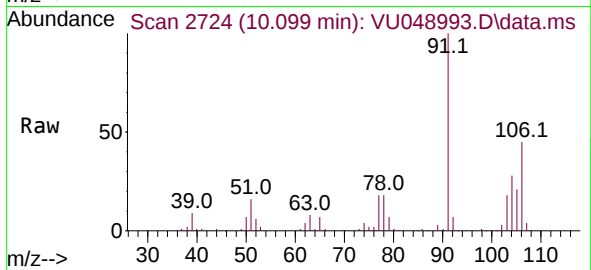




#54
o-Xylene
Concen: 9.834 ug/L
RT: 10.099 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

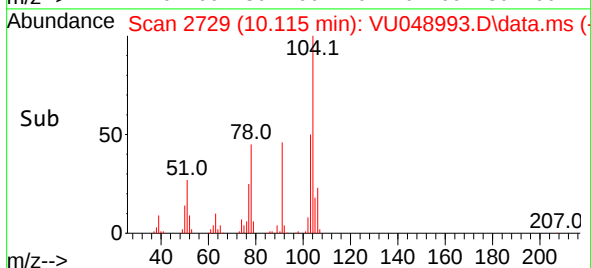
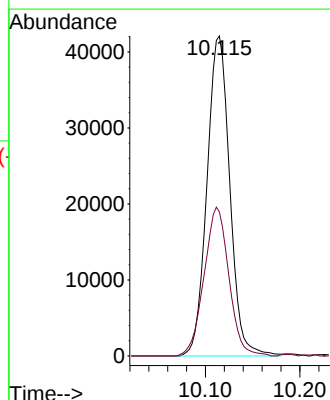
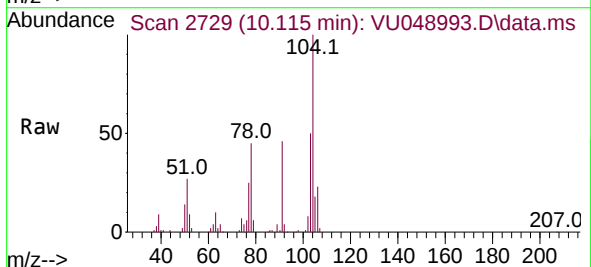
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

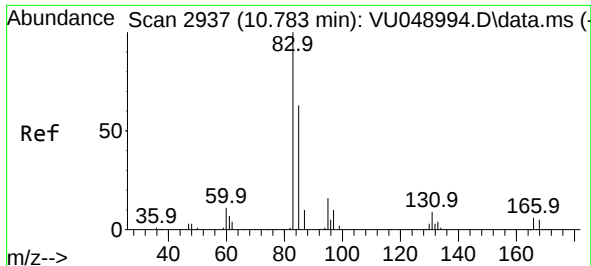
Tgt Ion:106 Resp: 42883
Ion Ratio Lower Upper
106 100
91 221.2 145.2 269.6



#55
Styrene
Concen: 9.378 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion:104 Resp: 70677
Ion Ratio Lower Upper
104 100
78 45.0 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 11.515 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD010075

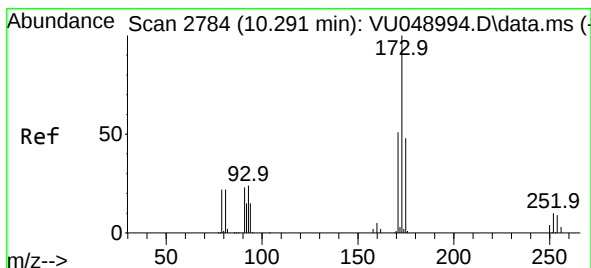
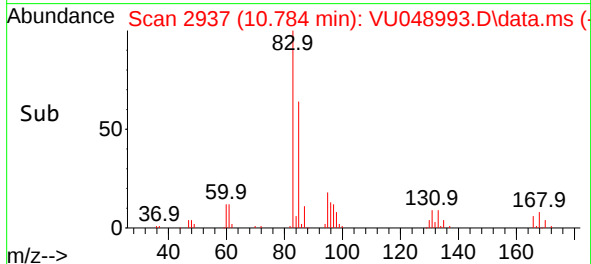
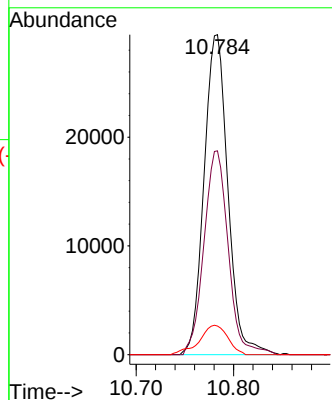
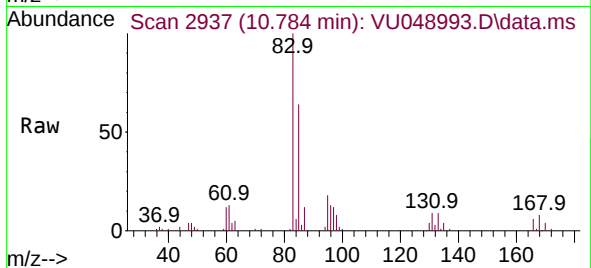
Tgt Ion: 83 Resp: 49953

Ion Ratio Lower Upper

83 100

85 63.7 44.5 82.7

131 9.0 7.6 11.4



#59

Bromoform

Concen: 11.511 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

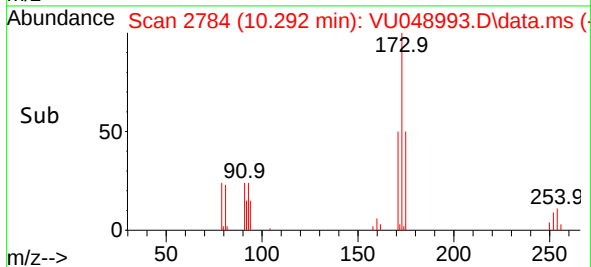
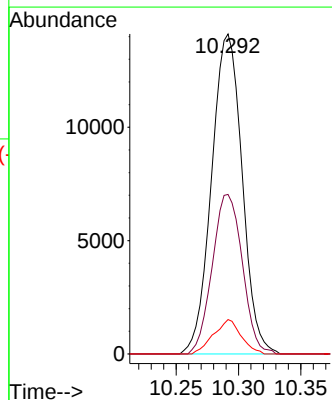
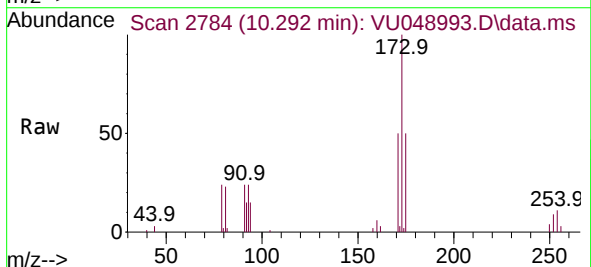
Tgt Ion: 173 Resp: 24095

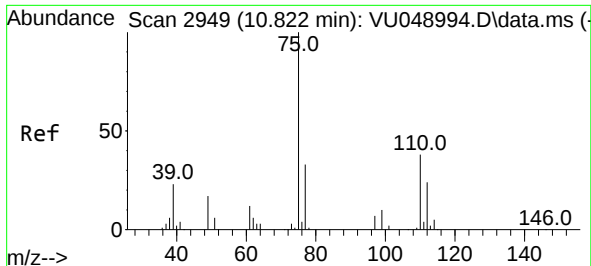
Ion Ratio Lower Upper

173 100

175 49.0 37.8 56.8

254 9.7 7.2 10.8

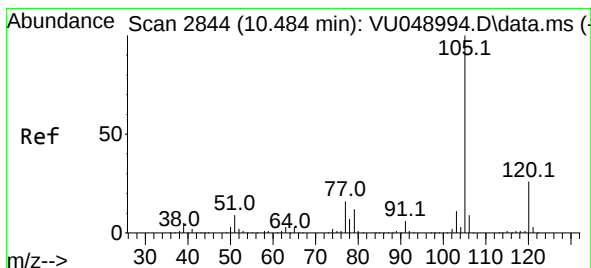
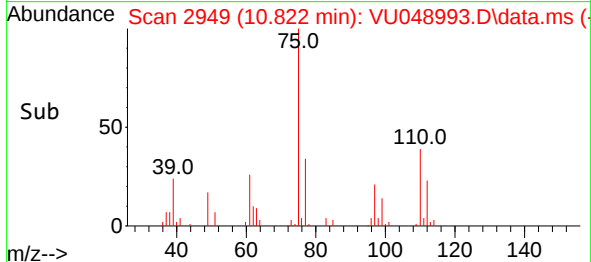
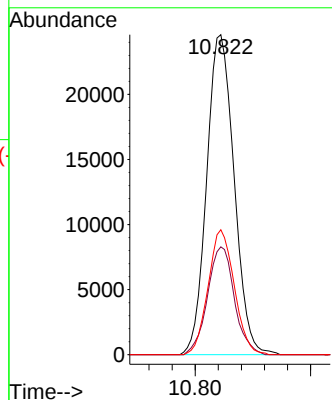
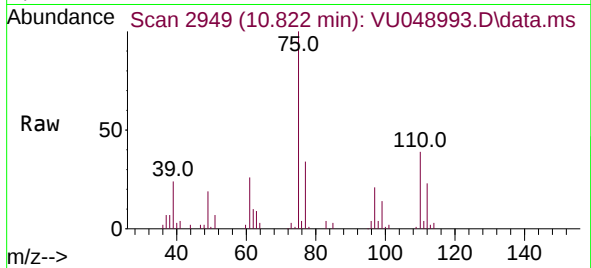




#60
1,2,3-Trichloropropane
Concen: 13.036 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

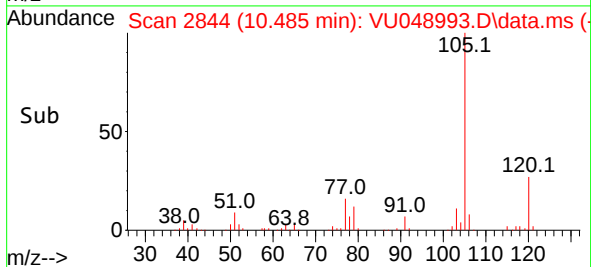
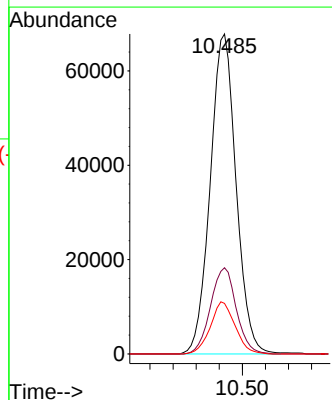
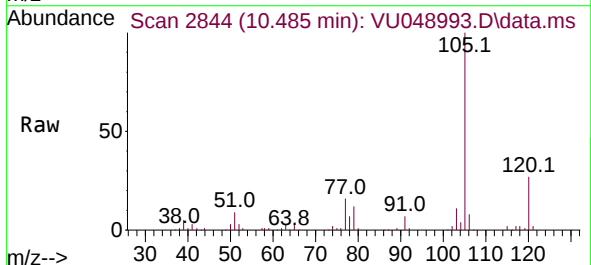
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

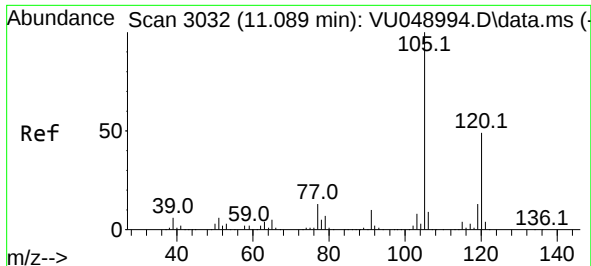
Tgt Ion:	75	Resp:	40589
Ion Ratio	Lower	Upper	
75	100		
77	33.0	26.6	40.0
110	37.2	30.2	45.4



#61
Isopropylbenzene
Concen: 11.127 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion:	105	Resp:	105430
Ion Ratio	Lower	Upper	
105	100		
120	26.8	21.1	31.7
77	15.6	12.7	19.1





#62

1,3,5-Trimethylbenzene

Concen: 14.265 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

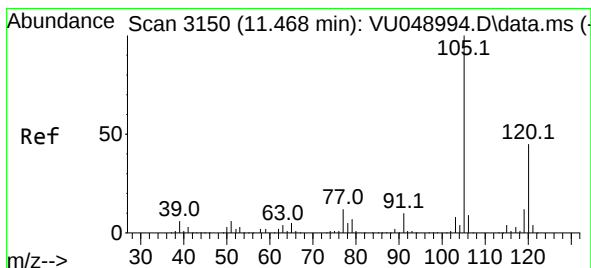
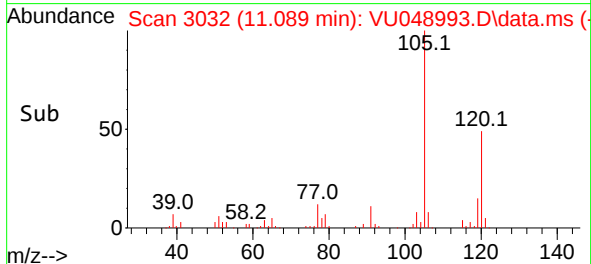
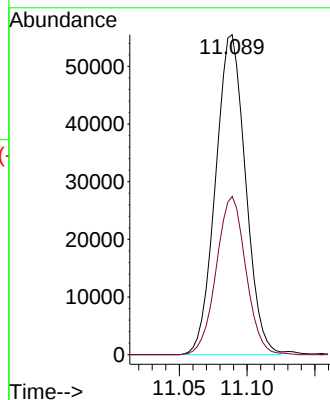
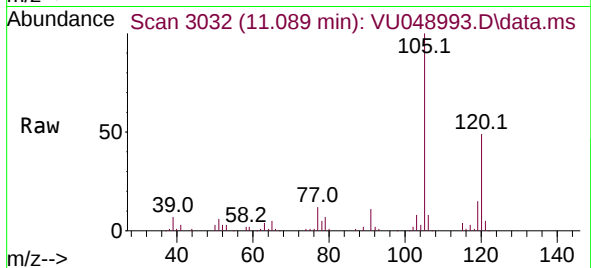
VSTD010075

Tgt Ion:105 Resp: 85331

Ion Ratio Lower Upper

105 100

120 48.7 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 8.241 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048993.D

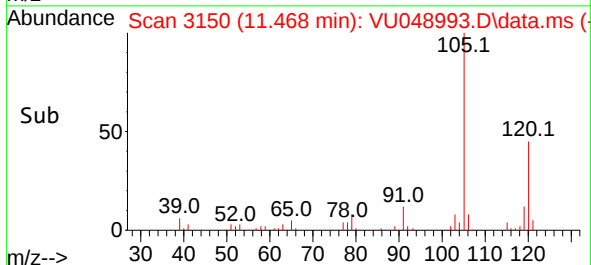
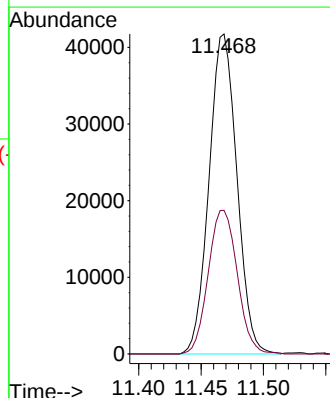
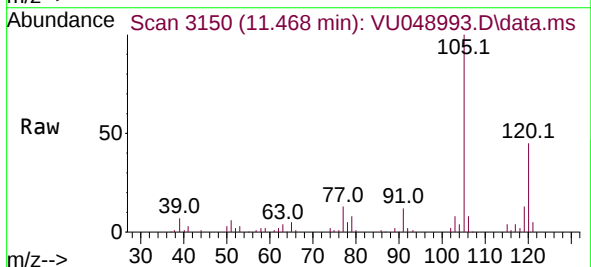
Acq: 10 Jun 2022 13:08

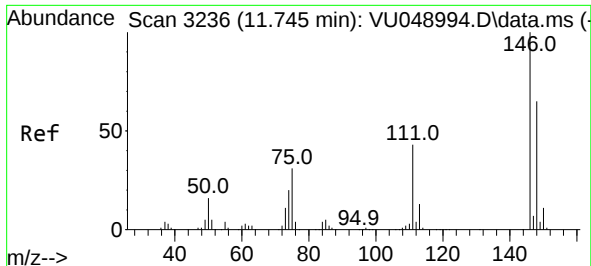
Tgt Ion:105 Resp: 64995

Ion Ratio Lower Upper

105 100

120 46.8 36.3 54.5

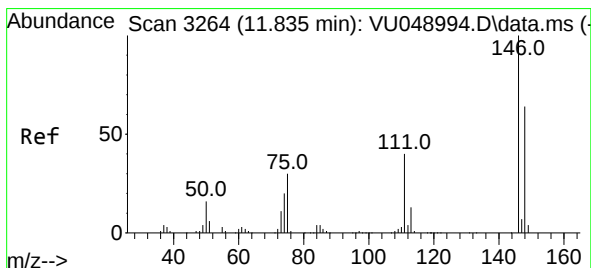
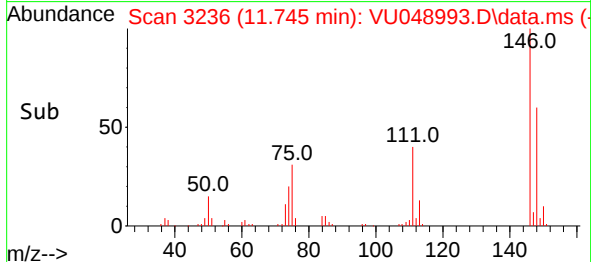
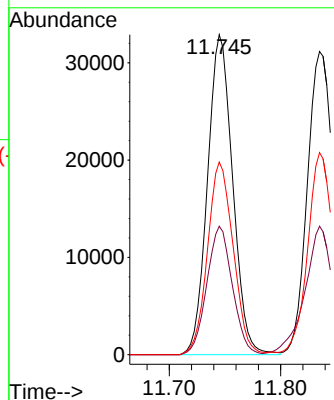
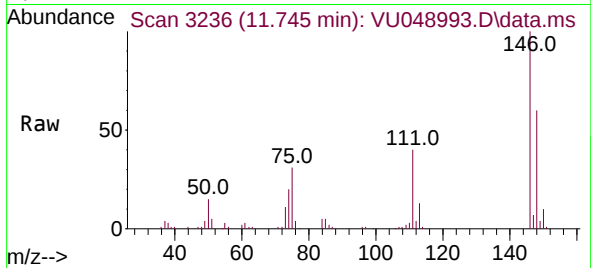




#64
1,3-Dichlorobenzene
Concen: 10.766 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

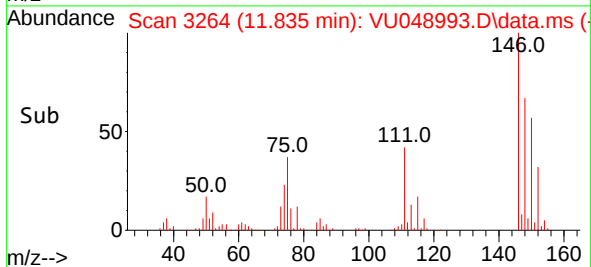
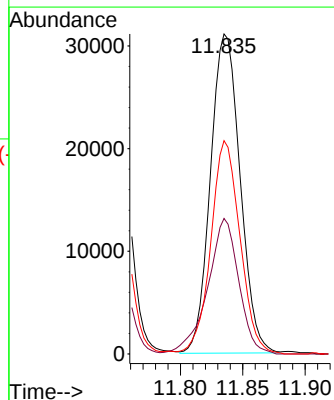
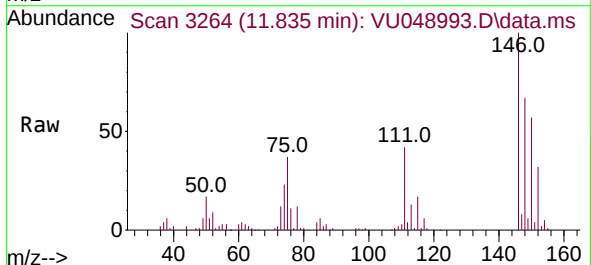
Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

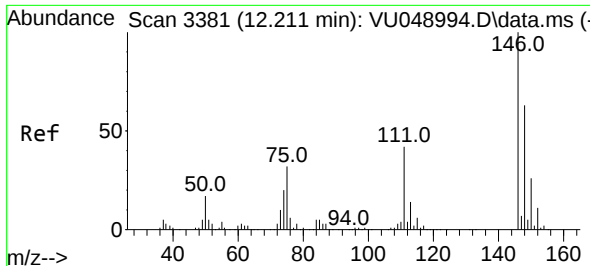
Tgt Ion:146 Resp: 51695
Ion Ratio Lower Upper
146 100
111 40.1 29.8 55.3
148 60.2 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 10.347 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion:146 Resp: 51517
Ion Ratio Lower Upper
146 100
111 42.3 28.1 52.1
148 66.6 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 10.792 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD010075

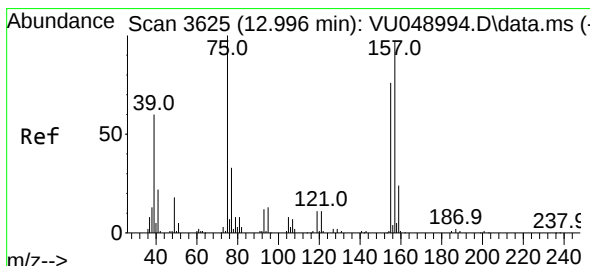
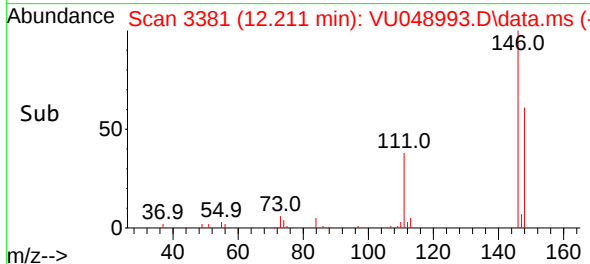
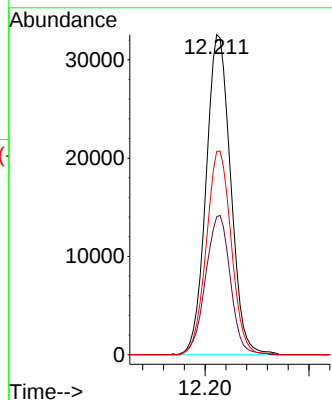
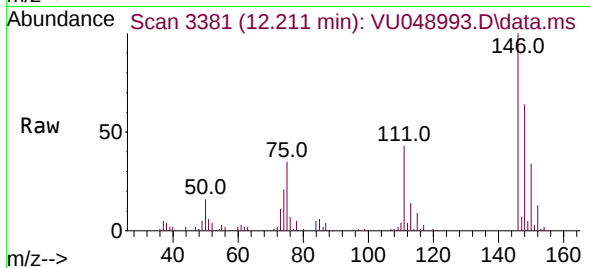
Tgt Ion:146 Resp: 53442

Ion Ratio Lower Upper

146 100

111 43.1 33.9 50.9

148 63.5 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 11.687 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

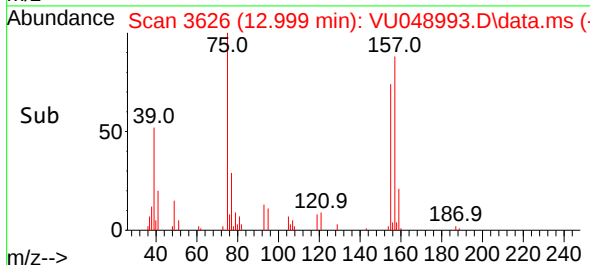
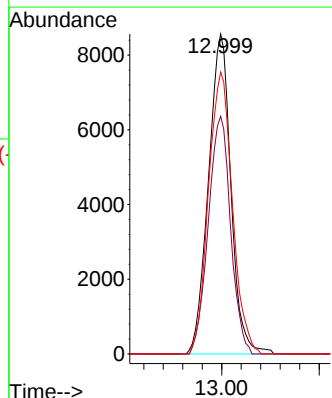
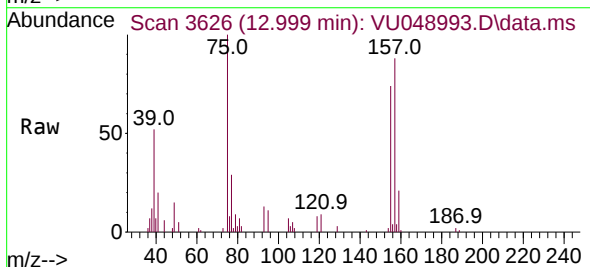
Tgt Ion: 75 Resp: 13689

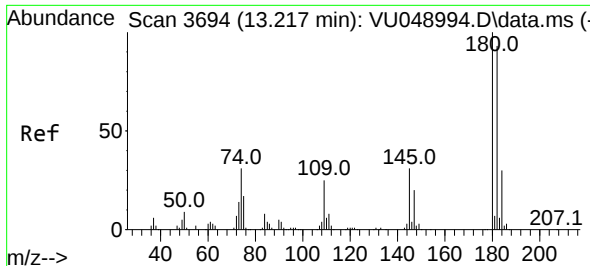
Ion Ratio Lower Upper

75 100

155 74.2 61.0 91.6

157 88.1 77.6 116.4





#69

1,3,5-Trichlorobenzene

Concen: 9.360 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.003 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD010075

Tgt Ion:180 Resp: 35216

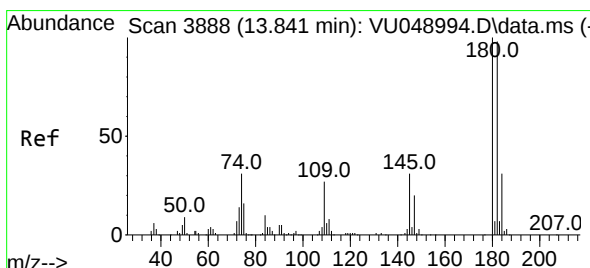
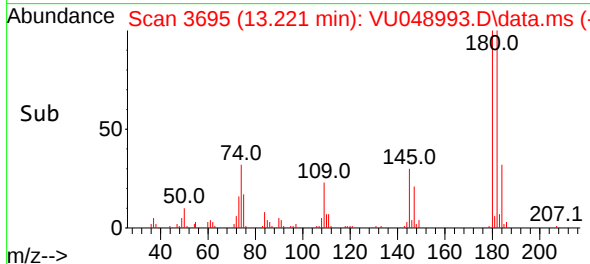
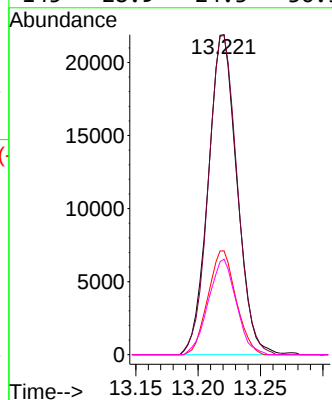
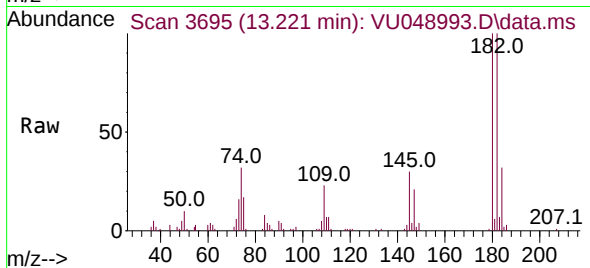
Ion Ratio Lower Upper

180 100

182 99.4 76.0 114.0

184 31.5 24.5 36.7

145 28.9 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 8.369 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048993.D

Acq: 10 Jun 2022 13:08

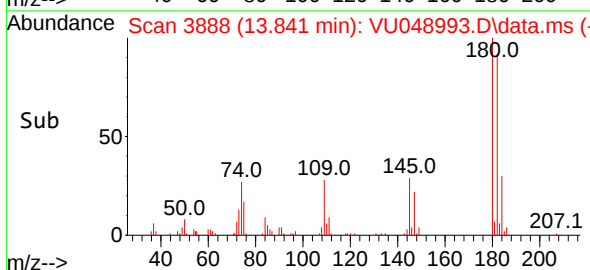
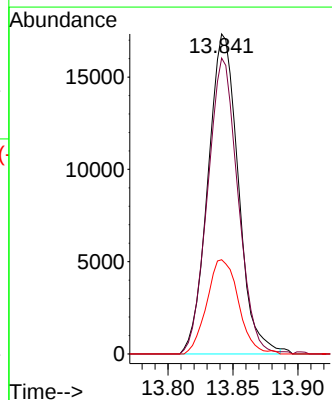
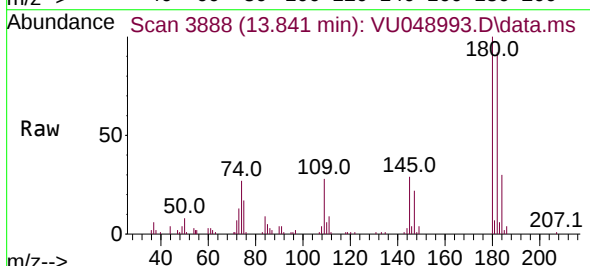
Tgt Ion:180 Resp: 28135

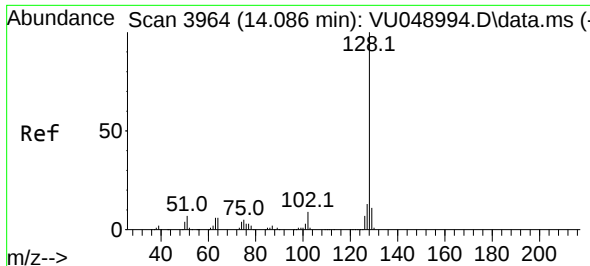
Ion Ratio Lower Upper

180 100

182 92.0 78.2 117.2

145 30.5 25.0 37.4

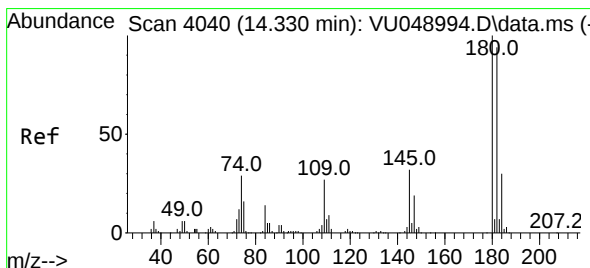
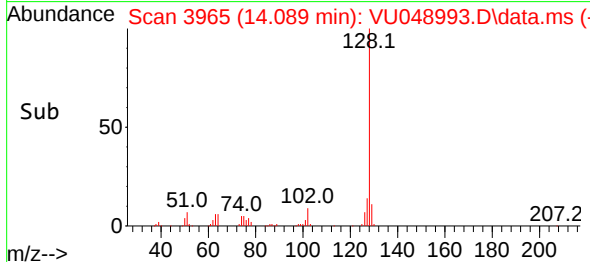
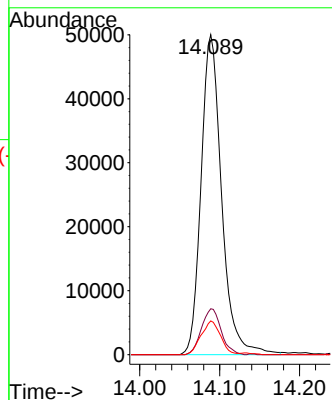
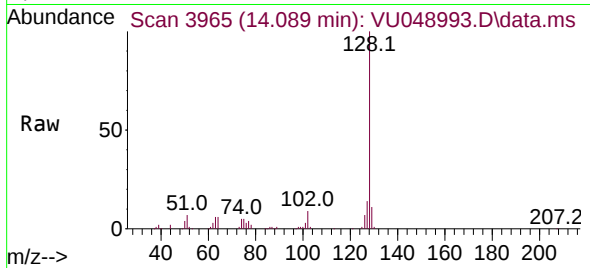




#71
Naphthalene
Concen: 7.973 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD010075

Tgt Ion:128 Resp: 89547
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 10.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 8.663 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048993.D
Acq: 10 Jun 2022 13:08

Tgt Ion:180 Resp: 29566
Ion Ratio Lower Upper
180 100
182 98.3 77.3 115.9
145 33.3 26.3 39.5

