

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048452.D
 Acq On : 06 May 2022 13:24
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005062

Quant Time: May 06 23:20:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:19:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	403501	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	385333	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	179052	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17773	4.863	ug/L	0.00
7) Chloroethane-d5	1.913	69	12640	4.987	ug/L	0.01
11) 1,1-Dichloroethene-d2	2.572	63	31889	5.349	ug/L	0.00
21) 2-Butanone-d5	4.633	46	27657	8.932	ug/L	0.01
24) Chloroform-d	5.067	84	30297	4.607	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	19832	4.986	ug/L	0.00
32) Benzene-d6	5.733	84	60235	5.012	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.691	67	18891	4.738	ug/L	0.00
41) Toluene-d8	7.900	98	49687	4.589	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.183	79	8386	4.756	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	14650	7.118	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28496	4.213	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	19508	4.982	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	20772	6.702	ug/L	97
3) Chloromethane	1.524	50	24182	6.786	ug/L	96
5) Vinyl chloride	1.604	62	21993	6.220	ug/L	94
6) Bromomethane	1.858	94	12088	7.026	ug/L	100
8) Chloroethane	1.935	64	13201	6.725	ug/L	97
9) Trichlorofluoromethane	2.141	101	29152	6.353	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.582	101	17460	5.858	ug/L	98
12) 1,1-Dichloroethene	2.582	96	15405	5.826	ug/L	98
13) Acetone	2.630	43	32799	16.289	ug/L	95
14) Carbon disulfide	2.794	76	48607	7.173	ug/L	99
15) Methyl Acetate	2.955	43	25115	6.199	ug/L	99
16) Methylene chloride	3.048	84	18870	5.619	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	16075	5.820	ug/L	88
18) Methyl tert-butyl Ether	3.363	73	52444	5.773	ug/L	99
19) 1,1-Dichloroethane	3.877	63	34416	5.992	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	18489	5.685	ug/L	99
22) 2-Butanone	4.710	43	36069	12.118	ug/L	99
23) Bromochloromethane	4.980	128	10609	5.912	ug/L	88
25) Chloroform	5.093	83	33564	5.769	ug/L	97
27) 1,2-Dichloroethane	5.797	62	28398	6.518	ug/L	100
29) Cyclohexane	5.389	56	27603	7.071	ug/L	99
30) 1,1,1-Trichloroethane	5.318	97	29876	6.681	ug/L	99
31) Carbon tetrachloride	5.530	117	25048	6.567	ug/L	95
33) Benzene	5.778	78	74567	6.484	ug/L	100
34) Trichloroethene	6.546	95	18756	6.640	ug/L	99
35) Methylcyclohexane	6.765	83	27215	6.647	ug/L	98
37) 1,2-Dichloropropane	6.694	63	2008	0.615	ug/L	98
38) Bromodichloromethane	7.106	83	24872	6.061	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	26717	5.775	ug/L	97
40) 4-Methyl-2-pentanone	7.794	43	60336	12.296	ug/L	99
42) Toluene	7.970	91	73830	6.156	ug/L	98
44) trans-1,3-Dichloropropene	8.212	75	25838	5.765	ug/L	98

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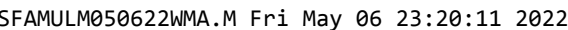
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005062

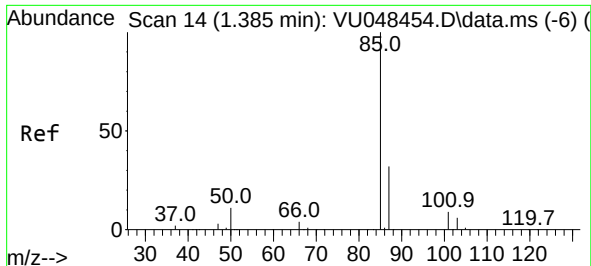
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	18565	5.621	ug/L	99
46) Tetrachloroethene	8.556	164	13446	5.701	ug/L	98
48) 2-Hexanone	8.684	43	53185	13.046	ug/L	97
49) Dibromochloromethane	8.813	129	18844	5.195	ug/L	95
50) 1,2-Dibromoethane	8.925	107	19099	5.610	ug/L	99
51) Chlorobenzene	9.449	112	47711	5.644	ug/L	97
52) Ethylbenzene	9.572	91	72746	5.841	ug/L	97
53) m,p-Xylene	9.697	106	27245	5.609	ug/L	99
54) o-Xylene	10.102	106	27187	5.564	ug/L	100
55) Styrene	10.115	104	41834	5.102	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	32653	5.046	ug/L	100
59) Bromoform	10.292	173	14190	5.619	ug/L	95
60) 1,2,3-Trichloropropane	10.822	75	27567	6.578	ug/L	98
61) Isopropylbenzene	10.485	105	65779	6.449	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	35653	6.583	ug/L	98
63) 1,2,4-Trimethylbenzene	11.469	105	49627	6.024	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	33765	6.132	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	34623	6.132	ug/L	96
67) 1,2-Dichlorobenzene	12.215	146	34826	5.986	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	7638	6.721	ug/L	97
69) 1,3,5-Trichlorobenzene	13.218	180	24641	6.071	ug/L	97
70) 1,2,4-trichlorobenzene	13.842	180	23841	7.387	ug/L	96
71) Naphthalene	14.089	128	111612	11.736	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	26595	8.032	ug/L	95

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

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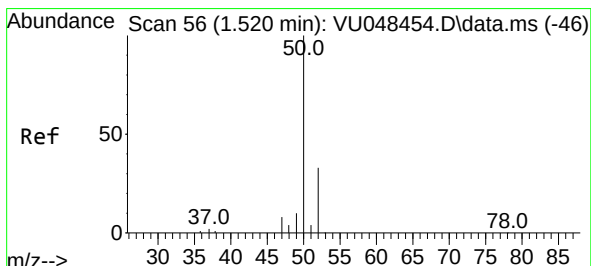
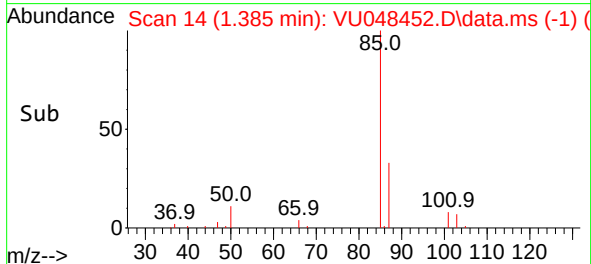
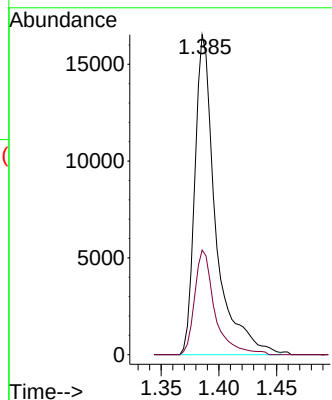
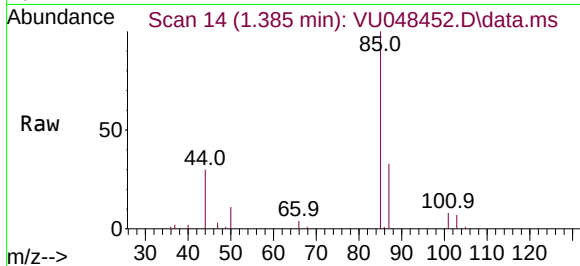




#2
Dichlorodifluoromethane
Concen: 6.702 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

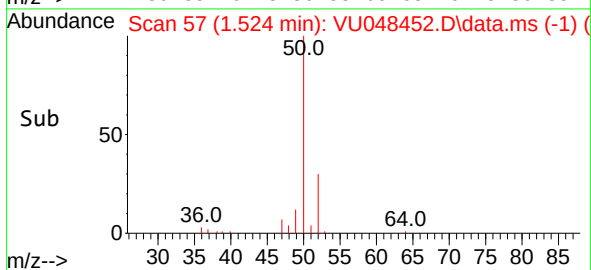
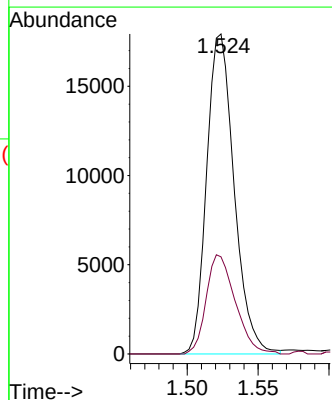
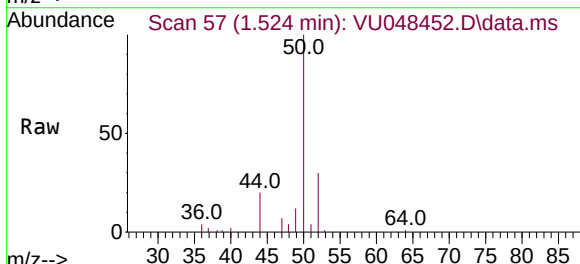
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

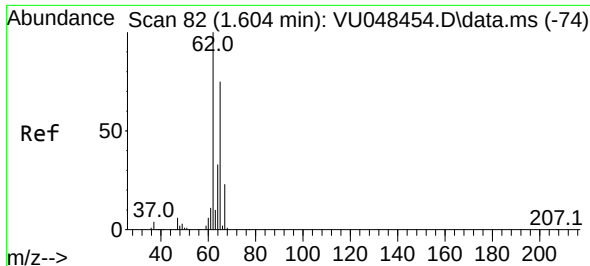
Tgt Ion: 85 Resp: 20772
Ion Ratio Lower Upper
85 100
87 31.3 26.2 39.4



#3
Chloromethane
Concen: 6.786 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion: 50 Resp: 24182
Ion Ratio Lower Upper
50 100
52 30.4 23.0 42.8

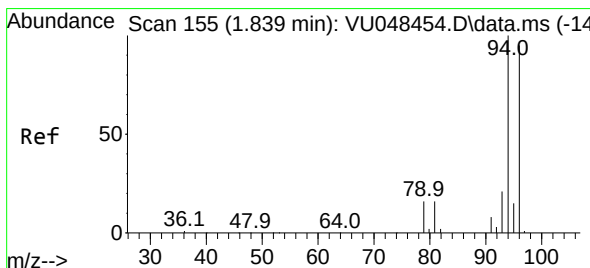
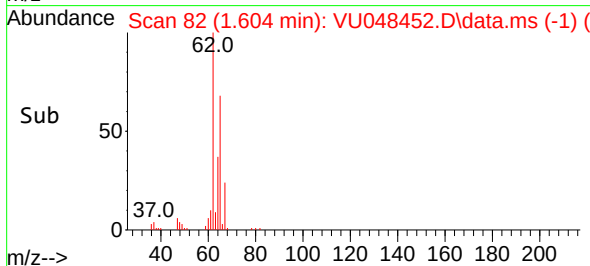
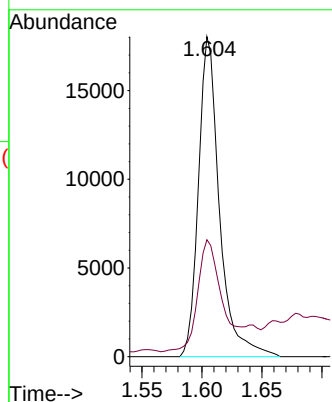
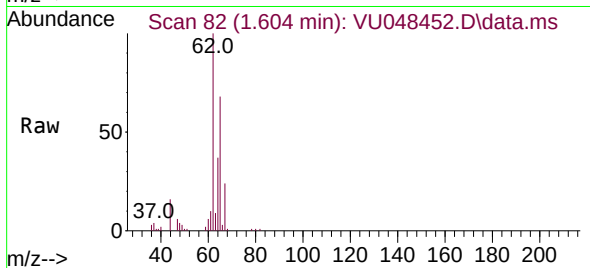




#5
 Vinyl chloride
 Concen: 6.220 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048452.D
 Acq: 06 May 2022 13:24

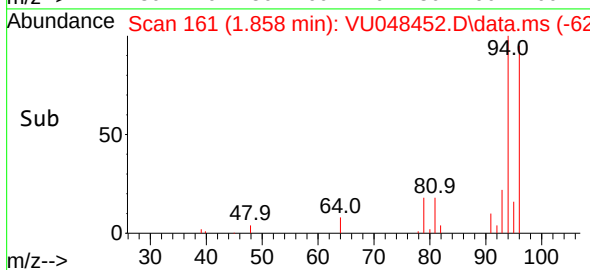
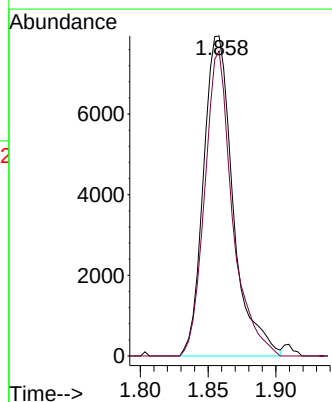
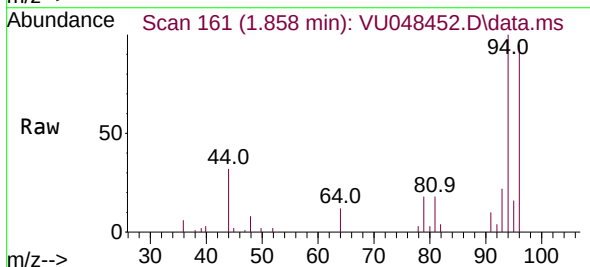
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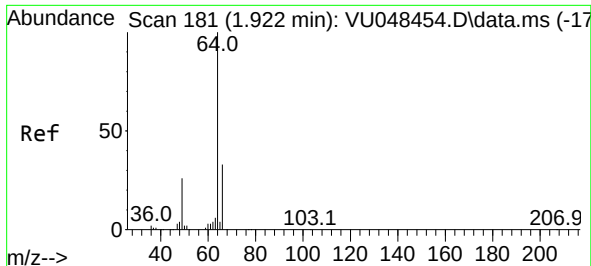
Tgt Ion: 62 Resp: 21993
 Ion Ratio Lower Upper
 62 100
 64 36.6 23.2 43.0



#6
 Bromomethane
 Concen: 7.026 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.020 min
 Lab File: VU048452.D
 Acq: 06 May 2022 13:24

Tgt Ion: 94 Resp: 12088
 Ion Ratio Lower Upper
 94 100
 96 95.3 66.5 123.5

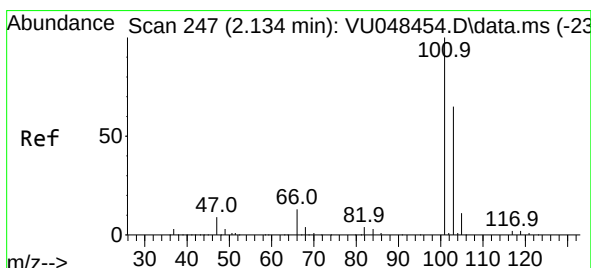
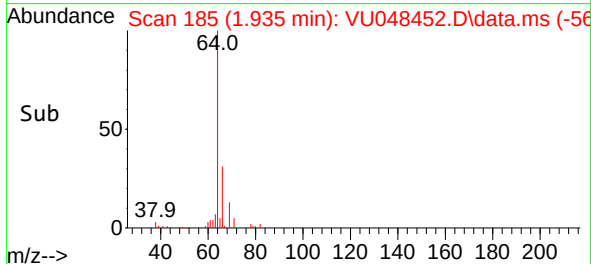
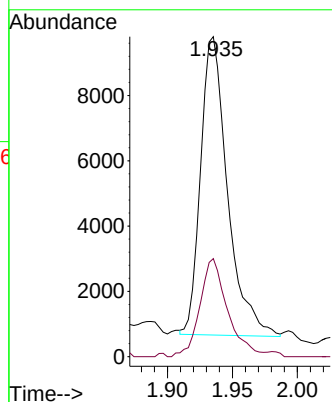
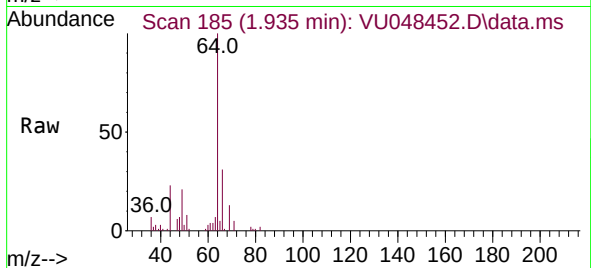




#8
Chloroethane
Concen: 6.725 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.013 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

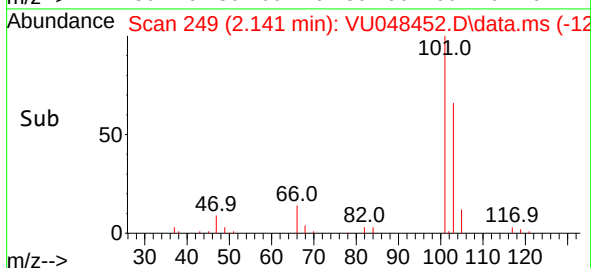
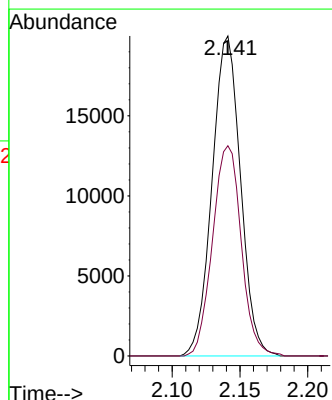
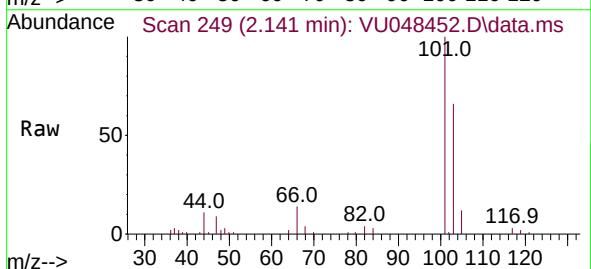
Instrument :
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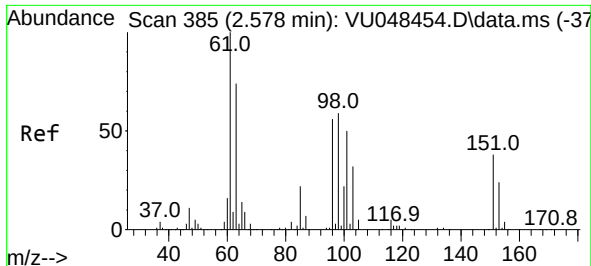
Tgt Ion: 64 Resp: 13201
Ion Ratio Lower Upper
64 100
66 30.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 6.353 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.007 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion: 101 Resp: 29152
Ion Ratio Lower Upper
101 100
103 66.3 52.0 78.0

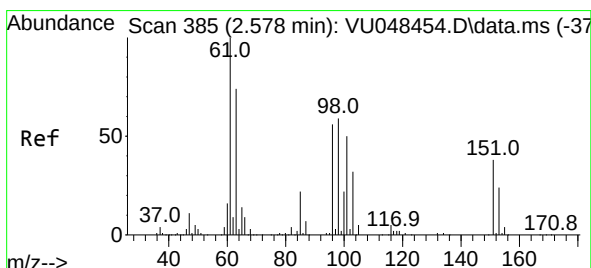
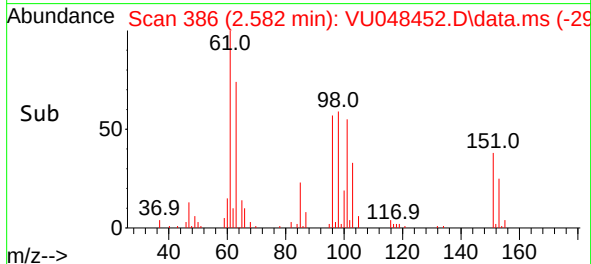
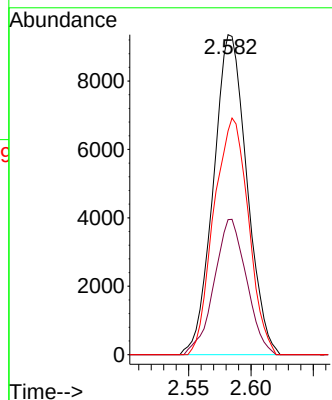
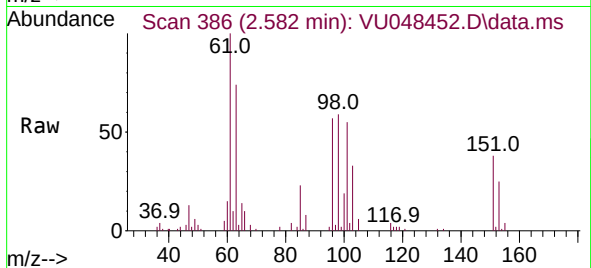




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.858 ug/L
 RT: 2.582 min Scan# 386
 Delta R.T. 0.004 min
 Lab File: VU048452.D
 Acq: 06 May 2022 13:24

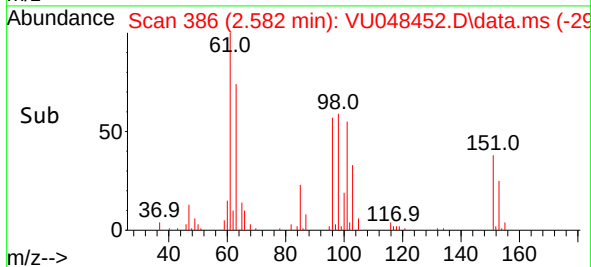
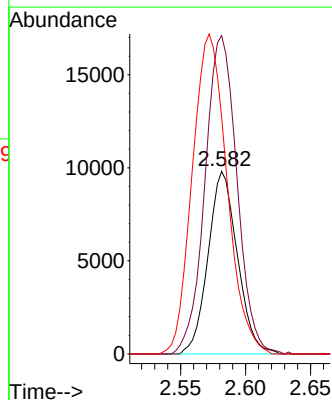
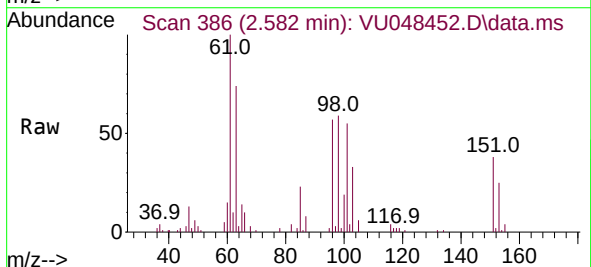
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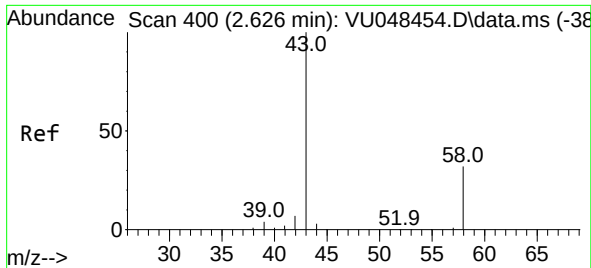
Tgt Ion:101 Resp: 17460
 Ion Ratio Lower Upper
 101 100
 85 40.9 34.8 52.2
 151 76.4 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 5.826 ug/L
 RT: 2.582 min Scan# 386
 Delta R.T. 0.004 min
 Lab File: VU048452.D
 Acq: 06 May 2022 13:24

Tgt Ion: 96 Resp: 15405
 Ion Ratio Lower Upper
 96 100
 61 174.3 124.5 231.3
 63 129.9 92.5 171.9





#13

Acetone

Concen: 16.289 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.004 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :

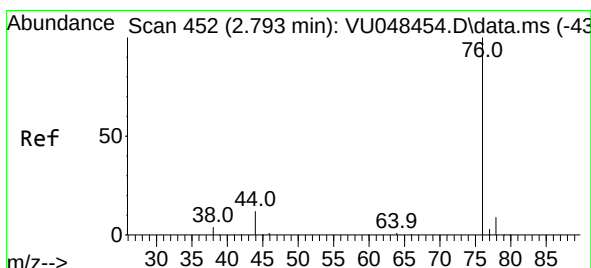
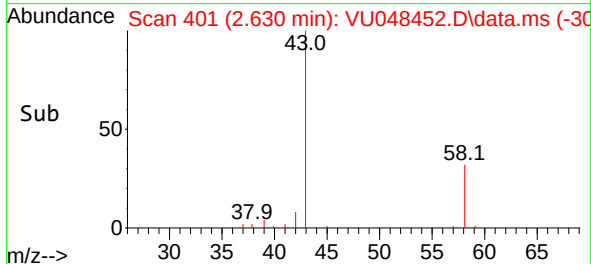
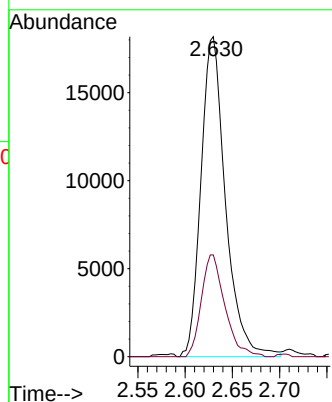
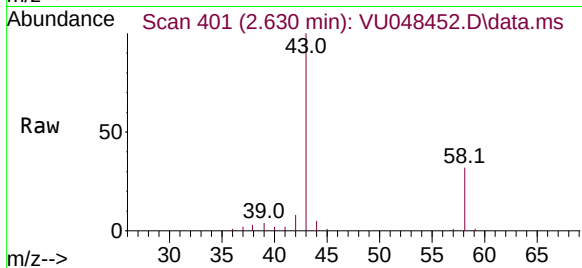
VSTD005062

Tgt Ion: 43 Resp: 32799

Ion Ratio Lower Upper

43 100

58 30.4 0.0 66.2



#14

Carbon disulfide

Concen: 7.173 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU048452.D

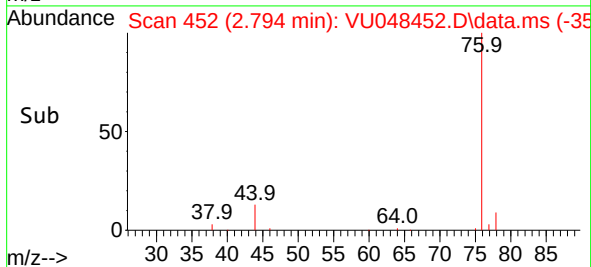
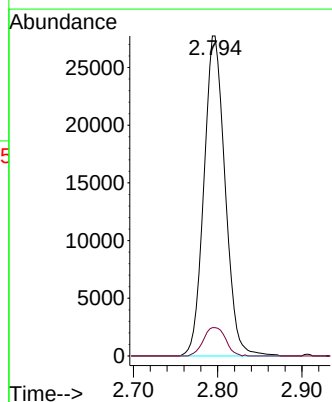
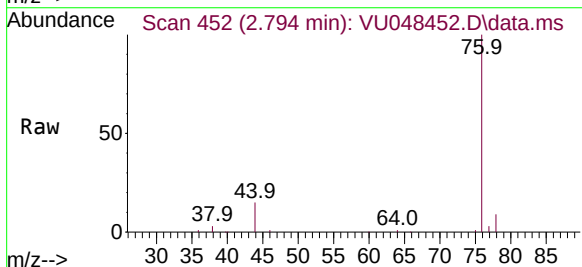
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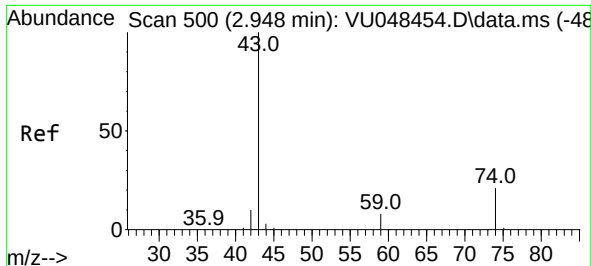
Tgt Ion: 76 Resp: 48607

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

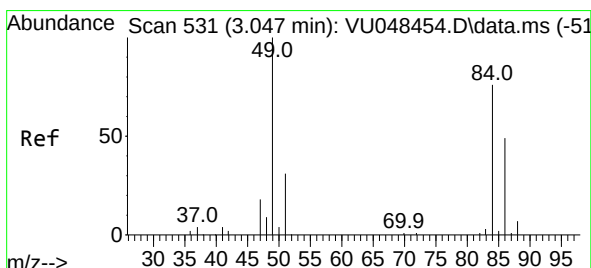
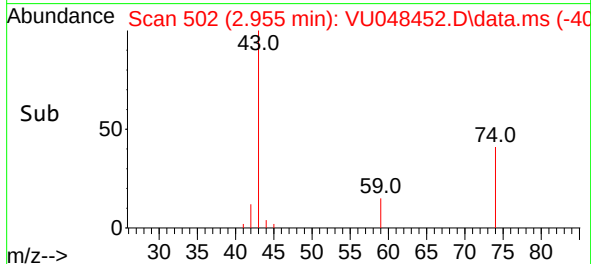
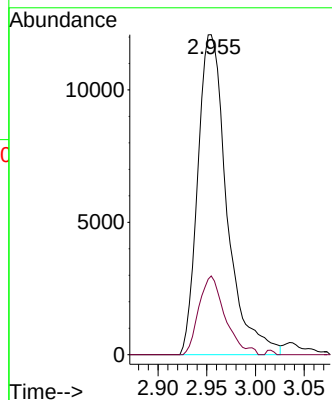
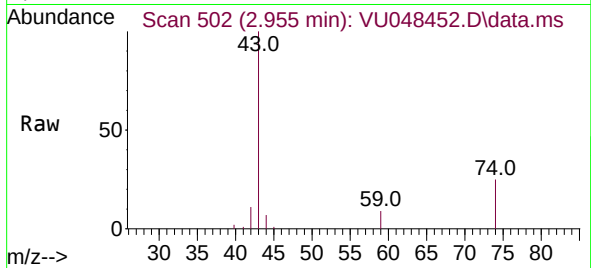




#15
Methyl Acetate
Concen: 6.199 ug/L
RT: 2.955 min Scan# 500
Delta R.T. 0.007 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

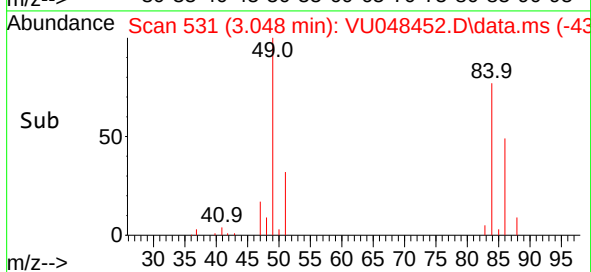
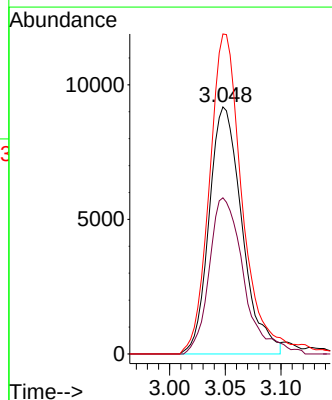
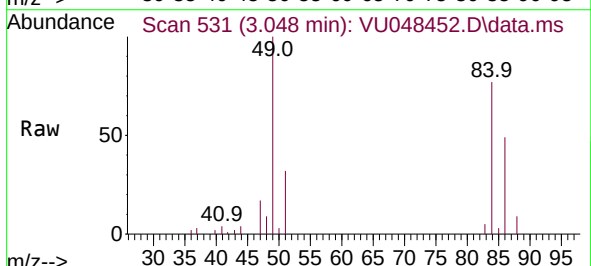
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ClientSampleId :
VSTD005062

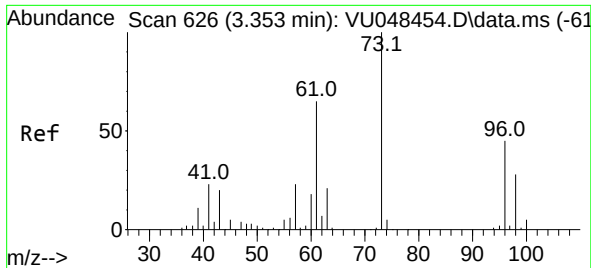
Tgt Ion: 43 Resp: 25115
Ion Ratio Lower Upper
43 100
74 21.5 17.6 26.4



#16
Methylene chloride
Concen: 5.619 ug/L
RT: 3.048 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion: 84 Resp: 18870
Ion Ratio Lower Upper
84 100
86 63.2 44.8 83.2
49 129.5 92.0 170.8

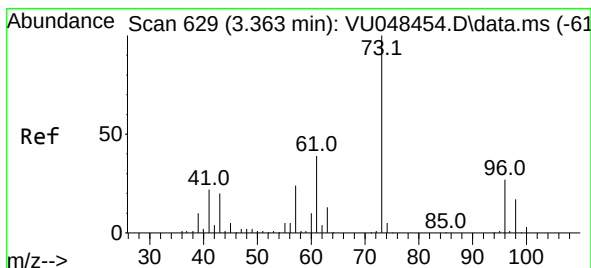
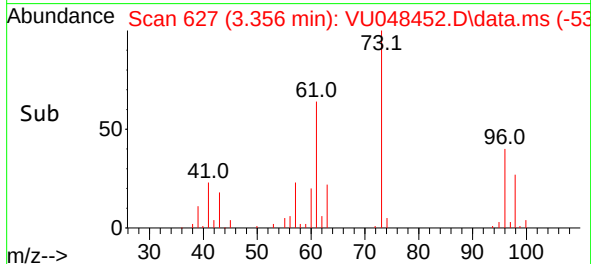
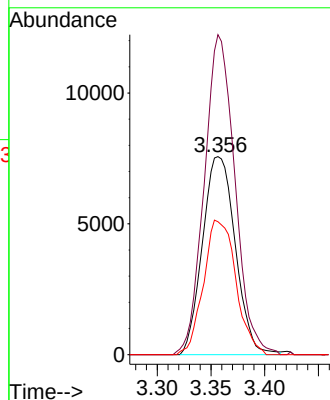
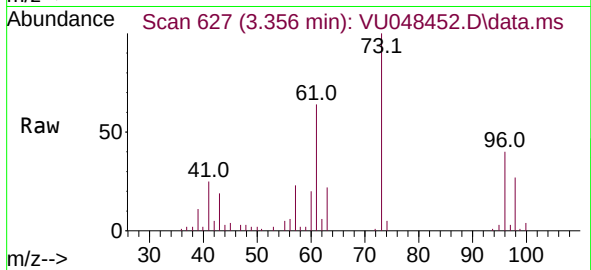




#17
trans-1,2-Dichloroethene
Concen: 5.820 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

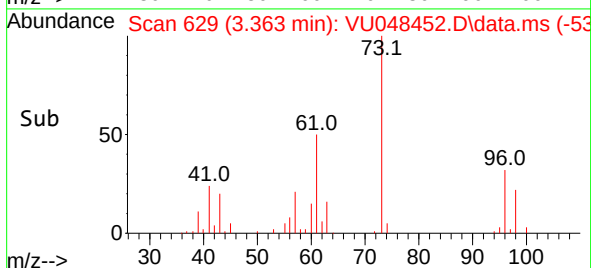
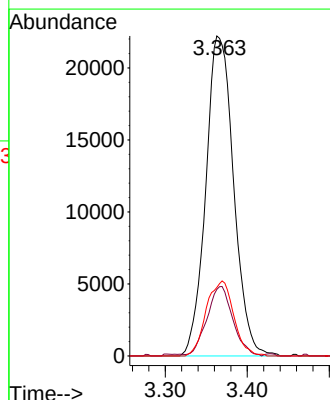
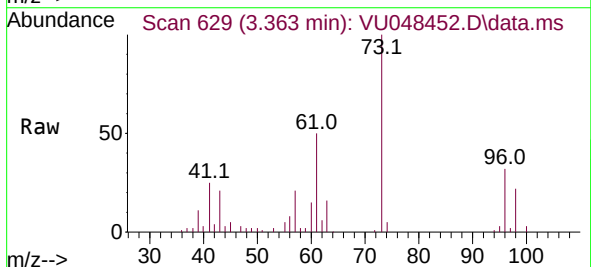
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

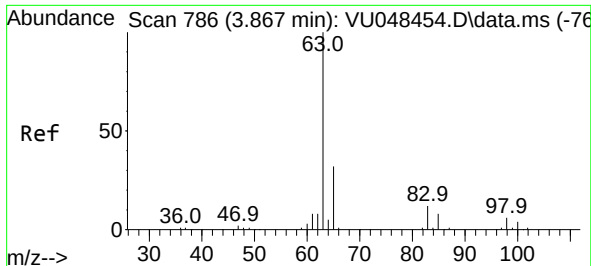
Tgt Ion: 96 Resp: 16075
Ion Ratio Lower Upper
96 100
61 161.5 101.2 187.8
98 67.1 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 5.773 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion: 73 Resp: 52444
Ion Ratio Lower Upper
73 100
43 20.2 15.6 23.4
57 23.0 18.1 27.1





#19

1,1-Dichloroethane

Concen: 5.992 ug/L

RT: 3.877 min Scan# 786

Delta R.T. 0.010 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005062

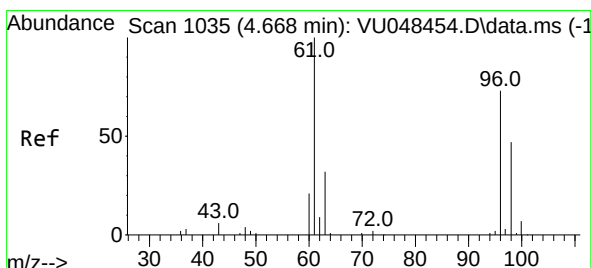
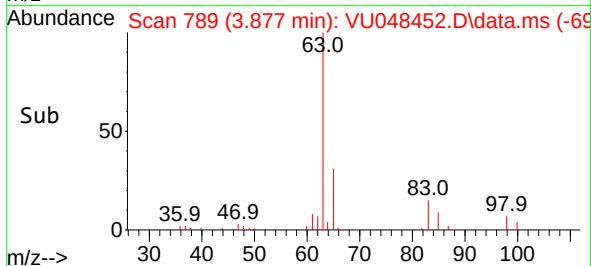
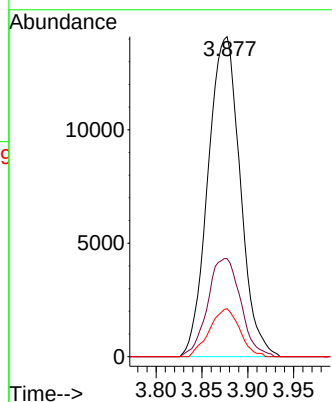
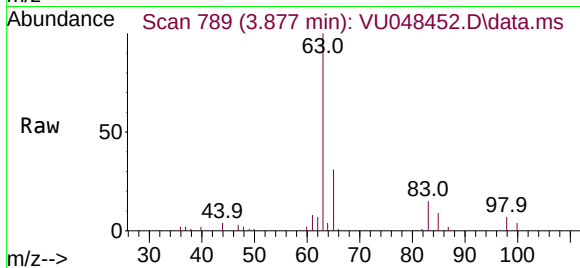
Tgt Ion: 63 Resp: 34416

Ion Ratio Lower Upper

63 100

65 30.7 22.0 41.0

83 15.0 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 5.685 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

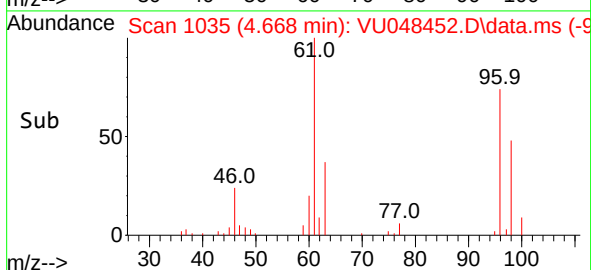
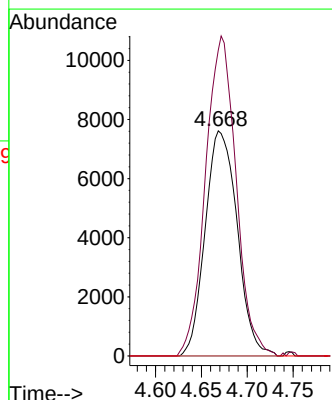
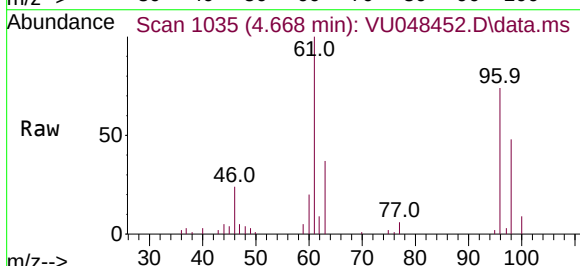
Tgt Ion: 96 Resp: 18489

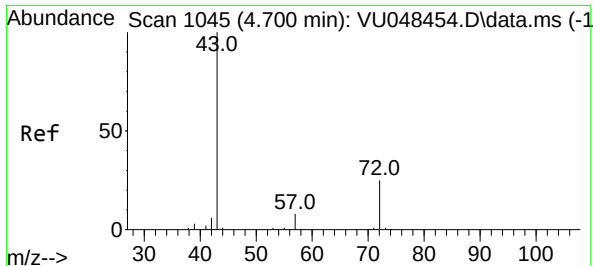
Ion Ratio Lower Upper

96 100

61 135.8 96.2 178.8

68 0.0 0.0 0.0

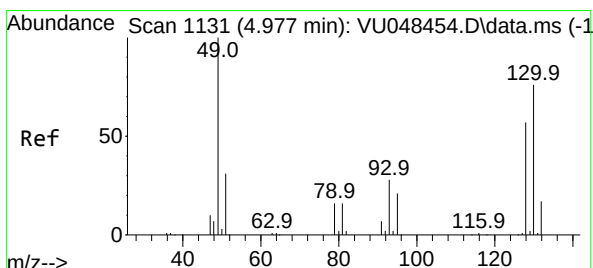
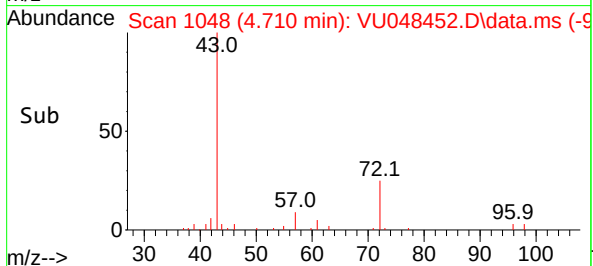
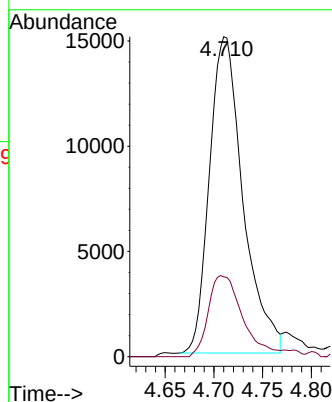
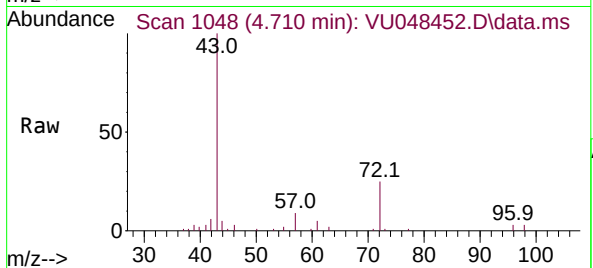




#22
2-Butanone
Concen: 12.118 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

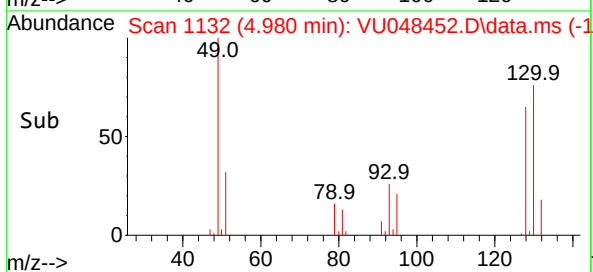
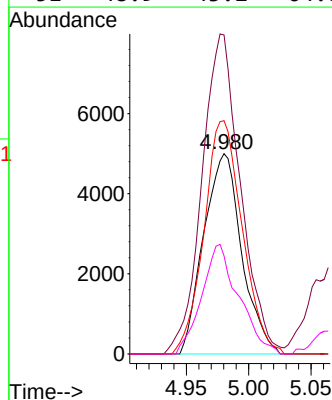
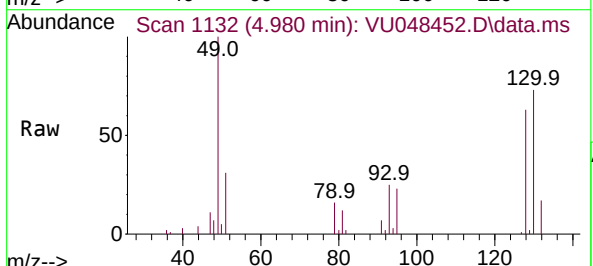
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

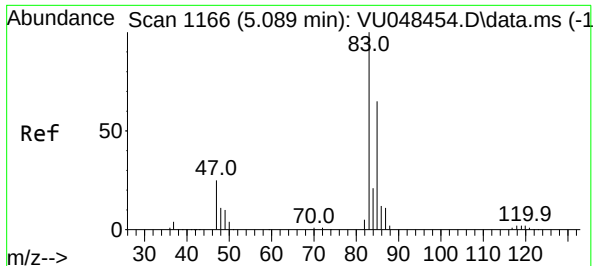
Tgt Ion: 43 Resp: 36069
Ion Ratio Lower Upper
43 100
72 26.0 13.3 39.9



#23
Bromochloromethane
Concen: 5.912 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion: 128 Resp: 10609
Ion Ratio Lower Upper
128 100
49 159.3 123.1 228.7
130 116.5 93.6 173.8
51 48.9 43.2 64.8





#25

Chloroform

Concen: 5.769 ug/L

RT: 5.093 min Scan# 1166

Delta R.T. 0.004 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :

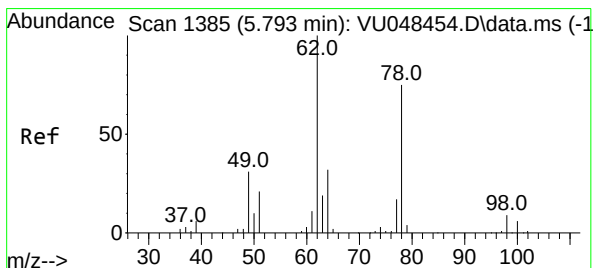
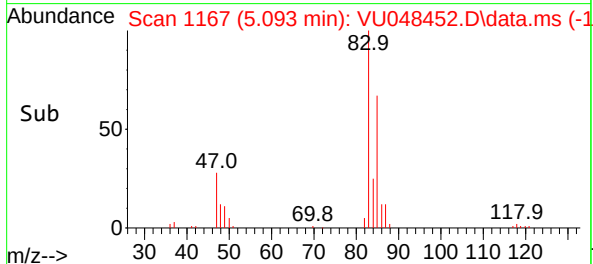
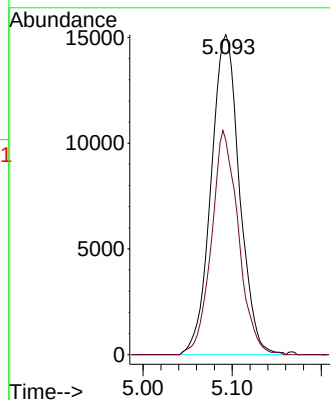
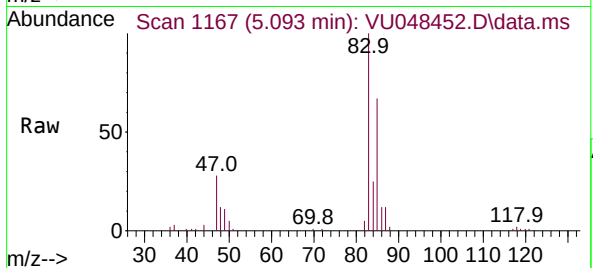
VSTD005062

Tgt Ion: 83 Resp: 33564

Ion Ratio Lower Upper

83 100

85 67.1 45.4 84.2



#27

1,2-Dichloroethane

Concen: 6.518 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.004 min

Lab File: VU048452.D

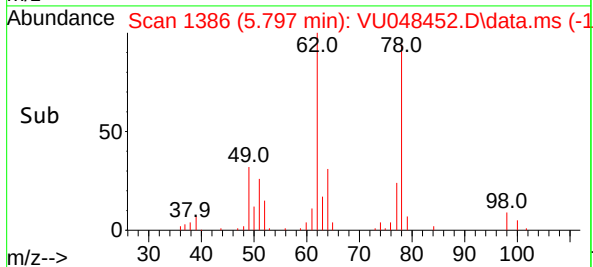
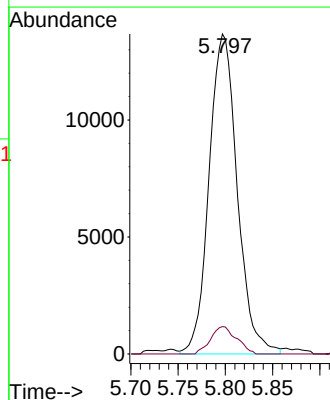
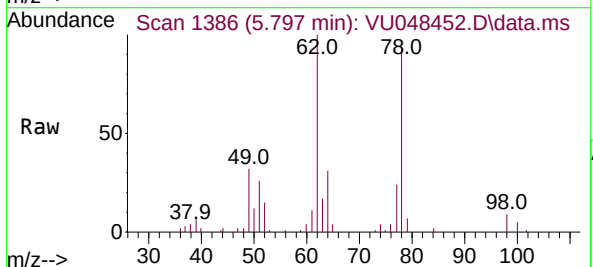
Acq: 06 May 2022 13:24

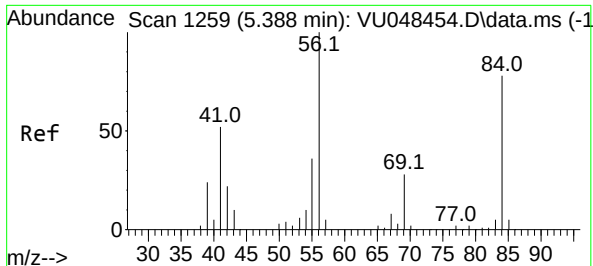
Tgt Ion: 62 Resp: 28398

Ion Ratio Lower Upper

62 100

98 8.6 6.8 10.2





#29

Cyclohexane

Concen: 7.071 ug/L

RT: 5.389 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005062

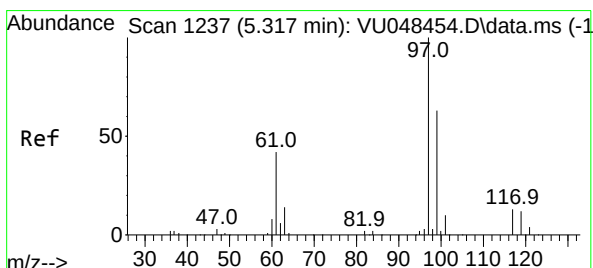
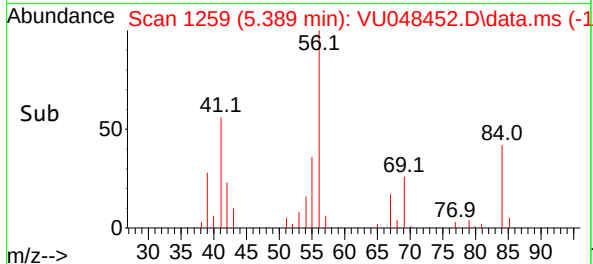
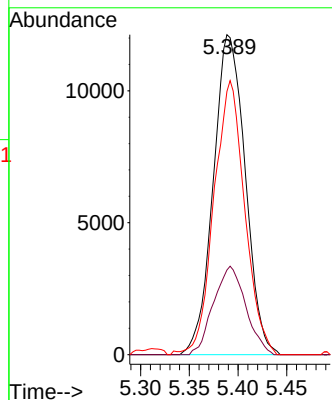
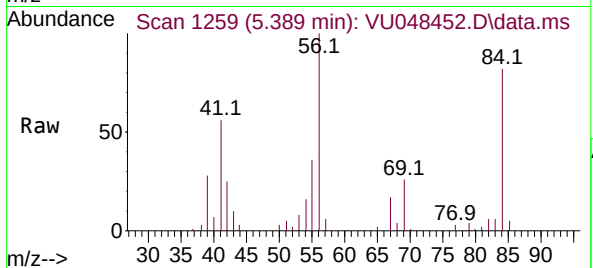
Tgt Ion: 56 Resp: 27603

Ion Ratio Lower Upper

56 100

69 27.9 23.4 35.0

84 82.5 65.5 98.3



#30

1,1,1-Trichloroethane

Concen: 6.681 ug/L

RT: 5.318 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

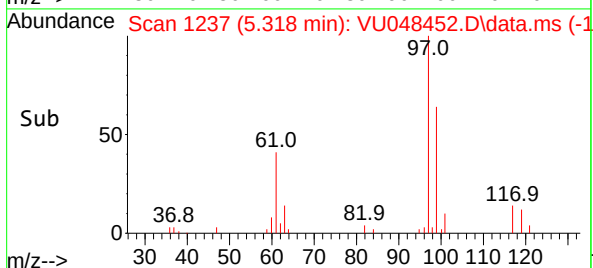
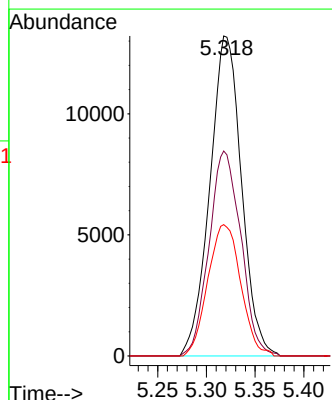
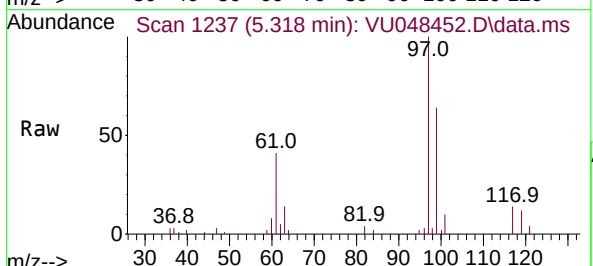
Tgt Ion: 97 Resp: 29876

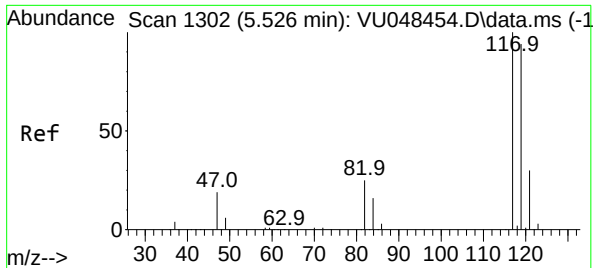
Ion Ratio Lower Upper

97 100

99 64.2 50.5 75.7

61 42.7 35.0 52.4

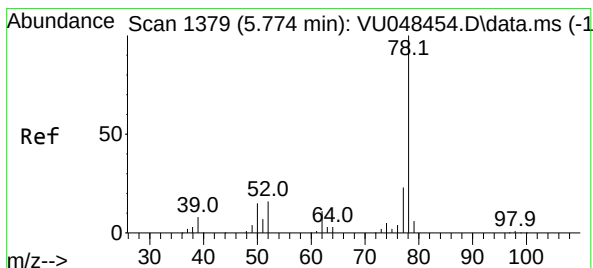
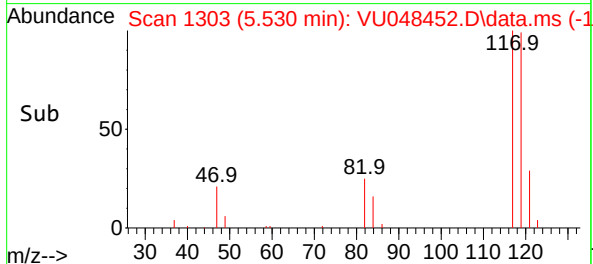
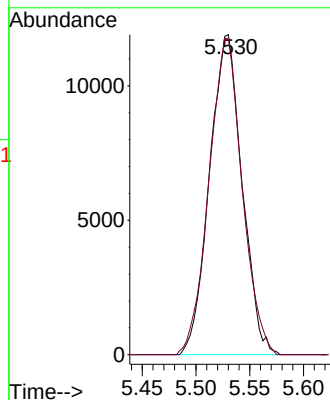
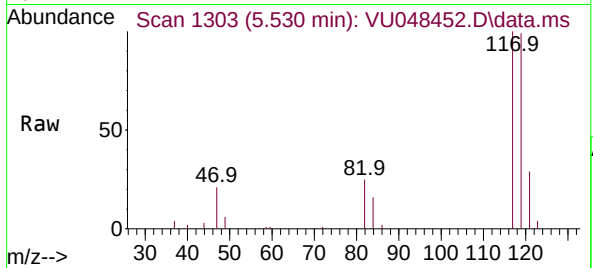




#31
Carbon tetrachloride
Concen: 6.567 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

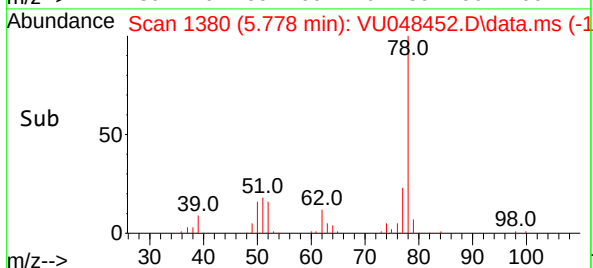
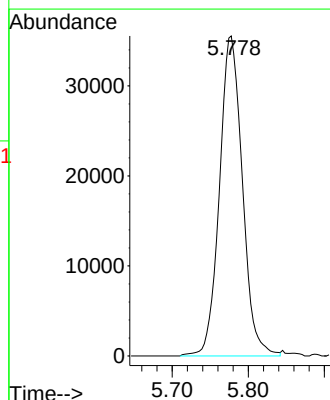
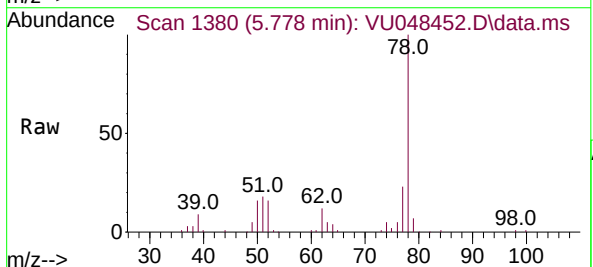
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

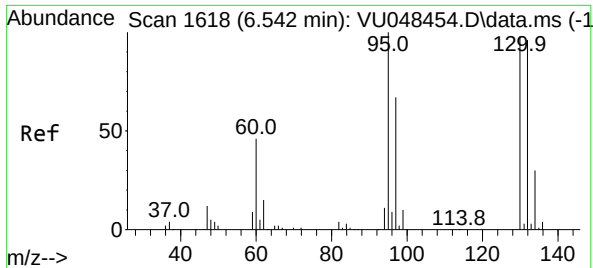
Tgt Ion:117 Resp: 25048
Ion Ratio Lower Upper
117 100
119 100.6 76.5 114.7



#33
Benzene
Concen: 6.484 ug/L
RT: 5.778 min Scan# 1380
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion: 78 Resp: 74567



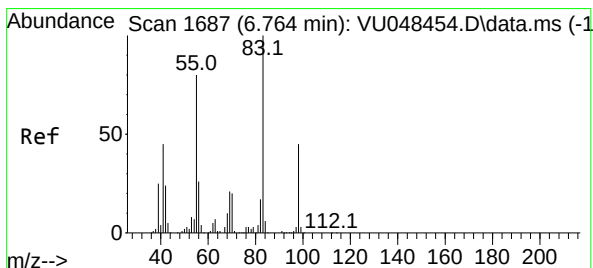
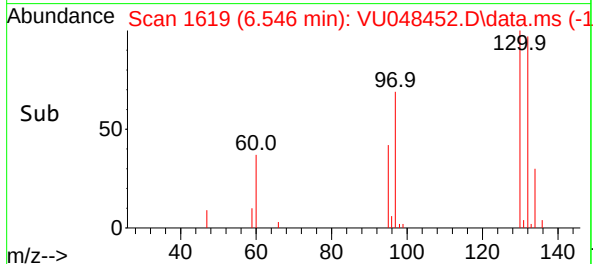
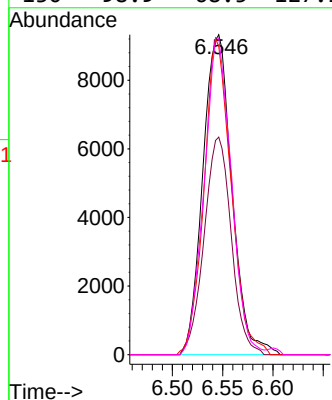
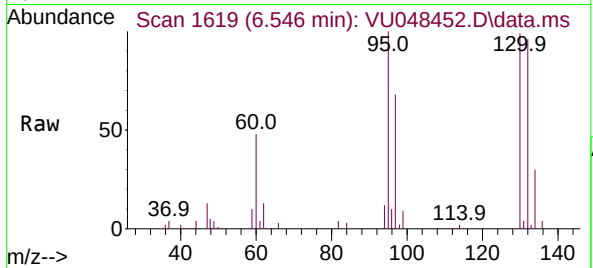


#34
Trichloroethene
Concen: 6.640 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

Tgt Ion: 95 Resp: 18756

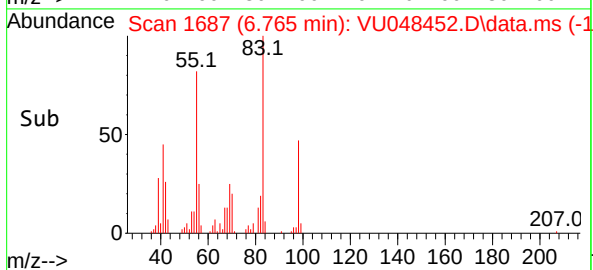
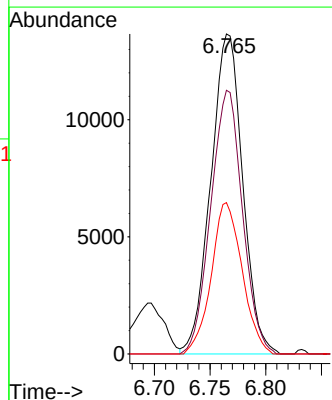
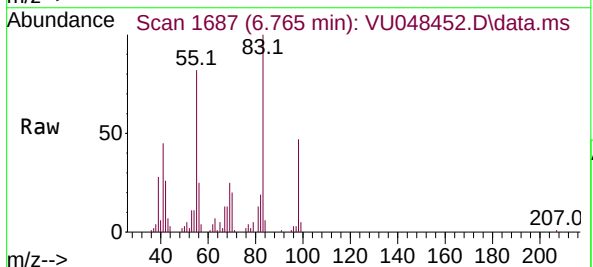
Ion	Ratio	Lower	Upper
95	100		
97	68.0	46.6	86.6
132	96.3	67.3	124.9
130	98.9	68.5	127.1

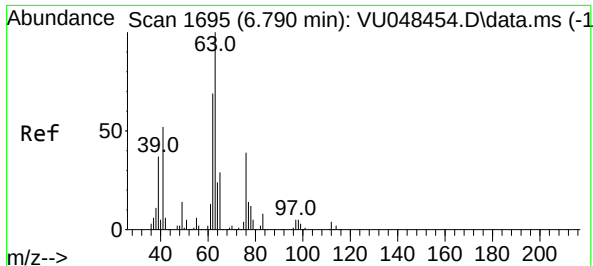


#35
Methylcyclohexane
Concen: 6.647 ug/L
RT: 6.765 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion: 83 Resp: 27215

Ion	Ratio	Lower	Upper
83	100		
55	81.8	63.4	95.2
98	45.9	35.9	53.9





#37

1,2-Dichloropropane

Concen: 0.615 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :

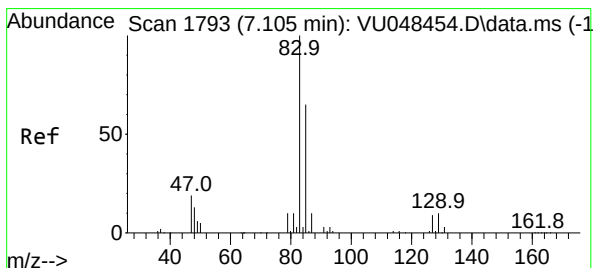
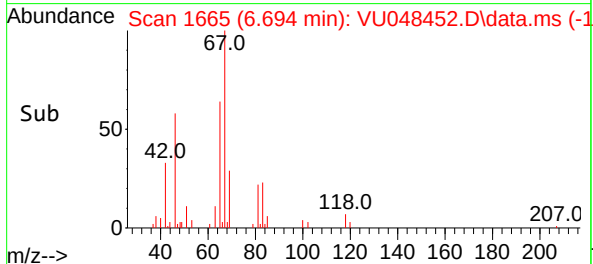
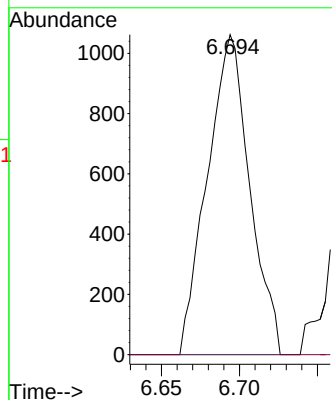
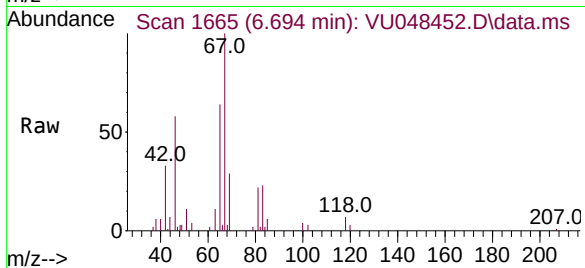
VSTD005062

Tgt Ion: 63 Resp: 2008

Ion Ratio Lower Upper

63 100

112 4.5 3.1 4.7



#38

Bromodichloromethane

Concen: 6.061 ug/L

RT: 7.106 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

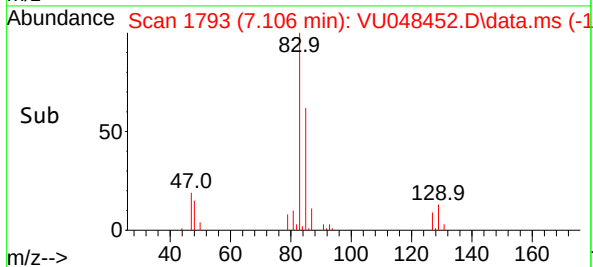
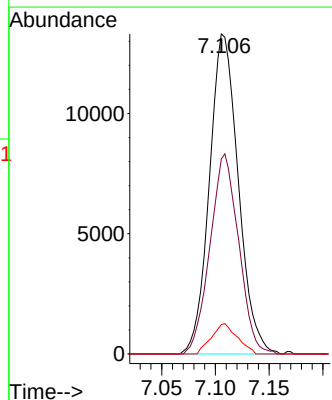
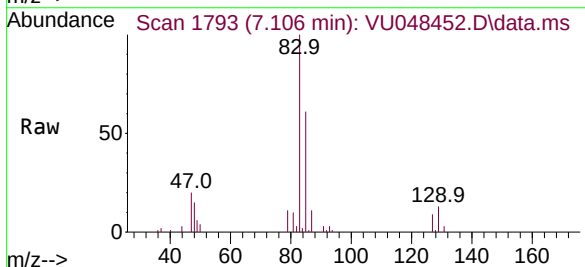
Tgt Ion: 83 Resp: 24872

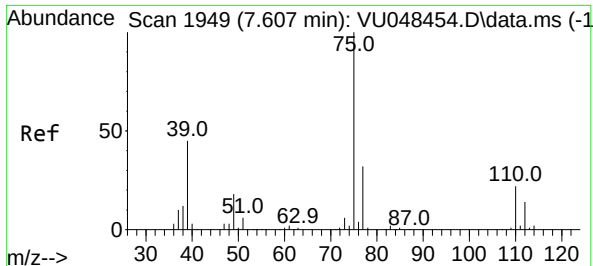
Ion Ratio Lower Upper

83 100

85 60.9 45.5 84.5

127 9.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.775 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.004 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :

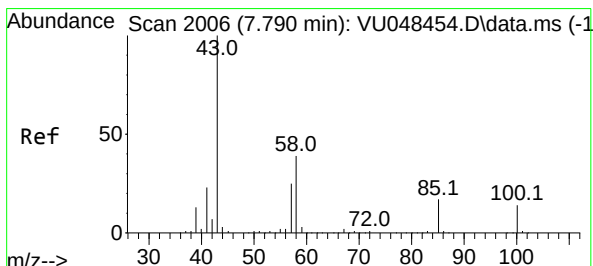
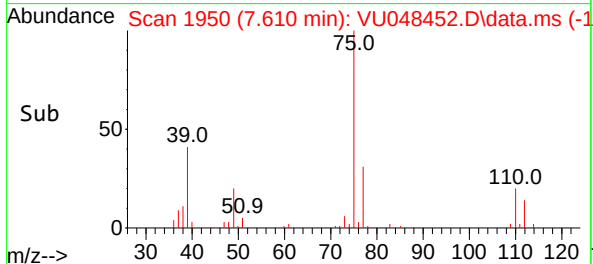
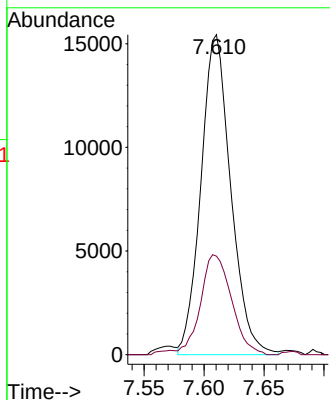
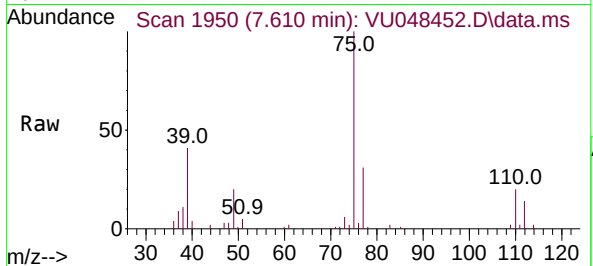
VSTD005062

Tgt Ion: 75 Resp: 26717

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 12.296 ug/L

RT: 7.794 min Scan# 2007

Delta R.T. 0.004 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

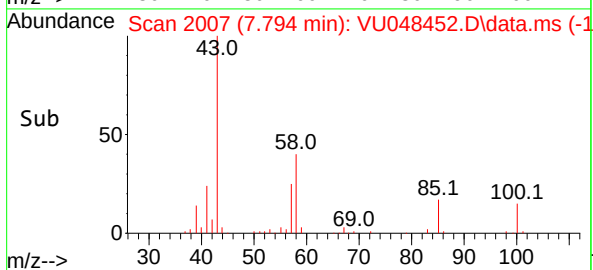
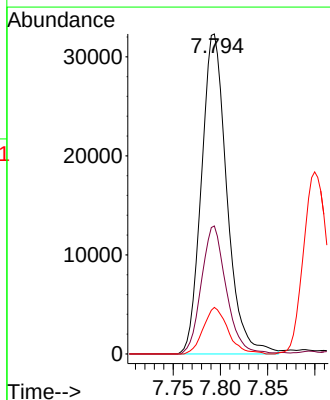
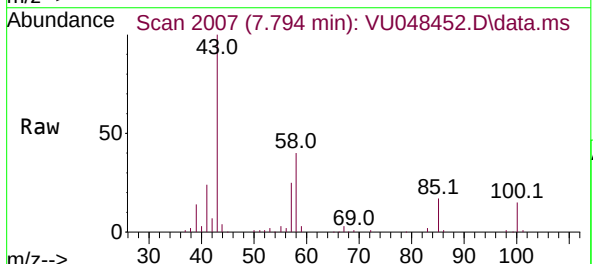
Tgt Ion: 43 Resp: 60336

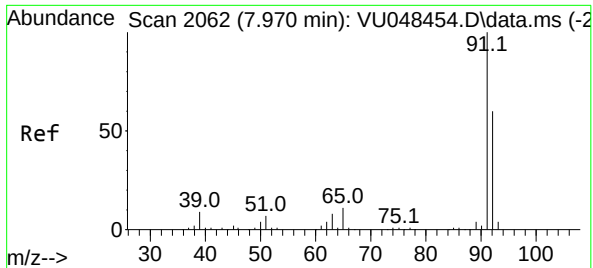
Ion Ratio Lower Upper

43 100

58 39.2 31.0 46.4

100 14.1 11.2 16.8

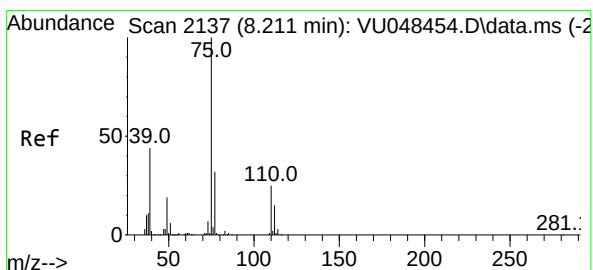
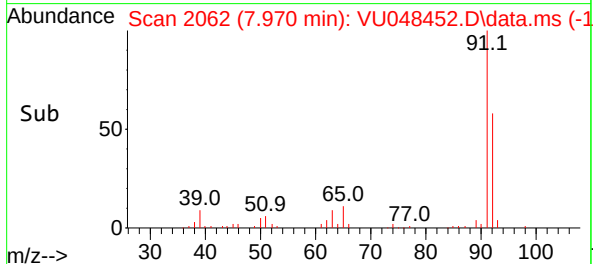
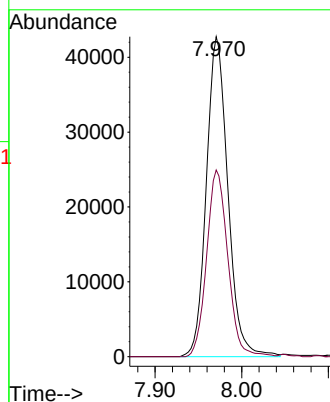
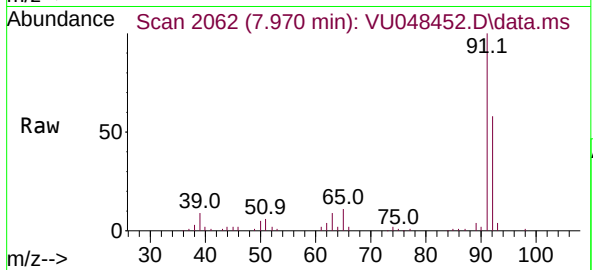




#42
Toluene
Concen: 6.156 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

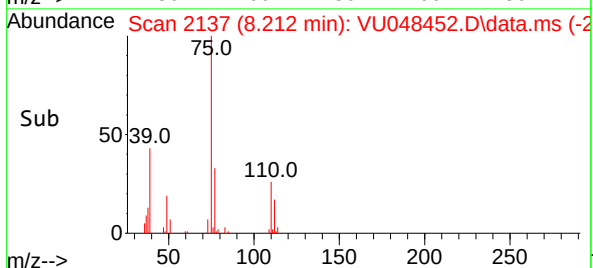
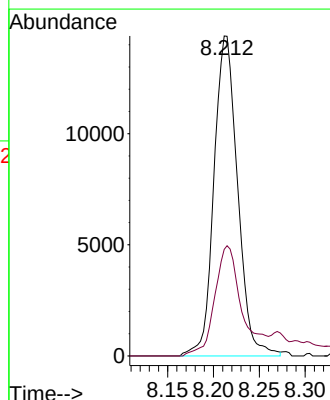
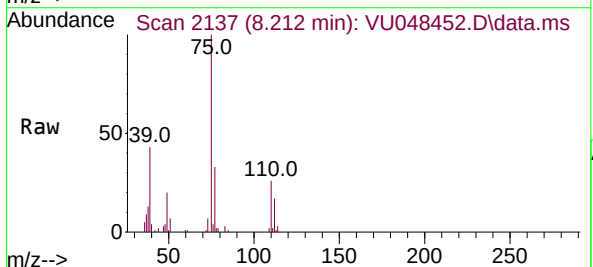
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

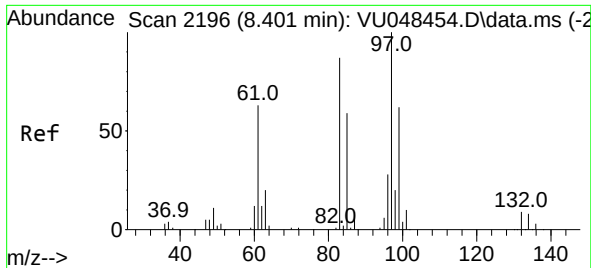
Tgt Ion: 91 Resp: 73830
Ion Ratio Lower Upper
91 100
92 58.3 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 5.765 ug/L
RT: 8.212 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion: 75 Resp: 25838
Ion Ratio Lower Upper
75 100
77 33.3 22.6 42.0

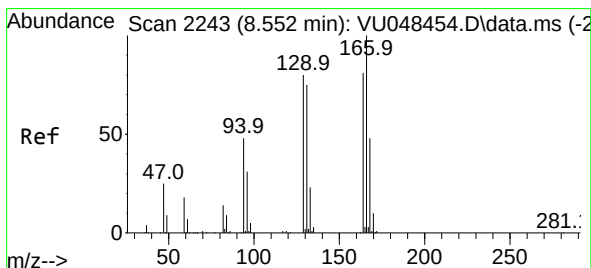
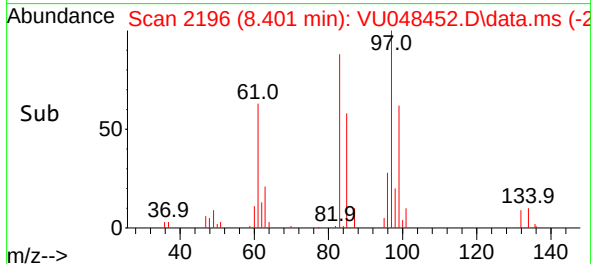
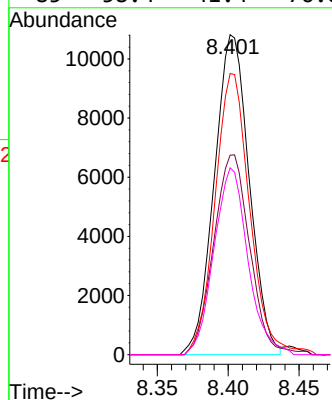
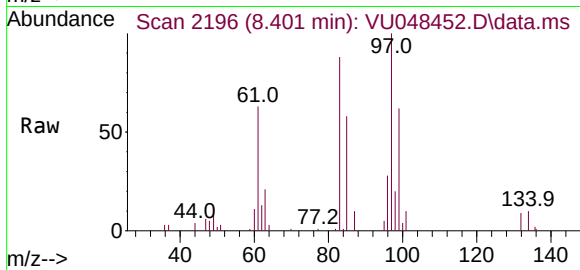




#45
1,1,2-Trichloroethane
Concen: 5.621 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

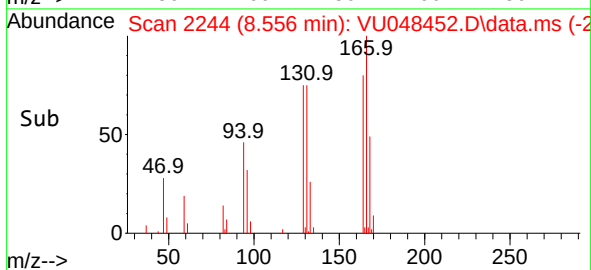
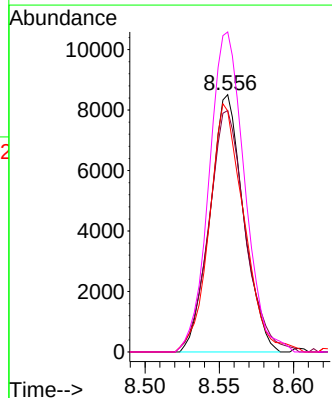
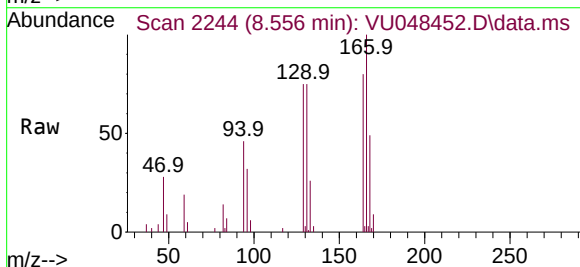
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

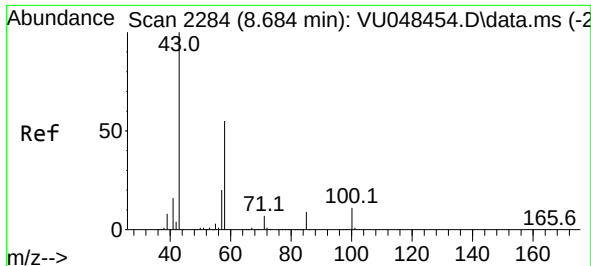
Tgt Ion: 97	Resp: 18565
Ion Ratio	Lower Upper
97 100	
99 62.4	43.5 80.9
83 87.9	60.5 112.5
85 58.4	41.4 76.8



#46
Tetrachloroethene
Concen: 5.701 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt	Ion:164	Resp:	13446
Ion	Ratio	Lower	Upper
164	100		
129	93.8	69.2	128.6
131	93.7	65.2	121.0
166	124.4	86.6	160.8

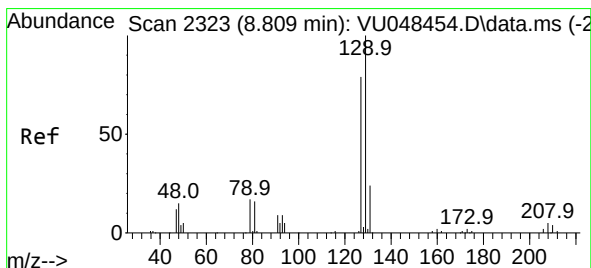
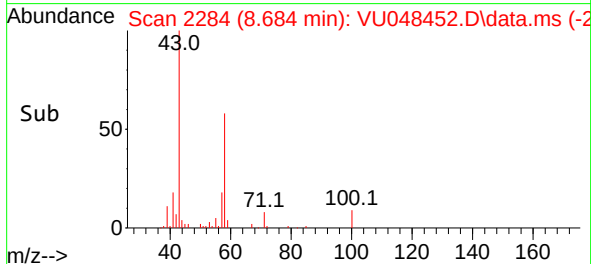
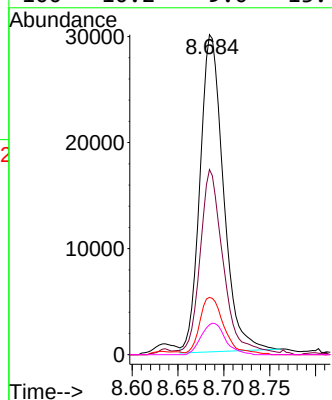
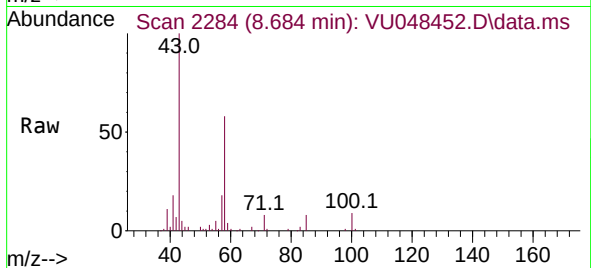




#48
2-Hexanone
Concen: 13.046 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

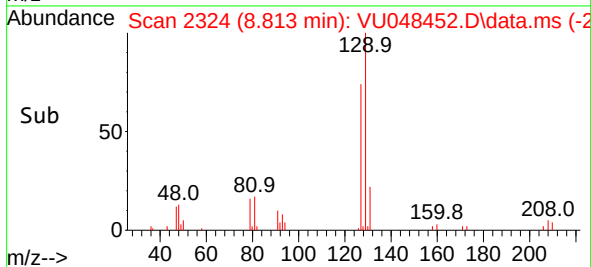
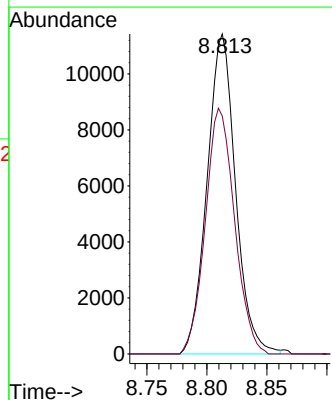
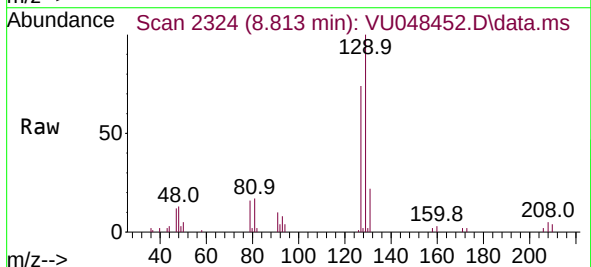
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

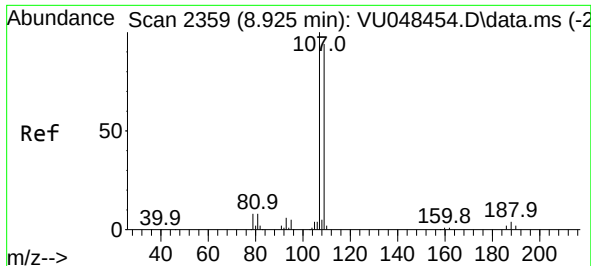
Tgt Ion: 43	Resp: 53185
Ion Ratio	Lower Upper
43 100	
58 57.8	44.3 66.5
57 18.7	15.7 23.5
100 10.2	9.0 13.4



#49
Dibromochloromethane
Concen: 5.195 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion:129	Resp: 18844		
Ion Ratio	Lower	Upper	
129 100			
127 74.3	55.2	102.4	





#50

1,2-Dibromoethane

Concen: 5.610 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

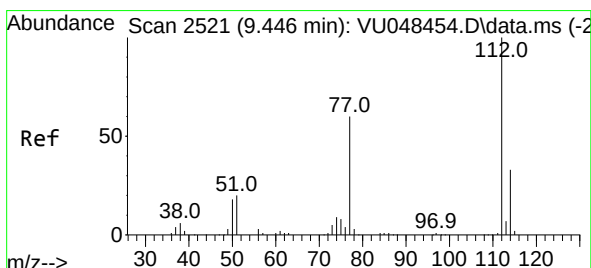
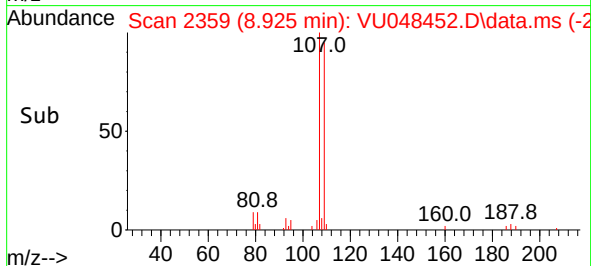
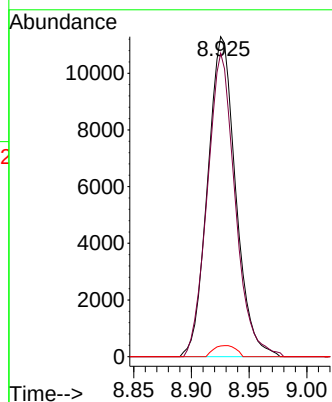
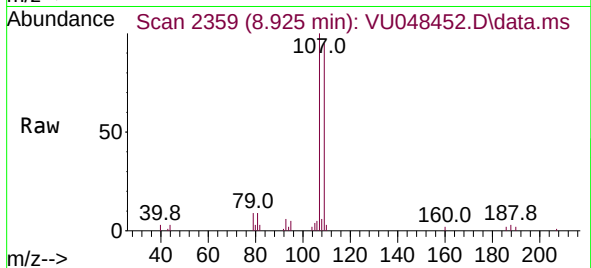
Instrument :

MSVOA_U

ClientSampleId :

VSTD005062

Tgt Ion:	107	Resp:	19099
Ion	Ratio	Lower	Upper
107	100		
109	94.8	65.7	122.1
188	3.3	2.9	4.3



#51

Chlorobenzene

Concen: 5.644 ug/L

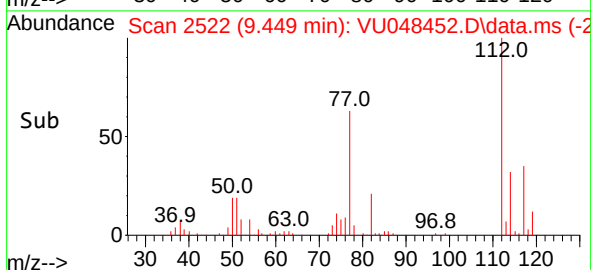
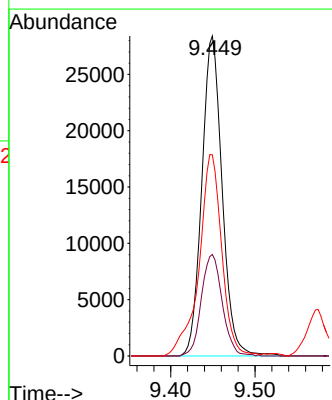
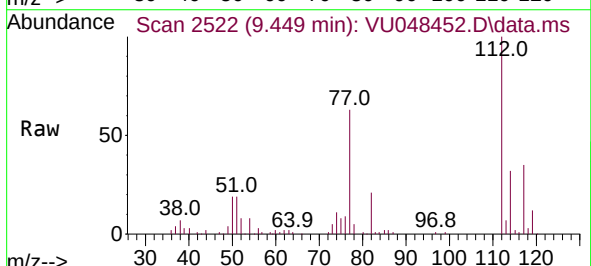
RT: 9.449 min Scan# 2522

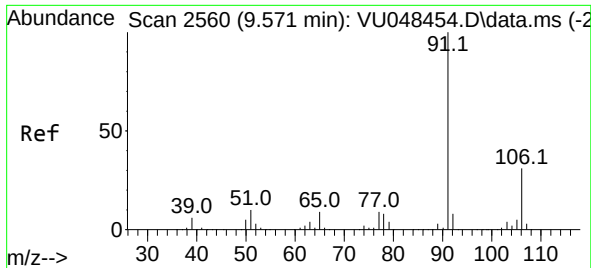
Delta R.T. 0.004 min

Lab File: VU048452.D

Acq: 06 May 2022 13:24

Tgt Ion:	112	Resp:	47711
Ion	Ratio	Lower	Upper
112	100		
114	31.7	23.0	42.6
77	62.9	48.4	72.6

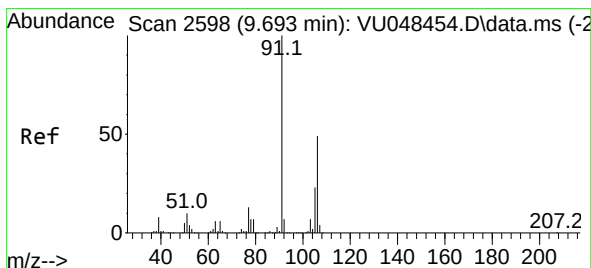
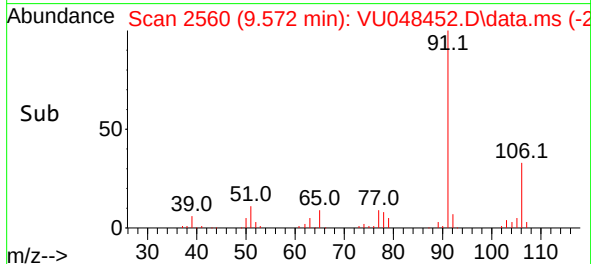
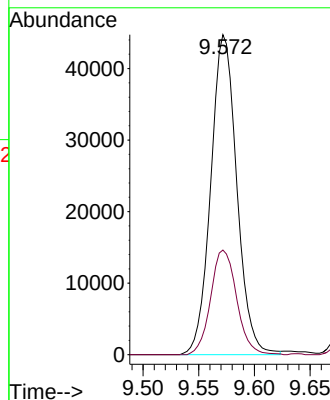
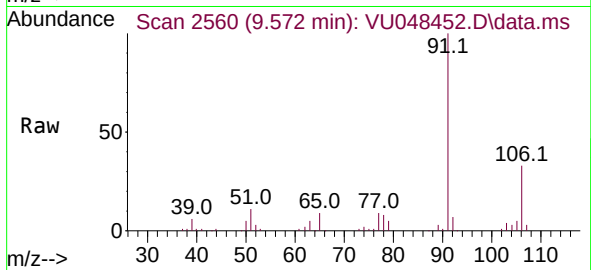




#52
Ethylbenzene
Concen: 5.841 ug/L
RT: 9.572 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

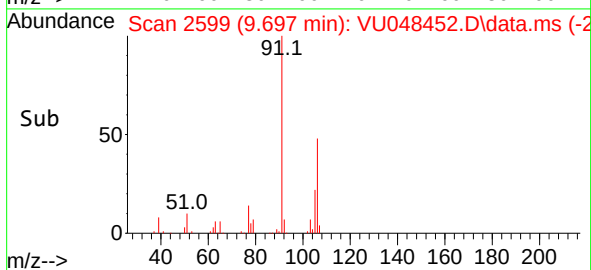
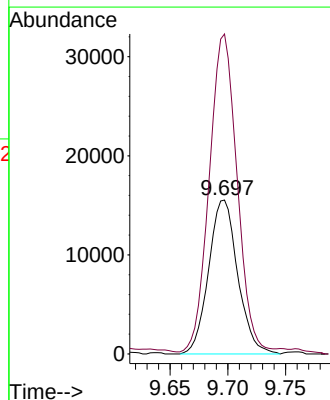
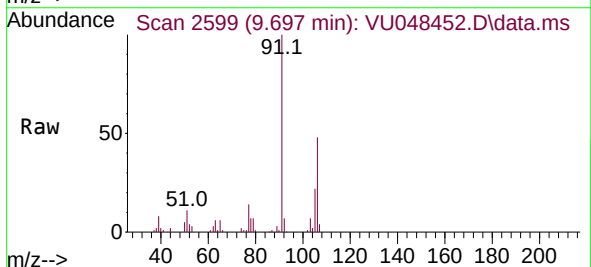
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

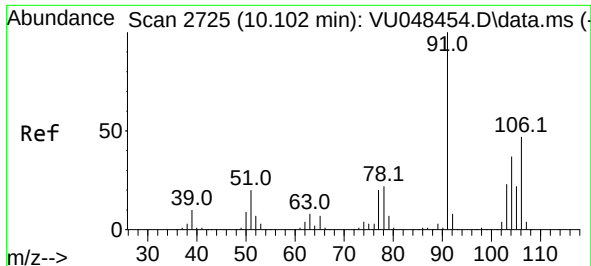
Tgt Ion: 91 Resp: 72746
Ion Ratio Lower Upper
91 100
106 32.7 21.7 40.3



#53
m,p-Xylene
Concen: 5.609 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion: 106 Resp: 27245
Ion Ratio Lower Upper
106 100
91 208.0 144.1 267.7

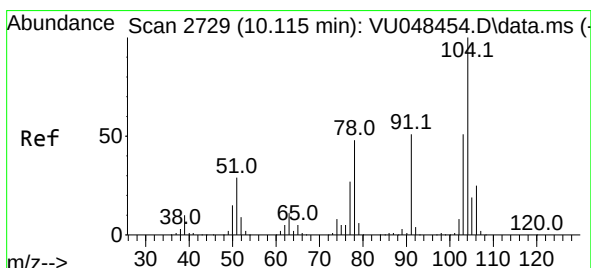
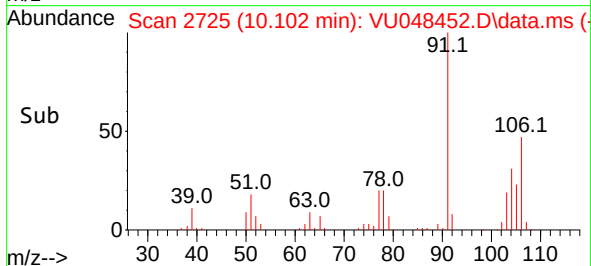
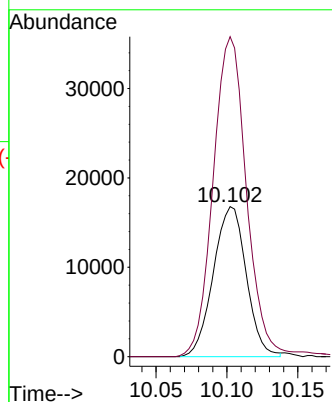
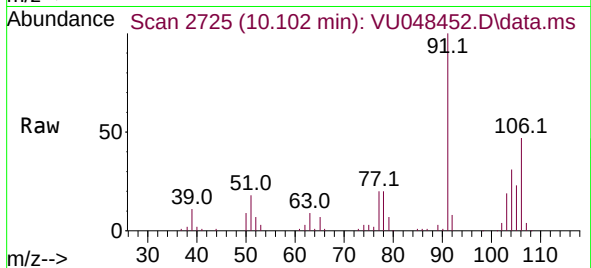




#54
o-Xylene
Concen: 5.564 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

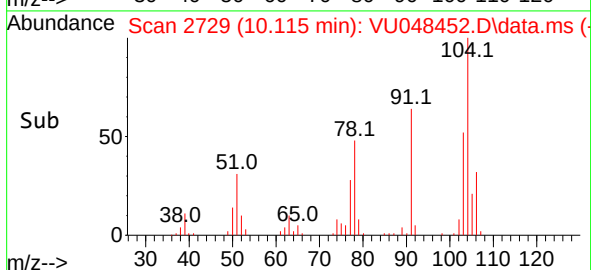
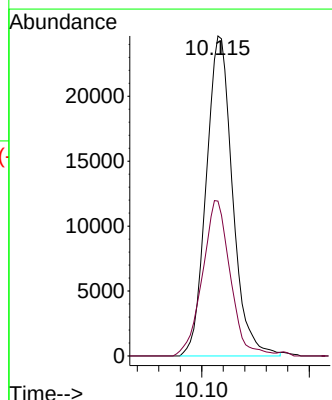
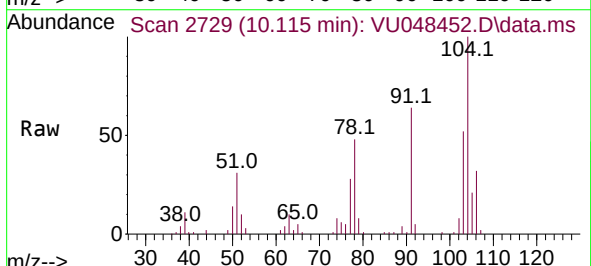
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

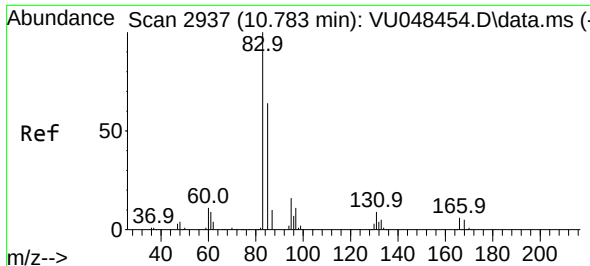
Tgt Ion:106 Resp: 27187
Ion Ratio Lower Upper
106 100
91 213.3 148.8 276.4



#55
Styrene
Concen: 5.102 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion:104 Resp: 41834
Ion Ratio Lower Upper
104 100
78 48.4 33.4 62.0

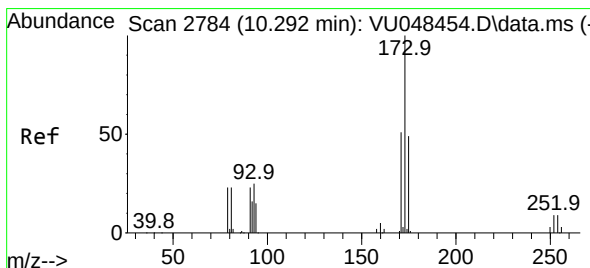
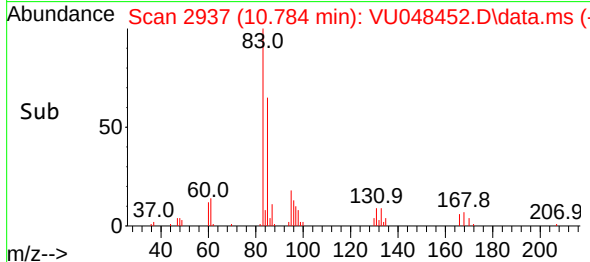
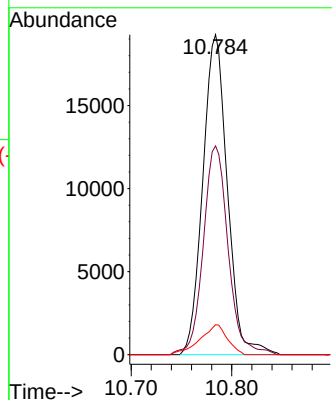
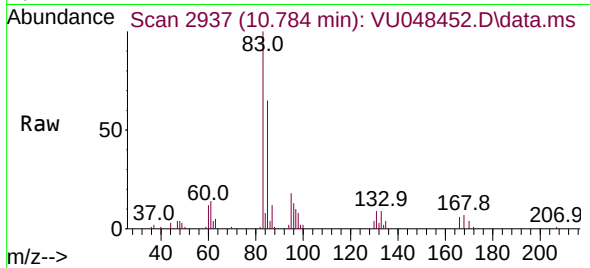




#57
1,1,2,2-Tetrachloroethane
Concen: 5.046 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

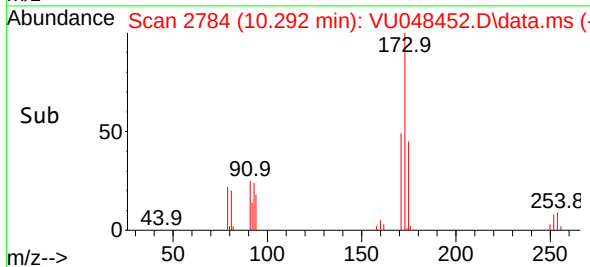
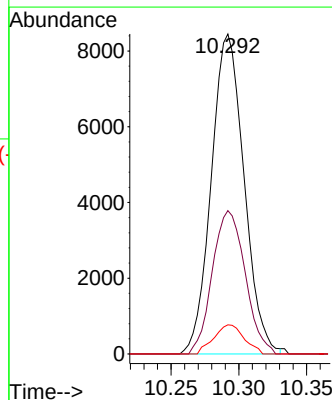
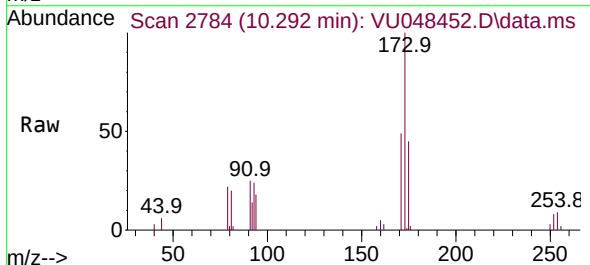
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

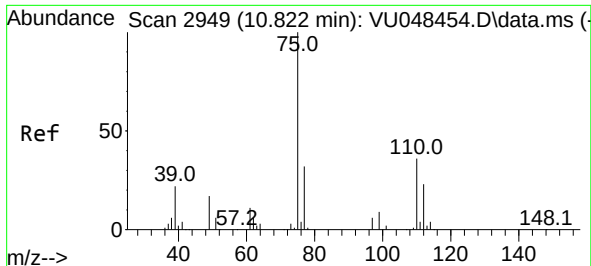
Tgt Ion:	83	Resp:	32653
Ion	Ratio	Lower	Upper
83	100		
85	65.2	45.4	84.4
131	9.4	7.4	11.0



#59
Bromoform
Concen: 5.619 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion:	173	Resp:	14190
Ion	Ratio	Lower	Upper
173	100		
175	44.8	39.1	58.7
254	8.4	7.3	10.9

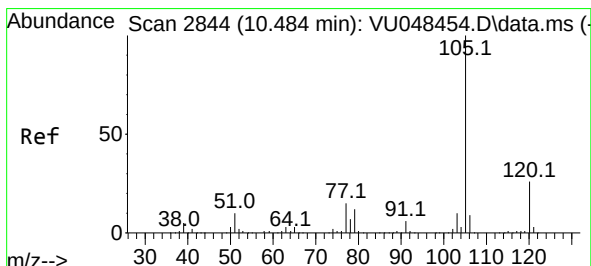
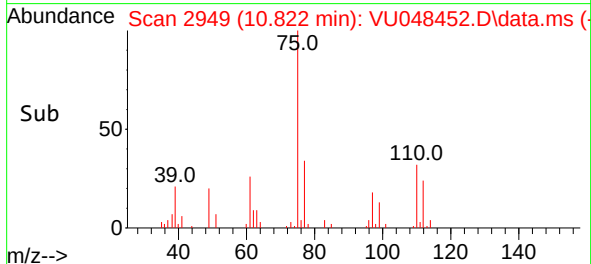
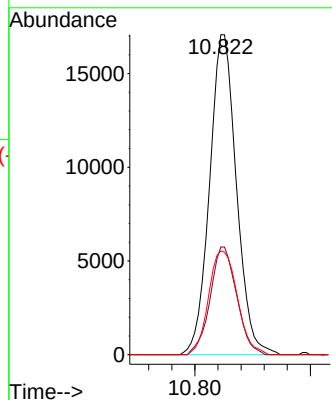
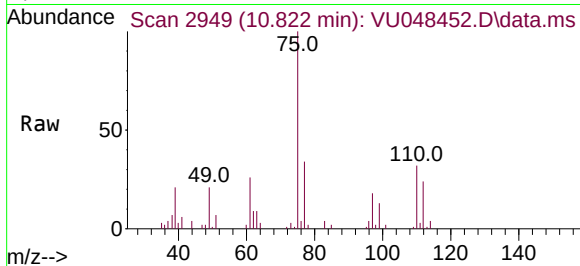




#60
1,2,3-Trichloropropane
Concen: 6.578 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

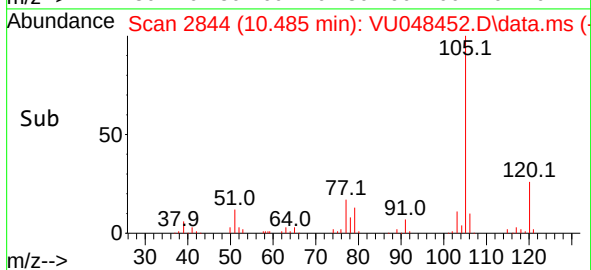
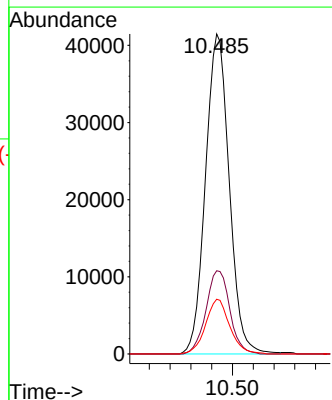
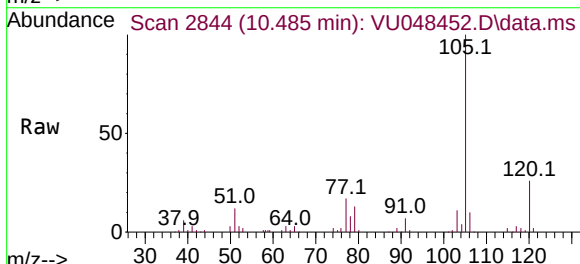
Instrument :
MSVOA_U
ClientSampleId :
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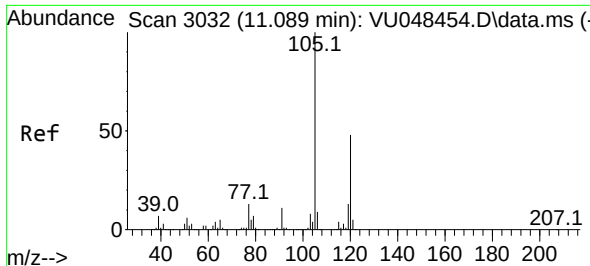
Tgt Ion:	75	Resp:	27567
Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.5	38.3
110	34.5	28.9	43.3



#61
Isopropylbenzene
Concen: 6.449 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion:	105	Resp:	65779
Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.0	31.4
77	17.4	12.5	18.7

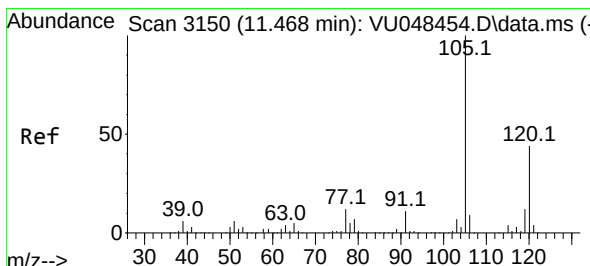
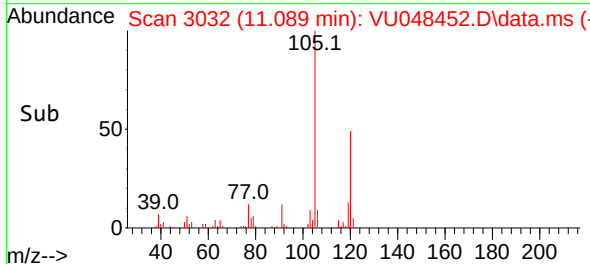
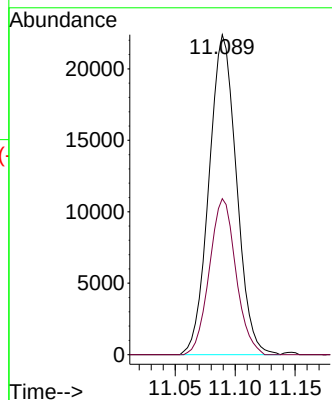
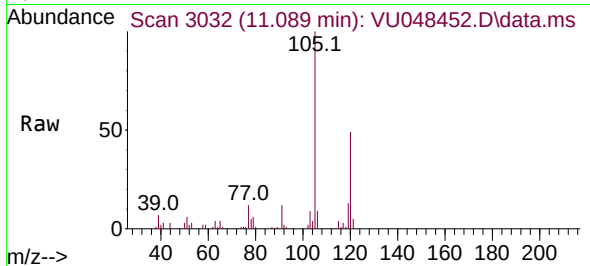




#62
 1,3,5-Trimethylbenzene
 Concen: 6.583 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU048452.D
 Acq: 06 May 2022 13:24

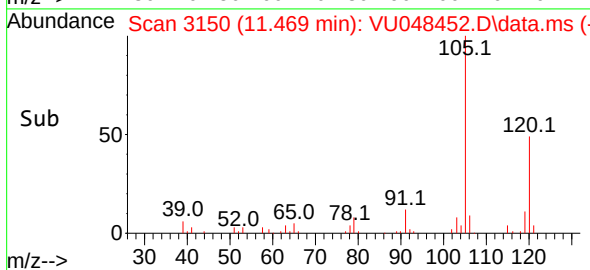
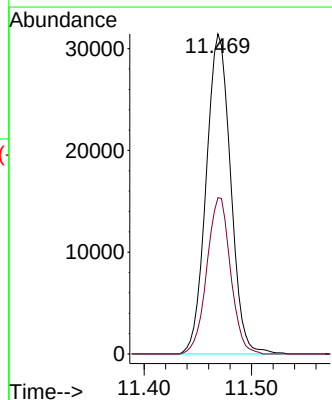
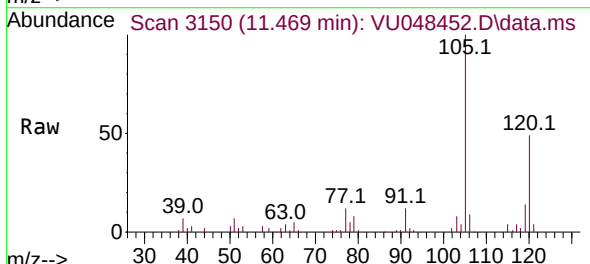
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005062

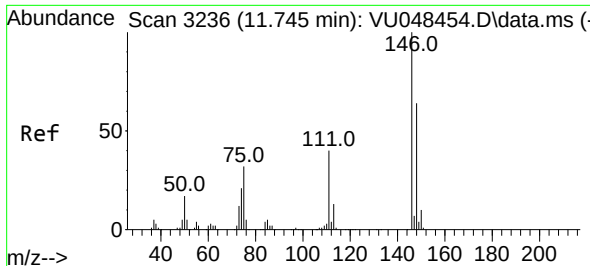
Tgt Ion:105 Resp: 35653
 Ion Ratio Lower Upper
 105 100
 120 47.0 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 6.024 ug/L
 RT: 11.469 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048452.D
 Acq: 06 May 2022 13:24

Tgt Ion:105 Resp: 49627
 Ion Ratio Lower Upper
 105 100
 120 47.4 35.4 53.2

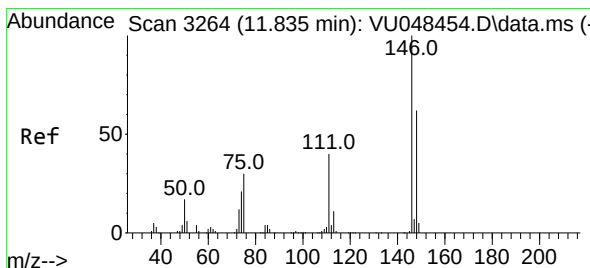
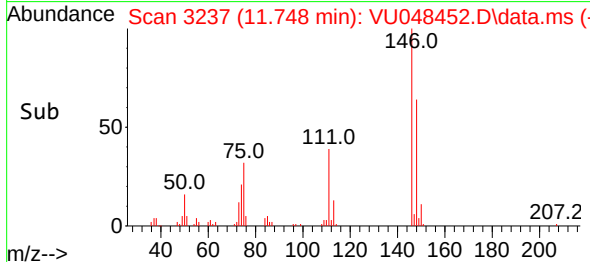
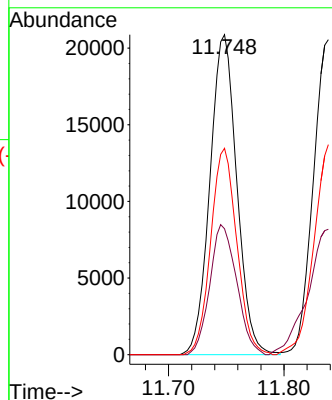
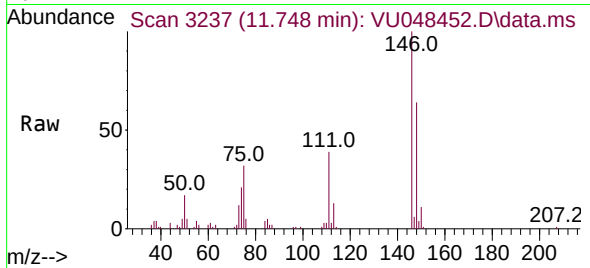




#64
1,3-Dichlorobenzene
Concen: 6.132 ug/L
RT: 11.748 min Scan# 3236
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

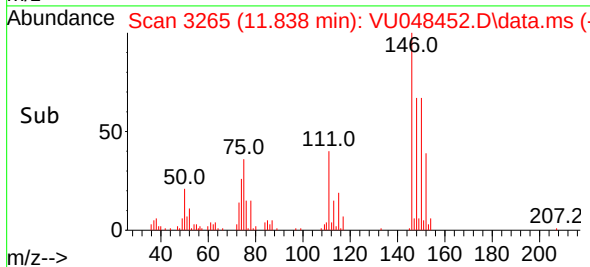
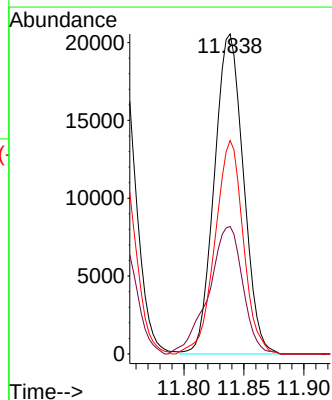
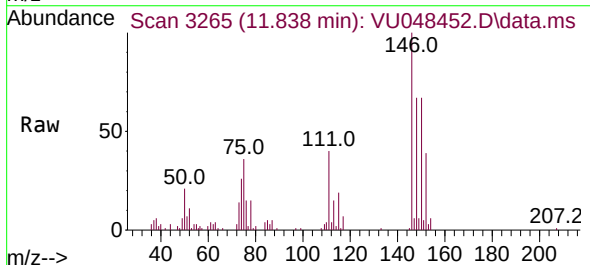
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

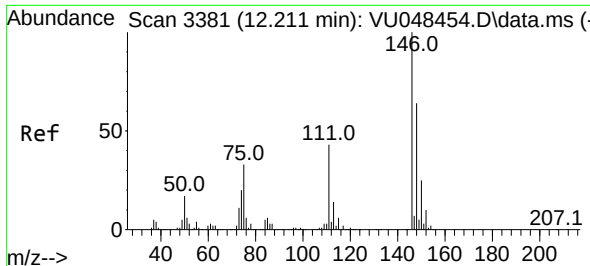
Tgt Ion:146 Resp: 33765
Ion Ratio Lower Upper
146 100
111 39.4 28.3 52.7
148 64.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 6.132 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion:146 Resp: 34623
Ion Ratio Lower Upper
146 100
111 39.8 28.4 52.8
148 66.7 43.4 80.6

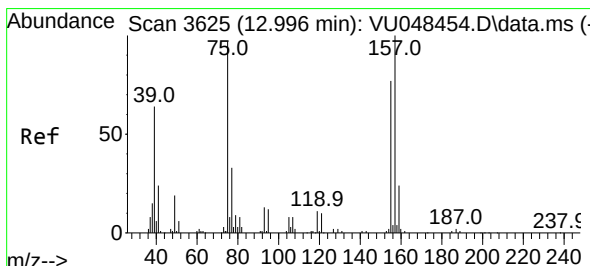
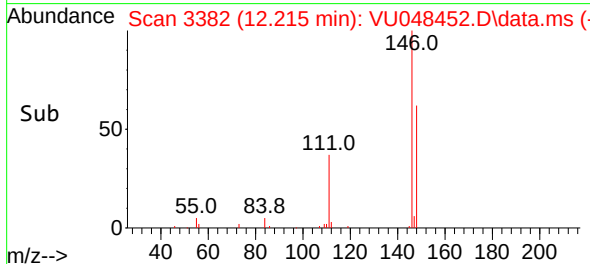
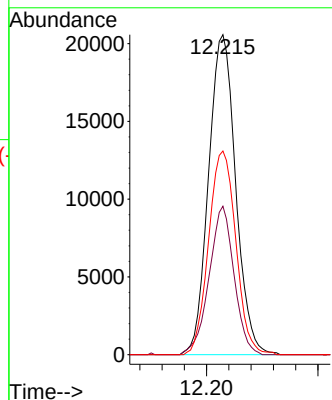
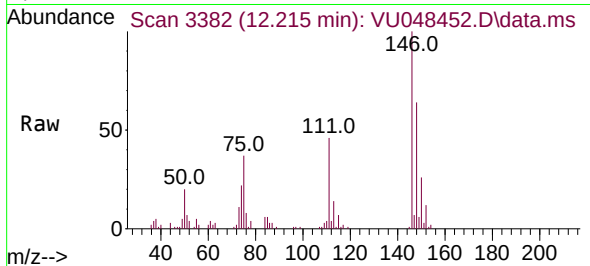




#67
1,2-Dichlorobenzene
Concen: 5.986 ug/L
RT: 12.215 min Scan# 3381
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

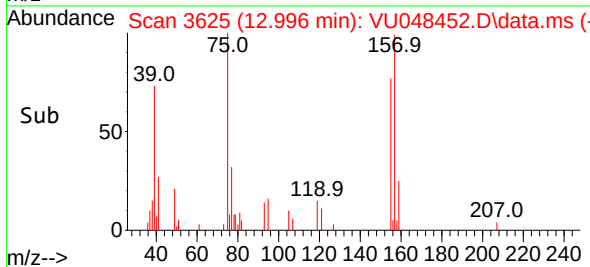
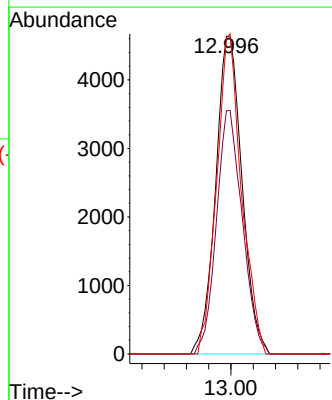
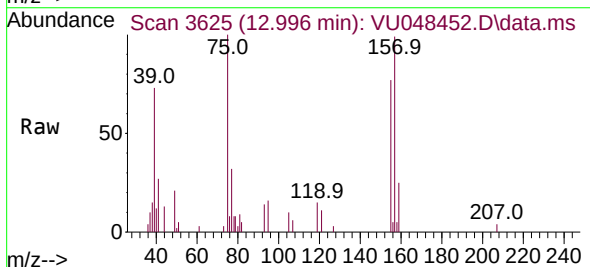
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

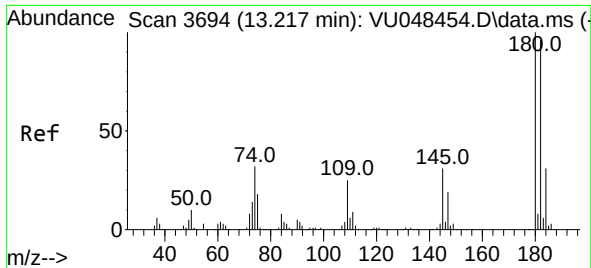
Tgt Ion:146 Resp: 34826
Ion Ratio Lower Upper
146 100
111 46.4 34.9 52.3
148 63.6 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 6.721 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion: 75 Resp: 7638
Ion Ratio Lower Upper
75 100
155 76.6 63.4 95.0
157 99.4 82.2 123.2

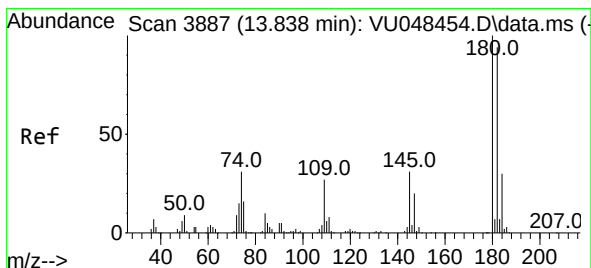
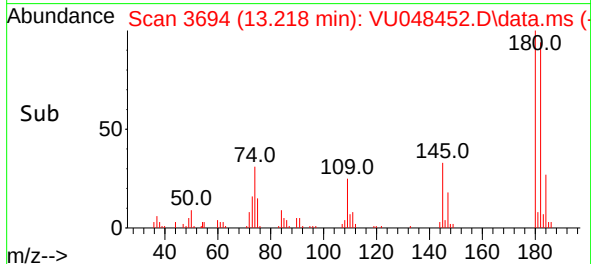
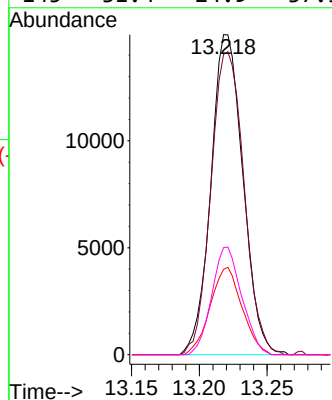
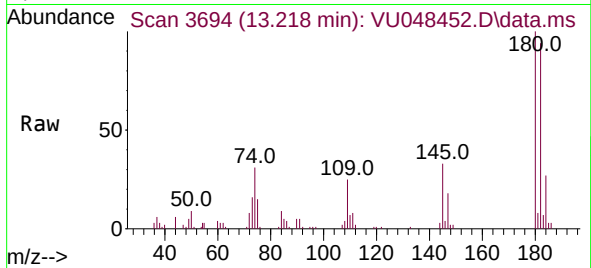




#69
1,3,5-Trichlorobenzene
Concen: 6.071 ug/L
RT: 13.218 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

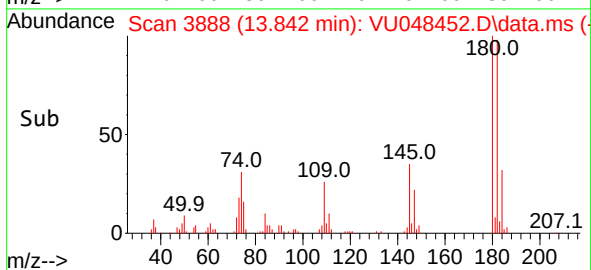
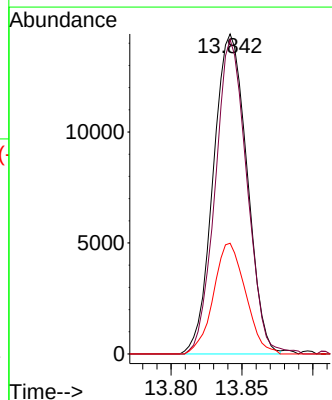
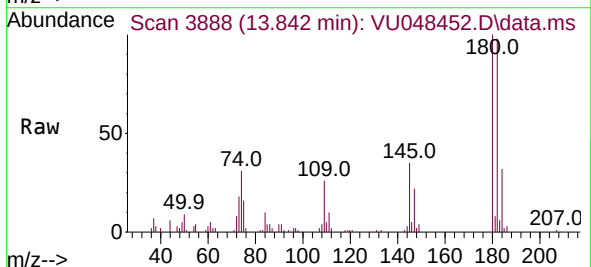
Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

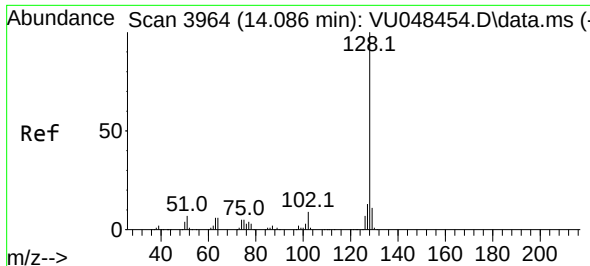
Tgt Ion:180	Resp:	24641
Ion Ratio	Lower	Upper
180	100	
182	97.1	75.7 113.5
184	27.1	23.8 35.8
145	31.4	24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 7.387 ug/L
RT: 13.842 min Scan# 3888
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion:180	Resp:	23841
Ion Ratio	Lower	Upper
180	100	
182	92.4	77.1 115.7
145	33.0	24.9 37.3

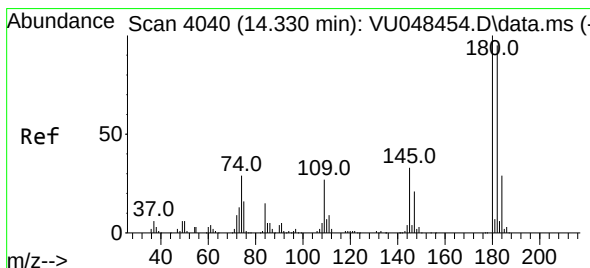
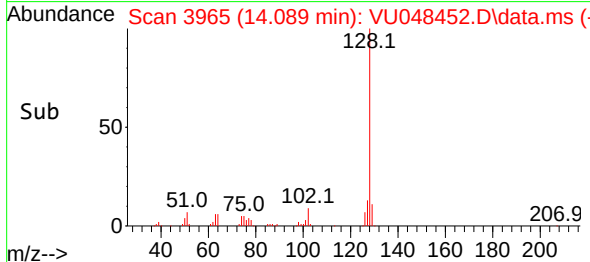
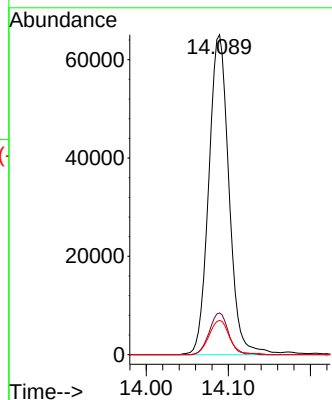
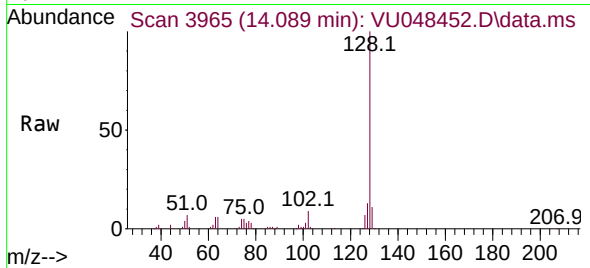




#71
Naphthalene
Concen: 11.736 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.004 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD005062

Tgt Ion:128 Resp: 111612
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 8.032 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048452.D
Acq: 06 May 2022 13:24

Tgt Ion:180 Resp: 26595
Ion Ratio Lower Upper
180 100
182 98.6 75.4 113.2
145 36.6 26.4 39.6

