

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048260.D
 Acq On : 25 Apr 2022 10:18
 Operator : SY/MD
 Sample : VSTD01057
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010057

Quant Time: Apr 26 02:19:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:18:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	346540	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	372399	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	204172	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34584	13.144	ug/L	0.00
7) Chloroethane-d5	1.887	69	27263	13.222	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	54961	11.495	ug/L	0.00
21) 2-Butanone-d5	4.626	46	55766	24.452	ug/L	0.00
24) Chloroform-d	5.064	84	63331	13.053	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	37771	12.802	ug/L	0.00
32) Benzene-d6	5.726	84	125814	12.796	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.691	67	40913	13.259	ug/L	0.00
41) Toluene-d8	7.896	98	109068	11.540	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	16859	11.100	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	37576	20.655	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	71712	13.341	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	49929	13.007	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	28614	8.806	ug/L	99
3) Chloromethane	1.520	50	34232	10.795	ug/L	98
5) Vinyl chloride	1.607	62	33380	10.264	ug/L	97
6) Bromomethane	1.832	94	13915	8.314	ug/L	98
8) Chloroethane	1.913	64	19846	9.789	ug/L	95
9) Trichlorofluoromethane	2.128	101	43031	9.466	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	29080	10.840	ug/L	99
12) 1,1-Dichloroethene	2.575	96	25123	10.141	ug/L	92
13) Acetone	2.626	43	34683	16.800	ug/L	99
14) Carbon disulfide	2.790	76	59983	7.988	ug/L	98
15) Methyl Acetate	2.948	43	38471	11.244	ug/L	95
16) Methylene chloride	3.048	84	32285	11.079	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	25239	9.481	ug/L	97
18) Methyl tert-butyl Ether	3.363	73	79619	10.214	ug/L	99
19) 1,1-Dichloroethane	3.868	63	53795	11.337	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	29572	9.893	ug/L	99
22) 2-Butanone	4.707	43	53465	19.411	ug/L	99
23) Bromochloromethane	4.977	128	17191	10.535	ug/L	92
25) Chloroform	5.089	83	55945	11.034	ug/L	98
27) 1,2-Dichloroethane	5.793	62	40905	10.555	ug/L	99
29) Cyclohexane	5.388	56	34142	8.648	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	44865	10.135	ug/L	99
31) Carbon tetrachloride	5.523	117	38147	9.676	ug/L	100
33) Benzene	5.774	78	118074	10.372	ug/L	100
34) Trichloroethene	6.543	95	28822	9.816	ug/L	99
35) Methylcyclohexane	6.761	83	36103	8.119	ug/L	97
37) 1,2-Dichloropropane	6.790	63	33763	11.381	ug/L	98
38) Bromodichloromethane	7.105	83	41462	10.412	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	44053	9.763	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	94041	19.846	ug/L	98
42) Toluene	7.970	91	118292	9.532	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43027	9.571	ug/L	95

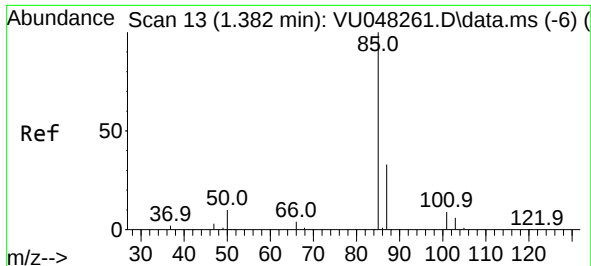
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048260.D
 Acq On : 25 Apr 2022 10:18
 Operator : SY/MD
 Sample : VSTD01057
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010057

Quant Time: Apr 26 02:19:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:18:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	35315	11.233	ug/L	97
46) Tetrachloroethene	8.555	164	24485	9.324	ug/L	97
48) 2-Hexanone	8.687	43	77417	19.150	ug/L	96
49) Dibromochloromethane	8.809	129	38495	10.704	ug/L	93
50) 1,2-Dibromoethane	8.925	107	35783	10.401	ug/L	98
51) Chlorobenzene	9.449	112	88609	10.400	ug/L	99
52) Ethylbenzene	9.571	91	117892	8.981	ug/L	99
53) m,p-Xylene	9.697	106	45164	8.737	ug/L	96
54) o-Xylene	10.102	106	44980	8.787	ug/L	94
55) Styrene	10.115	104	75063	8.553	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	70836	11.828	ug/L	97
59) Bromoform	10.295	173	32289	11.495	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	53606	12.666	ug/L	99
61) Isopropylbenzene	10.485	105	113590	9.614	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	56269	8.758	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	83515	8.492	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	68457	10.436	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	71960	10.701	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	72868	11.079	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	12929	9.915	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	48350	9.236	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	34097	7.594	ug/L	100
71) Naphthalene	14.089	128	83031	6.208	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	34888	7.703	ug/L	98

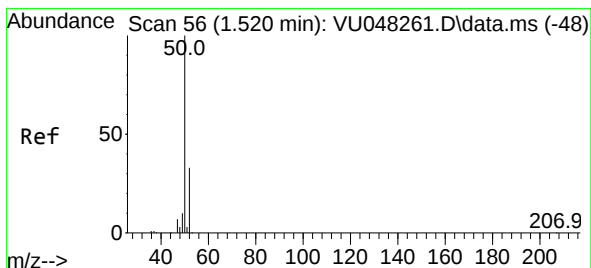
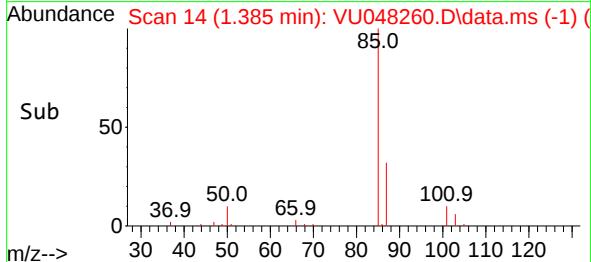
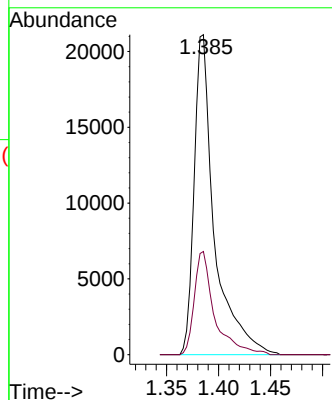
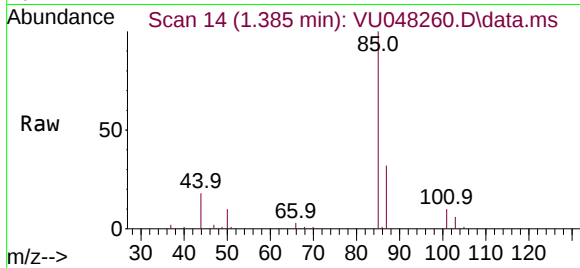
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 8.806 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.003 min
 Lab File: VU048260.D
 Acq: 25 Apr 2022 10:18

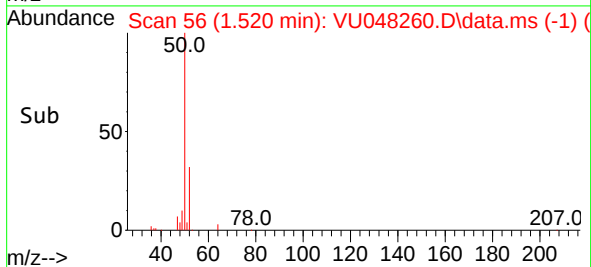
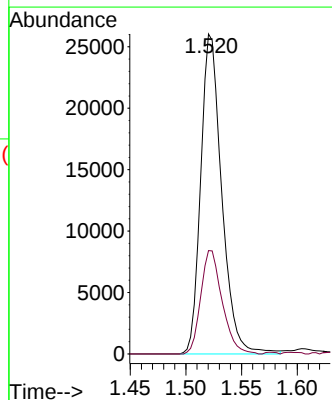
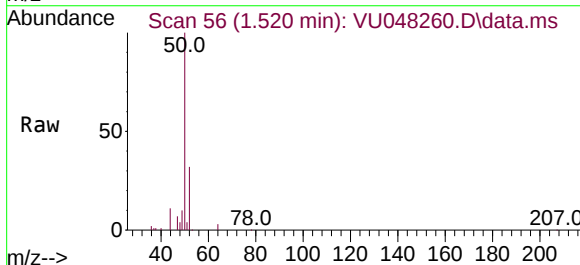
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010057

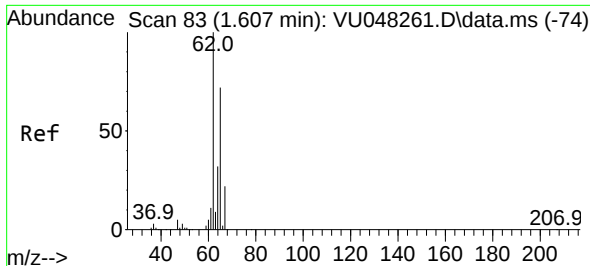
Tgt Ion: 85 Resp: 28614
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.1 39.1



#3
 Chloromethane
 Concen: 10.795 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU048260.D
 Acq: 25 Apr 2022 10:18

Tgt Ion: 50 Resp: 34232
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2

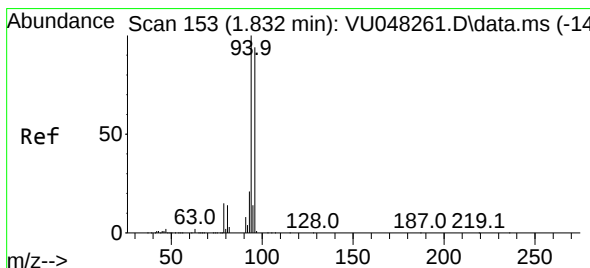
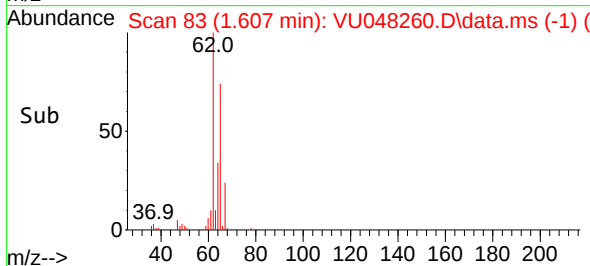
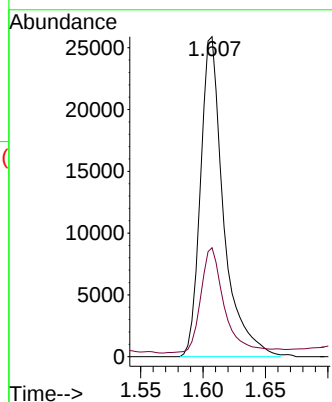
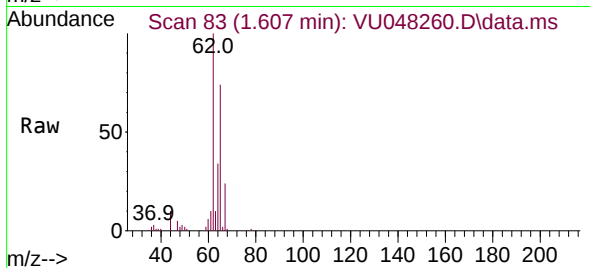




#5
 Vinyl chloride
 Concen: 10.264 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU048260.D
 Acq: 25 Apr 2022 10:18

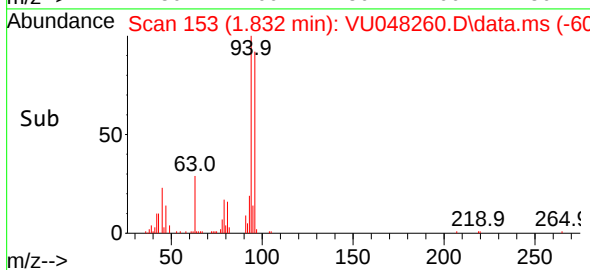
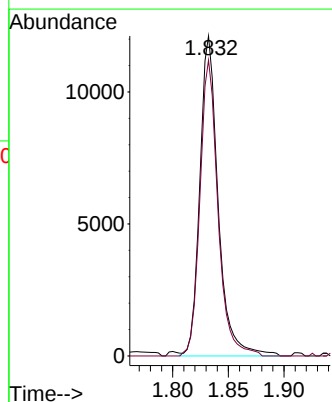
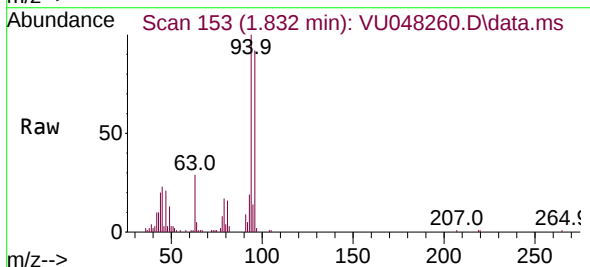
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010057

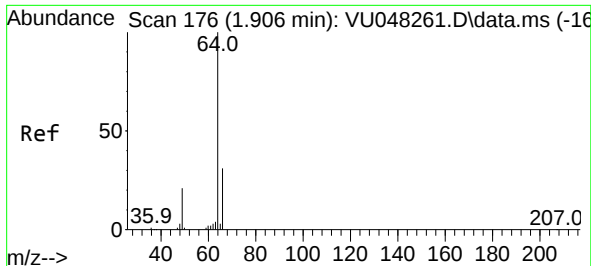
Tgt Ion: 62 Resp: 33380
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.5 41.7



#6
 Bromomethane
 Concen: 8.314 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. 0.000 min
 Lab File: VU048260.D
 Acq: 25 Apr 2022 10:18

Tgt Ion: 94 Resp: 13915
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.8 122.2

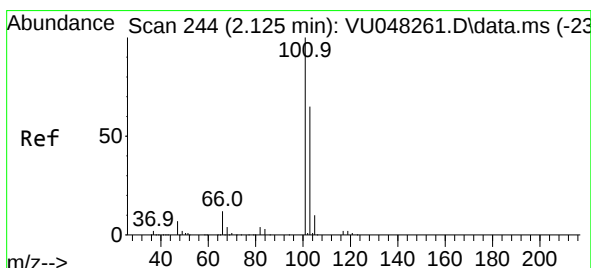
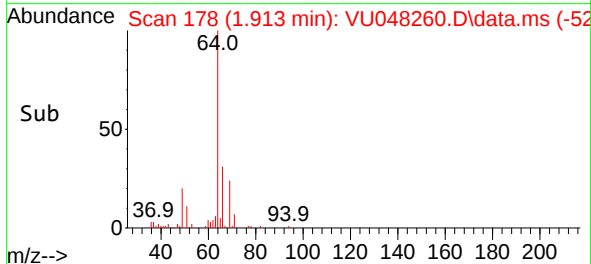
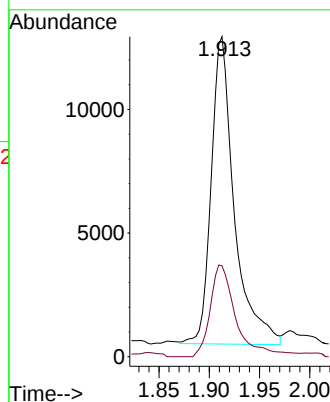
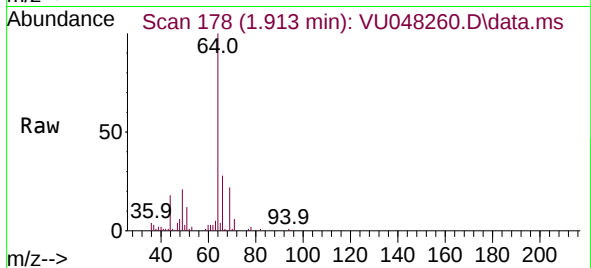




#8
Chloroethane
Concen: 9.789 ug/L
RT: 1.913 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

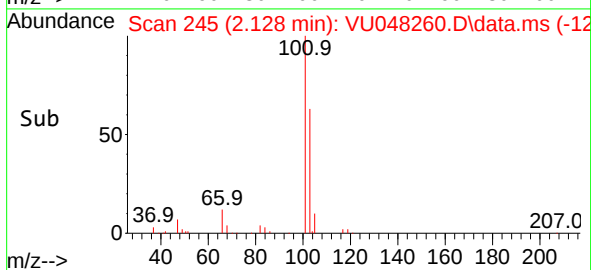
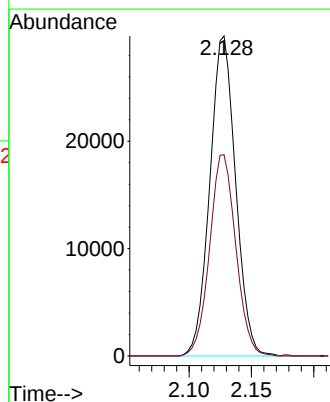
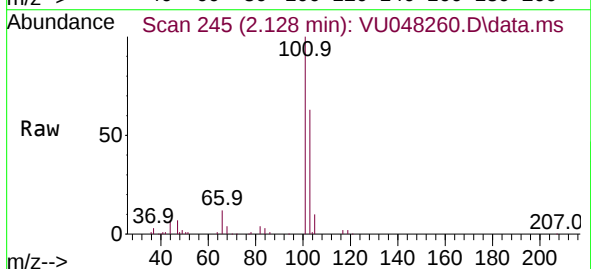
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

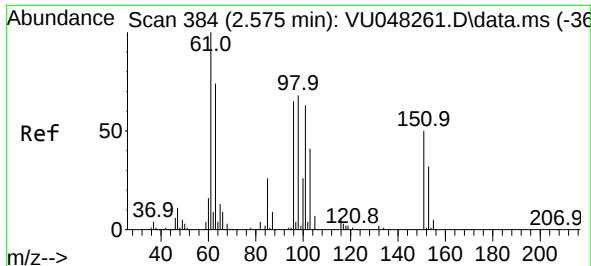
Tgt Ion: 64 Resp: 19846
Ion Ratio Lower Upper
64 100
66 28.4 21.9 40.7



#9
Trichlorofluoromethane
Concen: 9.466 ug/L
RT: 2.128 min Scan# 245
Delta R.T. 0.003 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion:101 Resp: 43031
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9

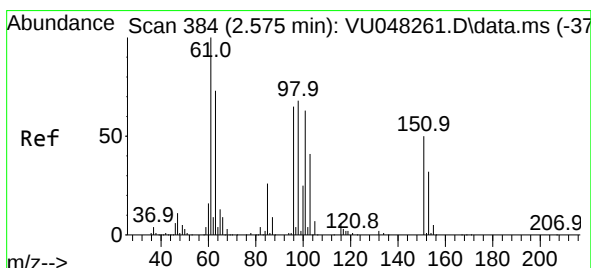
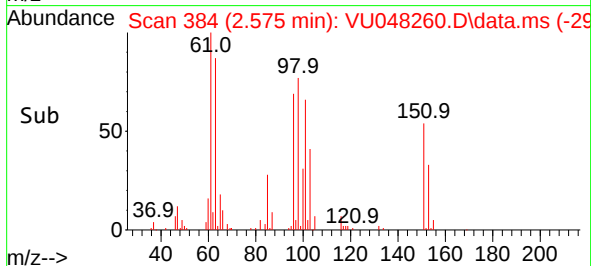
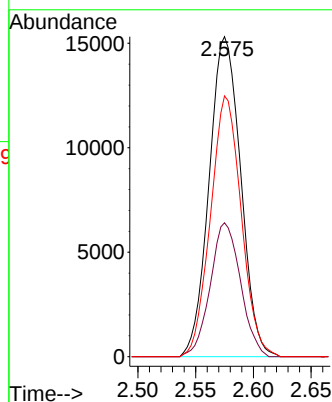
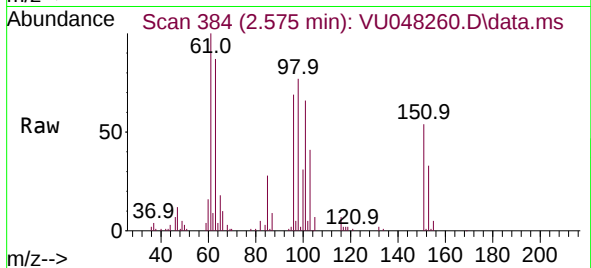




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.840 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

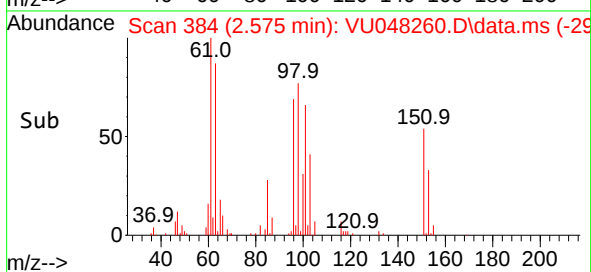
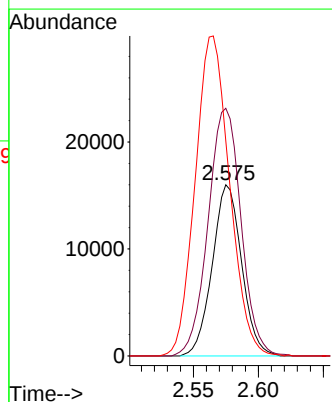
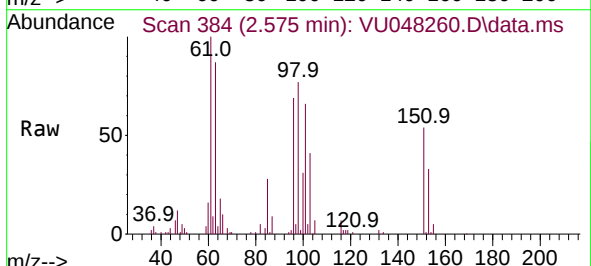
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

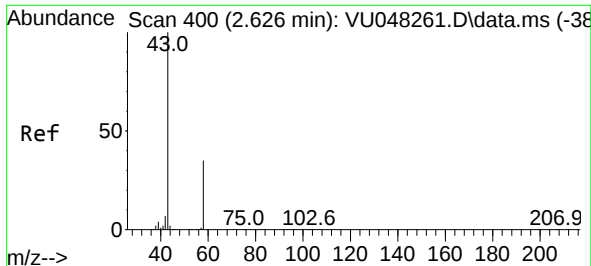
Tgt Ion:101 Resp: 29080
Ion Ratio Lower Upper
101 100
85 40.1 32.6 48.8
151 79.3 64.1 96.1



#12
1,1-Dichloroethene
Concen: 10.141 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion: 96 Resp: 25123
Ion Ratio Lower Upper
96 100
61 144.7 107.9 200.3
63 125.6 80.3 149.1





#13

Acetone

Concen: 16.800 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

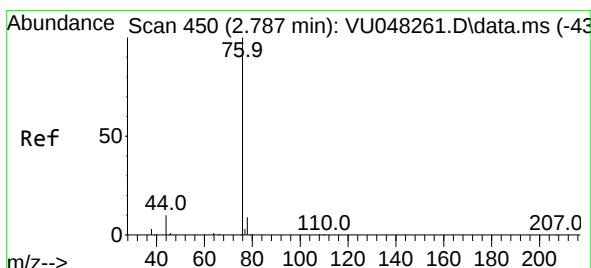
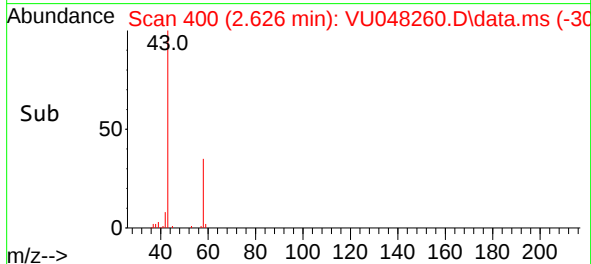
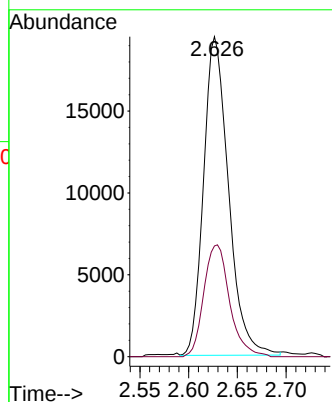
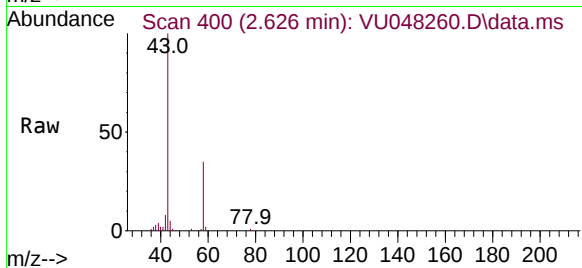
VSTD010057

Tgt Ion: 43 Resp: 34683

Ion Ratio Lower Upper

43 100

58 36.3 0.0 71.2



#14

Carbon disulfide

Concen: 7.988 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU048260.D

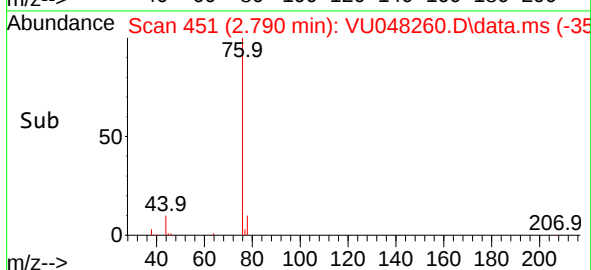
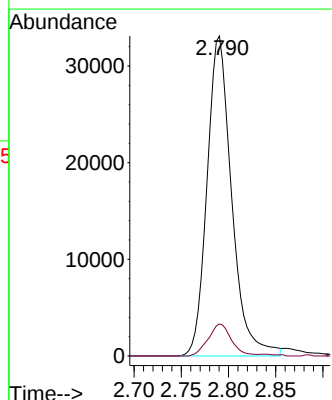
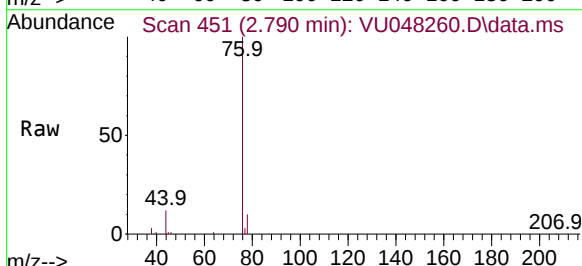
Acq: 25 Apr 2022 10:18

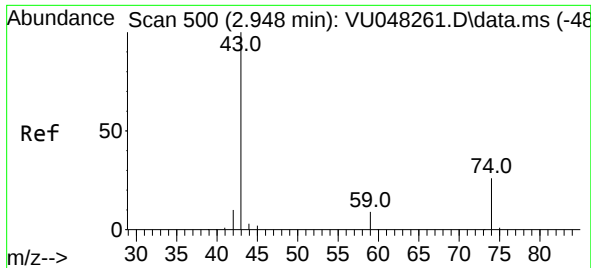
Tgt Ion: 76 Resp: 59983

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2

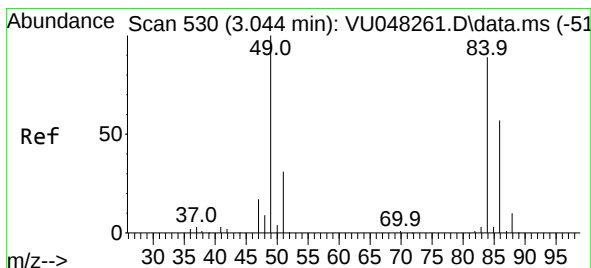
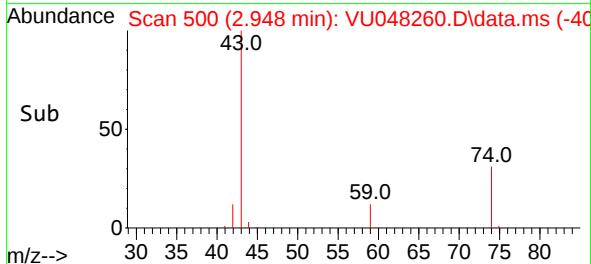
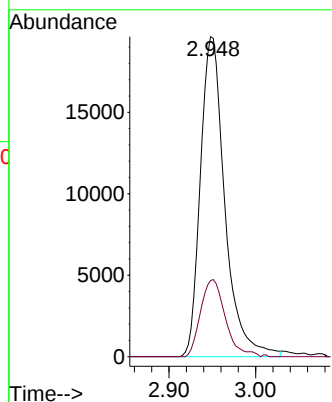
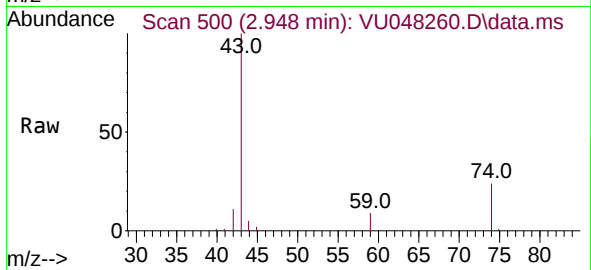




#15
Methyl Acetate
Concen: 11.244 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

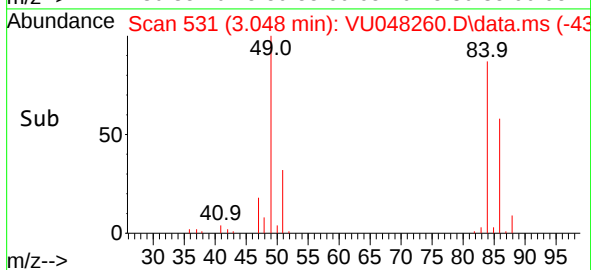
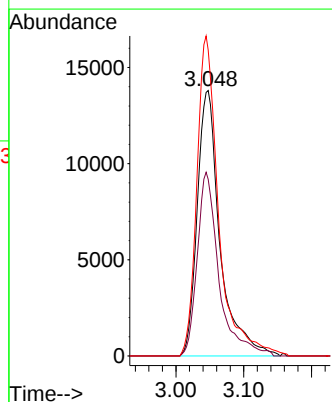
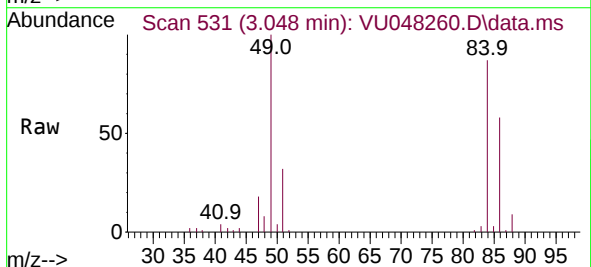
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

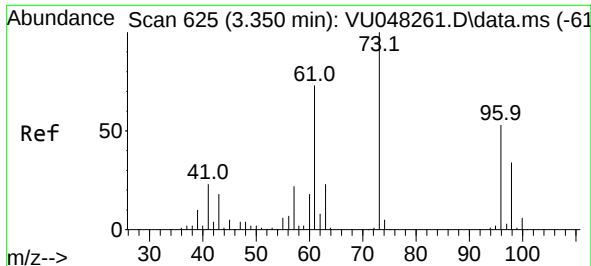
Tgt Ion: 43 Resp: 38471
Ion Ratio Lower Upper
43 100
74 23.9 21.0 31.6



#16
Methylene chloride
Concen: 11.079 ug/L
RT: 3.048 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion: 84 Resp: 32285
Ion Ratio Lower Upper
84 100
86 66.5 45.4 84.2
49 115.2 79.2 147.0

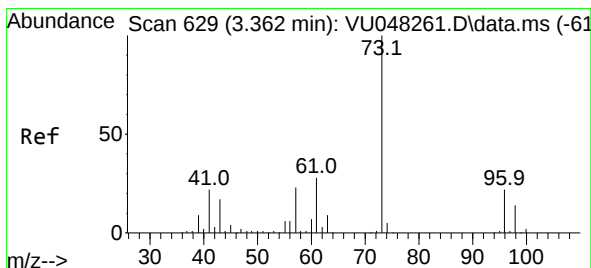
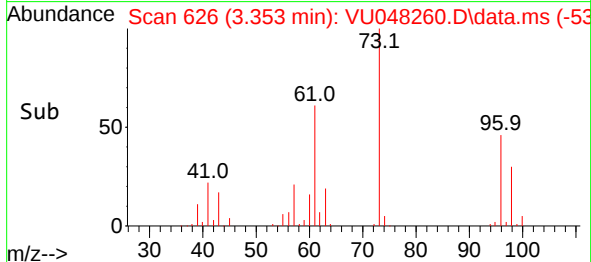
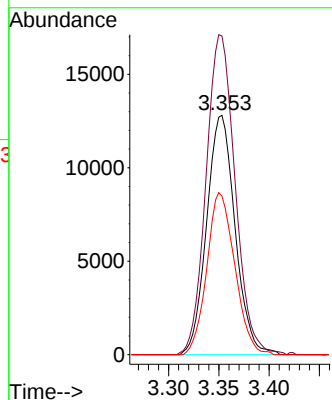
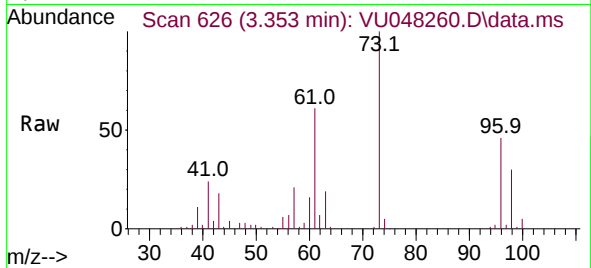




#17
trans-1,2-Dichloroethene
Concen: 9.481 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

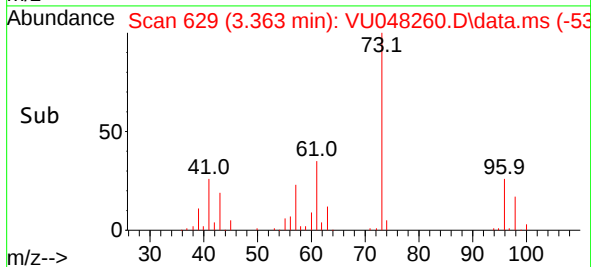
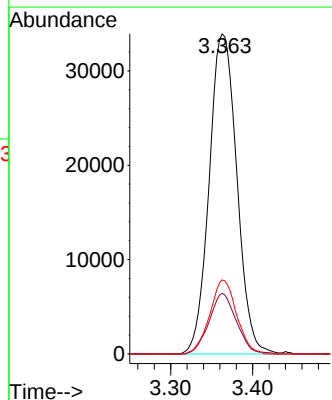
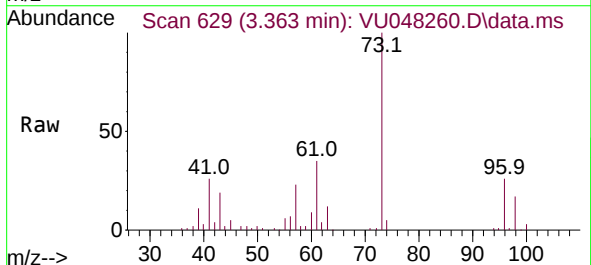
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

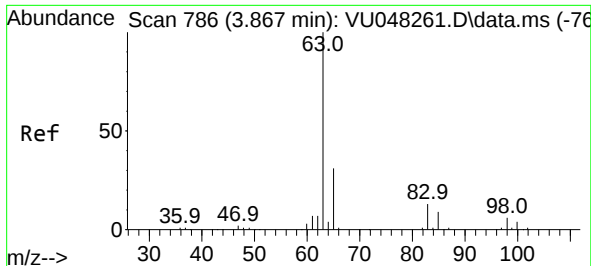
Tgt Ion: 96 Resp: 25239
Ion Ratio Lower Upper
96 100
61 133.2 95.2 176.8
98 66.2 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 10.214 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion: 73 Resp: 79619
Ion Ratio Lower Upper
73 100
43 18.7 13.8 20.6
57 22.4 17.9 26.9





#19

1,1-Dichloroethane

Concen: 11.337 ug/L

RT: 3.868 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD010057

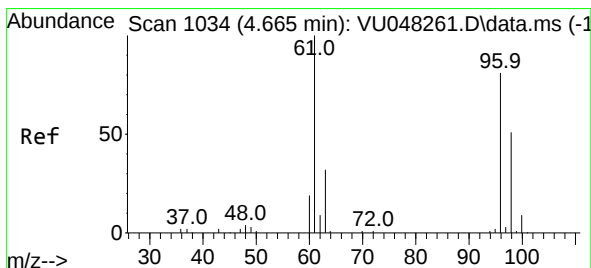
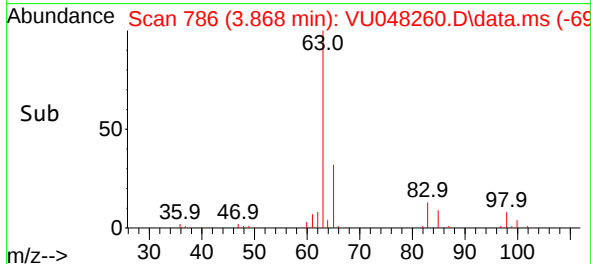
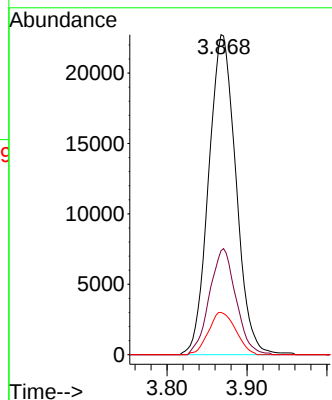
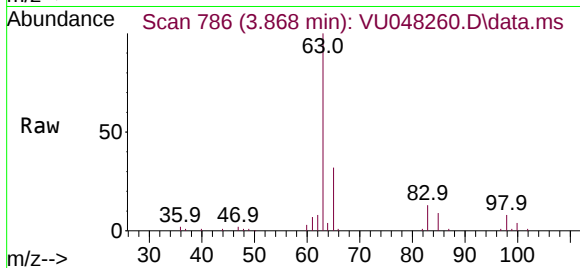
Tgt Ion: 63 Resp: 53795

Ion Ratio Lower Upper

63 100

65 32.5 22.0 40.8

83 13.2 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 9.893 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

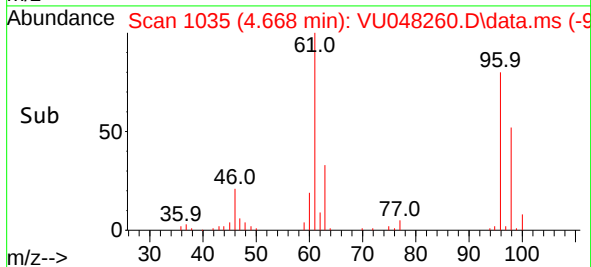
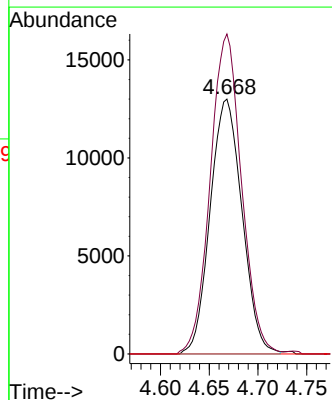
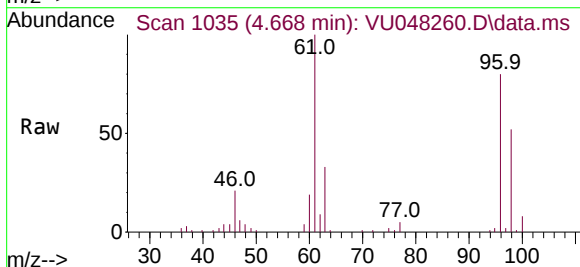
Tgt Ion: 96 Resp: 29572

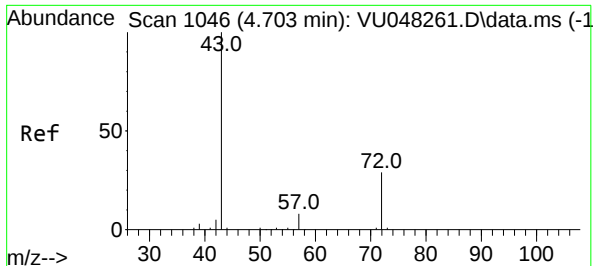
Ion Ratio Lower Upper

96 100

61 125.5 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 19.411 ug/L

RT: 4.707 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

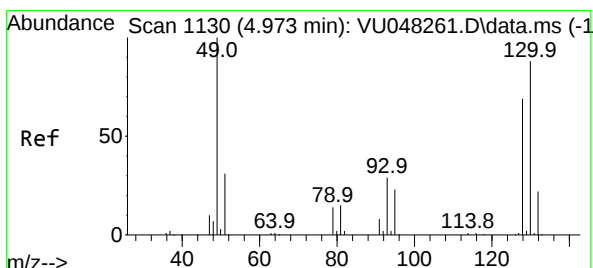
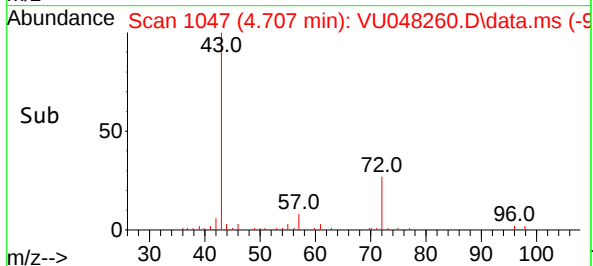
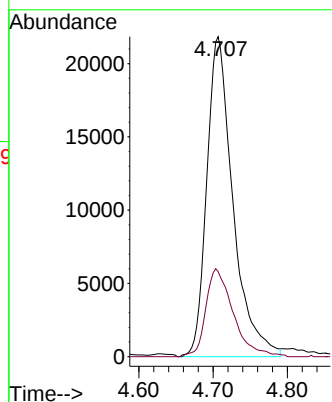
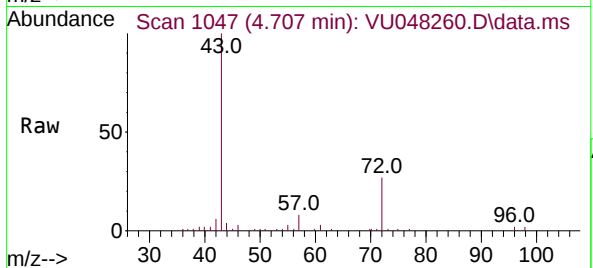
VSTD010057

Tgt Ion: 43 Resp: 53465

Ion Ratio Lower Upper

43 100

72 28.5 14.6 43.8



#23

Bromochloromethane

Concen: 10.535 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

Tgt Ion:128 Resp: 17191

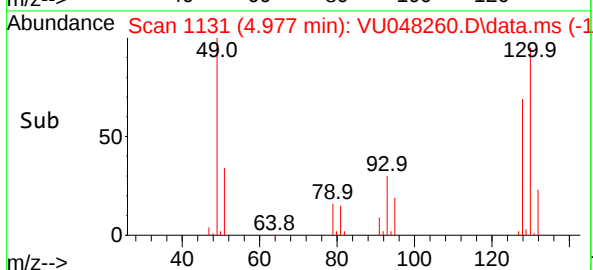
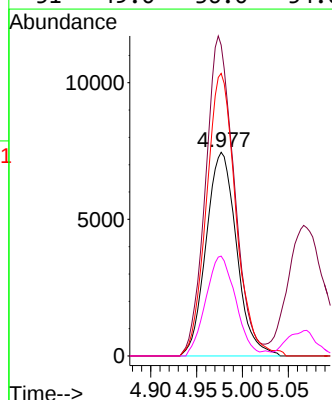
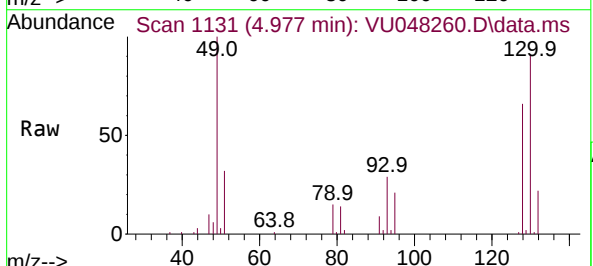
Ion Ratio Lower Upper

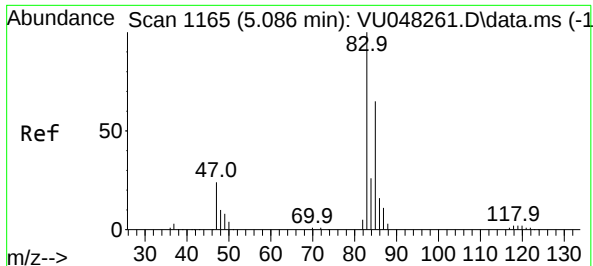
128 100

49 152.6 101.3 188.1

130 138.6 89.0 165.2

51 49.0 36.0 54.0





#25

Chloroform

Concen: 11.034 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

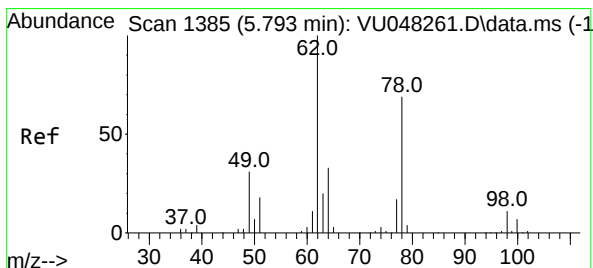
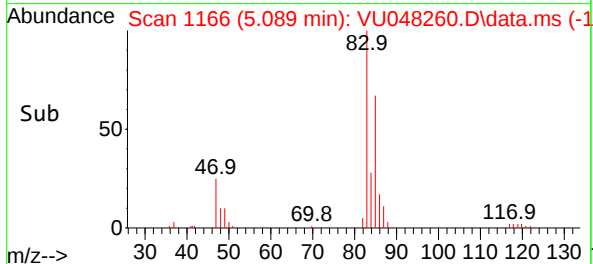
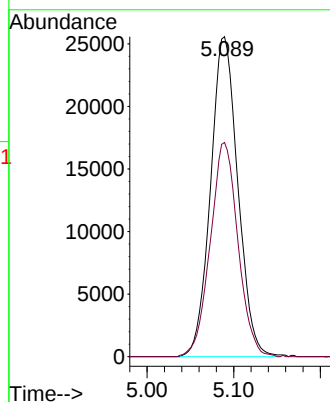
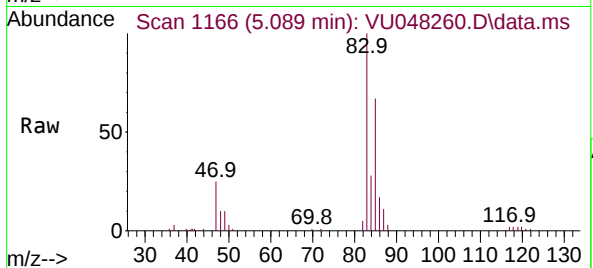
VSTD010057

Tgt Ion: 83 Resp: 55945

Ion Ratio Lower Upper

83 100

85 67.0 45.7 84.9



#27

1,2-Dichloroethane

Concen: 10.555 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU048260.D

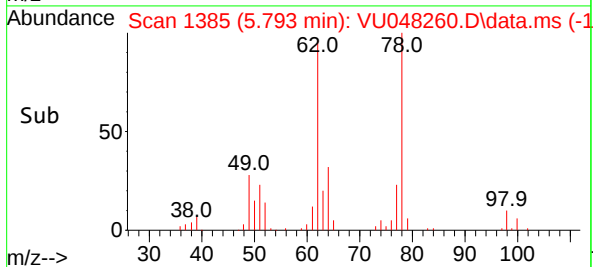
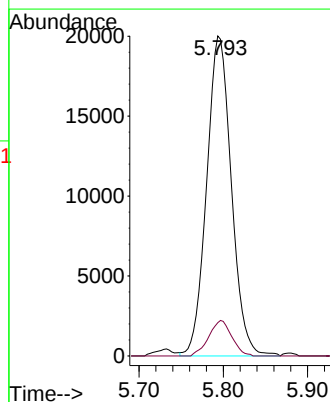
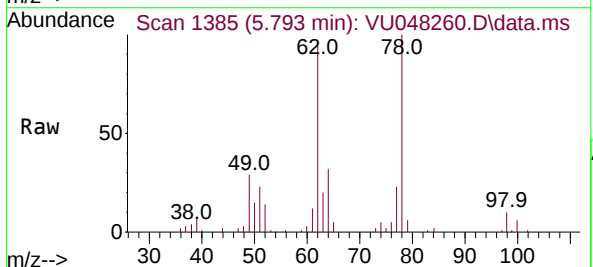
Acq: 25 Apr 2022 10:18

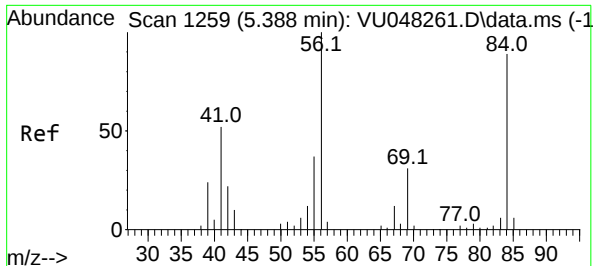
Tgt Ion: 62 Resp: 40905

Ion Ratio Lower Upper

62 100

98 10.4 8.5 12.7





#29

Cyclohexane

Concen: 8.648 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD010057

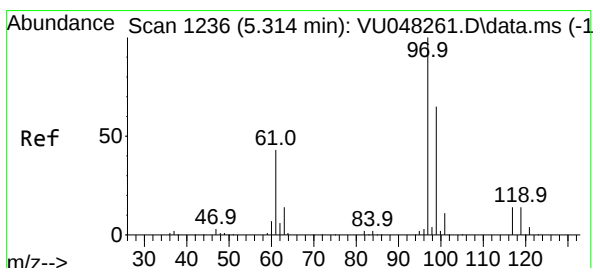
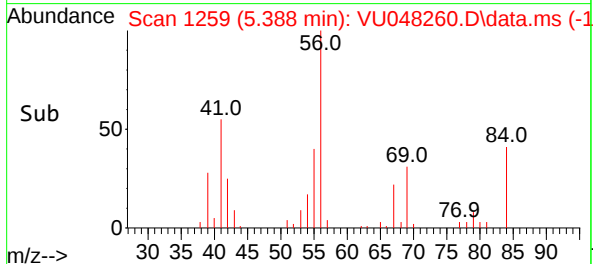
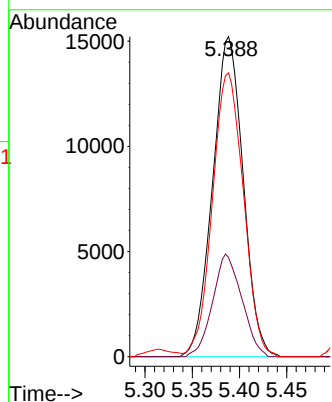
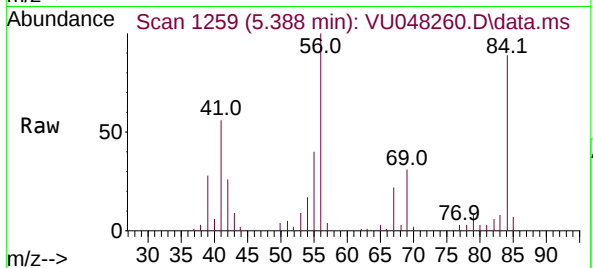
Tgt Ion: 56 Resp: 34142

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 90.0 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 10.135 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

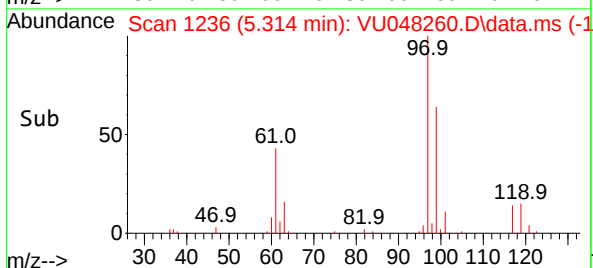
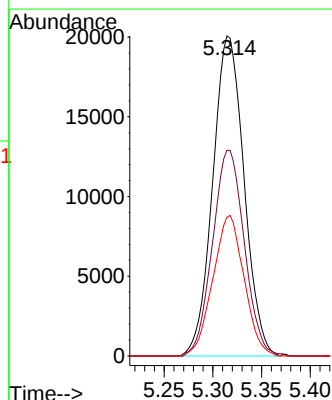
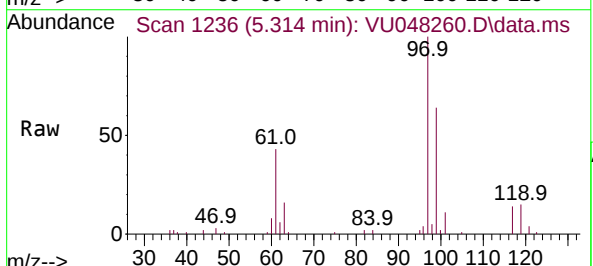
Tgt Ion: 97 Resp: 44865

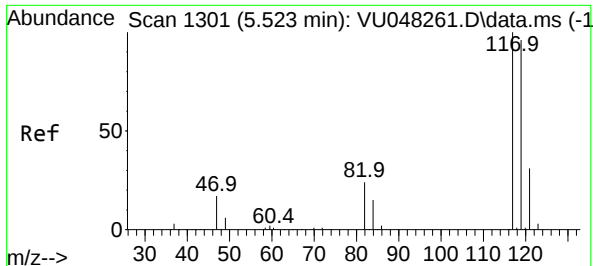
Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.8

61 43.7 33.9 50.9

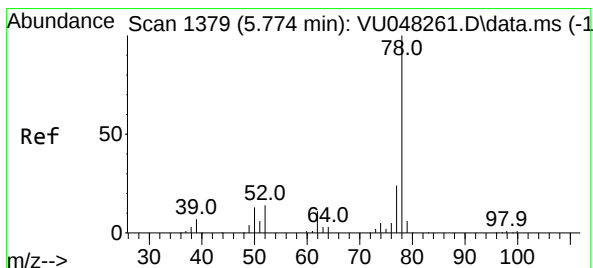
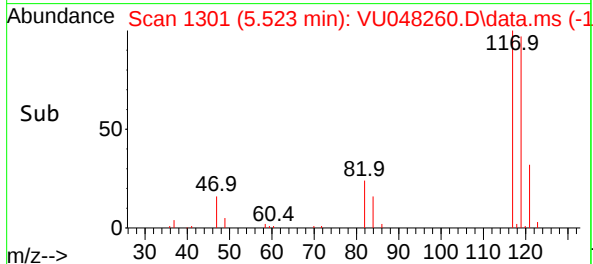
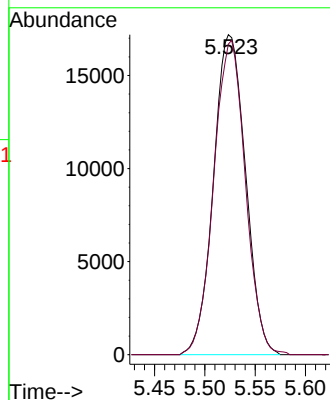
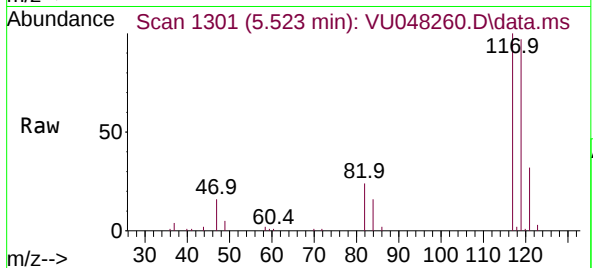




#31
Carbon tetrachloride
Concen: 9.676 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

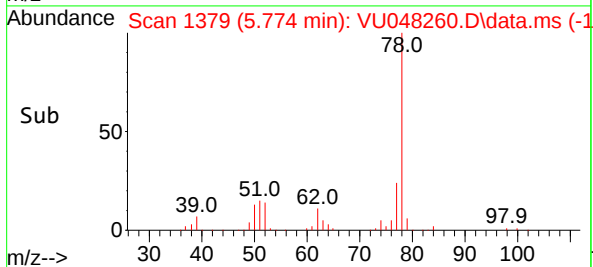
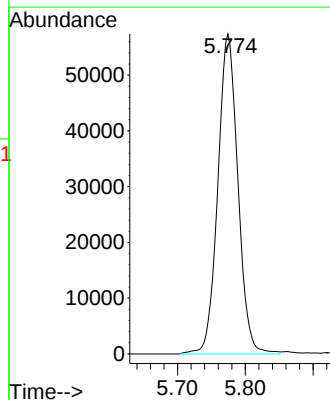
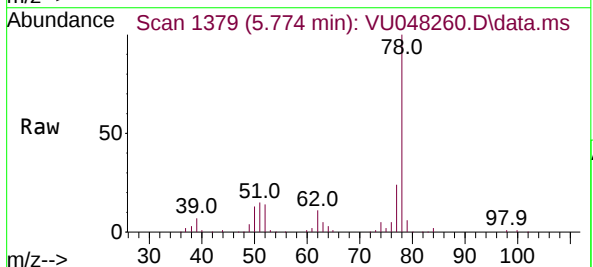
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

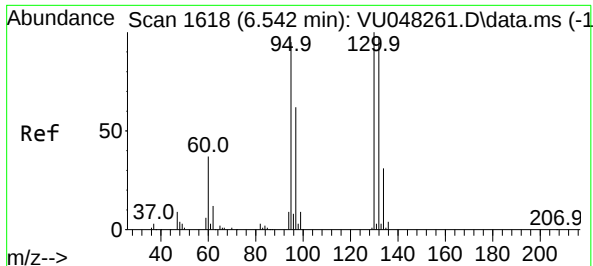
Tgt Ion:117 Resp: 38147
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7



#33
Benzene
Concen: 10.372 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion: 78 Resp: 118074

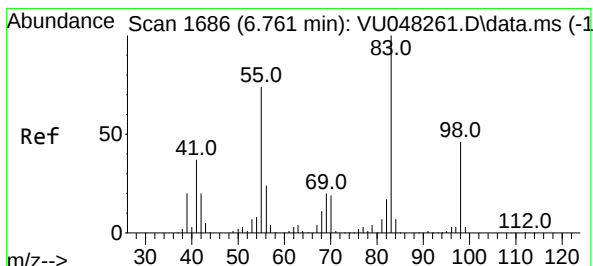
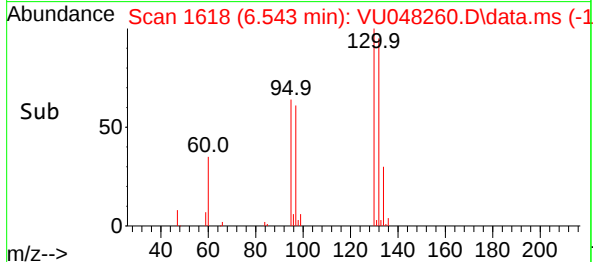
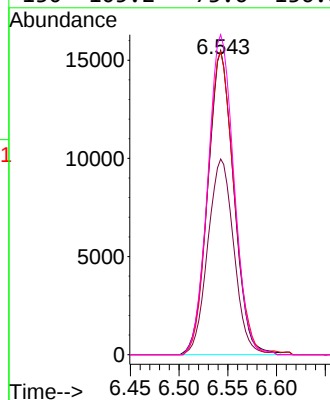
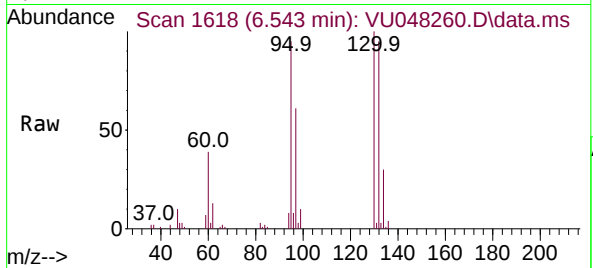




#34
Trichloroethene
Concen: 9.816 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

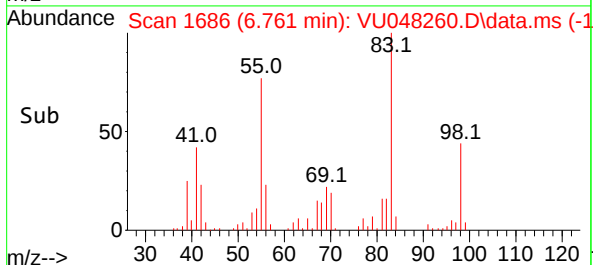
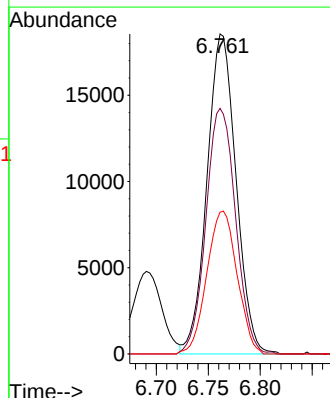
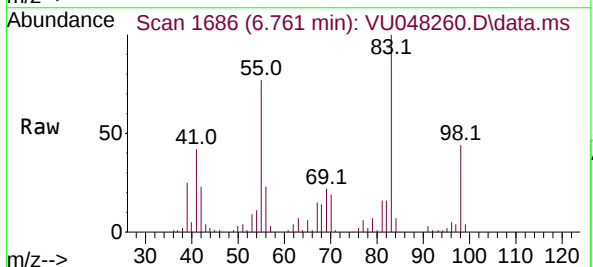
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

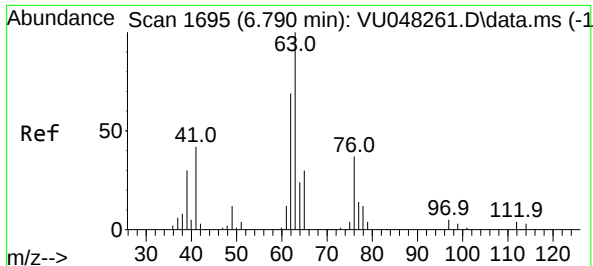
Tgt Ion: 95 Resp: 28822
Ion Ratio Lower Upper
95 100
97 64.4 45.8 85.2
132 99.7 71.6 133.0
130 105.2 73.6 136.8



#35
Methylcyclohexane
Concen: 8.119 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion: 83 Resp: 36103
Ion Ratio Lower Upper
83 100
55 78.3 59.4 89.2
98 46.5 37.3 55.9

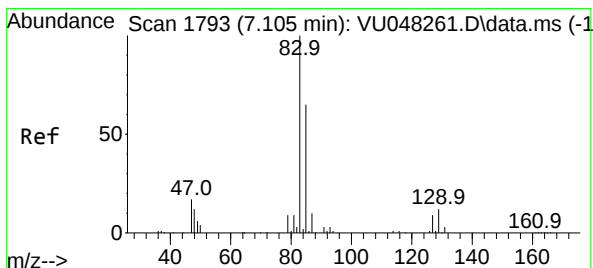
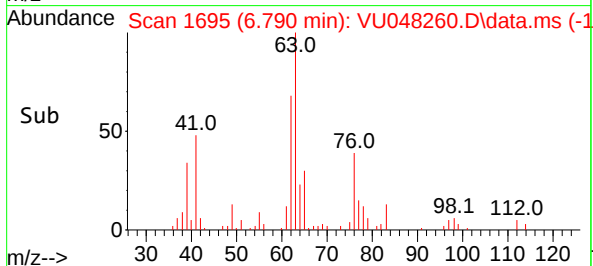
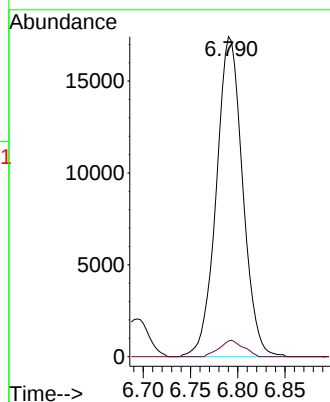
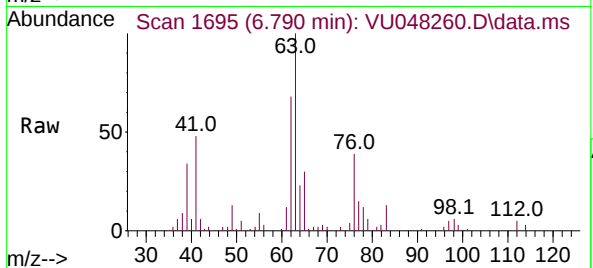




#37
1,2-Dichloropropane
Concen: 11.381 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

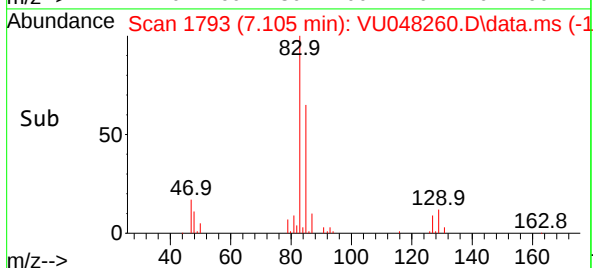
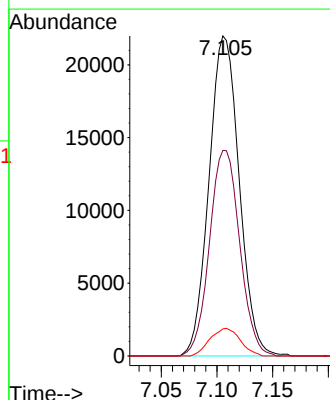
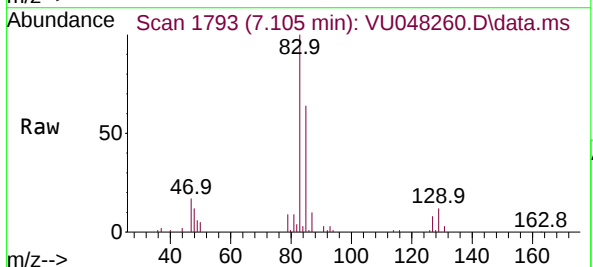
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

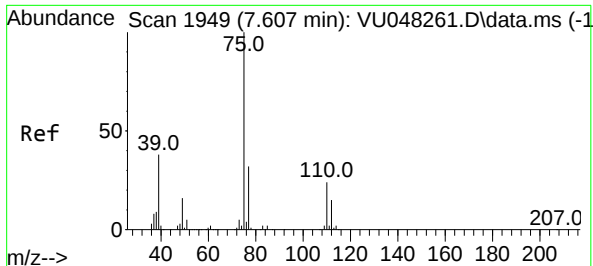
Tgt Ion: 63 Resp: 33763
Ion Ratio Lower Upper
63 100
112 4.6 3.1 4.7



#38
Bromodichloromethane
Concen: 10.412 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion: 83 Resp: 41462
Ion Ratio Lower Upper
83 100
85 64.3 45.3 84.1
127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 9.763 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

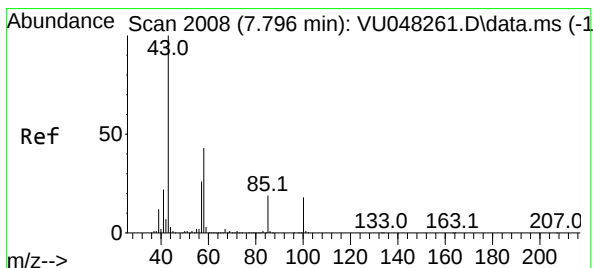
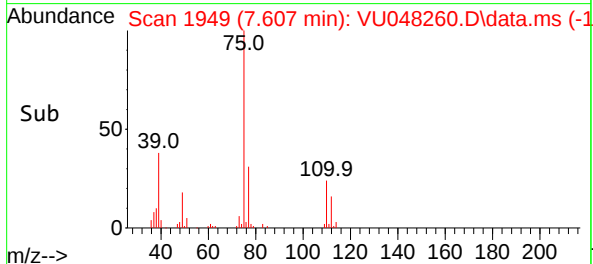
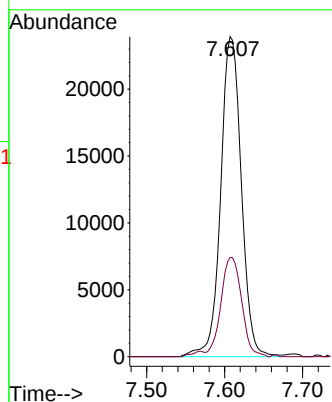
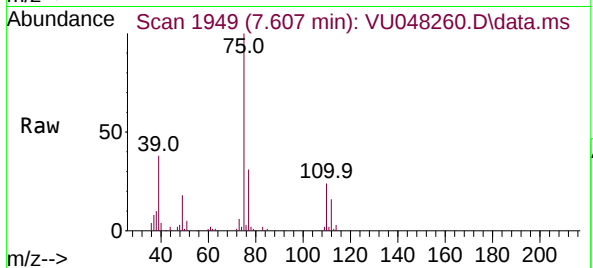
VSTD010057

Tgt Ion: 75 Resp: 44053

Ion Ratio Lower Upper

75 100

77 31.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 19.846 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

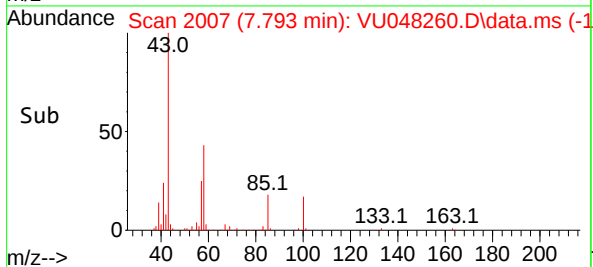
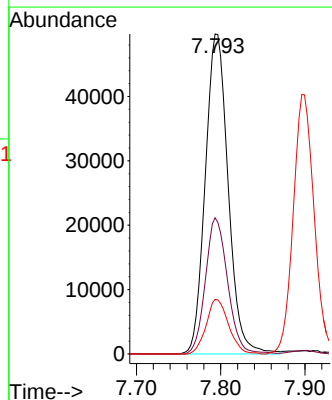
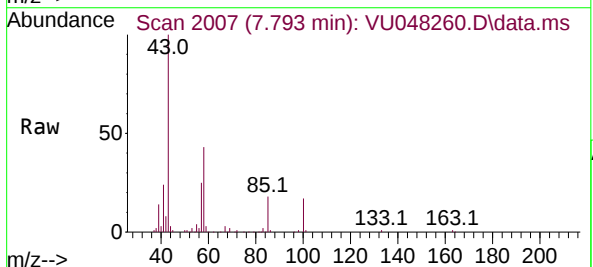
Tgt Ion: 43 Resp: 94041

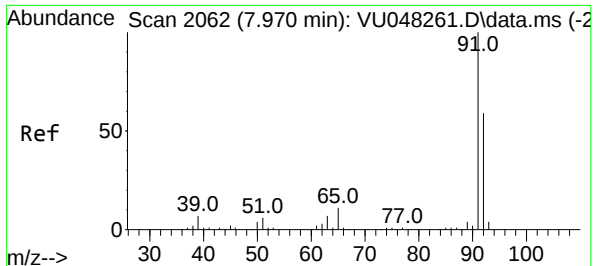
Ion Ratio Lower Upper

43 100

58 41.3 34.4 51.6

100 16.7 13.6 20.4

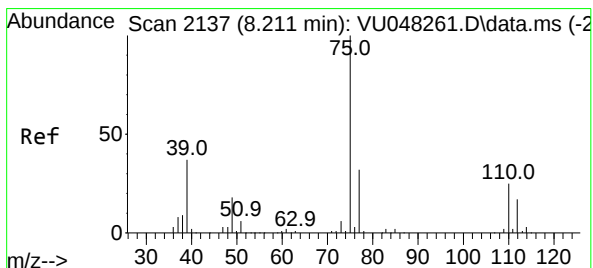
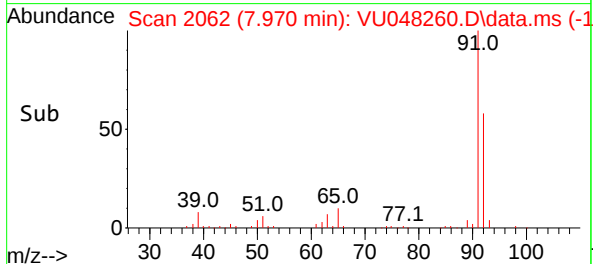
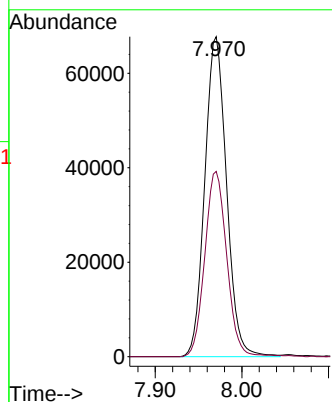
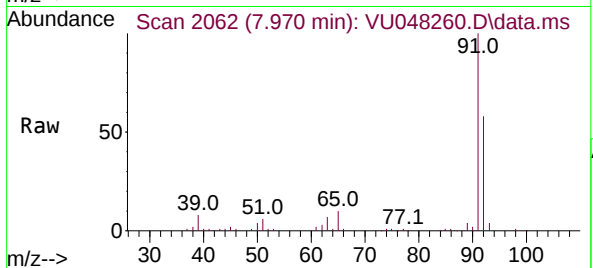




#42
Toluene
Concen: 9.532 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

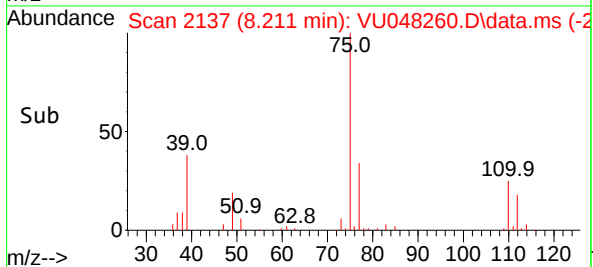
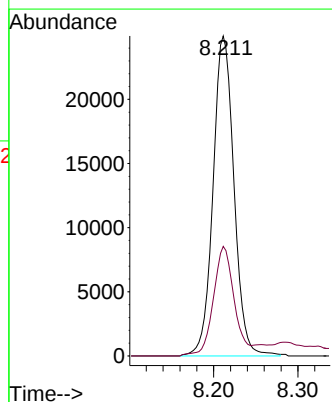
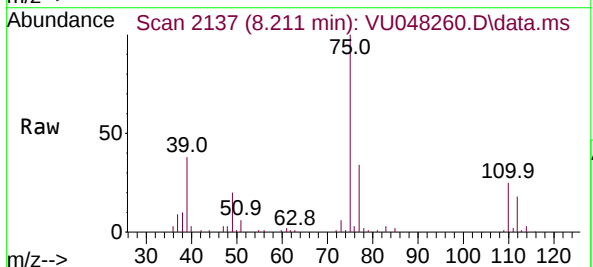
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

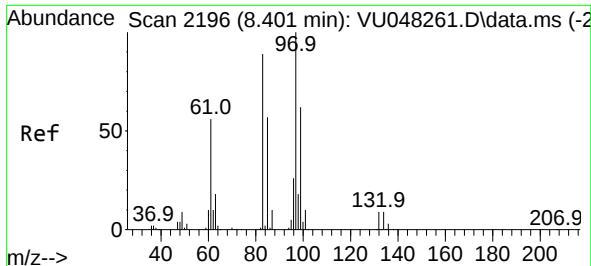
Tgt Ion: 91 Resp: 118292
Ion Ratio Lower Upper
91 100
92 57.9 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 9.571 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion: 75 Resp: 43027
Ion Ratio Lower Upper
75 100
77 34.3 22.1 41.1

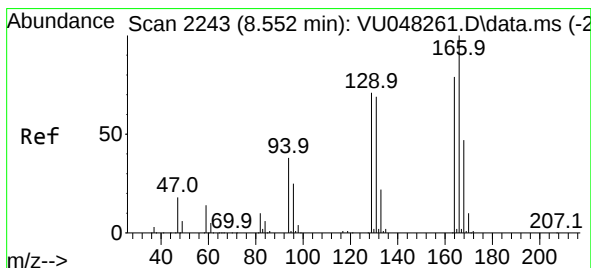
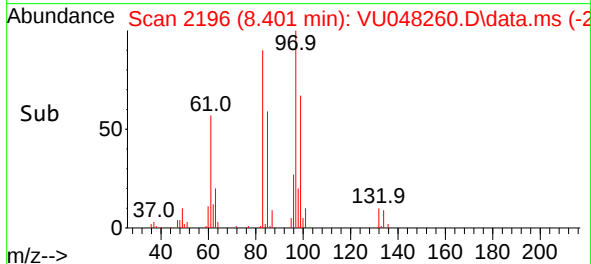
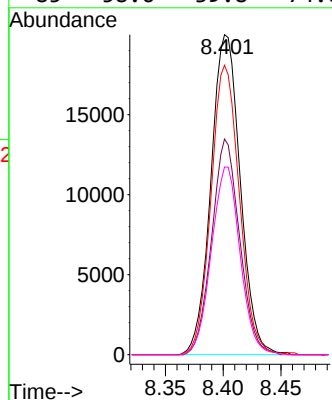
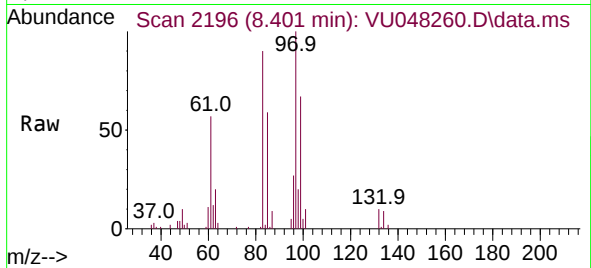




#45
1,1,2-Trichloroethane
Concen: 11.233 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

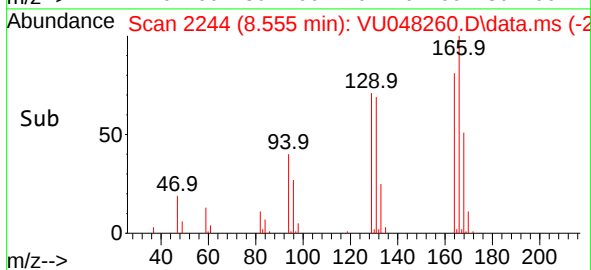
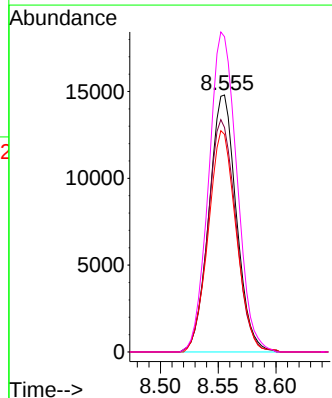
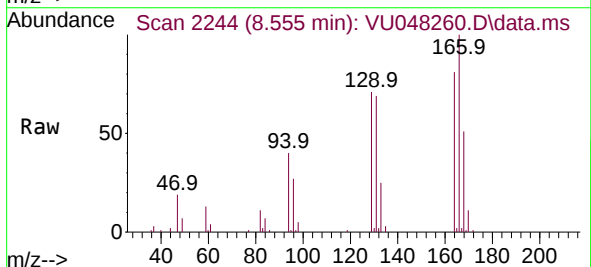
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

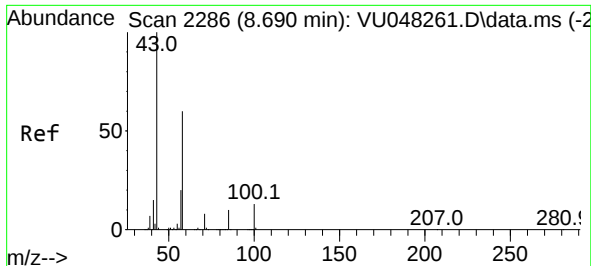
Tgt Ion:	97	Resp:	35315
Ion	Ratio	Lower	Upper
97	100		
99	67.4	43.7	81.1
83	90.4	62.6	116.2
85	58.6	39.8	74.0



#46
Tetrachloroethene
Concen: 9.324 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion:	164	Resp:	24485
Ion	Ratio	Lower	Upper
164	100		
129	87.4	63.3	117.7
131	84.7	61.2	113.6
166	122.7	88.9	165.1

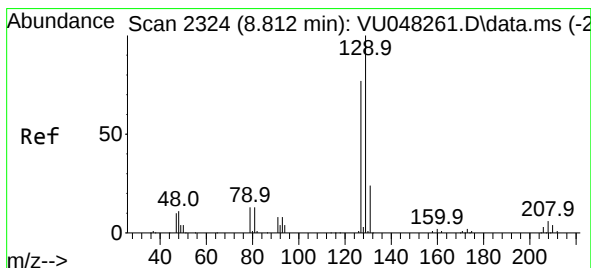
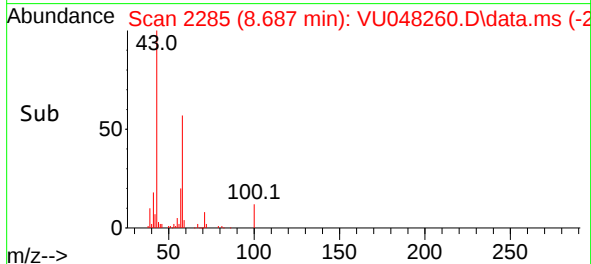
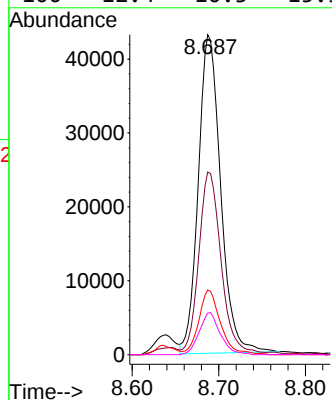
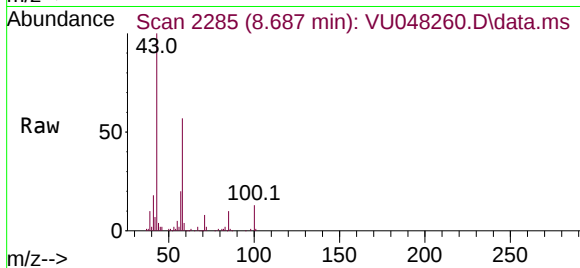




#48
2-Hexanone
Concen: 19.150 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

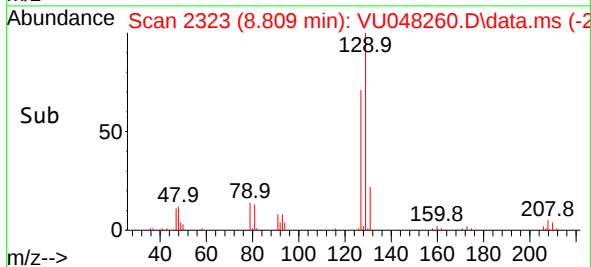
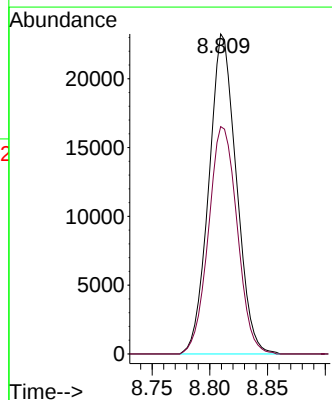
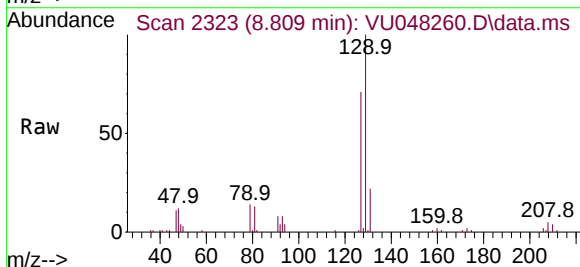
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

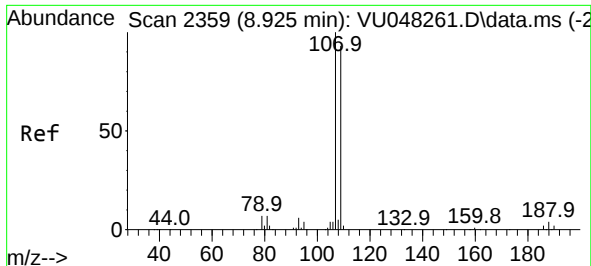
Tgt Ion: 43	Resp: 77417
Ion Ratio	Lower Upper
43 100	
58 55.9	48.1 72.1
57 19.7	16.2 24.4
100 12.4	10.3 15.5



#49
Dibromochloromethane
Concen: 10.704 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion:129	Resp: 38495		
Ion Ratio	Lower	Upper	
129 100			
127 71.1	53.8	99.8	

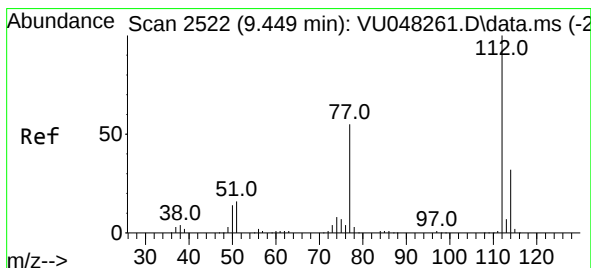
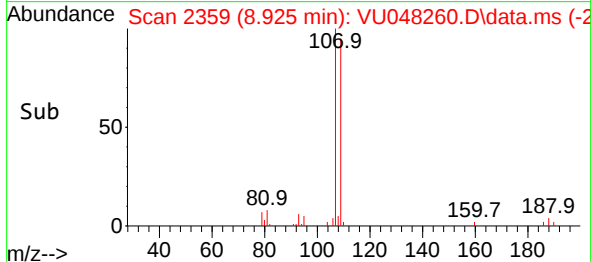
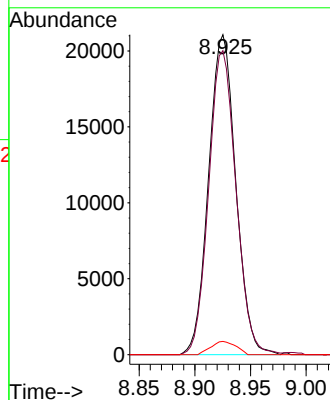
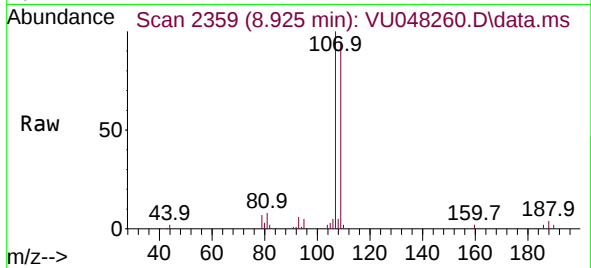




#50
1,2-Dibromoethane
Concen: 10.401 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

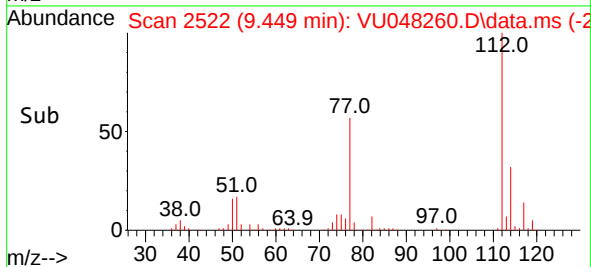
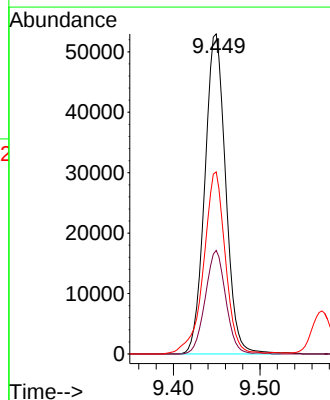
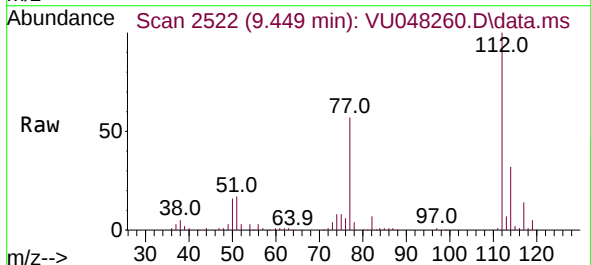
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

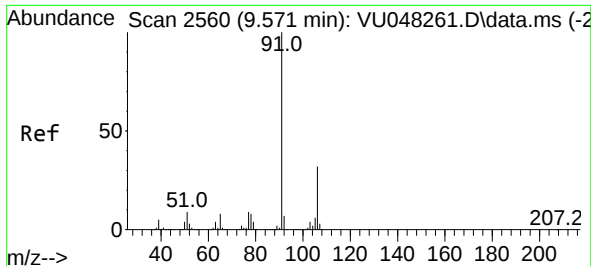
Tgt Ion:107 Resp: 35783
Ion Ratio Lower Upper
107 100
109 95.0 65.0 120.8
188 4.2 3.1 4.7



#51
Chlorobenzene
Concen: 10.400 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion:112 Resp: 88609
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.1
77 56.9 44.3 66.5

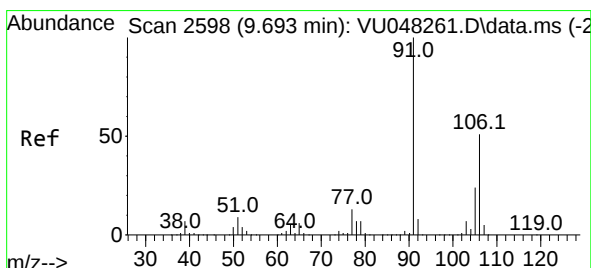
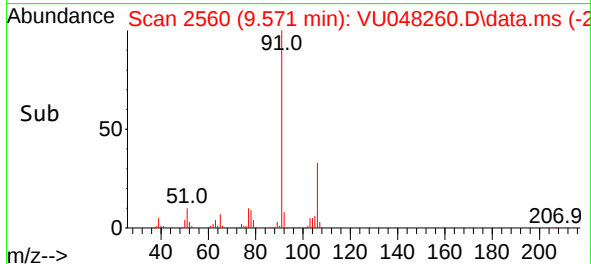
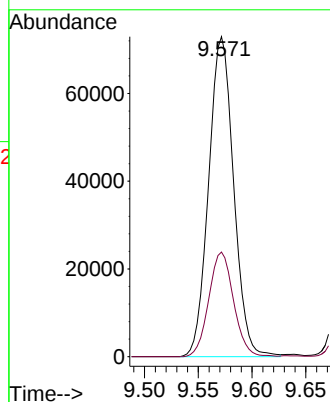
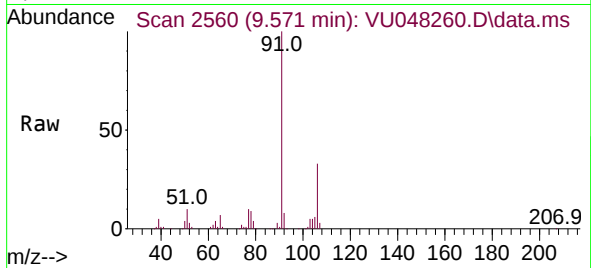




#52
Ethylbenzene
Concen: 8.981 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

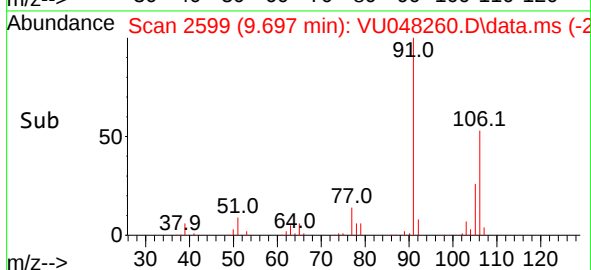
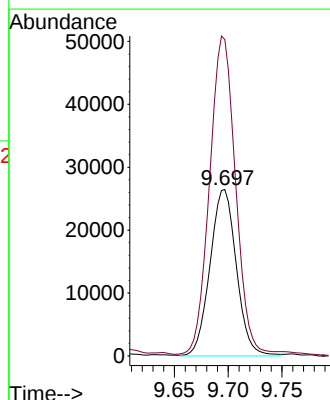
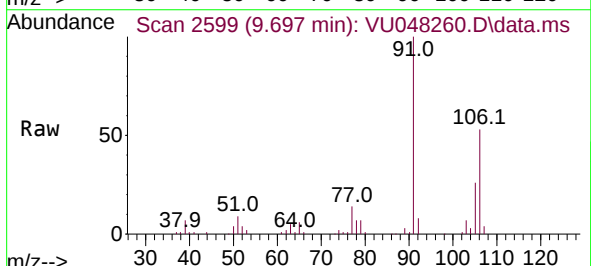
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

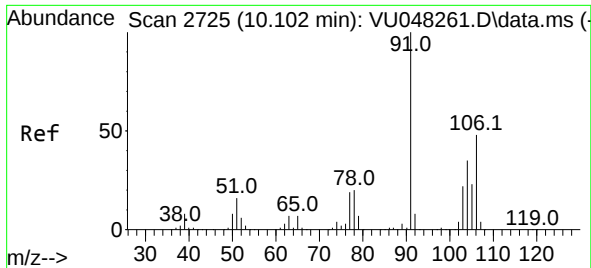
Tgt Ion: 91 Resp: 117892
Ion Ratio Lower Upper
91 100
106 32.7 22.5 41.9



#53
m,p-Xylene
Concen: 8.737 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion: 106 Resp: 45164
Ion Ratio Lower Upper
106 100
91 190.1 137.4 255.2

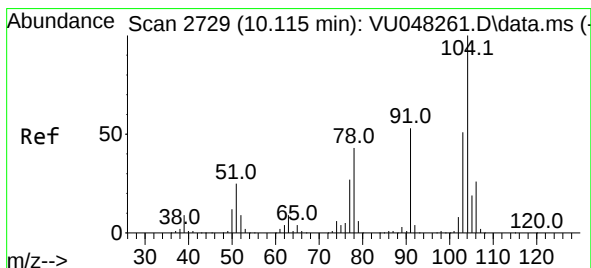
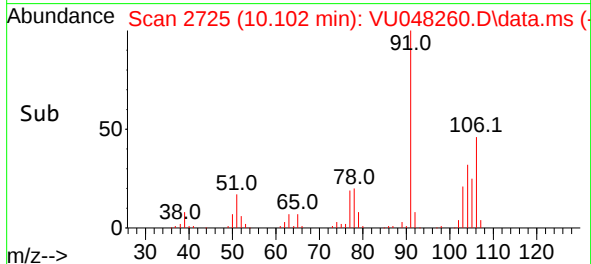
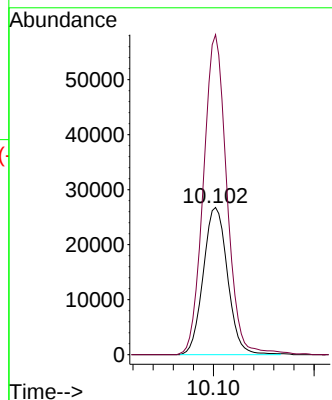
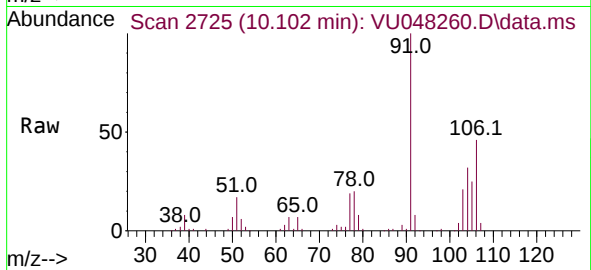




#54
o-Xylene
Concen: 8.787 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

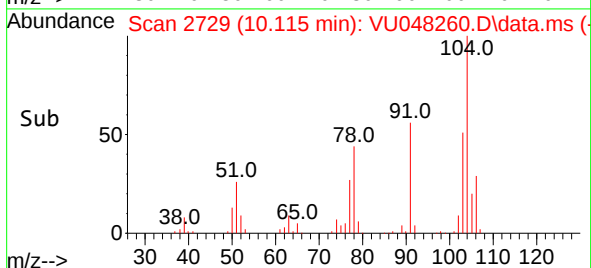
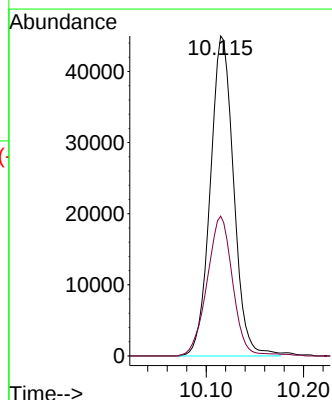
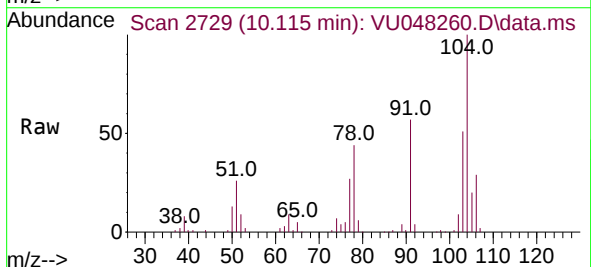
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

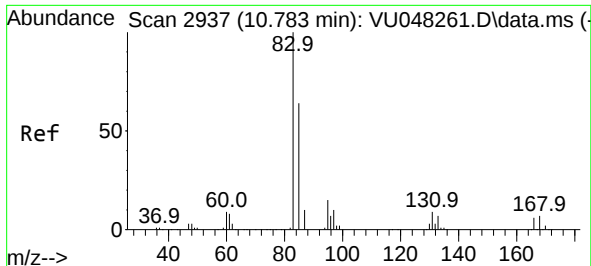
Tgt Ion:106 Resp: 44980
Ion Ratio Lower Upper
106 100
91 217.4 145.3 269.8



#55
Styrene
Concen: 8.553 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion:104 Resp: 75063
Ion Ratio Lower Upper
104 100
78 43.7 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 11.828 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD010057

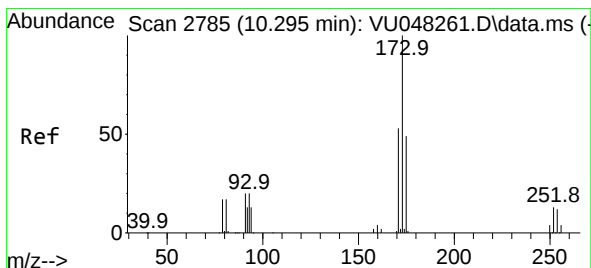
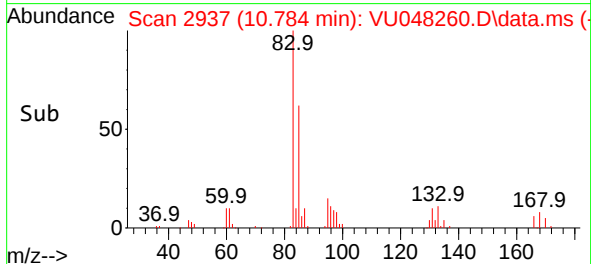
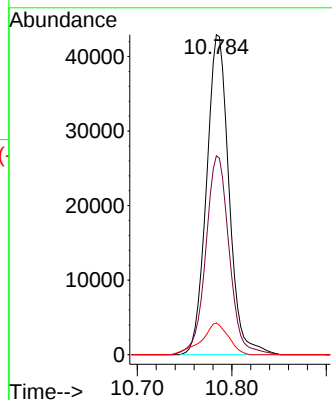
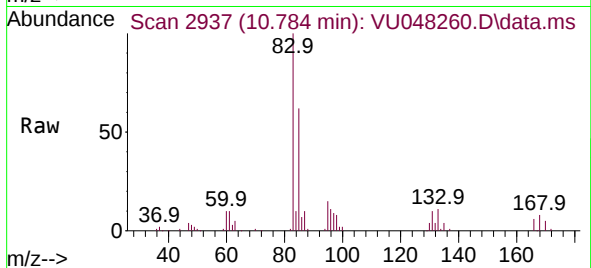
Tgt Ion: 83 Resp: 70836

Ion Ratio Lower Upper

83 100

85 62.2 45.1 83.7

131 9.9 7.8 11.6



#59

Bromoform

Concen: 11.495 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.000 min

Lab File: VU048260.D

Acq: 25 Apr 2022 10:18

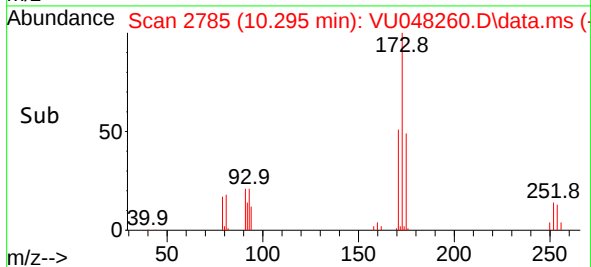
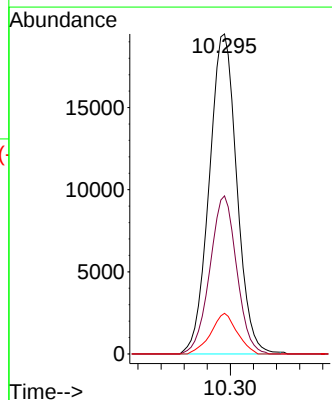
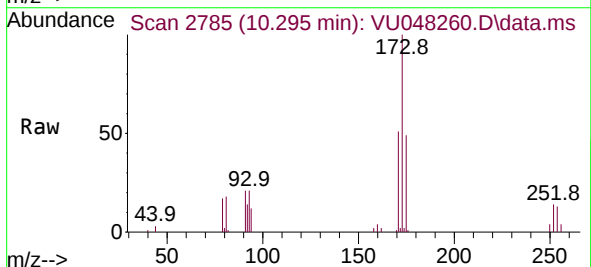
Tgt Ion:173 Resp: 32289

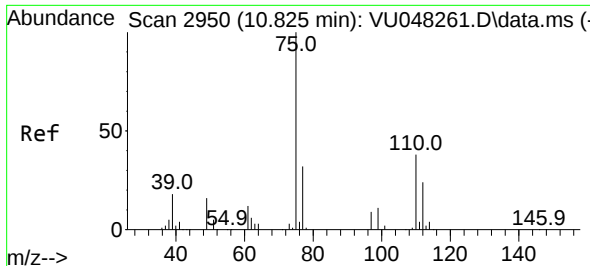
Ion Ratio Lower Upper

173 100

175 47.9 38.9 58.3

254 12.1 9.5 14.3

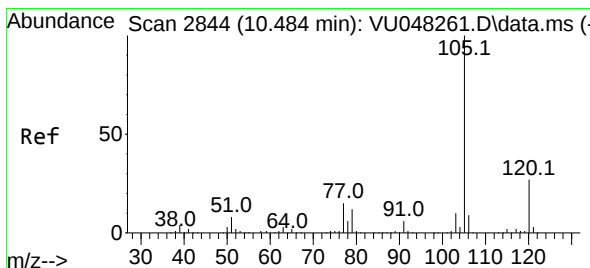
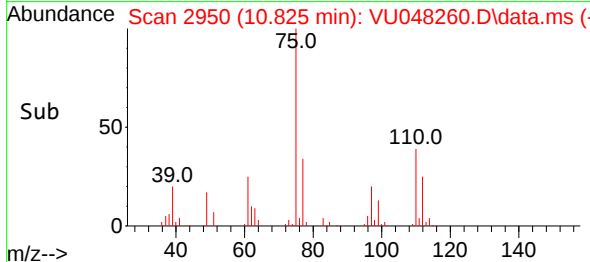
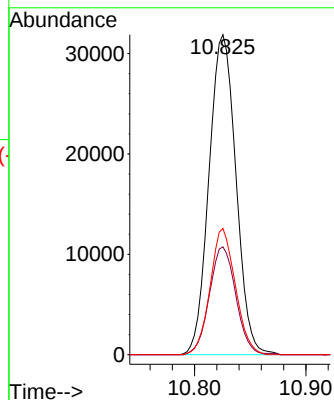
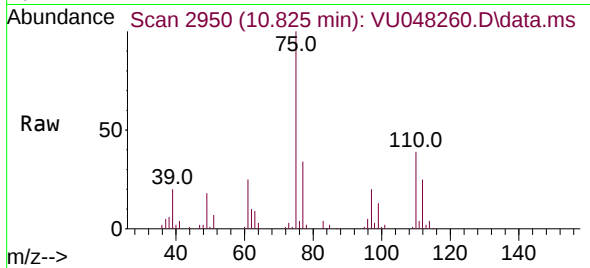




#60
1,2,3-Trichloropropane
Concen: 12.666 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

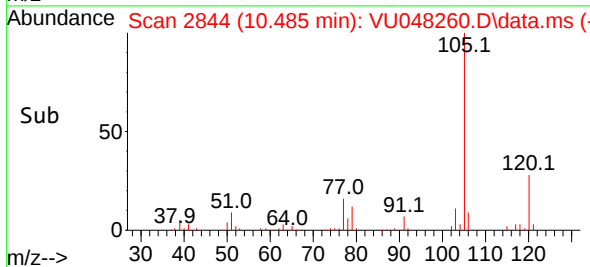
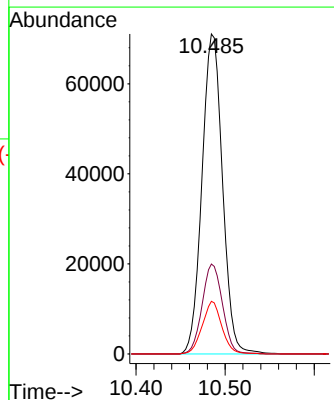
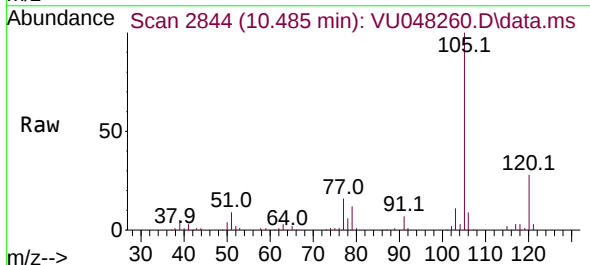
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

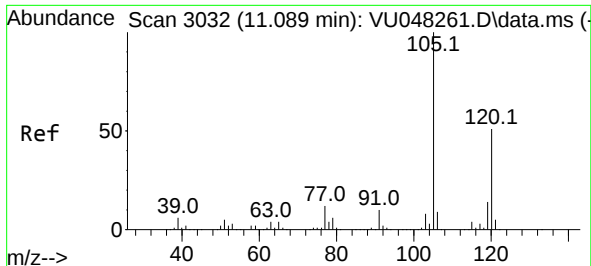
Tgt Ion:	75	Resp:	53606
Ion Ratio	Lower	Upper	
75	100		
77	33.0	25.8	38.8
110	37.0	29.9	44.9



#61
Isopropylbenzene
Concen: 9.614 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion:	105	Resp:	113590
Ion Ratio	Lower	Upper	
105	100		
120	27.9	21.7	32.5
77	15.7	11.7	17.5

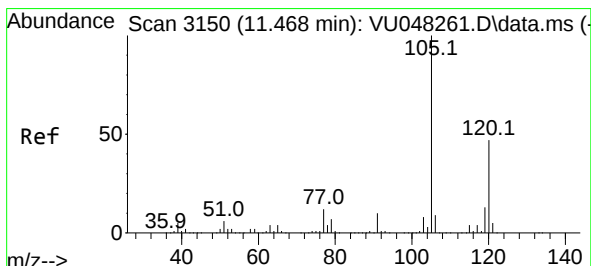
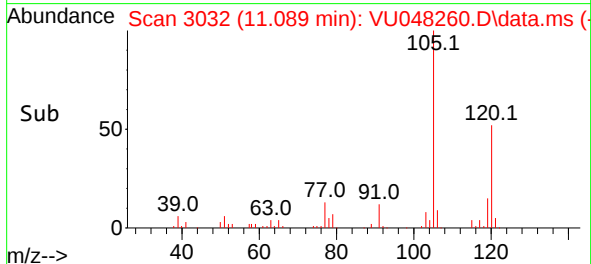
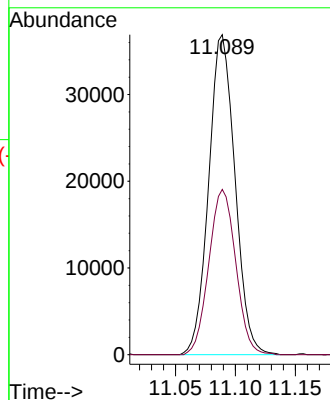
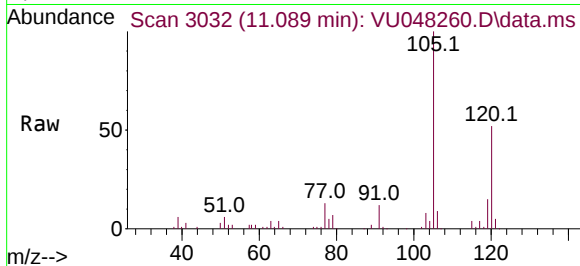




#62
1,3,5-Trimethylbenzene
Concen: 8.758 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

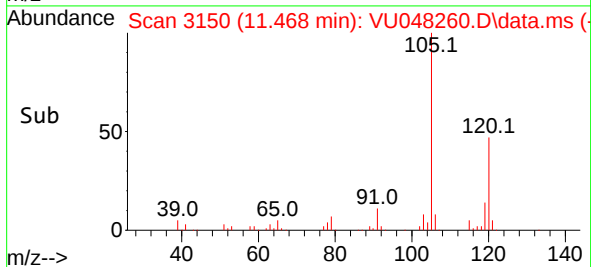
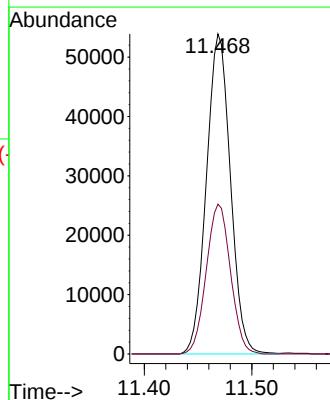
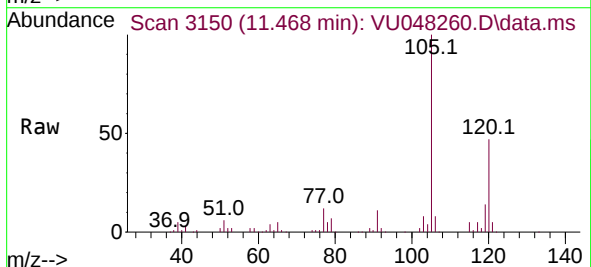
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

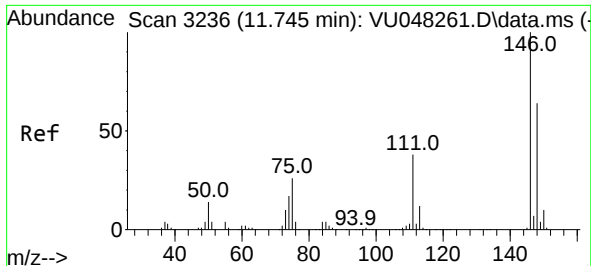
Tgt Ion:105 Resp: 56269
Ion Ratio Lower Upper
105 100
120 52.8 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 8.492 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion:105 Resp: 83515
Ion Ratio Lower Upper
105 100
120 47.2 38.0 57.0

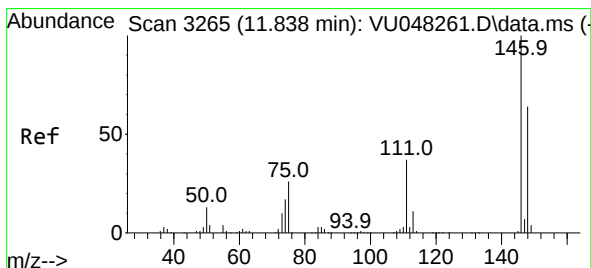
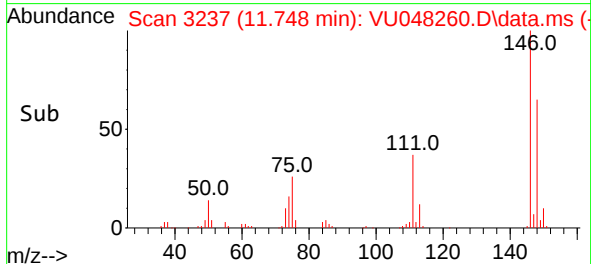
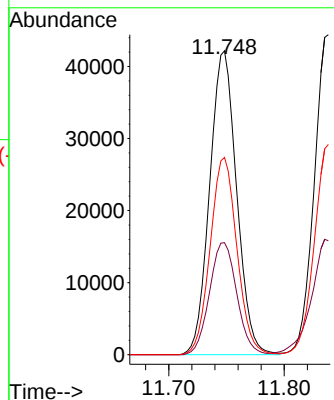
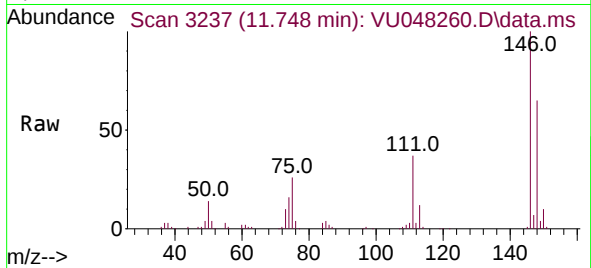




#64
 1,3-Dichlorobenzene
 Concen: 10.436 ug/L
 RT: 11.748 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048260.D
 Acq: 25 Apr 2022 10:18

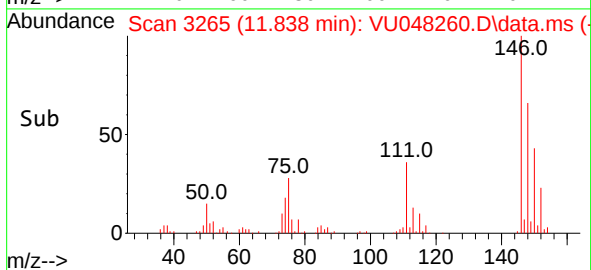
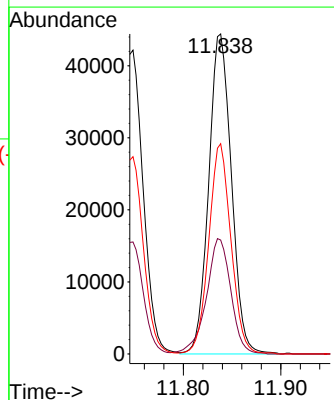
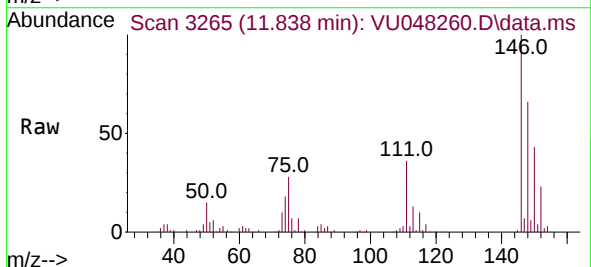
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010057

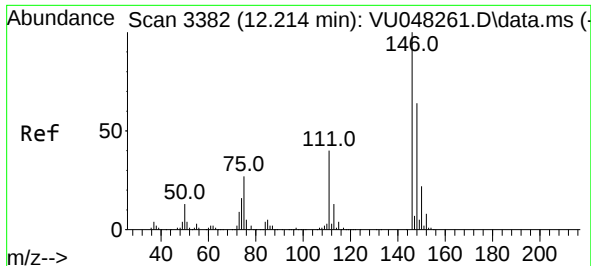
Tgt Ion:146 Resp: 68457
 Ion Ratio Lower Upper
 146 100
 111 36.9 26.7 49.7
 148 64.9 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 10.701 ug/L
 RT: 11.838 min Scan# 3265
 Delta R.T. 0.000 min
 Lab File: VU048260.D
 Acq: 25 Apr 2022 10:18

Tgt Ion:146 Resp: 71960
 Ion Ratio Lower Upper
 146 100
 111 35.6 25.9 48.1
 148 65.7 45.1 83.7

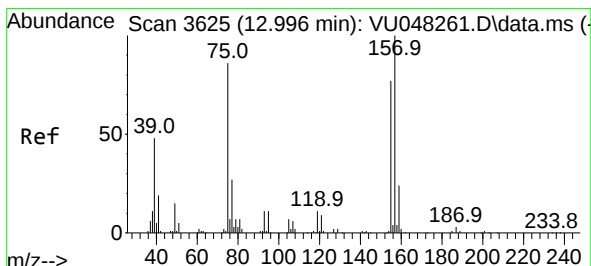
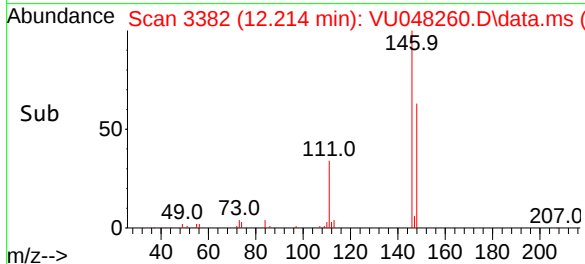
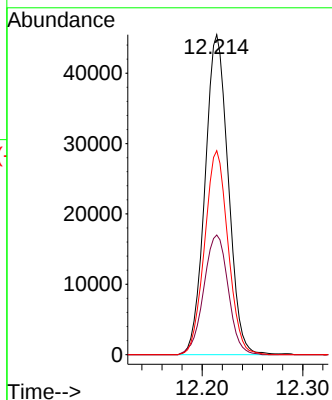
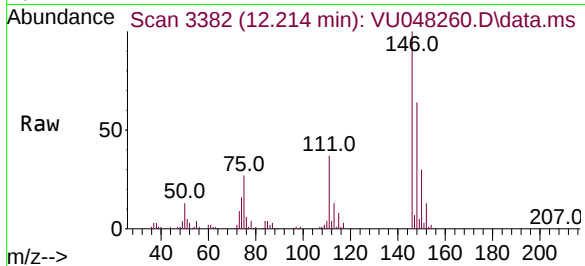




#67
1,2-Dichlorobenzene
Concen: 11.079 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

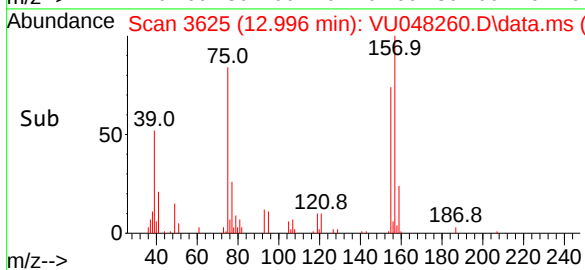
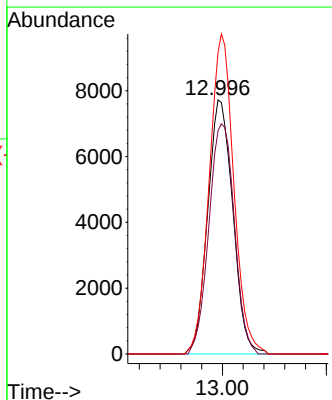
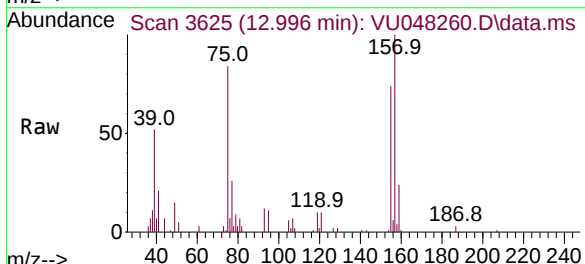
Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

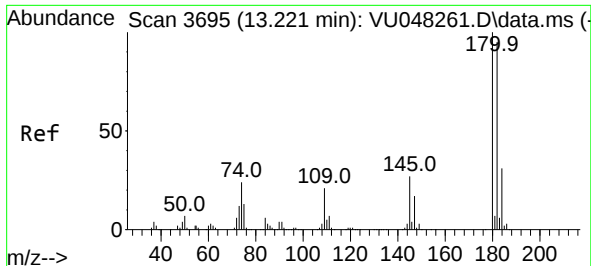
Tgt Ion:146 Resp: 72868
Ion Ratio Lower Upper
146 100
111 37.4 31.7 47.5
148 63.8 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 9.915 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion: 75 Resp: 12929
Ion Ratio Lower Upper
75 100
155 87.9 71.8 107.6
157 118.7 93.4 140.2

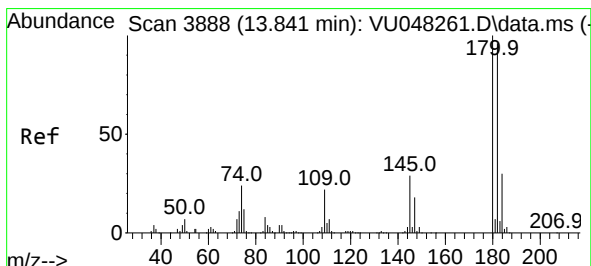
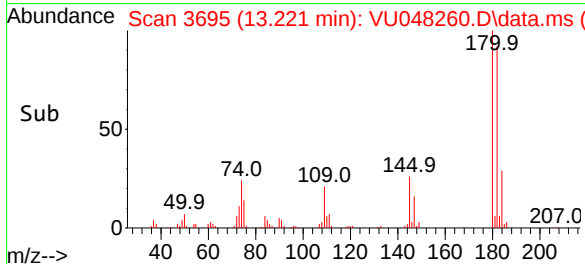
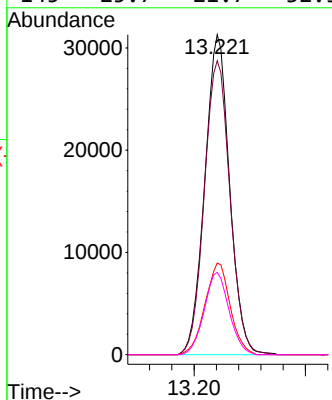
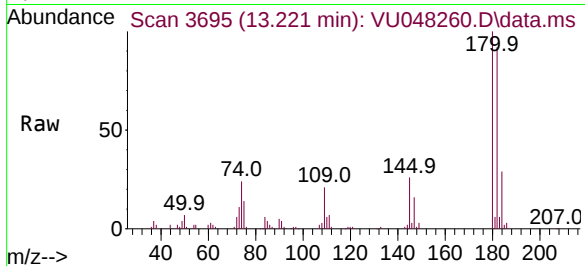




#69
 1,3,5-Trichlorobenzene
 Concen: 9.236 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU048260.D
 Acq: 25 Apr 2022 10:18

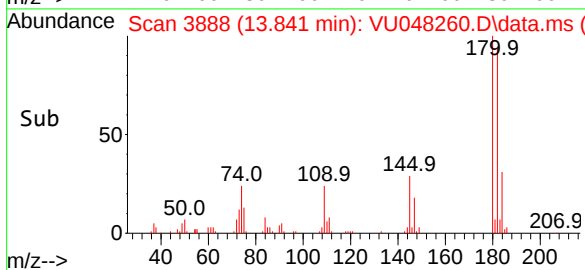
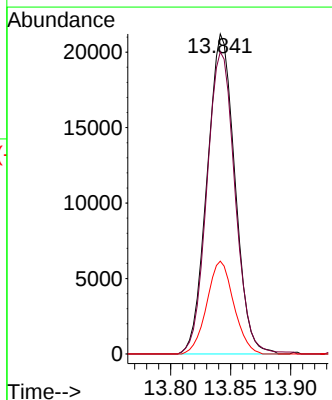
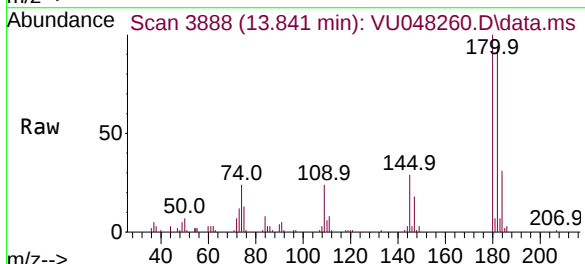
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010057

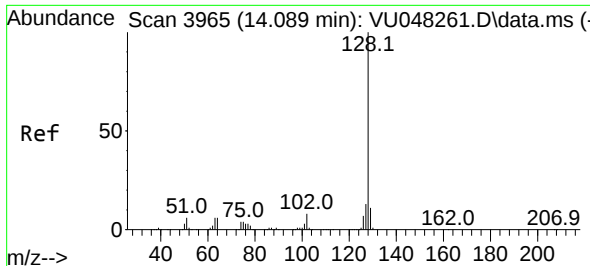
Tgt Ion:	180	Resp:	48350
Ion Ratio	Lower	Upper	
180	100		
182	94.9	77.0	115.4
184	29.2	24.6	37.0
145	25.7	21.7	32.5



#70
 1,2,4-trichlorobenzene
 Concen: 7.594 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048260.D
 Acq: 25 Apr 2022 10:18

Tgt Ion:	180	Resp:	34097
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.3	114.5
145	28.1	22.6	33.8

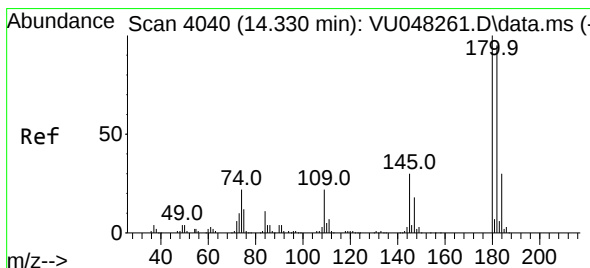
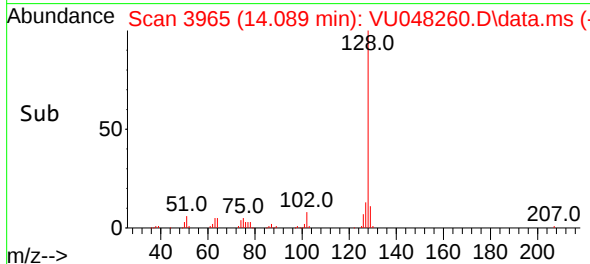
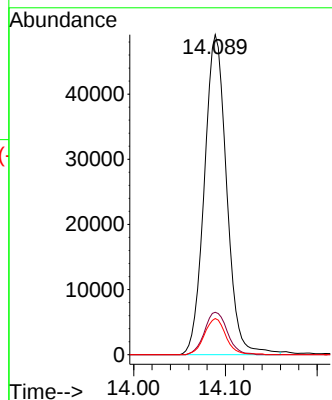
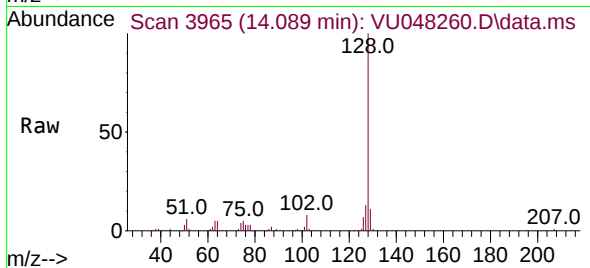




#71
Naphthalene
Concen: 6.208 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD010057

Tgt Ion:128	Resp:	83031
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.4 15.6
129	10.8	8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 7.703 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048260.D
Acq: 25 Apr 2022 10:18

Tgt Ion:180	Resp:	34888
Ion Ratio	Lower	Upper
180	100	
182	96.9	75.8 113.6
145	28.9	23.5 35.3

