

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
 Data File : VU050597.D
 Acq On : 02 Sep 2022 14:06
 Operator : SY/MD
 Sample : VSTD00519
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005019

Quant Time: Sep 03 01:57:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 01:56:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	299152	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	287107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115563	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	10789	4.632	ug/L	0.00
7) Chloroethane-d5	1.909	69	7494	4.216	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	20566	5.160	ug/L	0.00
21) 2-Butanone-d5	4.642	46	13131	6.655	ug/L	0.02
24) Chloroform-d	5.063	84	23003	5.081	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	14418	4.954	ug/L	0.00
32) Benzene-d6	5.729	84	44073	4.897	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	14258	4.749	ug/L	0.00
41) Toluene-d8	7.899	98	36349	4.657	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	5349	4.414	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	5672	5.569	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	21622	4.650	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	12741	5.050	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	14729	6.977	ug/L	98
3) Chloromethane	1.520	50	14179	4.542	ug/L	95
5) Vinyl chloride	1.604	62	12792	4.452	ug/L	99
6) Bromomethane	1.851	94	7748	5.835	ug/L	81
8) Chloroethane	1.932	64	7622	4.307	ug/L	99
9) Trichlorofluoromethane	2.137	101	17995	5.325	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	11329	5.490	ug/L	99
12) 1,1-Dichloroethene	2.578	96	10740	5.127	ug/L	94
13) Acetone	2.636	43	14109	9.122	ug/L	98
14) Carbon disulfide	2.793	76	32811	6.111	ug/L	96
15) Methyl Acetate	2.954	43	13919	4.406	ug/L	97
16) Methylene chloride	3.044	84	15377	4.637	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	11399	5.023	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	32864	4.361	ug/L	98
19) 1,1-Dichloroethane	3.870	63	21857	4.785	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	12611	4.748	ug/L	92
22) 2-Butanone	4.716	43	19344	8.117	ug/L	100
23) Bromochloromethane	4.973	128	7208	5.117	ug/L #	84
25) Chloroform	5.089	83	24031	5.103	ug/L	99
27) 1,2-Dichloroethane	5.796	62	18009	4.880	ug/L	96
29) Cyclohexane	5.385	56	16839	4.982	ug/L	94
30) 1,1,1-Trichloroethane	5.317	97	20083	5.650	ug/L	98
31) Carbon tetrachloride	5.523	117	15944	5.773	ug/L	100
33) Benzene	5.774	78	51692	4.948	ug/L	100
34) Trichloroethene	6.539	95	11965	4.944	ug/L	93
35) Methylcyclohexane	6.761	83	17145	5.035	ug/L	95
37) 1,2-Dichloropropane	6.790	63	13273	4.657	ug/L #	97
38) Bromodichloromethane	7.105	83	16452	5.061	ug/L #	99
39) cis-1,3-Dichloropropene	7.610	75	16737	4.428	ug/L	94
40) 4-Methyl-2-pentanone	7.796	43	32973	8.099	ug/L	98
42) Toluene	7.970	91	48955	4.713	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	16212	4.715	ug/L	100

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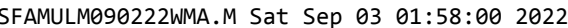
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005019

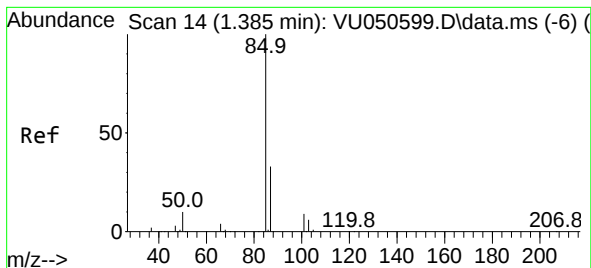
Quant Time: Sep 03 01:57:50 2022
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	13498	4.923	ug/L	95
46) Tetrachloroethene	8.552	164	9229	5.409	ug/L	98
48) 2-Hexanone	8.690	43	32245	9.167	ug/L	88
49) Dibromochloromethane	8.809	129	12088	4.982	ug/L	98
50) 1,2-Dibromoethane	8.925	107	13468	4.747	ug/L	99
51) Chlorobenzene	9.446	112	33070	5.106	ug/L	98
52) Ethylbenzene	9.571	91	46724	4.595	ug/L	97
53) m,p-Xylene	9.693	106	17310	4.537	ug/L	88
54) o-Xylene	10.102	106	17143	4.439	ug/L	96
55) Styrene	10.115	104	25990	4.059	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	23043	4.721	ug/L	99
59) Bromoform	10.291	173	8852	5.694	ug/L	93
60) 1,2,3-Trichloropropane	10.822	75	18899	5.533	ug/L	96
61) Isopropylbenzene	10.484	105	40623	4.883	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	31924	4.636	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	29835	4.472	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	20293	5.157	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	20609	5.151	ug/L	90
67) 1,2-Dichlorobenzene	12.211	146	20607	4.859	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.996	75	4750	5.741	ug/L	86
69) 1,3,5-Trichlorobenzene	13.221	180	13577	4.952	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	11966	4.950	ug/L	95
71) Naphthalene	14.089	128	46963	4.834	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	13214	4.778	ug/L	97

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

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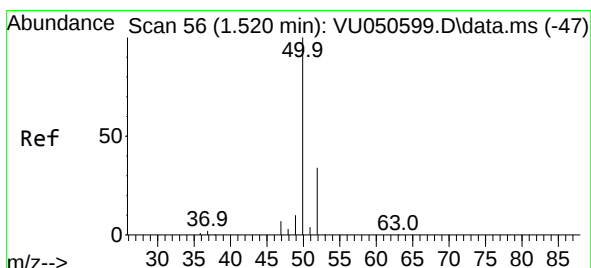
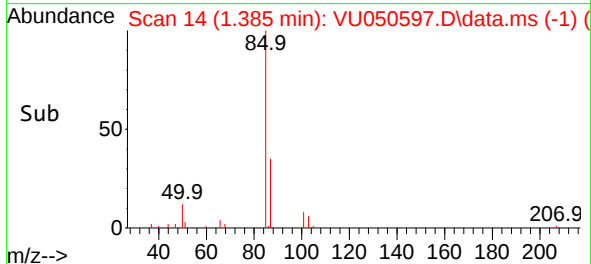
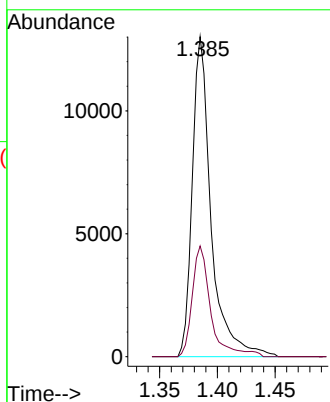
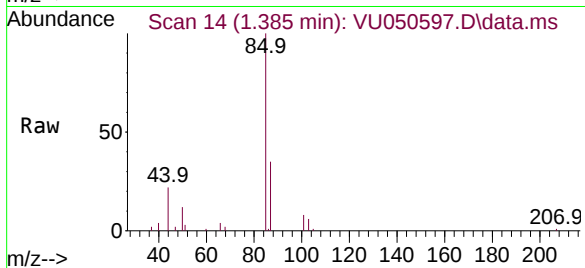




#2
Dichlorodifluoromethane
Concen: 6.977 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

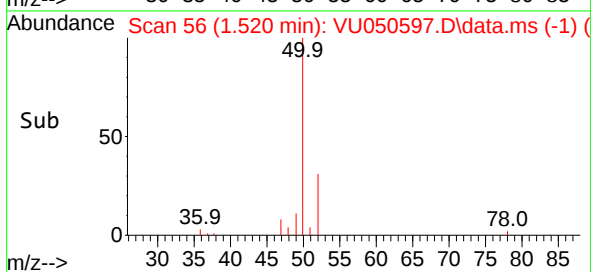
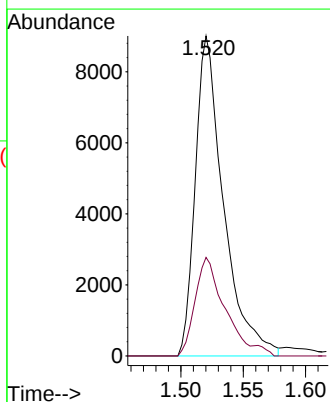
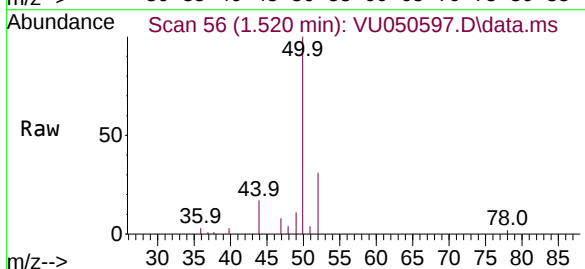
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

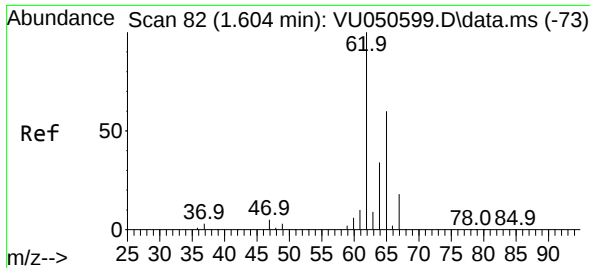
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Ion Ratio Lower Upper
85 100
87 33.4 25.8 38.8



#3
Chloromethane
Concen: 4.542 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion: 50 Resp: 14179
Ion Ratio Lower Upper
50 100
52 30.8 23.7 43.9

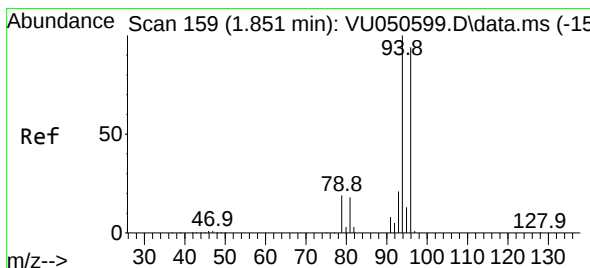
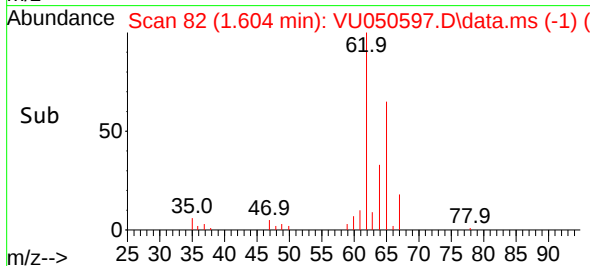
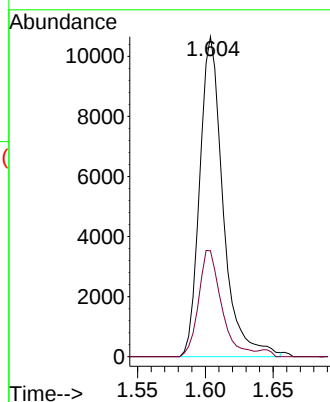
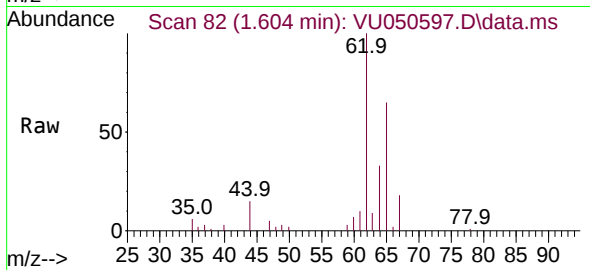




#5
 Vinyl chloride
 Concen: 4.452 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU050597.D
 Acq: 02 Sep 2022 14:06

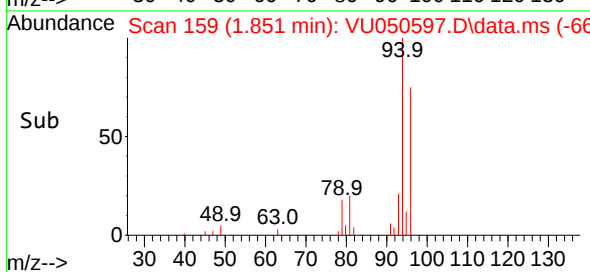
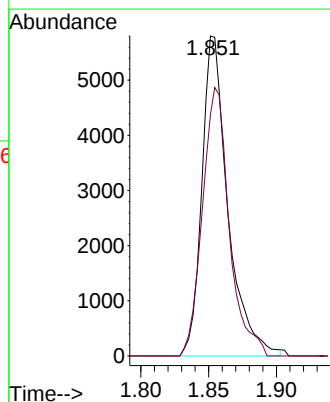
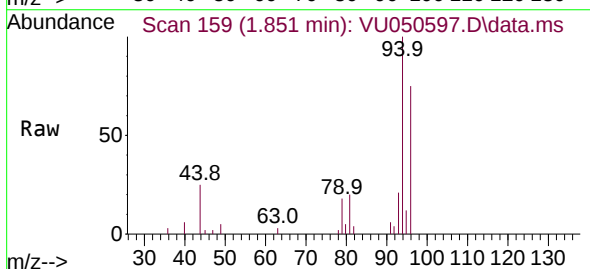
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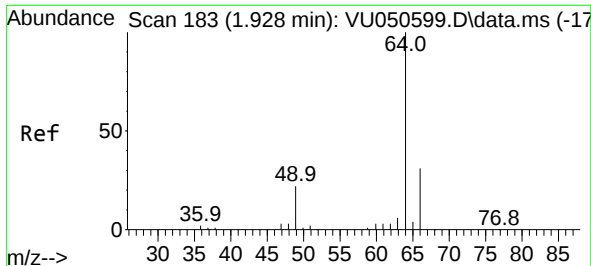
Tgt Ion: 62 Resp: 12792
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.5 43.7



#6
 Bromomethane
 Concen: 5.835 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VU050597.D
 Acq: 02 Sep 2022 14:06

Tgt Ion: 94 Resp: 7748
 Ion Ratio Lower Upper
 94 100
 96 75.5 65.6 121.8

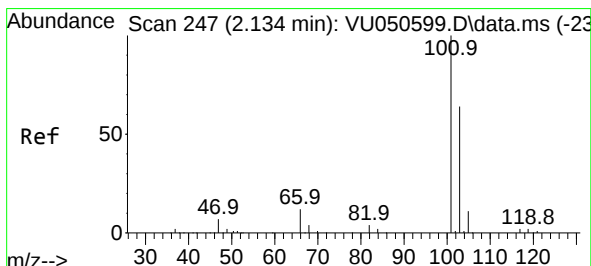
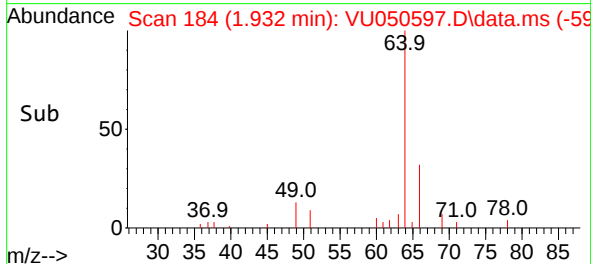
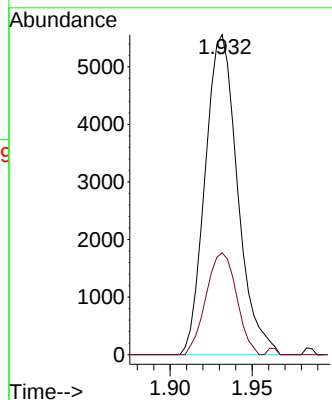
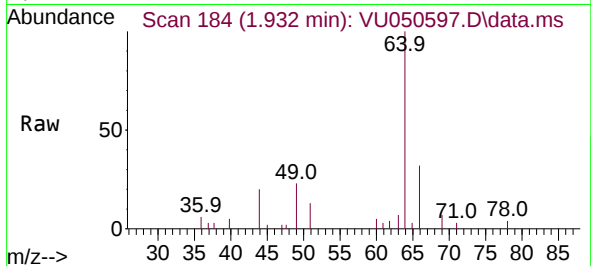




#8
Chloroethane
Concen: 4.307 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

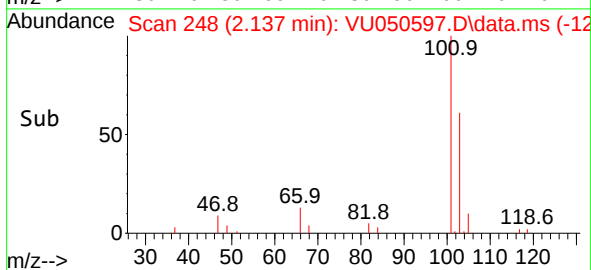
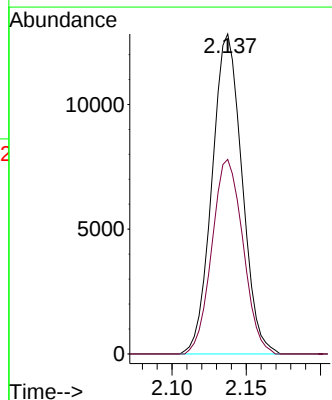
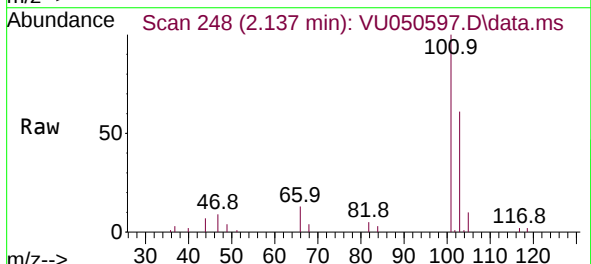
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ClientSampleId :
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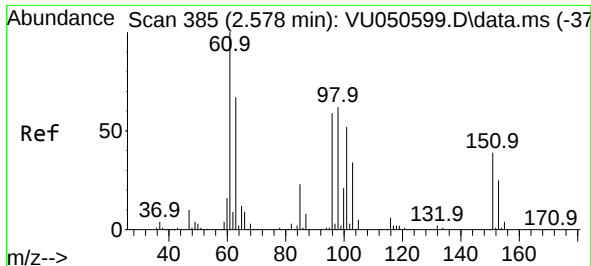
Tgt Ion: 64 Resp: 7622
Ion Ratio Lower Upper
64 100
66 31.8 21.9 40.7



#9
Trichlorofluoromethane
Concen: 5.325 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion: 101 Resp: 17995
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.490 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005019

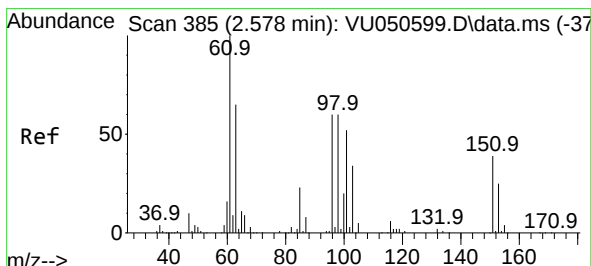
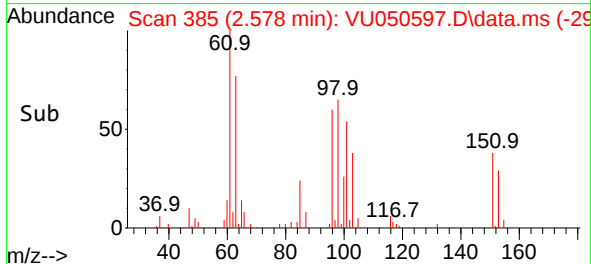
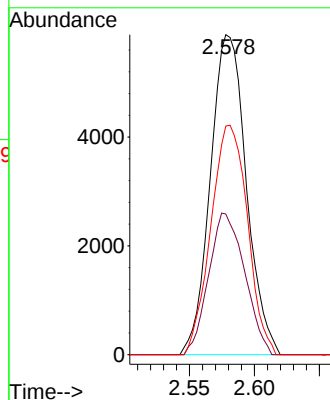
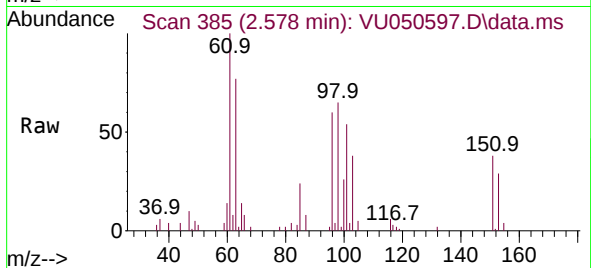
Tgt Ion:101 Resp: 11329

Ion Ratio Lower Upper

101 100

85 44.3 34.4 51.6

151 73.0 57.7 86.5



#12

1,1-Dichloroethene

Concen: 5.127 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

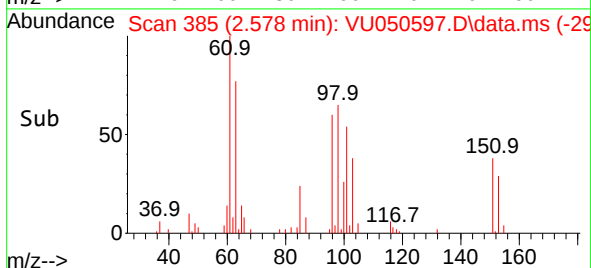
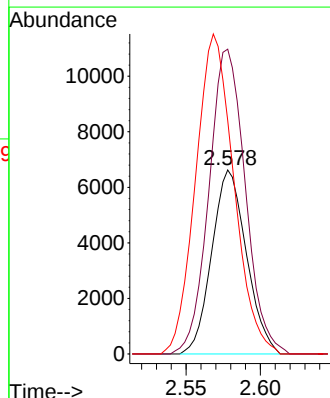
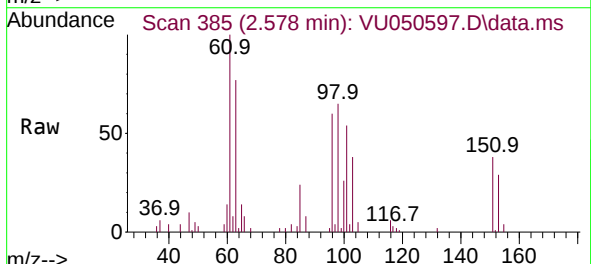
Tgt Ion: 96 Resp: 10740

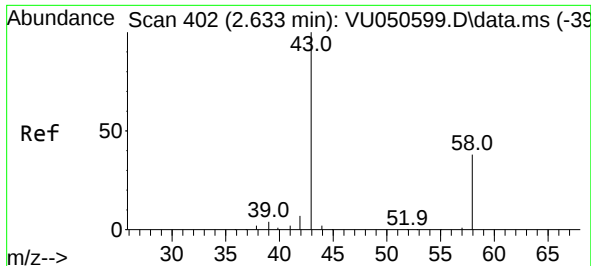
Ion Ratio Lower Upper

96 100

61 165.6 118.0 219.1

63 126.9 79.5 147.7





#13

Acetone

Concen: 9.122 ug/L

RT: 2.636 min Scan# 402

Delta R.T. 0.003 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

Instrument :

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ClientSampleId :

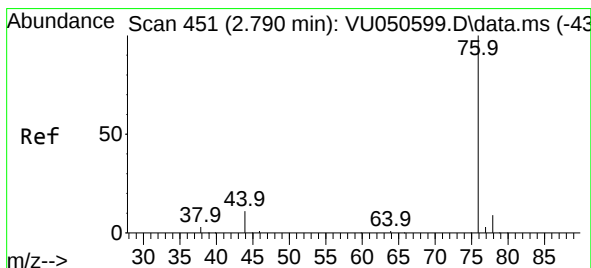
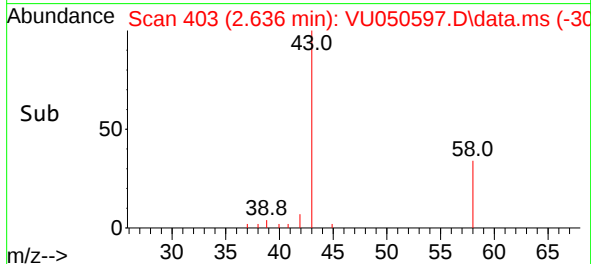
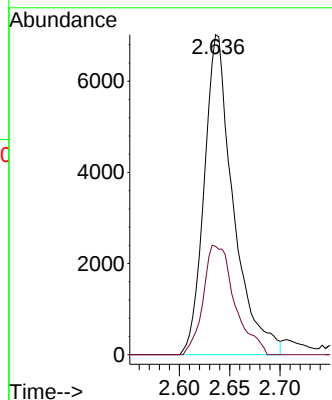
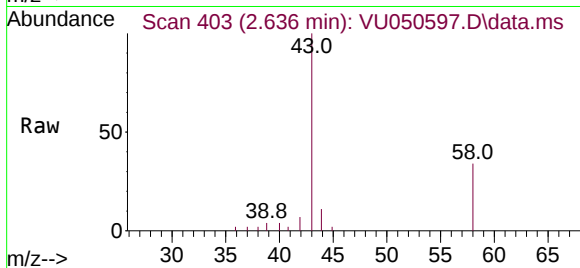
VSTD005019

Tgt Ion: 43 Resp: 14109

Ion Ratio Lower Upper

43 100

58 36.9 0.0 76.2



#14

Carbon disulfide

Concen: 6.111 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU050597.D

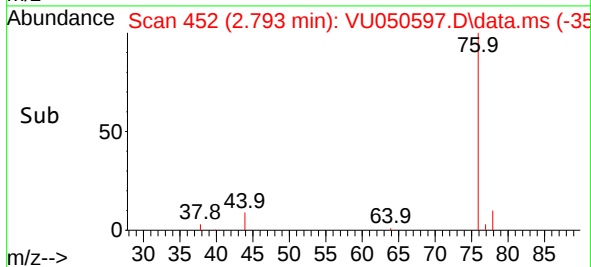
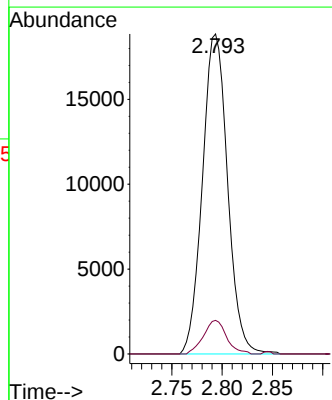
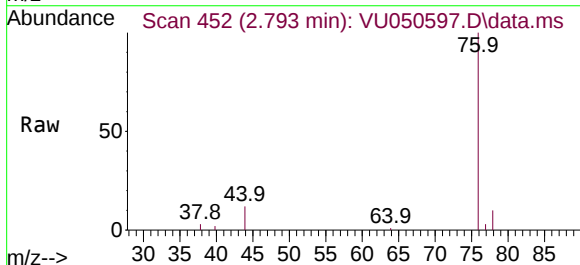
Acq: 02 Sep 2022 14:06

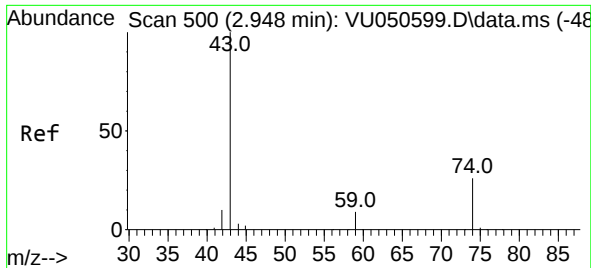
Tgt Ion: 76 Resp: 32811

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9

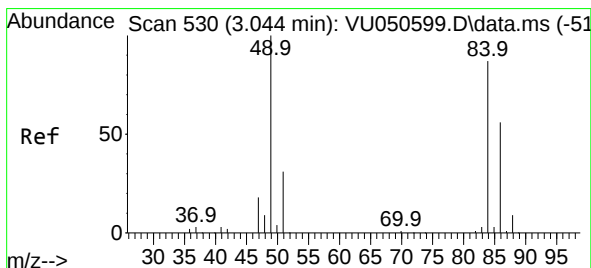
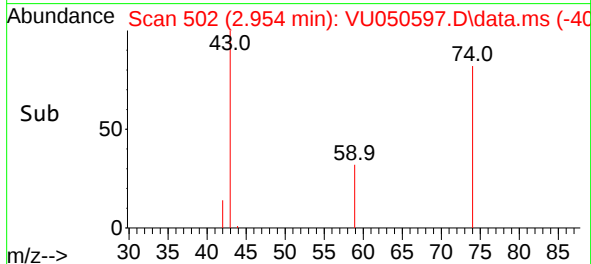
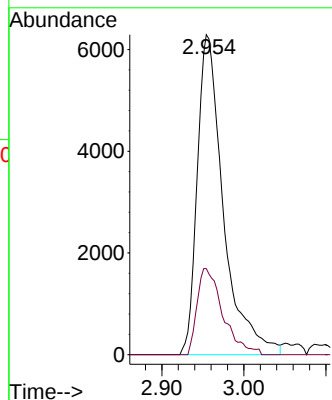
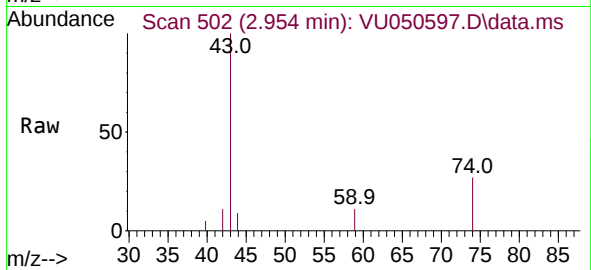




#15
Methyl Acetate
Concen: 4.406 ug/L
RT: 2.954 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

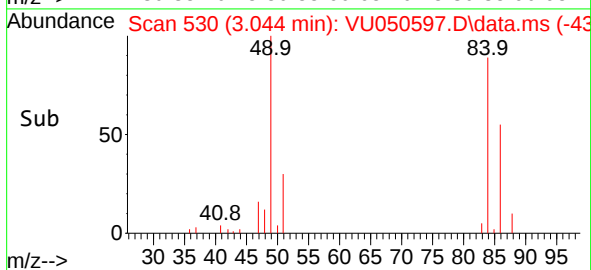
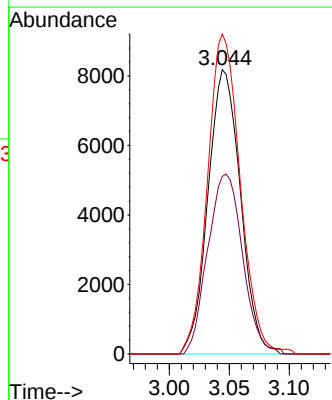
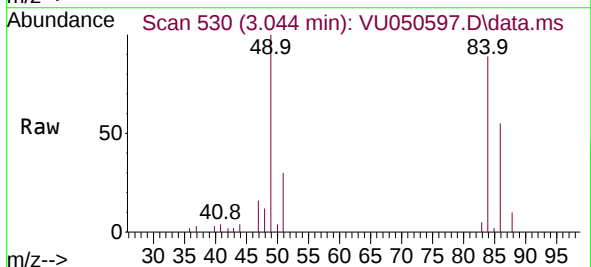
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

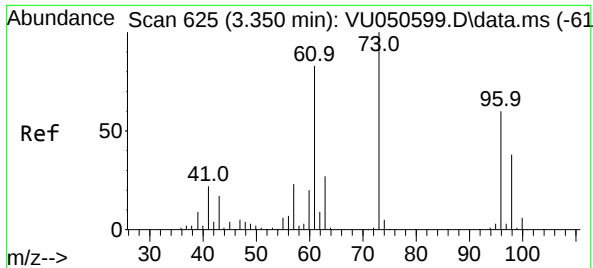
Tgt Ion: 43 Resp: 13919
Ion Ratio Lower Upper
43 100
74 24.9 21.2 31.8



#16
Methylene chloride
Concen: 4.637 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion: 84 Resp: 15377
Ion Ratio Lower Upper
84 100
86 62.4 44.8 83.2
49 112.5 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 5.023 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005019

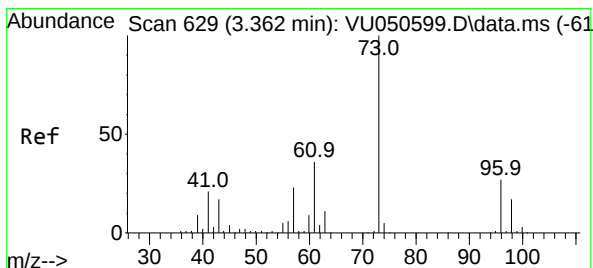
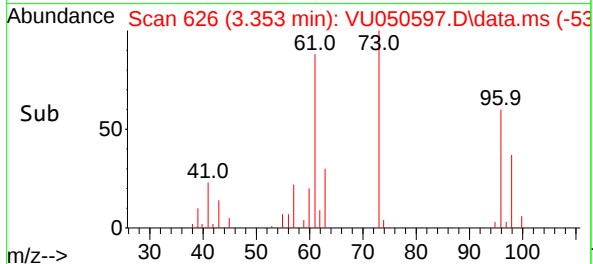
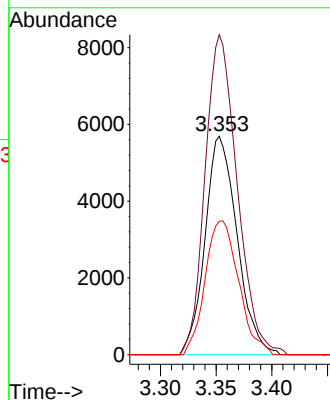
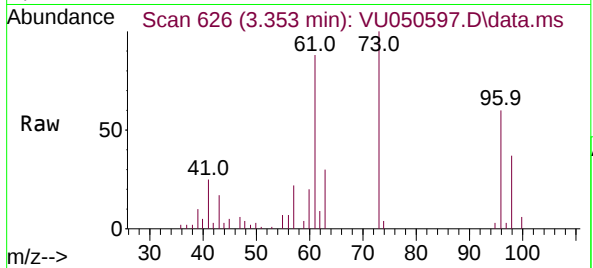
Tgt Ion: 96 Resp: 11399

Ion Ratio Lower Upper

96 100

61 146.6 97.9 181.7

98 61.1 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 4.361 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

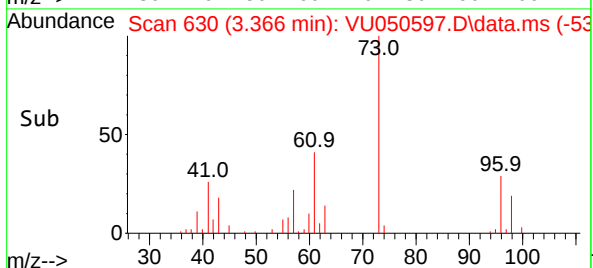
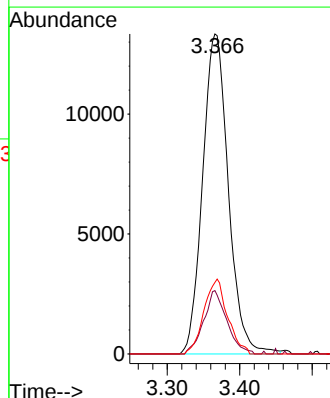
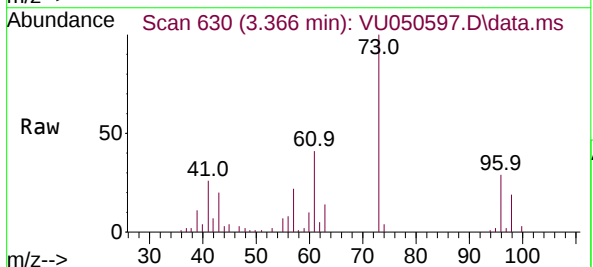
Tgt Ion: 73 Resp: 32864

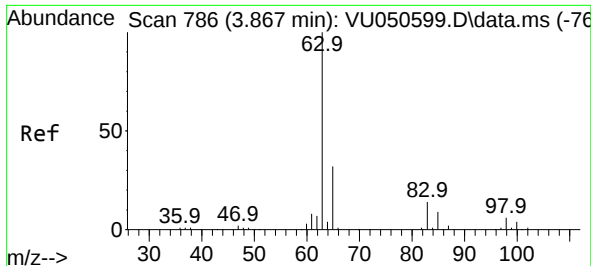
Ion Ratio Lower Upper

73 100

43 17.8 13.4 20.2

57 21.4 17.8 26.8





#19

1,1-Dichloroethane

Concen: 4.785 ug/L

RT: 3.870 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005019

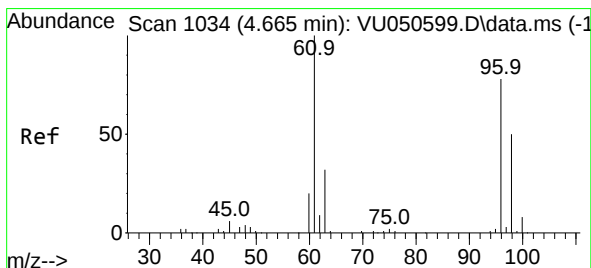
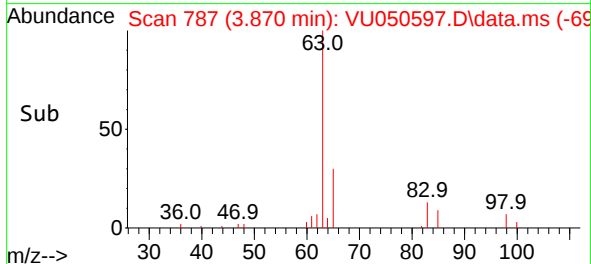
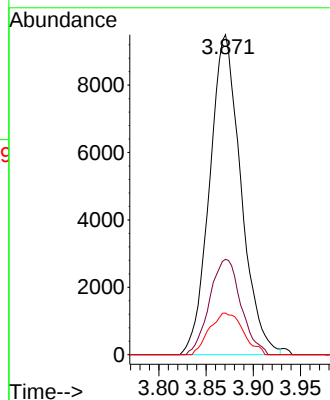
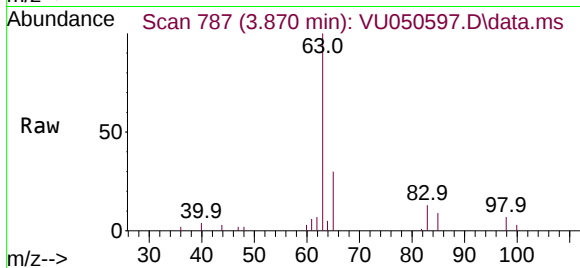
Tgt Ion: 63 Resp: 21857

Ion Ratio Lower Upper

63 100

65 29.8 22.4 41.6

83 13.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 4.748 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

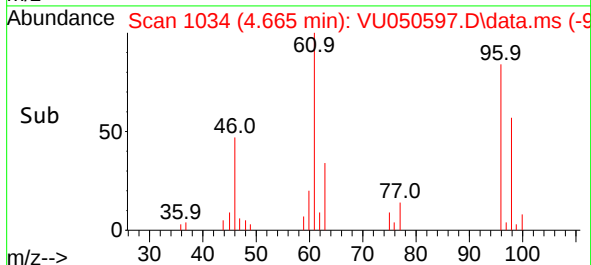
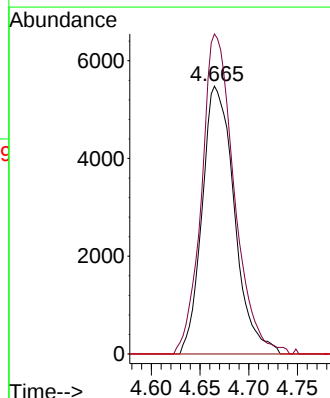
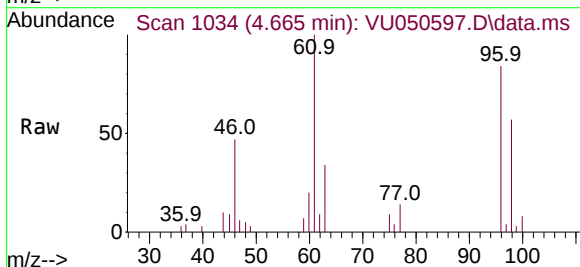
Tgt Ion: 96 Resp: 12611

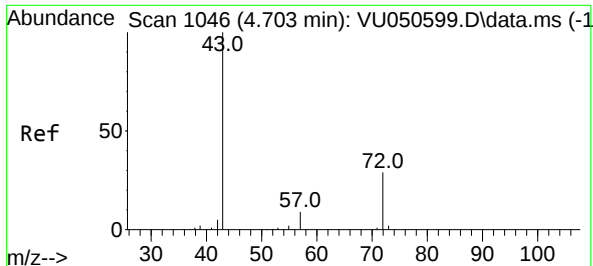
Ion Ratio Lower Upper

96 100

61 119.5 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 8.117 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.013 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

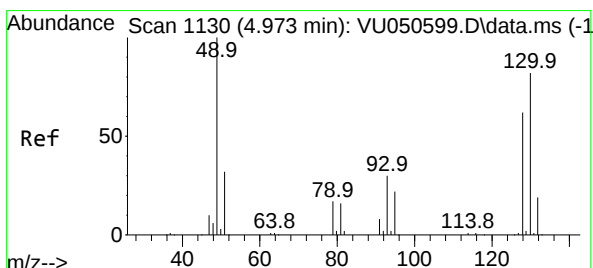
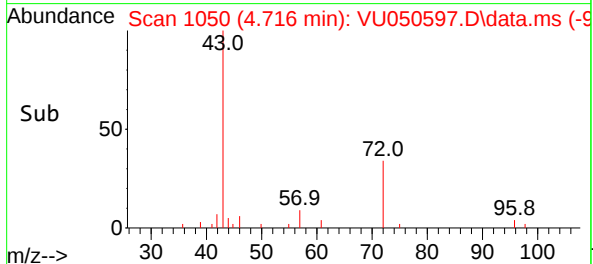
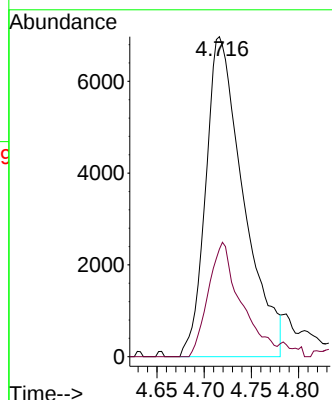
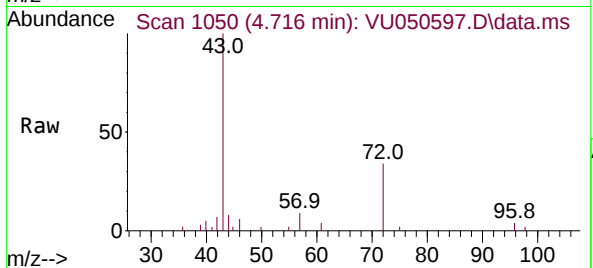
VSTD005019

Tgt Ion: 43 Resp: 19344

Ion Ratio Lower Upper

43 100

72 29.5 14.6 44.0



#23

Bromochloromethane

Concen: 5.117 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

Tgt Ion: 128 Resp: 7208

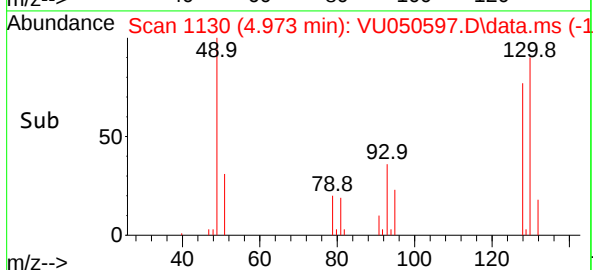
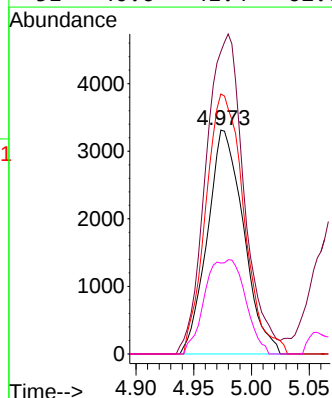
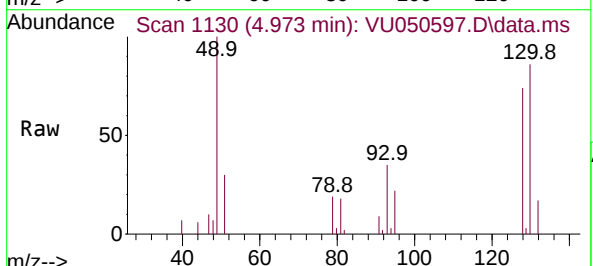
Ion Ratio Lower Upper

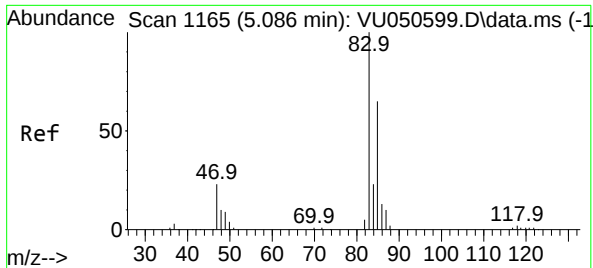
128 100

49 135.0 112.5 208.9

130 116.1 91.8 170.4

51 40.6 41.4 62.0#

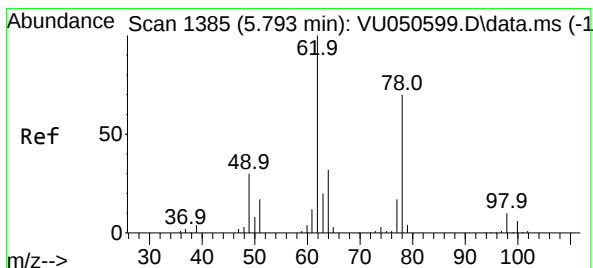
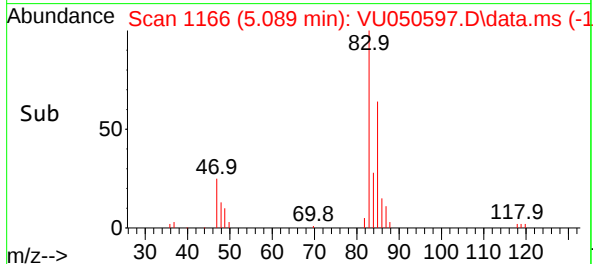
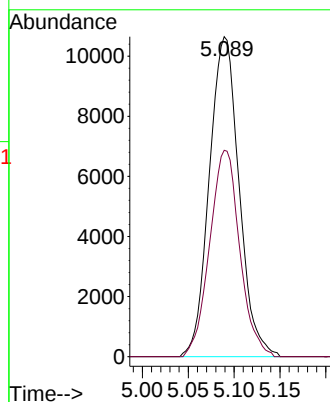
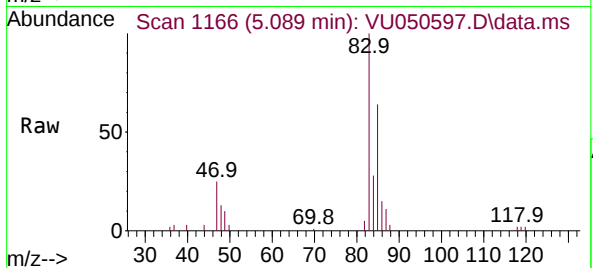




#25
Chloroform
Concen: 5.103 ug/L
RT: 5.089 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

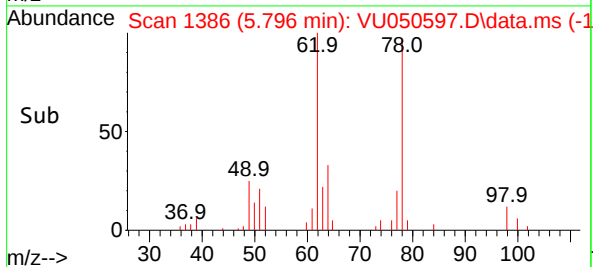
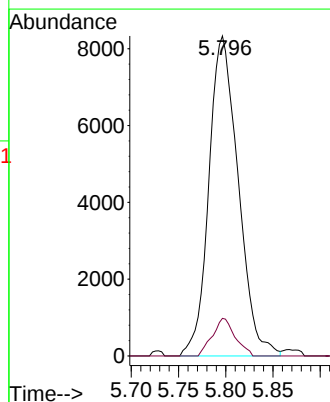
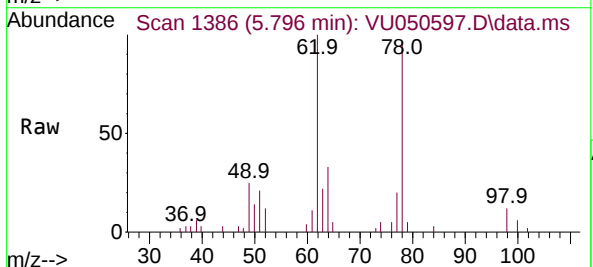
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

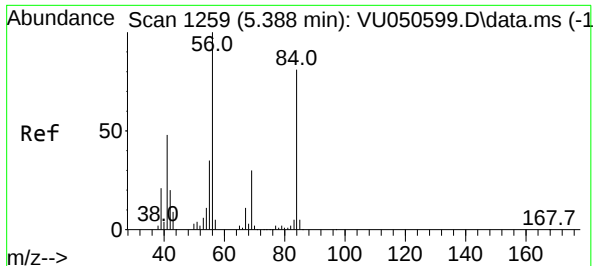
Tgt Ion: 83 Resp: 24031
Ion Ratio Lower Upper
83 100
85 64.5 45.6 84.8



#27
1,2-Dichloroethane
Concen: 4.880 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion: 62 Resp: 18009
Ion Ratio Lower Upper
62 100
98 11.8 8.2 12.2





#29

Cyclohexane

Concen: 4.982 ug/L

RT: 5.385 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005019

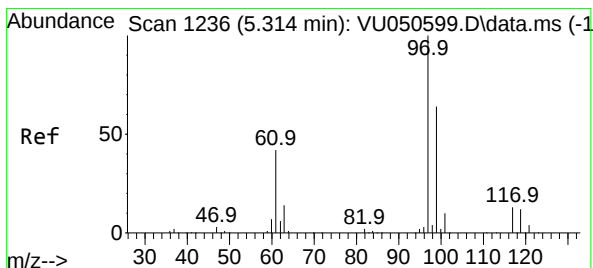
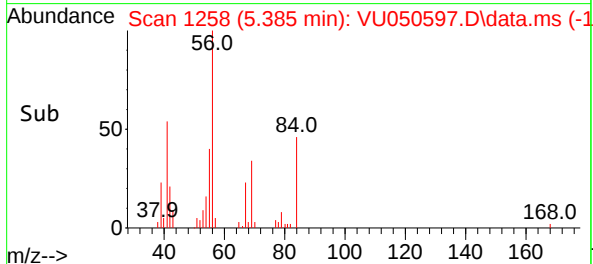
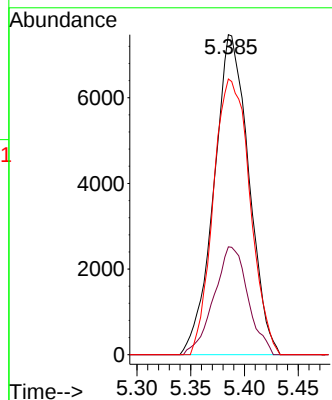
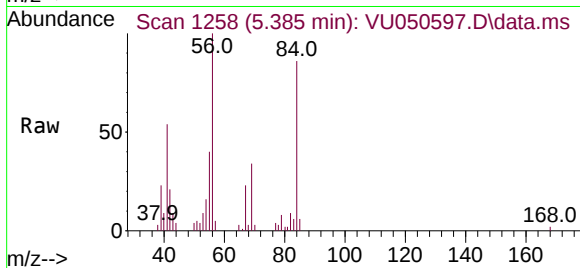
Tgt Ion: 56 Resp: 16839

Ion Ratio Lower Upper

56 100

69 32.9 24.6 37.0

84 90.3 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 5.650 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

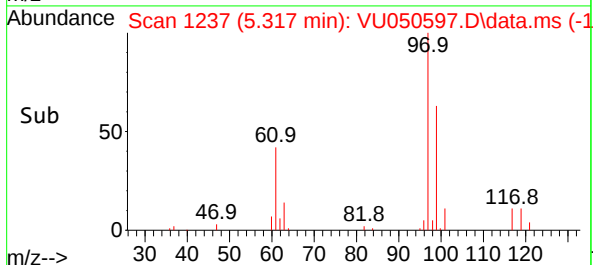
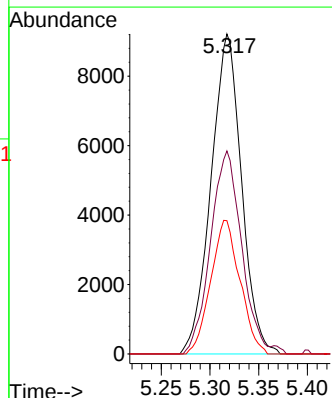
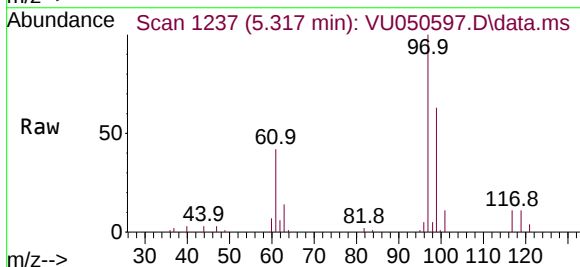
Tgt Ion: 97 Resp: 20083

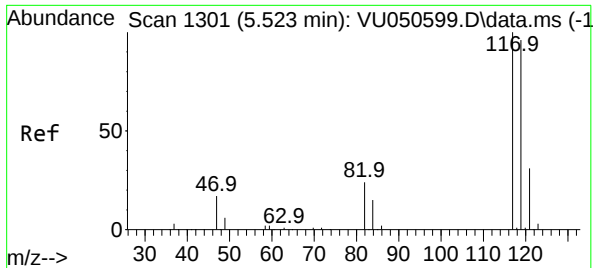
Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 40.1 34.2 51.4

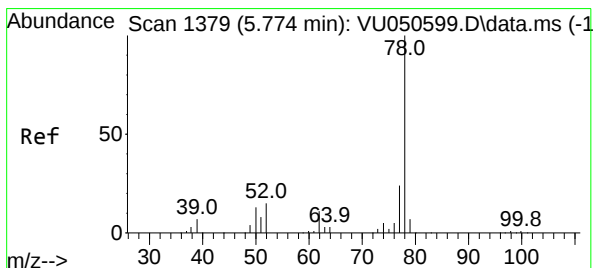
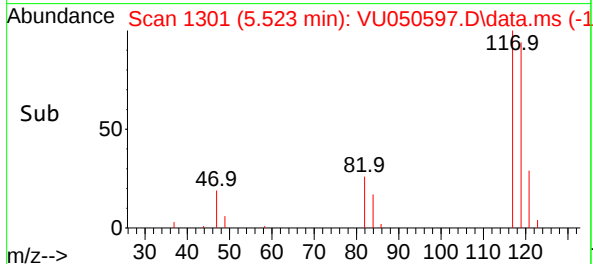
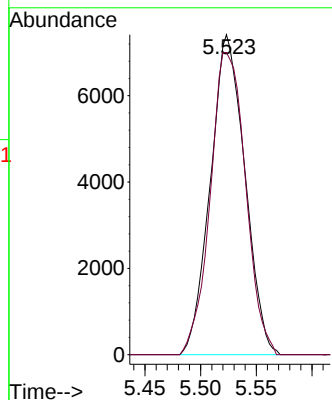
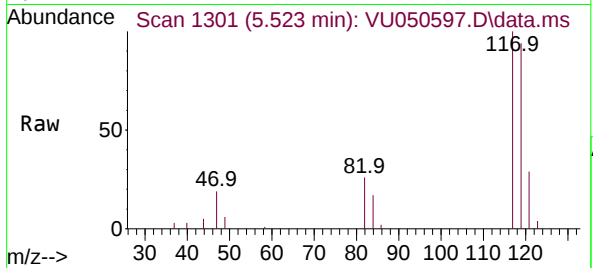




#31
Carbon tetrachloride
Concen: 5.773 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

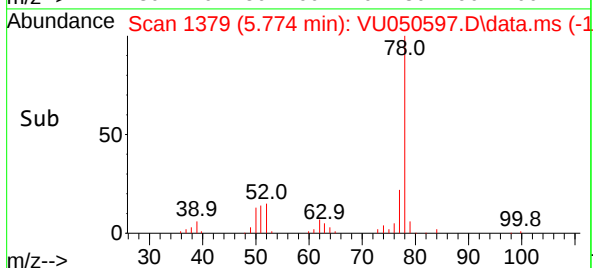
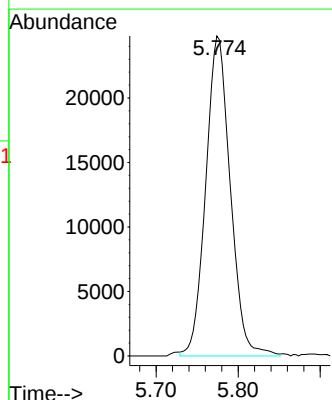
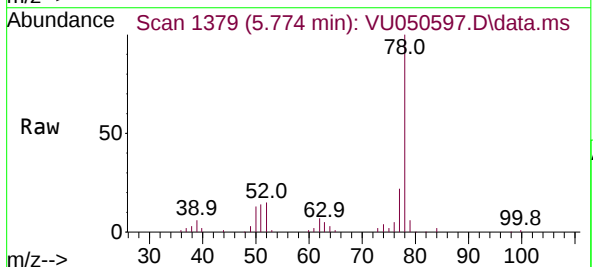
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

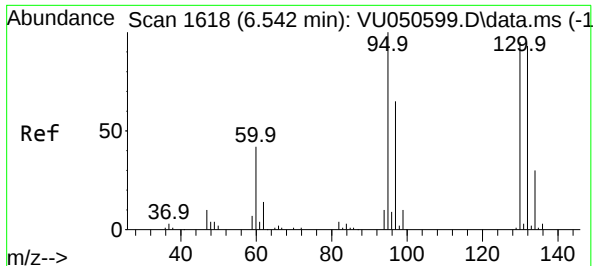
Tgt Ion:117 Resp: 15944
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.2



#33
Benzene
Concen: 4.948 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion: 78 Resp: 51692



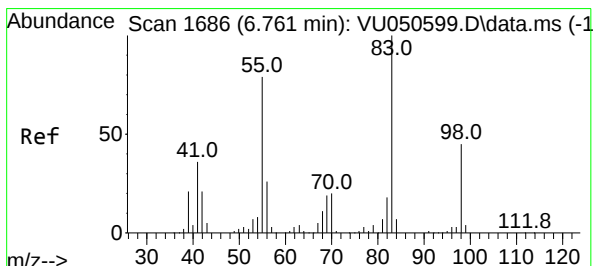
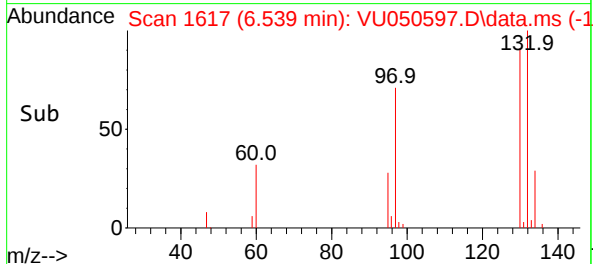
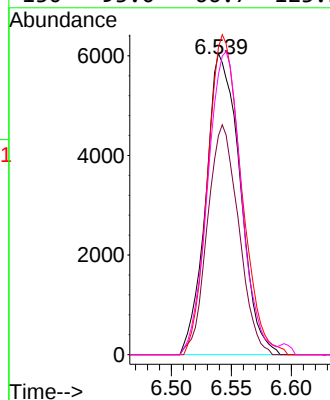
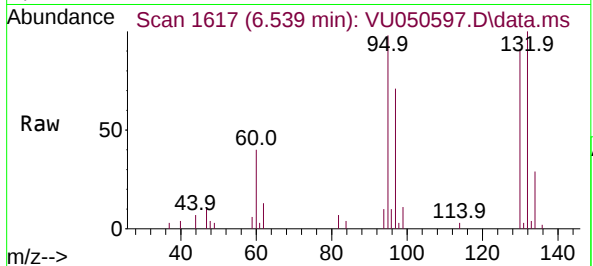


#34
Trichloroethene
Concen: 4.944 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

Tgt Ion: 95 Resp: 11965

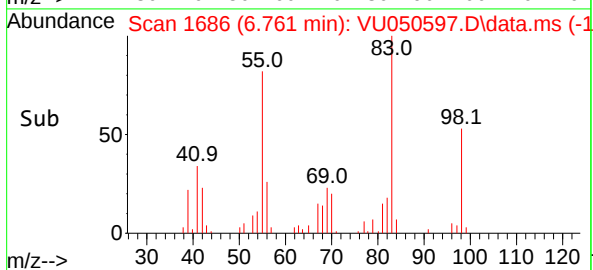
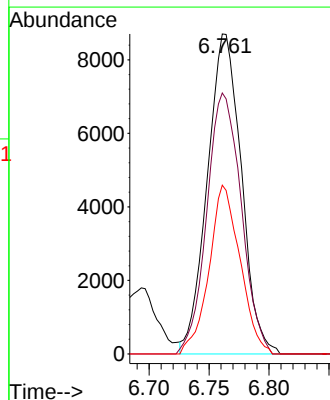
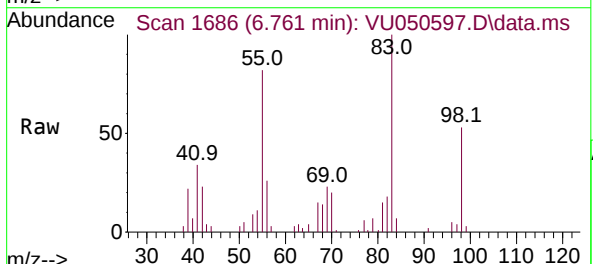
Ion	Ratio	Lower	Upper
95	100		
97	72.7	45.4	84.2
132	102.0	65.2	121.2
130	93.0	66.7	123.9

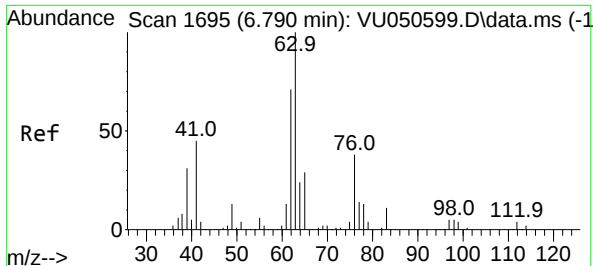


#35
Methylcyclohexane
Concen: 5.035 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion: 83 Resp: 17145

Ion	Ratio	Lower	Upper
83	100		
55	82.5	62.6	93.8
98	48.1	35.5	53.3

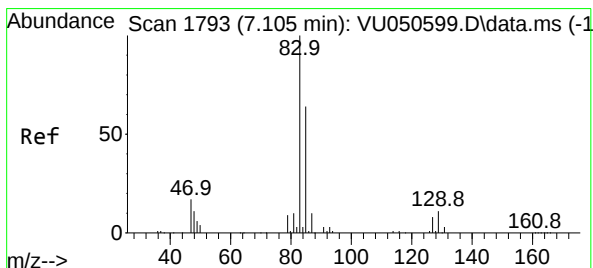
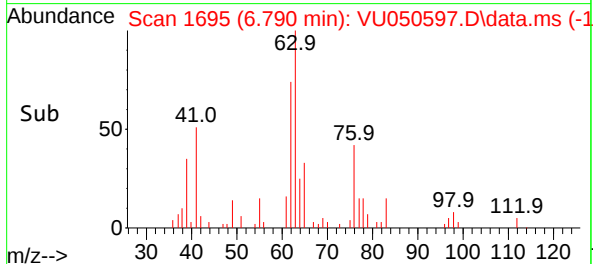
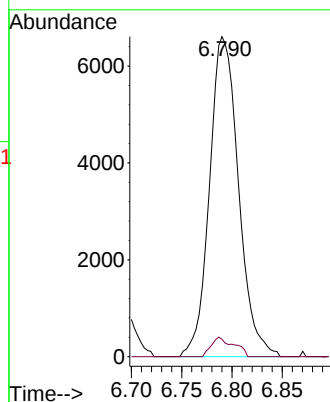
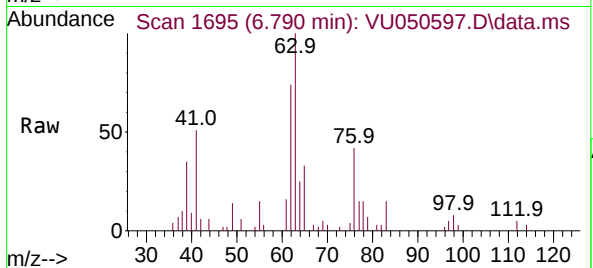




#37
1,2-Dichloropropane
Concen: 4.657 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

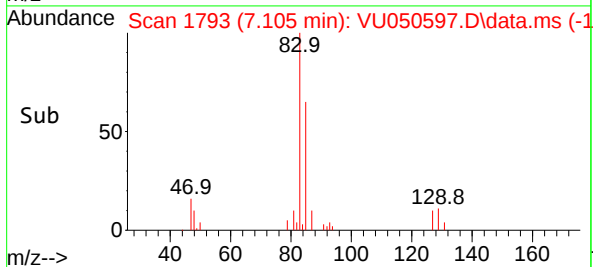
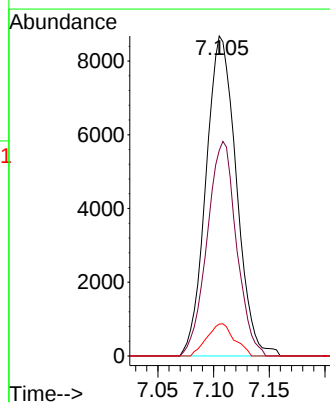
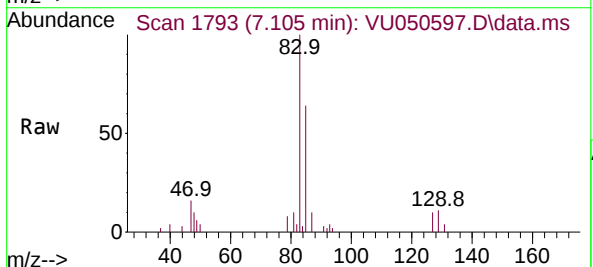
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

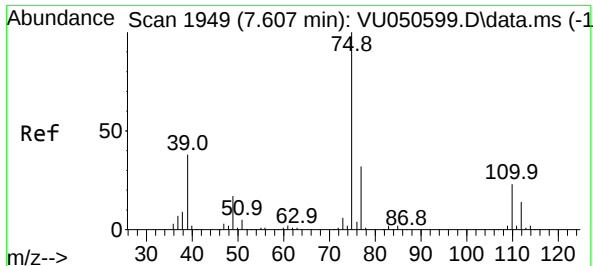
Tgt Ion: 63 Resp: 13273
Ion Ratio Lower Upper
63 100
112 4.8 3.0 4.4#



#38
Bromodichloromethane
Concen: 5.061 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion: 83 Resp: 16452
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.5
127 10.0 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 4.428 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

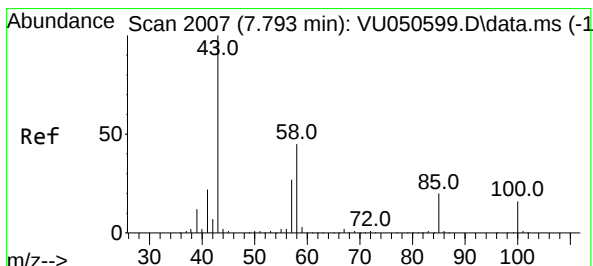
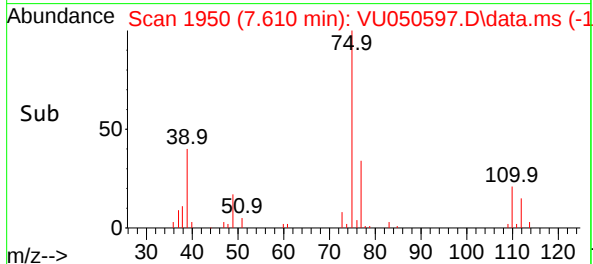
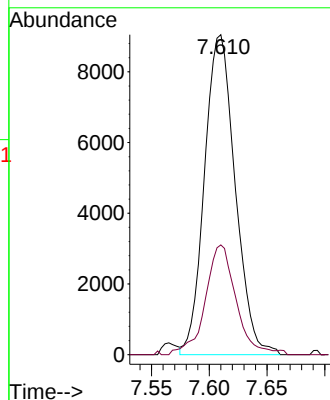
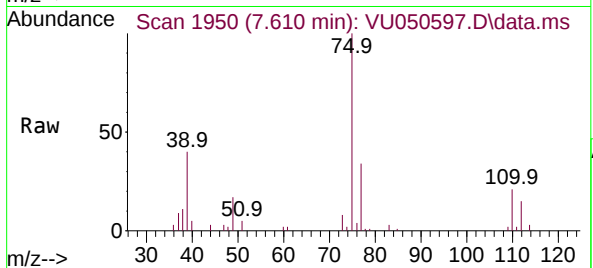
VSTD005019

Tgt Ion: 75 Resp: 16737

Ion Ratio Lower Upper

75 100

77 35.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 8.099 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

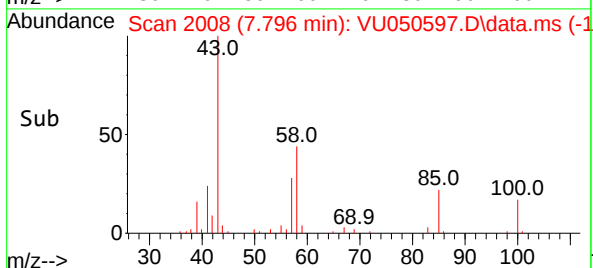
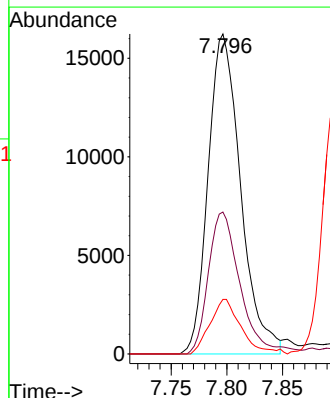
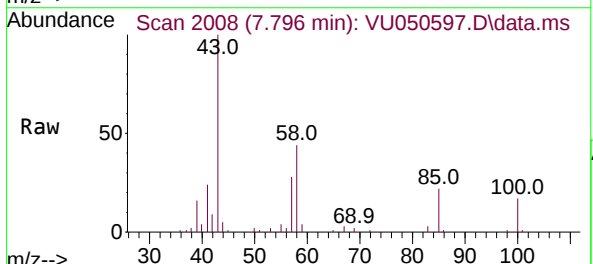
Tgt Ion: 43 Resp: 32973

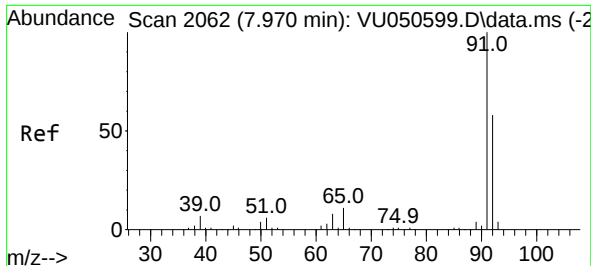
Ion Ratio Lower Upper

43 100

58 42.2 35.1 52.7

100 16.1 12.9 19.3

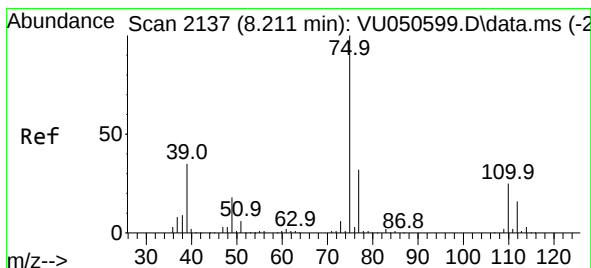
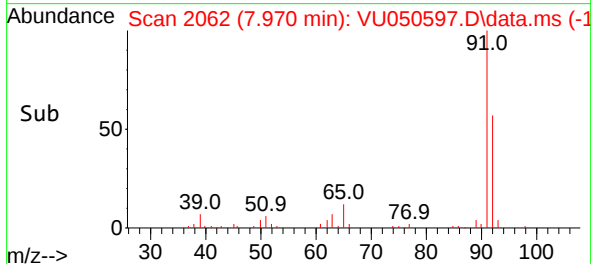
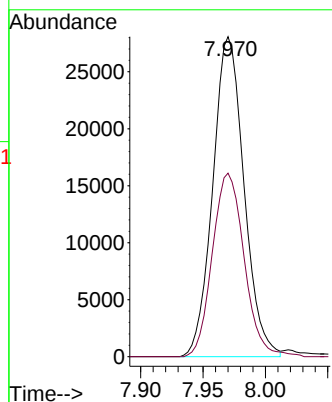
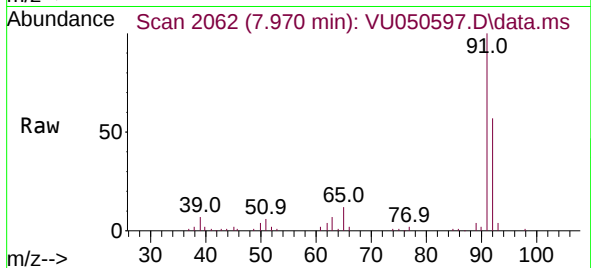




#42
Toluene
Concen: 4.713 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

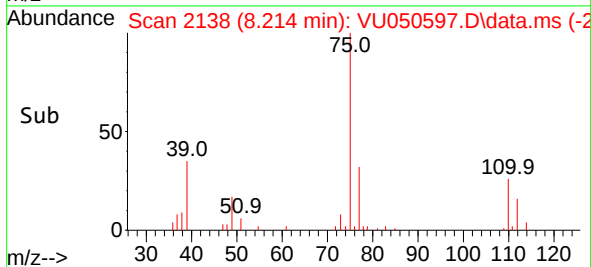
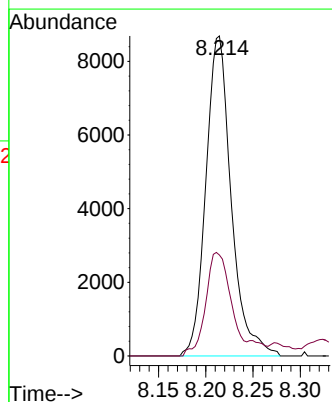
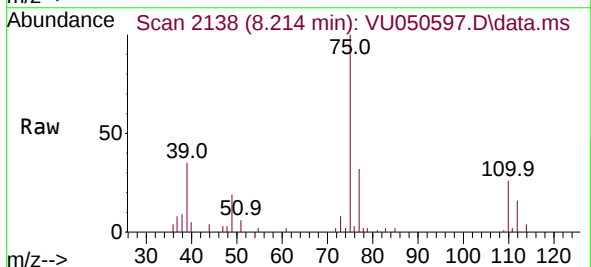
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

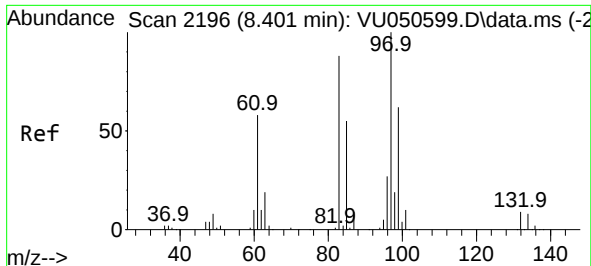
Tgt Ion: 91 Resp: 48955
Ion Ratio Lower Upper
91 100
92 57.4 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 4.715 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion: 75 Resp: 16212
Ion Ratio Lower Upper
75 100
77 31.6 22.1 41.1

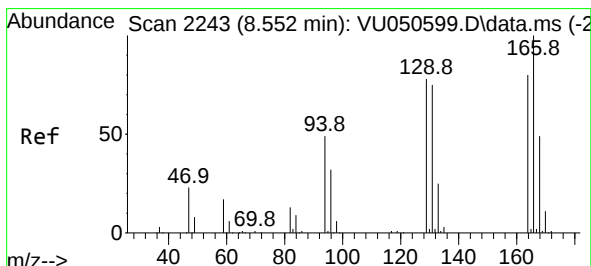
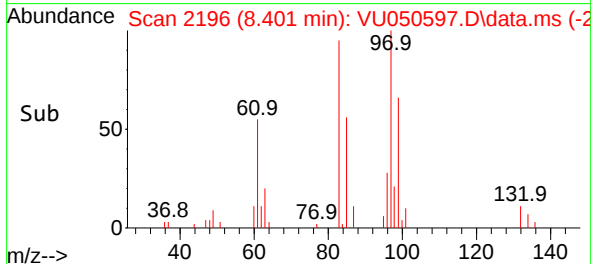
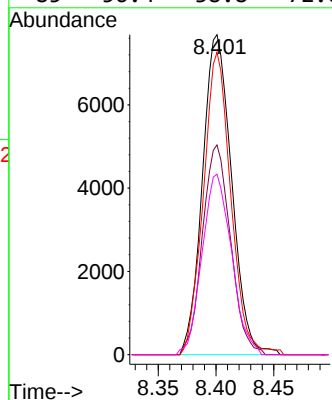
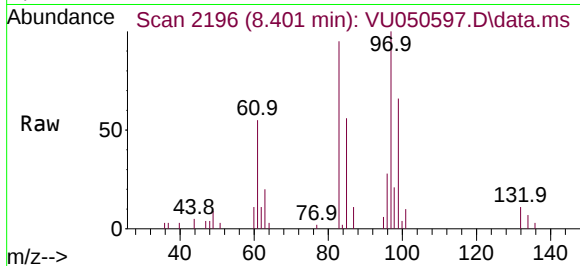




#45
1,1,2-Trichloroethane
Concen: 4.923 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

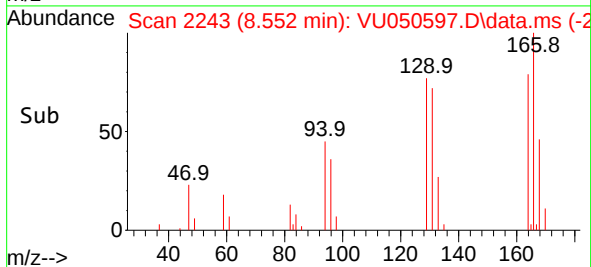
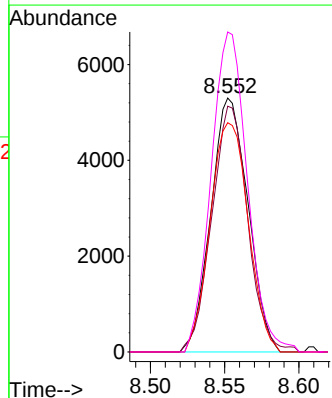
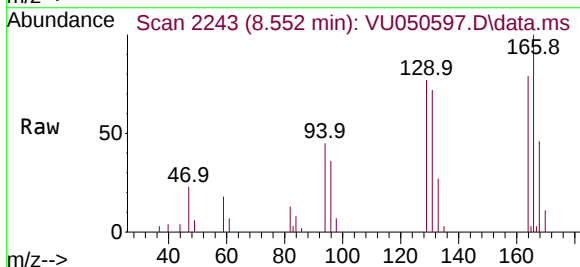
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

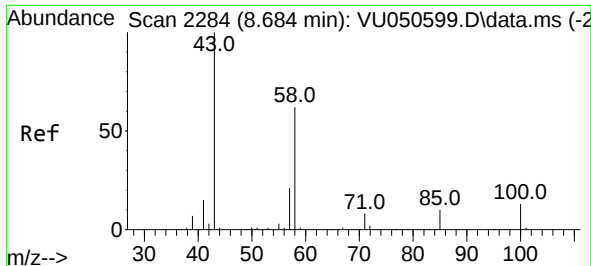
Tgt Ion:	97	Resp:	13498
Ion	Ratio	Lower	Upper
97	100		
99	65.6	43.5	80.9
83	94.5	61.6	114.4
85	56.4	38.8	72.0



#46
Tetrachloroethene
Concen: 5.409 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion:	164	Resp:	9229
Ion	Ratio	Lower	Upper
164	100		
129	96.8	68.7	127.5
131	90.3	66.2	123.0
166	126.0	87.7	162.9

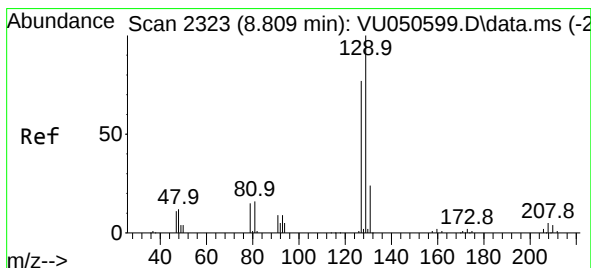
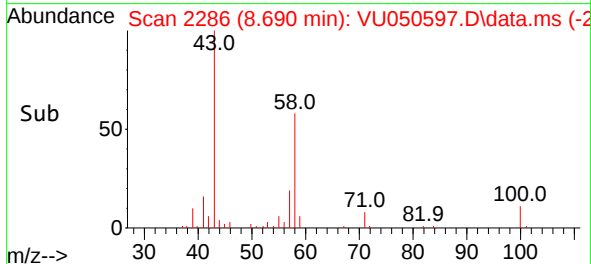
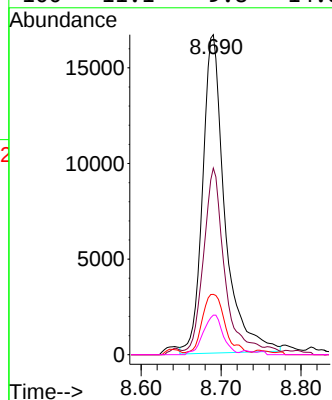
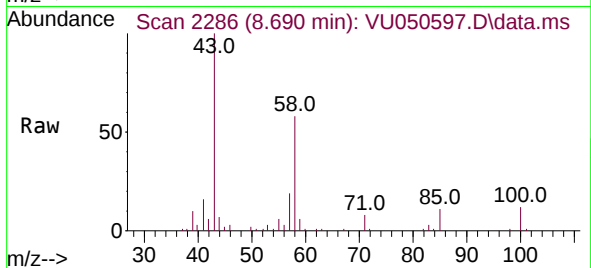




#48
2-Hexanone
Concen: 9.167 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

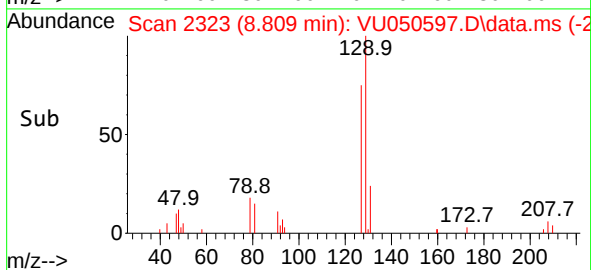
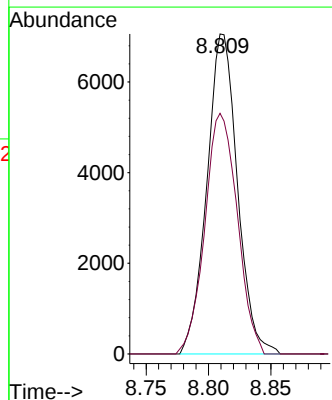
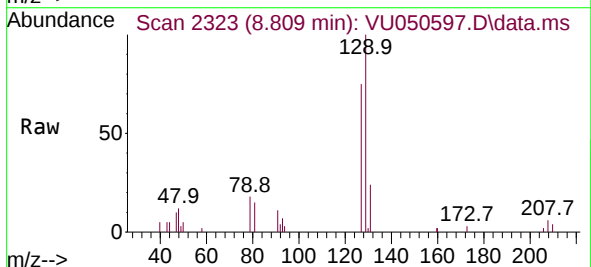
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

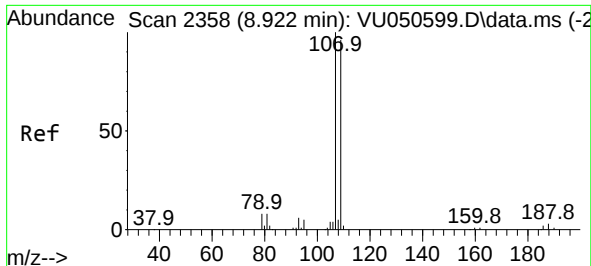
Tgt Ion:	43	Resp:	32245
Ion	Ratio	Lower	Upper
43	100		
58	53.2	51.8	77.6
57	17.3	17.0	25.4
100	11.1	9.8	14.8



#49
Dibromochloromethane
Concen: 4.982 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion:	129	Resp:	12088
Ion	Ratio	Lower	Upper
129	100		
127	75.2	53.8	100.0

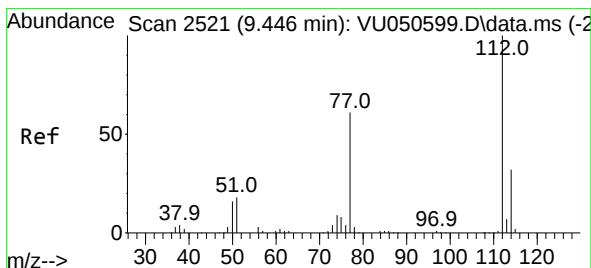
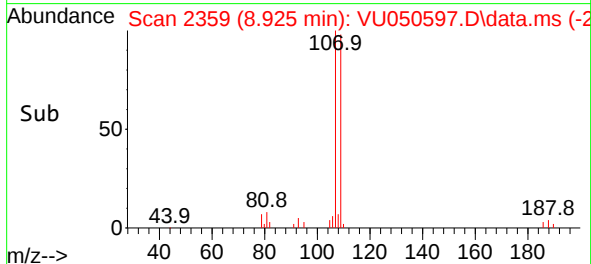
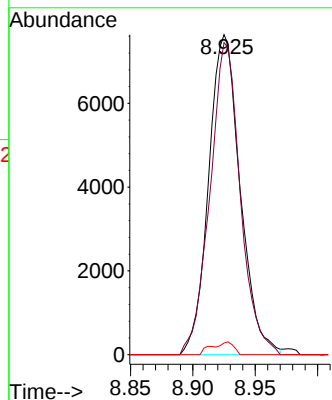
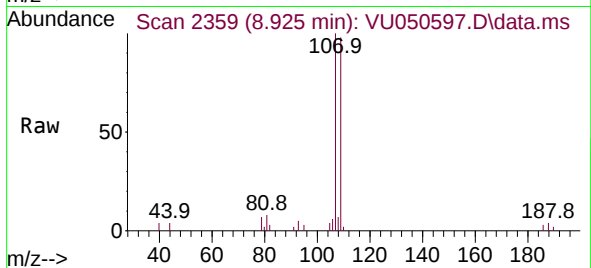




#50
1,2-Dibromoethane
Concen: 4.747 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

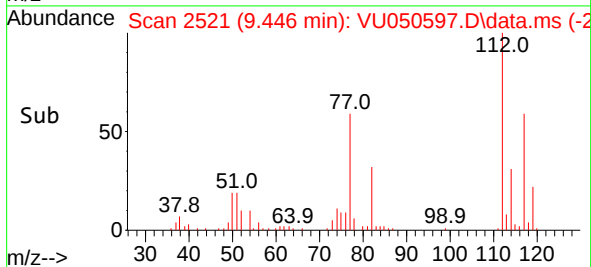
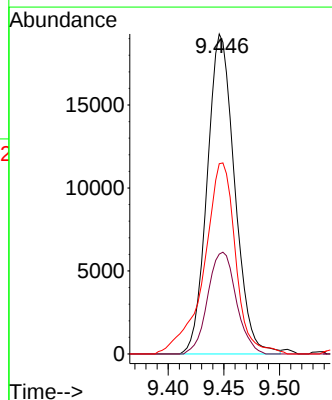
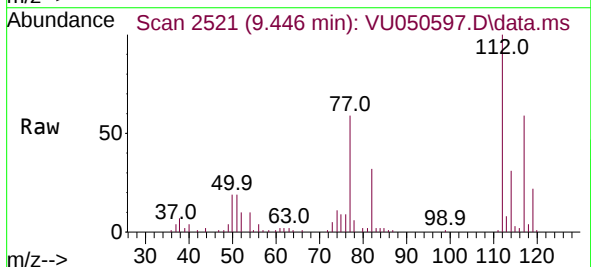
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

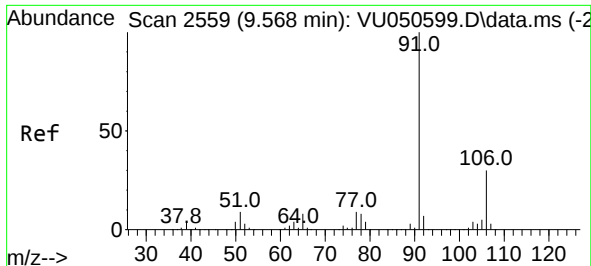
Tgt Ion:107 Resp: 13468
Ion Ratio Lower Upper
107 100
109 97.5 67.5 125.4
188 3.6 2.5 3.7



#51
Chlorobenzene
Concen: 5.106 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion:112 Resp: 33070
Ion Ratio Lower Upper
112 100
114 31.2 22.1 41.1
77 59.4 49.2 73.8

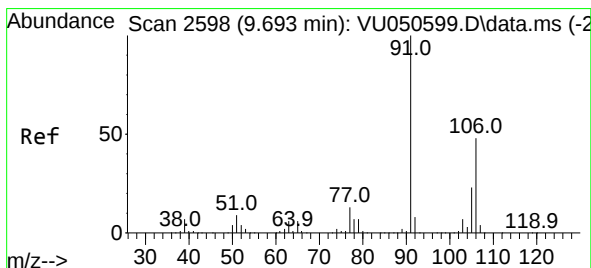
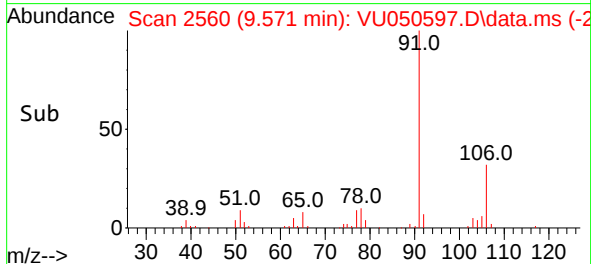
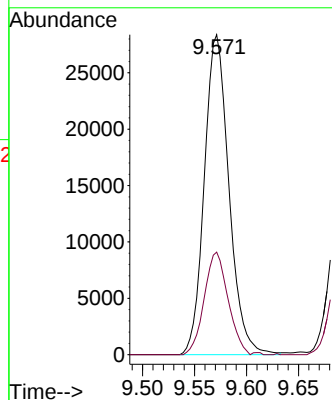
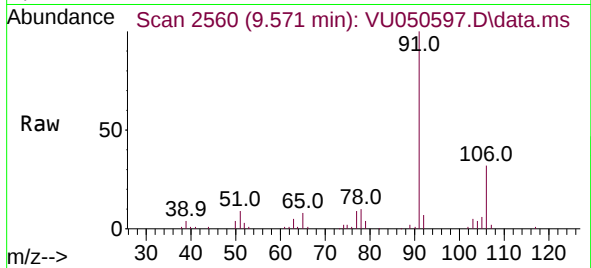




#52
Ethylbenzene
Concen: 4.595 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

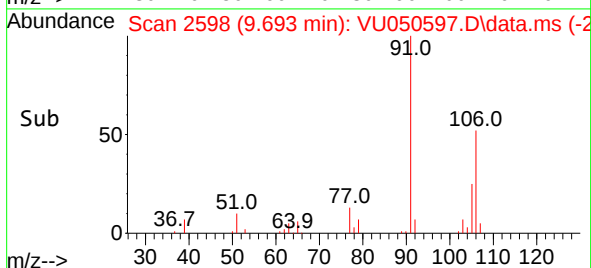
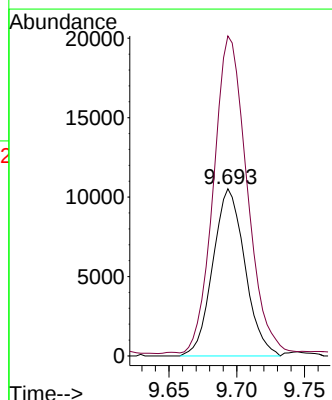
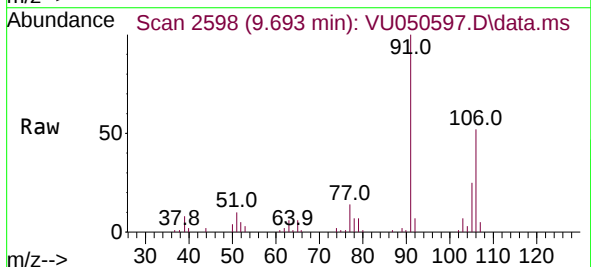
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

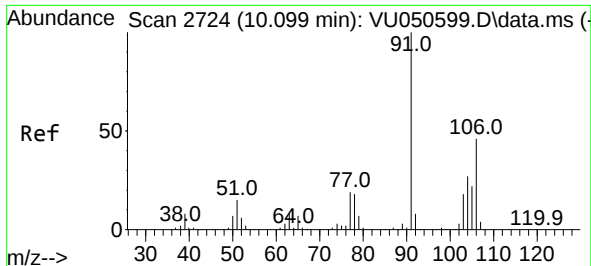
Tgt Ion: 91 Resp: 46724
Ion Ratio Lower Upper
91 100
106 32.1 21.2 39.4



#53
m,p-Xylene
Concen: 4.537 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion: 106 Resp: 17310
Ion Ratio Lower Upper
106 100
91 191.5 147.1 273.3

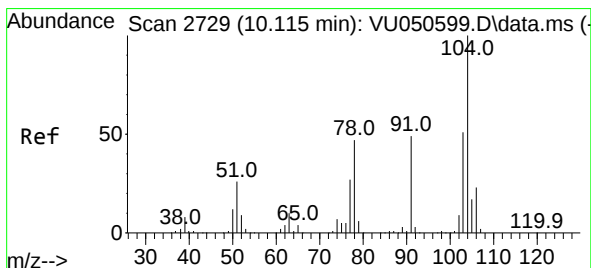
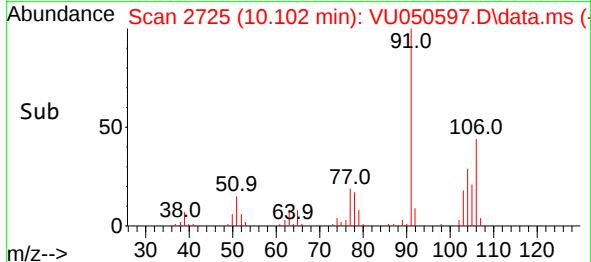
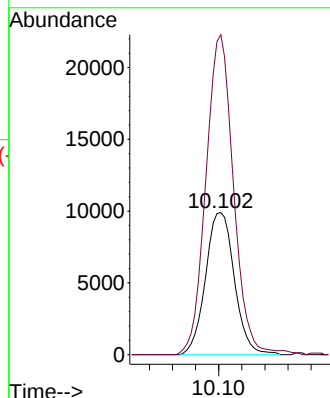
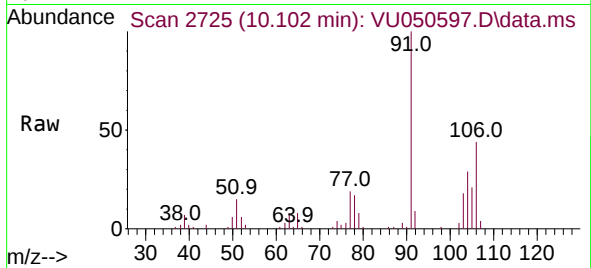




#54
o-Xylene
Concen: 4.439 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

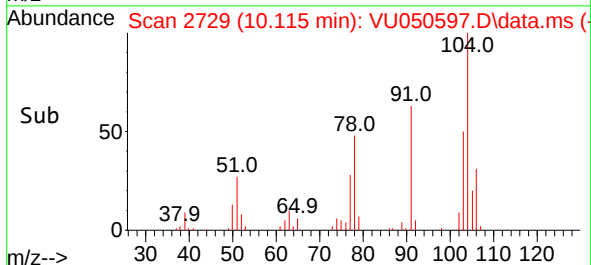
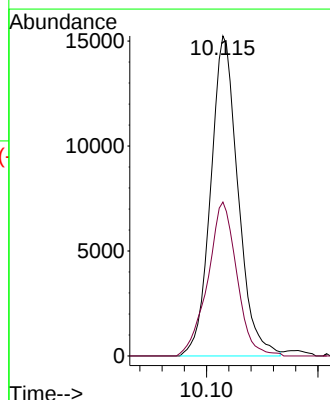
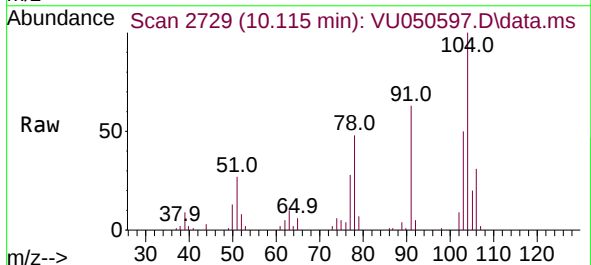
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

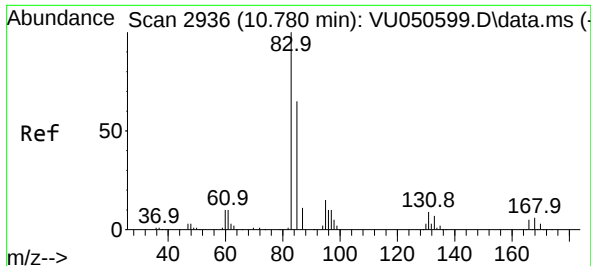
Tgt Ion:106 Resp: 17143
Ion Ratio Lower Upper
106 100
91 225.2 153.4 284.8



#55
Styrene
Concen: 4.059 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion:104 Resp: 25990
Ion Ratio Lower Upper
104 100
78 48.1 32.8 60.8

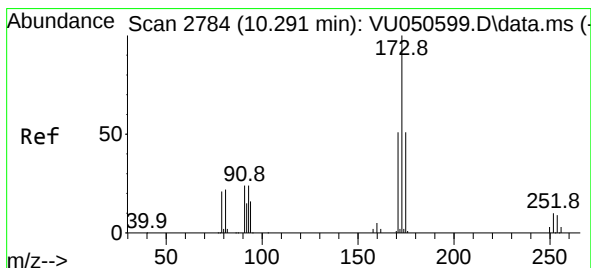
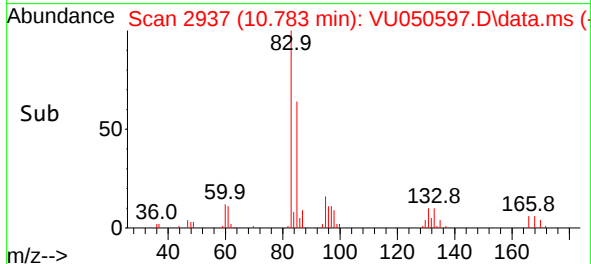
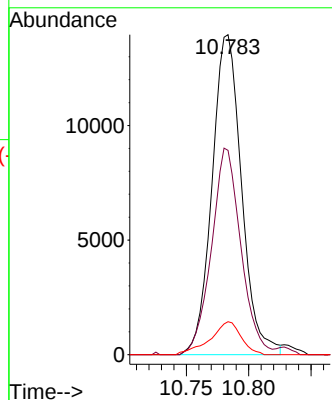
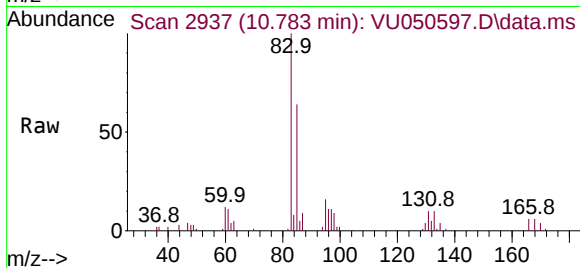




#57
1,1,2,2-Tetrachloroethane
Concen: 4.721 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

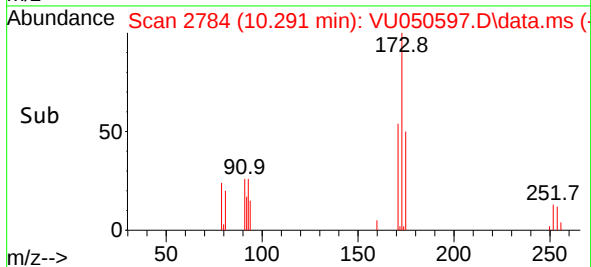
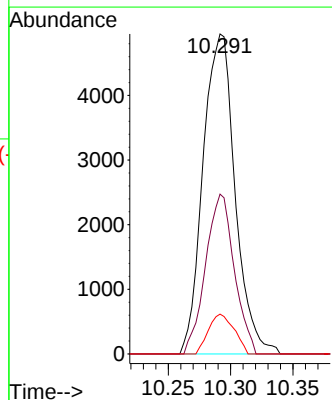
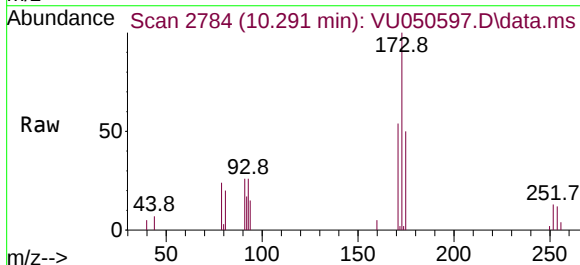
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

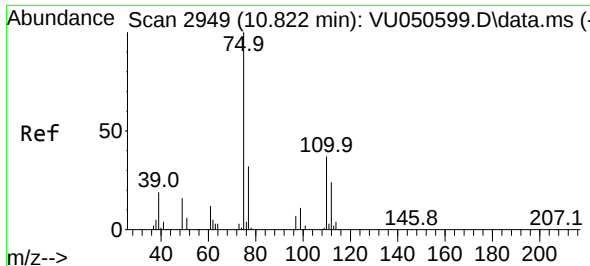
Tgt Ion: 83 Resp: 23043
Ion Ratio Lower Upper
83 100
85 63.9 45.5 84.5
131 10.3 7.7 11.5



#59
Bromoform
Concen: 5.694 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion: 173 Resp: 8852
Ion Ratio Lower Upper
173 100
175 44.6 40.0 60.0
254 10.0 7.4 11.0

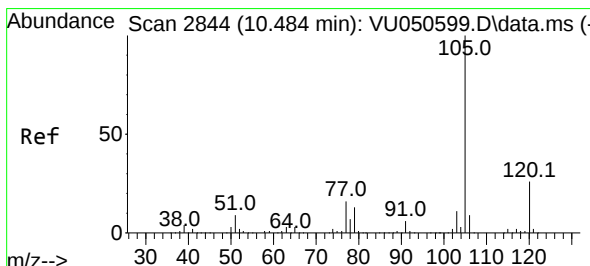
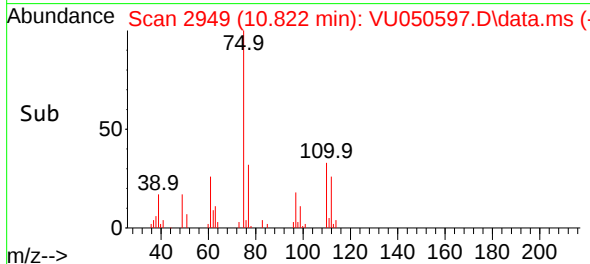
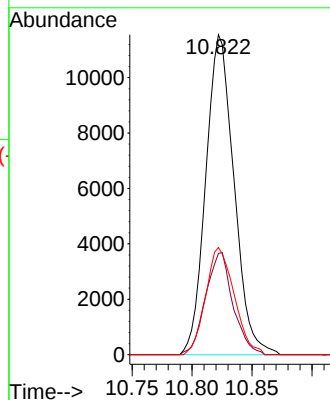
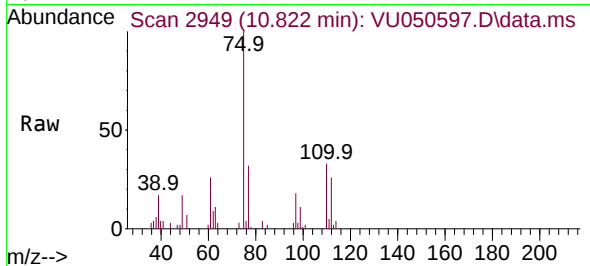




#60
1,2,3-Trichloropropane
Concen: 5.533 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

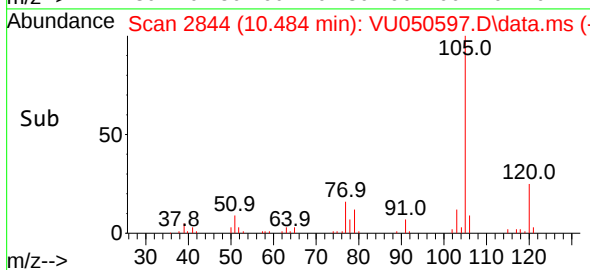
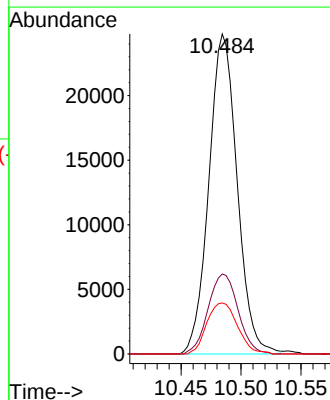
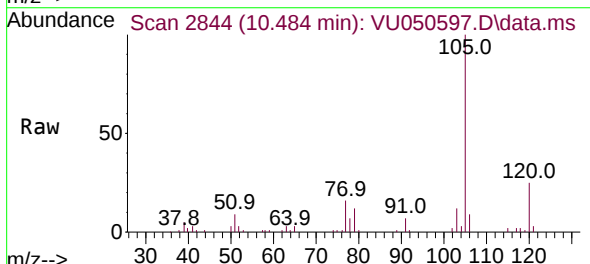
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

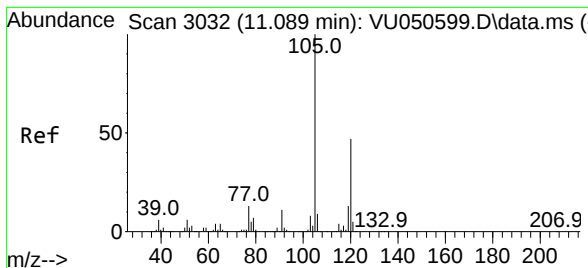
Tgt Ion:	75	Resp:	18899
Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.8
110	33.9	29.3	43.9



#61
Isopropylbenzene
Concen: 4.883 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion:	105	Resp:	40623
Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.4	30.6
77	17.3	12.8	19.2

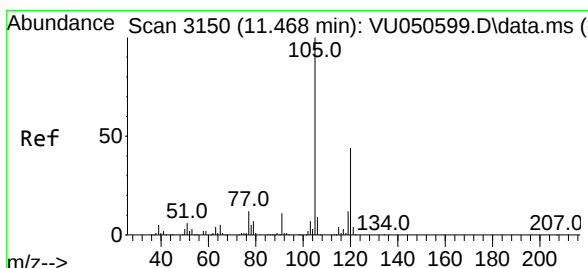
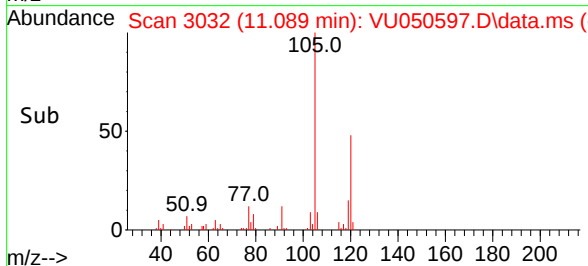
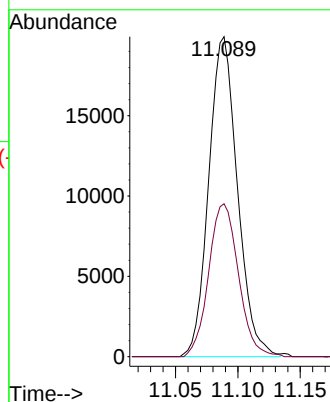
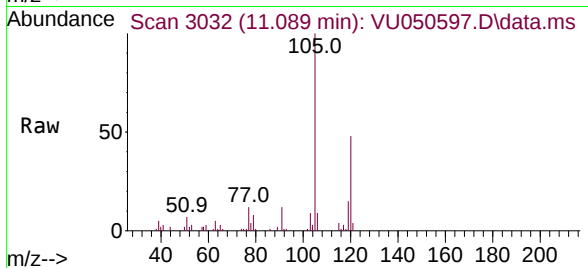




#62
 1,3,5-Trimethylbenzene
 Concen: 4.636 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050597.D
 Acq: 02 Sep 2022 14:06

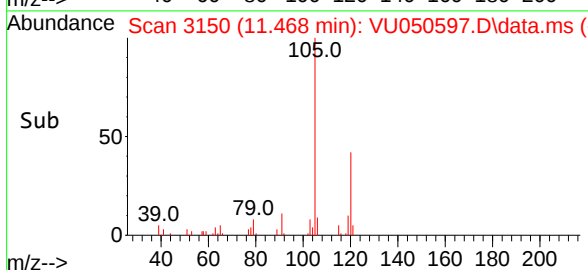
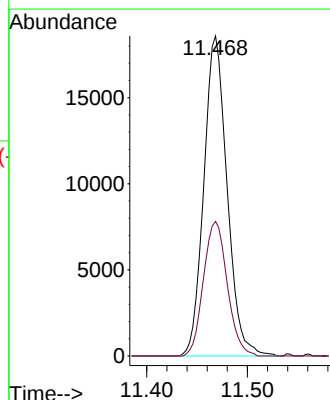
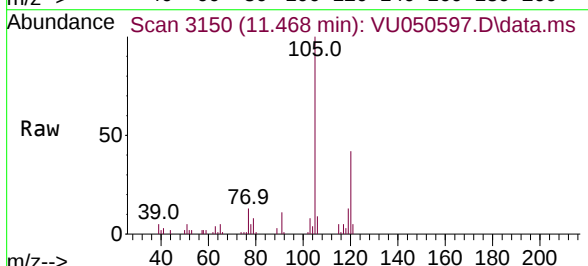
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005019

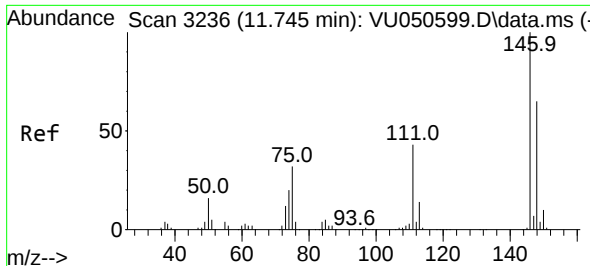
Tgt Ion:105 Resp: 31924
 Ion Ratio Lower Upper
 105 100
 120 49.6 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.472 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050597.D
 Acq: 02 Sep 2022 14:06

Tgt Ion:105 Resp: 29835
 Ion Ratio Lower Upper
 105 100
 120 43.1 35.3 52.9

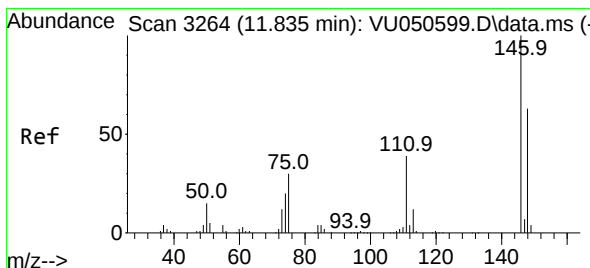
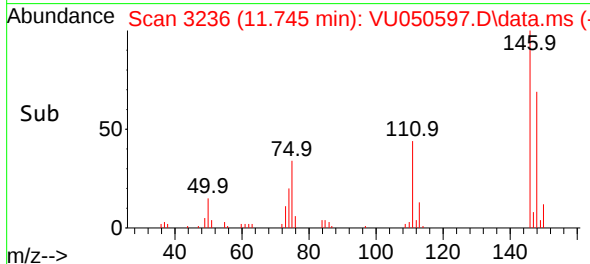
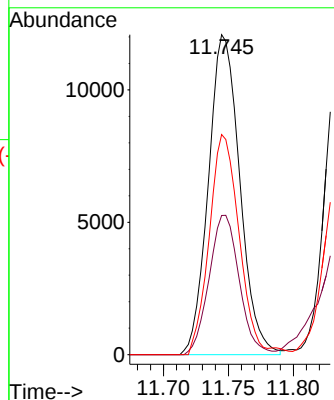
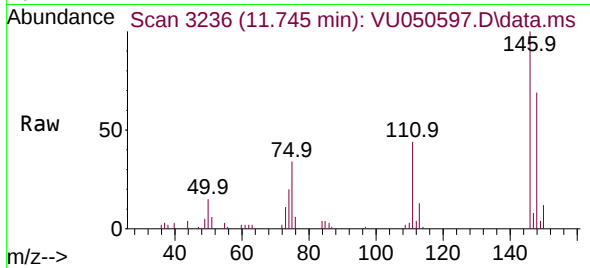




#64
1,3-Dichlorobenzene
Concen: 5.157 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

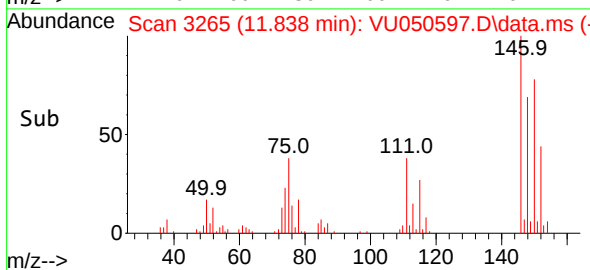
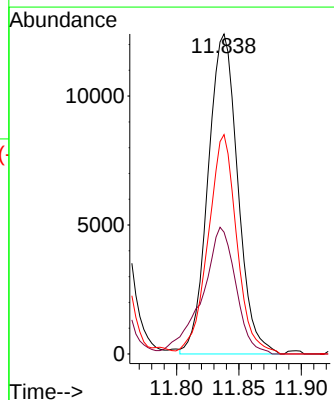
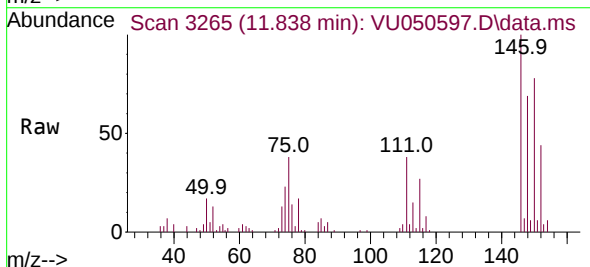
Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

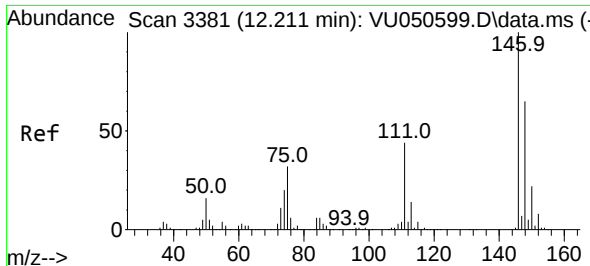
Tgt Ion:146 Resp: 20293
Ion Ratio Lower Upper
146 100
111 43.5 29.9 55.5
148 68.8 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 5.151 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion:146 Resp: 20609
Ion Ratio Lower Upper
146 100
111 38.1 27.9 51.7
148 74.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.859 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005019

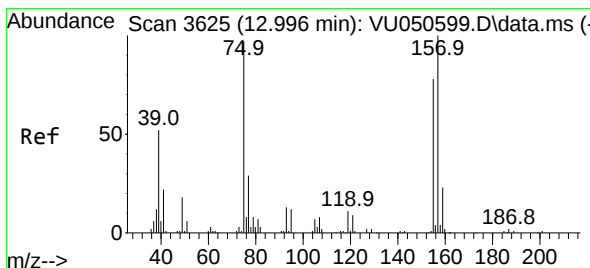
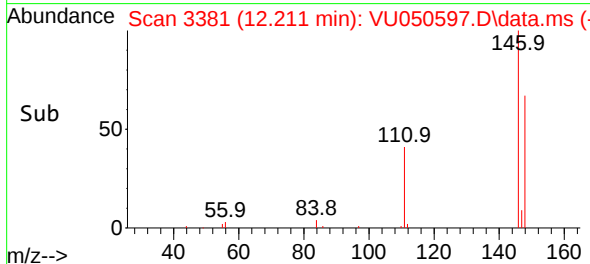
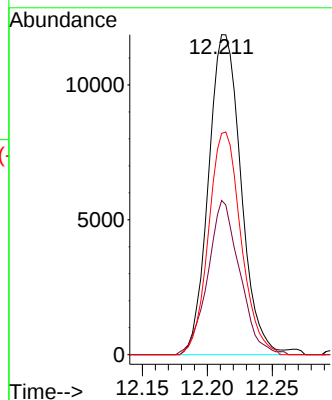
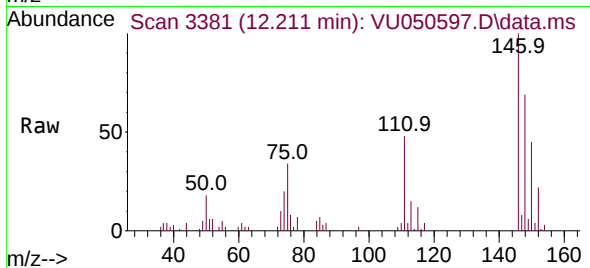
Tgt Ion:146 Resp: 20607

Ion Ratio Lower Upper

146 100

111 48.2 35.1 52.7

148 69.2 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.741 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050597.D

Acq: 02 Sep 2022 14:06

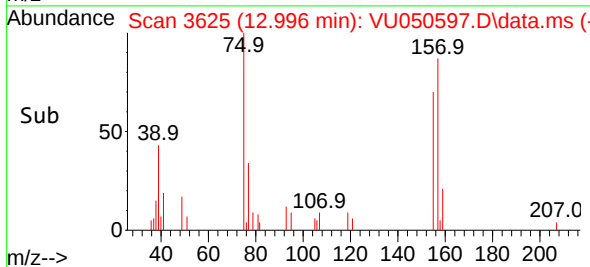
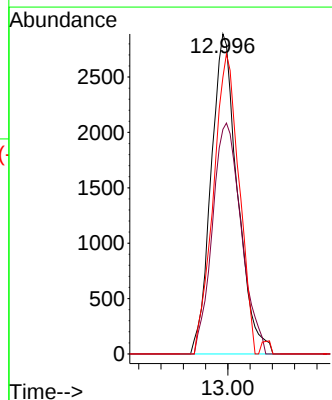
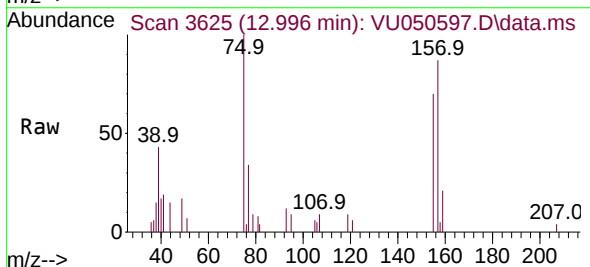
Tgt Ion: 75 Resp: 4750

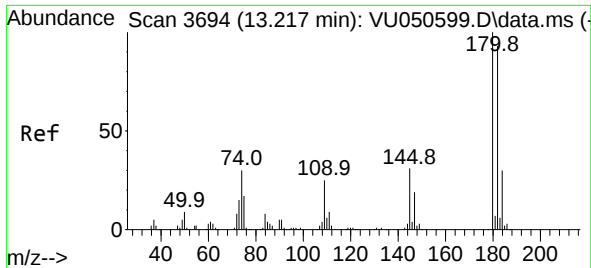
Ion Ratio Lower Upper

75 100

155 70.2 67.8 101.6

157 91.3 82.6 124.0

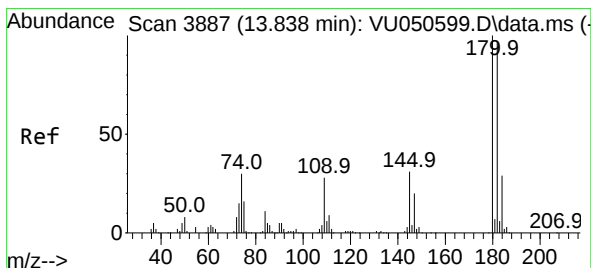
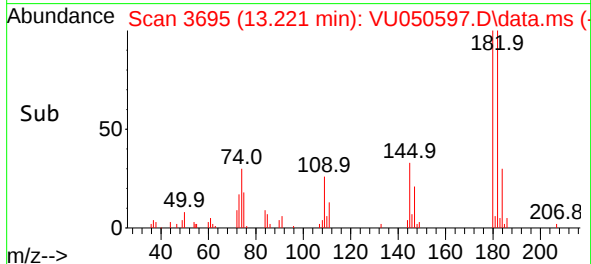
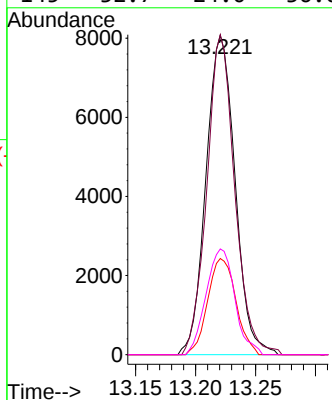
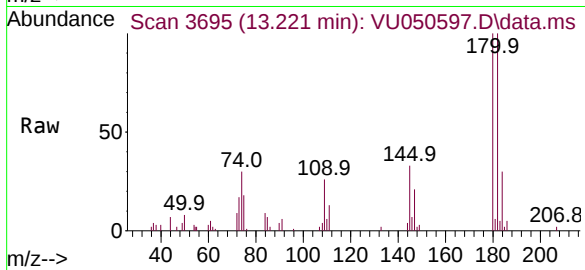




#69
 1,3,5-Trichlorobenzene
 Concen: 4.952 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU050597.D
 Acq: 02 Sep 2022 14:06

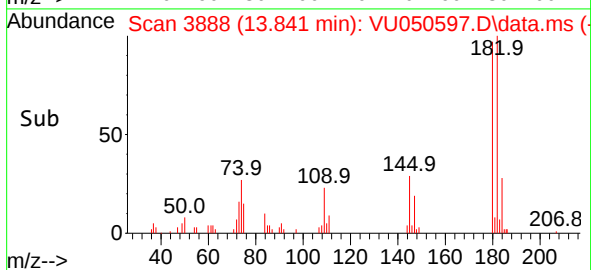
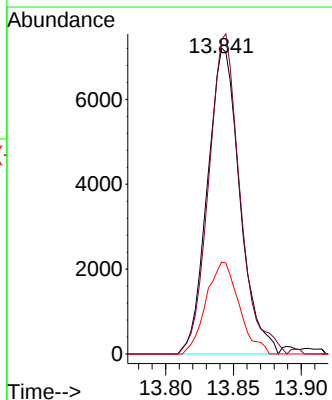
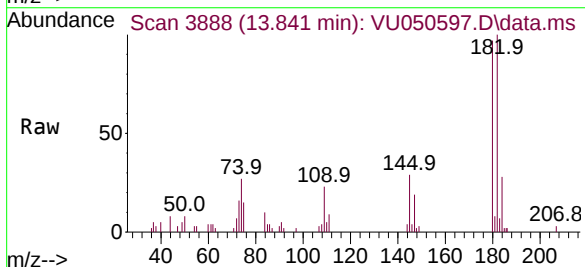
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005019

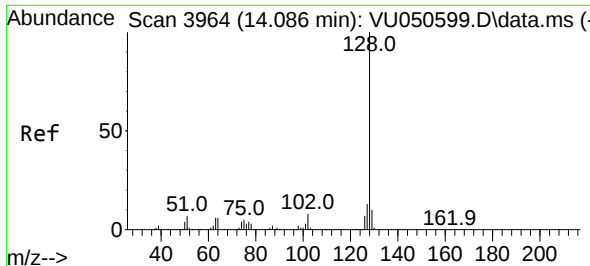
Tgt Ion:	180	Resp:	13577
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.3	112.9
184	29.3	23.8	35.8
145	32.7	24.0	36.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.950 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050597.D
 Acq: 02 Sep 2022 14:06

Tgt Ion:	180	Resp:	11966
Ion Ratio	Lower	Upper	
180	100		
182	100.9	76.2	114.2
145	29.8	24.7	37.1

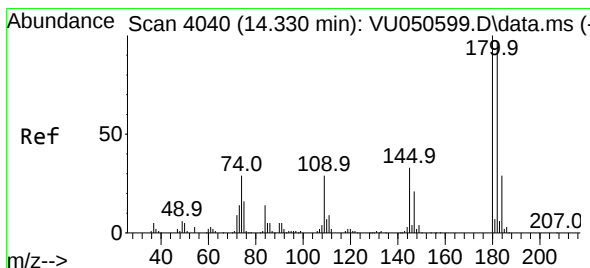
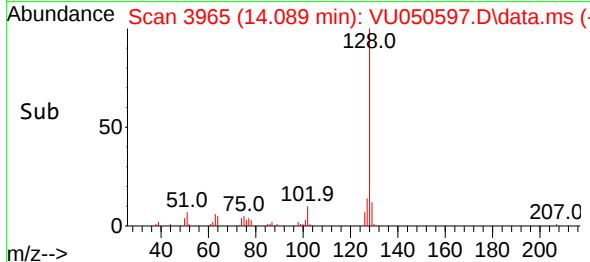
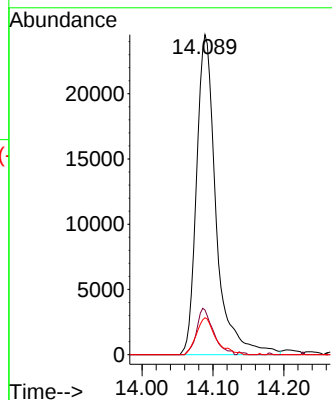
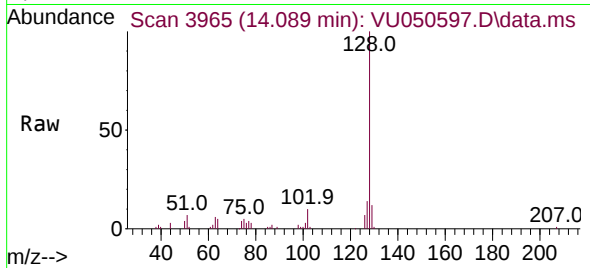




#71
Naphthalene
Concen: 4.834 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Instrument :
MSVOA_U
ClientSampleId :
VSTD005019

Tgt Ion:128 Resp: 46963
Ion Ratio Lower Upper
128 100
127 12.2 10.1 15.1
129 10.6 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 4.778 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050597.D
Acq: 02 Sep 2022 14:06

Tgt Ion:180 Resp: 13214
Ion Ratio Lower Upper
180 100
182 98.0 76.1 114.1
145 35.2 26.4 39.6

