

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050515.D
 Acq On : 30 Aug 2022 14:25
 Operator : SY/MD
 Sample : VSTD00513
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005013

Quant Time: Aug 31 01:24:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:24:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	354330	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	340329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	137636	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	14988	3.860	ug/L	0.00
7) Chloroethane-d5	1.909	69	11675	4.055	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	24348	4.333	ug/L	0.00
21) 2-Butanone-d5	4.639	46	23444	8.767	ug/L	0.00
24) Chloroform-d	5.067	84	27383	4.254	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	18891	4.683	ug/L	0.00
32) Benzene-d6	5.729	84	53452	4.440	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.691	67	17958	4.462	ug/L	0.00
41) Toluene-d8	7.900	98	44954	4.279	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	6687	4.022	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	9712	6.600	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28175	4.539	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	17719	5.545	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	13853	5.329	ug/L	92
3) Chloromethane	1.517	50	21266	6.471	ug/L	94
5) Vinyl chloride	1.601	62	18684	5.888	ug/L	96
6) Bromomethane	1.852	94	10356	8.325	ug/L	99
8) Chloroethane	1.929	64	12197	6.300	ug/L	99
9) Trichlorofluoromethane	2.134	101	22241	5.661	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	13475	5.637	ug/L	97
12) 1,1-Dichloroethene	2.578	96	13146	5.957	ug/L	94
13) Acetone	2.633	43	22532	12.212	ug/L	97
14) Carbon disulfide	2.790	76	32241	5.800	ug/L	99
15) Methyl Acetate	2.954	43	20211	6.010	ug/L	98
16) Methylene chloride	3.044	84	27292	8.685	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	14137	6.060	ug/L	92
18) Methyl tert-butyl Ether	3.366	73	45492	6.037	ug/L	99
19) 1,1-Dichloroethane	3.871	63	28589	5.690	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	16583	5.925	ug/L	95
22) 2-Butanone	4.716	43	30669	12.099	ug/L #	67
23) Bromochloromethane	4.980	128	8883	5.810	ug/L	96
25) Chloroform	5.089	83	29634	5.575	ug/L	98
27) 1,2-Dichloroethane	5.797	62	24001	5.963	ug/L	98
29) Cyclohexane	5.388	56	19741	6.238	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	21542	5.513	ug/L	98
31) Carbon tetrachloride	5.523	117	16322	5.180	ug/L	100
33) Benzene	5.774	78	64198	6.069	ug/L	100
34) Trichloroethene	6.543	95	15546	6.267	ug/L	96
35) Methylcyclohexane	6.765	83	19412	5.725	ug/L	96
37) 1,2-Dichloropropane	6.793	63	17915	5.865	ug/L	99
38) Bromodichloromethane	7.109	83	19536	5.124	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	21005	5.238	ug/L	98
40) 4-Methyl-2-pentanone	7.797	43	49054	11.872	ug/L	98
42) Toluene	7.970	91	61173	5.770	ug/L	98
44) trans-1,3-Dichloropropene	8.215	75	18392	4.942	ug/L	95

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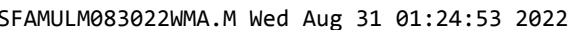
Quant Time: Aug 31 01:24:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:24:09 2022
 Response via : Initial Calibration

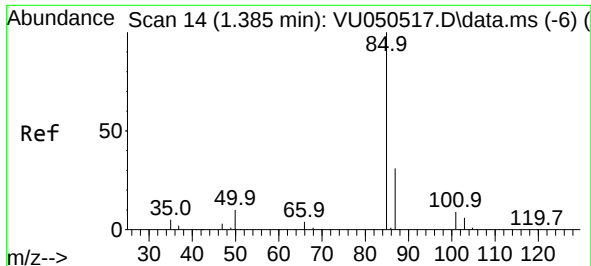
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	17707	5.902	ug/L	96
46) Tetrachloroethene	8.555	164	10773	5.976	ug/L	92
48) 2-Hexanone	8.691	43	44879	12.996	ug/L	95
49) Dibromochloromethane	8.809	129	13704	4.549	ug/L	96
50) 1,2-Dibromoethane	8.925	107	17784	5.879	ug/L	99
51) Chlorobenzene	9.449	112	41185	5.952	ug/L	99
52) Ethylbenzene	9.571	91	56562	5.325	ug/L	92
53) m,p-Xylene	9.697	106	21014	5.296	ug/L	99
54) o-Xylene	10.102	106	20583	5.176	ug/L	100
55) Styrene	10.118	104	32221	4.802	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	30110	5.532	ug/L	94
59) Bromoform	10.292	173	9523	4.879	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	23940	6.556	ug/L	98
61) Isopropylbenzene	10.485	105	49960	5.754	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	37765	5.348	ug/L	96
63) 1,2,4-Trimethylbenzene	11.472	105	36595	5.322	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	26808	6.354	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	28619	6.763	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	29408	6.591	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	5275	5.570	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	19447	6.747	ug/L	99
70) 1,2,4-trichlorobenzene	13.845	180	18211	7.858	ug/L	97
71) Naphthalene	14.089	128	86799	11.041	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	22579	8.833	ug/L	99

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

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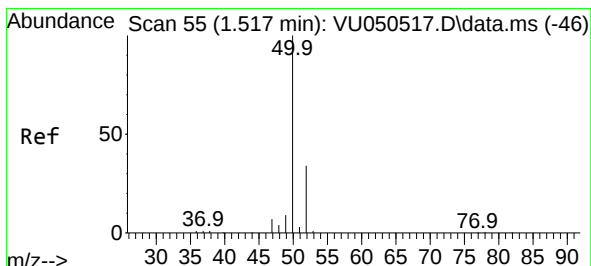
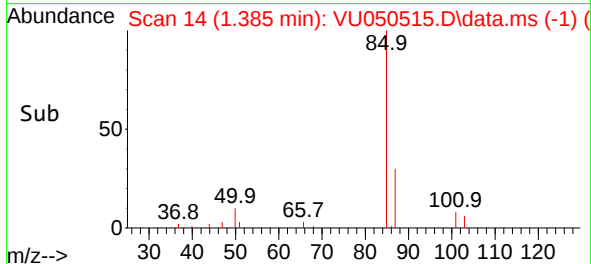
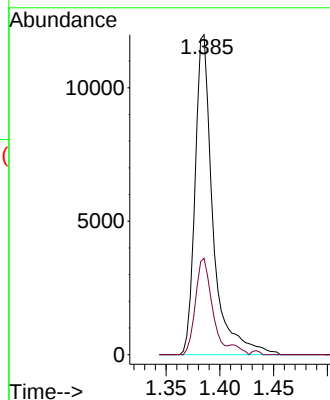
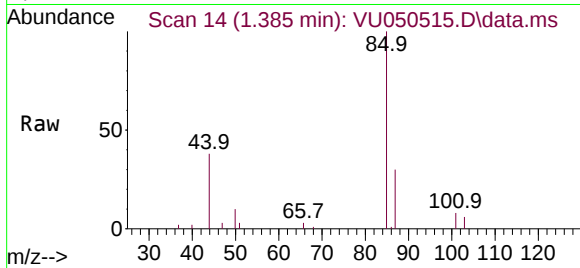




#2
Dichlorodifluoromethane
Concen: 5.329 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

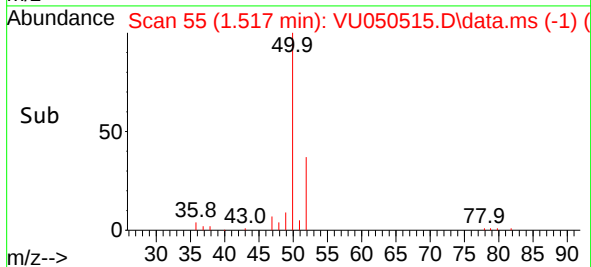
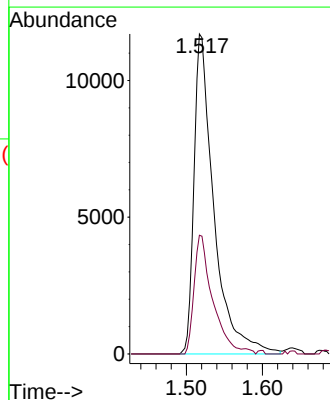
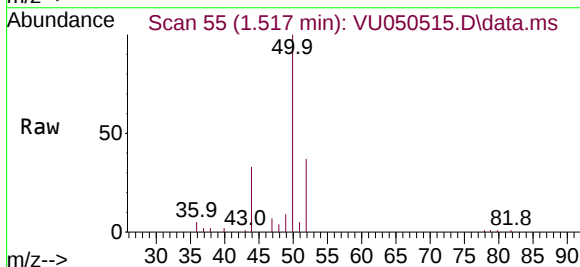
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

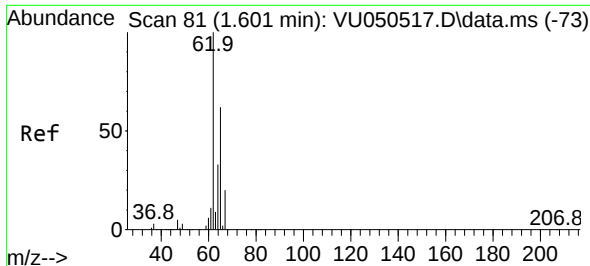
Tgt Ion: 85 Resp: 13853
Ion Ratio Lower Upper
85 100
87 27.6 25.5 38.3



#3
Chloromethane
Concen: 6.471 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion: 50 Resp: 21266
Ion Ratio Lower Upper
50 100
52 37.1 23.6 43.8

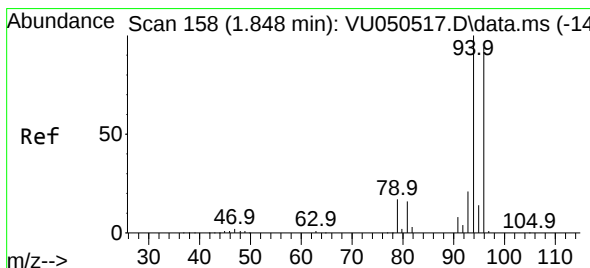
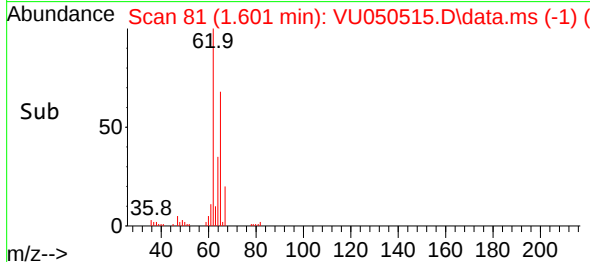
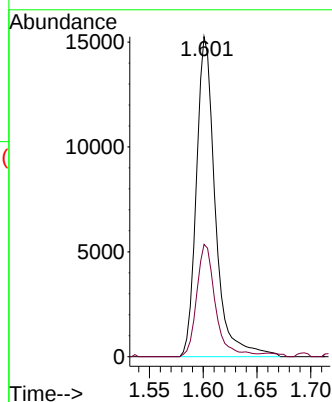
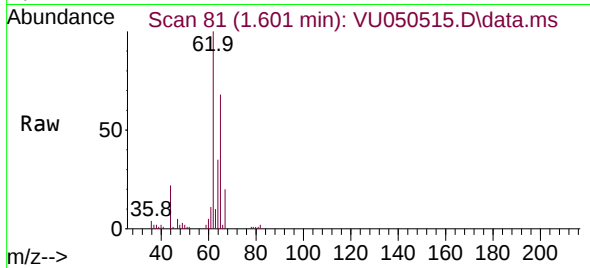




#5
 Vinyl chloride
 Concen: 5.888 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050515.D
 Acq: 30 Aug 2022 14:25

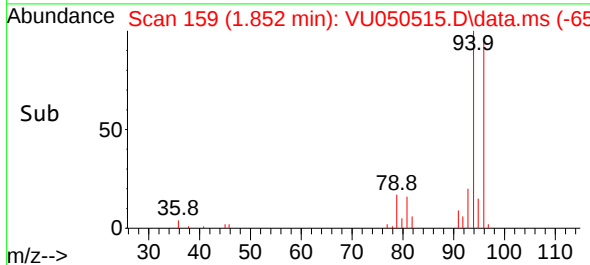
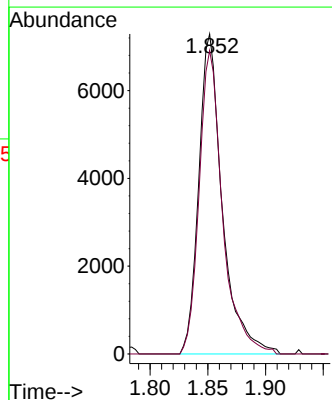
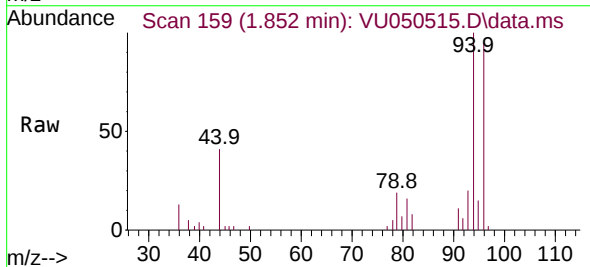
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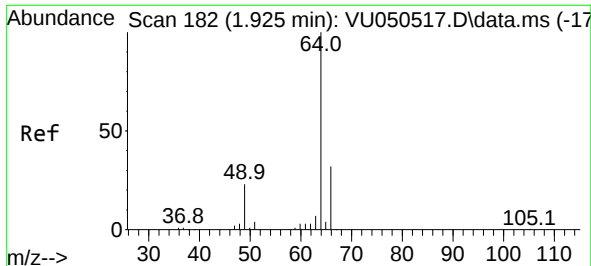
Tgt Ion: 62 Resp: 18684
 Ion Ratio Lower Upper
 62 100
 64 35.1 22.9 42.5



#6
 Bromomethane
 Concen: 8.325 ug/L
 RT: 1.852 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VU050515.D
 Acq: 30 Aug 2022 14:25

Tgt Ion: 94 Resp: 10356
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.9 122.3

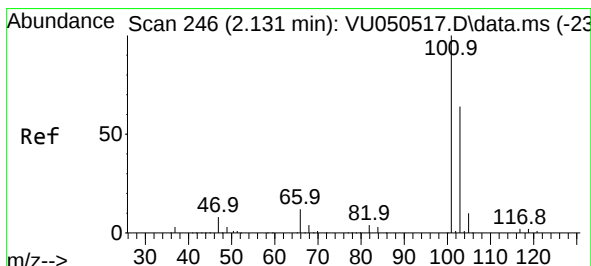
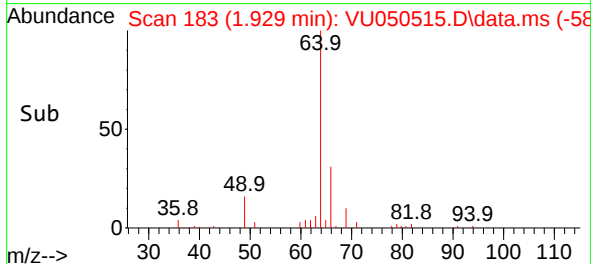
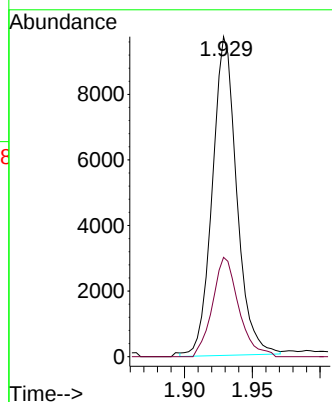
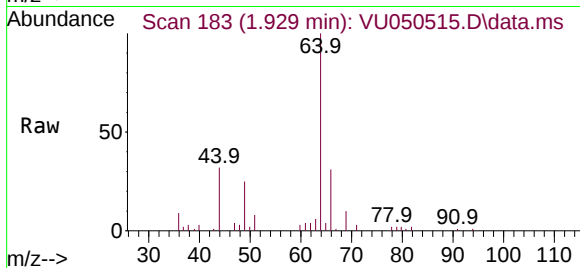




#8
Chloroethane
Concen: 6.300 ug/L
RT: 1.929 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

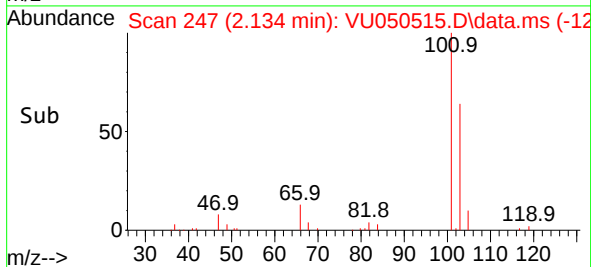
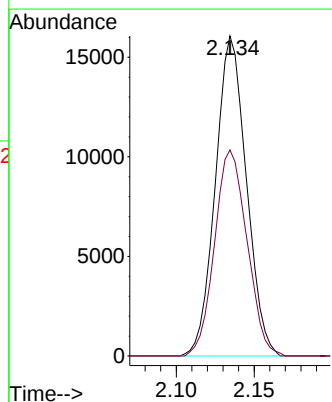
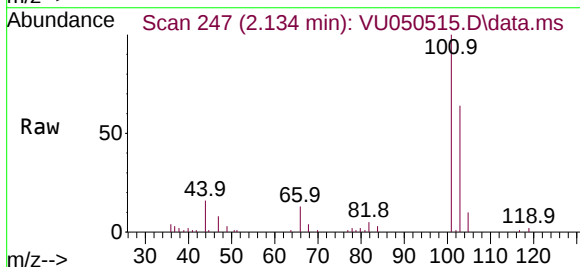
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

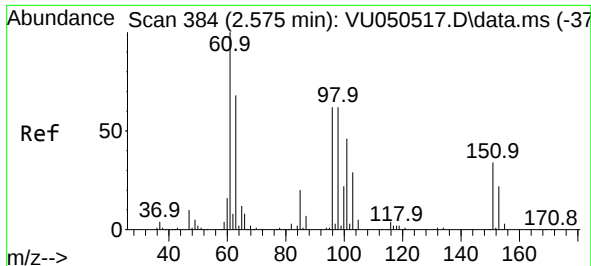
Tgt Ion: 64 Resp: 12197
Ion Ratio Lower Upper
64 100
66 31.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.661 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion: 101 Resp: 22241
Ion Ratio Lower Upper
101 100
103 67.2 52.0 78.0





#10

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

Concen: 5.637 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005013

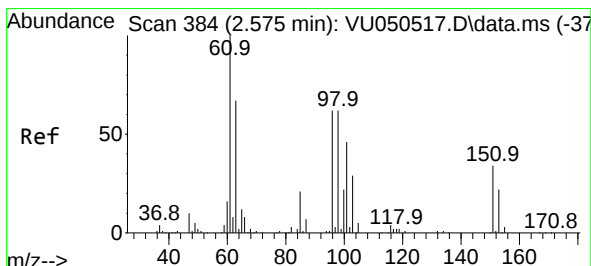
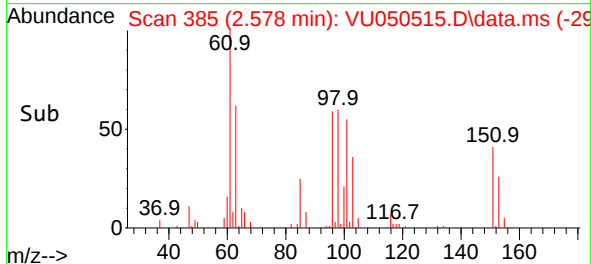
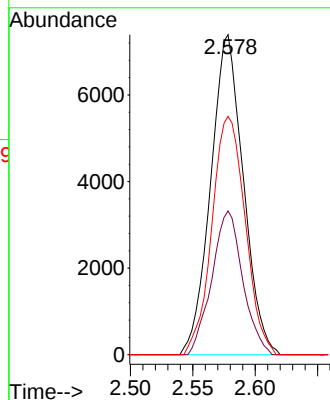
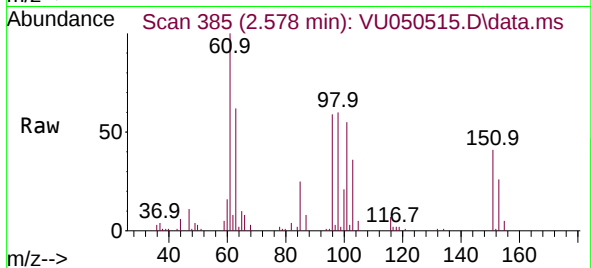
Tgt Ion:101 Resp: 13475

Ion Ratio Lower Upper

101 100

85 42.5 34.6 52.0

151 75.8 58.2 87.2



#12

1,1-Dichloroethene

Concen: 5.957 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

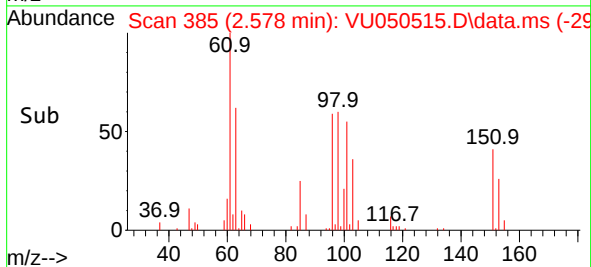
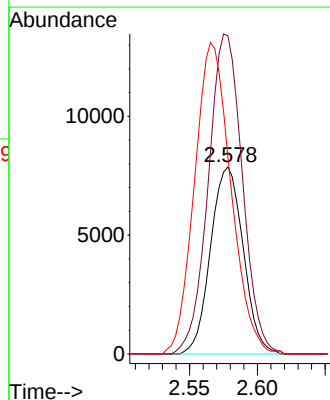
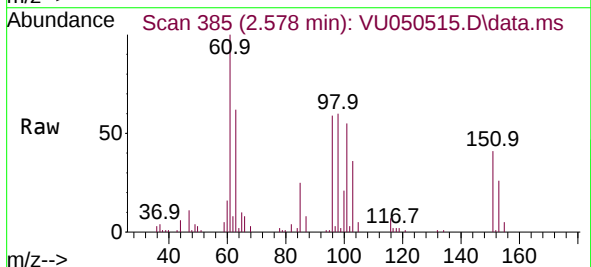
Tgt Ion: 96 Resp: 13146

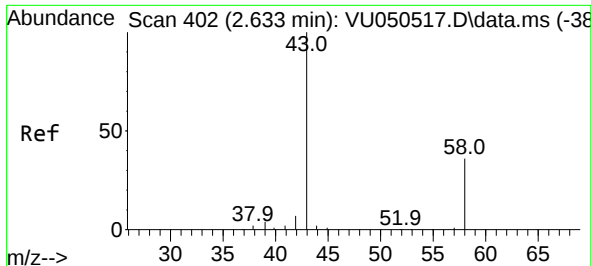
Ion Ratio Lower Upper

96 100

61 170.1 113.5 210.9

63 105.5 78.0 144.9





#13

Acetone

Concen: 12.212 ug/L

RT: 2.633 min Scan# 402

Delta R.T. 0.000 min

Lab File: VU050515.D

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ClientSampleId :

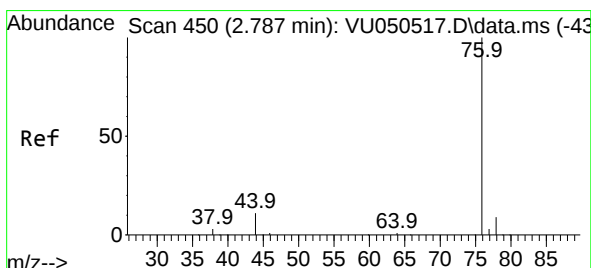
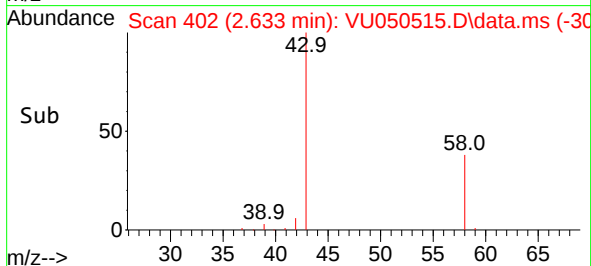
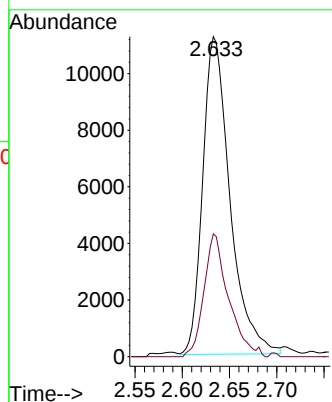
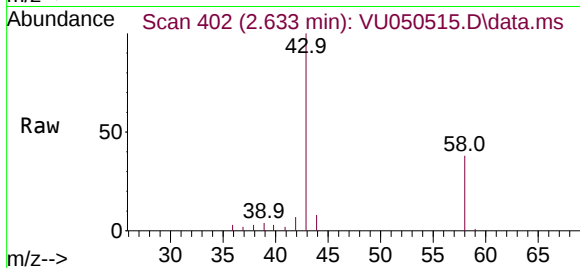
VSTD005013

Tgt Ion: 43 Resp: 22532

Ion Ratio Lower Upper

43 100

58 34.3 0.0 71.6



#14

Carbon disulfide

Concen: 5.800 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050515.D

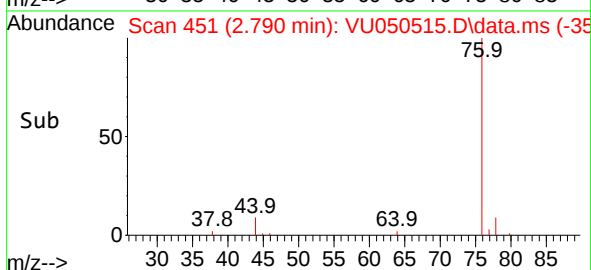
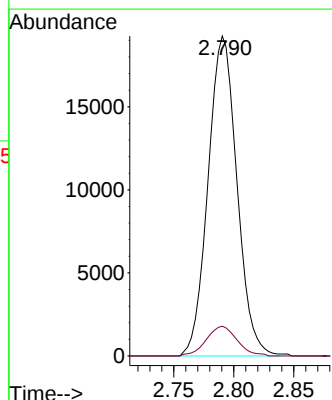
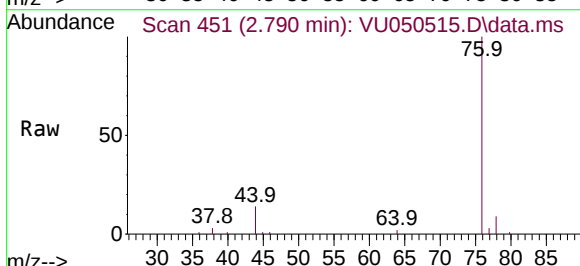
Acq: 30 Aug 2022 14:25

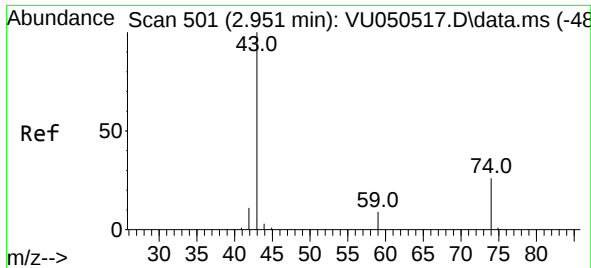
Tgt Ion: 76 Resp: 32241

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

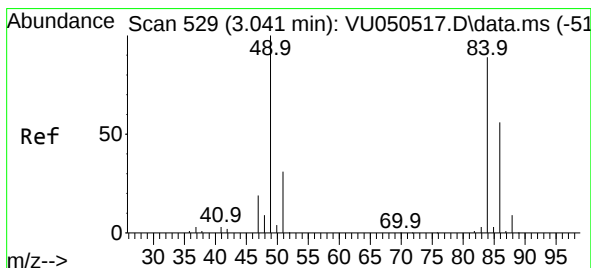
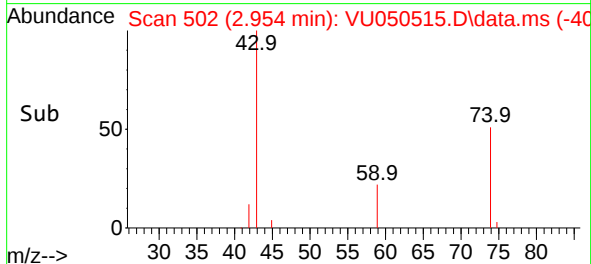
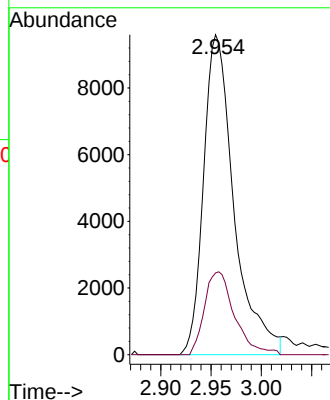
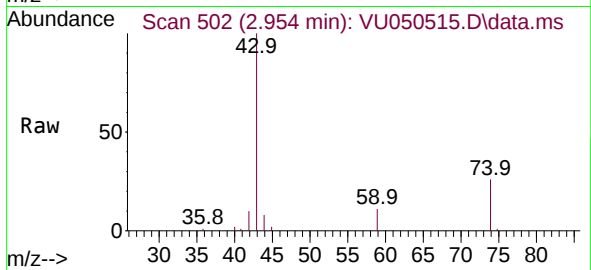




#15
Methyl Acetate
Concen: 6.010 ug/L
RT: 2.954 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

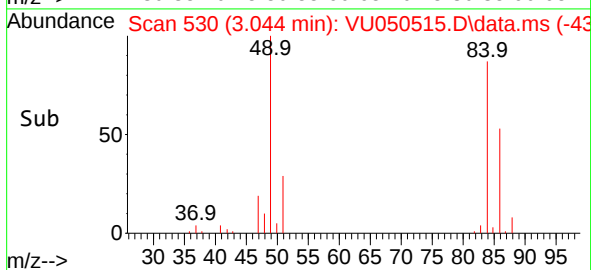
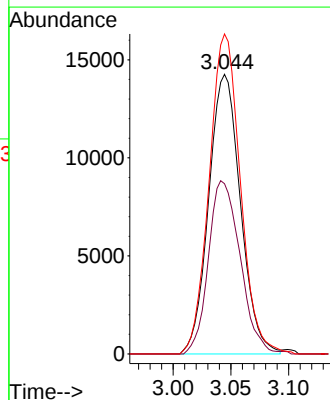
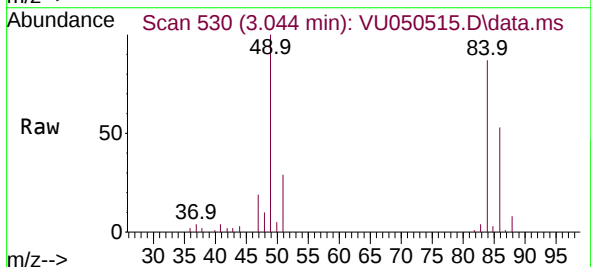
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

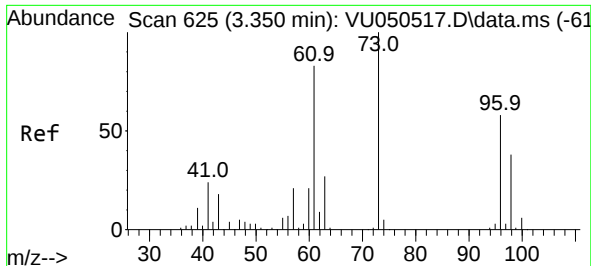
Tgt Ion: 43 Resp: 20211
Ion Ratio Lower Upper
43 100
74 25.3 21.0 31.6



#16
Methylene chloride
Concen: 8.685 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion: 84 Resp: 27292
Ion Ratio Lower Upper
84 100
86 60.8 44.3 82.3
49 114.4 78.8 146.3





#17

trans-1,2-Dichloroethene

Concen: 6.060 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005013

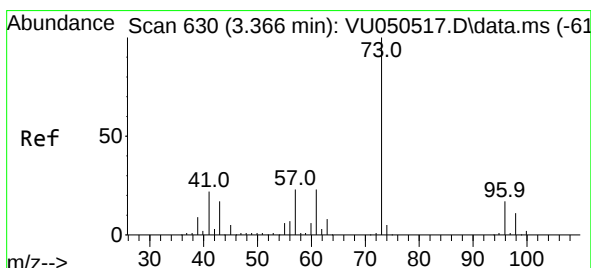
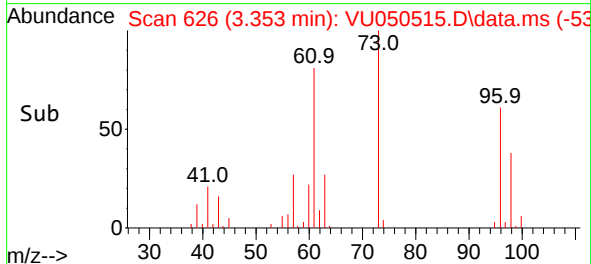
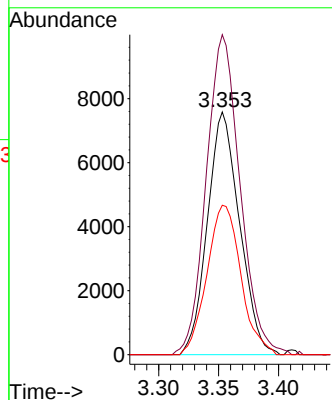
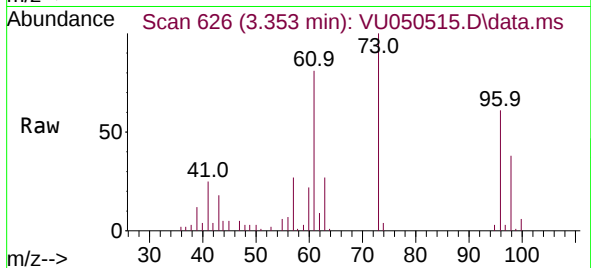
Tgt Ion: 96 Resp: 14137

Ion Ratio Lower Upper

96 100

61 131.8 99.7 185.1

98 61.6 46.2 85.8



#18

Methyl tert-butyl Ether

Concen: 6.037 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

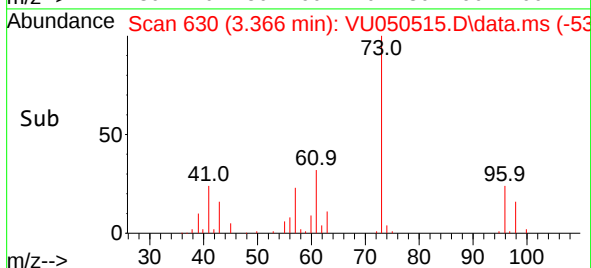
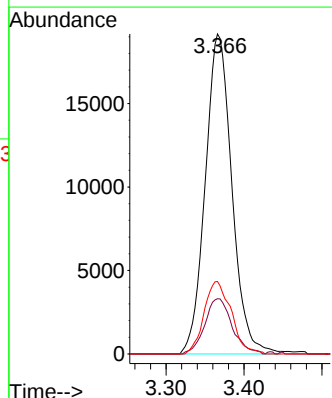
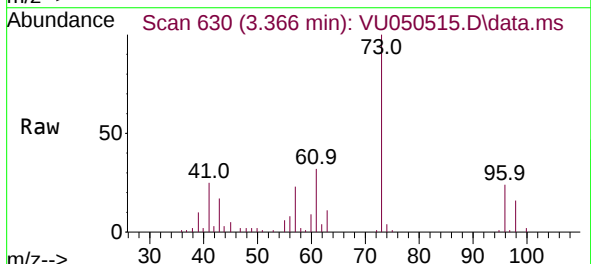
Tgt Ion: 73 Resp: 45492

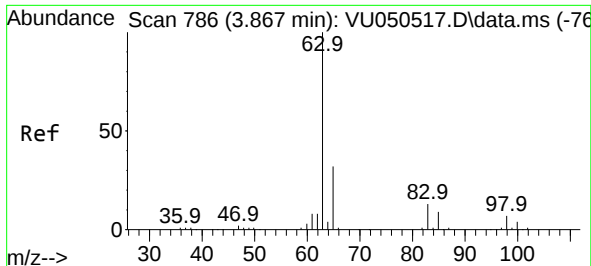
Ion Ratio Lower Upper

73 100

43 17.7 13.9 20.9

57 23.1 17.8 26.6





#19

1,1-Dichloroethane

Concen: 5.690 ug/L

RT: 3.871 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005013

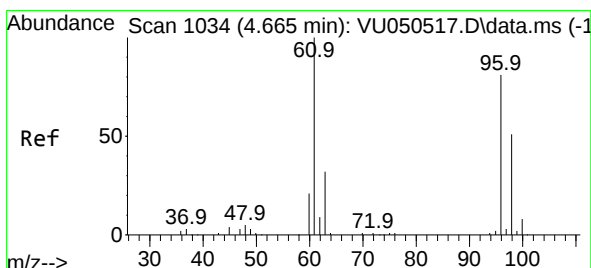
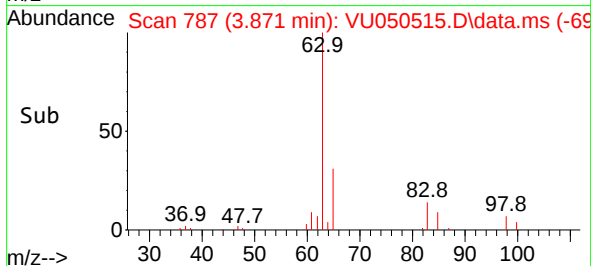
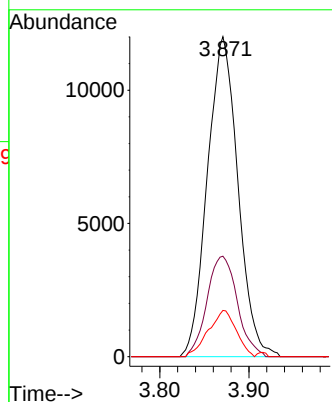
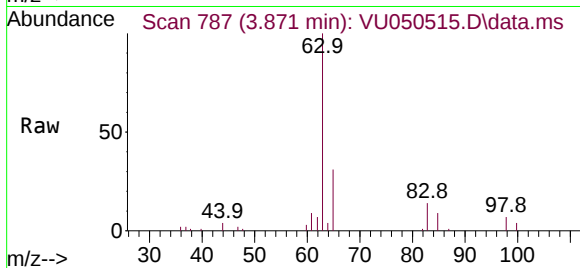
Tgt Ion: 63 Resp: 28589

Ion Ratio Lower Upper

63 100

65 31.4 22.5 41.9

83 14.5 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 5.925 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

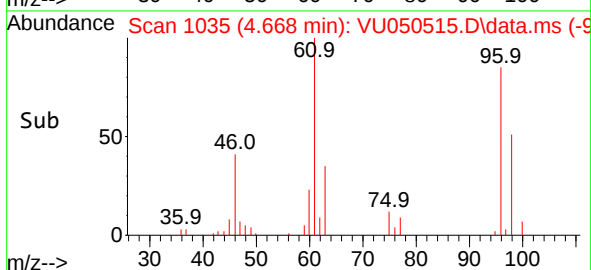
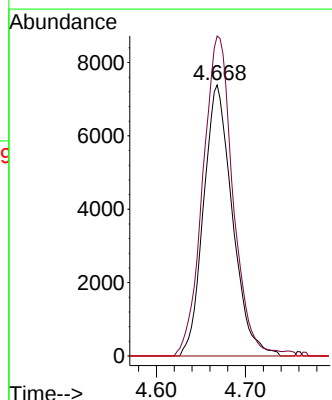
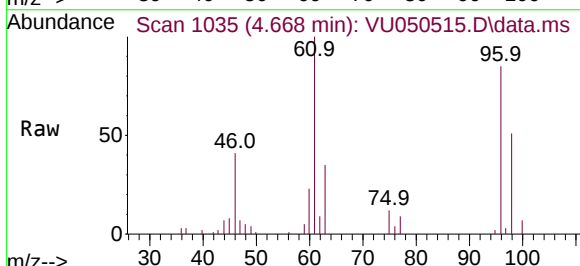
Tgt Ion: 96 Resp: 16583

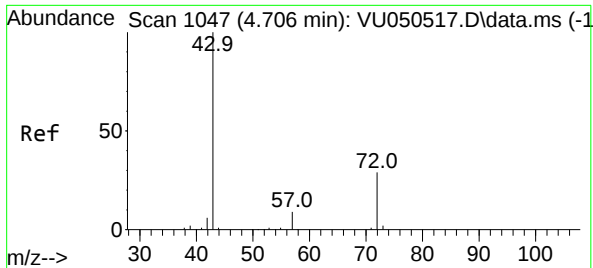
Ion Ratio Lower Upper

96 100

61 118.1 86.8 161.2

68 0.0 0.0 0.0

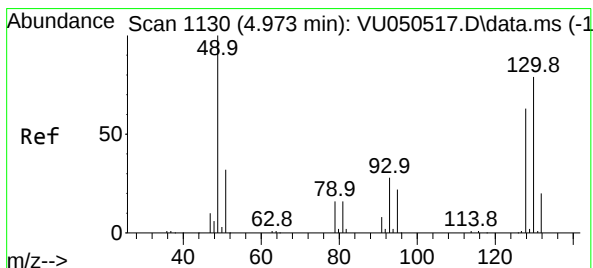
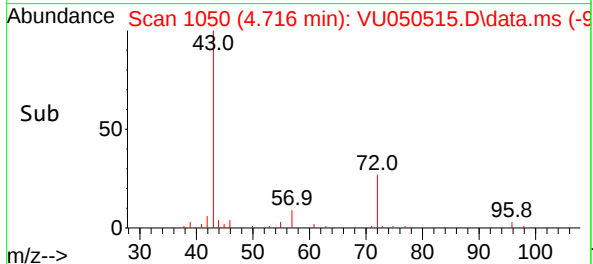
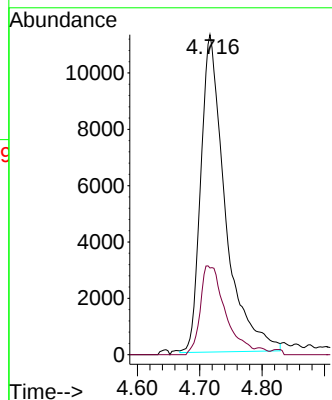
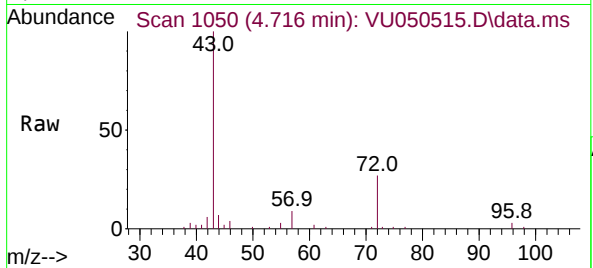




#22
2-Butanone
Concen: 12.099 ug/L
RT: 4.716 min Scan# 1047
Delta R.T. 0.010 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

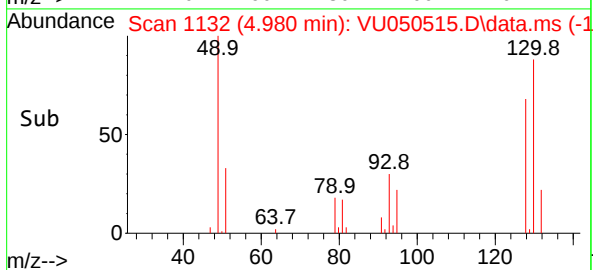
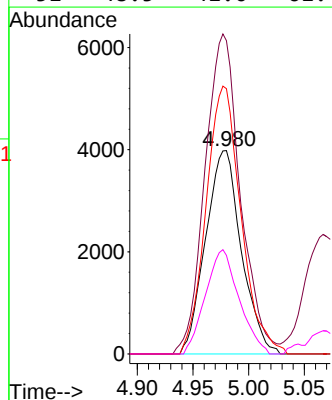
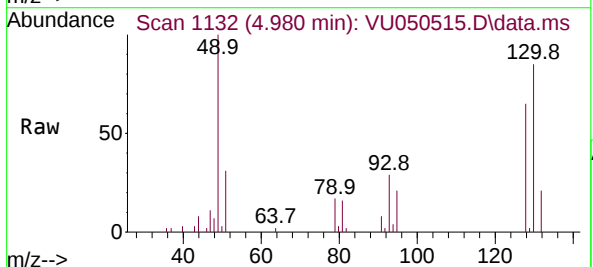
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

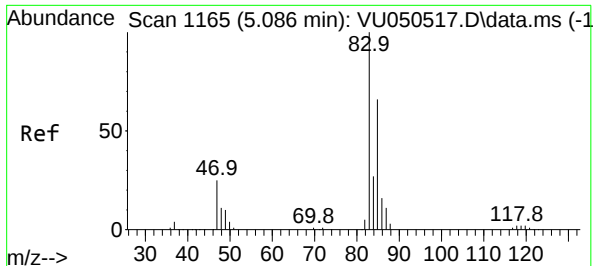
Tgt Ion: 43 Resp: 30669
Ion Ratio Lower Upper
43 100
72 11.7 14.8 44.3#



#23
Bromochloromethane
Concen: 5.810 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.007 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion:128 Resp: 8883
Ion Ratio Lower Upper
128 100
49 154.0 111.9 207.7
130 130.4 87.8 163.0
51 48.5 41.0 61.4





#25

Chloroform

Concen: 5.575 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

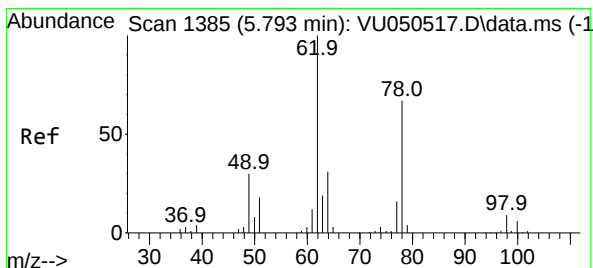
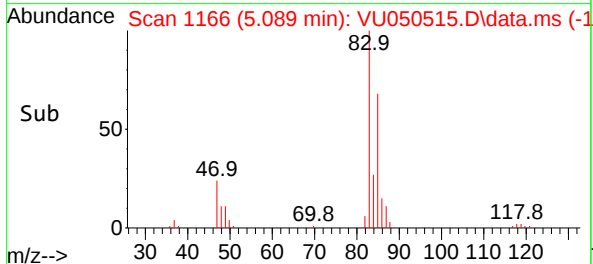
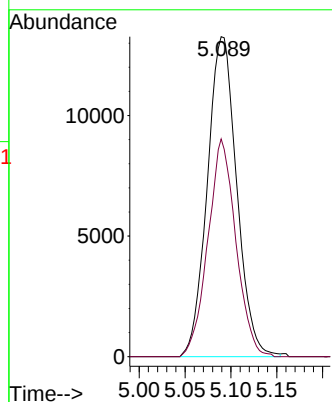
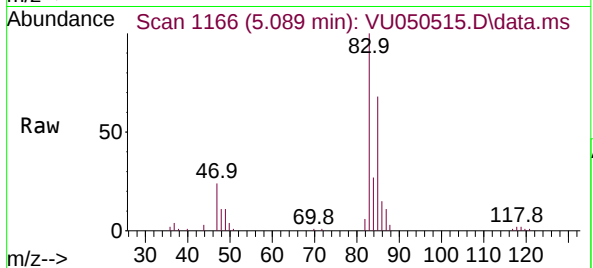
VSTD005013

Tgt Ion: 83 Resp: 29634

Ion Ratio Lower Upper

83 100

85 68.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 5.963 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU050515.D

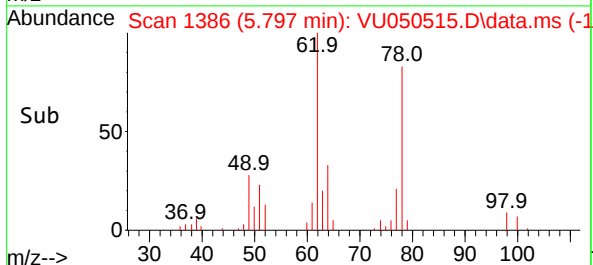
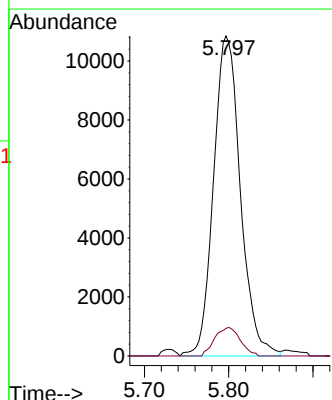
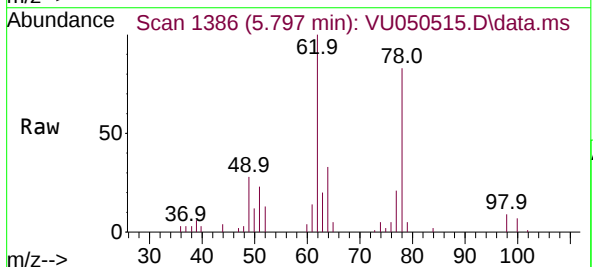
Acq: 30 Aug 2022 14:25

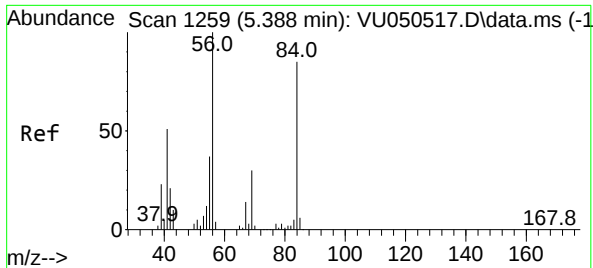
Tgt Ion: 62 Resp: 24001

Ion Ratio Lower Upper

62 100

98 8.6 7.5 11.3





#29

Cyclohexane

Concen: 6.238 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005013

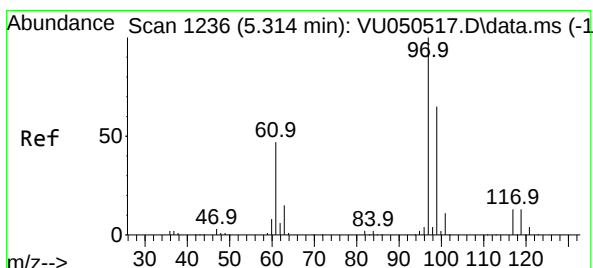
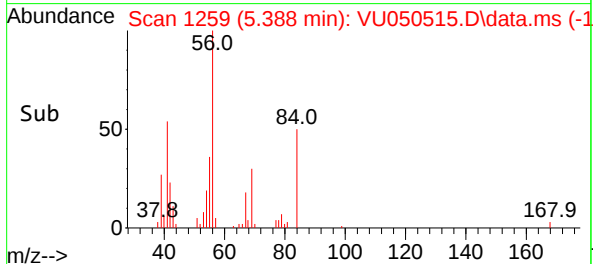
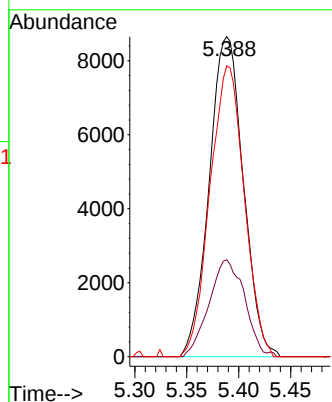
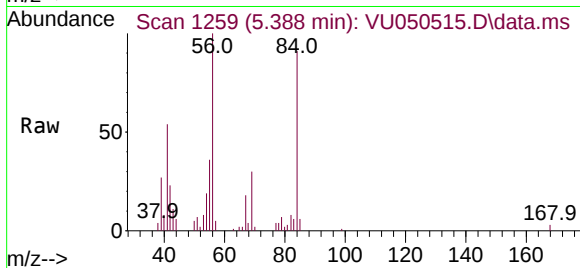
Tgt Ion: 56 Resp: 19741

Ion Ratio Lower Upper

56 100

69 31.4 24.8 37.2

84 91.1 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 5.513 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

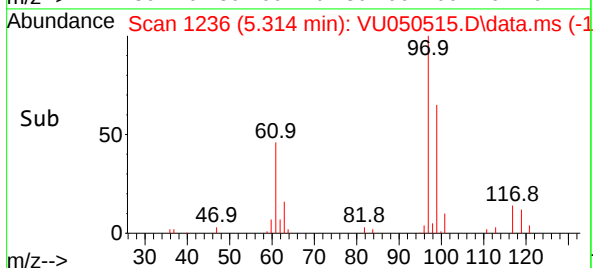
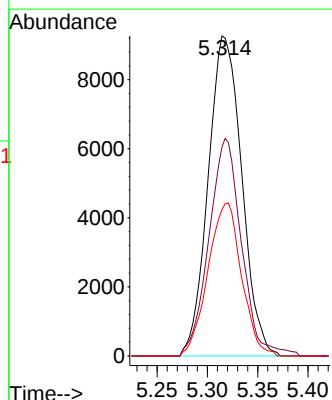
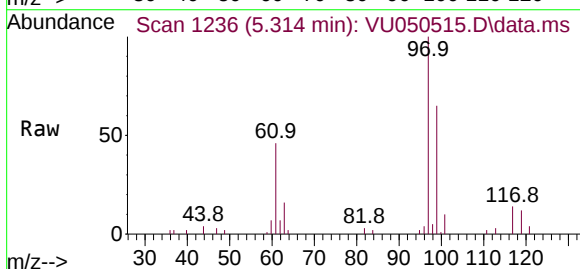
Tgt Ion: 97 Resp: 21542

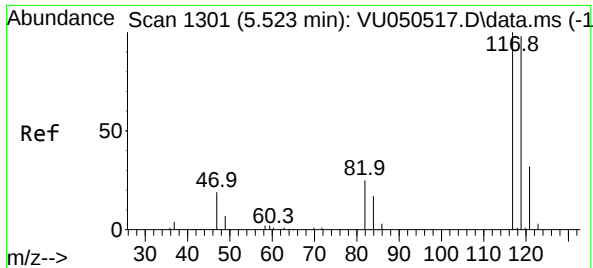
Ion Ratio Lower Upper

97 100

99 65.9 51.5 77.3

61 47.5 36.4 54.6

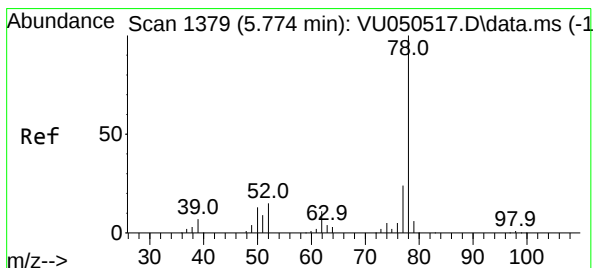
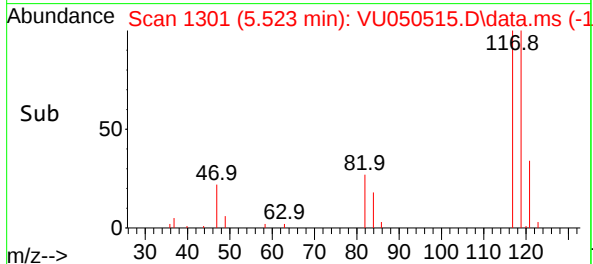
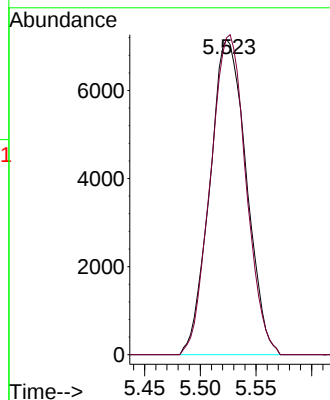
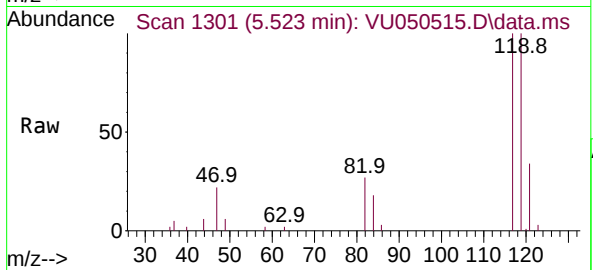




#31
Carbon tetrachloride
Concen: 5.180 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

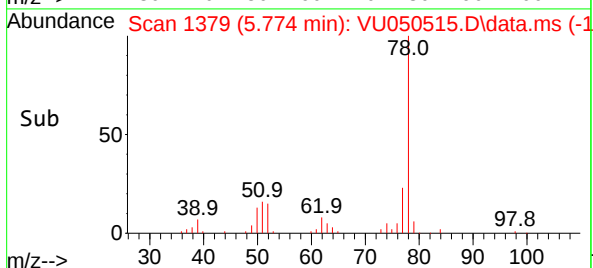
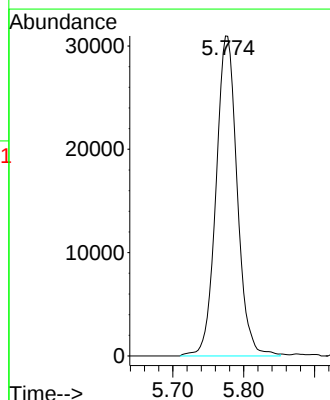
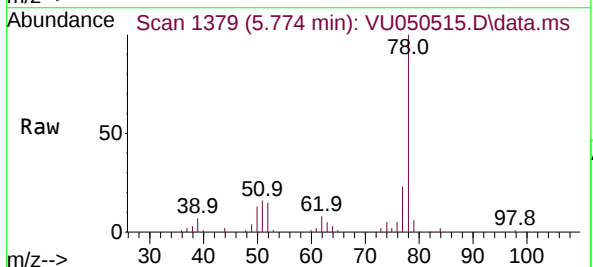
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

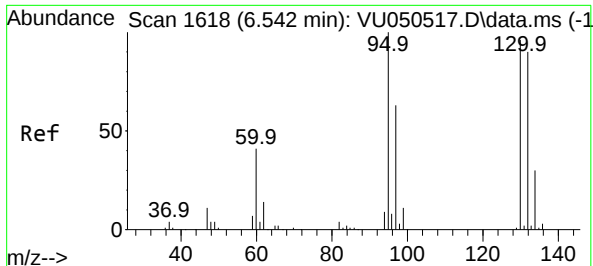
Tgt Ion:117 Resp: 16322
Ion Ratio Lower Upper
117 100
119 98.5 78.8 118.2



#33
Benzene
Concen: 6.069 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion: 78 Resp: 64198

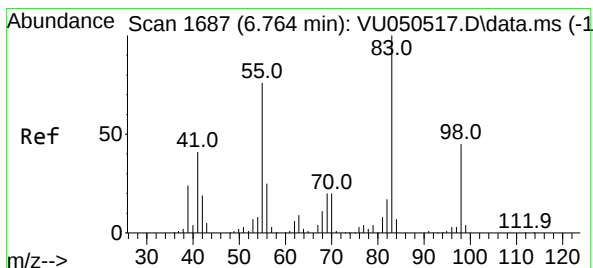
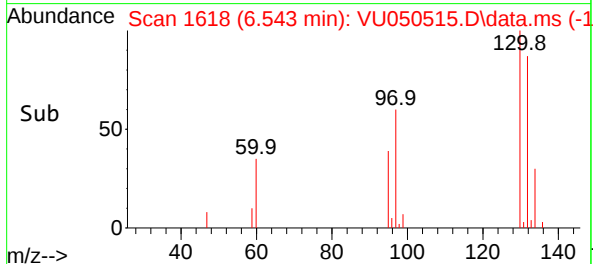
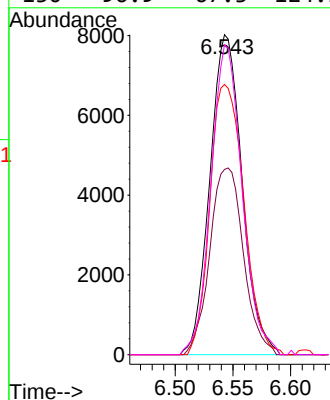
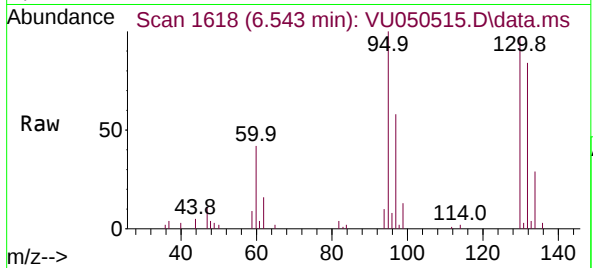




#34
Trichloroethene
Concen: 6.267 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

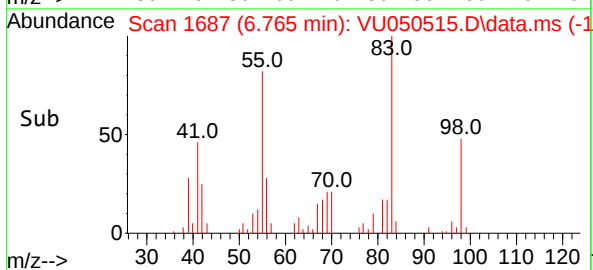
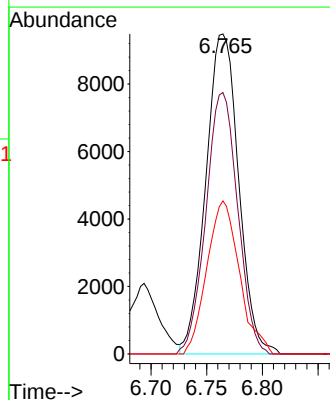
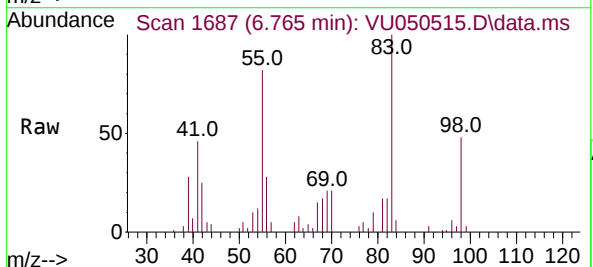
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

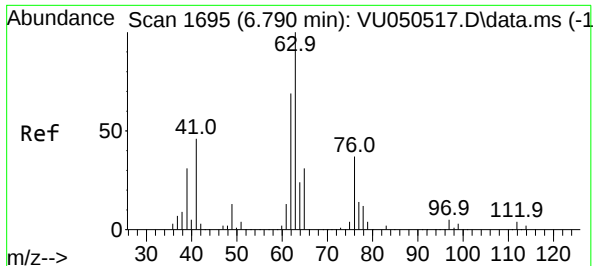
Tgt Ion: 95	Resp: 15546
Ion Ratio	Lower Upper
95 100	
97 57.9	44.2 82.2
132 84.4	63.2 117.4
130 96.9	67.3 124.9



#35
Methylcyclohexane
Concen: 5.725 ug/L
RT: 6.765 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion: 83	Resp: 19412
Ion Ratio	Lower Upper
83 100	
55 79.2	61.0 91.4
98 47.4	35.7 53.5





#37

1,2-Dichloropropane

Concen: 5.865 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

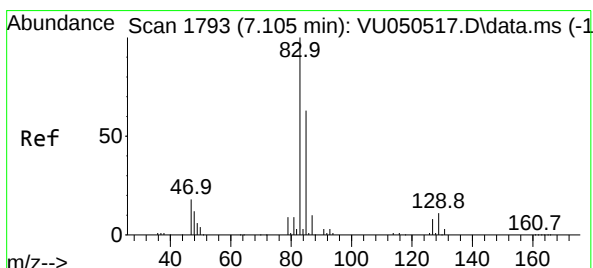
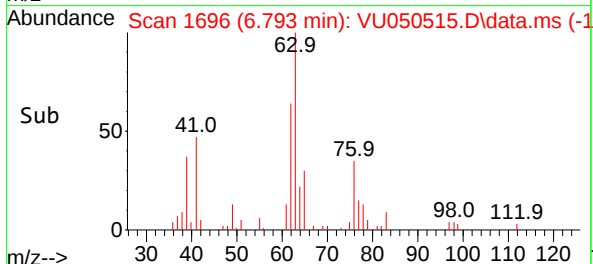
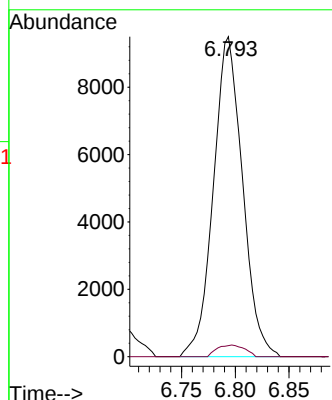
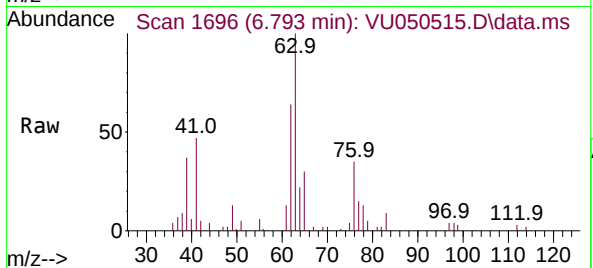
VSTD005013

Tgt Ion: 63 Resp: 17915

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 5.124 ug/L

RT: 7.109 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

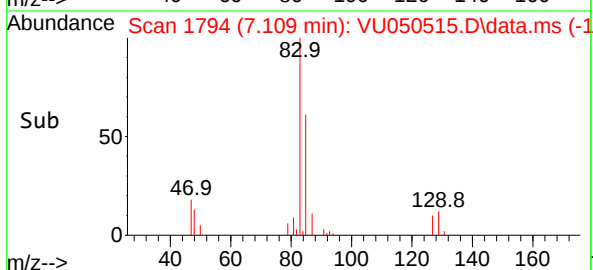
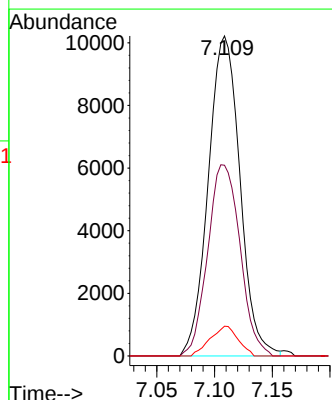
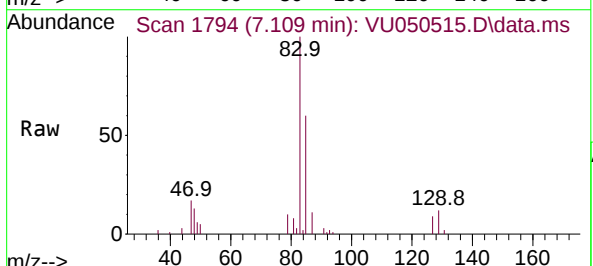
Tgt Ion: 83 Resp: 19536

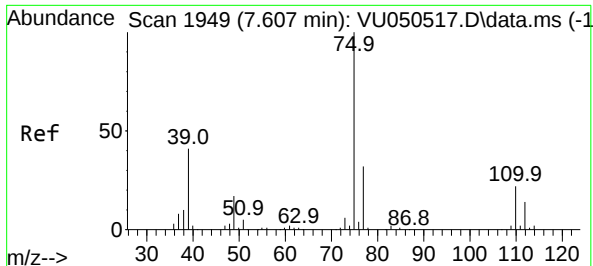
Ion Ratio Lower Upper

83 100

85 59.6 44.4 82.4

127 9.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.238 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

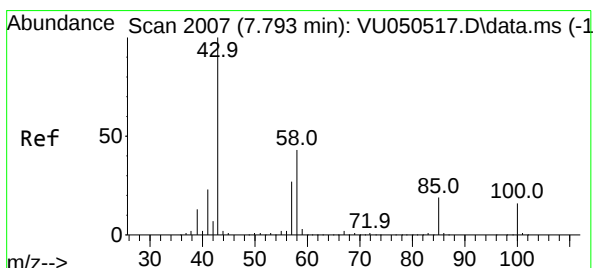
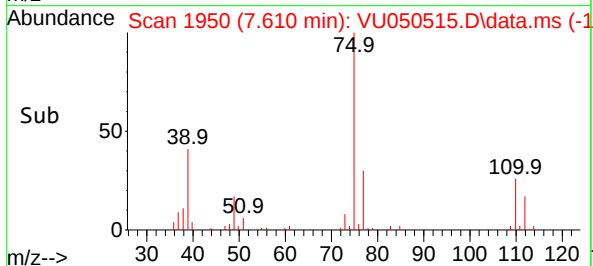
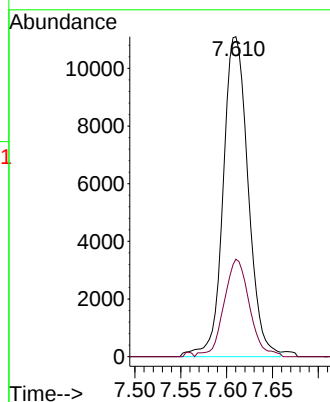
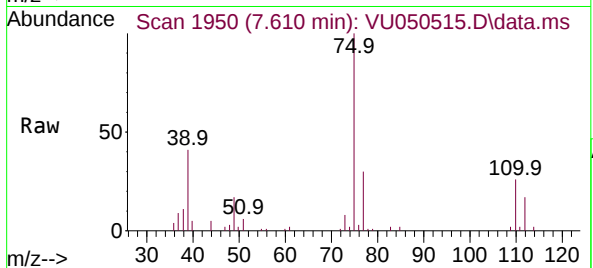
VSTD005013

Tgt Ion: 75 Resp: 21005

Ion Ratio Lower Upper

75 100

77 30.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 11.872 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

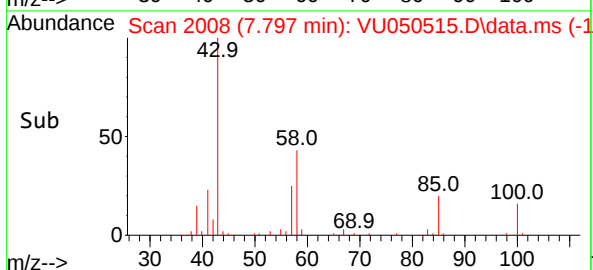
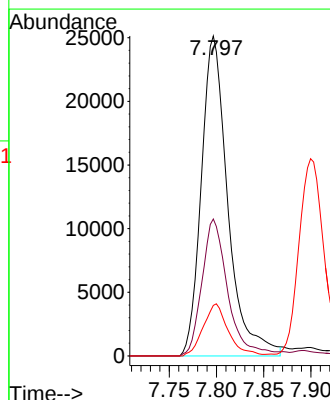
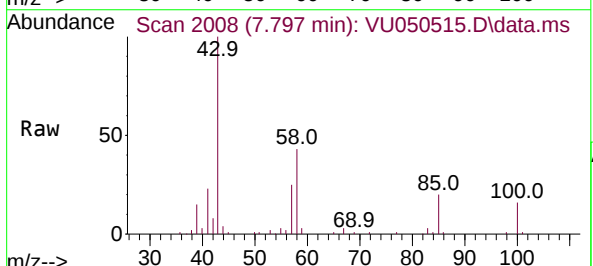
Tgt Ion: 43 Resp: 49054

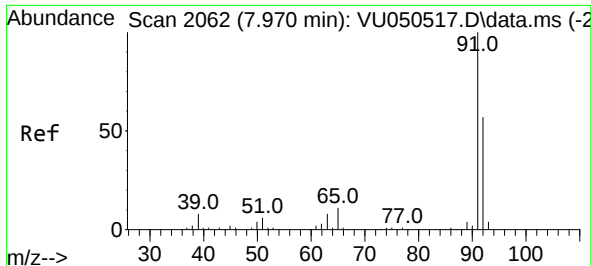
Ion Ratio Lower Upper

43 100

58 41.5 34.2 51.4

100 15.5 12.9 19.3





#42

Toluene

Concen: 5.770 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

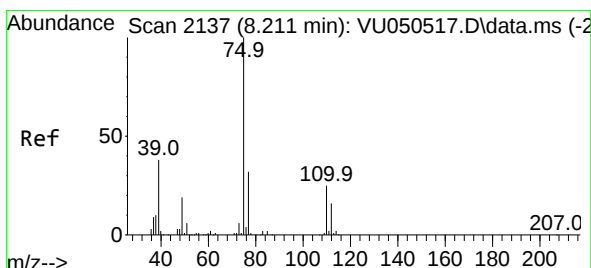
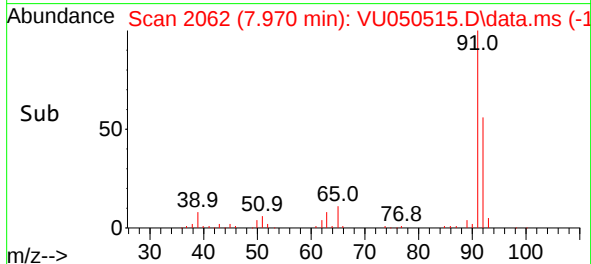
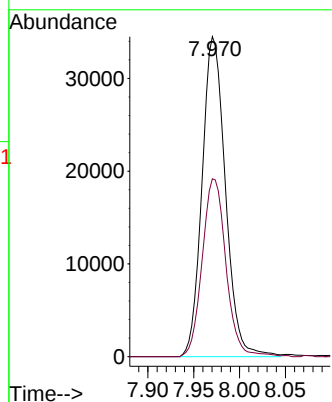
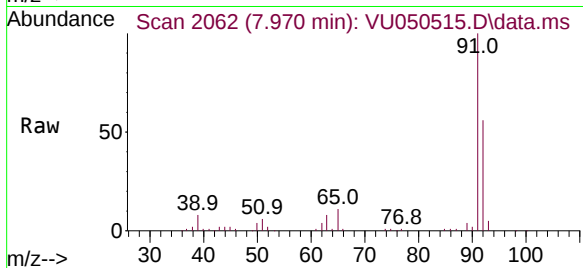
VSTD005013

Tgt Ion: 91 Resp: 61173

Ion Ratio Lower Upper

91 100

92 55.6 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.942 ug/L

RT: 8.215 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU050515.D

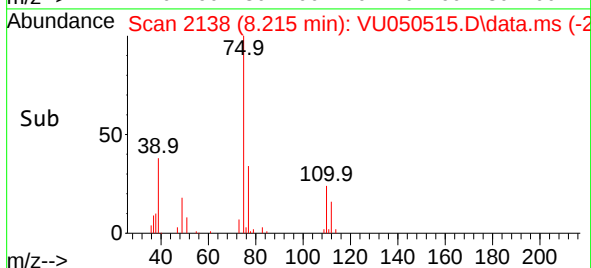
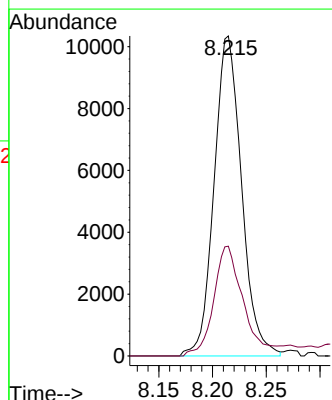
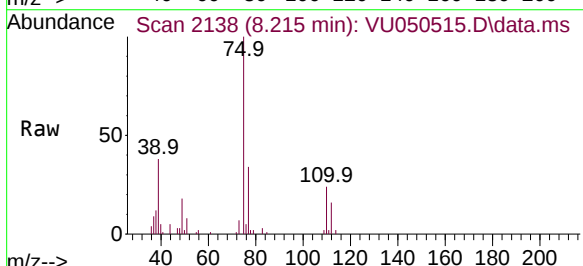
Acq: 30 Aug 2022 14:25

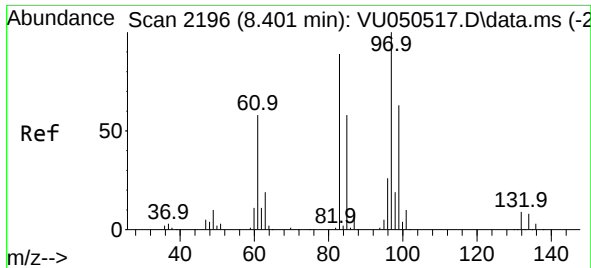
Tgt Ion: 75 Resp: 18392

Ion Ratio Lower Upper

75 100

77 34.3 22.2 41.2

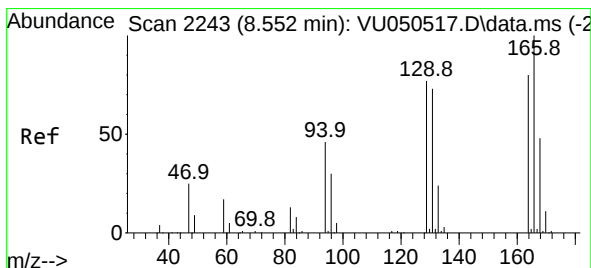
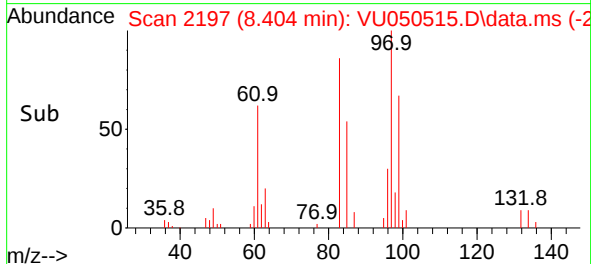
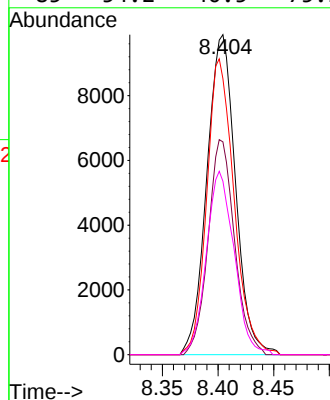
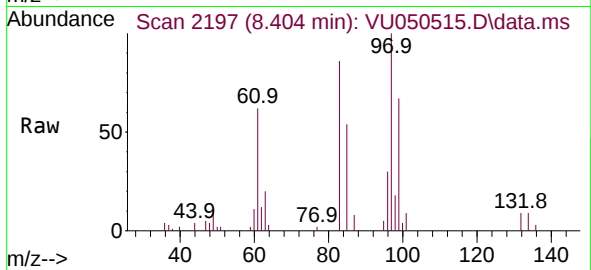




#45
1,1,2-Trichloroethane
Concen: 5.902 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

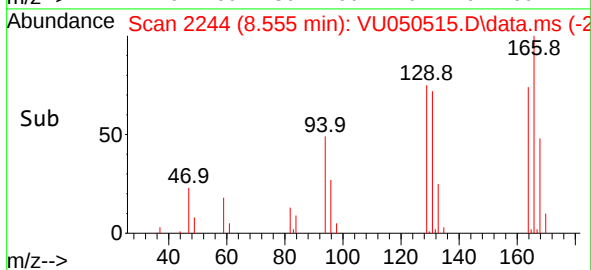
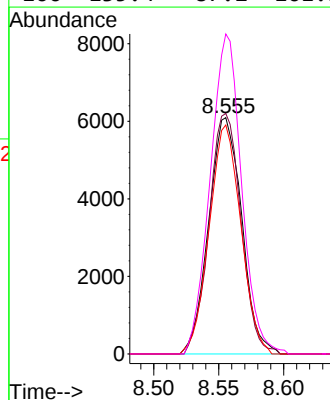
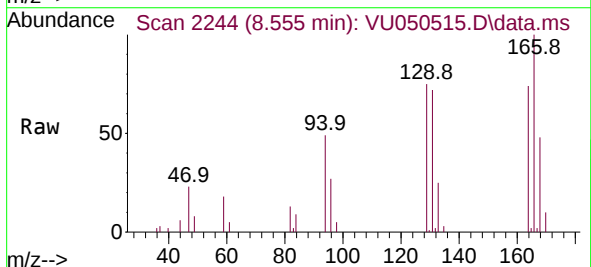
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

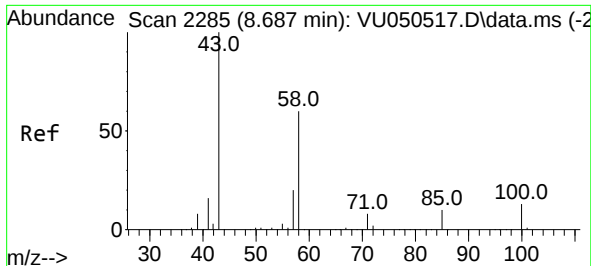
Tgt Ion:	97	Resp:	17707
Ion	Ratio	Lower	Upper
97	100		
99	66.5	44.3	82.3
83	86.2	62.1	115.3
85	54.2	40.5	75.1



#46
Tetrachloroethene
Concen: 5.976 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion:	164	Resp:	10773
Ion	Ratio	Lower	Upper
164	100		
129	103.5	67.5	125.3
131	96.9	63.8	118.4
166	135.4	87.2	161.9

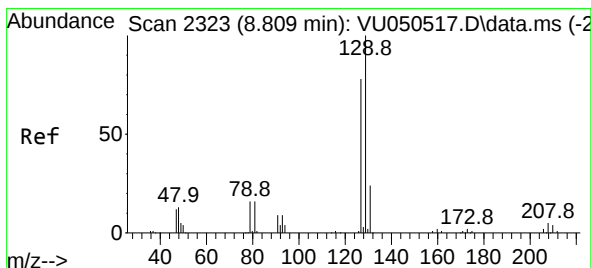
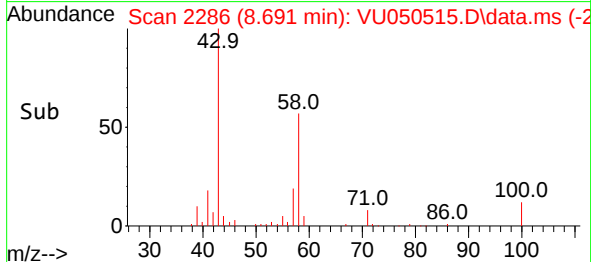
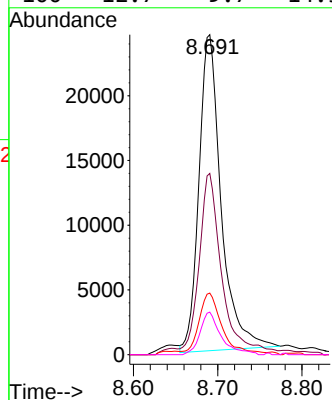
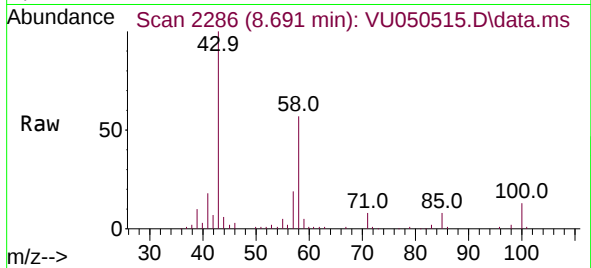




#48
2-Hexanone
Concen: 12.996 ug/L
RT: 8.691 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

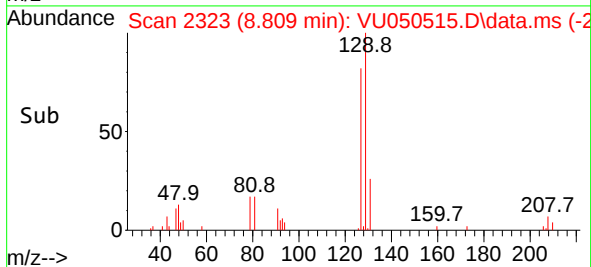
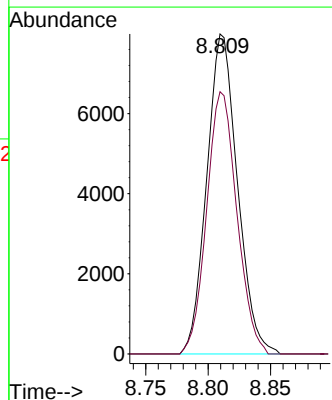
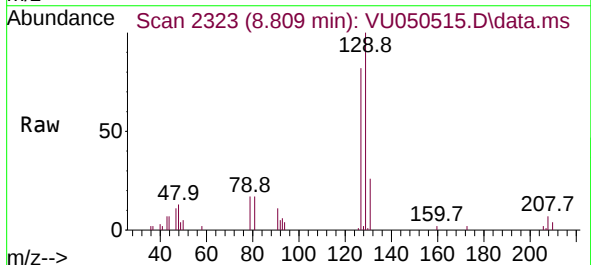
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

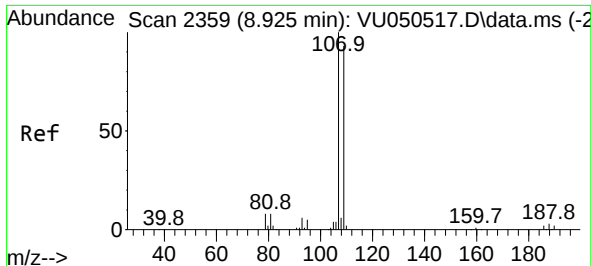
Tgt Ion:	43	Resp:	44879
Ion	Ratio	Lower	Upper
43	100		
58	53.0	46.6	69.8
57	20.3	15.8	23.6
100	12.7	9.7	14.5



#49
Dibromochloromethane
Concen: 4.549 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion:	129	Resp:	13704
Ion	Ratio	Lower	Upper
129	100		
127	81.9	54.9	101.9

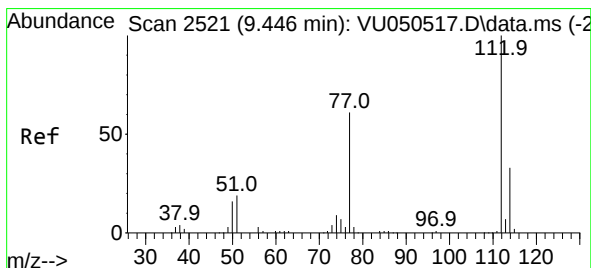
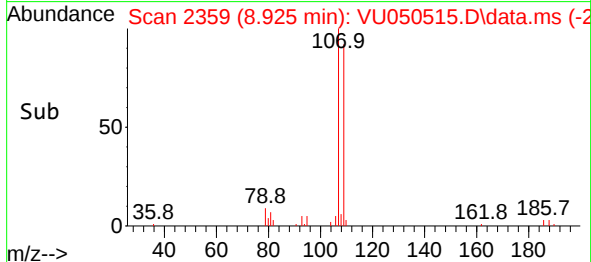
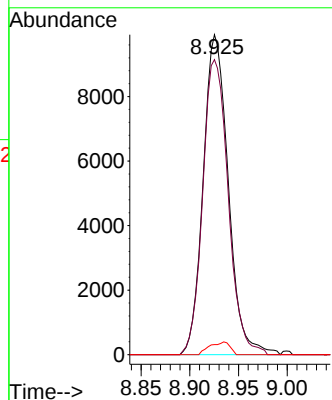
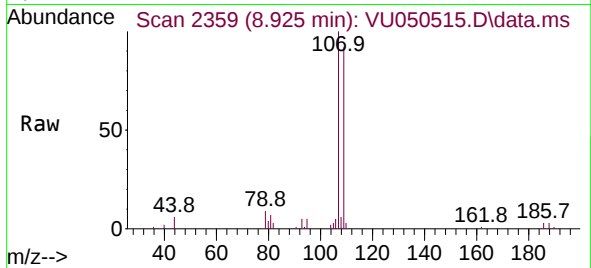




#50
1,2-Dibromoethane
Concen: 5.879 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

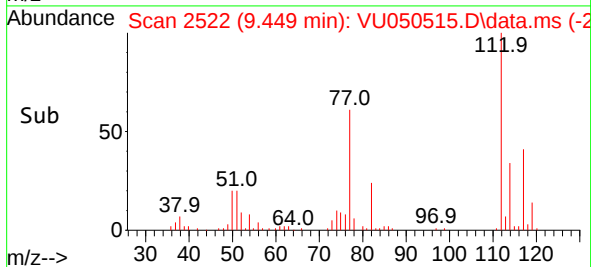
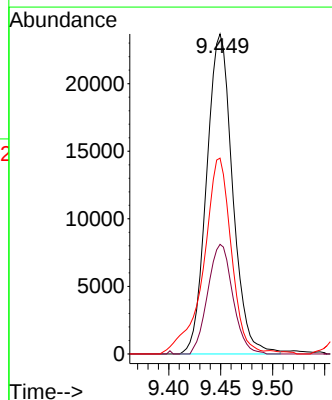
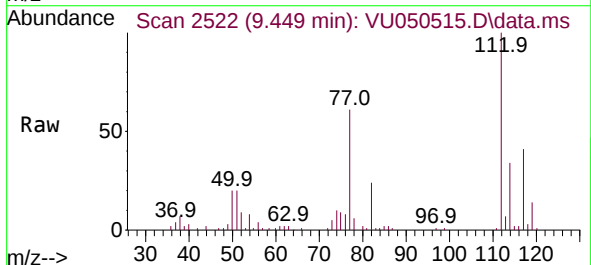
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

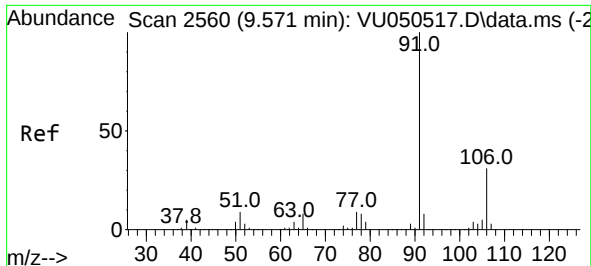
Tgt Ion:107 Resp: 17784
Ion Ratio Lower Upper
107 100
109 92.2 65.2 121.0
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 5.952 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion:112 Resp: 41185
Ion Ratio Lower Upper
112 100
114 34.3 23.0 42.6
77 61.2 49.4 74.2

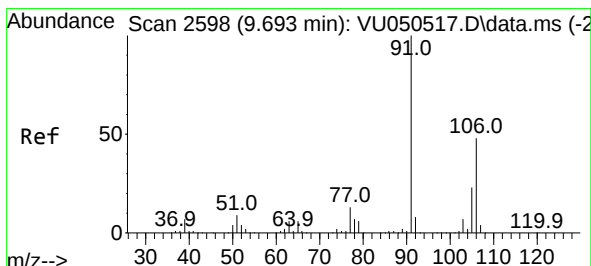
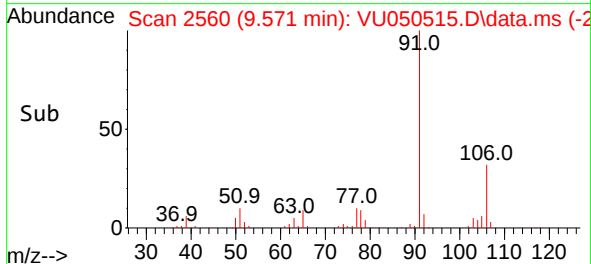
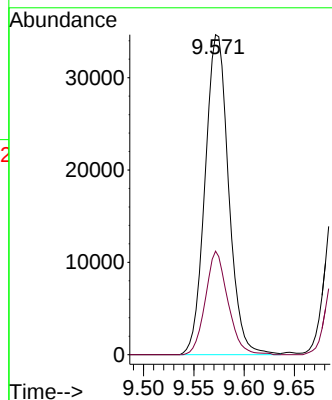
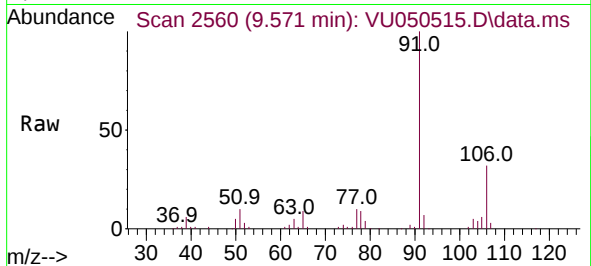




#52
Ethylbenzene
Concen: 5.325 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

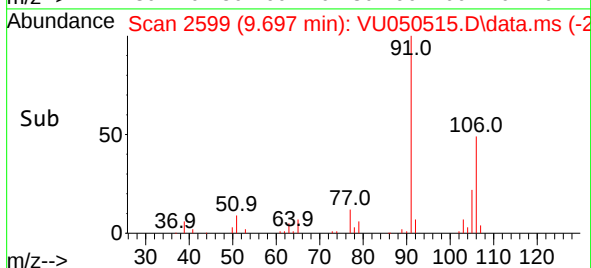
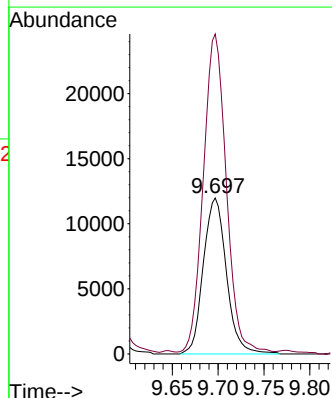
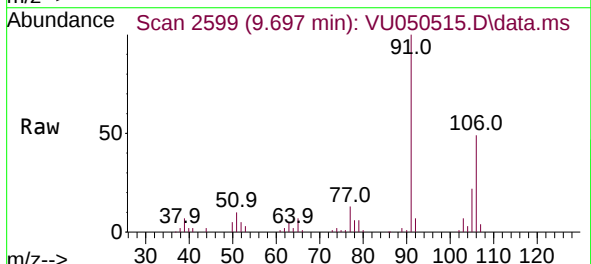
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

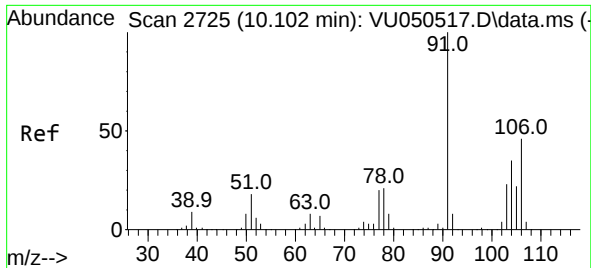
Tgt Ion: 91 Resp: 56562
Ion Ratio Lower Upper
91 100
106 34.9 21.5 39.9



#53
m,p-Xylene
Concen: 5.296 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion: 106 Resp: 21014
Ion Ratio Lower Upper
106 100
91 205.1 145.1 269.5

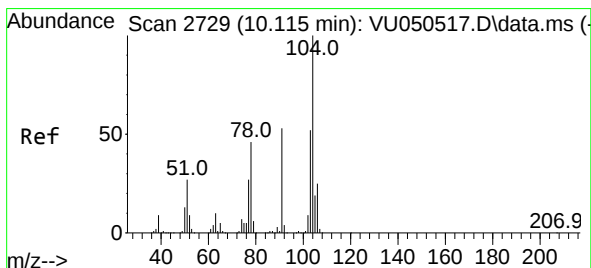
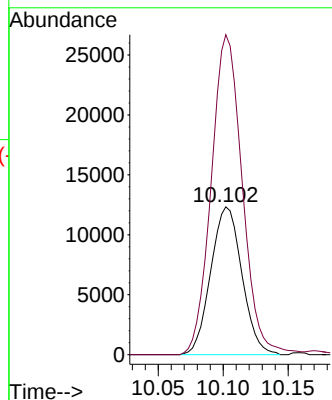
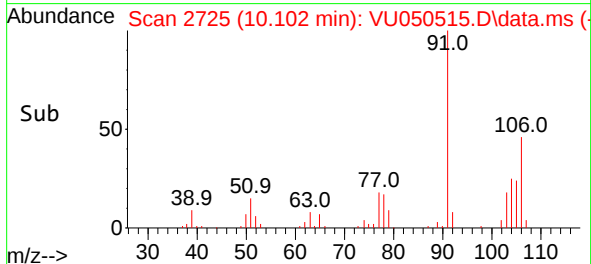
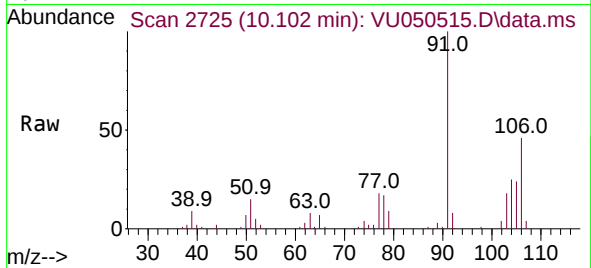




#54
o-Xylene
Concen: 5.176 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

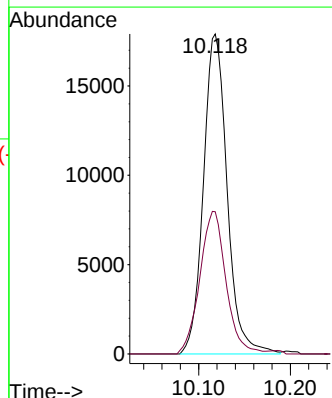
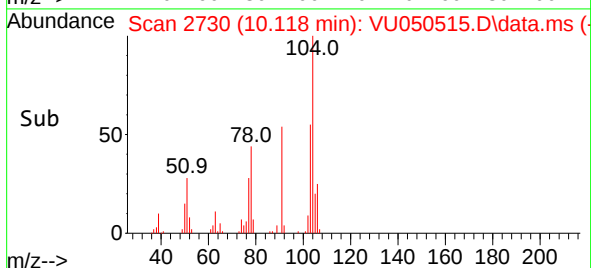
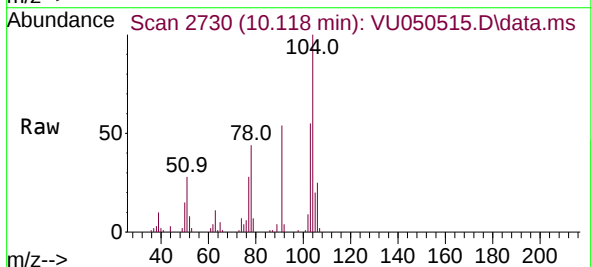
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

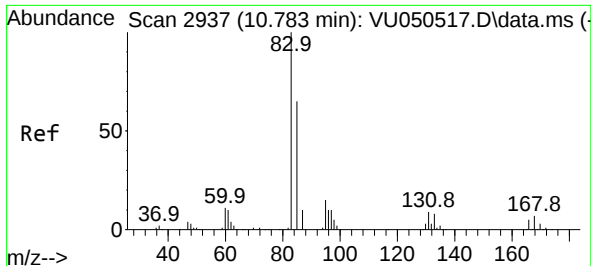
Tgt Ion:106 Resp: 20583
Ion Ratio Lower Upper
106 100
91 216.5 152.0 282.2



#55
Styrene
Concen: 4.802 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion:104 Resp: 32221
Ion Ratio Lower Upper
104 100
78 44.5 32.0 59.4

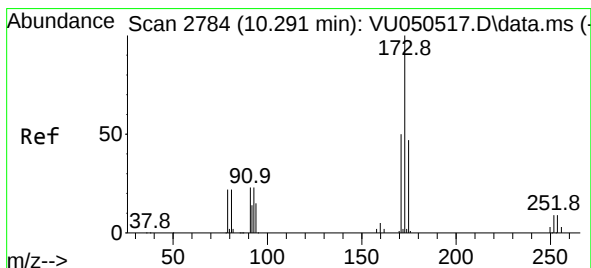
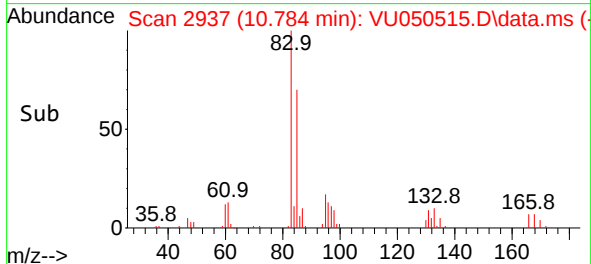
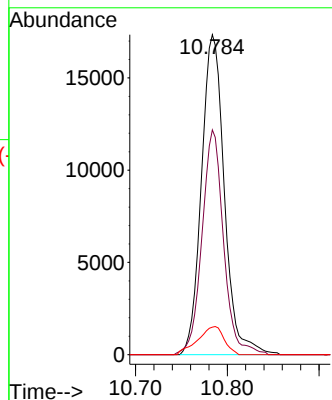
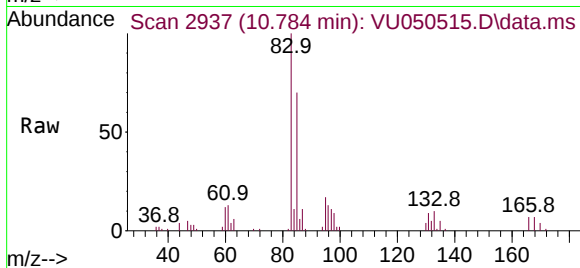




#57
1,1,2,2-Tetrachloroethane
Concen: 5.532 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

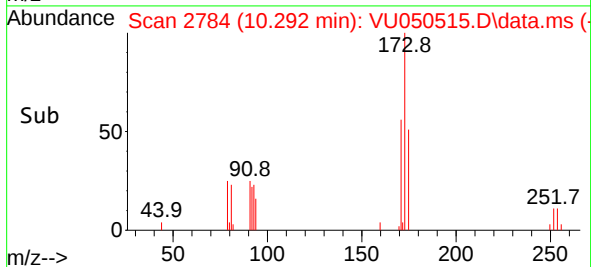
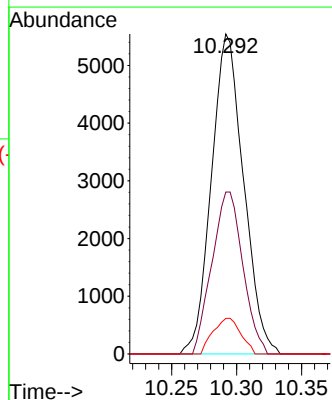
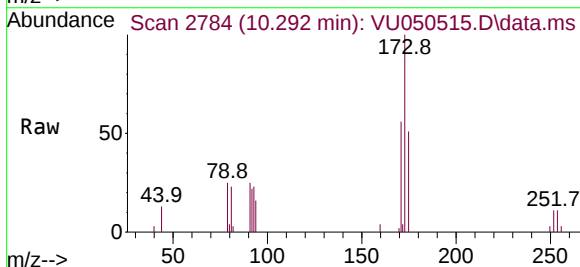
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

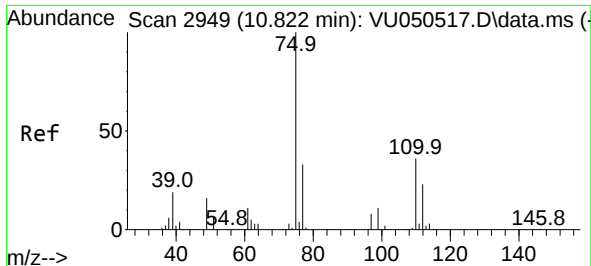
Tgt Ion: 83 Resp: 30110
Ion Ratio Lower Upper
83 100
85 70.2 45.3 84.1
131 8.6 7.2 10.8



#59
Bromoform
Concen: 4.879 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion: 173 Resp: 9523
Ion Ratio Lower Upper
173 100
175 48.6 37.8 56.8
254 9.6 7.7 11.5

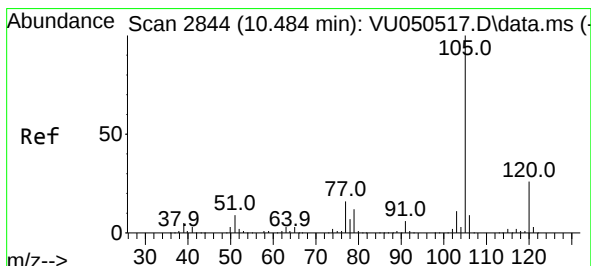
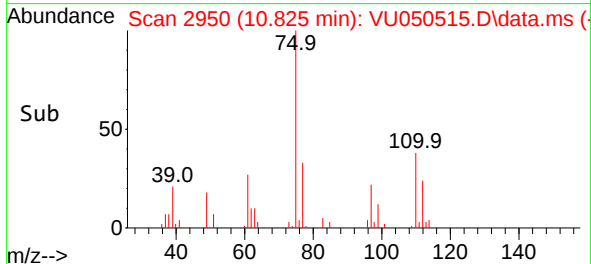
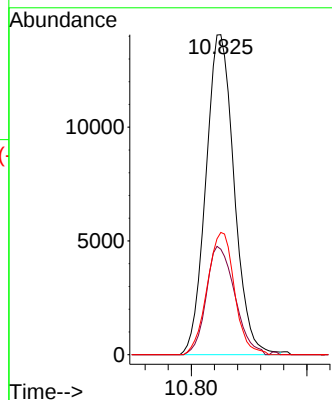
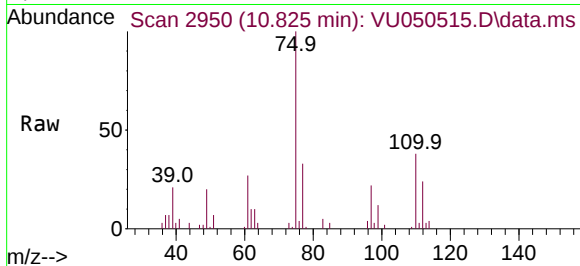




#60
1,2,3-Trichloropropane
Concen: 6.556 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

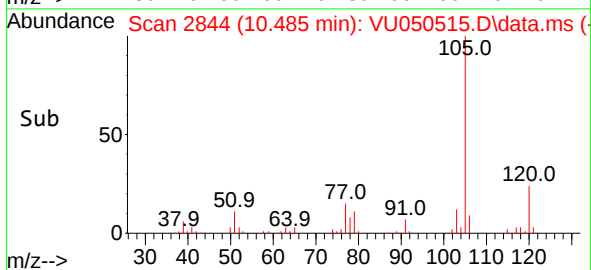
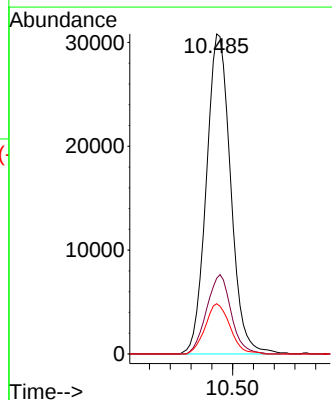
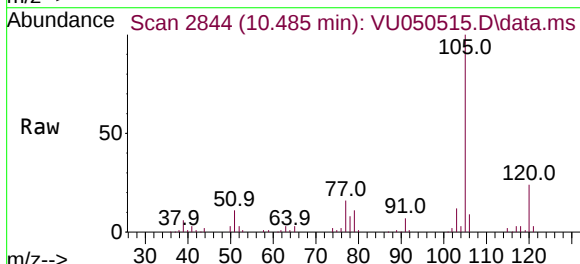
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

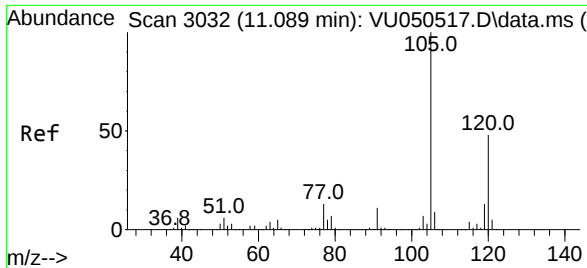
Tgt Ion: 75	Resp:	23940
Ion Ratio	Lower	Upper
75	100	
77	34.1	26.2 39.4
110	36.8	29.0 43.6



#61
Isopropylbenzene
Concen: 5.754 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion: 105	Resp:	49960
Ion Ratio	Lower	Upper
105	100	
120	25.0	20.6 31.0
77	16.0	12.6 19.0

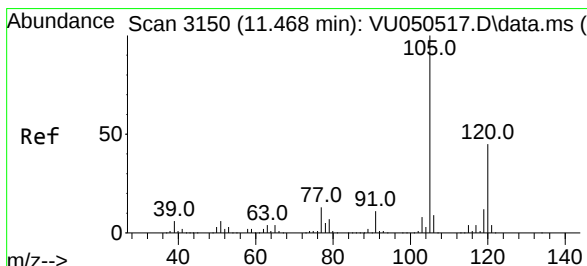
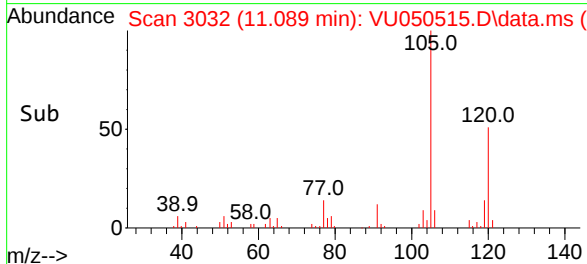
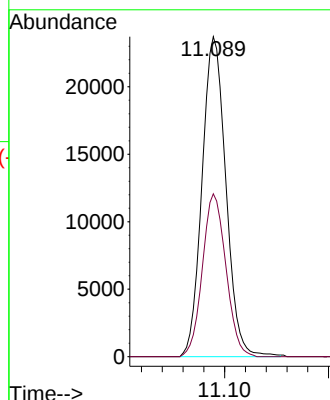
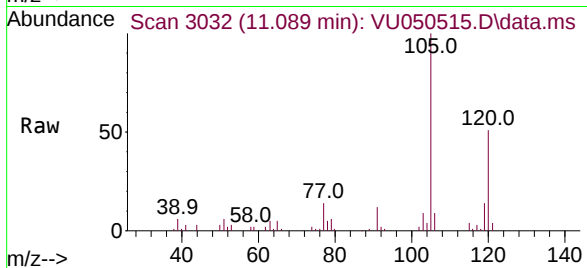




#62
1,3,5-Trimethylbenzene
Concen: 5.348 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

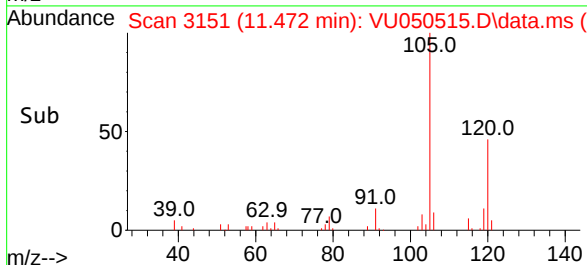
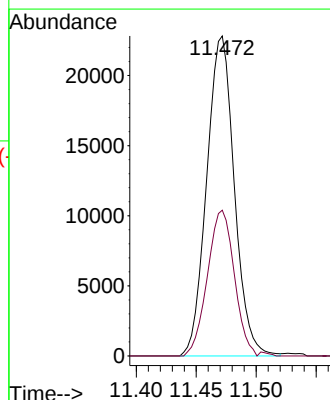
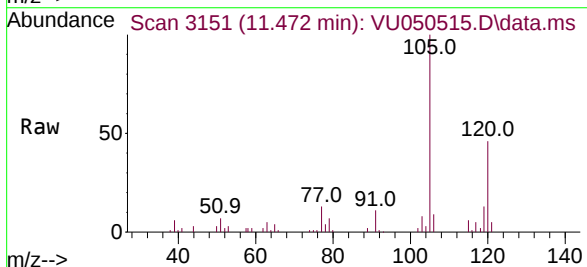
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

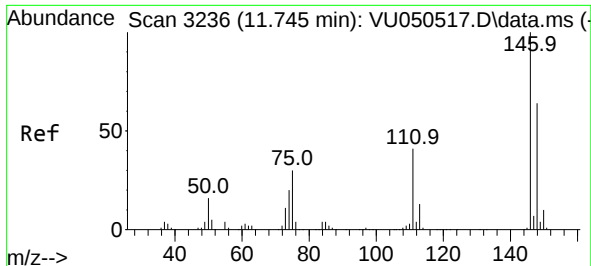
Tgt Ion:105 Resp: 37765
Ion Ratio Lower Upper
105 100
120 50.1 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 5.322 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion:105 Resp: 36595
Ion Ratio Lower Upper
105 100
120 44.2 35.6 53.4

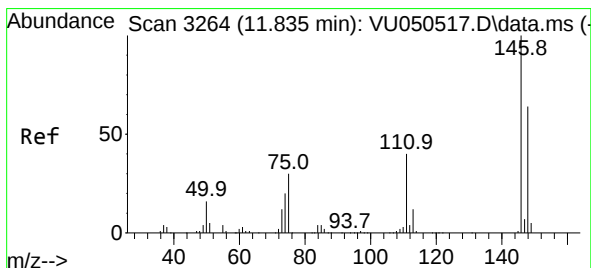
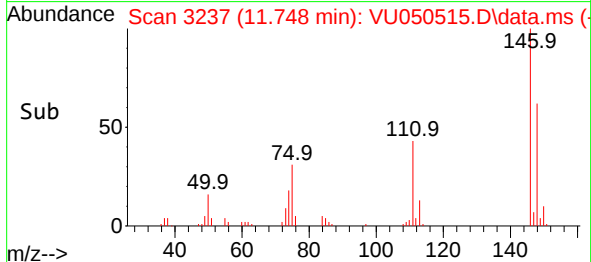
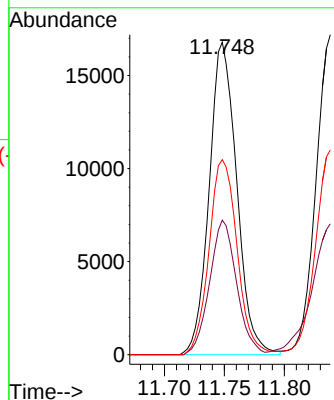
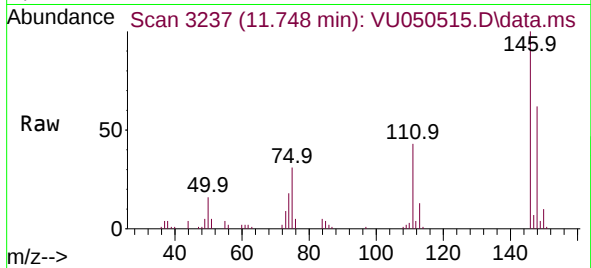




#64
1,3-Dichlorobenzene
Concen: 6.354 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

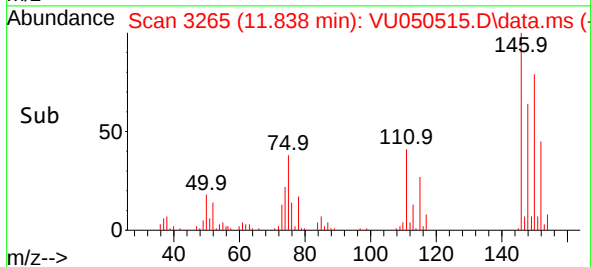
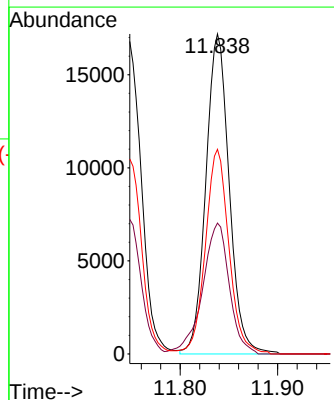
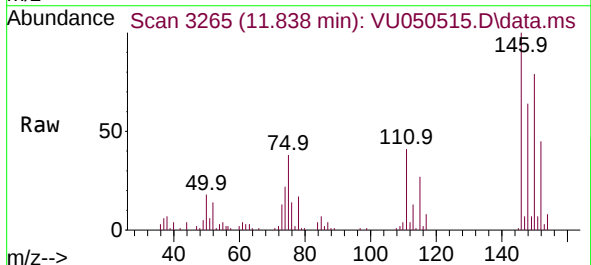
Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

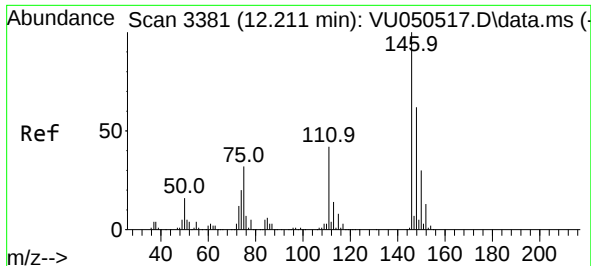
Tgt Ion:146 Resp: 26808
Ion Ratio Lower Upper
146 100
111 47.4 28.4 52.8
148 62.5 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 6.763 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion:146 Resp: 28619
Ion Ratio Lower Upper
146 100
111 40.9 28.2 52.4
148 64.0 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 6.591 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005013

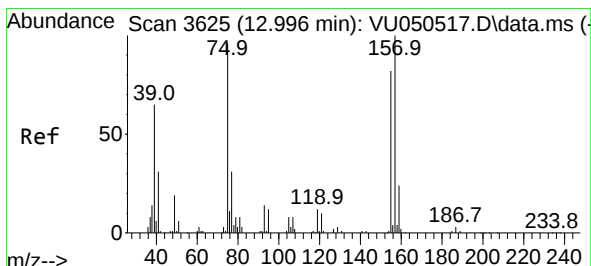
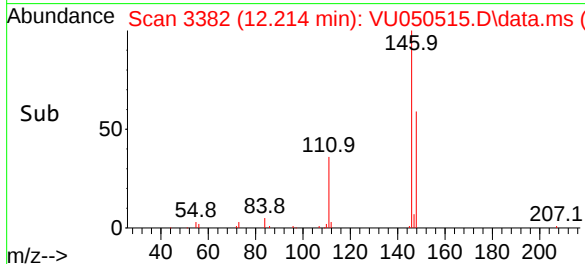
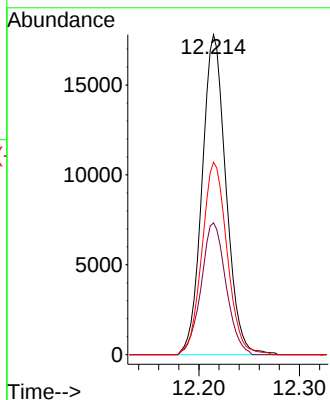
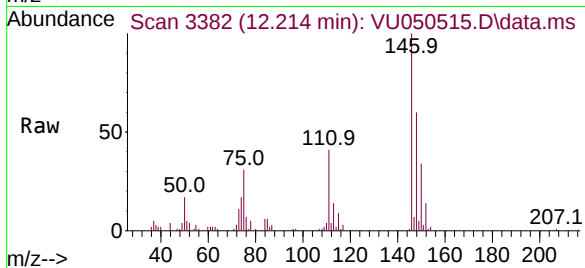
Tgt Ion:146 Resp: 29408

Ion Ratio Lower Upper

146 100

111 41.2 33.4 50.2

148 60.1 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.570 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU050515.D

Acq: 30 Aug 2022 14:25

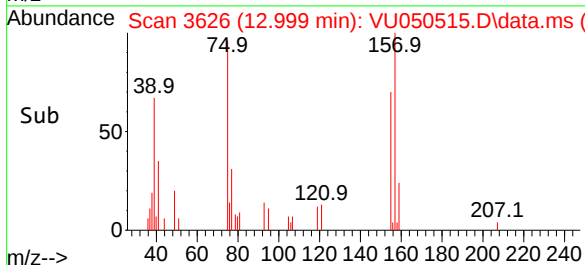
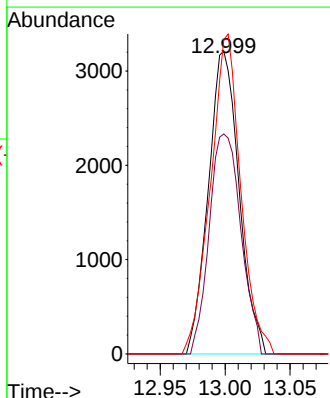
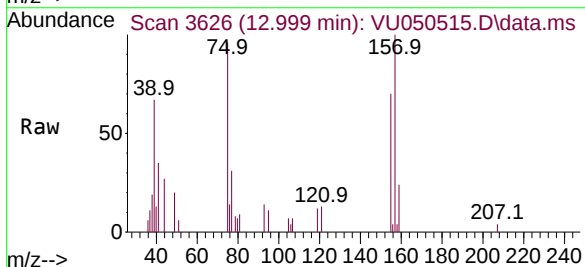
Tgt Ion: 75 Resp: 5275

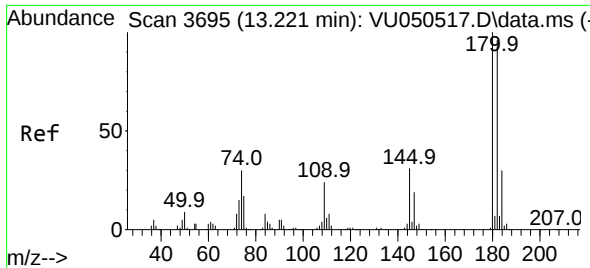
Ion Ratio Lower Upper

75 100

155 77.2 71.4 107.2

157 103.8 83.2 124.8

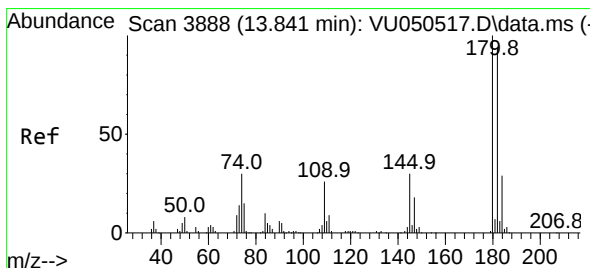
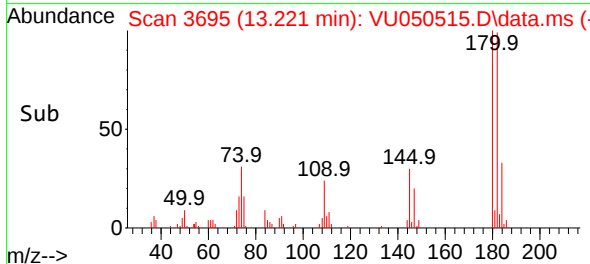
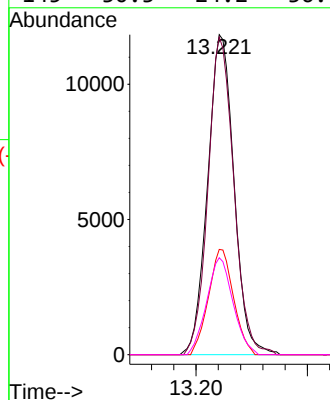
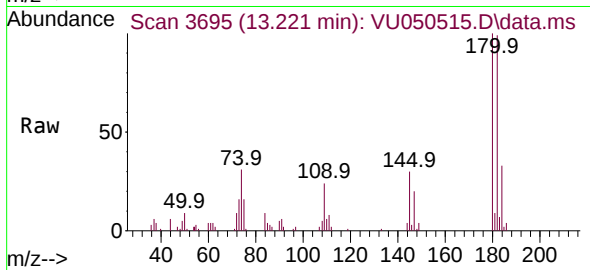




#69
 1,3,5-Trichlorobenzene
 Concen: 6.747 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU050515.D
 Acq: 30 Aug 2022 14:25

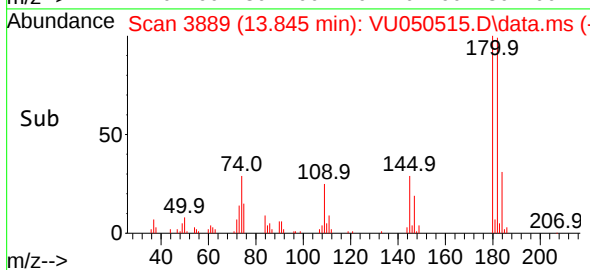
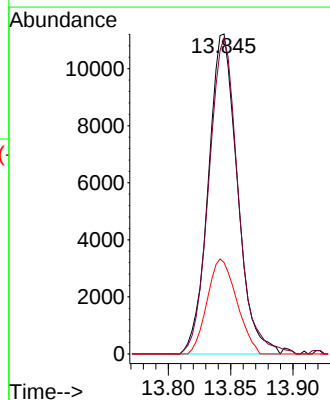
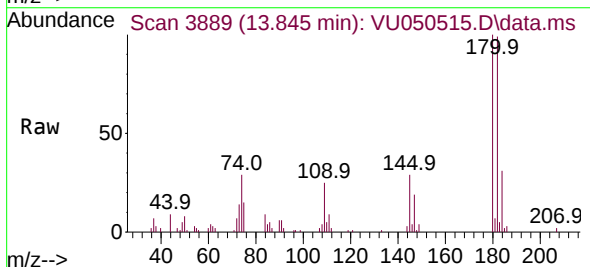
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005013

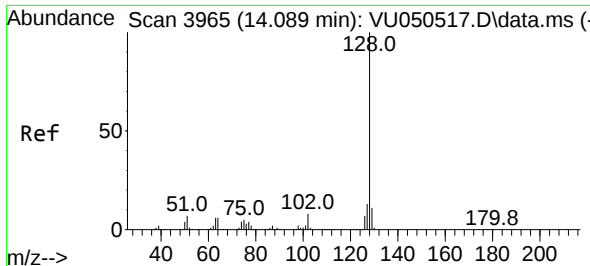
Tgt Ion:	180	Resp:	19447
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.3	114.5
184	31.3	24.4	36.6
145	30.3	24.2	36.4



#70
 1,2,4-trichlorobenzene
 Concen: 7.858 ug/L
 RT: 13.845 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU050515.D
 Acq: 30 Aug 2022 14:25

Tgt Ion:	180	Resp:	18211
Ion Ratio	Lower	Upper	
180	100		
182	99.0	76.6	115.0
145	30.0	24.2	36.4

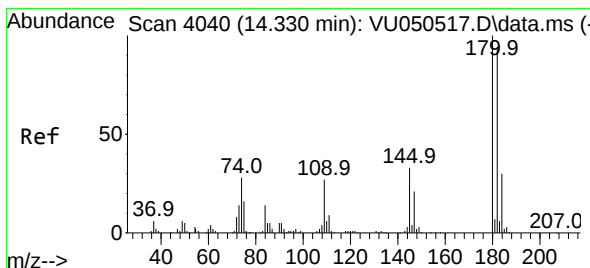
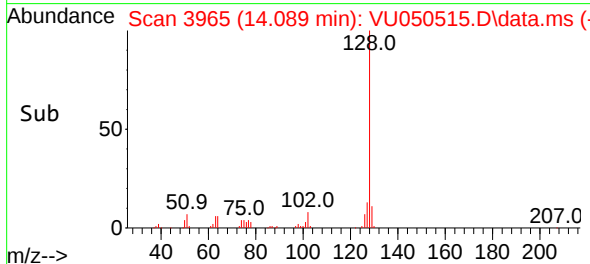
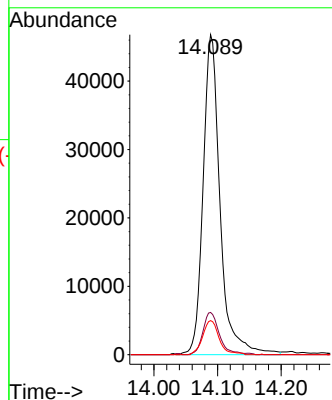
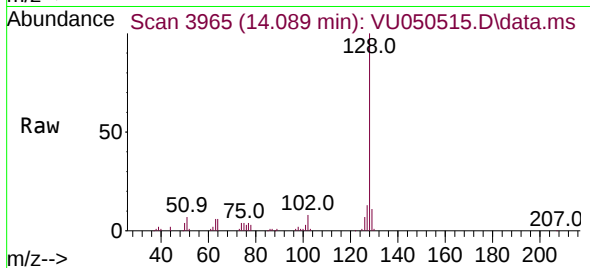




#71
Naphthalene
Concen: 11.041 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD005013

Tgt Ion:128 Resp: 86799
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.3 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 8.833 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050515.D
Acq: 30 Aug 2022 14:25

Tgt Ion:180 Resp: 22579
Ion Ratio Lower Upper
180 100
182 96.1 76.0 114.0
145 32.3 26.2 39.2

