

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048994.D
 Acq On : 10 Jun 2022 13:31
 Operator : SY/MD
 Sample : VSTD05076
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050076

Quant Time: Jun 10 22:27:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	345196	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	327452	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	171085	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	105798	49.396	ug/L	0.00
7) Chloroethane-d5	1.900	69	75707	47.961	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	196222	42.357	ug/L	0.00
21) 2-Butanone-d5	4.623	46	233664	113.477	ug/L	0.00
24) Chloroform-d	5.063	84	229367	44.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	146997	40.694	ug/L	0.00
32) Benzene-d6	5.726	84	418677	46.737	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	142637	52.576	ug/L	0.00
41) Toluene-d8	7.896	98	364466	44.026	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	63585	39.062	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	145202	100.518	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	224727	50.351	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	148255	43.240	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	144912	41.026	ug/L	100
3) Chloromethane	1.520	50	143081	58.872	ug/L	100
5) Vinyl chloride	1.604	62	143594	56.815	ug/L	100
6) Bromomethane	1.842	94	74597	43.707	ug/L	100
8) Chloroethane	1.919	64	78611	53.821	ug/L	100
9) Trichlorofluoromethane	2.131	101	201685	43.974	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	113223	47.695	ug/L	100
12) 1,1-Dichloroethene	2.575	96	102560	46.628	ug/L	100
13) Acetone	2.629	43	167438	103.097	ug/L	100
14) Carbon disulfide	2.787	76	249702	39.991	ug/L	100
15) Methyl Acetate	2.948	43	174881	59.928	ug/L	100
16) Methylene chloride	3.041	84	128045	49.041	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	111155	46.663	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	422325	50.529	ug/L	100
19) 1,1-Dichloroethane	3.867	63	240970	53.769	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	135124	49.802	ug/L	100
22) 2-Butanone	4.703	43	274914	125.897	ug/L	100
23) Bromochloromethane	4.973	128	71387	47.806	ug/L	100
25) Chloroform	5.089	83	254209	49.515	ug/L	100
27) 1,2-Dichloroethane	5.793	62	199179	46.089	ug/L	100
29) Cyclohexane	5.388	56	180026	53.530	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	221240	46.070	ug/L	100
31) Carbon tetrachloride	5.523	117	191953	44.335	ug/L	100
33) Benzene	5.774	78	519337	53.940	ug/L	100
34) Trichloroethene	6.542	95	128613	48.439	ug/L	100
35) Methylcyclohexane	6.761	83	185798	48.938	ug/L	100
37) 1,2-Dichloropropane	6.790	63	144497	58.609	ug/L	100
38) Bromodichloromethane	7.105	83	191945	50.326	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	212118	52.252	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	492712	128.028	ug/L	100
42) Toluene	7.970	91	530275	51.452	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	208413	49.563	ug/L	100

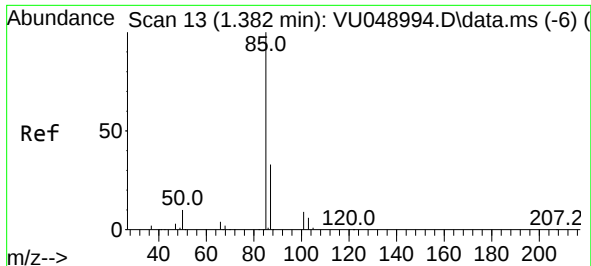
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048994.D
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Quant Time: Jun 10 22:27:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	138272	53.770	ug/L	100
46) Tetrachloroethene	8.552	164	95962	45.358	ug/L	100
48) 2-Hexanone	8.684	43	389032	120.342	ug/L	100
49) Dibromochloromethane	8.809	129	154066	48.006	ug/L	100
50) 1,2-Dibromoethane	8.922	107	143929	49.347	ug/L	100
51) Chlorobenzene	9.446	112	356038	49.515	ug/L	100
52) Ethylbenzene	9.568	91	586353	49.870	ug/L	100
53) m,p-Xylene	9.693	106	234733	49.807	ug/L	100
54) o-Xylene	10.102	106	233641	51.465	ug/L	100
55) Styrene	10.115	104	391628	49.913	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	250448	55.454	ug/L	100
59) Bromoform	10.291	173	120687	51.431	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	201902	57.845	ug/L	100
61) Isopropylbenzene	10.484	105	589070	55.458	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	504089	75.169	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	391811	44.315	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	263726	48.992	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	265928	47.643	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	283469	51.062	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	67296	51.252	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	190812	45.239	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	162842	43.208	ug/L	100
71) Naphthalene	14.086	128	561316	44.583	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	173255	45.282	ug/L	100

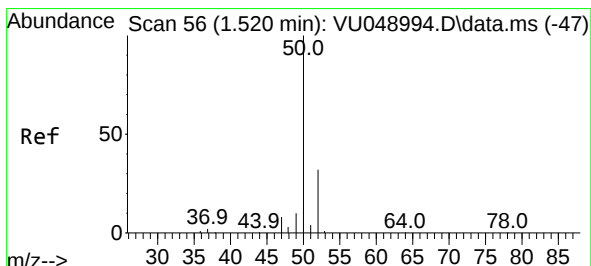
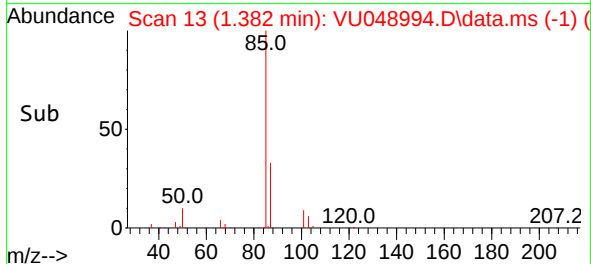
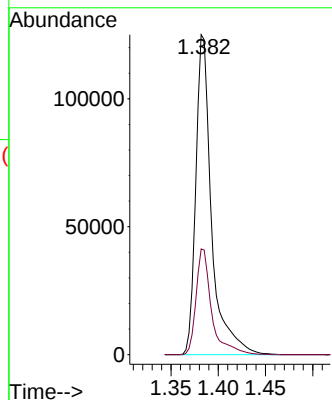
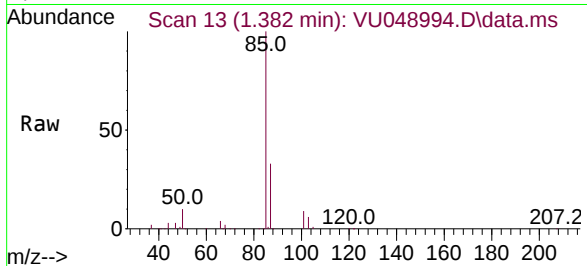
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#2
Dichlorodifluoromethane
Concen: 41.026 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

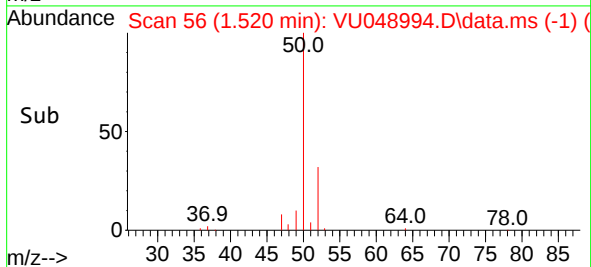
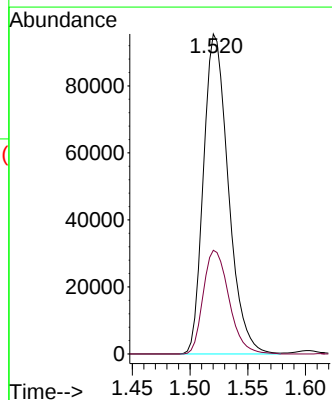
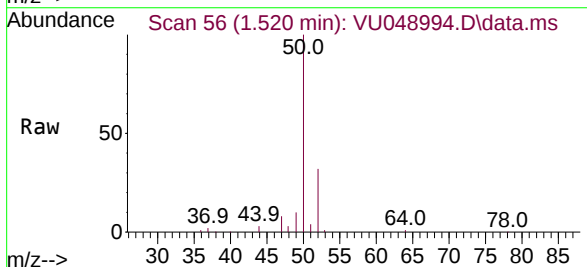
Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

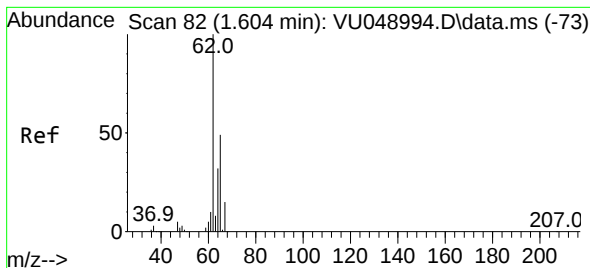
Tgt Ion: 85 Resp: 144912
Ion Ratio Lower Upper
85 100
87 32.9 26.3 39.5



#3
Chloromethane
Concen: 58.872 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion: 50 Resp: 143081
Ion Ratio Lower Upper
50 100
52 32.4 22.7 42.1





#5

Vinyl chloride

Concen: 56.815 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

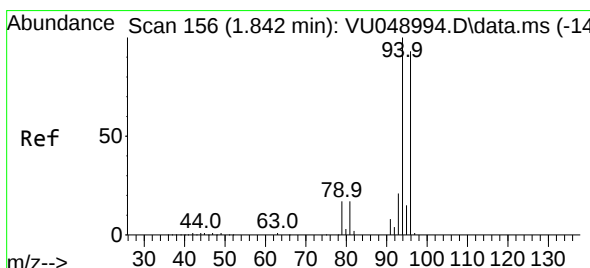
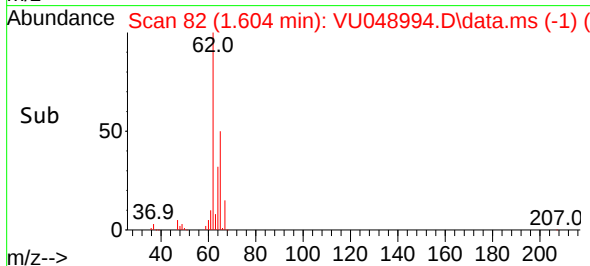
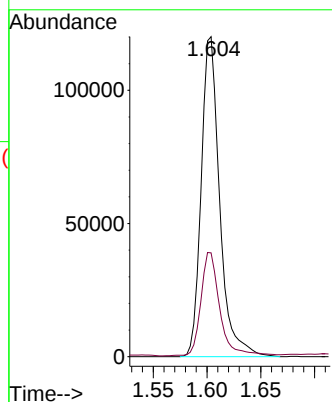
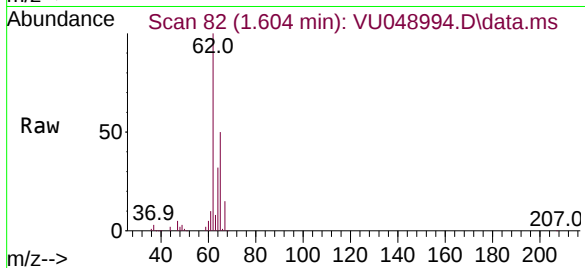
VSTD050076

Tgt Ion: 62 Resp: 143594

Ion Ratio Lower Upper

62 100

64 32.5 22.7 42.3



#6

Bromomethane

Concen: 43.707 ug/L

RT: 1.842 min Scan# 156

Delta R.T. 0.000 min

Lab File: VU048994.D

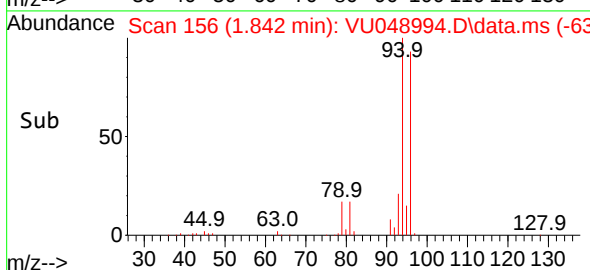
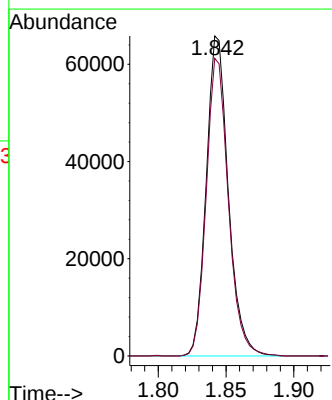
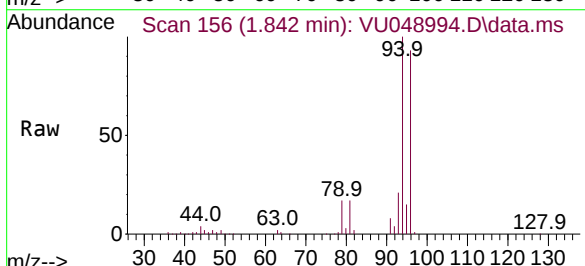
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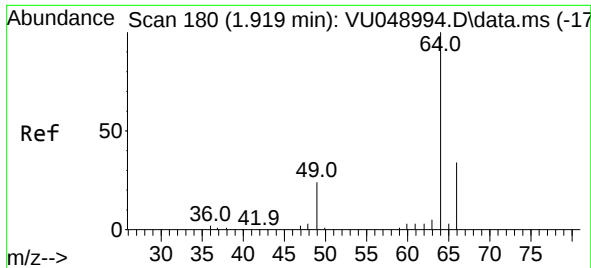
Tgt Ion: 94 Resp: 74597

Ion Ratio Lower Upper

94 100

96 93.0 65.1 120.9

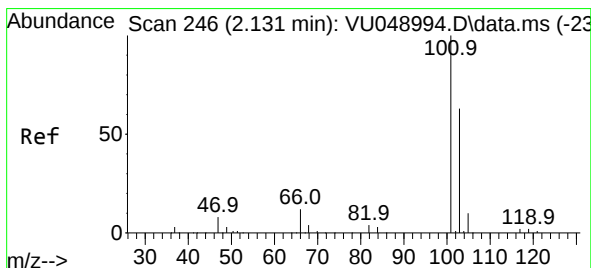
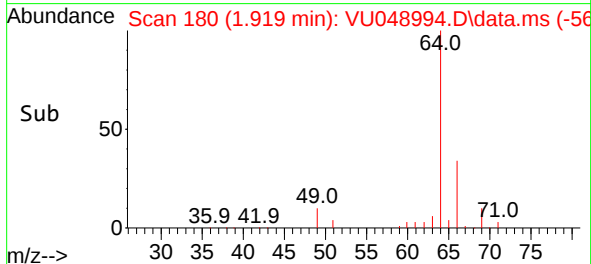
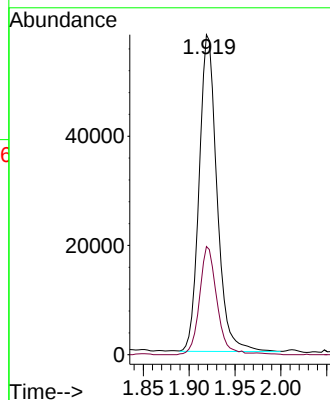
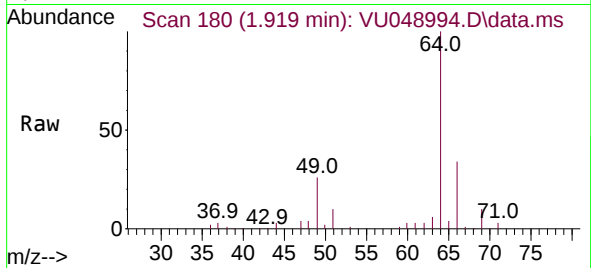




#8
Chloroethane
Concen: 53.821 ug/L
RT: 1.919 min Scan# 180
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

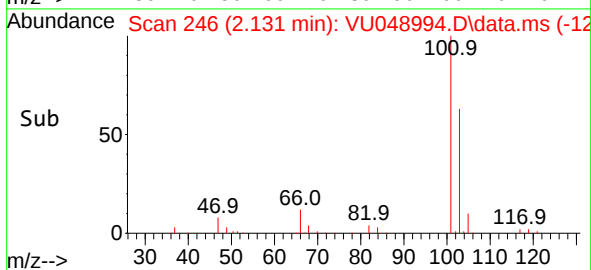
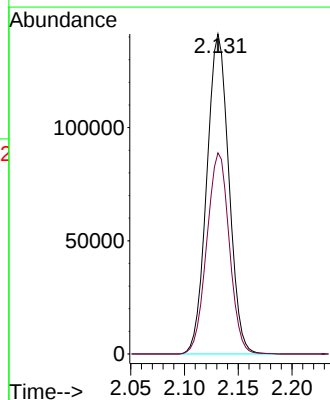
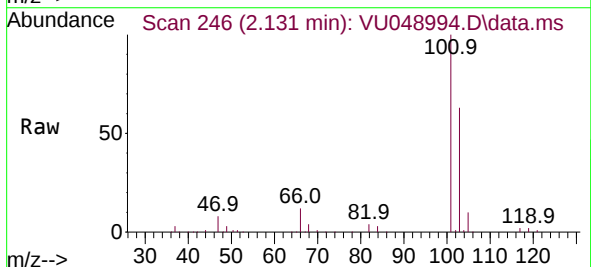
Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

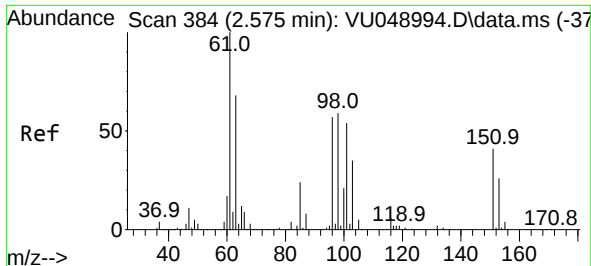
Tgt Ion: 64 Resp: 78611
Ion Ratio Lower Upper
64 100
66 33.8 23.7 43.9



#9
Trichlorofluoromethane
Concen: 43.974 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion:101 Resp: 201685
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

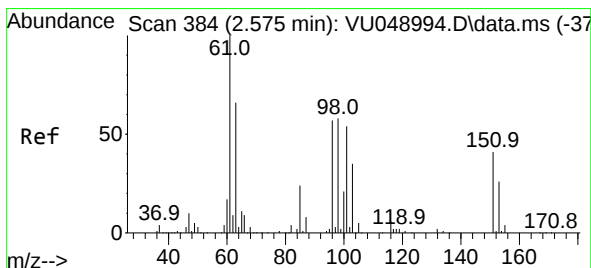
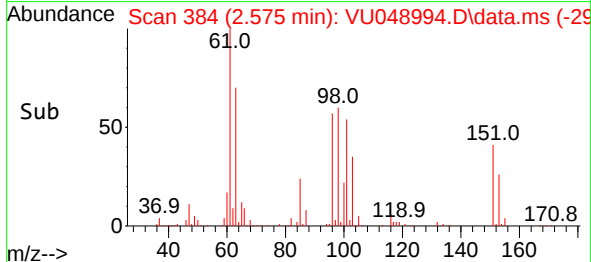
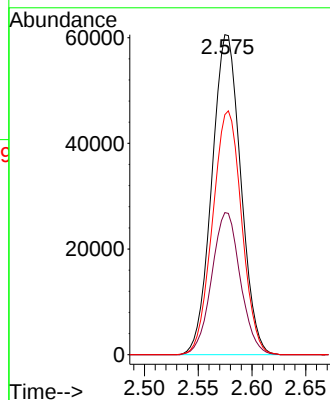
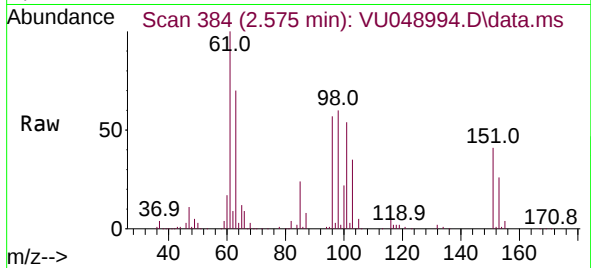




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.695 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU048994.D
 Acq: 10 Jun 2022 13:31

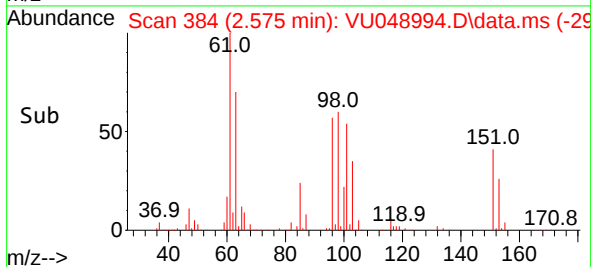
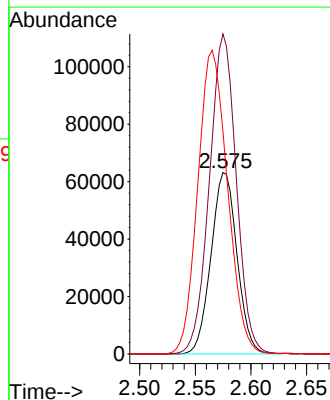
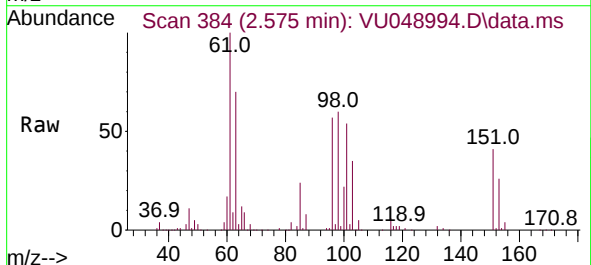
Instrument :
 MSVOA_U
 ClientSampleId :
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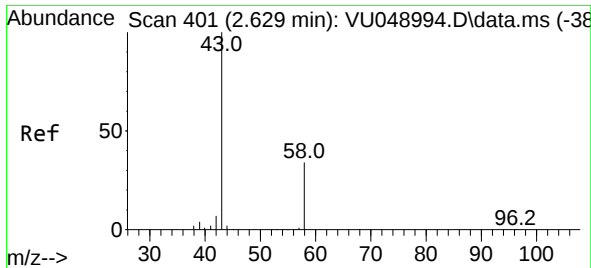
Tgt Ion:101 Resp: 113223
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.2 52.8
 151 76.8 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 46.628 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU048994.D
 Acq: 10 Jun 2022 13:31

Tgt Ion: 96 Resp: 102560
 Ion Ratio Lower Upper
 96 100
 61 176.4 123.5 229.3
 63 122.9 86.0 159.8





#13

Acetone

Concen: 103.097 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

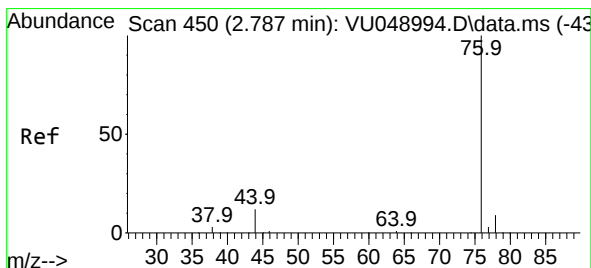
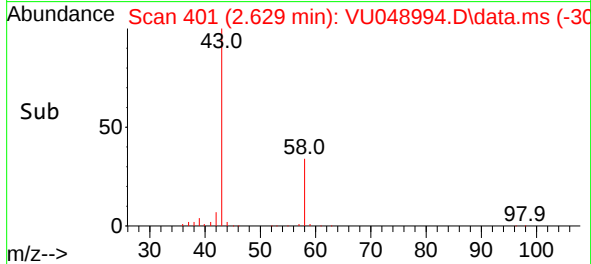
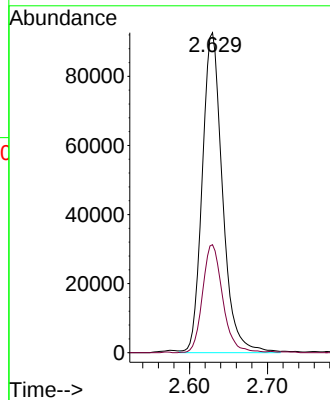
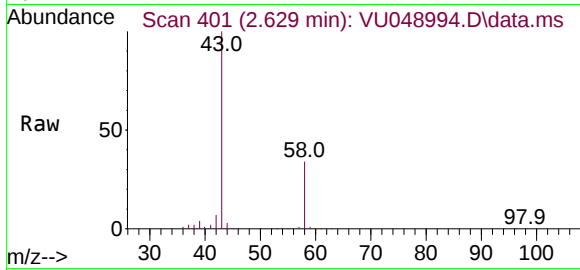
VSTD050076

Tgt Ion: 43 Resp: 167438

Ion Ratio Lower Upper

43 100

58 33.2 0.0 66.4



#14

Carbon disulfide

Concen: 39.991 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU048994.D

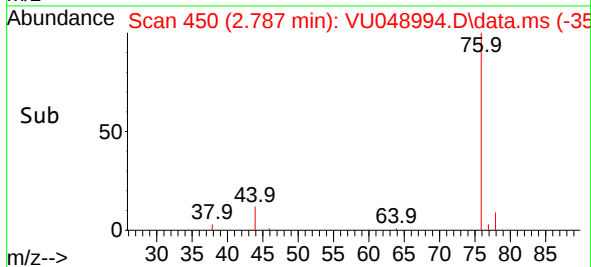
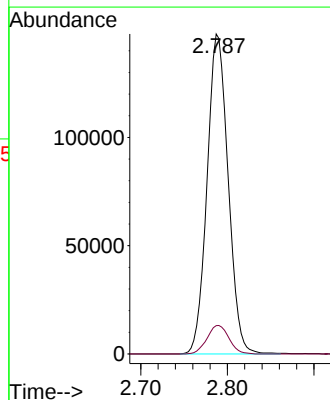
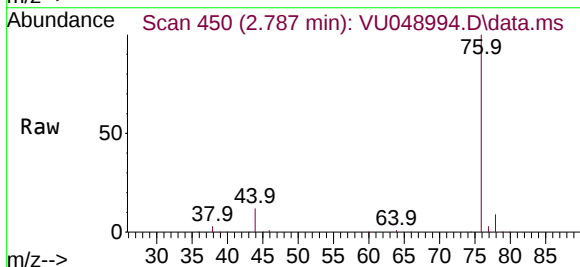
Acq: 10 Jun 2022 13:31

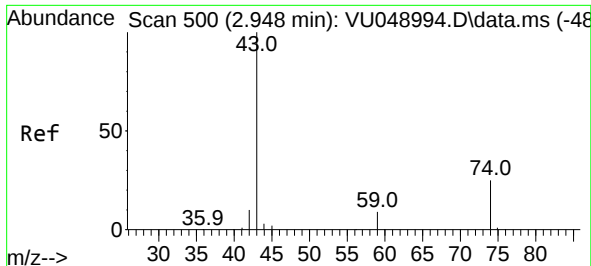
Tgt Ion: 76 Resp: 249702

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

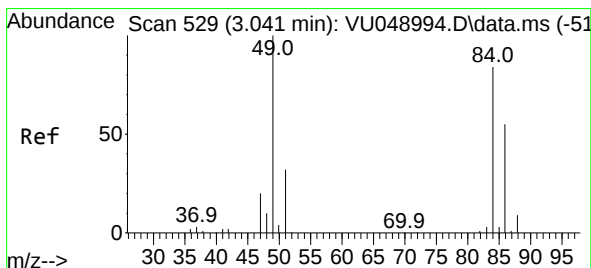
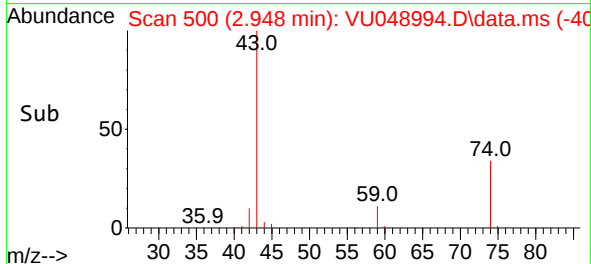
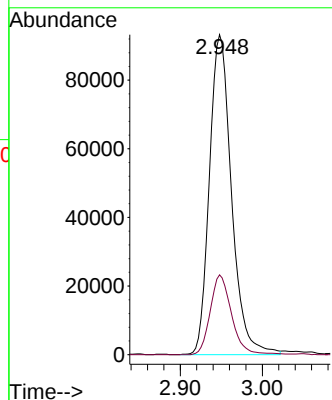
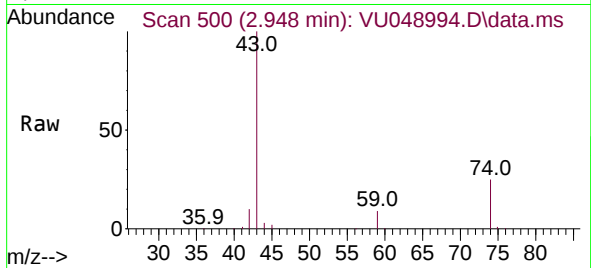




#15
Methyl Acetate
Concen: 59.928 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

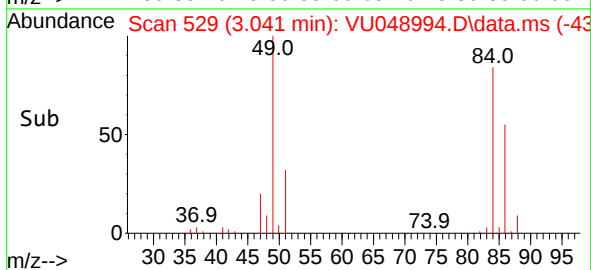
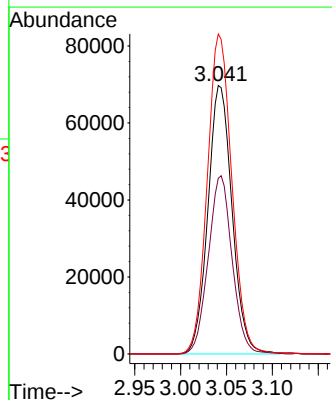
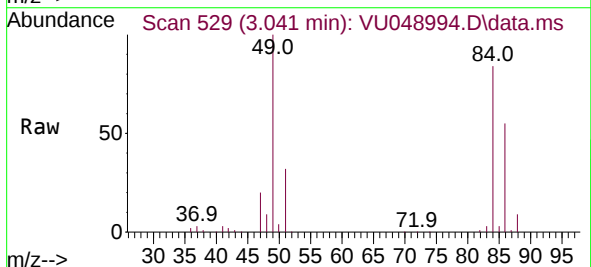
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ClientSampleId :
VSTD050076

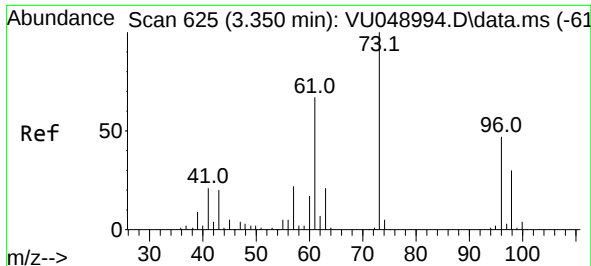
Tgt Ion: 43 Resp: 174881
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6



#16
Methylene chloride
Concen: 49.041 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion: 84 Resp: 128045
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.0
49 119.2 83.4 155.0

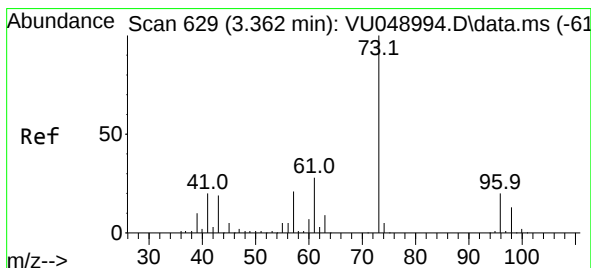
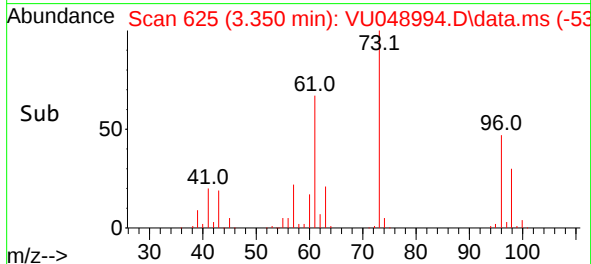
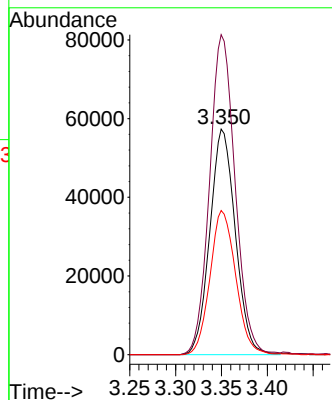
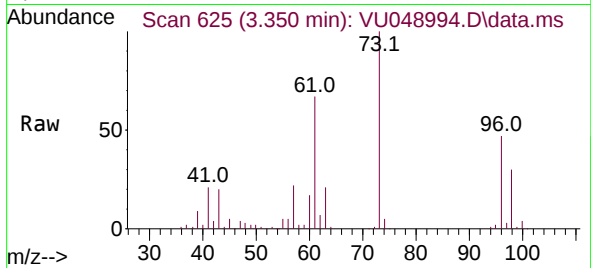




#17
 trans-1,2-Dichloroethene
 Concen: 46.663 ug/L
 RT: 3.350 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VU048994.D
 Acq: 10 Jun 2022 13:31

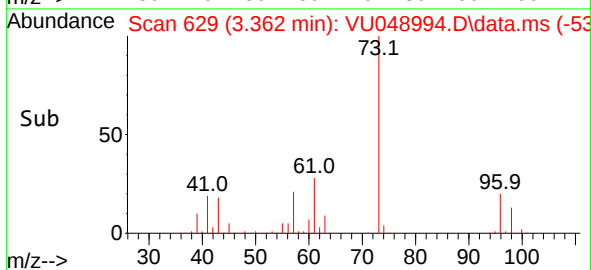
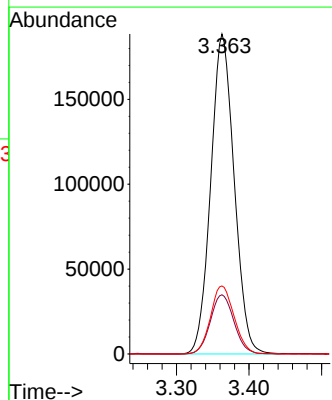
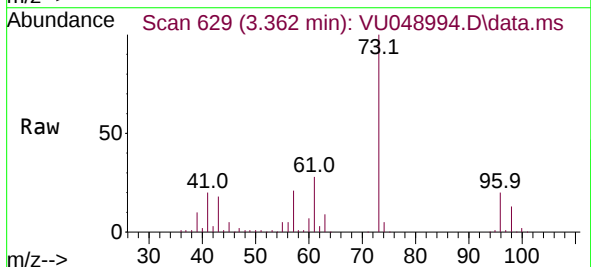
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050076

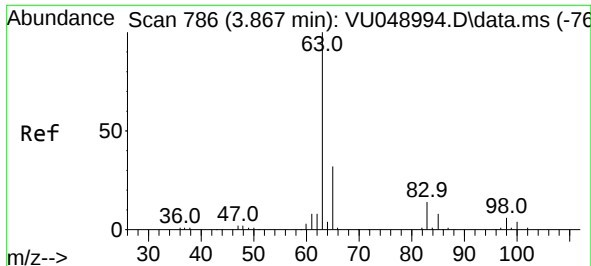
Tgt Ion: 96 Resp: 111155
 Ion Ratio Lower Upper
 96 100
 61 141.8 99.3 184.3
 98 63.9 44.7 83.1



#18
 Methyl tert-butyl Ether
 Concen: 50.529 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. 0.000 min
 Lab File: VU048994.D
 Acq: 10 Jun 2022 13:31

Tgt Ion: 73 Resp: 422325
 Ion Ratio Lower Upper
 73 100
 43 18.7 15.0 22.4
 57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 53.769 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD050076

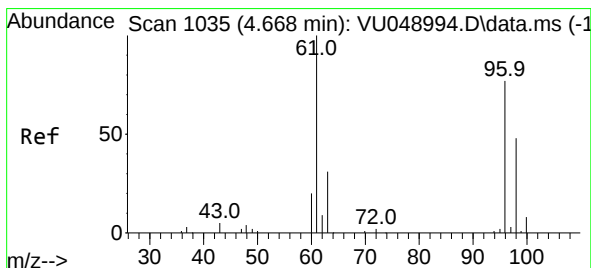
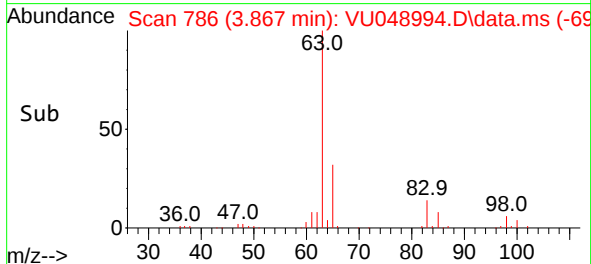
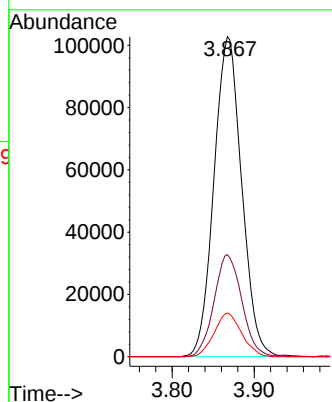
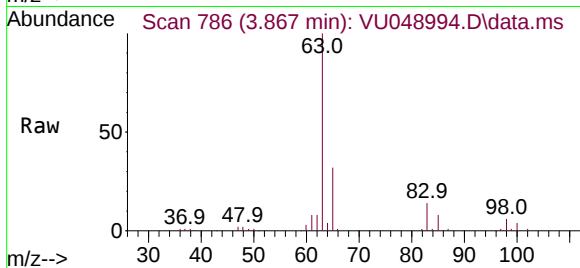
Tgt Ion: 63 Resp: 240970

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 49.802 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

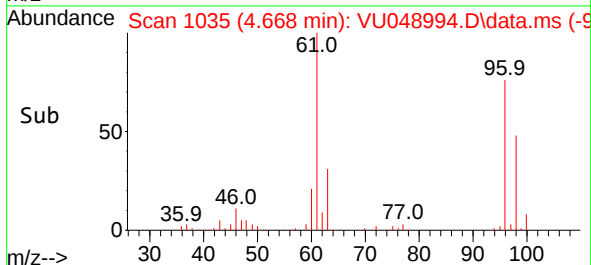
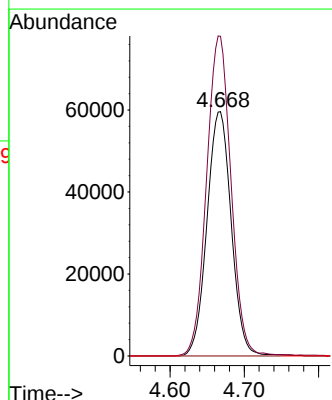
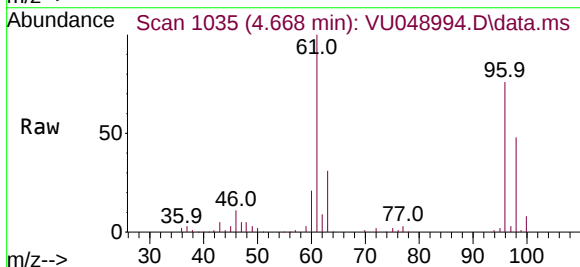
Tgt Ion: 96 Resp: 135124

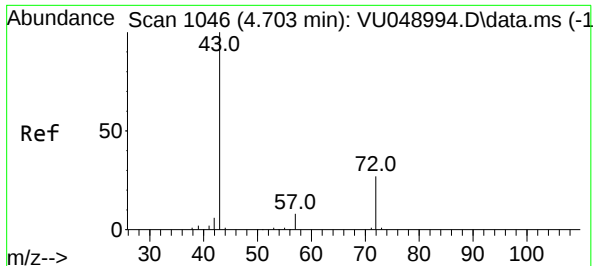
Ion Ratio Lower Upper

96 100

61 130.9 91.6 170.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 125.897 ug/L

RT: 4.703 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

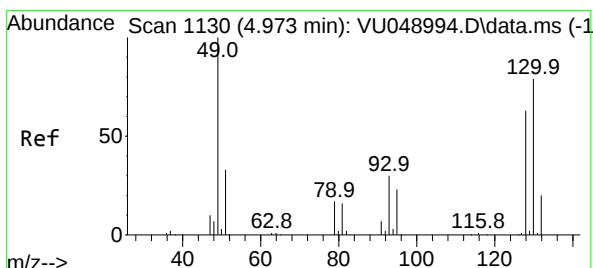
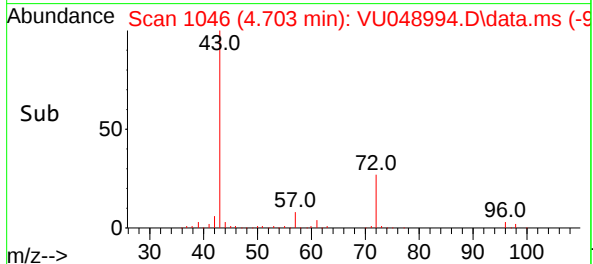
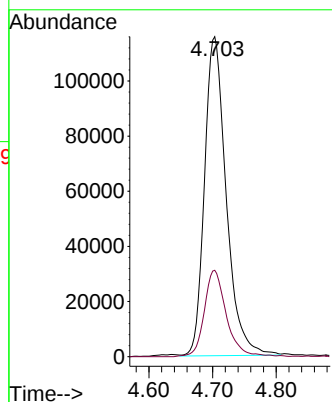
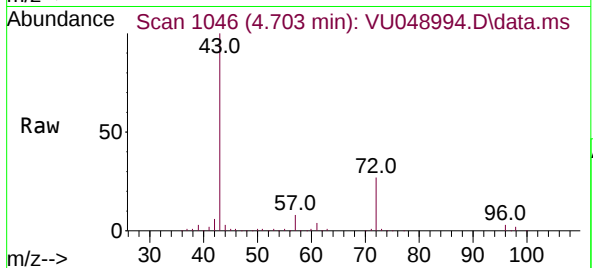
VSTD050076

Tgt Ion: 43 Resp: 274914

Ion Ratio Lower Upper

43 100

72 27.3 13.7 41.0



#23

Bromochloromethane

Concen: 47.806 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Tgt Ion:128 Resp: 71387

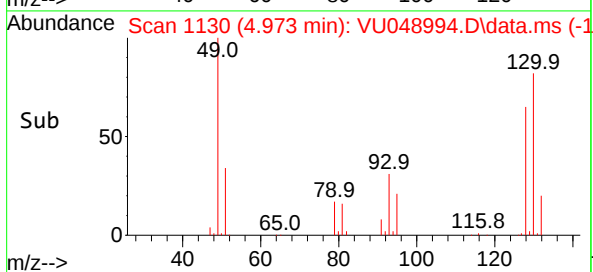
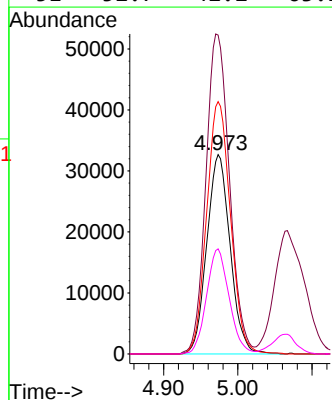
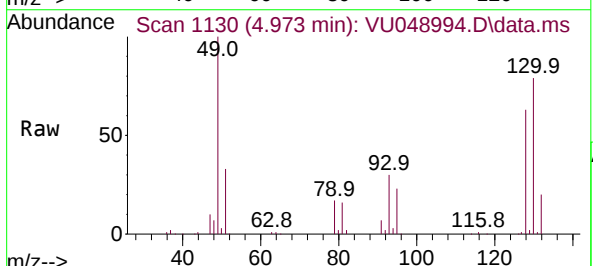
Ion Ratio Lower Upper

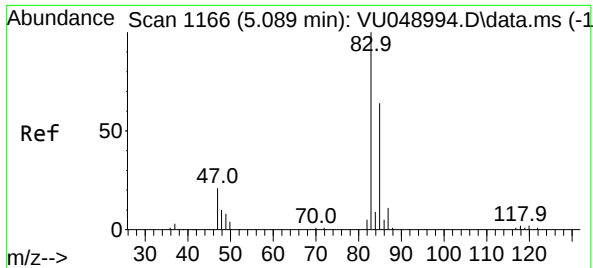
128 100

49 159.9 111.9 207.9

130 126.6 88.6 164.6

51 52.7 42.2 63.2

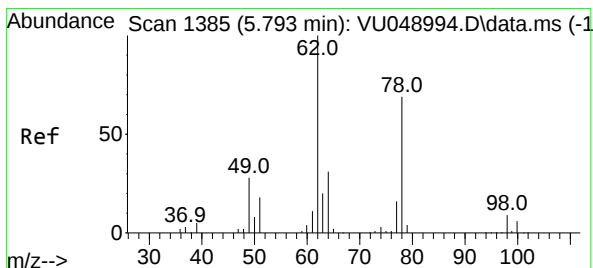
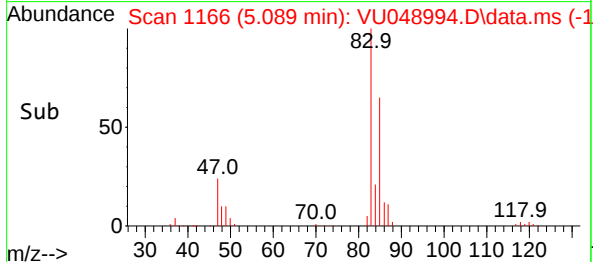
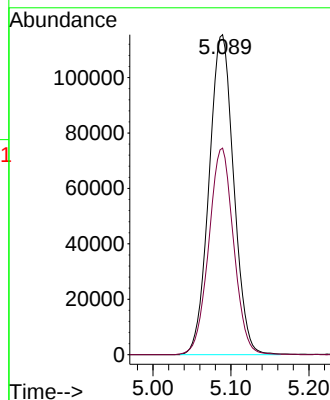
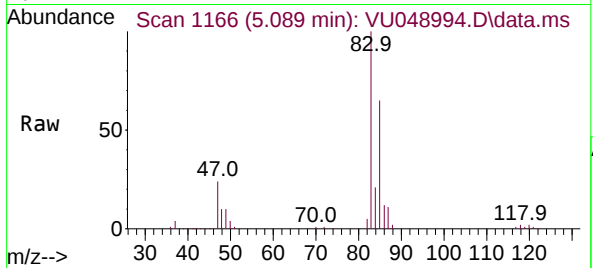




#25
Chloroform
Concen: 49.515 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

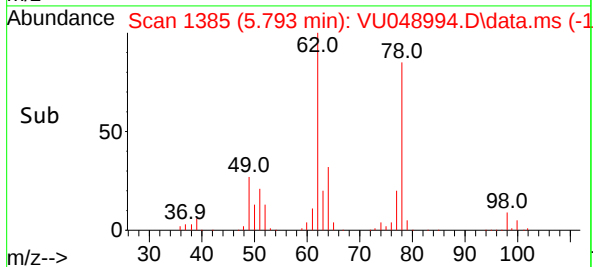
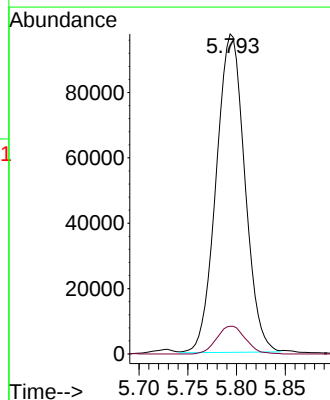
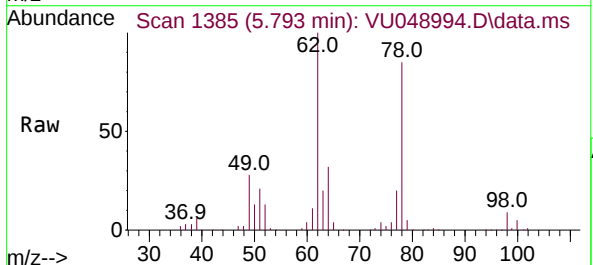
Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

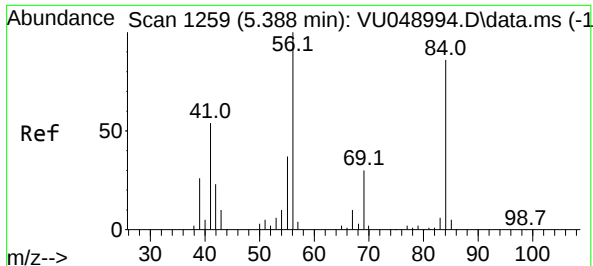
Tgt Ion: 83 Resp: 254209
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 46.089 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion: 62 Resp: 199179
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4





#29

Cyclohexane

Concen: 53.530 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD050076

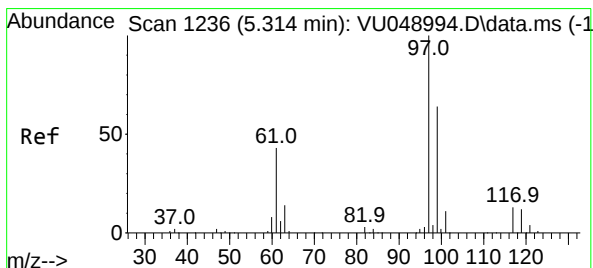
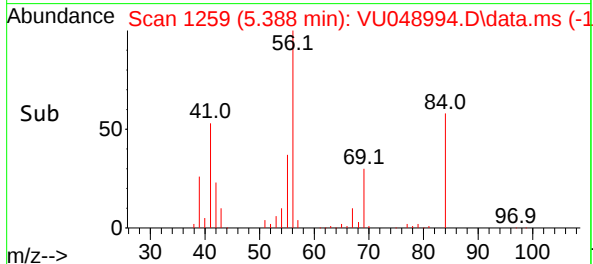
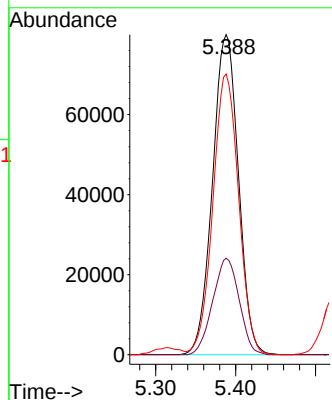
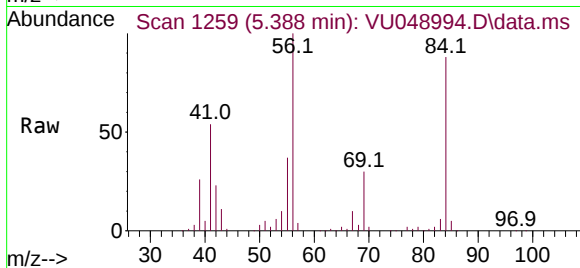
Tgt Ion: 56 Resp: 180026

Ion Ratio Lower Upper

56 100

69 30.7 24.6 36.8

84 87.1 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 46.070 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

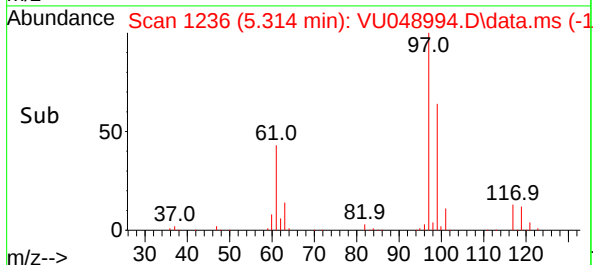
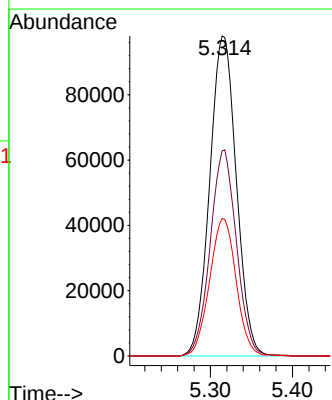
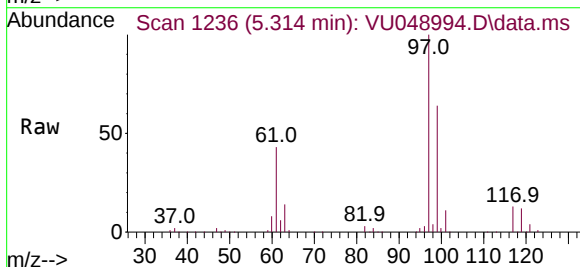
Tgt Ion: 97 Resp: 221240

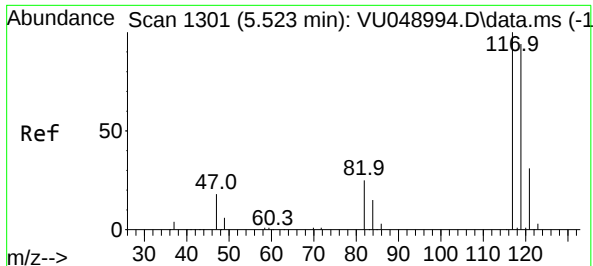
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 42.7 34.2 51.2

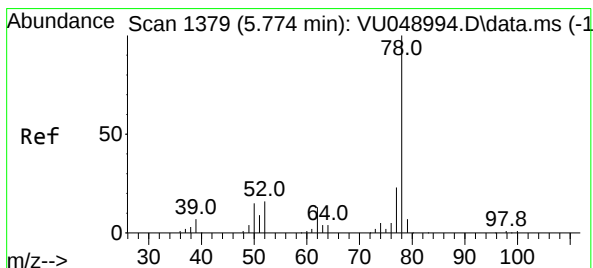
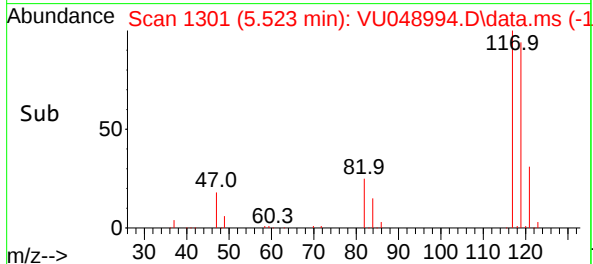
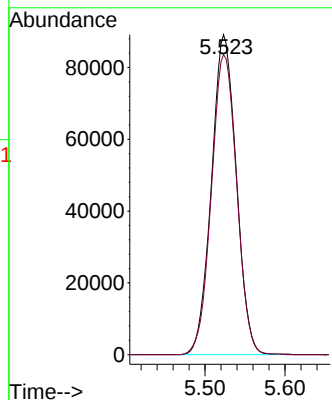
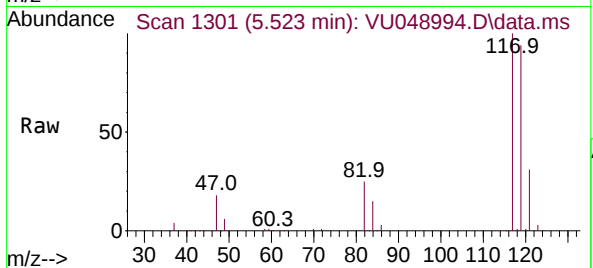




#31
Carbon tetrachloride
Concen: 44.335 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

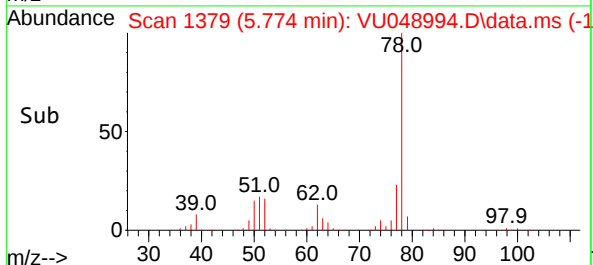
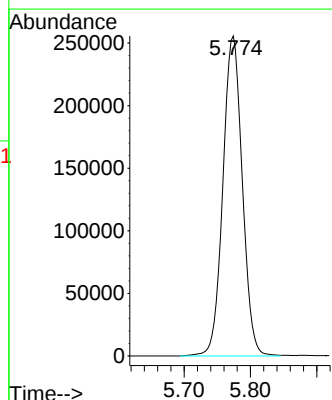
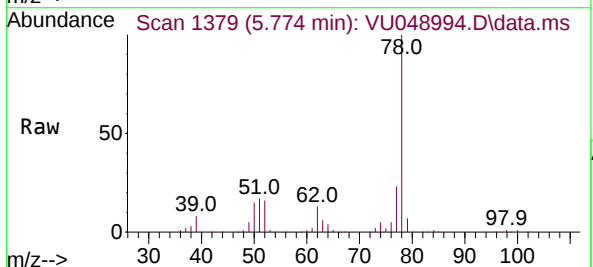
Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

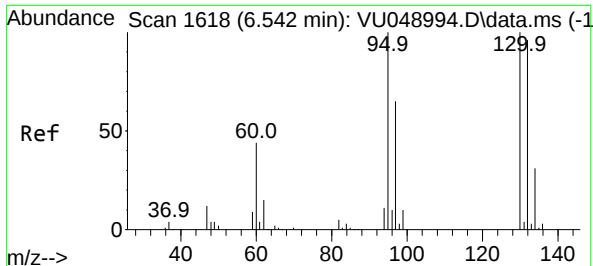
Tgt Ion:117 Resp: 191953
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7



#33
Benzene
Concen: 53.940 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion: 78 Resp: 519337

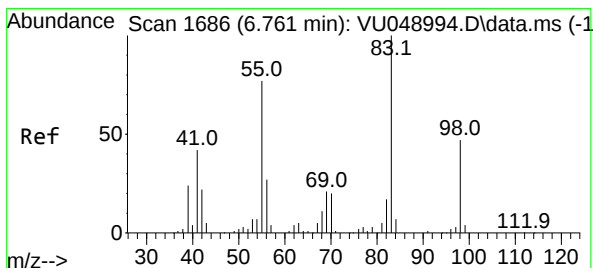
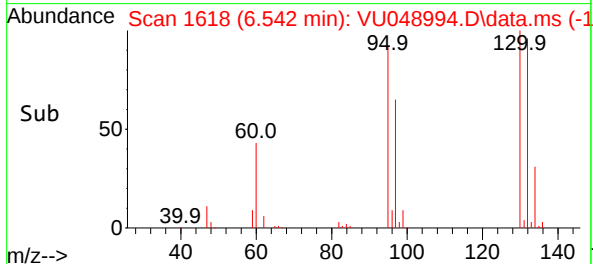
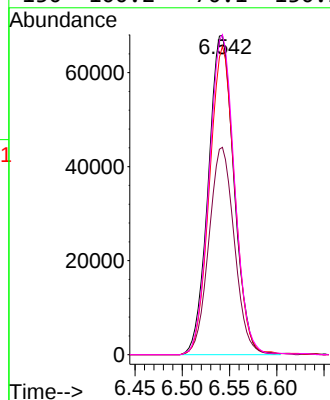
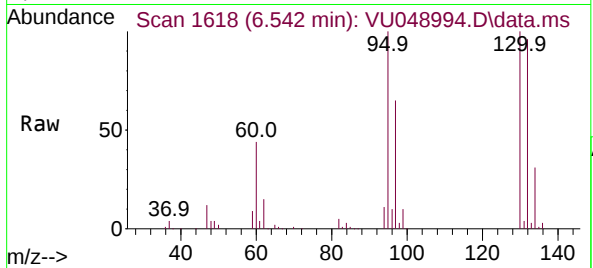




#34
Trichloroethene
Concen: 48.439 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

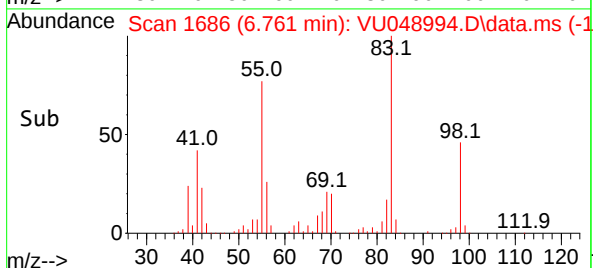
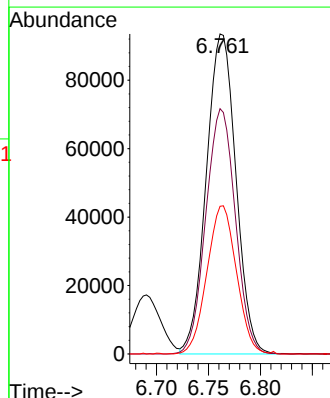
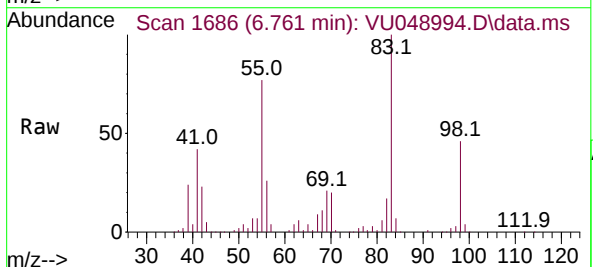
Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

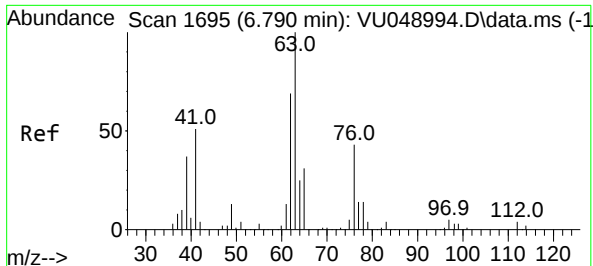
Tgt Ion: 95 Resp: 128613
Ion Ratio Lower Upper
95 100
97 64.9 45.4 84.4
132 96.6 67.6 125.6
130 100.2 70.1 130.3



#35
Methylcyclohexane
Concen: 48.938 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion: 83 Resp: 185798
Ion Ratio Lower Upper
83 100
55 76.3 61.0 91.6
98 46.0 36.8 55.2





#37

1,2-Dichloropropane

Concen: 58.609 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

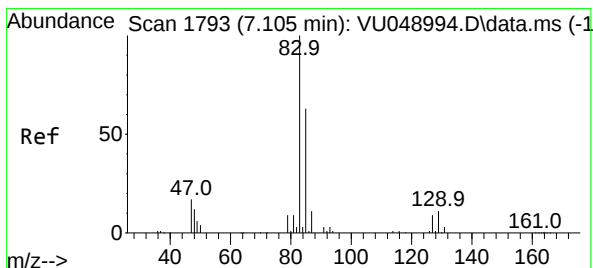
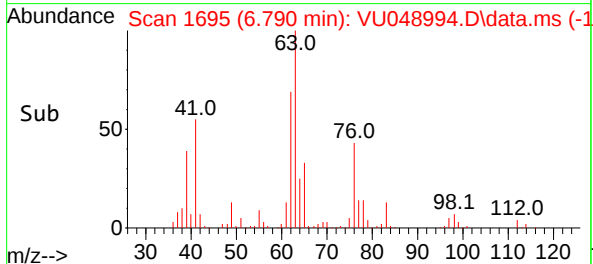
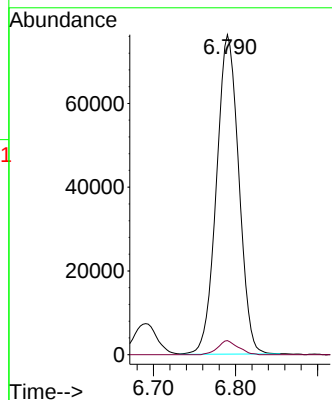
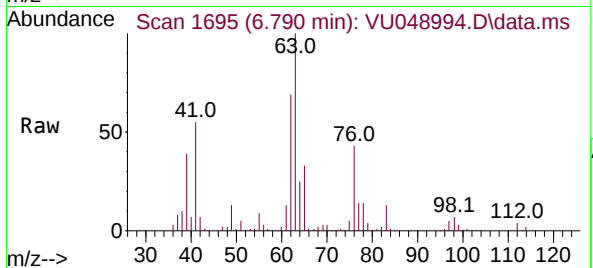
VSTD050076

Tgt Ion: 63 Resp: 144497

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 50.326 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

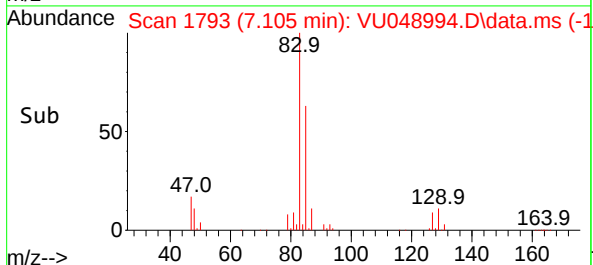
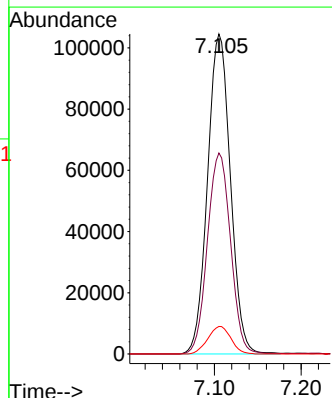
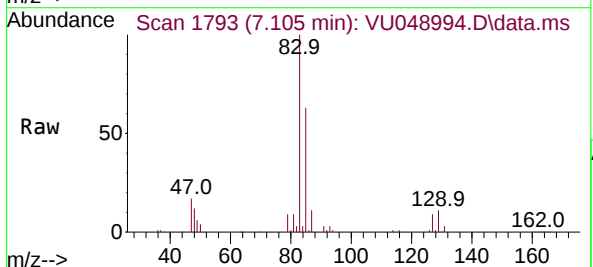
Tgt Ion: 83 Resp: 191945

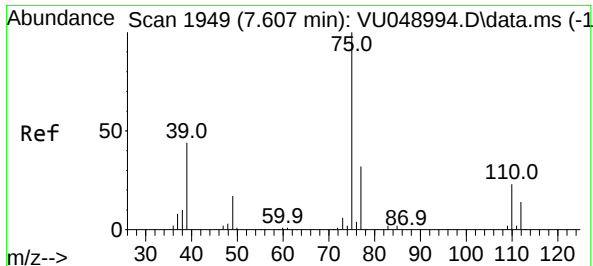
Ion Ratio Lower Upper

83 100

85 62.8 44.0 81.6

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 52.252 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

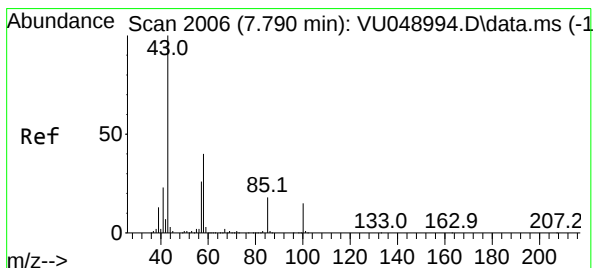
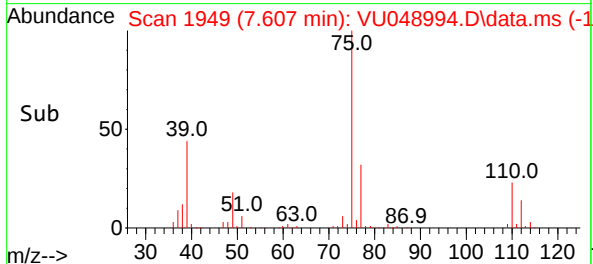
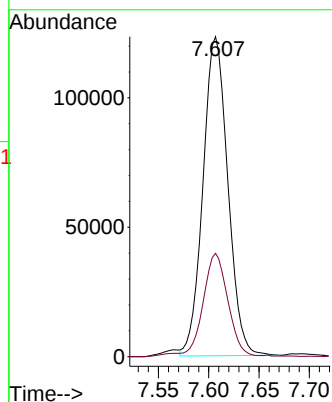
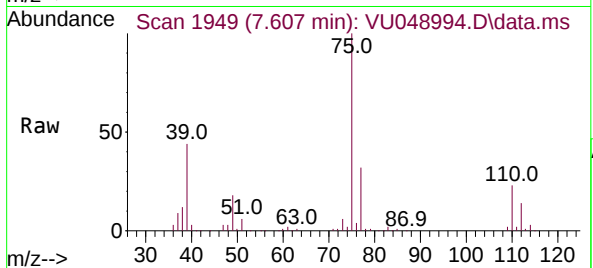
VSTD050076

Tgt Ion: 75 Resp: 212118

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 128.028 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

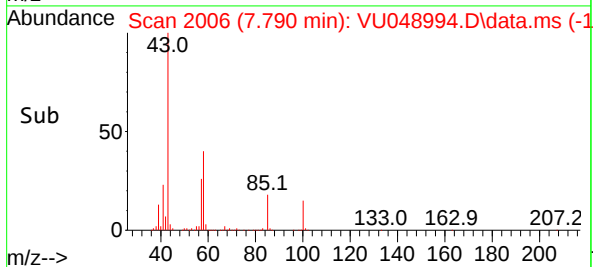
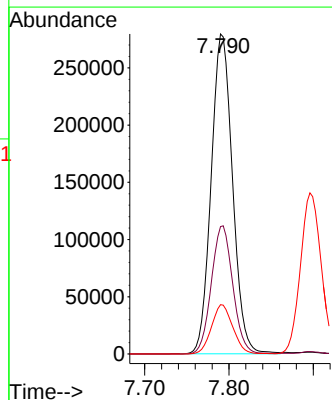
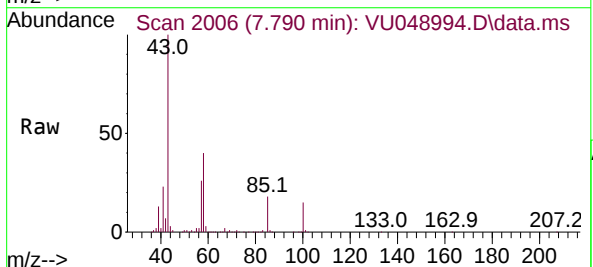
Tgt Ion: 43 Resp: 492712

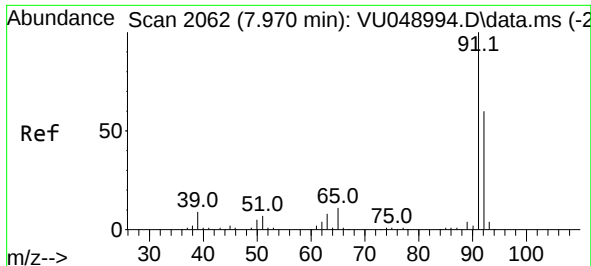
Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.4

100 15.4 12.3 18.5

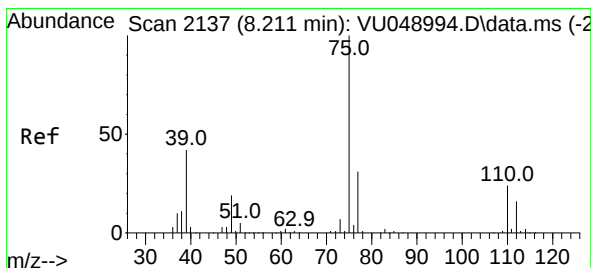
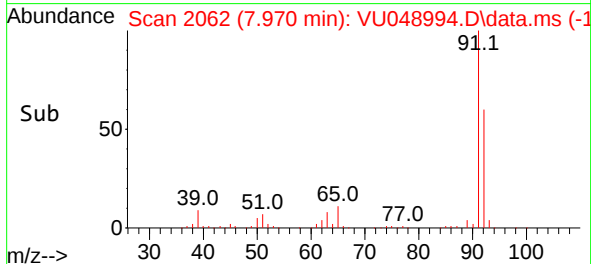
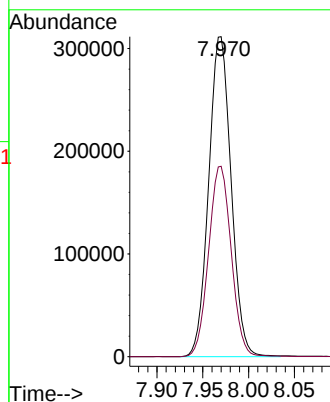
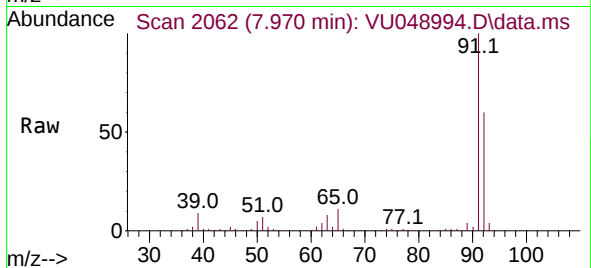




#42
Toluene
Concen: 51.452 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

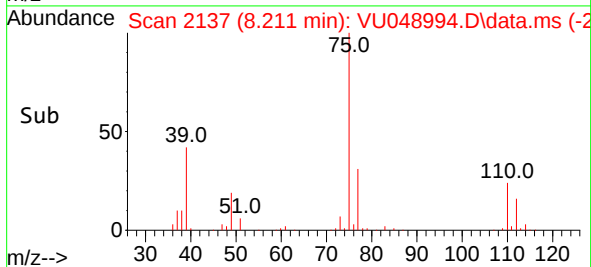
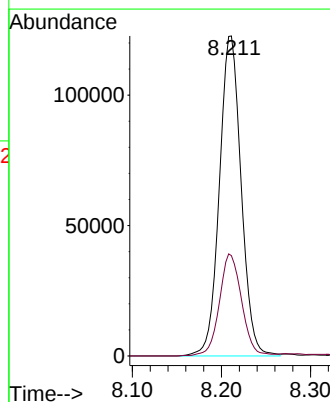
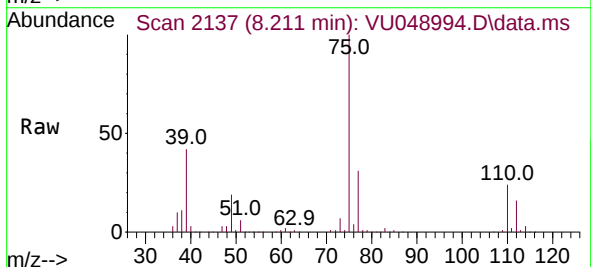
Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

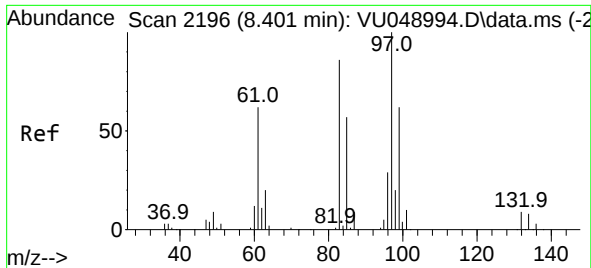
Tgt Ion: 91 Resp: 530275
Ion Ratio Lower Upper
91 100
92 59.5 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 49.563 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion: 75 Resp: 208413
Ion Ratio Lower Upper
75 100
77 31.3 21.9 40.7



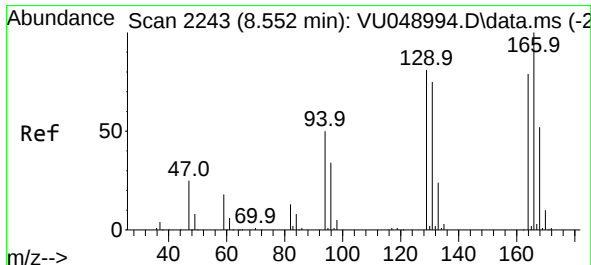
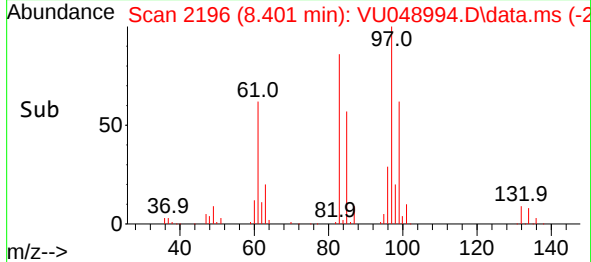
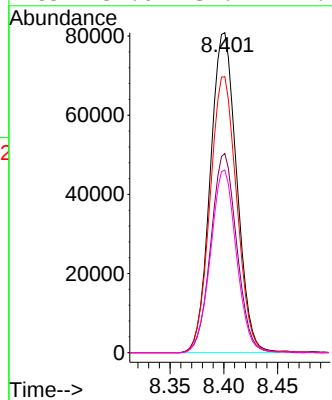
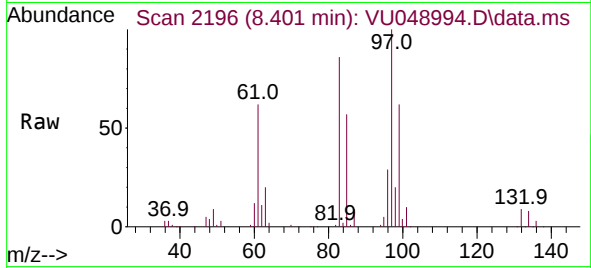


#45
1,1,2-Trichloroethane
Concen: 53.770 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

Tgt Ion: 97 Resp: 138272

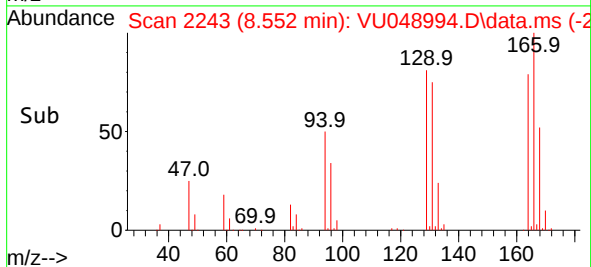
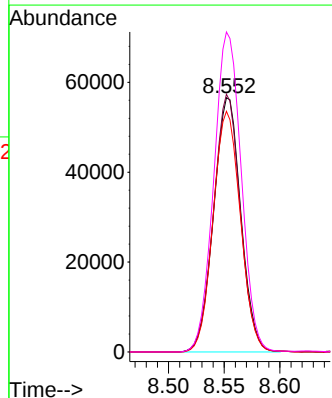
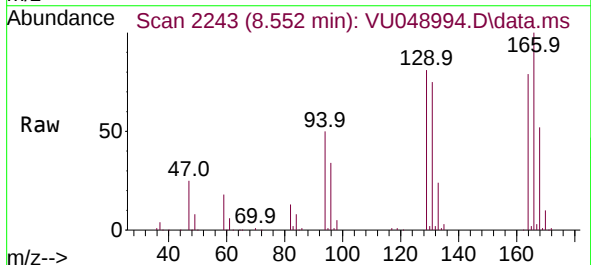
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.5	80.9
83	86.2	60.3	112.1
85	57.0	39.9	74.1

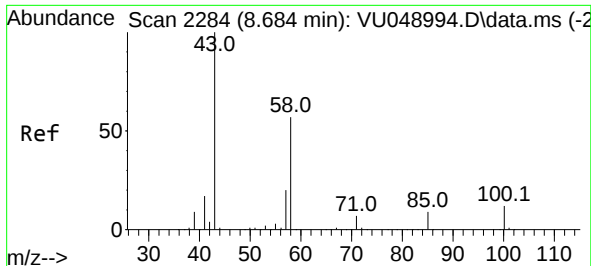


#46
Tetrachloroethene
Concen: 45.358 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion: 164 Resp: 95962

Ion	Ratio	Lower	Upper
164	100		
129	101.3	70.9	131.7
131	94.6	66.2	123.0
166	125.8	88.1	163.5

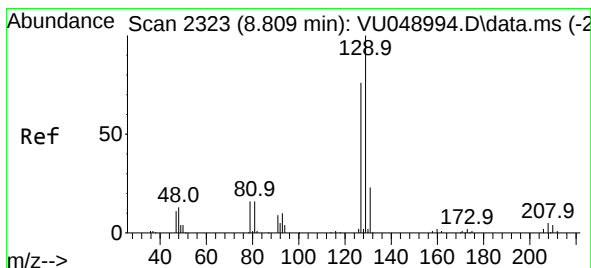
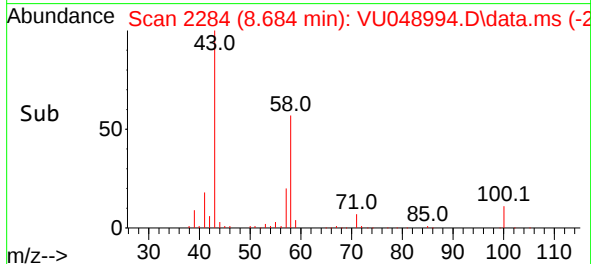
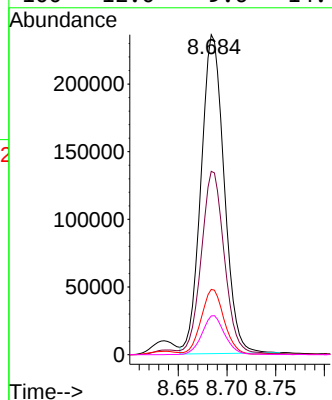
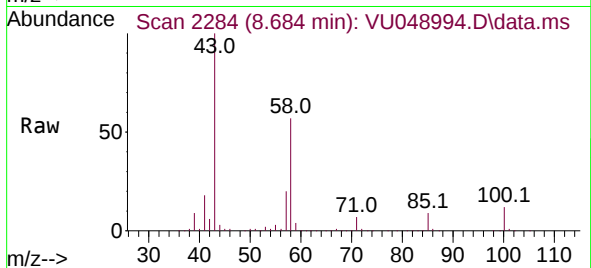




#48
2-Hexanone
Concen: 120.342 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

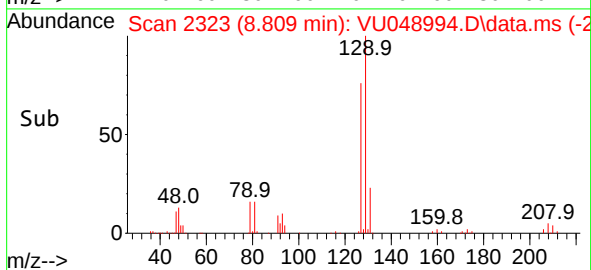
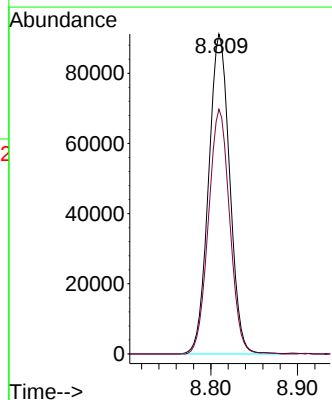
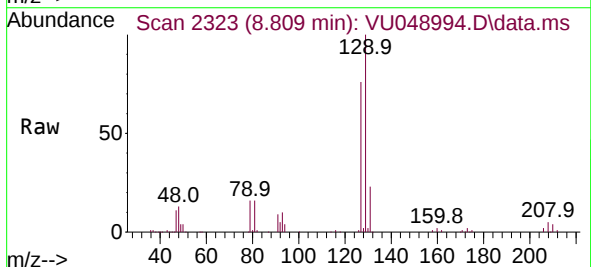
Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

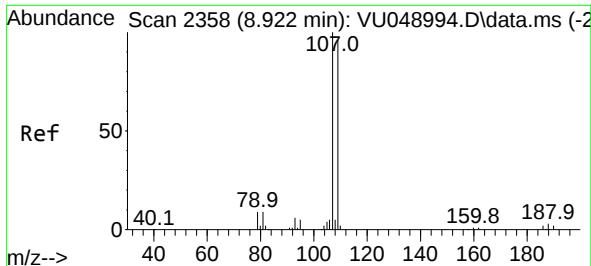
Tgt Ion:	43	Resp:	389032
Ion	Ratio	Lower	Upper
43	100		
58	57.3	45.8	68.8
57	20.3	16.2	24.4
100	12.0	9.6	14.4



#49
Dibromochloromethane
Concen: 48.006 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion:	129	Resp:	154066
Ion	Ratio	Lower	Upper
129	100		
127	76.5	53.5	99.5





#50

1,2-Dibromoethane

Concen: 49.347 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD050076

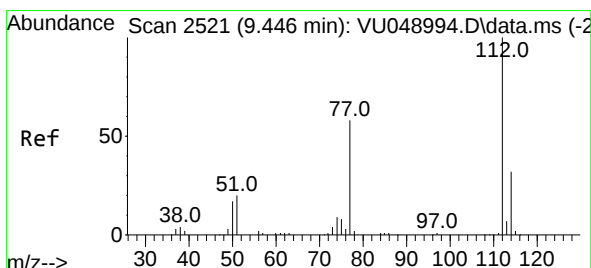
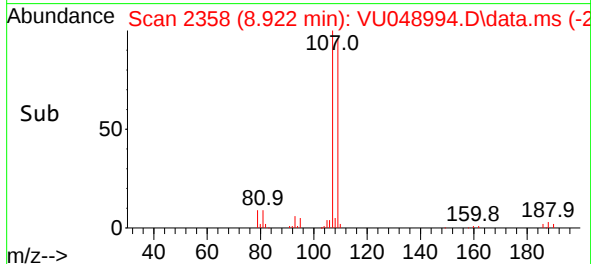
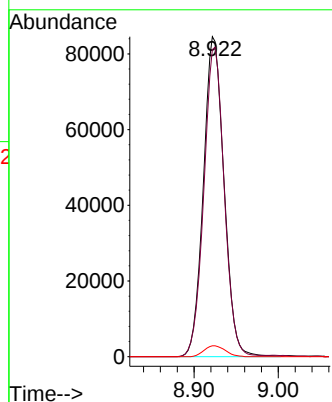
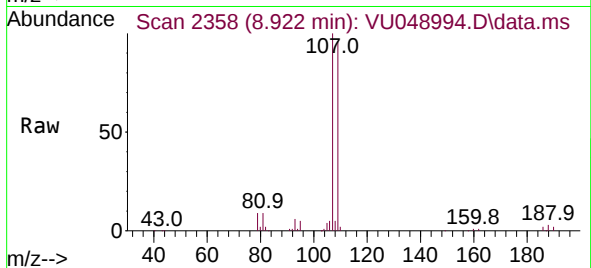
Tgt Ion:107 Resp: 143929

Ion Ratio Lower Upper

107 100

109 96.0 67.2 124.8

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 49.515 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

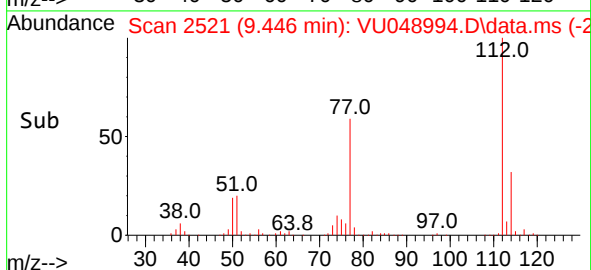
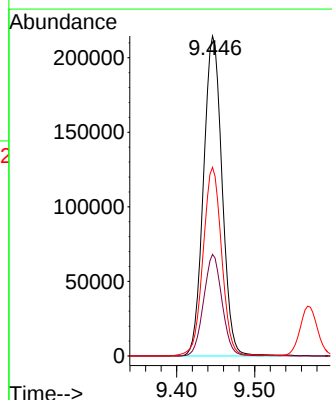
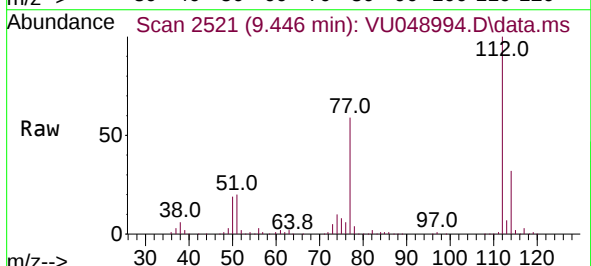
Tgt Ion:112 Resp: 356038

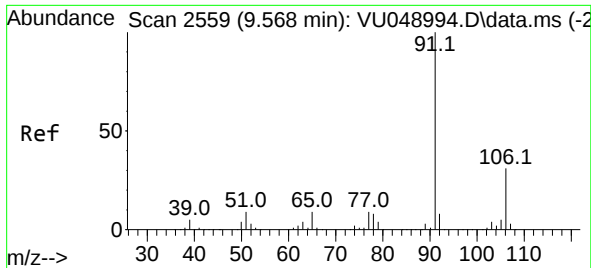
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 58.9 47.1 70.7

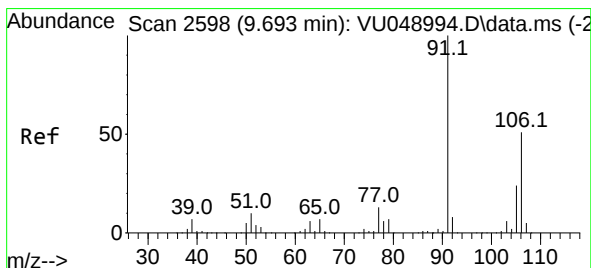
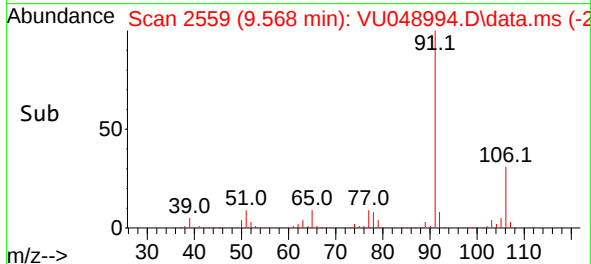
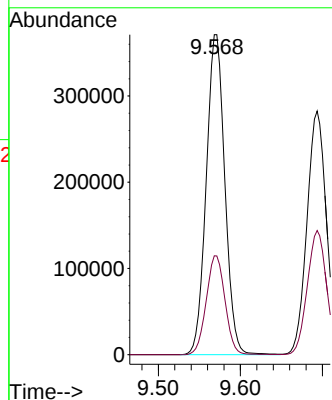
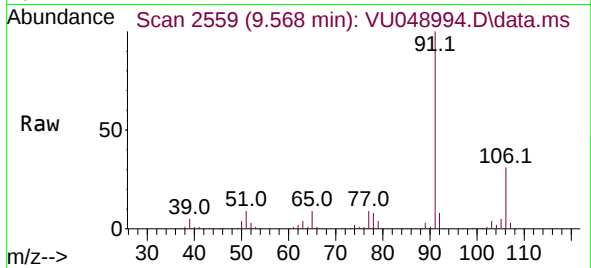




#52
Ethylbenzene
Concen: 49.870 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

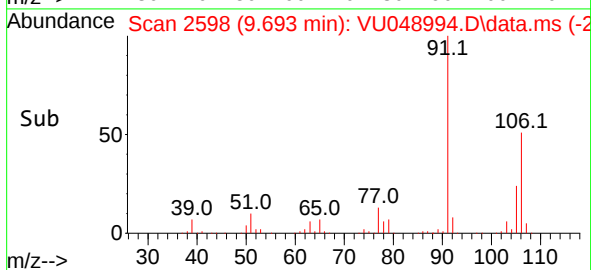
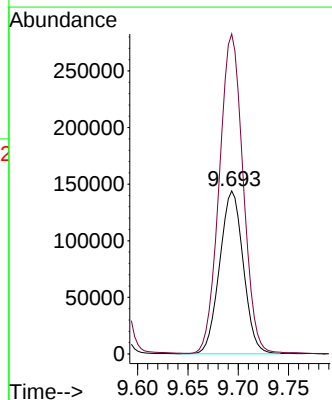
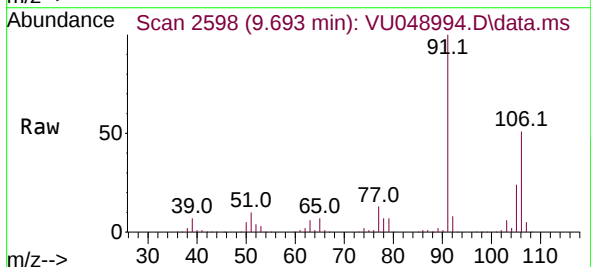
Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

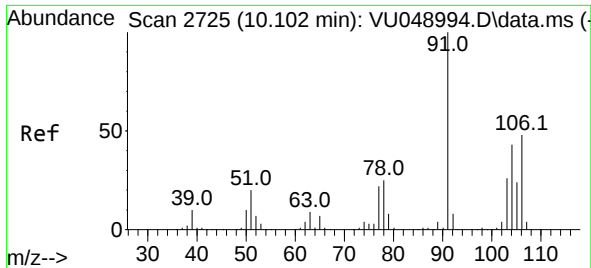
Tgt Ion: 91 Resp: 586353
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.2



#53
m,p-Xylene
Concen: 49.807 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion:106 Resp: 234733
Ion Ratio Lower Upper
106 100
91 196.3 137.4 255.2

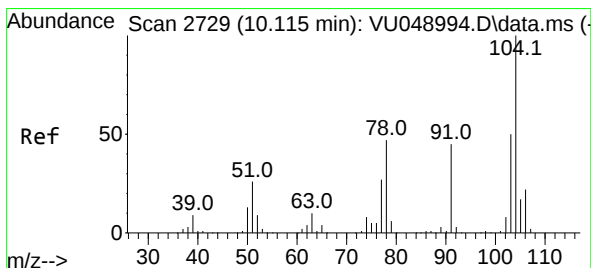
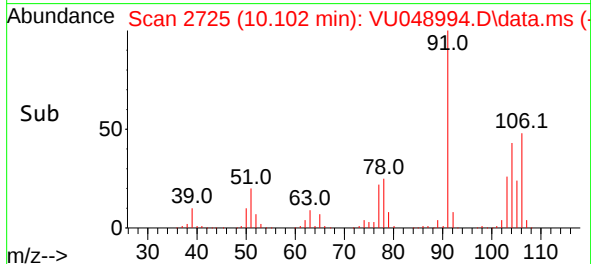
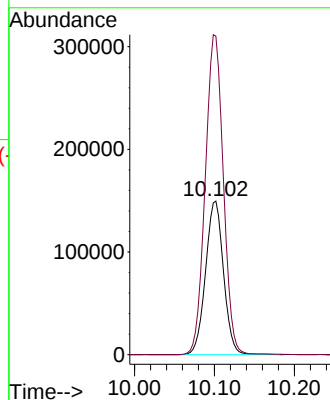
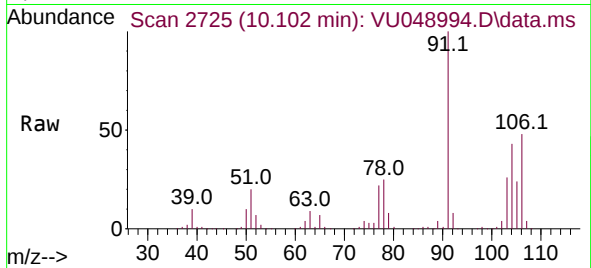




#54
o-Xylene
Concen: 51.465 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

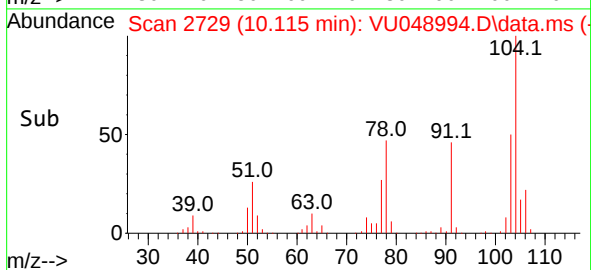
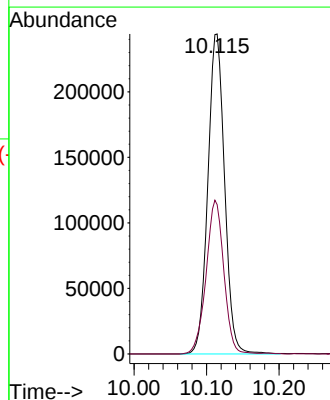
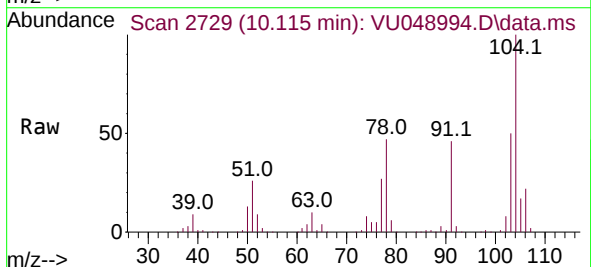
Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

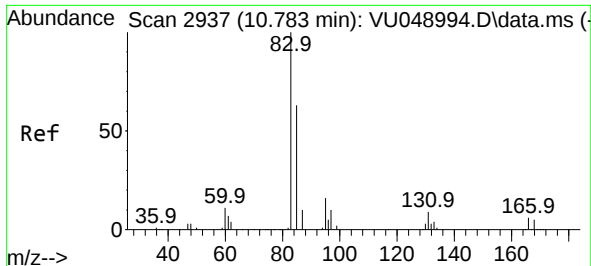
Tgt Ion:106 Resp: 233641
Ion Ratio Lower Upper
106 100
91 207.4 145.2 269.6



#55
Styrene
Concen: 49.913 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion:104 Resp: 391628
Ion Ratio Lower Upper
104 100
78 46.6 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 55.454 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD050076

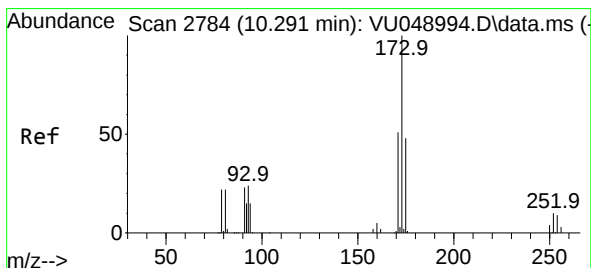
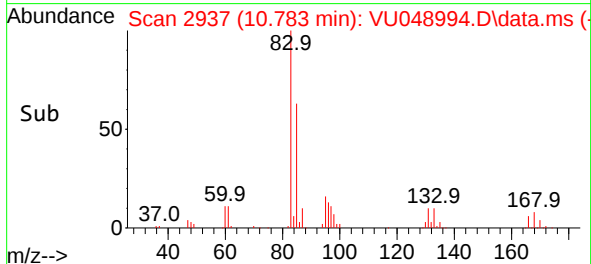
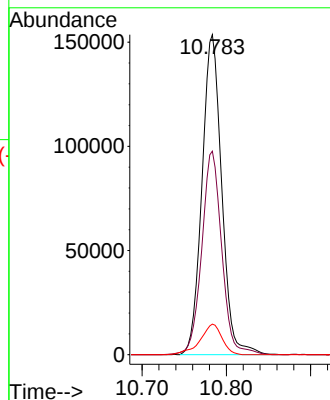
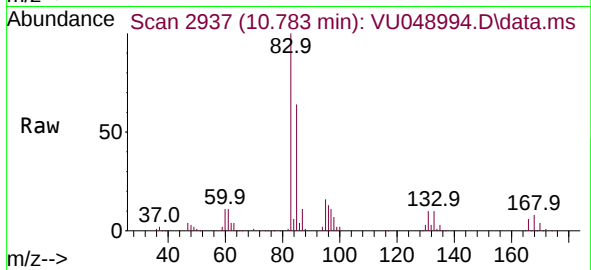
Tgt Ion: 83 Resp: 250448

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7

131 9.5 7.6 11.4



#59

Bromoform

Concen: 51.431 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

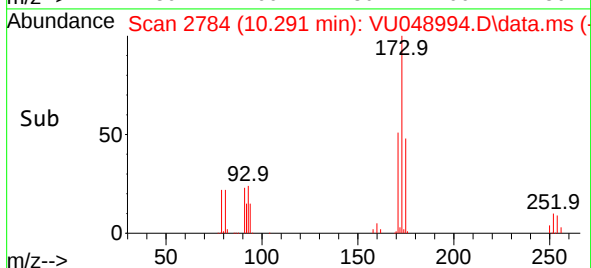
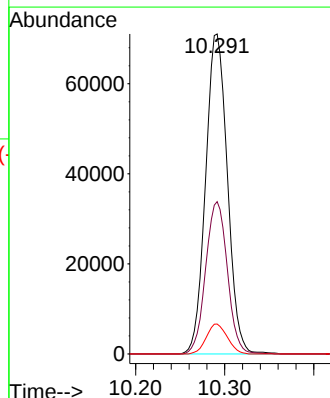
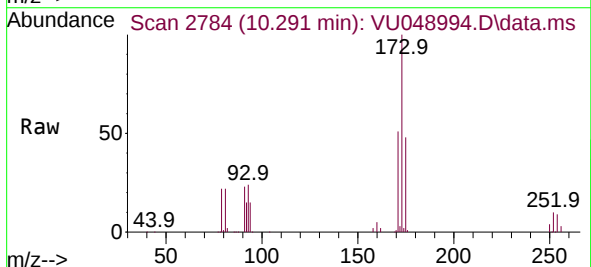
Tgt Ion:173 Resp: 120687

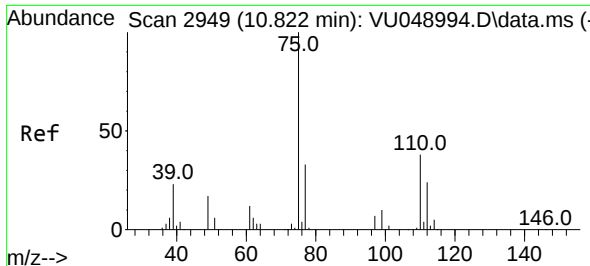
Ion Ratio Lower Upper

173 100

175 47.3 37.8 56.8

254 9.0 7.2 10.8

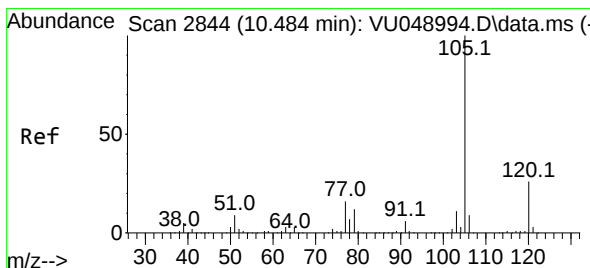
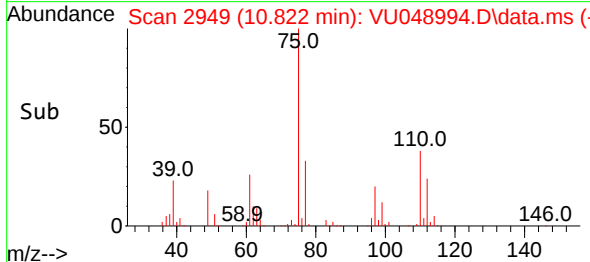
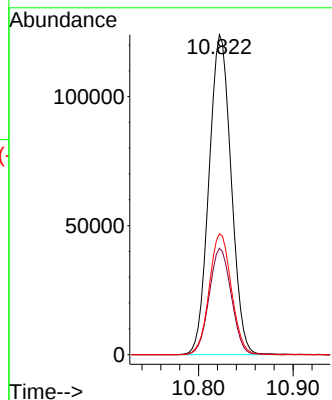
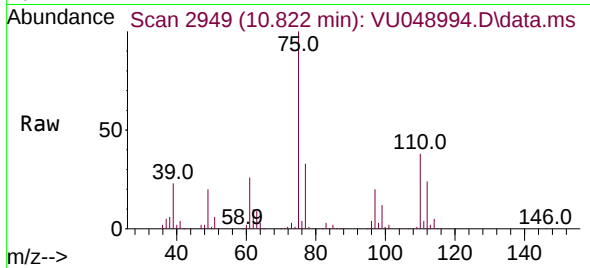




#60
1,2,3-Trichloropropane
Concen: 57.845 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

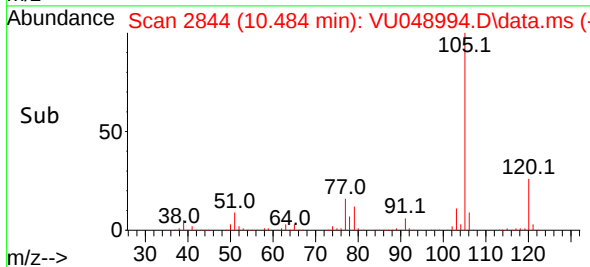
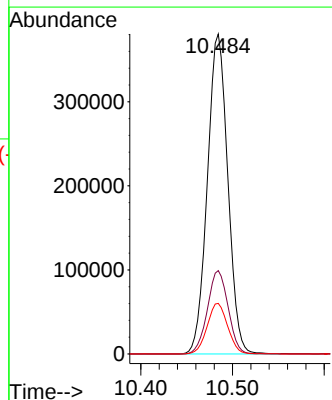
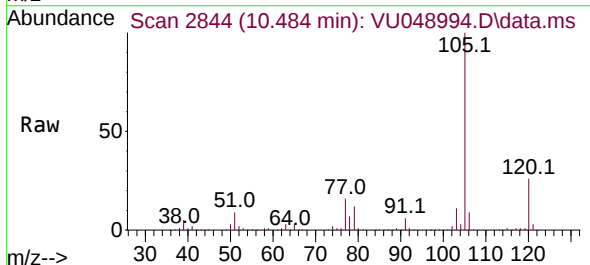
Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

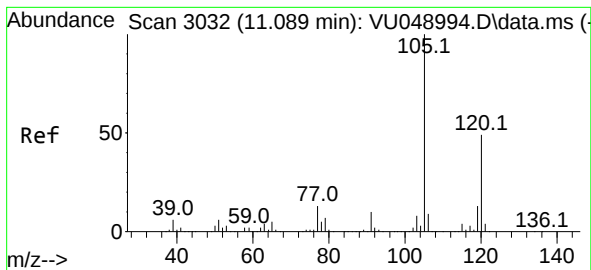
Tgt Ion: 75 Resp: 201902
Ion Ratio Lower Upper
75 100
77 33.3 26.6 40.0
110 37.8 30.2 45.4



#61
Isopropylbenzene
Concen: 55.458 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion: 105 Resp: 589070
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.9 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 75.169 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

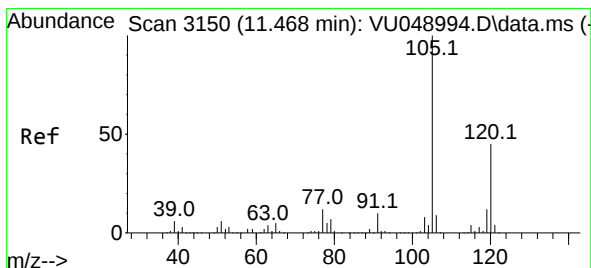
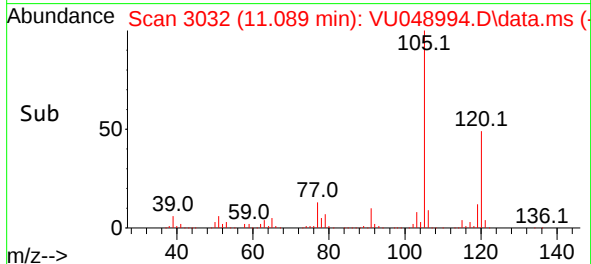
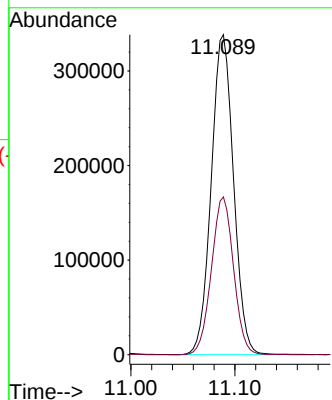
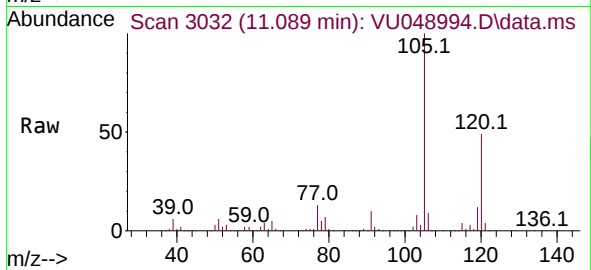
VSTD050076

Tgt Ion:105 Resp: 504089

Ion Ratio Lower Upper

105 100

120 48.9 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 44.315 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048994.D

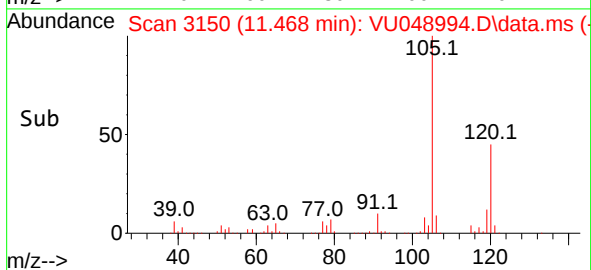
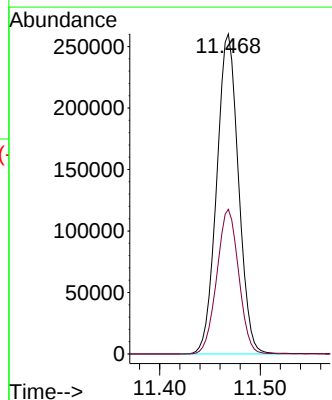
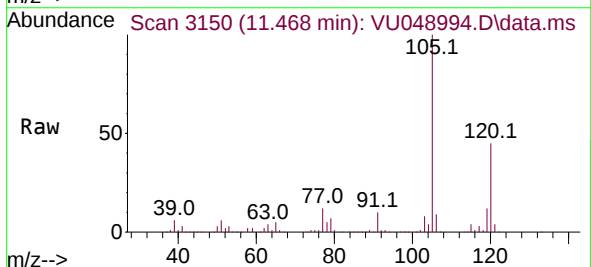
Acq: 10 Jun 2022 13:31

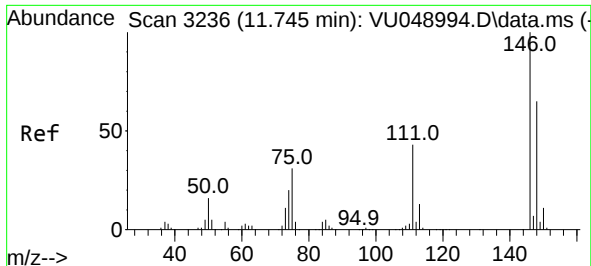
Tgt Ion:105 Resp: 391811

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5

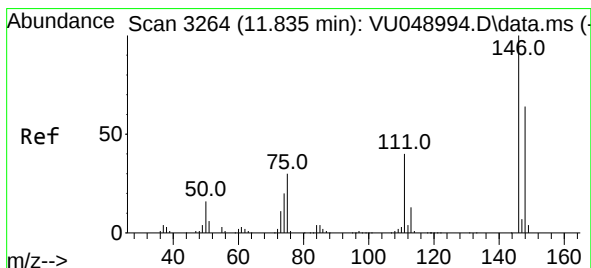
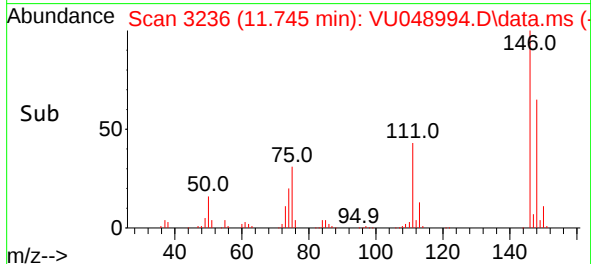
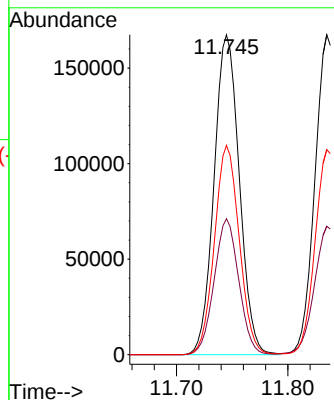
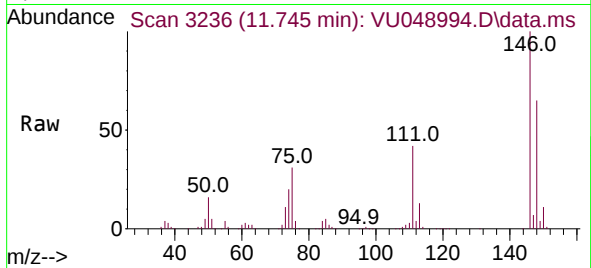




#64
1,3-Dichlorobenzene
Concen: 48.992 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

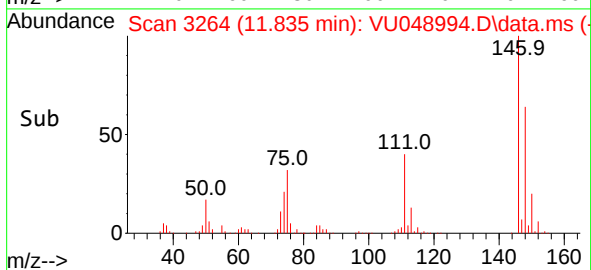
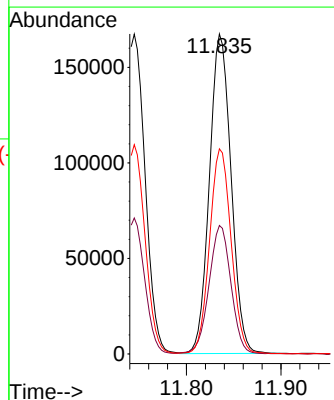
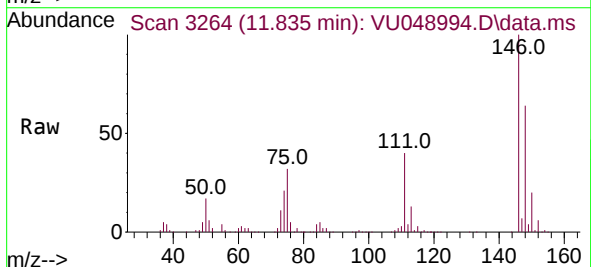
Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

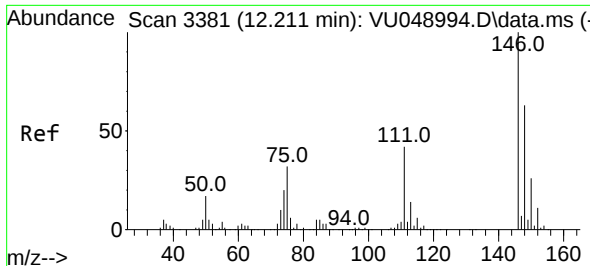
Tgt Ion:146 Resp: 263726
Ion Ratio Lower Upper
146 100
111 42.5 29.8 55.3
148 65.4 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 47.643 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion:146 Resp: 265928
Ion Ratio Lower Upper
146 100
111 40.1 28.1 52.1
148 64.1 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 51.062 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD050076

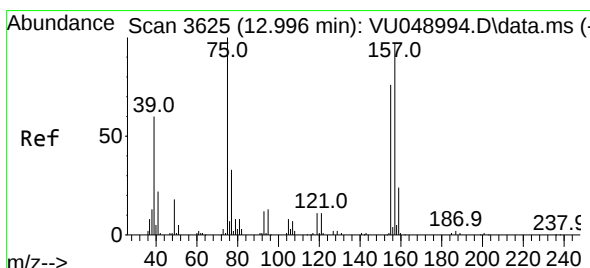
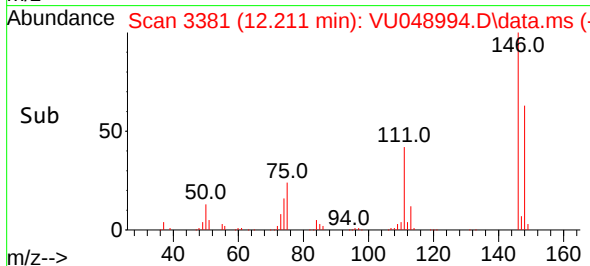
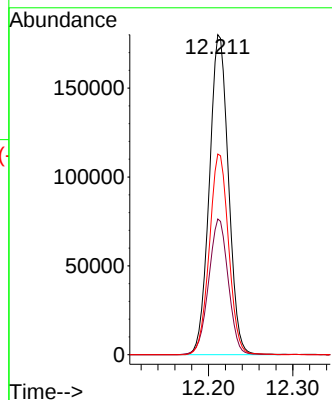
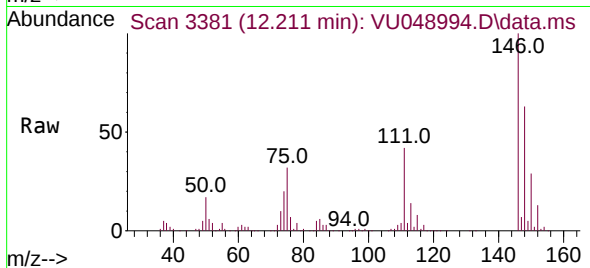
Tgt Ion:146 Resp: 283469

Ion Ratio Lower Upper

146 100

111 42.4 33.9 50.9

148 62.7 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 51.252 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU048994.D

Acq: 10 Jun 2022 13:31

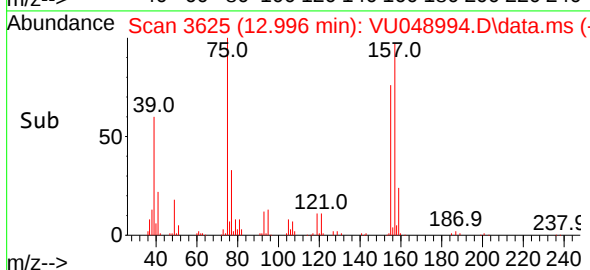
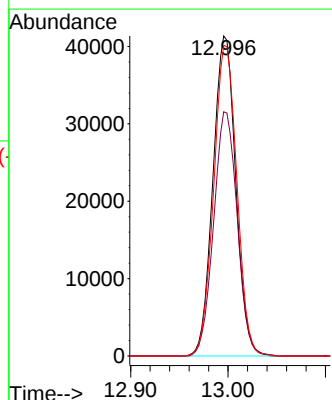
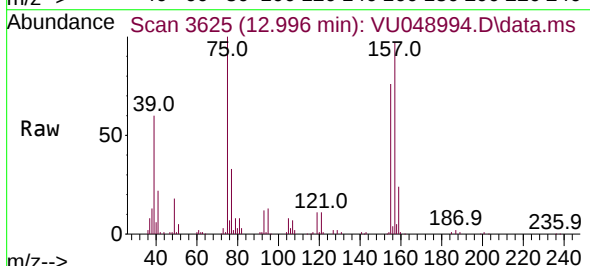
Tgt Ion: 75 Resp: 67296

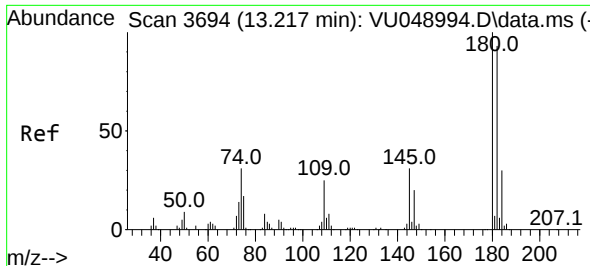
Ion Ratio Lower Upper

75 100

155 76.3 61.0 91.6

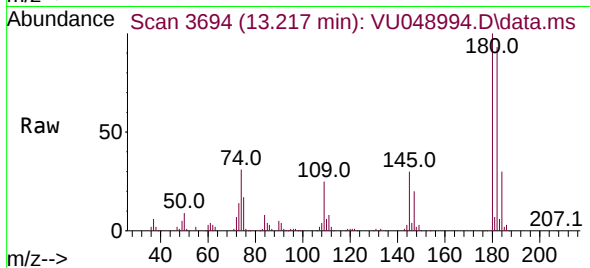
157 97.0 77.6 116.4



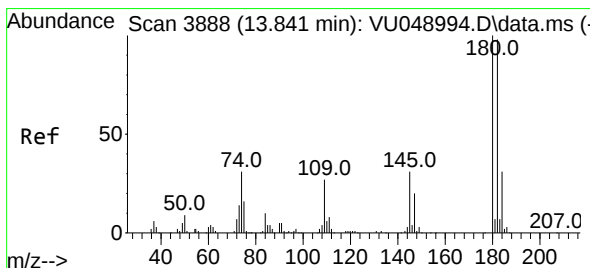
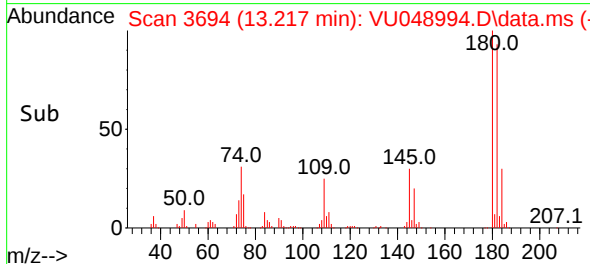
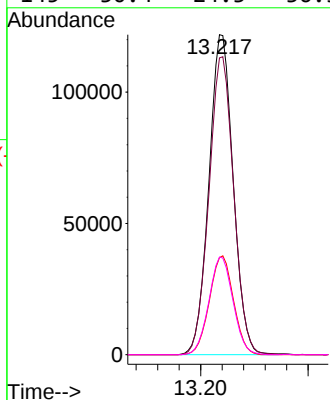


#69
 1,3,5-Trichlorobenzene
 Concen: 45.239 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU048994.D
 Acq: 10 Jun 2022 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050076

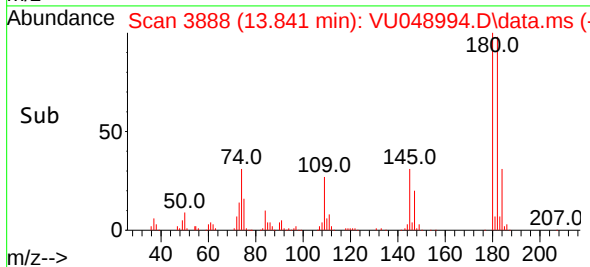
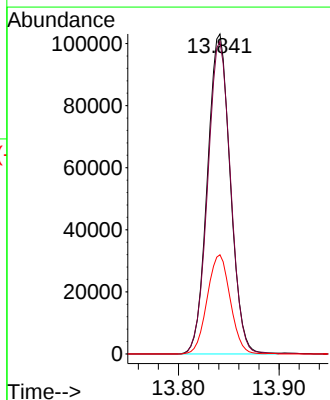
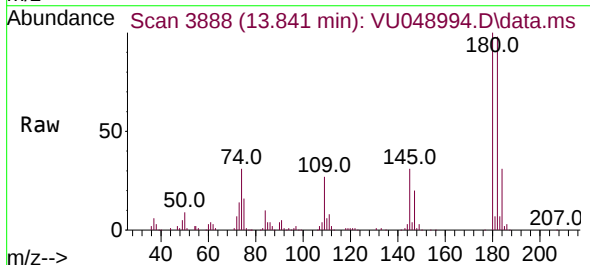


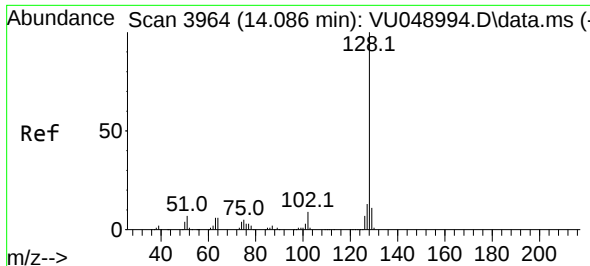
Tgt Ion:180 Resp: 190812
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.0 114.0
 184 30.6 24.5 36.7
 145 30.4 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 43.208 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048994.D
 Acq: 10 Jun 2022 13:31

Tgt Ion:180 Resp: 162842
 Ion Ratio Lower Upper
 180 100
 182 97.7 78.2 117.2
 145 31.2 25.0 37.4

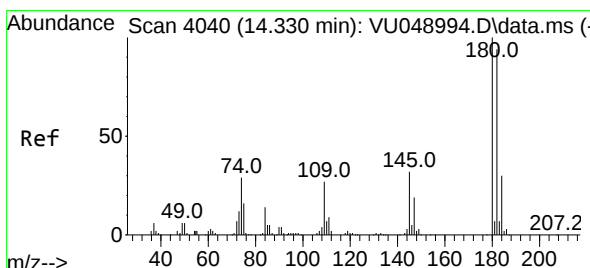
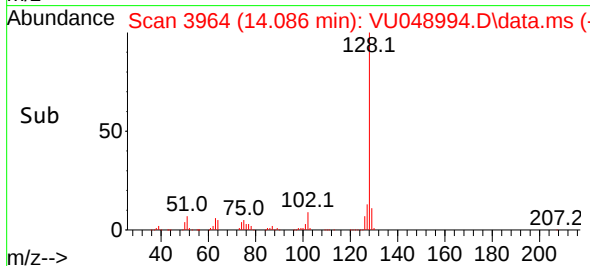
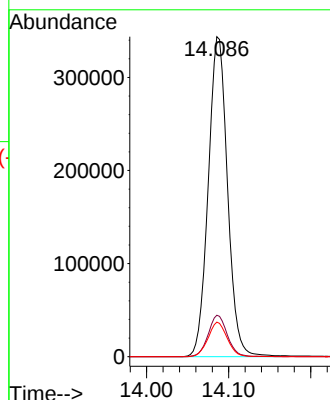
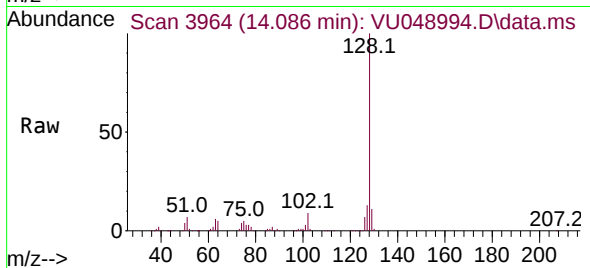




#71
Naphthalene
Concen: 44.583 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD050076

Tgt Ion:128 Resp: 561316
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 45.282 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048994.D
Acq: 10 Jun 2022 13:31

Tgt Ion:180 Resp: 173255
Ion Ratio Lower Upper
180 100
182 96.6 77.3 115.9
145 32.9 26.3 39.5

