

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061222\
 Data File : U049080.D
 Acq On : 12 Jun 2022 10:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050148

Quant Time: Jun 13 04:59:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 11 04:33:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	250858	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	249753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133717	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79573	51.490	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.980%	
7) Chloroethane-d5	1.900	69	59339	52.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 104.600%	
11) 1,1-Dichloroethene-d2	2.565	63	151298	51.884	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.760%	
21) 2-Butanone-d5	4.620	46	157897	93.189	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 93.190%	
24) Chloroform-d	5.063	84	181154	54.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.900%	
26) 1,2-Dichloroethane-d4	5.700	65	118712	55.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.160%	
32) Benzene-d6	5.726	84	327552	52.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.780%	
36) 1,2-Dichloropropane-d6	6.690	67	109124	52.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 104.820%	
41) Toluene-d8	7.899	98	294678	53.953	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.900%	
43) trans-1,3-Dichloroprop...	8.179	79	47051	48.038	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 96.080%	
47) 2-Hexanone-d5	8.632	63	102762	94.309	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 94.310%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	182520	52.489	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 104.980%	
66) 1,2-Dichlorobenzene-d4	12.195	152	127196	54.670	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.340%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	119829	54.130	ug/L	100
3) Chloromethane	1.520	50	105973	45.415	ug/L	98
5) Vinyl chloride	1.604	62	107295	48.505	ug/L	98
6) Bromomethane	1.838	94	59316	48.477	ug/L	100
8) Chloroethane	1.922	64	59855	48.447	ug/L	96
9) Trichlorofluoromethane	2.134	101	162989	52.353	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	88814	50.255	ug/L	98
12) 1,1-Dichloroethene	2.578	96	79093	51.128	ug/L	95
13) Acetone	2.623	43	122801	92.104	ug/L	99
14) Carbon disulfide	2.790	76	189149	48.082	ug/L	99
15) Methyl Acetate	2.945	43	132018	49.923	ug/L	99
16) Methylene chloride	3.044	84	101569	50.419	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	87261	51.302	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	314555	49.434	ug/L	100
19) 1,1-Dichloroethane	3.867	63	185616	50.655	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	101745	49.167	ug/L	99
22) 2-Butanone	4.700	43	186503	91.025	ug/L	98
23) Bromochloromethane	4.973	128	57646	53.076	ug/L	96
25) Chloroform	5.089	83	201039	52.644	ug/L	99

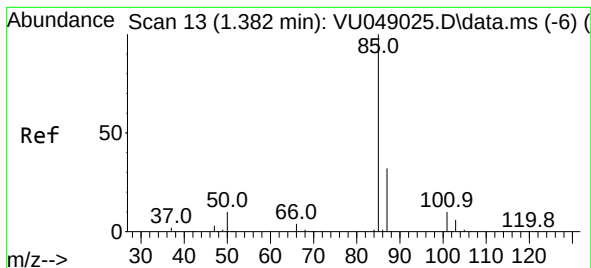
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	158794	51.080	ug/L	100
29) Cyclohexane	5.388	56	129232	46.236	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	174789	50.183	ug/L	98
31) Carbon tetrachloride	5.523	117	158559	52.052	ug/L	99
33) Benzene	5.774	78	397163	49.085	ug/L	100
34) Trichloroethene	6.542	95	99484	48.777	ug/L	97
35) Methylcyclohexane	6.761	83	139954	49.159	ug/L	100
37) 1,2-Dichloropropane	6.790	63	112171	49.161	ug/L	100
38) Bromodichloromethane	7.105	83	153952	50.819	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	150643	44.869	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	358065	93.146	ug/L	98
42) Toluene	7.970	91	435569	52.081	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	150553	45.286	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	111513	50.436	ug/L	98
46) Tetrachloroethene	8.552	164	79396	50.211	ug/L	97
48) 2-Hexanone	8.684	43	297703	95.261	ug/L	99
49) Dibromochloromethane	8.809	129	127655	51.856	ug/L	98
50) 1,2-Dibromoethane	8.925	107	117832	50.659	ug/L	97
51) Chlorobenzene	9.446	112	284211	50.273	ug/L	99
52) Ethylbenzene	9.571	91	451942	49.701	ug/L	97
53) m,p-Xylene	9.693	106	186049	52.102	ug/L	99
54) o-Xylene	10.102	106	186339	51.794	ug/L	100
55) Styrene	10.115	104	318174	52.958	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	204410	49.610	ug/L	98
59) Bromoform	10.291	173	100785	51.072	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	167396	49.354	ug/L	99
61) Isopropylbenzene	10.484	105	472912	52.066	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	403992	52.098	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	314921	51.010	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	223485	50.159	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	224075	49.672	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	237261	51.313	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	53497	47.788	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	161692	50.800	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	127675	47.435	ug/L	98
71) Naphthalene	14.086	128	403397	42.363	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	142985	50.222	ug/L	99

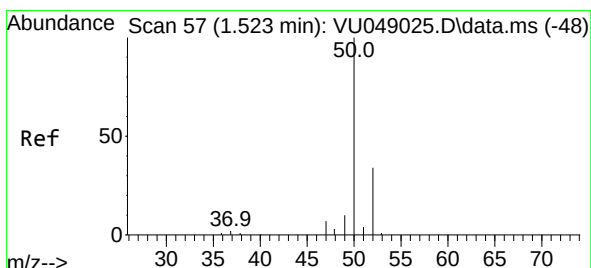
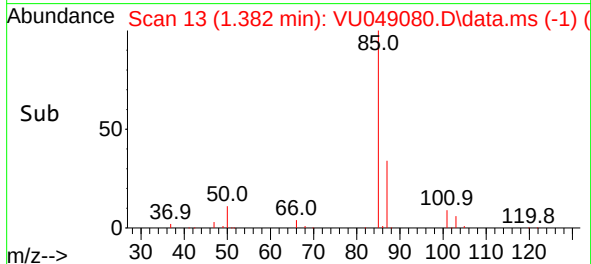
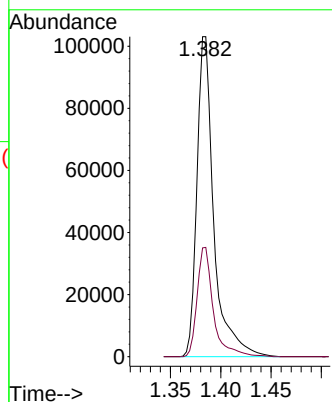
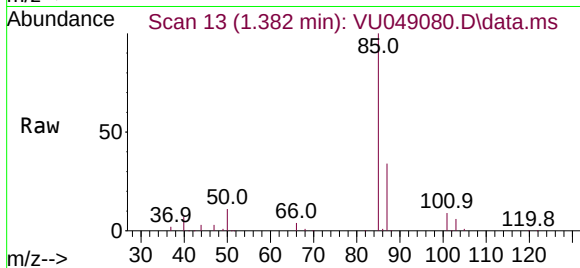
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 54.130 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

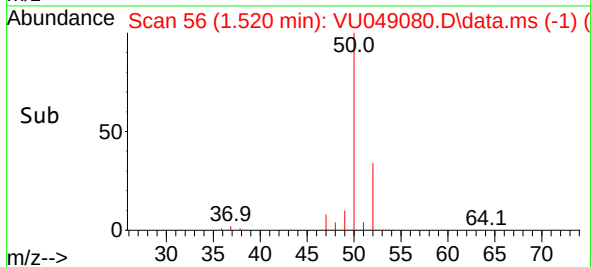
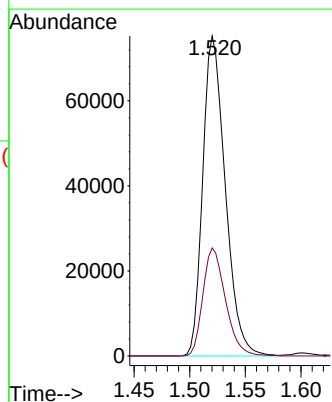
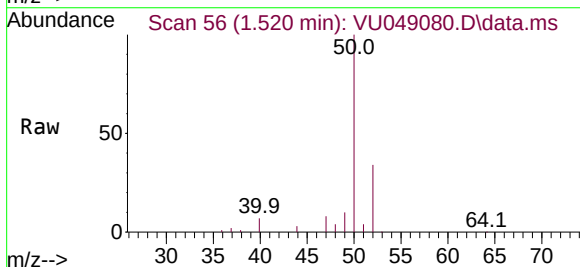
Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

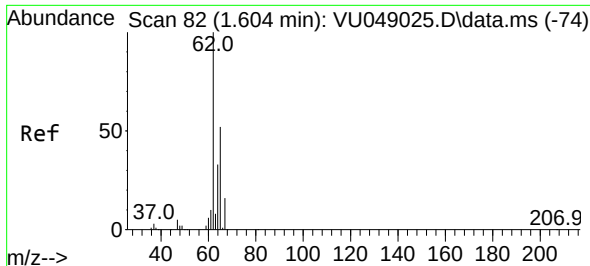
Tgt Ion: 85 Resp: 119829
Ion Ratio Lower Upper
85 100
87 33.1 26.3 39.5



#3
Chloromethane
Concen: 45.415 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion: 50 Resp: 105973
Ion Ratio Lower Upper
50 100
52 33.7 22.7 42.1

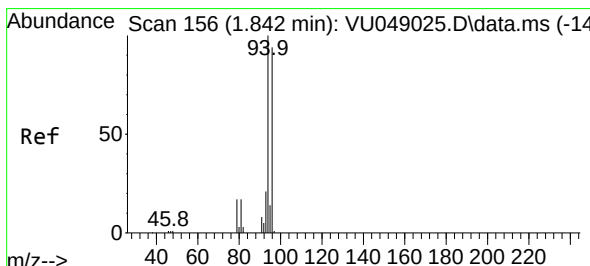
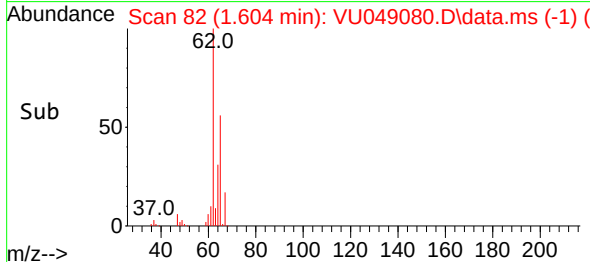
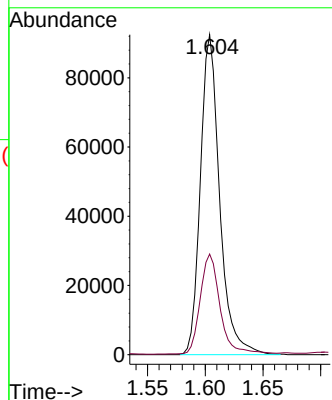
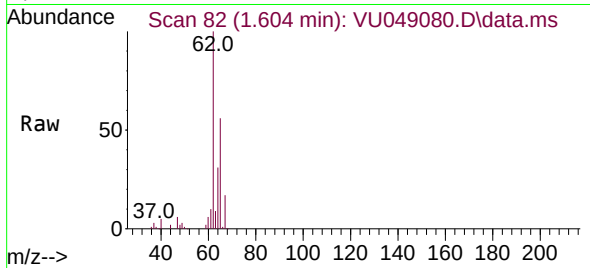




#5
 Vinyl chloride
 Concen: 48.505 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049080.D
 Acq: 12 Jun 2022 10:30

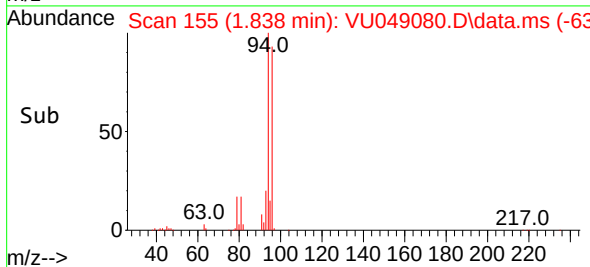
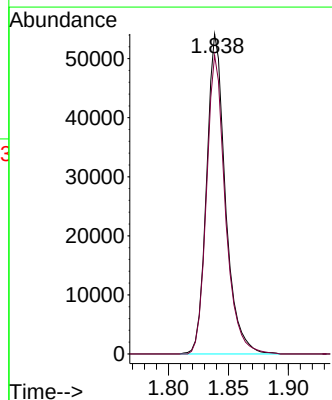
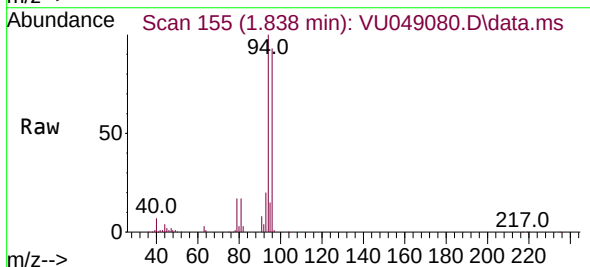
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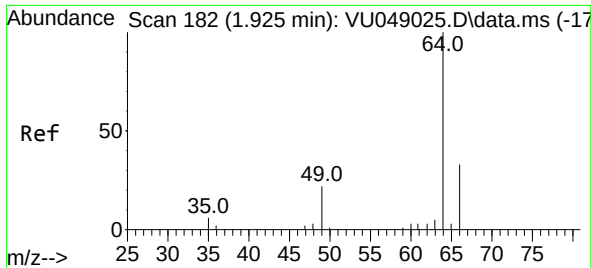
Tgt Ion: 62 Resp: 107295
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.7 42.3



#6
 Bromomethane
 Concen: 48.477 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. -0.003 min
 Lab File: VU049080.D
 Acq: 12 Jun 2022 10:30

Tgt Ion: 94 Resp: 59316
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.1 120.9

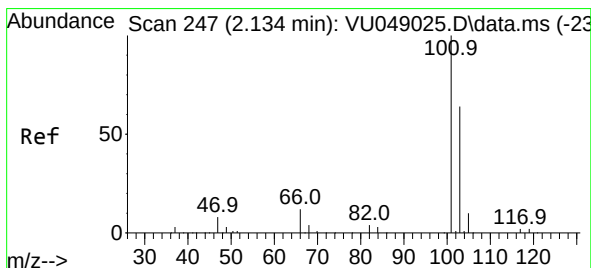
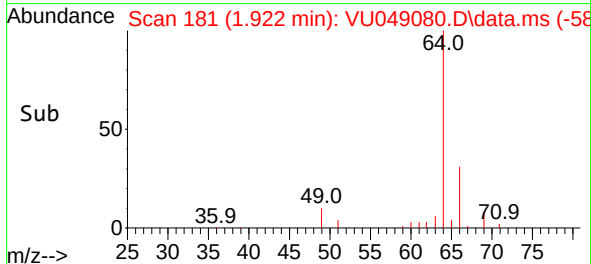
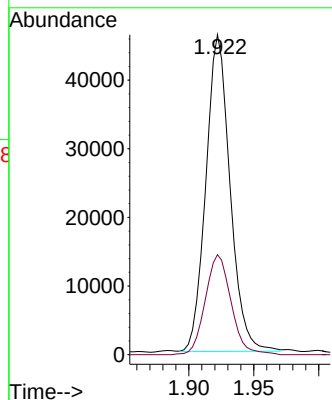
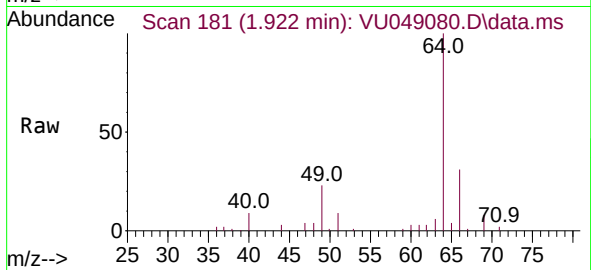




#8
Chloroethane
Concen: 48.447 ug/L
RT: 1.922 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

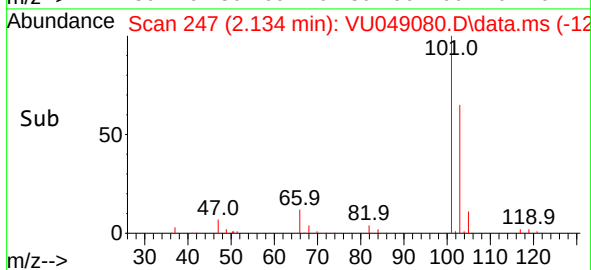
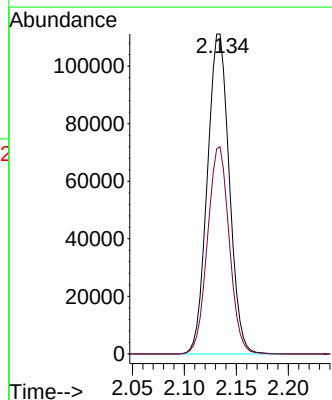
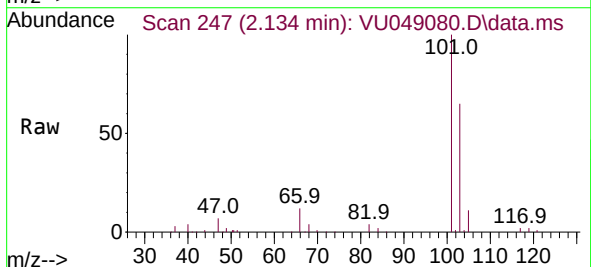
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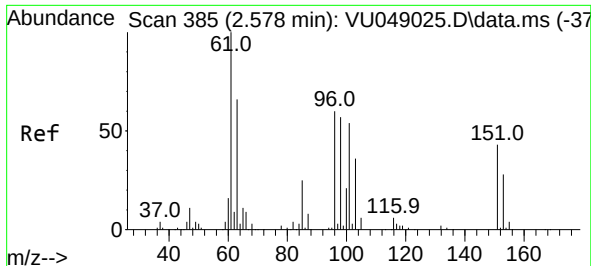
Tgt Ion: 64 Resp: 59855
Ion Ratio Lower Upper
64 100
66 31.2 23.7 43.9



#9
Trichlorofluoromethane
Concen: 52.353 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion:101 Resp: 162989
Ion Ratio Lower Upper
101 100
103 64.2 51.3 76.9

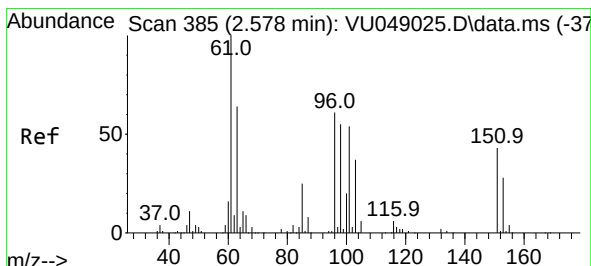
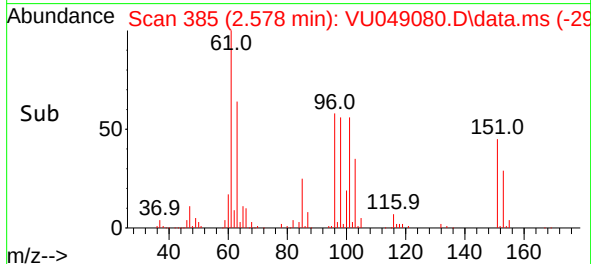
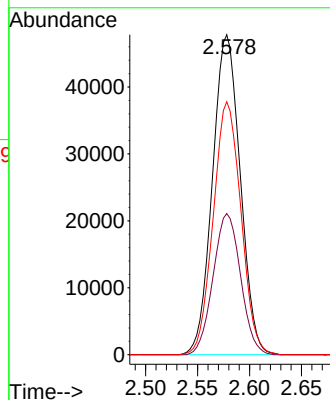
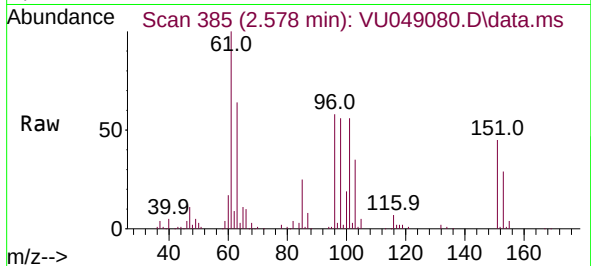




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.255 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049080.D
 Acq: 12 Jun 2022 10:30

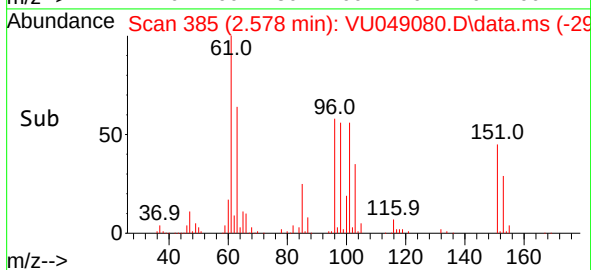
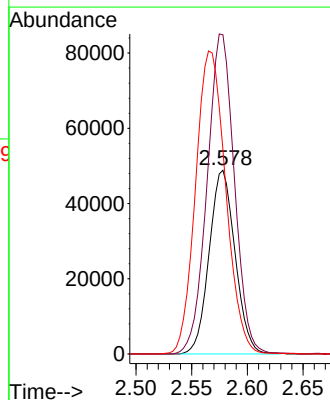
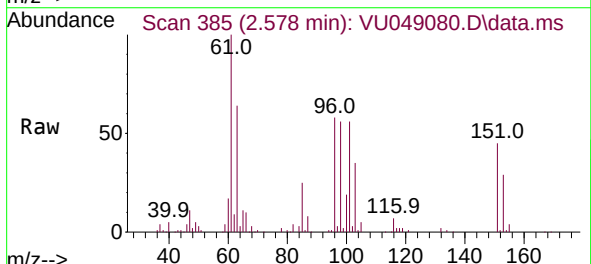
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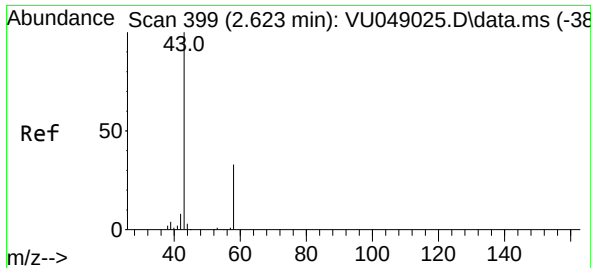
Tgt Ion:101 Resp: 88814
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.2 52.8
 151 78.9 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 51.128 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049080.D
 Acq: 12 Jun 2022 10:30

Tgt Ion: 96 Resp: 79093
 Ion Ratio Lower Upper
 96 100
 61 173.8 123.5 229.3
 63 111.3 86.0 159.8





#13

Acetone

Concen: 92.104 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

Instrument :

MSVOA_U

ClientSampleId :

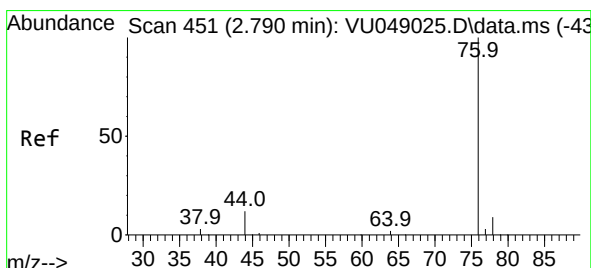
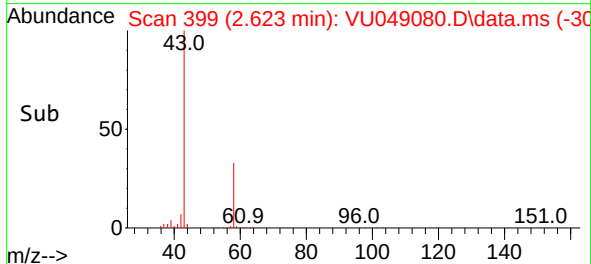
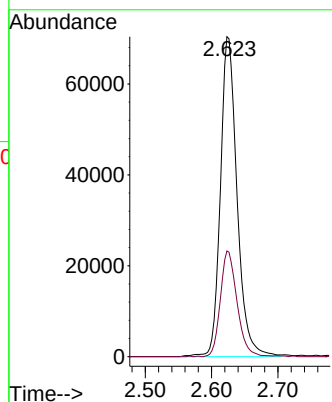
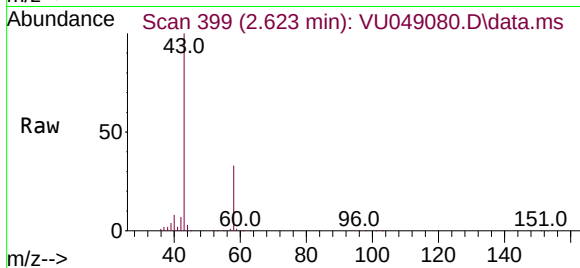
VSTD050148

Tgt Ion: 43 Resp: 122801

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.4



#14

Carbon disulfide

Concen: 48.082 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049080.D

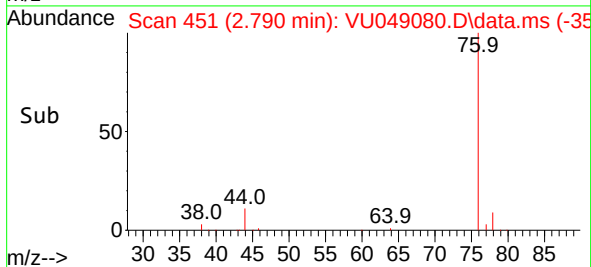
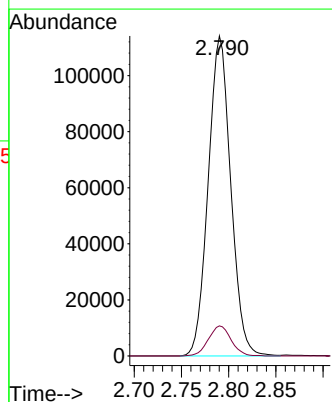
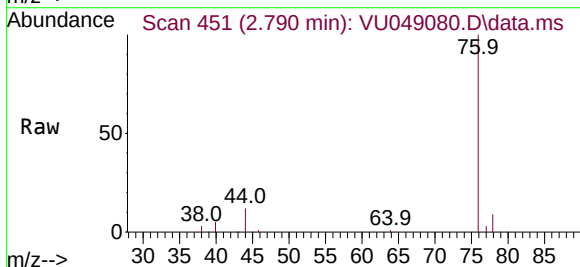
Acq: 12 Jun 2022 10:30

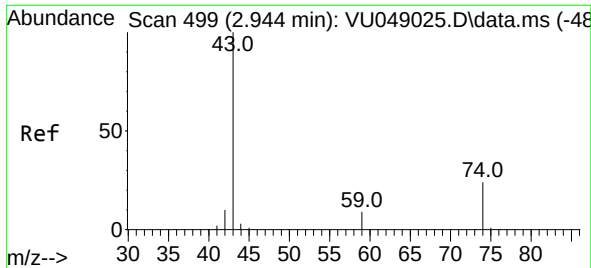
Tgt Ion: 76 Resp: 189149

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

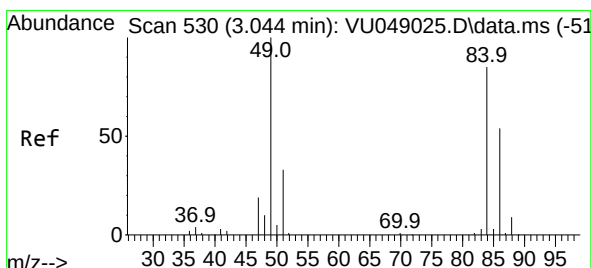
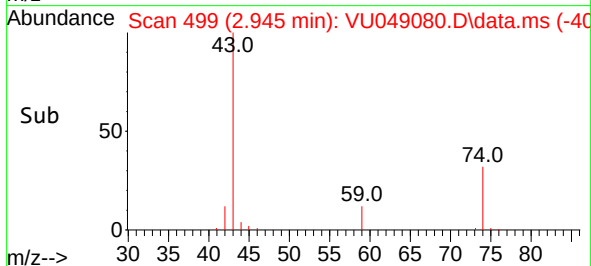
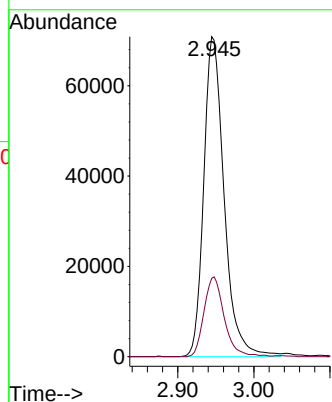
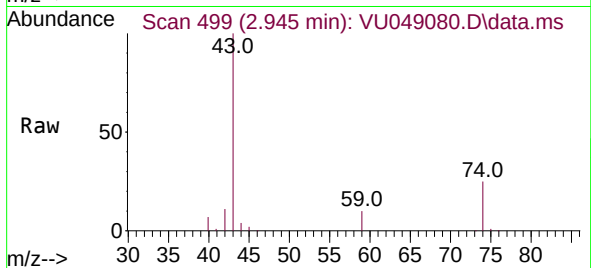




#15
Methyl Acetate
Concen: 49.923 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

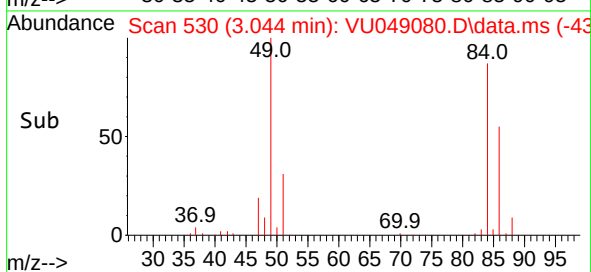
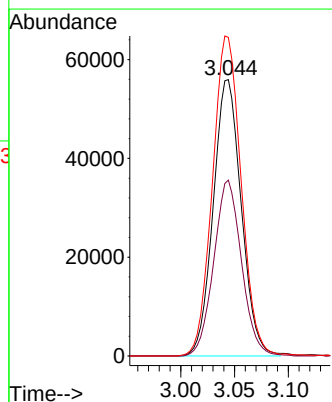
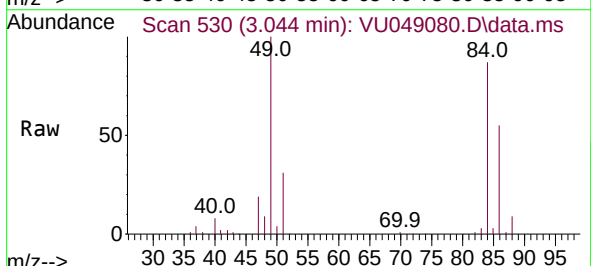
Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

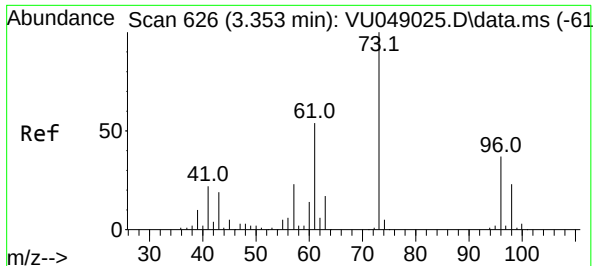
Tgt Ion: 43 Resp: 132018
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.6



#16
Methylene chloride
Concen: 50.419 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion: 84 Resp: 101569
Ion Ratio Lower Upper
84 100
86 63.6 45.8 85.0
49 115.3 83.4 155.0





#17

trans-1,2-Dichloroethene

Concen: 51.302 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD050148

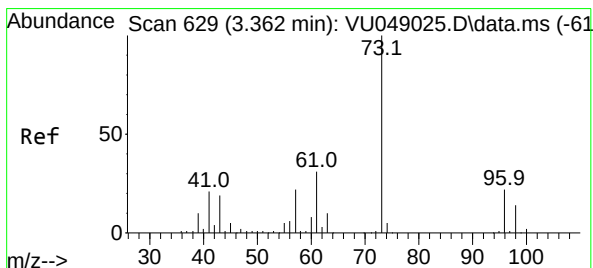
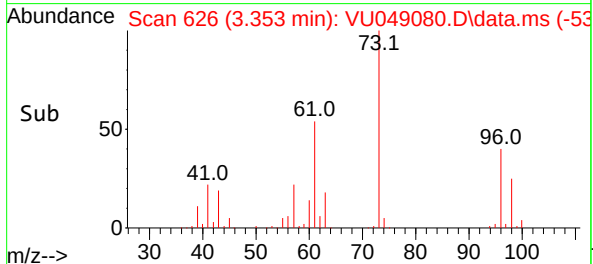
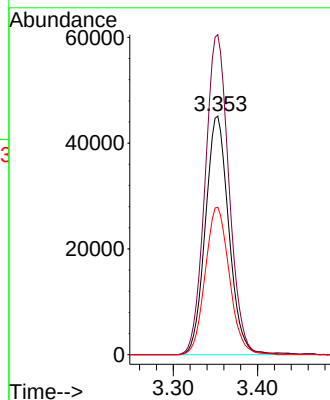
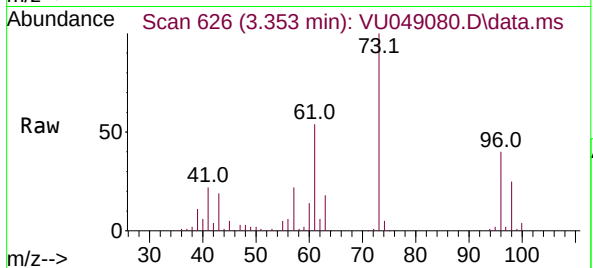
Tgt Ion: 96 Resp: 87261

Ion Ratio Lower Upper

96 100

61 134.2 99.3 184.3

98 61.8 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 49.434 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

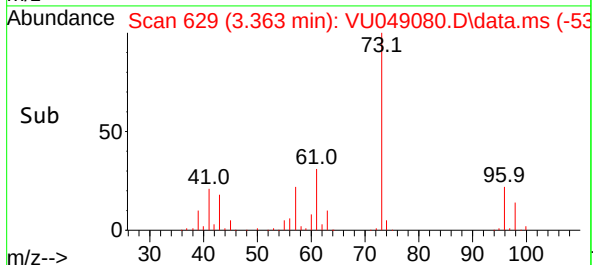
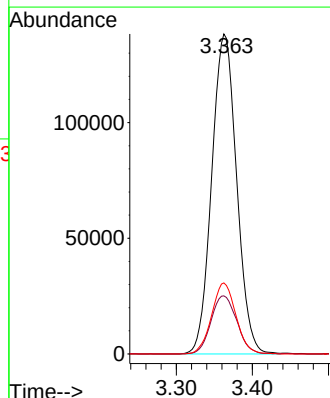
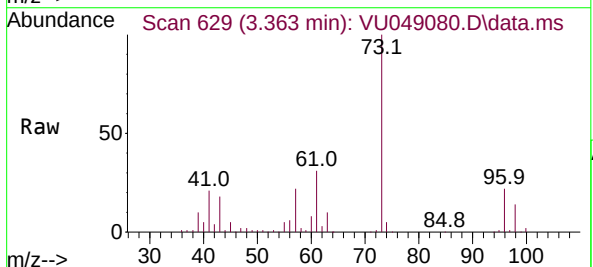
Tgt Ion: 73 Resp: 314555

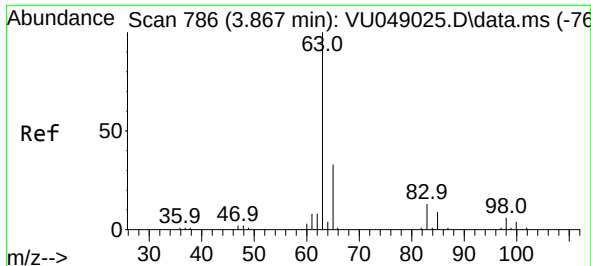
Ion Ratio Lower Upper

73 100

43 18.9 15.0 22.4

57 21.7 17.3 25.9





#19

1,1-Dichloroethane

Concen: 50.655 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD050148

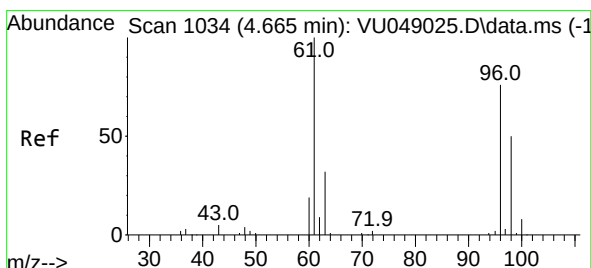
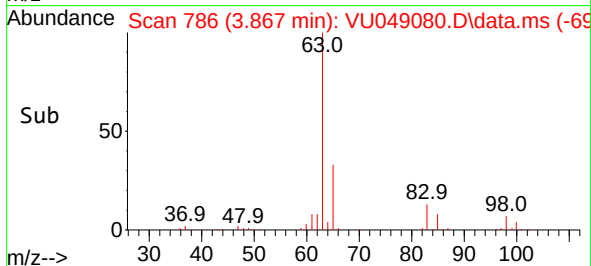
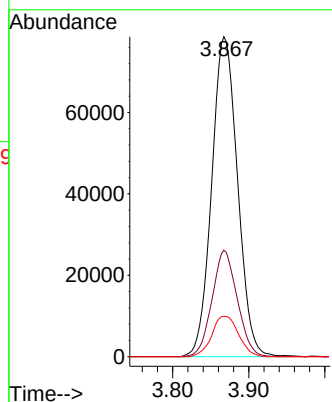
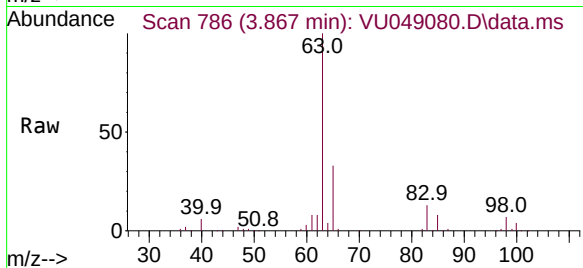
Tgt Ion: 63 Resp: 185616

Ion Ratio Lower Upper

63 100

65 33.3 22.3 41.5

83 12.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 49.167 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

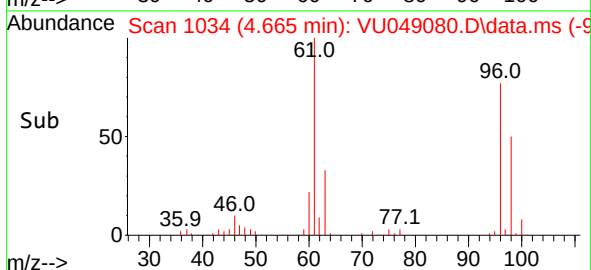
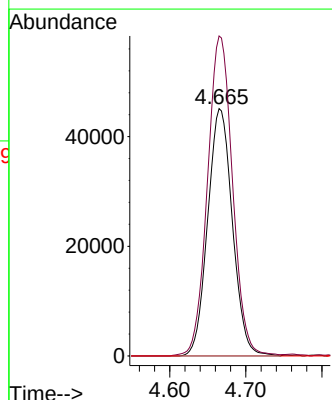
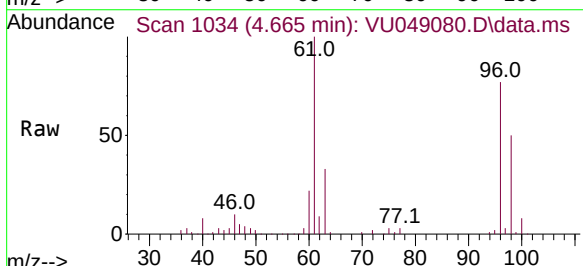
Tgt Ion: 96 Resp: 101745

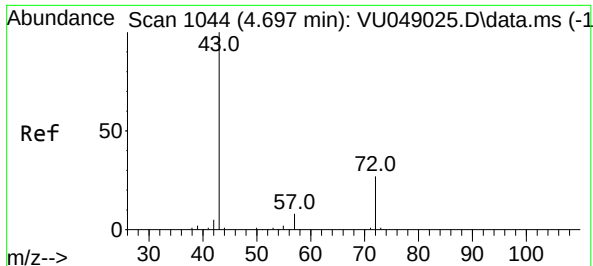
Ion Ratio Lower Upper

96 100

61 129.3 91.6 170.2

68 0.0 0.0 0.0

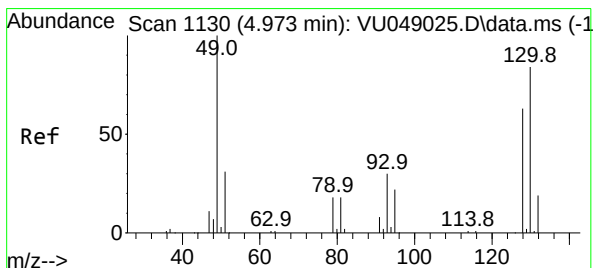
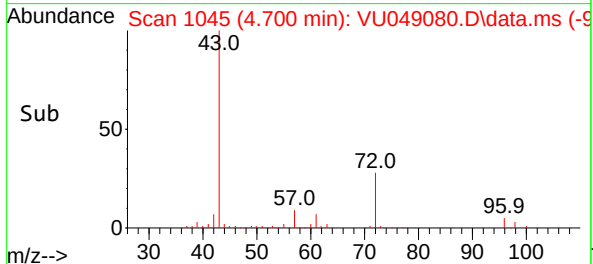
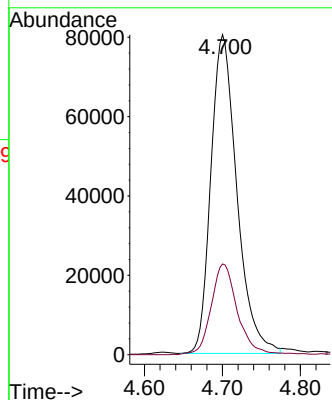
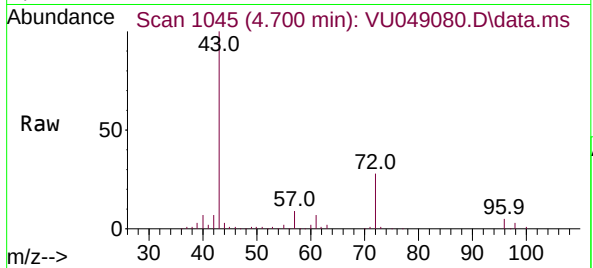




#22
2-Butanone
Concen: 91.025 ug/L
RT: 4.700 min Scan# 1044
Delta R.T. 0.003 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

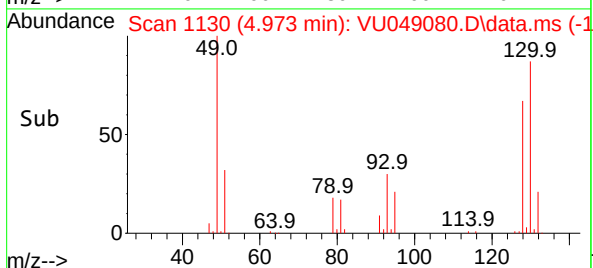
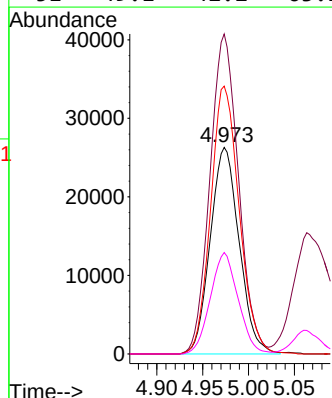
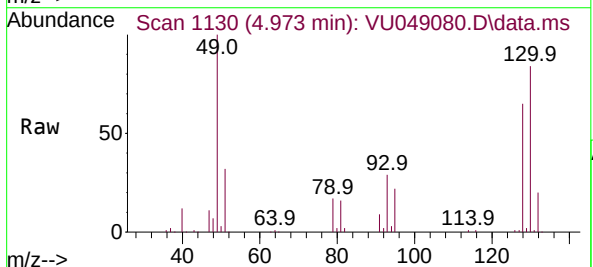
Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

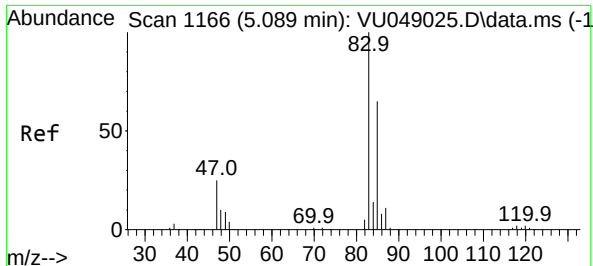
Tgt Ion: 43 Resp: 186503
Ion Ratio Lower Upper
43 100
72 28.6 13.7 41.0



#23
Bromochloromethane
Concen: 53.076 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion: 128 Resp: 57646
Ion Ratio Lower Upper
128 100
49 154.9 111.9 207.9
130 129.7 88.6 164.6
51 49.1 42.2 63.2





#25

Chloroform

Concen: 52.644 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

Instrument :

MSVOA_U

ClientSampleId :

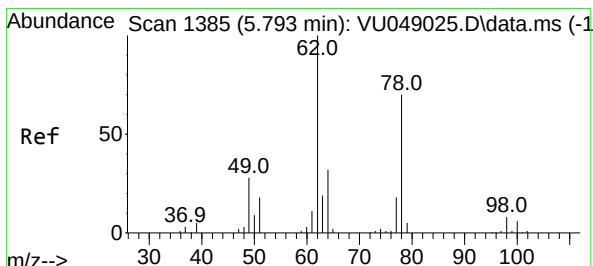
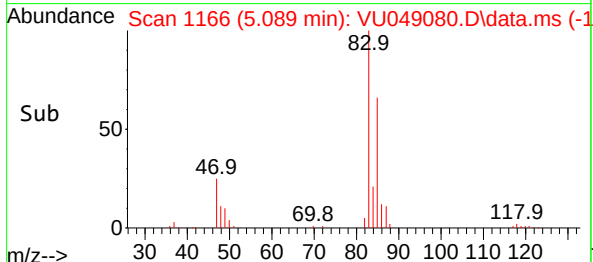
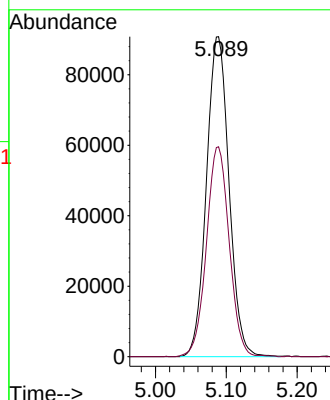
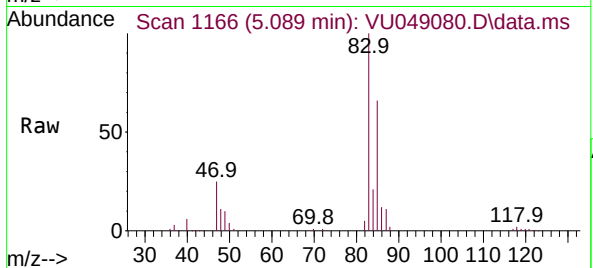
VSTD050148

Tgt Ion: 83 Resp: 201039

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.9



#27

1,2-Dichloroethane

Concen: 51.080 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU049080.D

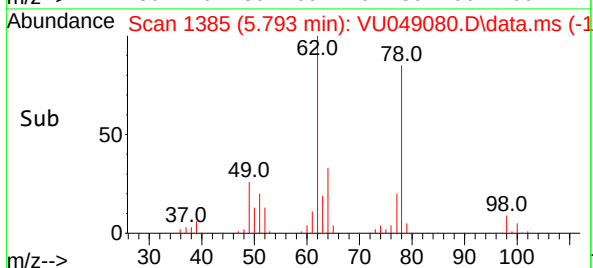
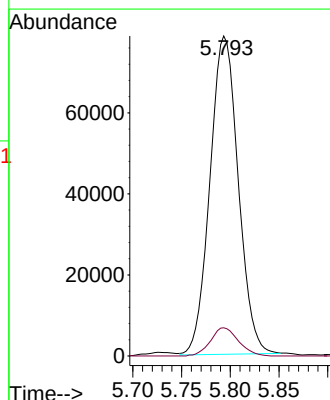
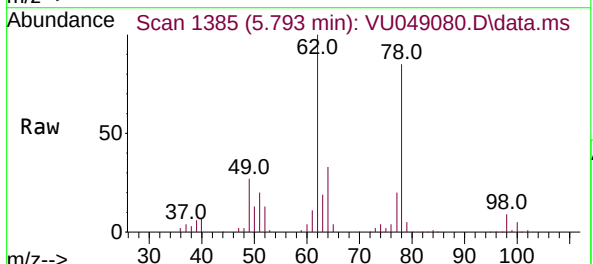
Acq: 12 Jun 2022 10:30

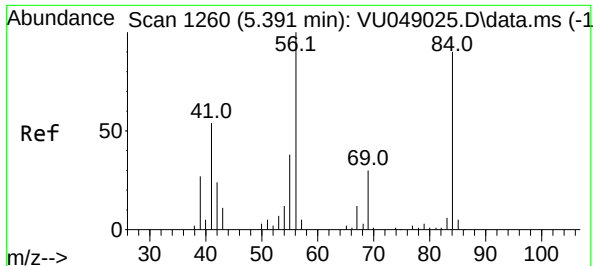
Tgt Ion: 62 Resp: 158794

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.4





#29

Cyclohexane

Concen: 46.236 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD050148

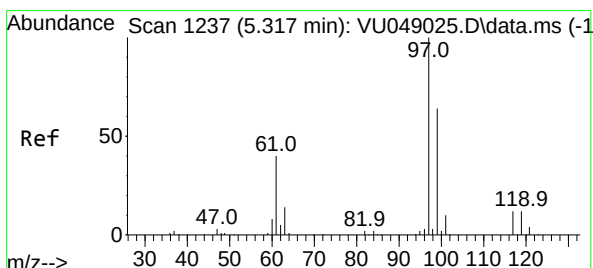
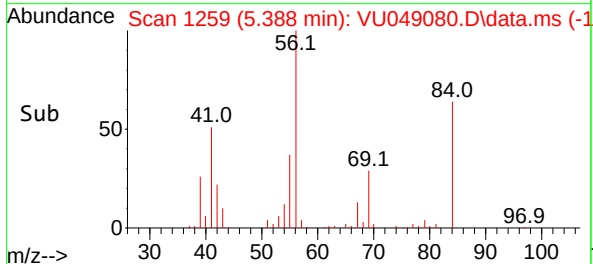
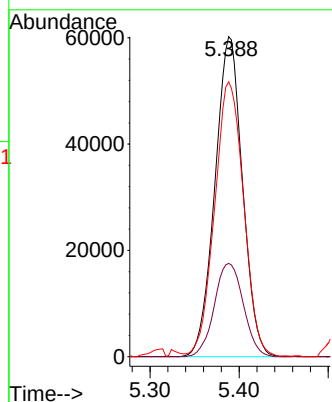
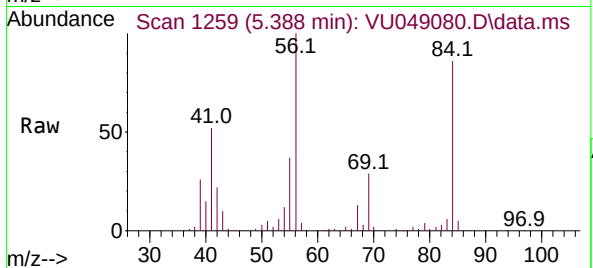
Tgt Ion: 56 Resp: 129232

Ion Ratio Lower Upper

56 100

69 30.7 24.6 36.8

84 90.6 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 50.183 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

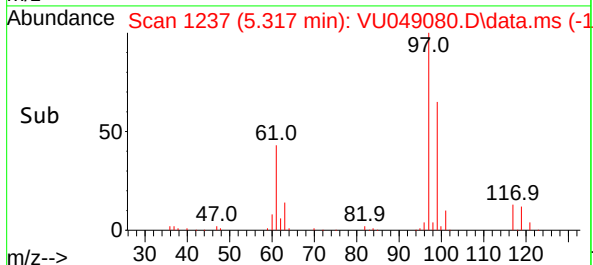
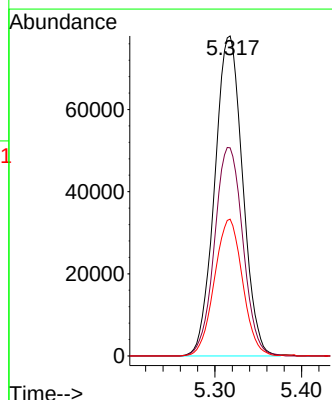
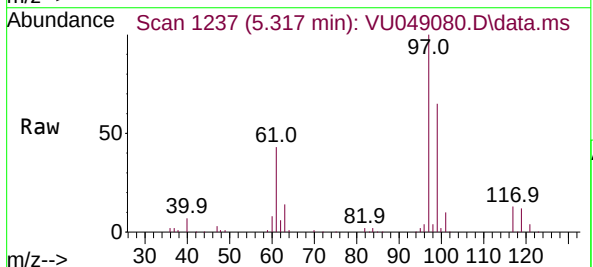
Tgt Ion: 97 Resp: 174789

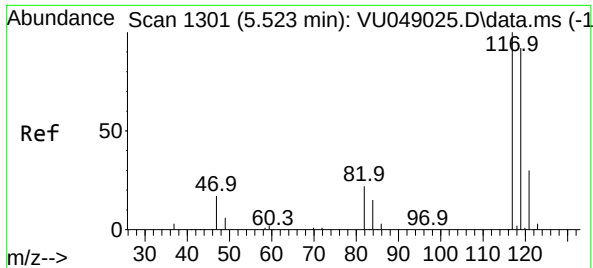
Ion Ratio Lower Upper

97 100

99 66.2 50.9 76.3

61 43.0 34.2 51.2

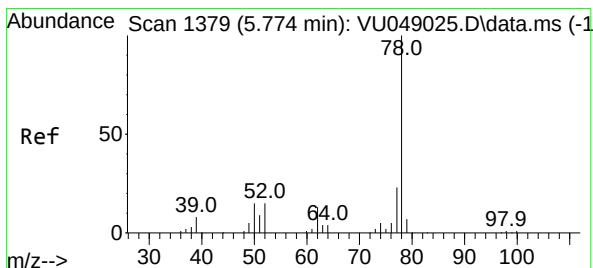
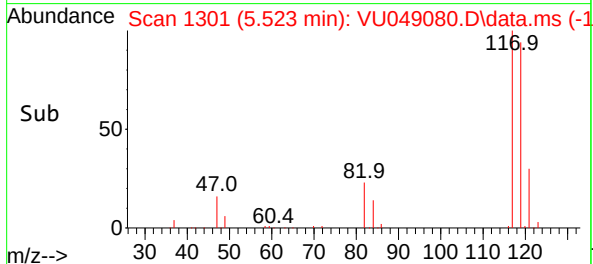
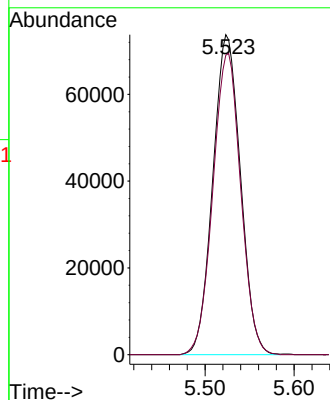
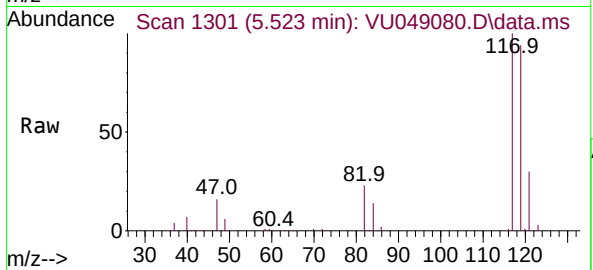




#31
Carbon tetrachloride
Concen: 52.052 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

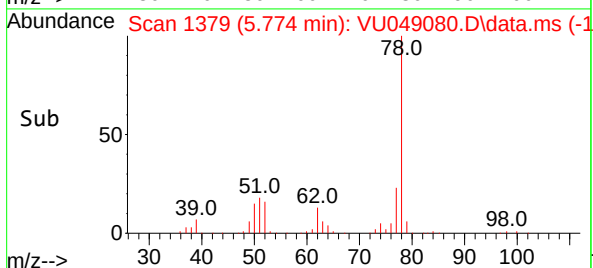
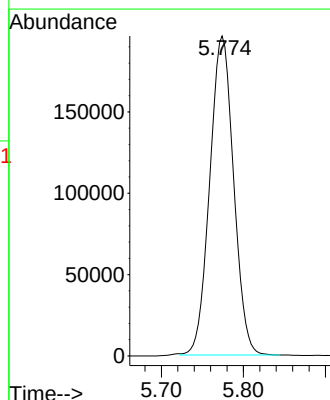
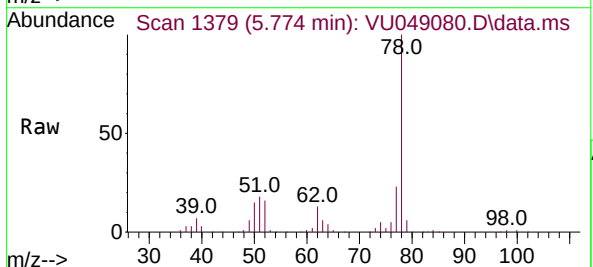
Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

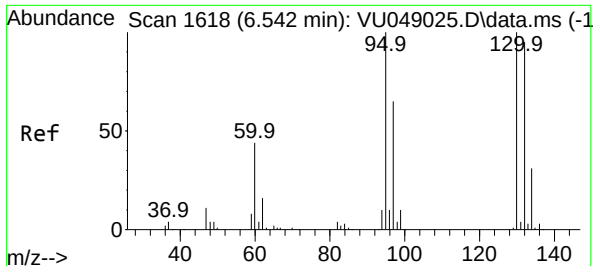
Tgt Ion:117 Resp: 158559
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7



#33
Benzene
Concen: 49.085 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion: 78 Resp: 397163

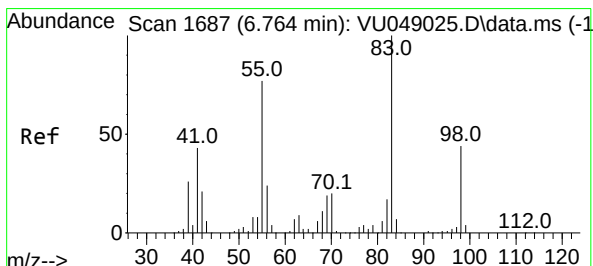
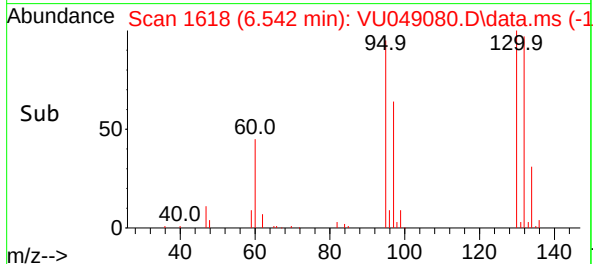
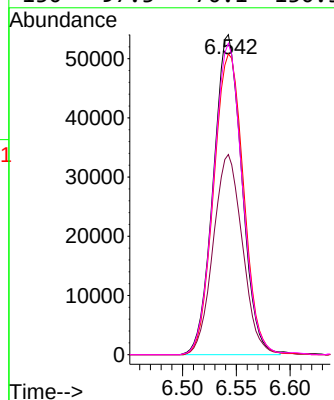
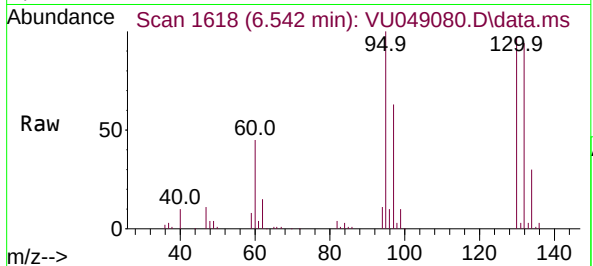




#34
Trichloroethene
Concen: 48.777 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

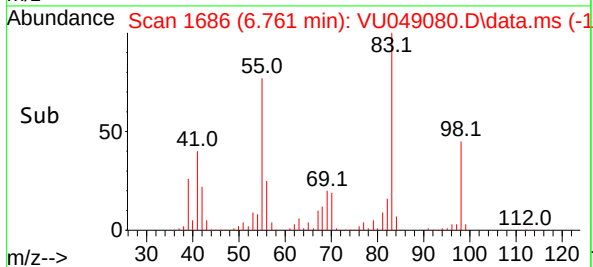
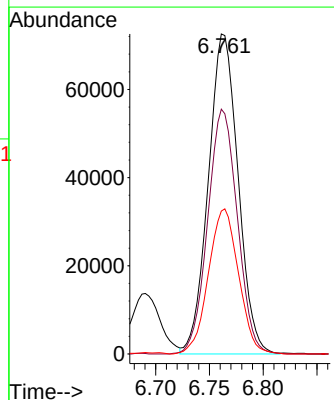
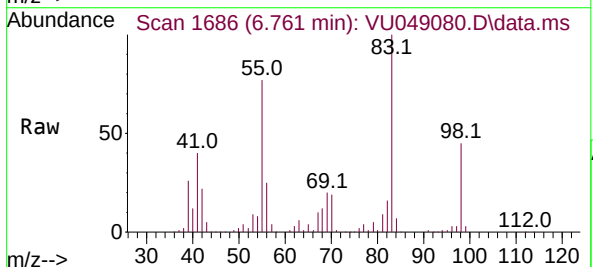
Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

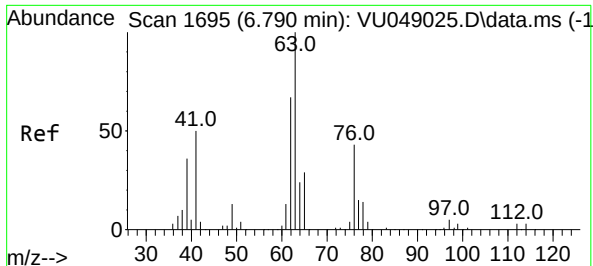
Tgt Ion: 95 Resp: 99484
Ion Ratio Lower Upper
95 100
97 62.6 45.4 84.4
132 94.0 67.6 125.6
130 97.3 70.1 130.3



#35
Methylcyclohexane
Concen: 49.159 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion: 83 Resp: 139954
Ion Ratio Lower Upper
83 100
55 76.2 61.0 91.6
98 45.9 36.8 55.2





#37

1,2-Dichloropropane

Concen: 49.161 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

Instrument :

MSVOA_U

ClientSampleId :

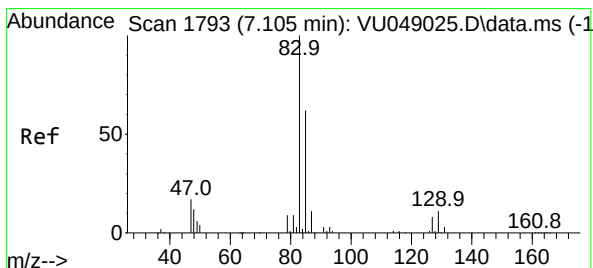
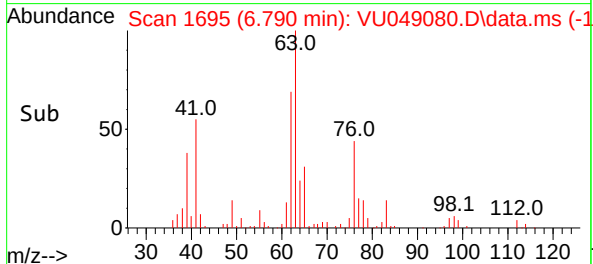
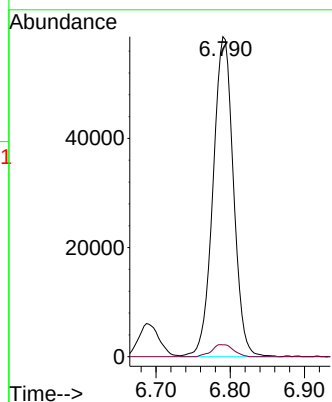
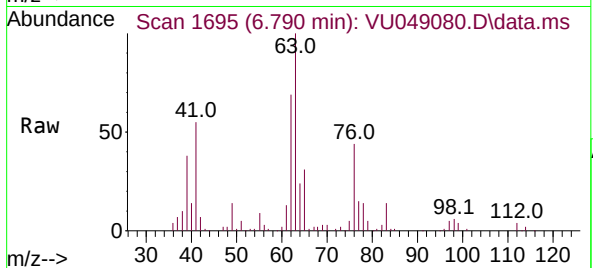
VSTD050148

Tgt Ion: 63 Resp: 112171

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 50.819 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

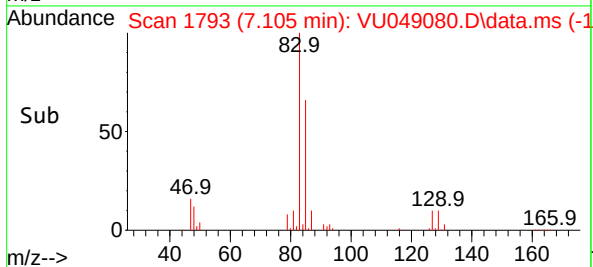
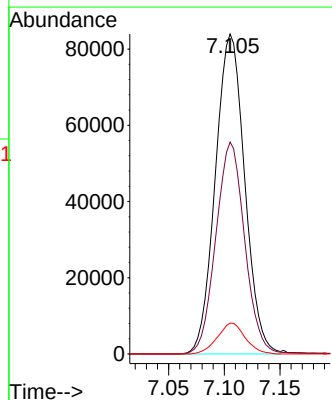
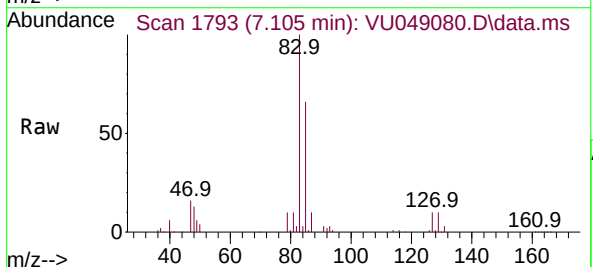
Tgt Ion: 83 Resp: 153952

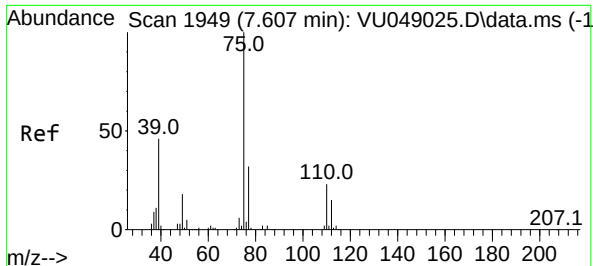
Ion Ratio Lower Upper

83 100

85 66.2 44.0 81.6

127 9.7 6.9 10.3

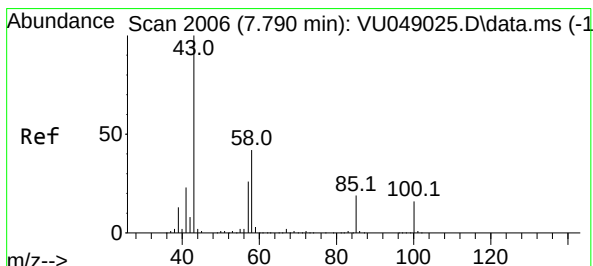
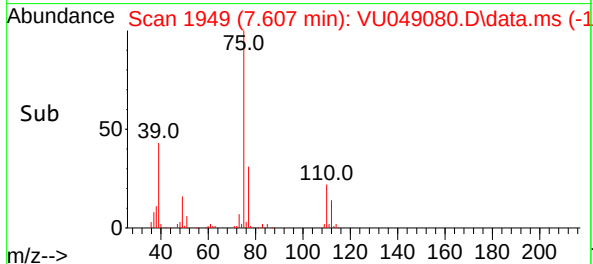
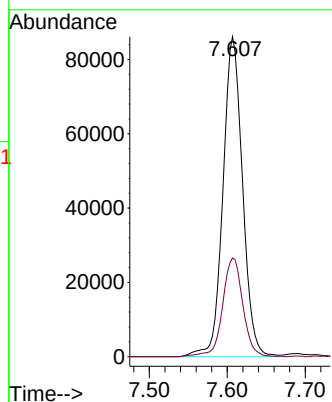
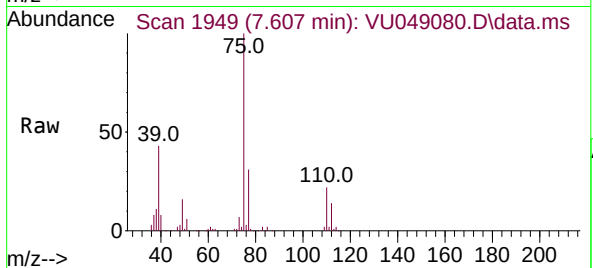




#39
 cis-1,3-Dichloropropene
 Concen: 44.869 ug/L
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU049080.D
 Acq: 12 Jun 2022 10:30

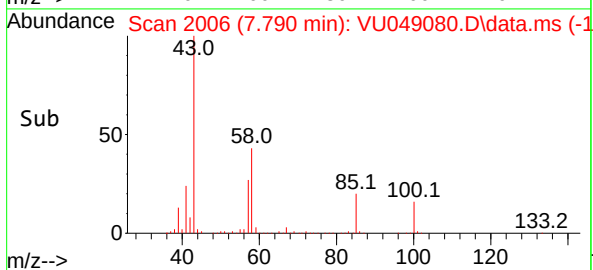
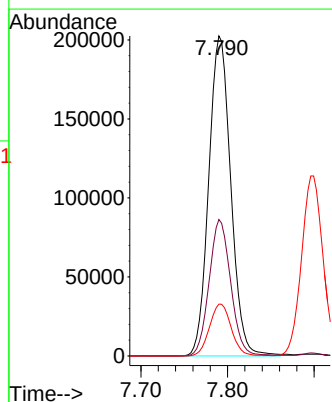
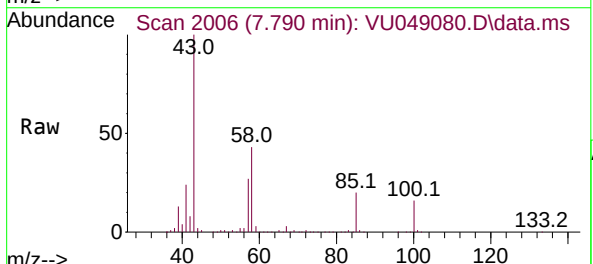
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050148

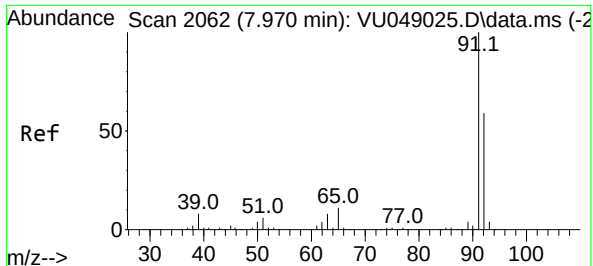
Tgt Ion: 75 Resp: 150643
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 93.146 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VU049080.D
 Acq: 12 Jun 2022 10:30

Tgt Ion: 43 Resp: 358065
 Ion Ratio Lower Upper
 43 100
 58 41.9 32.2 48.4
 100 15.9 12.3 18.5





#42

Toluene

Concen: 52.081 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

Instrument :

MSVOA_U

ClientSampleId :

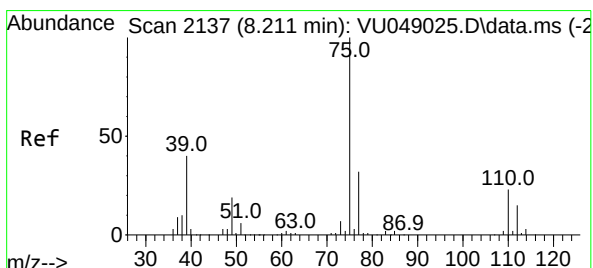
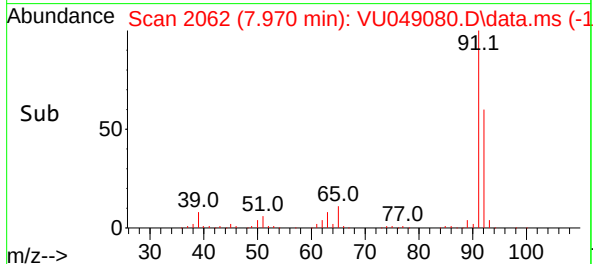
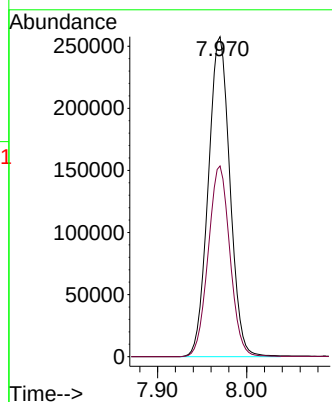
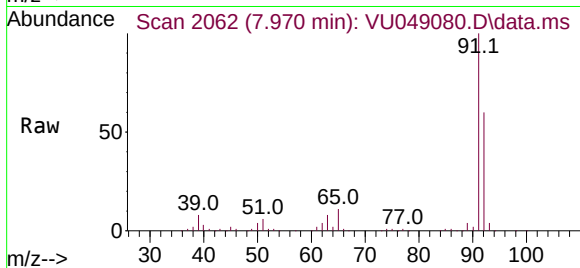
VSTD050148

Tgt Ion: 91 Resp: 435569

Ion Ratio Lower Upper

91 100

92 59.6 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 45.286 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049080.D

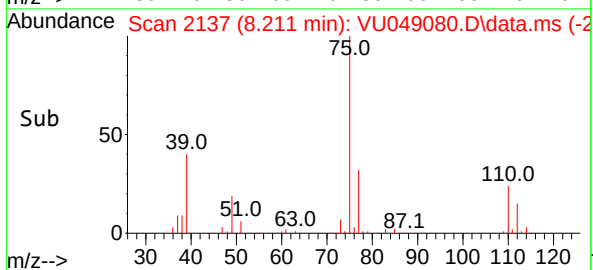
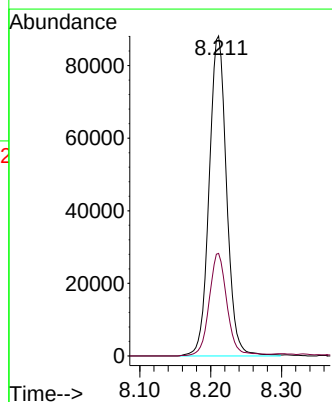
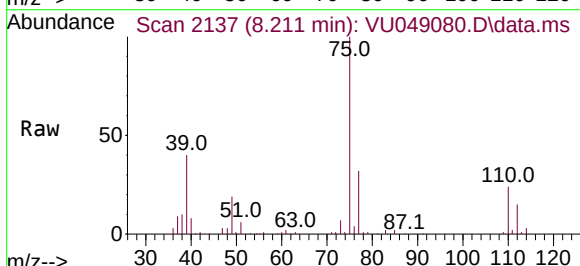
Acq: 12 Jun 2022 10:30

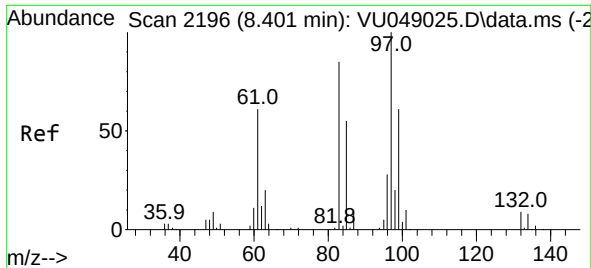
Tgt Ion: 75 Resp: 150553

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7

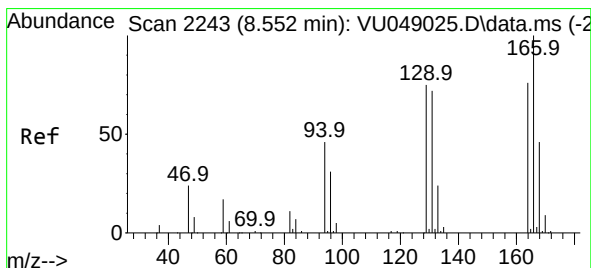
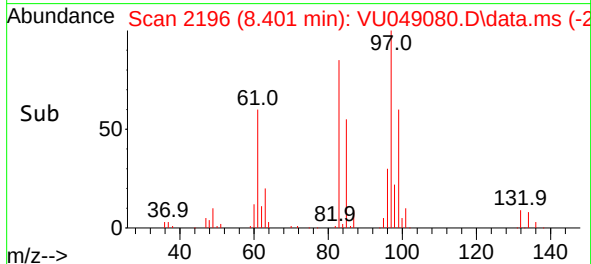
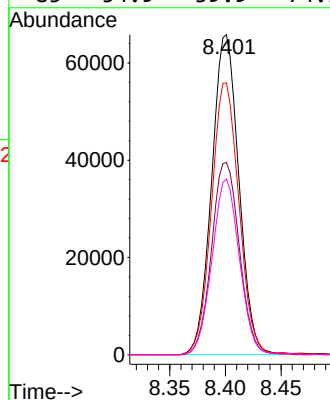
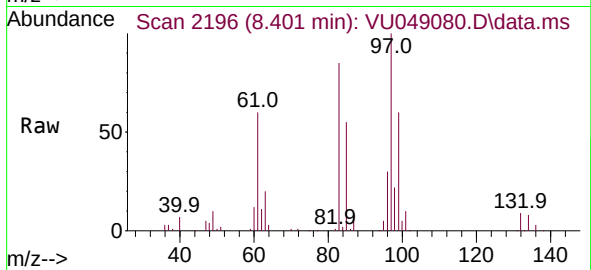




#45
1,1,2-Trichloroethane
Concen: 50.436 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

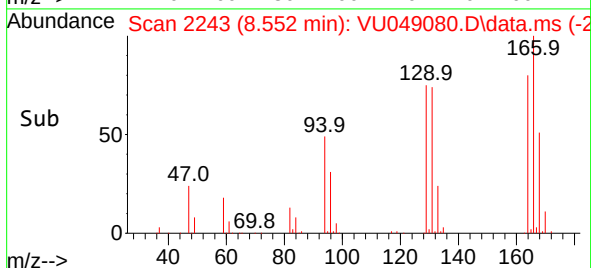
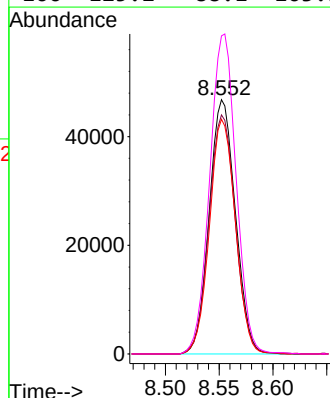
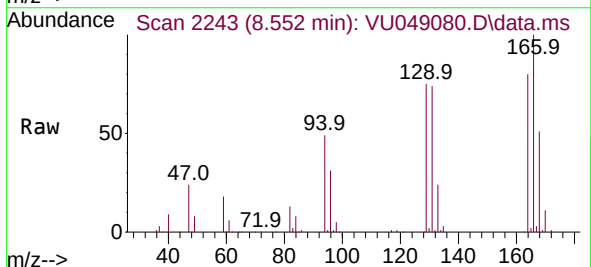
Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

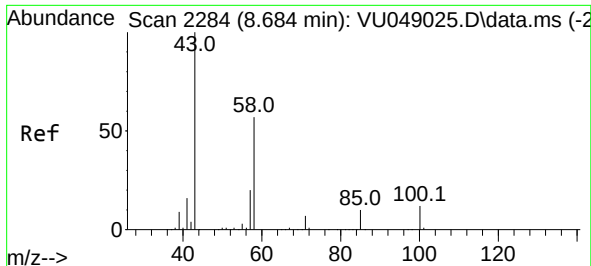
Tgt Ion: 97	Resp: 111513
Ion Ratio	Lower Upper
97 100	
99 60.0	43.5 80.9
83 84.9	60.3 112.1
85 54.9	39.9 74.1



#46
Tetrachloroethene
Concen: 50.211 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt	Ion:164	Resp:	79396
Ion	Ratio	Lower	Upper
164	100		
129	94.0	70.9	131.7
131	92.4	66.2	123.0
166	125.2	88.1	163.5



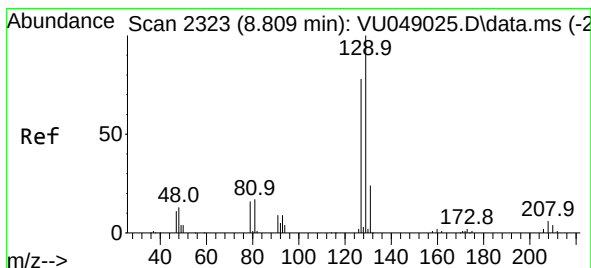
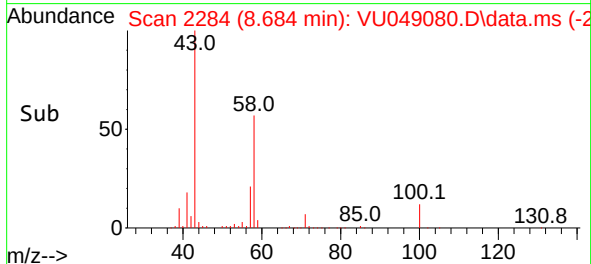
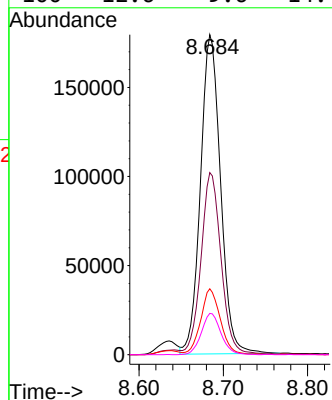
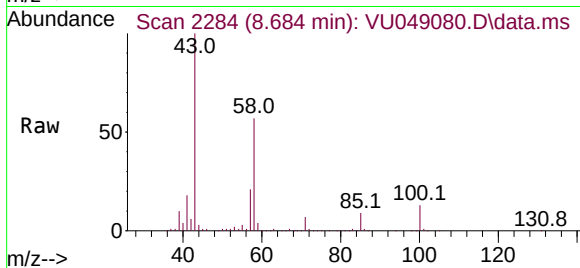


#48
2-Hexanone
Concen: 95.261 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

Tgt Ion: 43 Resp: 297703

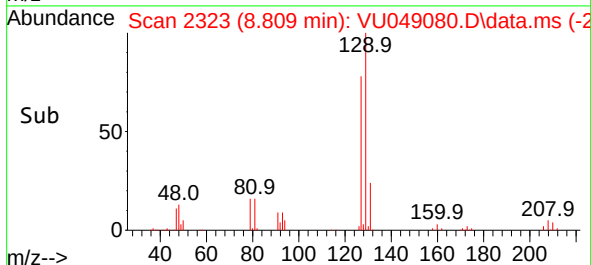
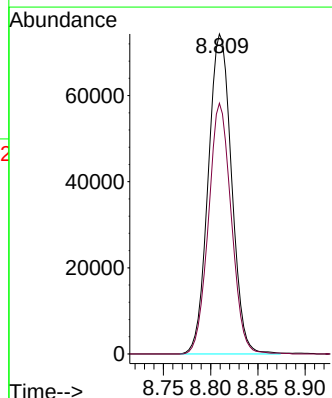
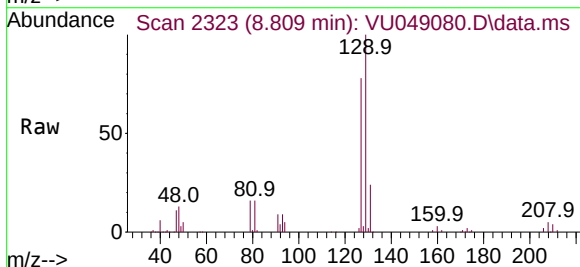
Ion	Ratio	Lower	Upper
43	100		
58	56.4	45.8	68.8
57	19.7	16.2	24.4
100	12.6	9.6	14.4

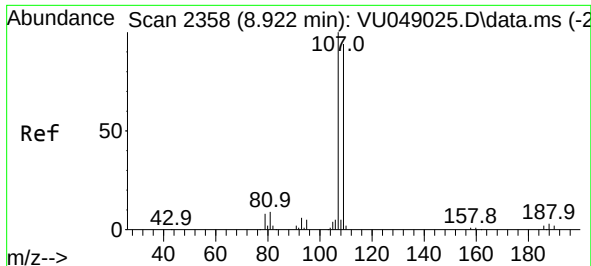


#49
Dibromochloromethane
Concen: 51.856 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion: 129 Resp: 127655

Ion	Ratio	Lower	Upper
129	100		
127	78.4	53.5	99.5

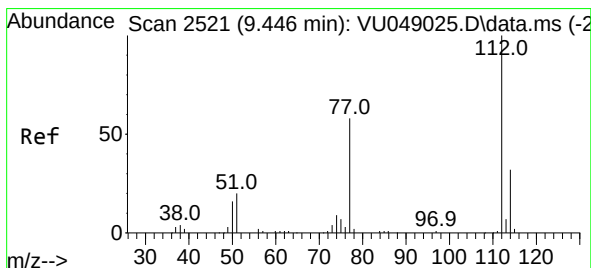
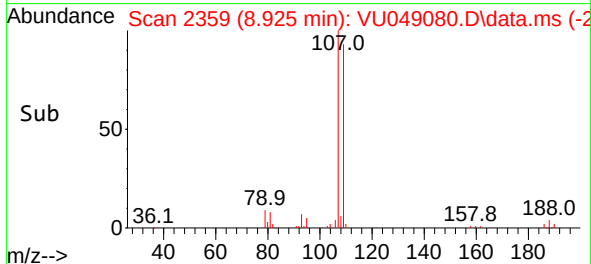
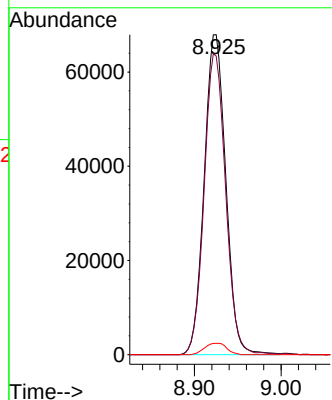
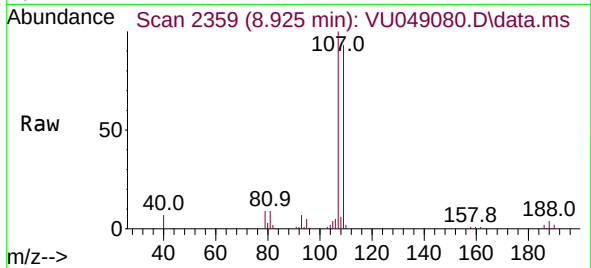




#50
1,2-Dibromoethane
Concen: 50.659 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

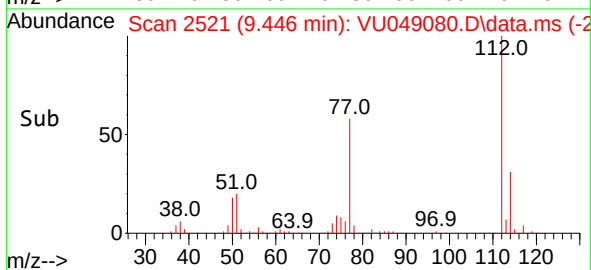
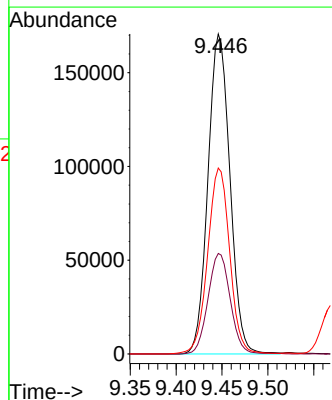
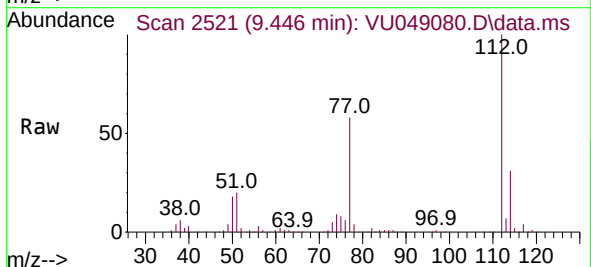
Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

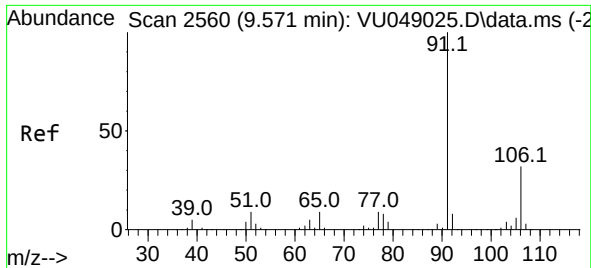
Tgt Ion:107 Resp: 117832
Ion Ratio Lower Upper
107 100
109 93.3 67.2 124.8
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 50.273 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion:112 Resp: 284211
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.3
77 58.1 47.1 70.7

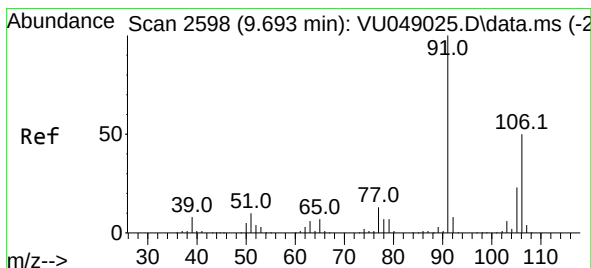
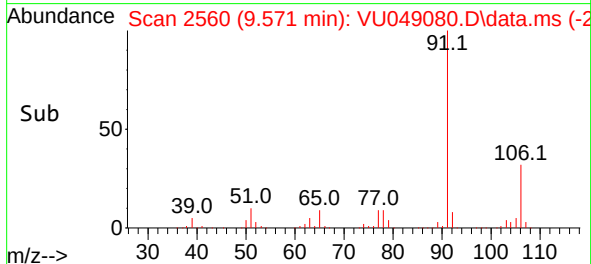
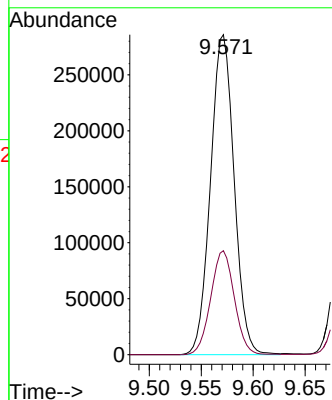
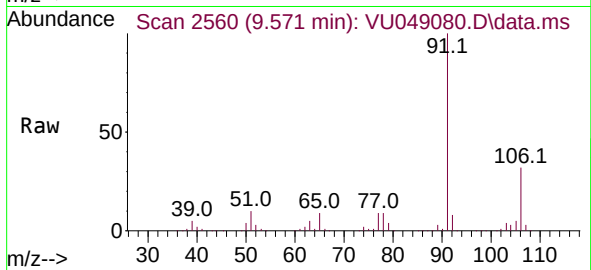




#52
Ethylbenzene
Concen: 49.701 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

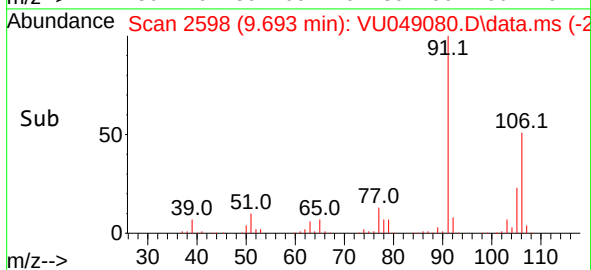
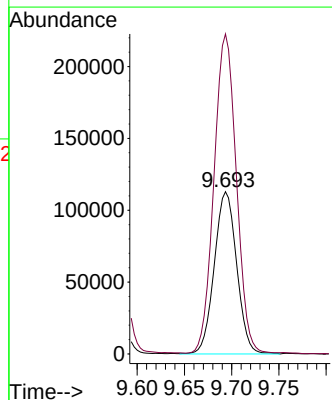
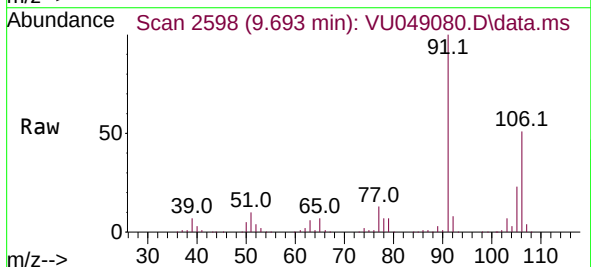
Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

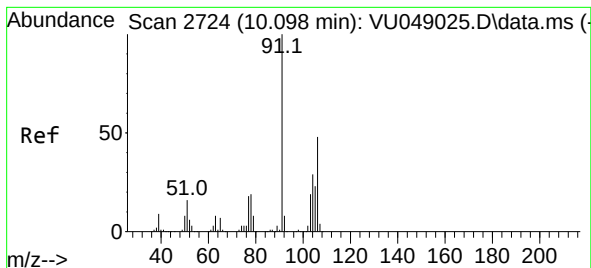
Tgt Ion: 91 Resp: 451942
Ion Ratio Lower Upper
91 100
106 32.5 21.6 40.2



#53
m,p-Xylene
Concen: 52.102 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion: 106 Resp: 186049
Ion Ratio Lower Upper
106 100
91 197.2 137.4 255.2





#54

o-Xylene

Concen: 51.794 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.003 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

Instrument :

MSVOA_U

ClientSampleId :

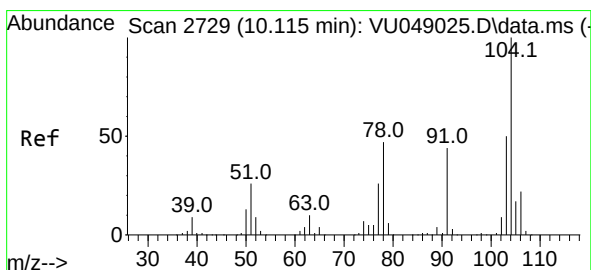
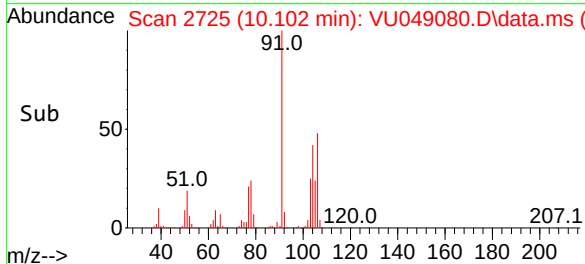
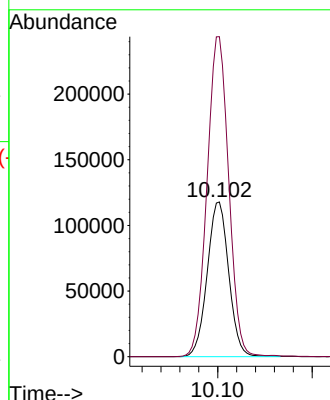
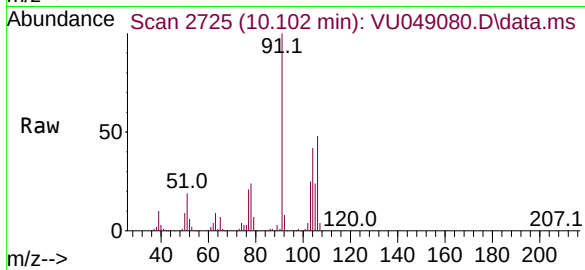
VSTD050148

Tgt Ion:106 Resp: 186339

Ion Ratio Lower Upper

106 100

91 206.9 145.2 269.6



#55

Styrene

Concen: 52.958 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049080.D

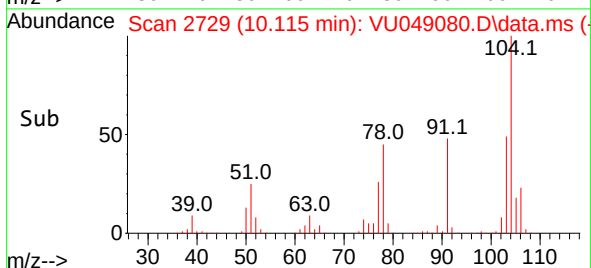
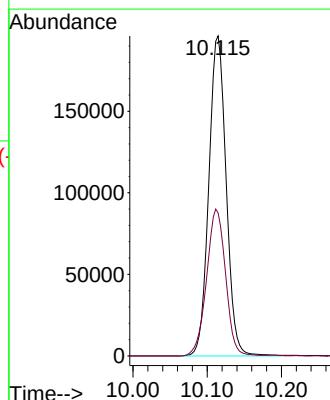
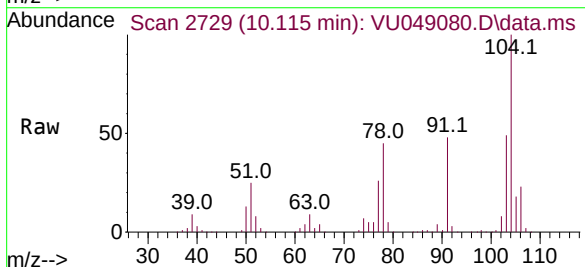
Acq: 12 Jun 2022 10:30

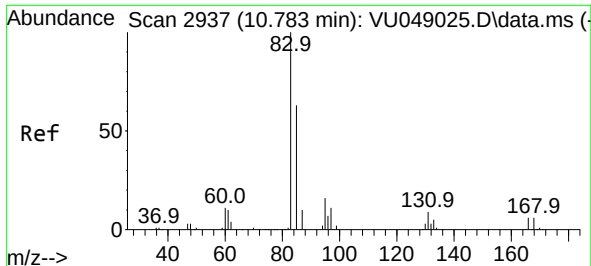
Tgt Ion:104 Resp: 318174

Ion Ratio Lower Upper

104 100

78 44.7 32.6 60.6

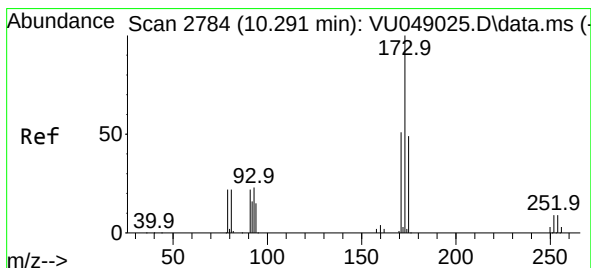
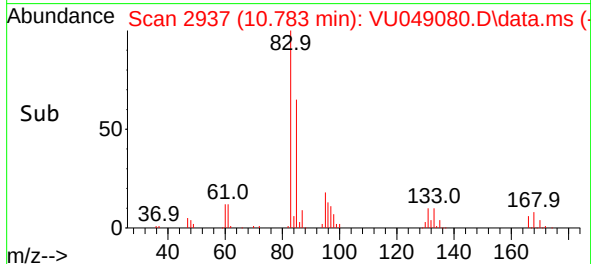
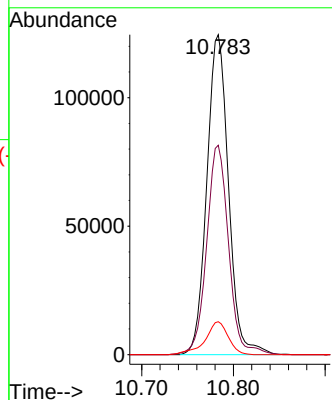
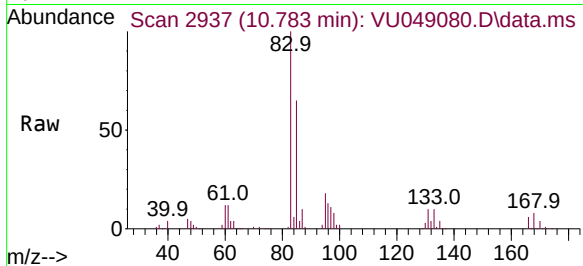




#57
1,1,2,2-Tetrachloroethane
Concen: 49.610 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

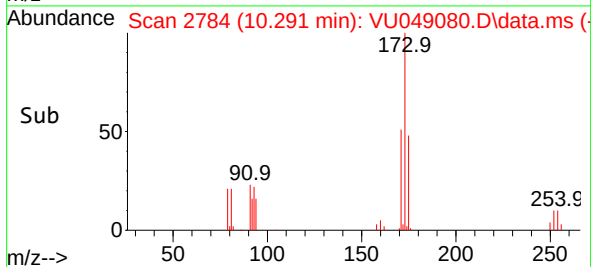
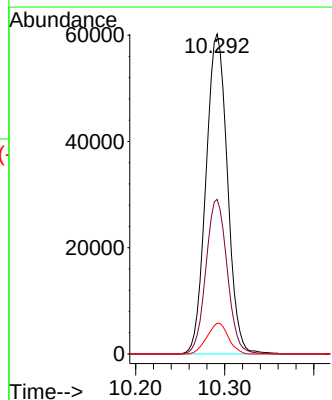
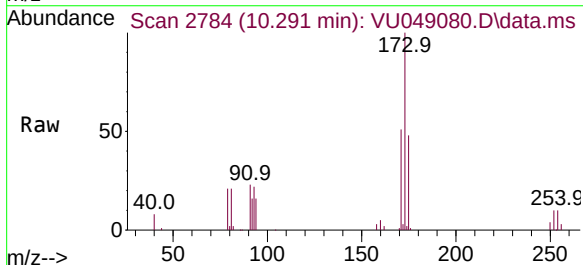
Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

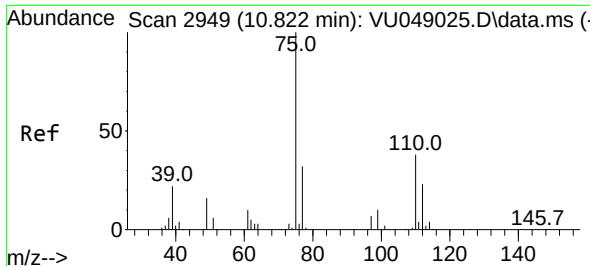
Tgt Ion: 83 Resp: 204410
Ion Ratio Lower Upper
83 100
85 65.5 44.5 82.7
131 10.3 7.6 11.4



#59
Bromoform
Concen: 51.072 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion:173 Resp: 100785
Ion Ratio Lower Upper
173 100
175 48.0 37.8 56.8
254 9.6 7.2 10.8

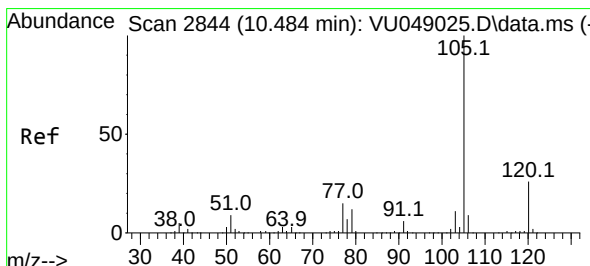
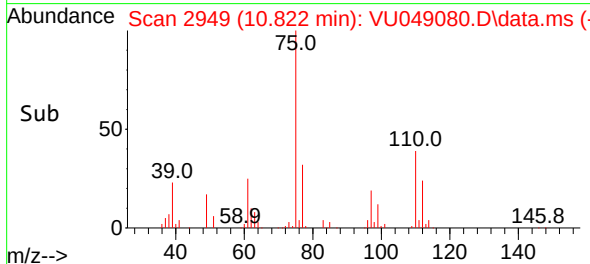
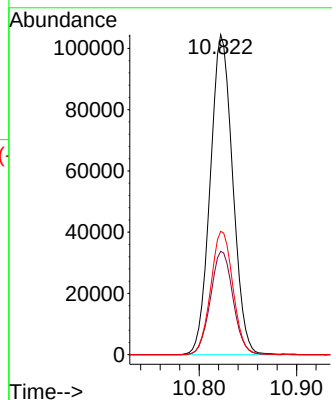
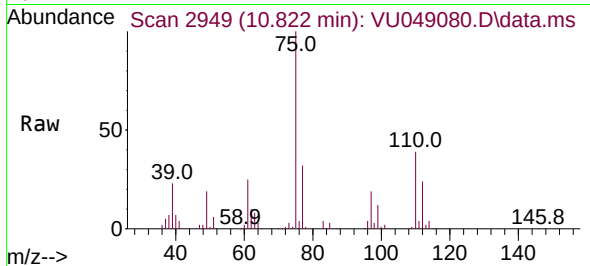




#60
1,2,3-Trichloropropane
Concen: 49.354 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

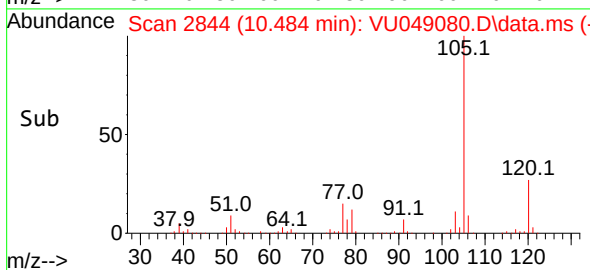
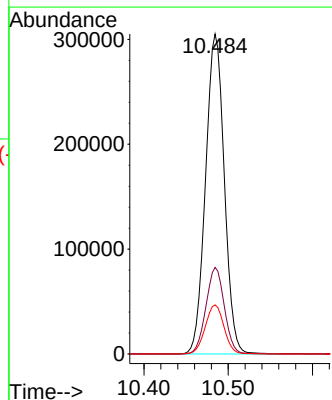
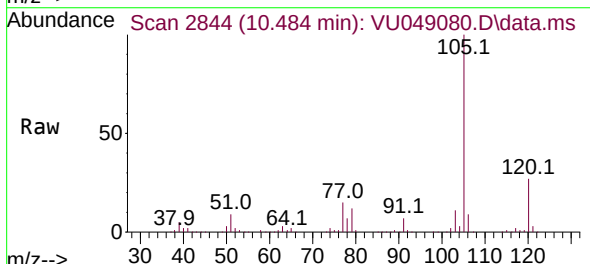
Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

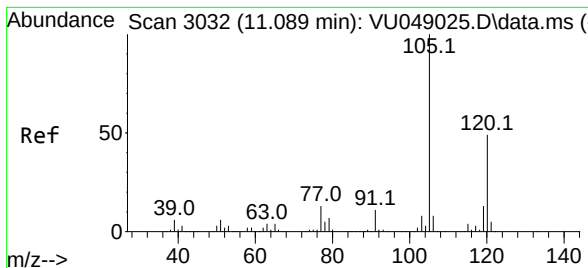
Tgt Ion: 75 Resp: 167396
Ion Ratio Lower Upper
75 100
77 32.5 26.6 40.0
110 38.2 30.2 45.4



#61
Isopropylbenzene
Concen: 52.066 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion: 105 Resp: 472912
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.4 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 52.098 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049080.D

Acq: 12 Jun 2022 10:30

Instrument :

MSVOA_U

ClientSampleId :

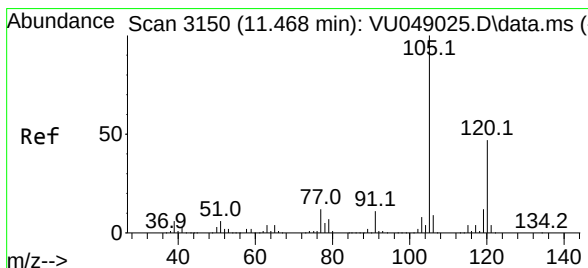
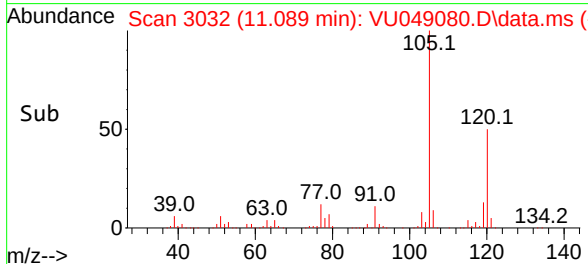
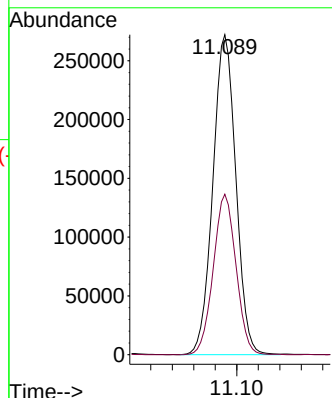
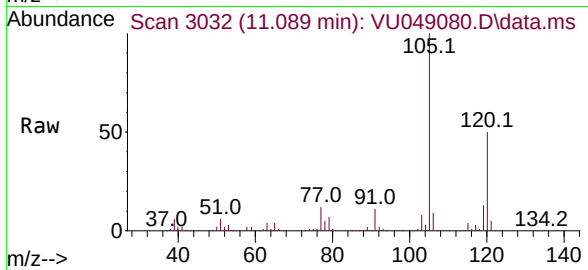
VSTD050148

Tgt Ion:105 Resp: 403992

Ion Ratio Lower Upper

105 100

120 49.6 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 51.010 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049080.D

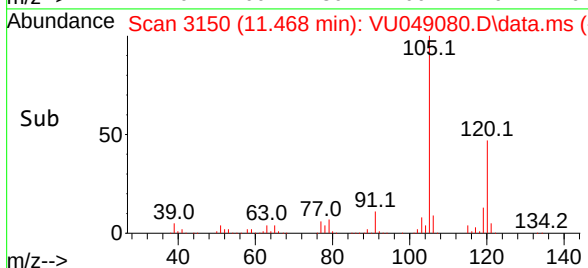
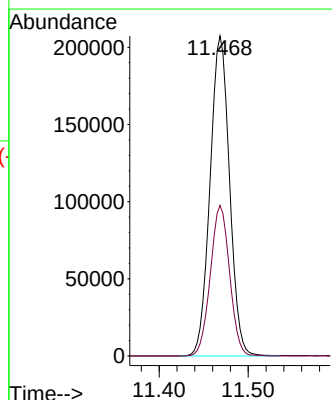
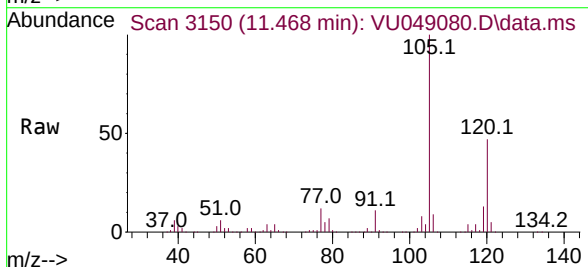
Acq: 12 Jun 2022 10:30

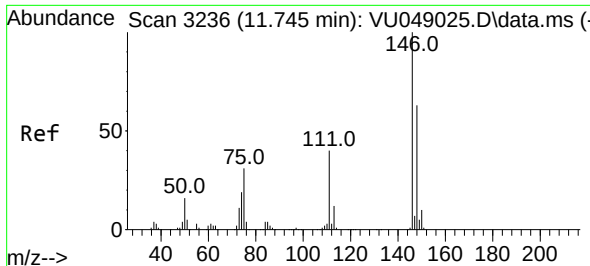
Tgt Ion:105 Resp: 314921

Ion Ratio Lower Upper

105 100

120 46.4 36.3 54.5

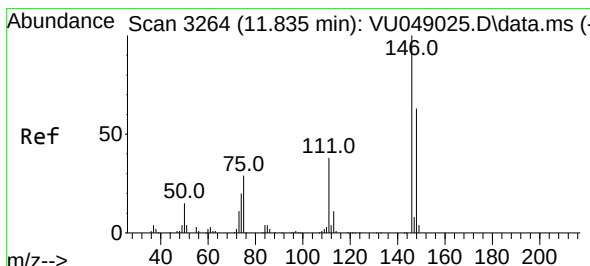
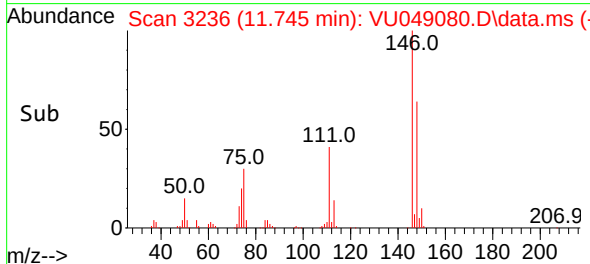
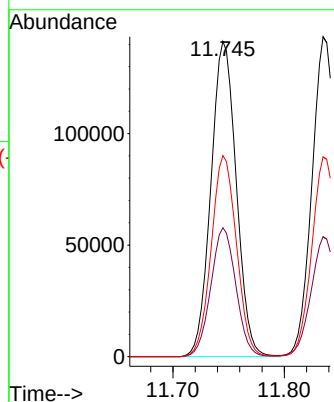
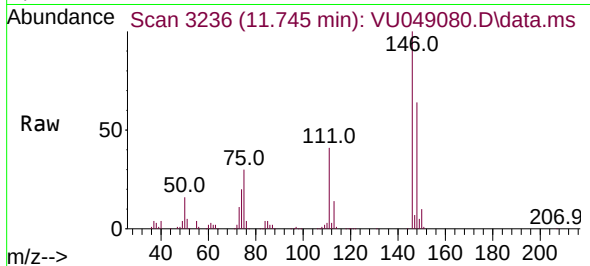




#64
1,3-Dichlorobenzene
Concen: 50.159 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

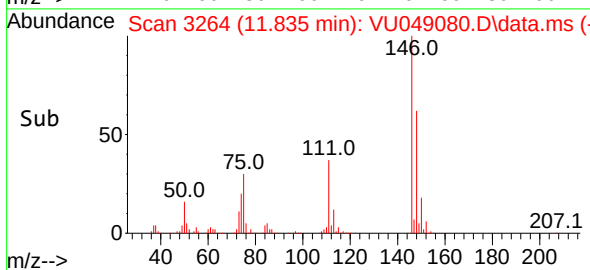
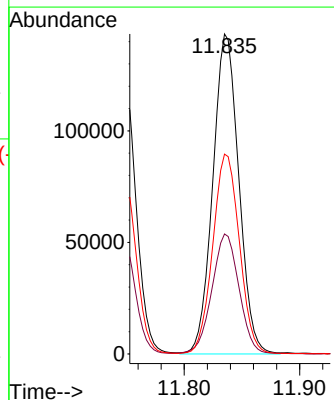
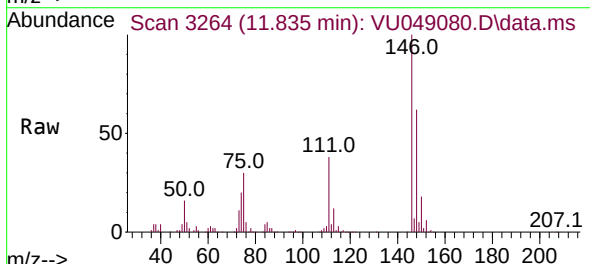
Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

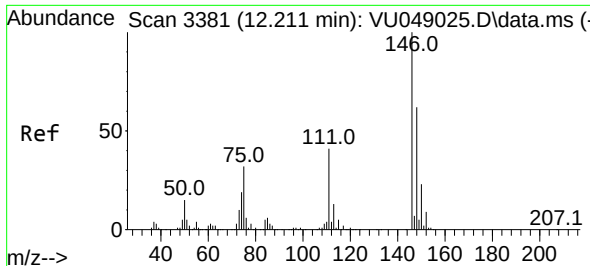
Tgt Ion:146 Resp: 223485
Ion Ratio Lower Upper
146 100
111 40.9 29.8 55.3
148 63.8 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 49.672 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion:146 Resp: 224075
Ion Ratio Lower Upper
146 100
111 37.5 28.1 52.1
148 62.4 44.9 83.3

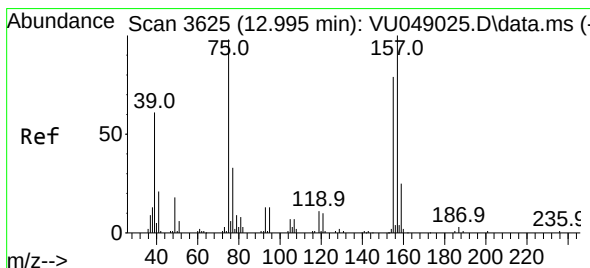
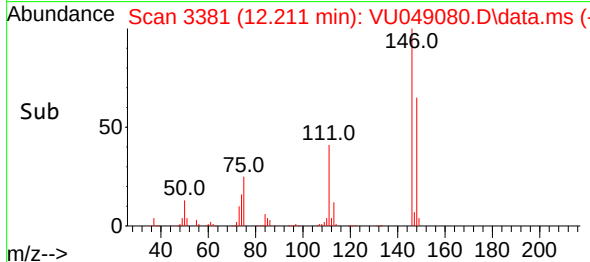
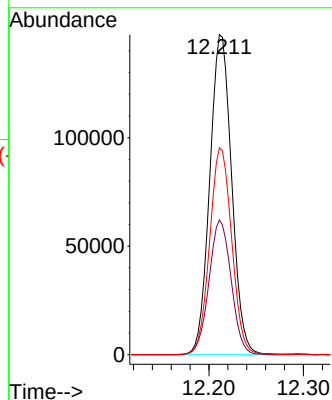
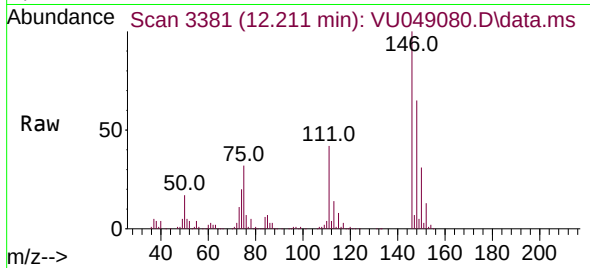




#67
 1,2-Dichlorobenzene
 Concen: 51.313 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU049080.D
 Acq: 12 Jun 2022 10:30

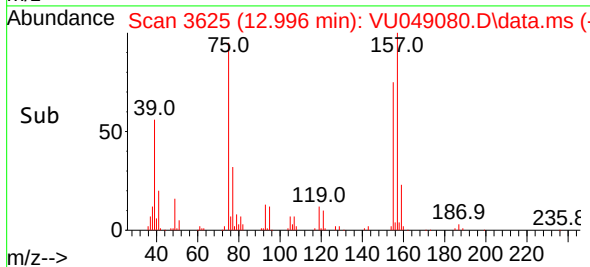
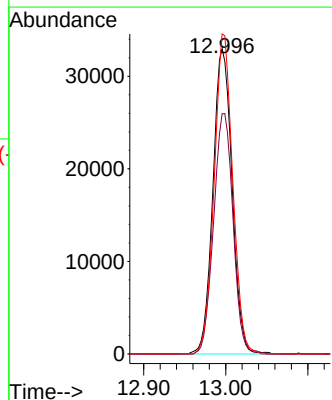
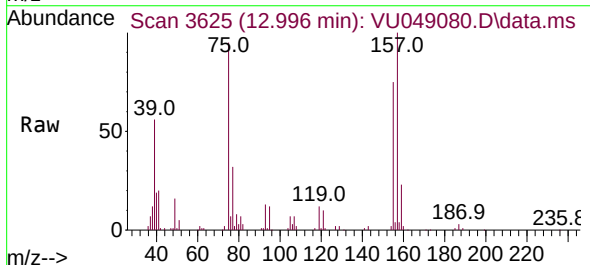
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050148

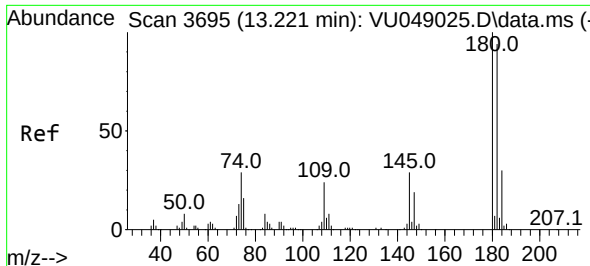
Tgt Ion:146 Resp: 237261
 Ion Ratio Lower Upper
 146 100
 111 42.1 33.9 50.9
 148 64.6 50.2 75.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 47.788 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU049080.D
 Acq: 12 Jun 2022 10:30

Tgt Ion: 75 Resp: 53497
 Ion Ratio Lower Upper
 75 100
 155 78.7 61.0 91.6
 157 104.9 77.6 116.4

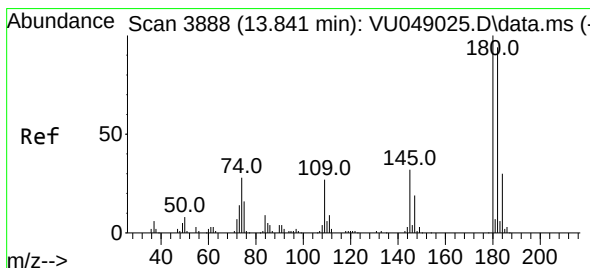
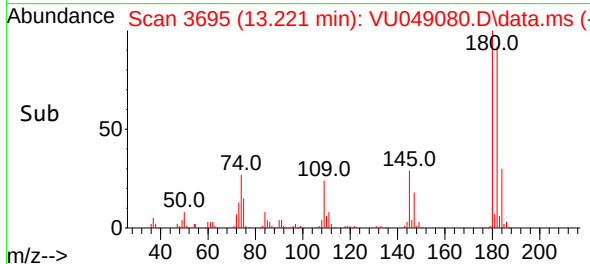
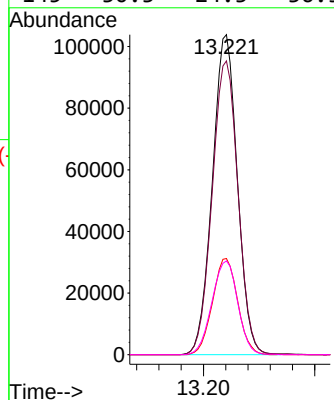
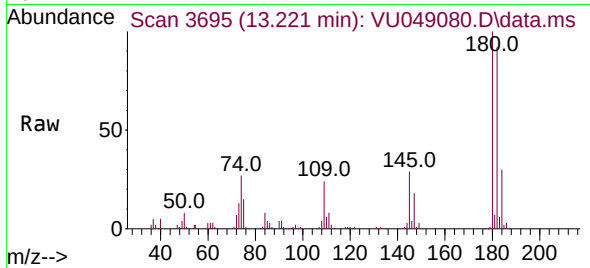




#69
 1,3,5-Trichlorobenzene
 Concen: 50.800 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU049080.D
 Acq: 12 Jun 2022 10:30

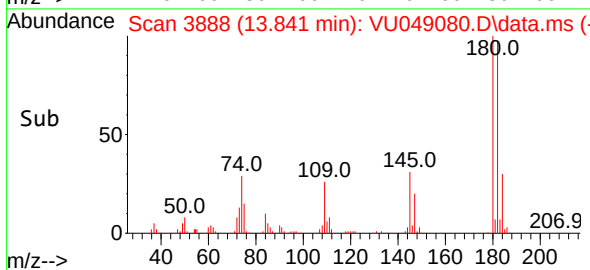
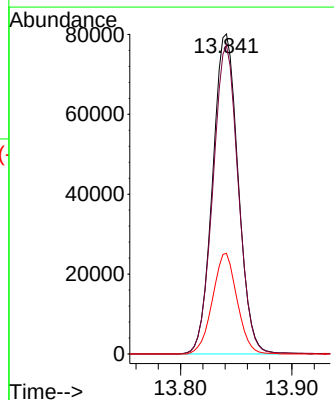
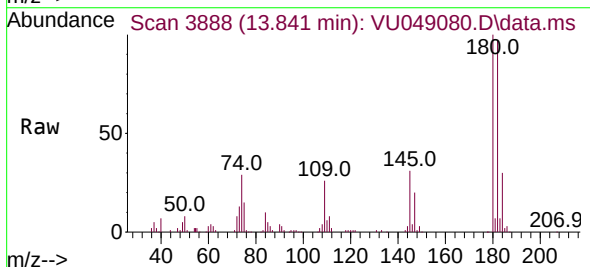
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050148

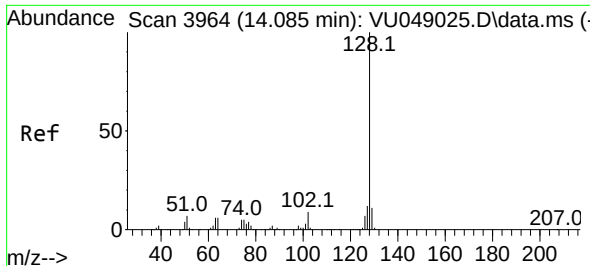
Tgt Ion:	180	Resp:	161692
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.0	114.0
184	30.2	24.5	36.7
145	30.3	24.3	36.5



#70
 1,2,4-trichlorobenzene
 Concen: 47.435 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU049080.D
 Acq: 12 Jun 2022 10:30

Tgt Ion:	180	Resp:	127675
Ion Ratio	Lower	Upper	
180	100		
182	95.9	78.2	117.2
145	30.3	25.0	37.4

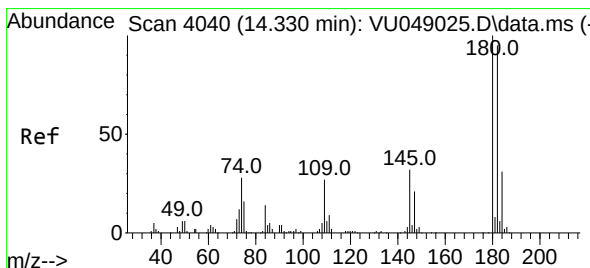
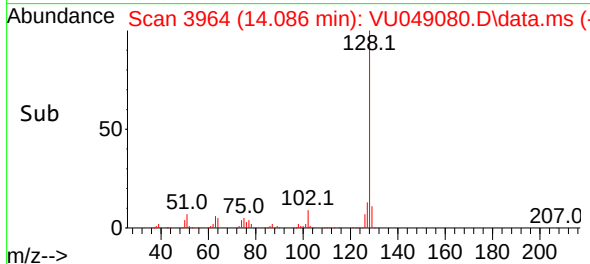
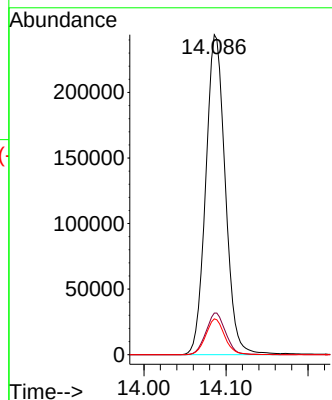
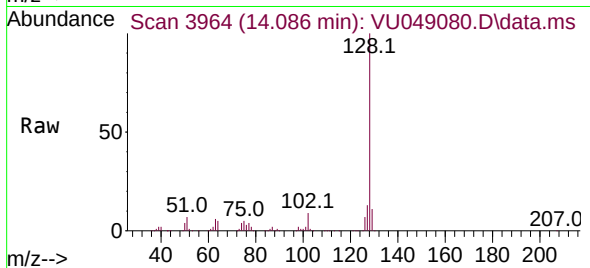




#71
Naphthalene
Concen: 42.363 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

Tgt Ion:128 Resp: 403397
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 50.222 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049080.D
Acq: 12 Jun 2022 10:30

Tgt Ion:180 Resp: 142985
Ion Ratio Lower Upper
180 100
182 95.2 77.3 115.9
145 32.1 26.3 39.5

