

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071322\
 Data File : U049697.D
 Acq On : 13 Jul 2022 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

Quant Time: Jul 14 05:04:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 13 06:51:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	204615	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	198324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97869	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72606	42.056	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.120%		
7) Chloroethane-d5	1.903	69	56155	44.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.000%		
11) 1,1-Dichloroethene-d2	2.565	63	134401	44.073	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.140%		
21) 2-Butanone-d5	4.623	46	150032	101.800	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.800%		
24) Chloroform-d	5.063	84	152121	49.749	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.500%		
26) 1,2-Dichloroethane-d4	5.700	65	101728	49.156	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.320%		
32) Benzene-d6	5.726	84	278715	46.259	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.520%		
36) 1,2-Dichloropropane-d6	6.690	67	97261	47.993	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.980%		
41) Toluene-d8	7.896	98	244211	46.544	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.080%		
43) trans-1,3-Dichloroprop...	8.179	79	41026	48.049	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.100%		
47) 2-Hexanone-d5	8.632	63	89761	98.465	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.470%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	142091	50.110	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.220%		
66) 1,2-Dichlorobenzene-d4	12.192	152	89219	48.350	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	106961	43.609	ug/L	99
3) Chloromethane	1.520	50	124818	46.368	ug/L	98
5) Vinyl chloride	1.604	62	108365	44.550	ug/L	99
6) Bromomethane	1.842	94	51302	45.648	ug/L	96
8) Chloroethane	1.922	64	61723	45.806	ug/L	98
9) Trichlorofluoromethane	2.131	101	135785	45.201	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	72355	45.902	ug/L	100
12) 1,1-Dichloroethene	2.575	96	66182	45.239	ug/L	88
13) Acetone	2.626	43	121311	86.612	ug/L	97
14) Carbon disulfide	2.790	76	203416	41.233	ug/L	99
15) Methyl Acetate	2.948	43	119456	52.497	ug/L	99
16) Methylene chloride	3.044	84	94727	51.419	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	74704	46.679	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	276747	50.487	ug/L	100
19) 1,1-Dichloroethane	3.867	63	163530	49.082	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	87506	48.652	ug/L	98
22) 2-Butanone	4.700	43	183548	97.881	ug/L	100
23) Bromochloromethane	4.973	128	46181	51.458	ug/L	96
25) Chloroform	5.089	83	169703	50.795	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071322\
 Data File : VU049697.D
 Acq On : 13 Jul 2022 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

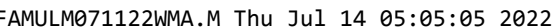
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

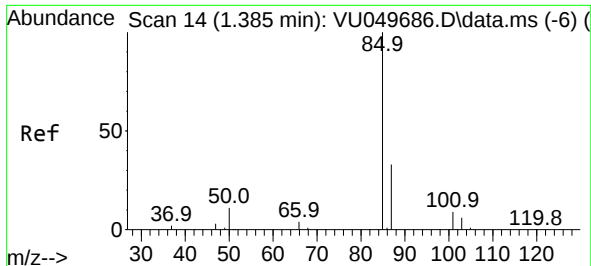
Quant Time: Jul 14 05:04:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 13 06:51:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	142050	49.933	ug/L	98
29) Cyclohexane	5.388	56	133317	43.066	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	133043	46.337	ug/L	99
31) Carbon tetrachloride	5.523	117	107052	45.587	ug/L	98
33) Benzene	5.774	78	358955	48.152	ug/L	100
34) Trichloroethene	6.542	95	81583	45.274	ug/L	97
35) Methylcyclohexane	6.764	83	124024	43.799	ug/L	98
37) 1,2-Dichloropropane	6.790	63	101104	48.931	ug/L	99
38) Bromodichloromethane	7.105	83	124586	48.632	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	135771	48.721	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	334841	100.101	ug/L	100
42) Toluene	7.970	91	362033	48.864	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	130527	49.885	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	91385	50.670	ug/L	96
46) Tetrachloroethene	8.552	164	58313	46.658	ug/L	95
48) 2-Hexanone	8.684	43	268922	100.604	ug/L	99
49) Dibromochloromethane	8.809	129	91620	50.508	ug/L	95
50) 1,2-Dibromoethane	8.922	107	91886	51.288	ug/L	98
51) Chlorobenzene	9.446	112	214072	47.712	ug/L	99
52) Ethylbenzene	9.571	91	374610	47.914	ug/L	98
53) m,p-Xylene	9.693	106	139580	49.097	ug/L	99
54) o-Xylene	10.102	106	141071	49.281	ug/L	99
55) Styrene	10.115	104	237941	50.367	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	162828	50.436	ug/L	99
59) Bromoform	10.291	173	65732	50.075	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	129559	49.700	ug/L	100
61) Isopropylbenzene	10.484	105	355302	48.619	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	306020	49.645	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	303428	49.549	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	157982	49.522	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	155362	48.482	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	162980	49.132	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	37618	49.249	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	109936	49.180	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	97346	47.454	ug/L	98
71) Naphthalene	14.086	128	356881	48.666	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	105289	49.550	ug/L	100

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

Quant Time: Jul 14 05:04:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 13 06:51:38 2022
Response via : Initial Calibration

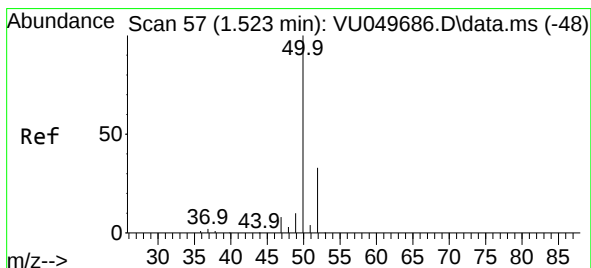
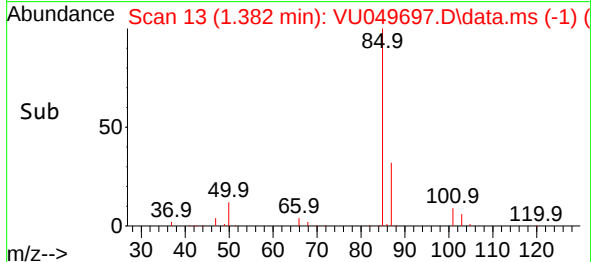
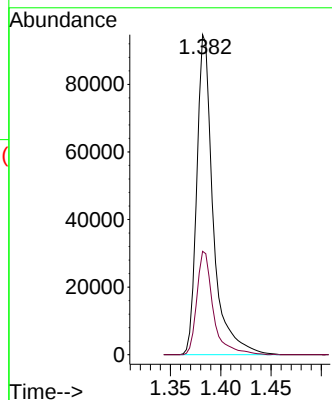
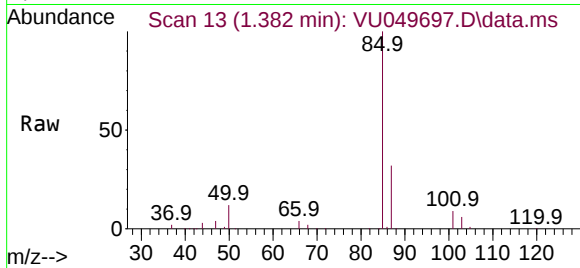




#2
Dichlorodifluoromethane
Concen: 43.609 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

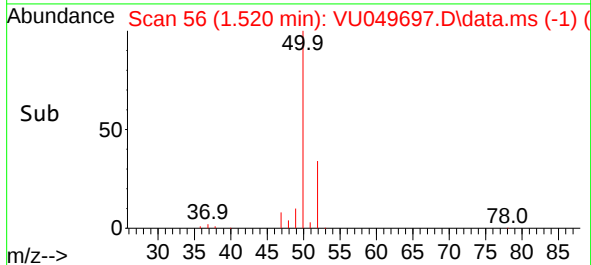
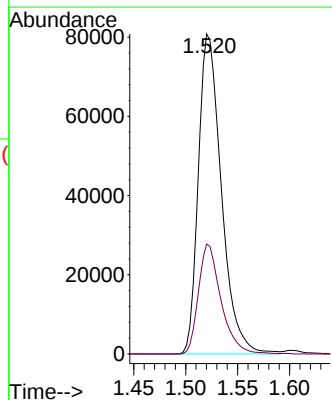
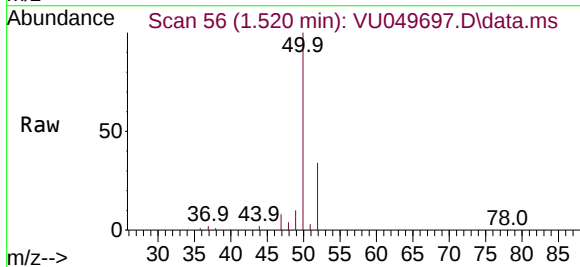
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

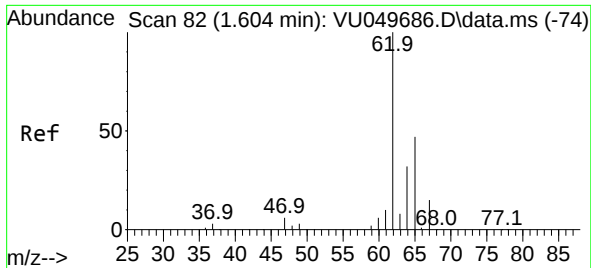
Tgt Ion: 85 Resp: 106961
Ion Ratio Lower Upper
85 100
87 32.4 26.3 39.5



#3
Chloromethane
Concen: 46.368 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 50 Resp: 124818
Ion Ratio Lower Upper
50 100
52 34.4 23.2 43.0

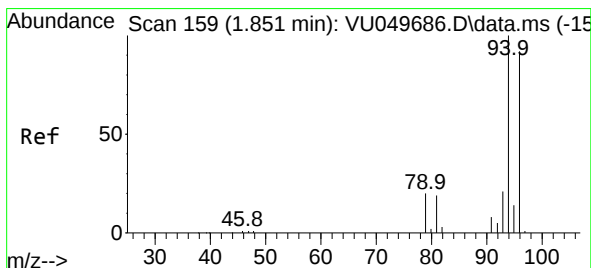
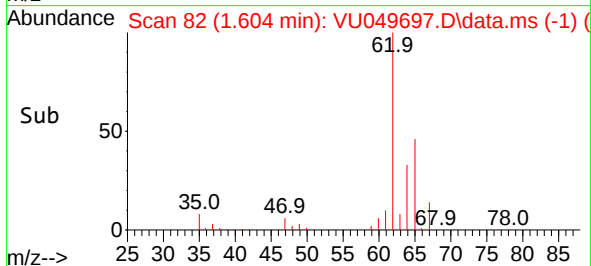
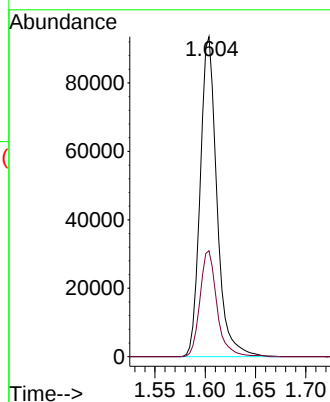
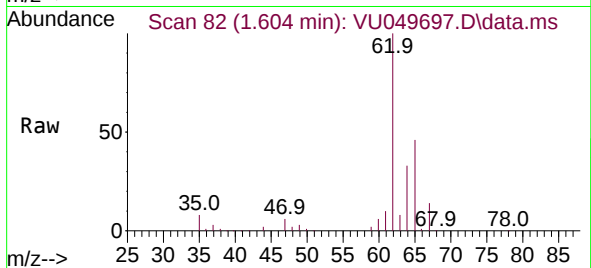




#5
 Vinyl chloride
 Concen: 44.550 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049697.D
 Acq: 13 Jul 2022 10:22

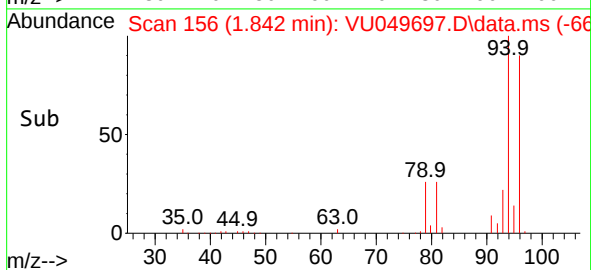
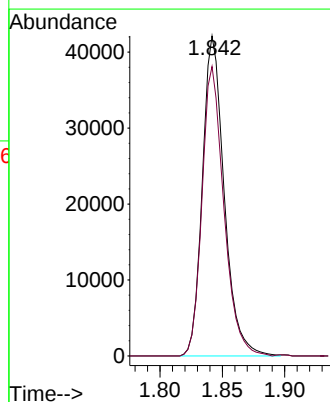
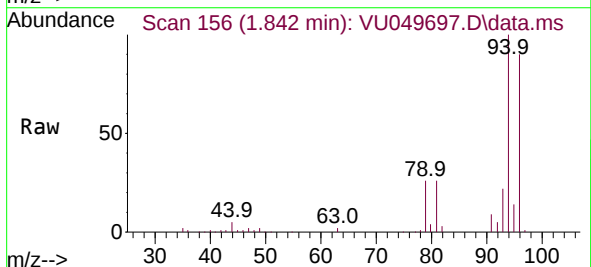
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

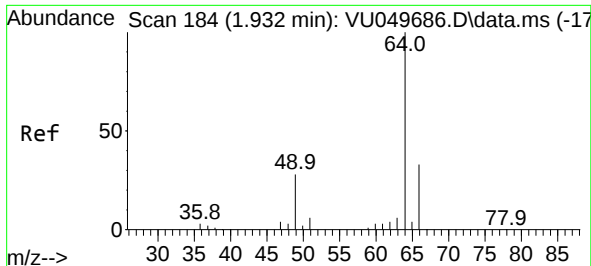
Tgt Ion: 62 Resp: 108365
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.0 42.6



#6
 Bromomethane
 Concen: 45.648 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.010 min
 Lab File: VU049697.D
 Acq: 13 Jul 2022 10:22

Tgt Ion: 94 Resp: 51302
 Ion Ratio Lower Upper
 94 100
 96 90.4 66.1 122.7

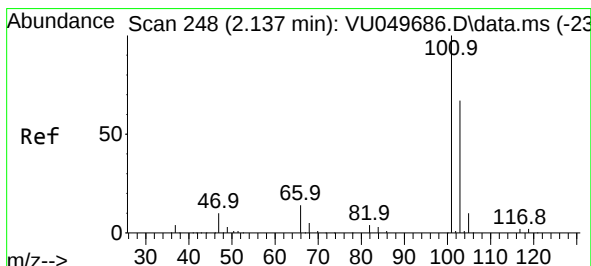
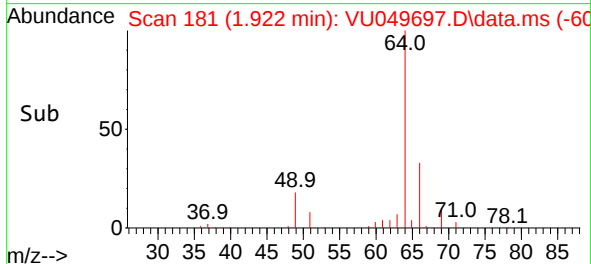
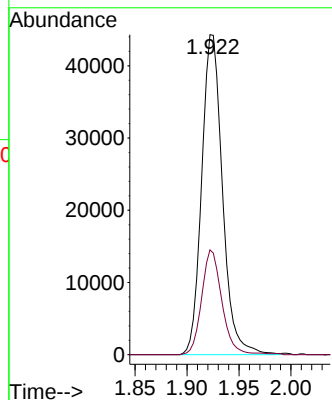
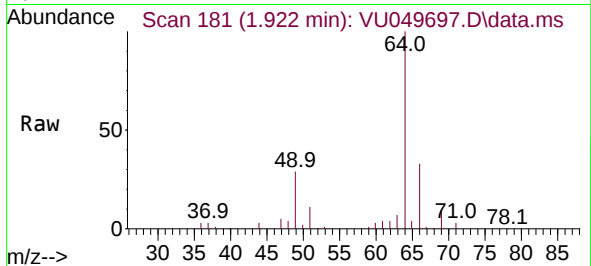




#8
Chloroethane
Concen: 45.806 ug/L
RT: 1.922 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

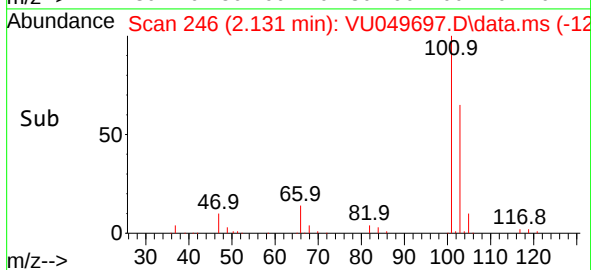
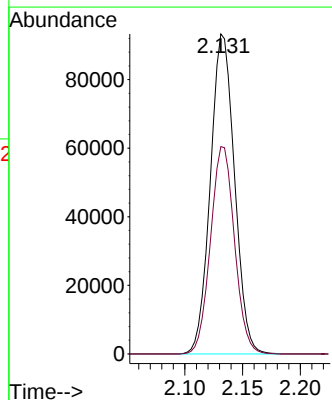
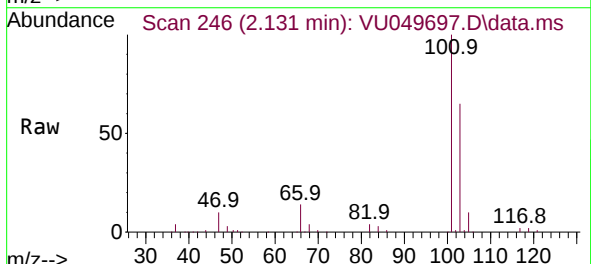
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

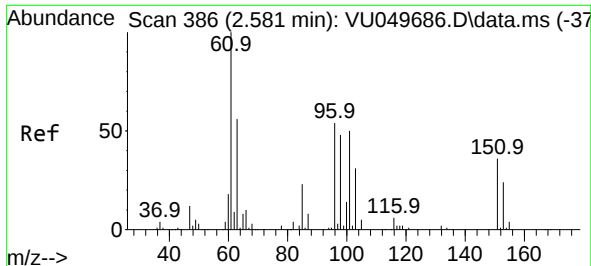
Tgt Ion: 64 Resp: 61723
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 45.201 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.006 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion:101 Resp: 135785
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

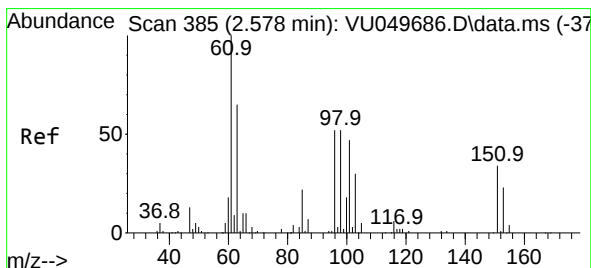
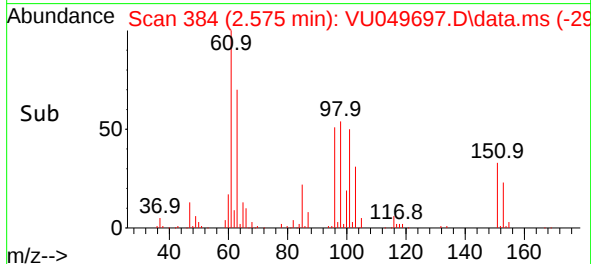
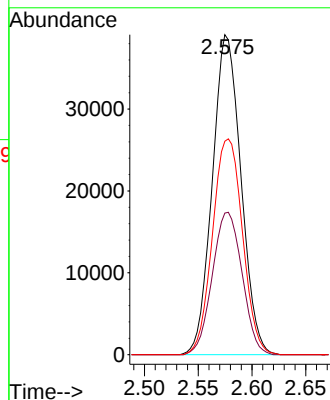
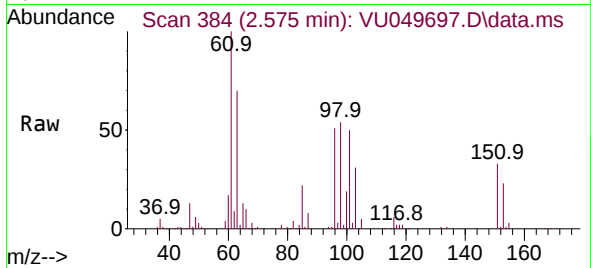




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.902 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

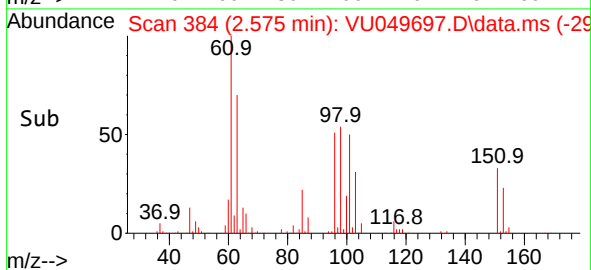
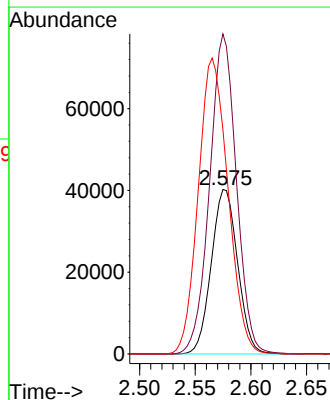
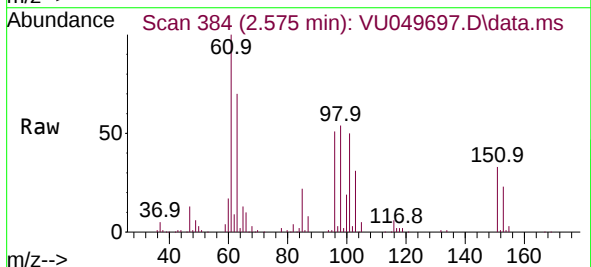
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

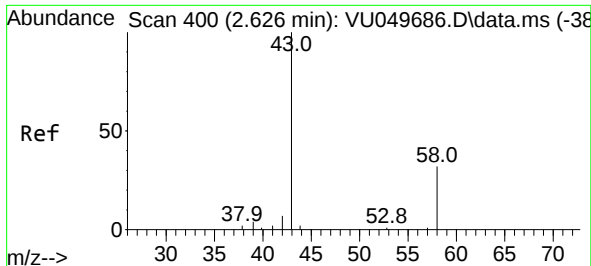
Tgt Ion:101 Resp: 72355
Ion Ratio Lower Upper
101 100
85 46.2 37.3 55.9
151 70.8 56.9 85.3



#12
1,1-Dichloroethene
Concen: 45.239 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 96 Resp: 66182
Ion Ratio Lower Upper
96 100
61 194.6 129.6 240.6
63 136.4 79.0 146.6





#13

Acetone

Concen: 86.612 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

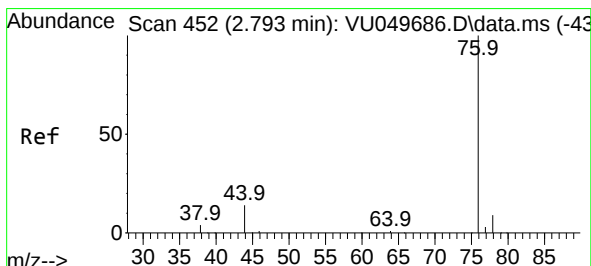
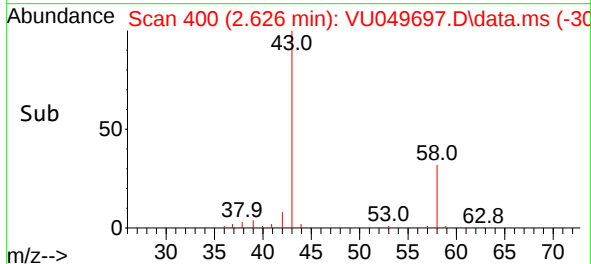
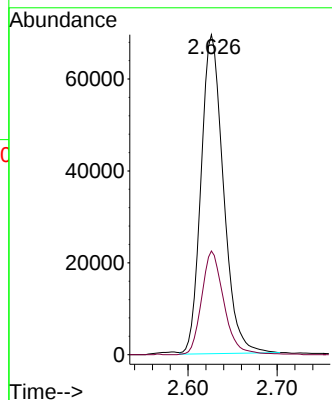
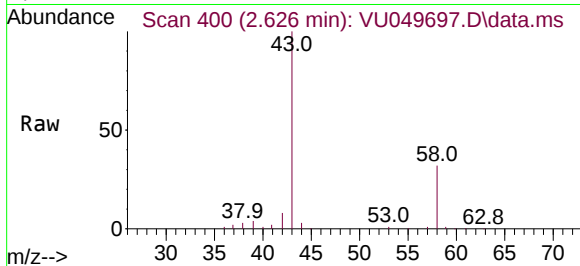
VSTD050161

Tgt Ion: 43 Resp: 121311

Ion Ratio Lower Upper

43 100

58 32.3 0.0 61.4



#14

Carbon disulfide

Concen: 41.233 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU049697.D

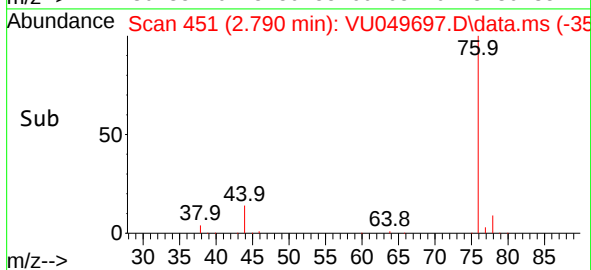
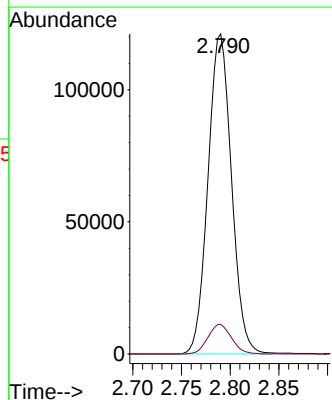
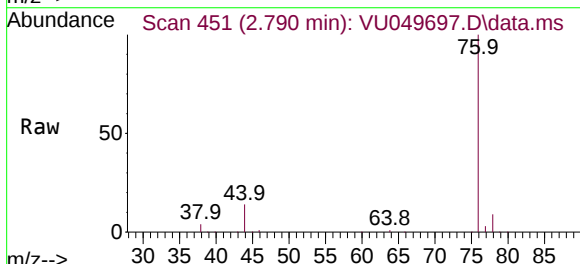
Acq: 13 Jul 2022 10:22

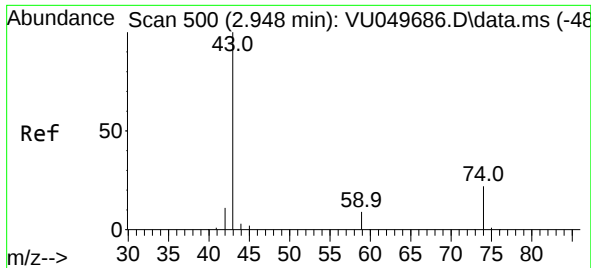
Tgt Ion: 76 Resp: 203416

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

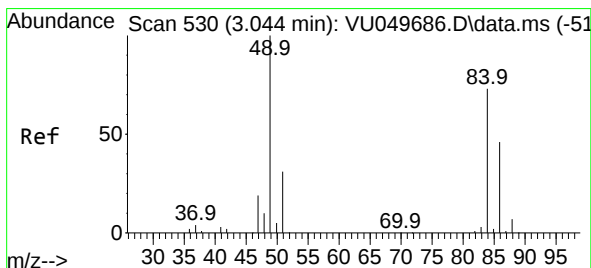
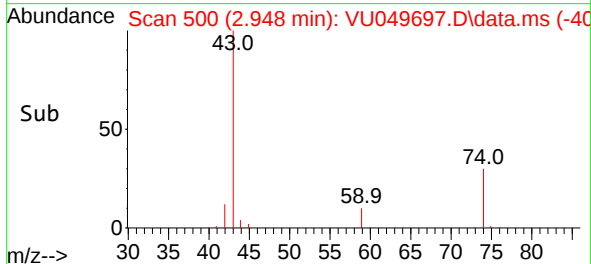
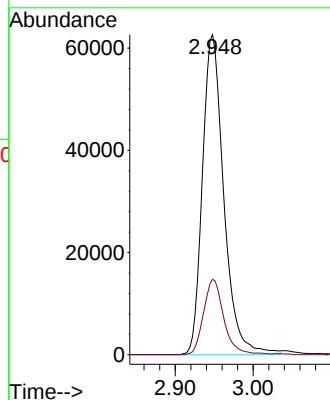
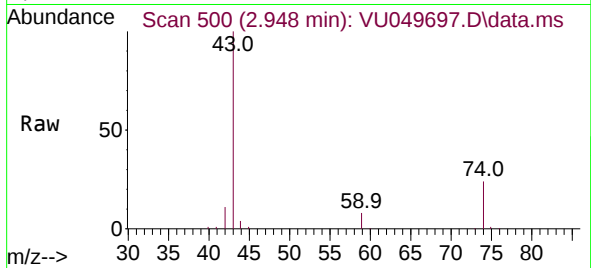




#15
Methyl Acetate
Concen: 52.497 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

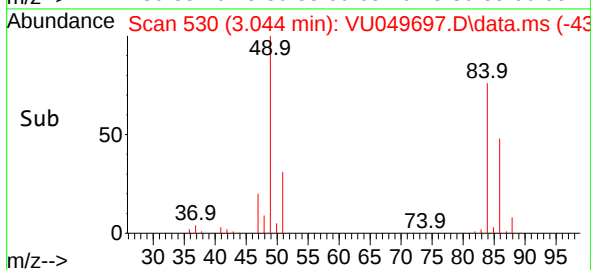
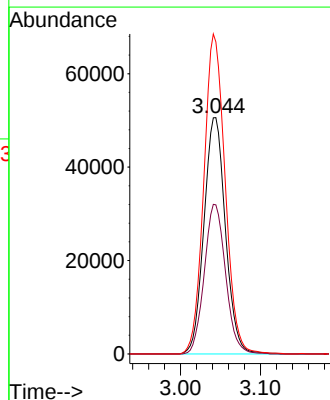
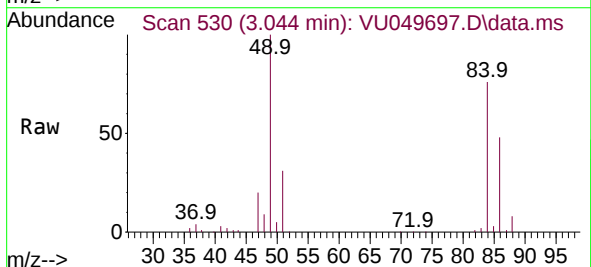
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

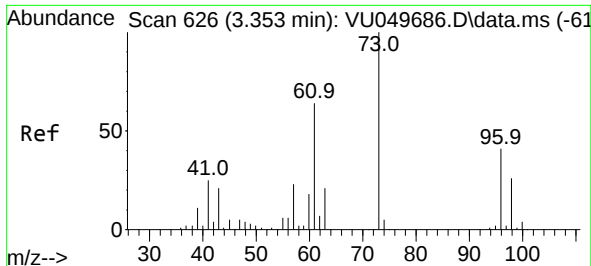
Tgt Ion: 43 Resp: 119456
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0



#16
Methylene chloride
Concen: 51.419 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 84 Resp: 94727
Ion Ratio Lower Upper
84 100
86 63.1 45.6 84.6
49 132.1 94.4 175.4





#17

trans-1,2-Dichloroethene

Concen: 46.679 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD050161

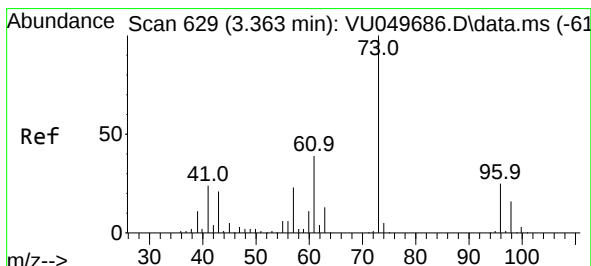
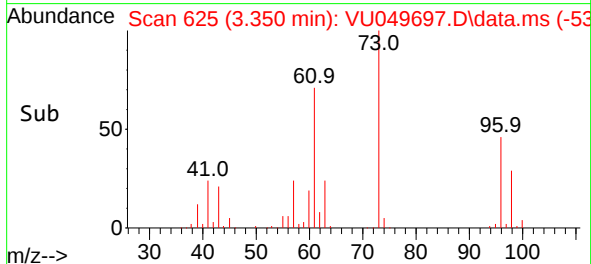
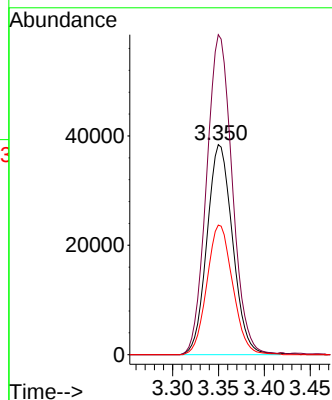
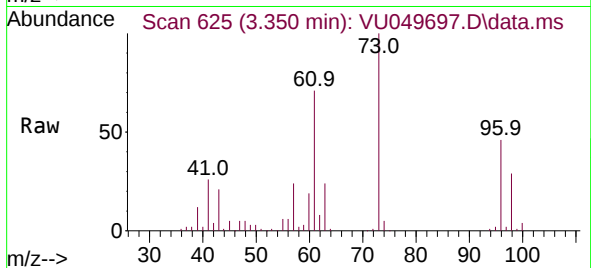
Tgt Ion: 96 Resp: 74704

Ion Ratio Lower Upper

96 100

61 152.3 107.6 199.8

98 61.7 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 50.487 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

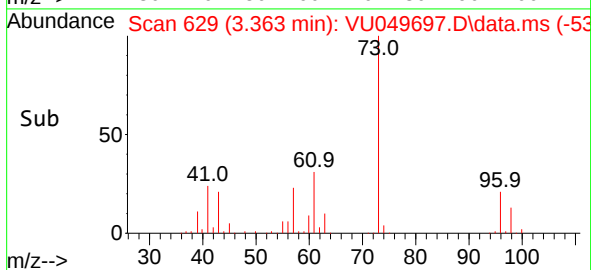
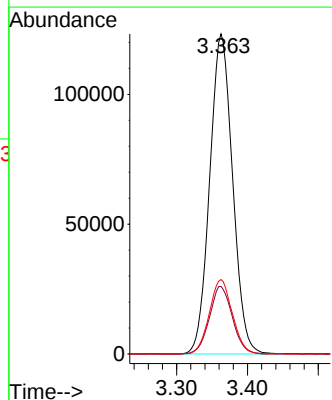
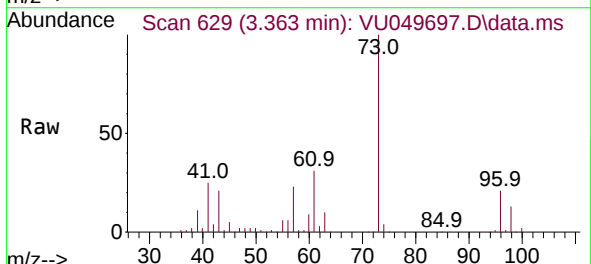
Tgt Ion: 73 Resp: 276747

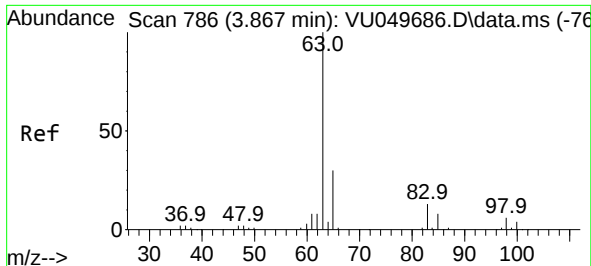
Ion Ratio Lower Upper

73 100

43 21.1 17.0 25.4

57 23.4 18.5 27.7

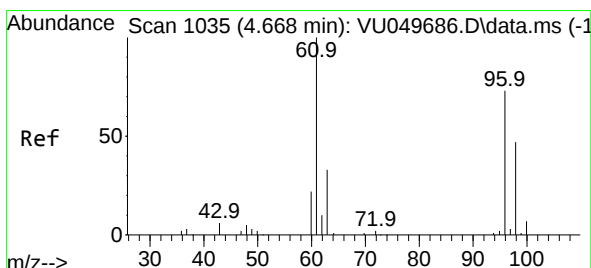
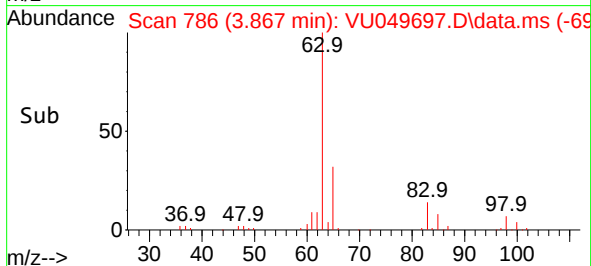
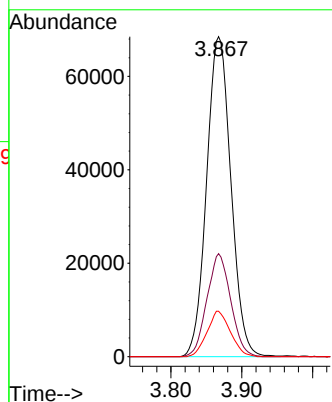
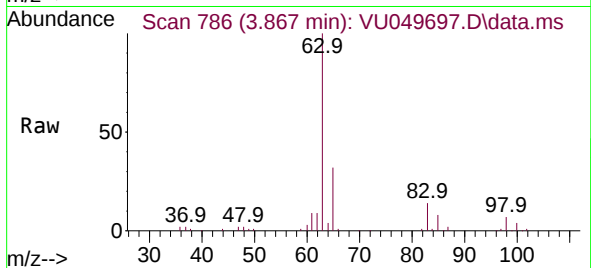




#19
1,1-Dichloroethane
Concen: 49.082 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

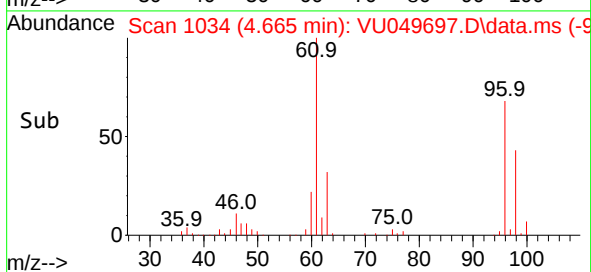
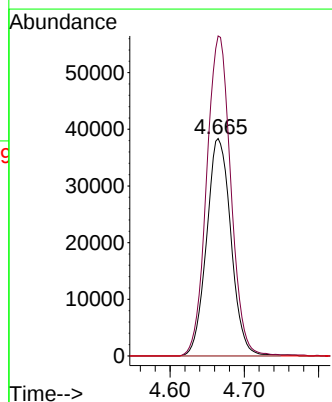
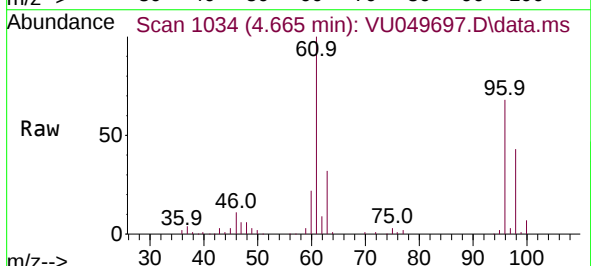
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

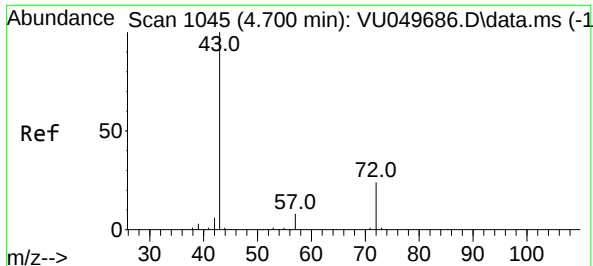
Tgt Ion: 63 Resp: 163530
Ion Ratio Lower Upper
63 100
65 32.2 22.6 42.0
83 14.2 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 48.652 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 96 Resp: 87506
Ion Ratio Lower Upper
96 100
61 147.1 101.1 187.7
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 97.881 ug/L

RT: 4.700 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

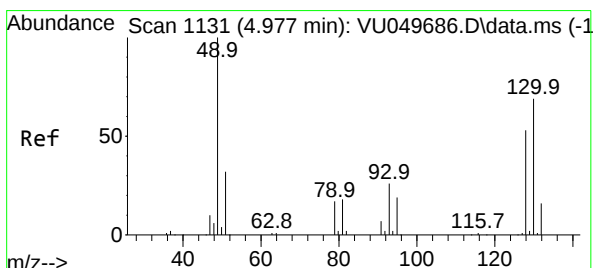
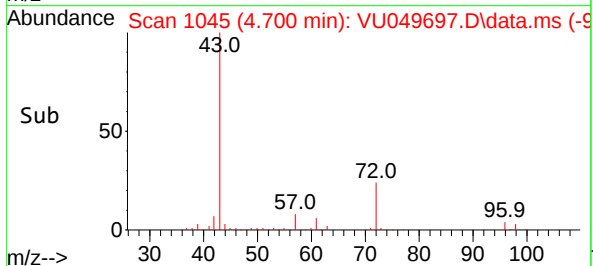
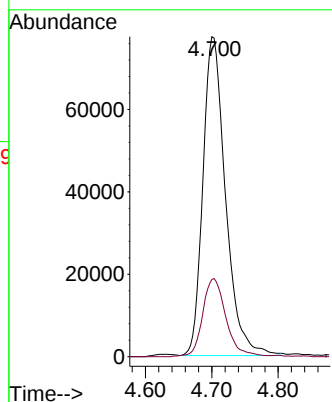
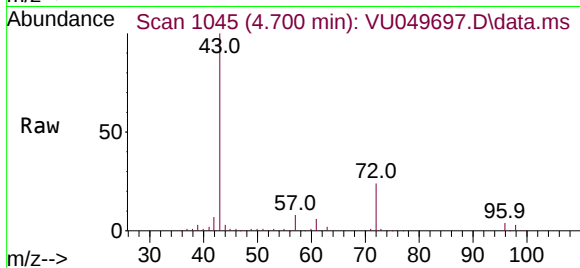
VSTD050161

Tgt Ion: 43 Resp: 183548

Ion Ratio Lower Upper

43 100

72 25.2 12.7 38.0



#23

Bromochloromethane

Concen: 51.458 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

Tgt Ion: 128 Resp: 46181

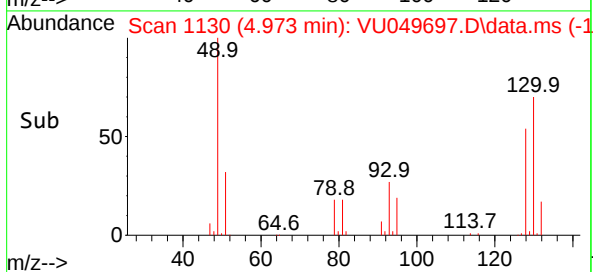
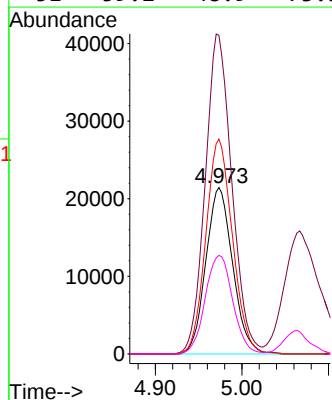
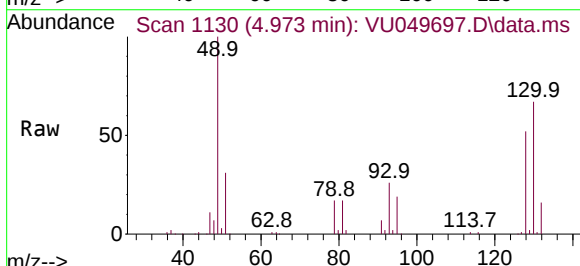
Ion Ratio Lower Upper

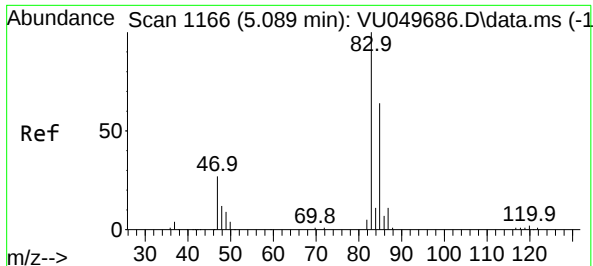
128 100

49 191.4 140.9 261.7

130 129.1 90.0 167.2

51 59.2 48.9 73.3





#25

Chloroform

Concen: 50.795 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

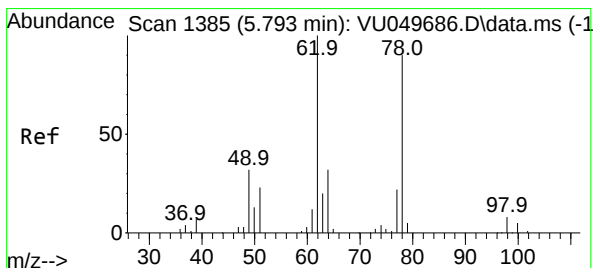
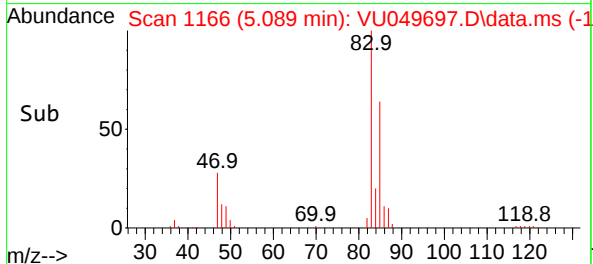
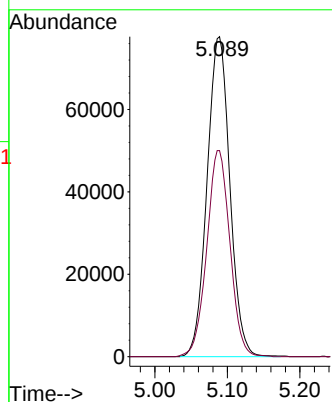
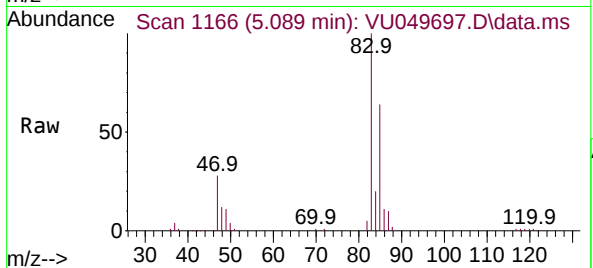
VSTD050161

Tgt Ion: 83 Resp: 169703

Ion Ratio Lower Upper

83 100

85 64.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 49.933 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU049697.D

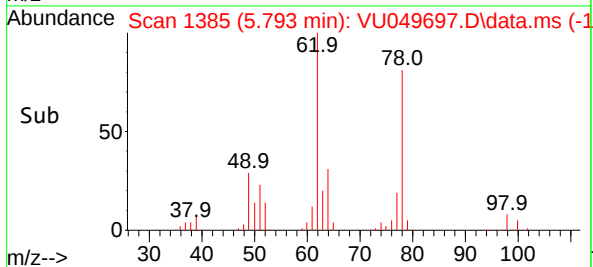
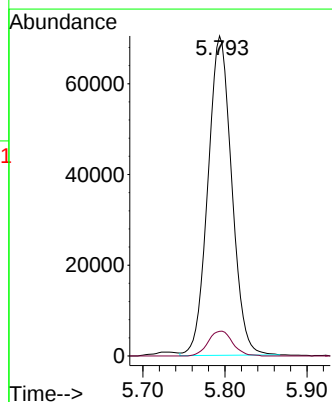
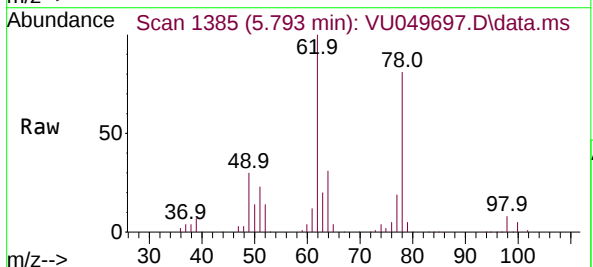
Acq: 13 Jul 2022 10:22

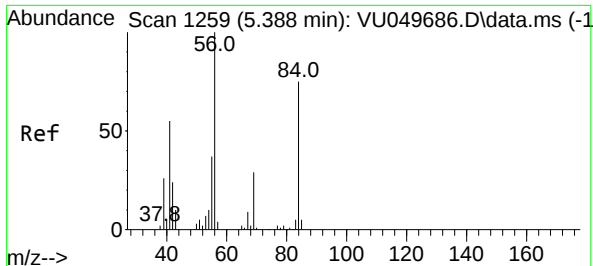
Tgt Ion: 62 Resp: 142050

Ion Ratio Lower Upper

62 100

98 7.7 6.7 10.1





#29

Cyclohexane

Concen: 43.066 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD050161

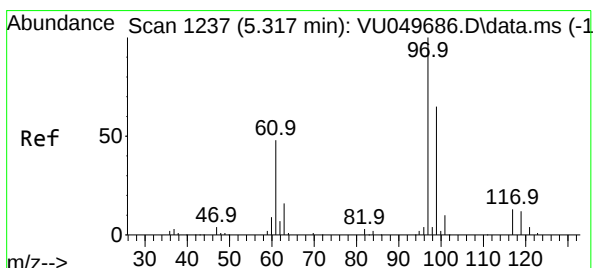
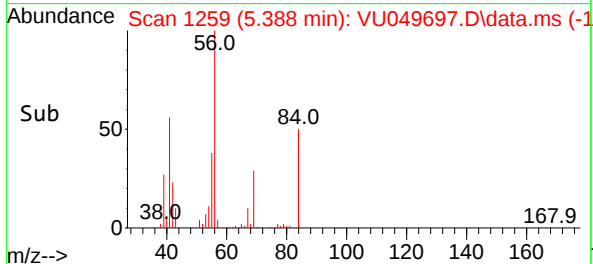
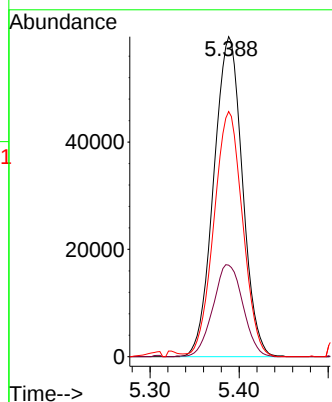
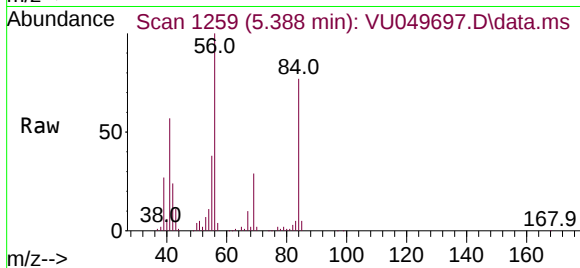
Tgt Ion: 56 Resp: 133317

Ion Ratio Lower Upper

56 100

69 29.9 23.4 35.2

84 76.9 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 46.337 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

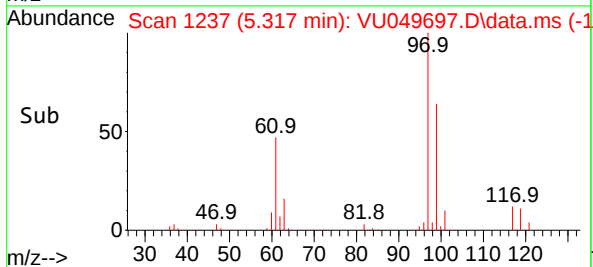
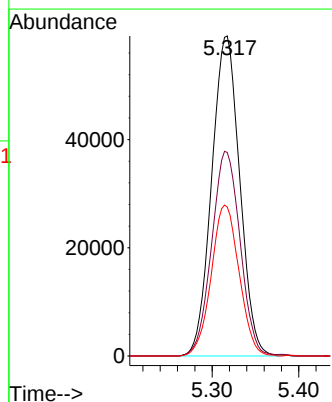
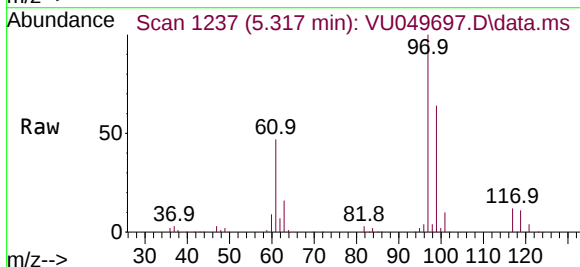
Tgt Ion: 97 Resp: 133043

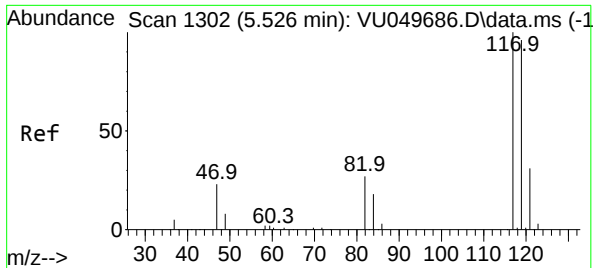
Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 46.9 38.2 57.2

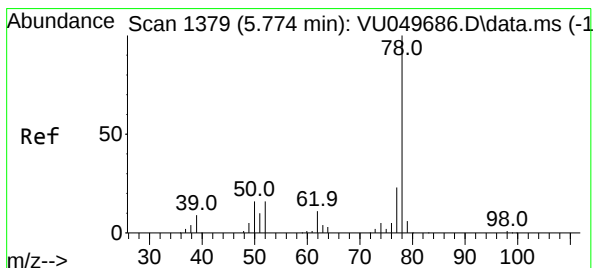
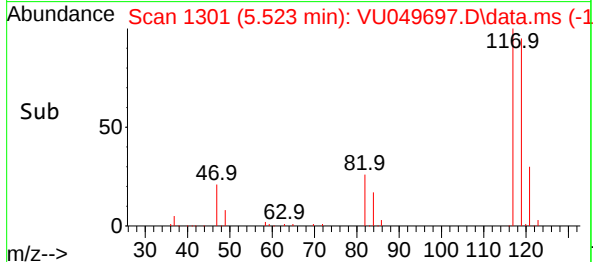
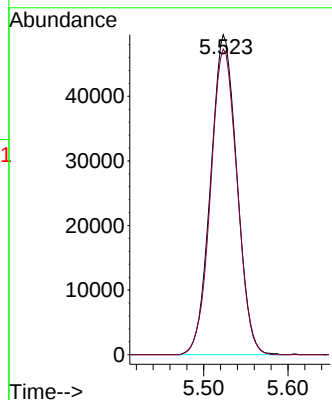
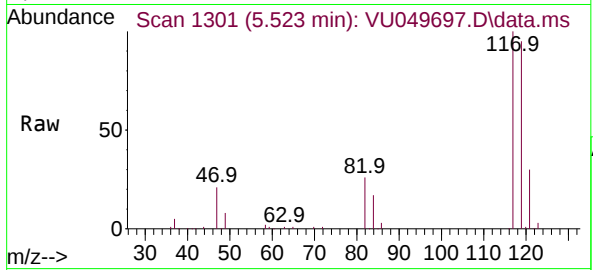




#31
Carbon tetrachloride
Concen: 45.587 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

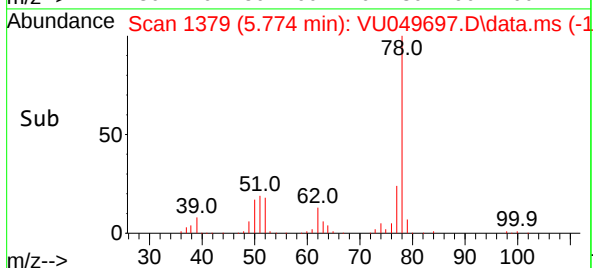
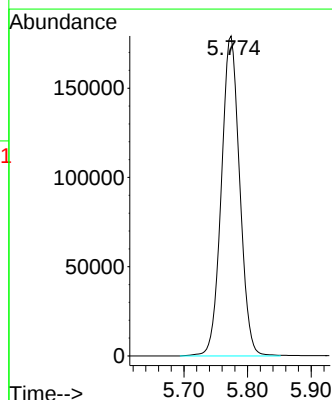
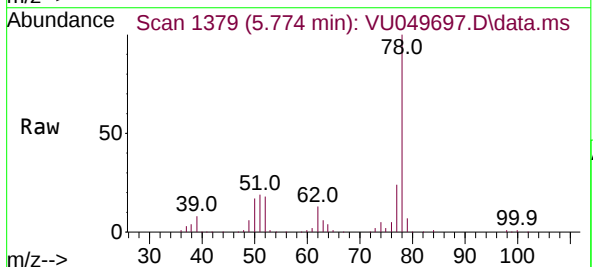
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

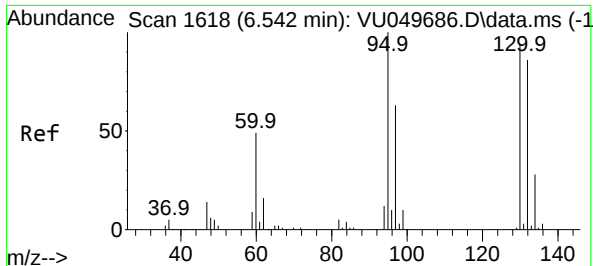
Tgt Ion:117 Resp: 107052
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8



#33
Benzene
Concen: 48.152 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 78 Resp: 358955

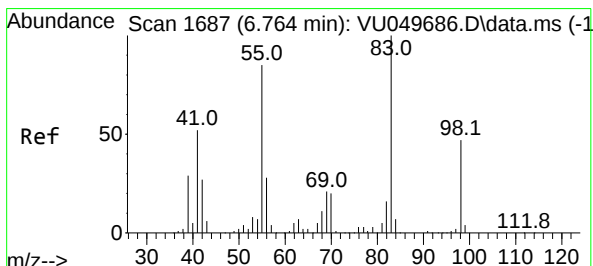
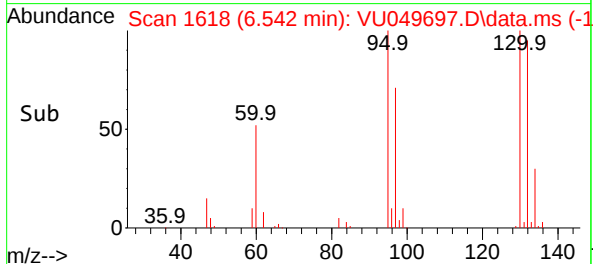
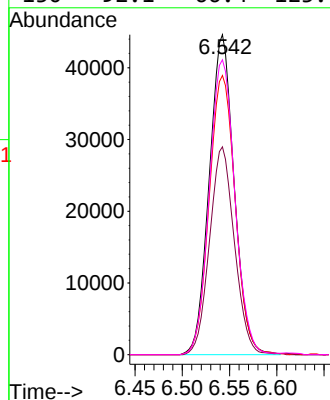
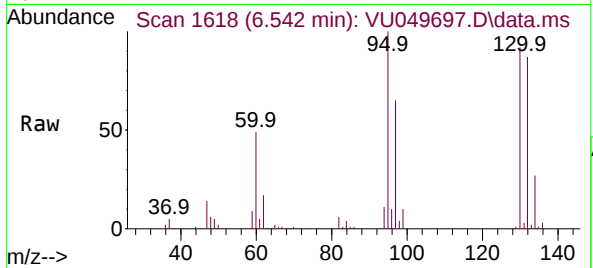




#34
Trichloroethene
Concen: 45.274 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

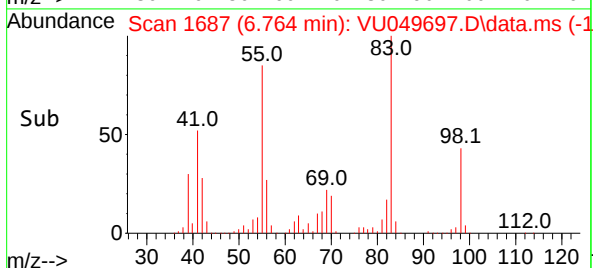
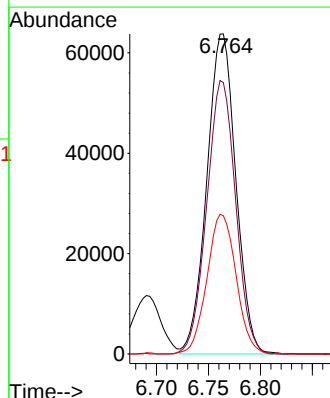
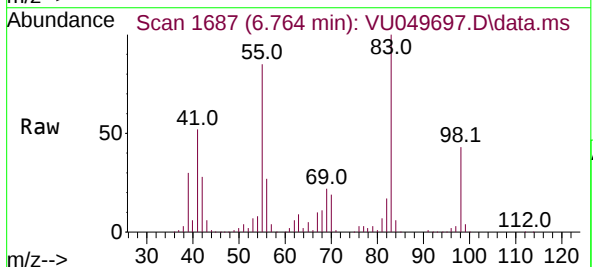
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

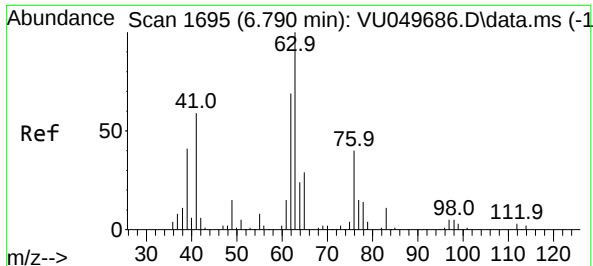
Tgt Ion: 95 Resp: 81583
Ion Ratio Lower Upper
95 100
97 65.0 46.9 87.1
132 87.2 62.7 116.5
130 92.1 66.4 123.4



#35
Methylcyclohexane
Concen: 43.799 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 83 Resp: 124024
Ion Ratio Lower Upper
83 100
55 85.2 66.0 99.0
98 43.8 34.6 51.8





#37

1,2-Dichloropropane

Concen: 48.931 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

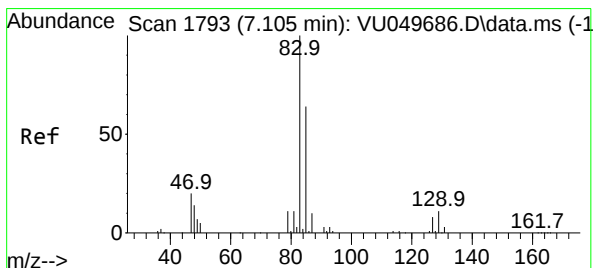
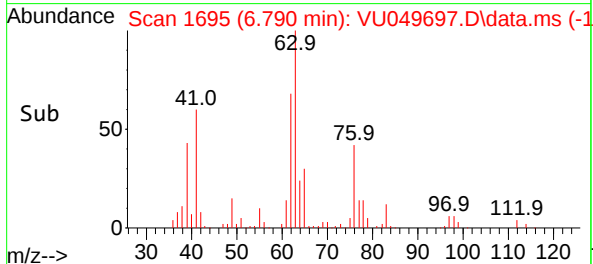
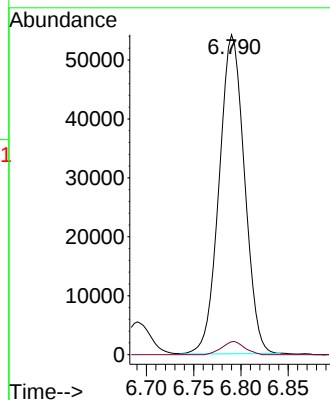
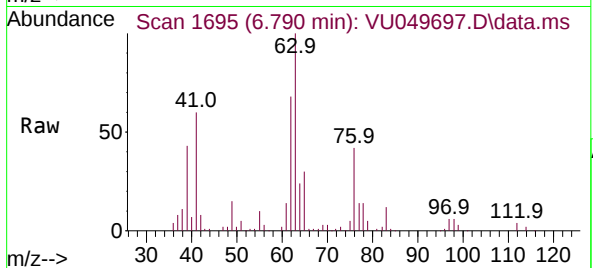
VSTD050161

Tgt Ion: 63 Resp: 101104

Ion Ratio Lower Upper

63 100

112 3.7 2.8 4.2



#38

Bromodichloromethane

Concen: 48.632 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

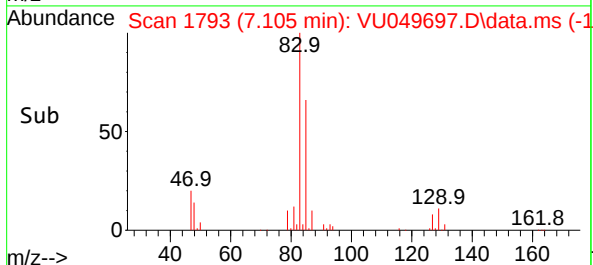
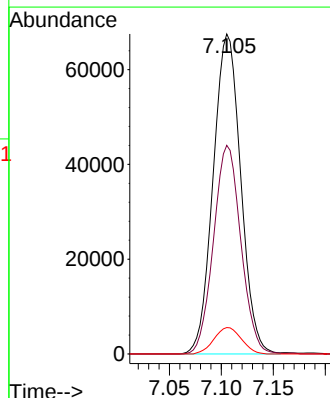
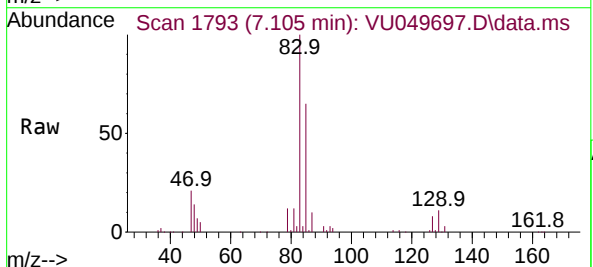
Tgt Ion: 83 Resp: 124586

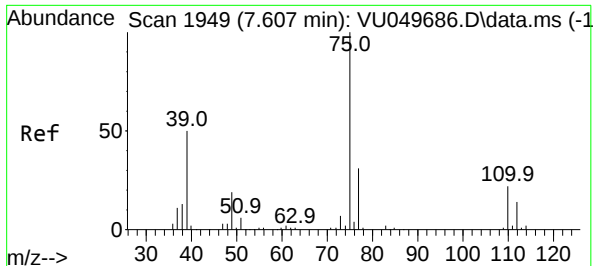
Ion Ratio Lower Upper

83 100

85 65.2 45.4 84.2

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 48.721 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

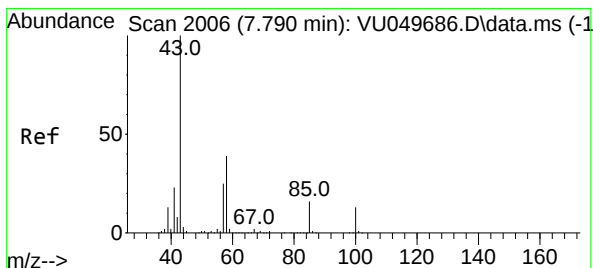
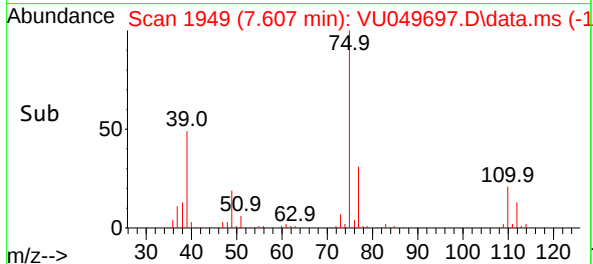
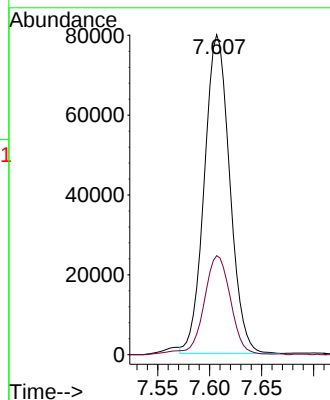
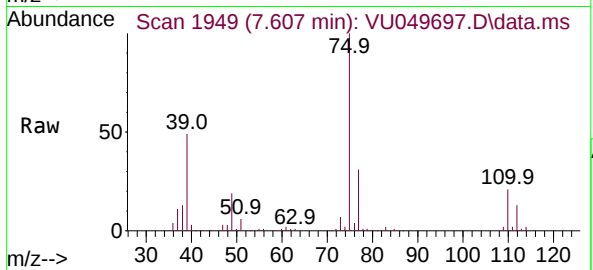
VSTD050161

Tgt Ion: 75 Resp: 135771

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 100.101 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

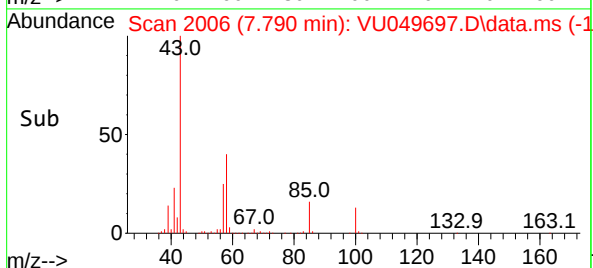
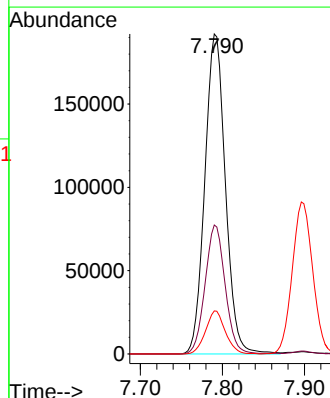
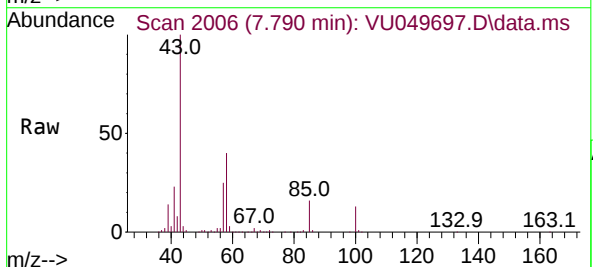
Tgt Ion: 43 Resp: 334841

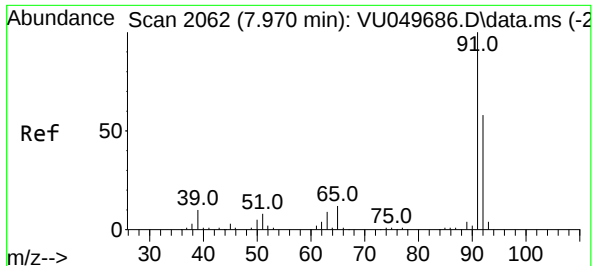
Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.0

100 12.9 10.3 15.5

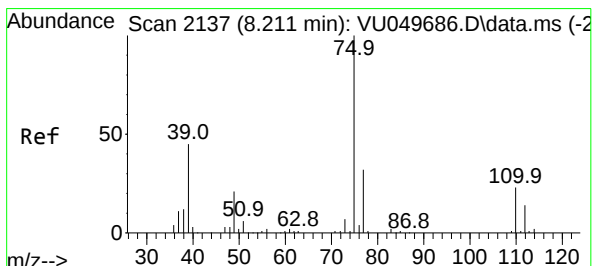
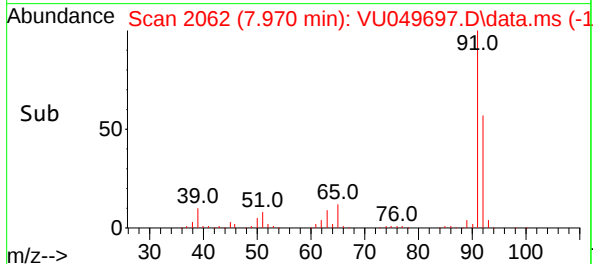
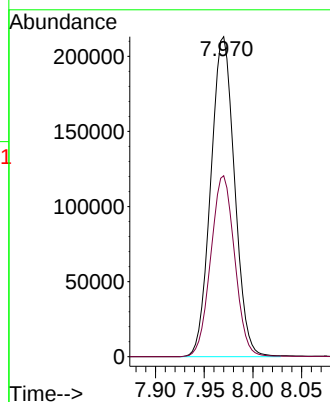
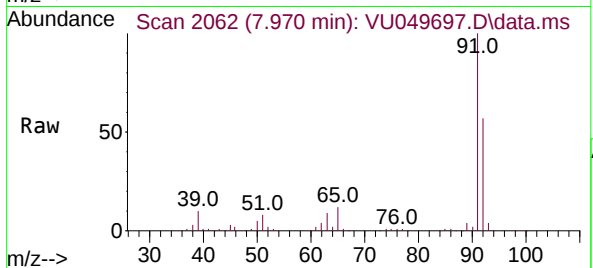




#42
Toluene
Concen: 48.864 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

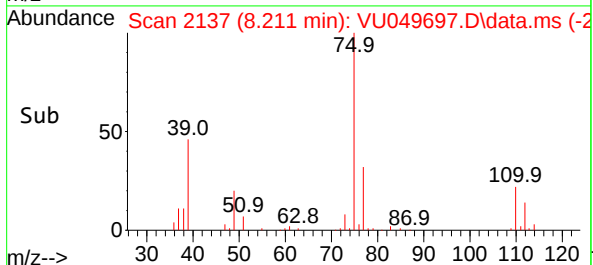
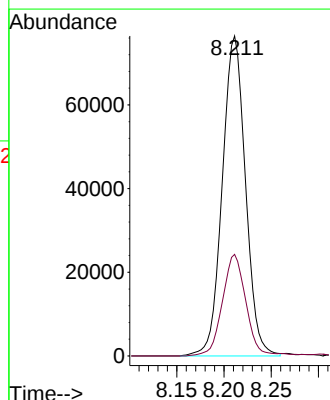
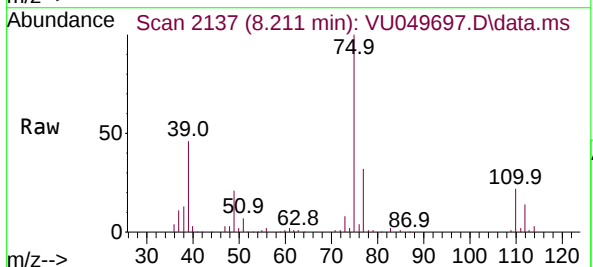
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

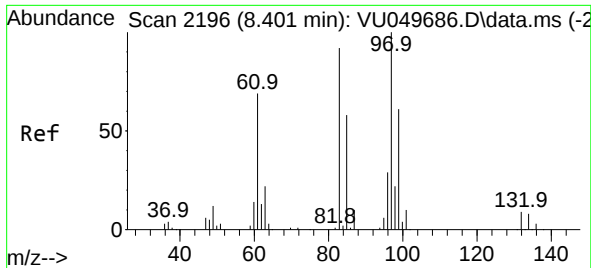
Tgt Ion: 91 Resp: 362033
Ion Ratio Lower Upper
91 100
92 56.5 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 49.885 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 75 Resp: 130527
Ion Ratio Lower Upper
75 100
77 31.8 22.5 41.9

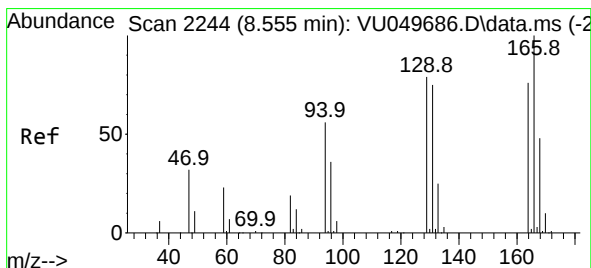
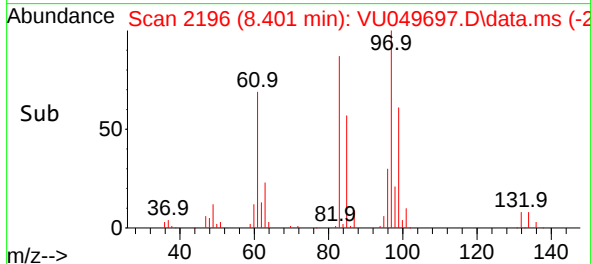
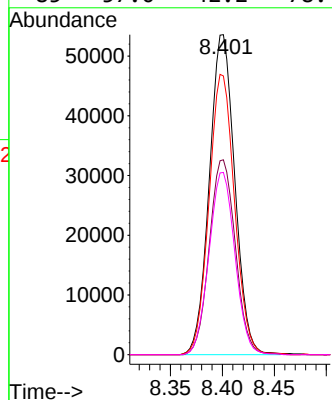
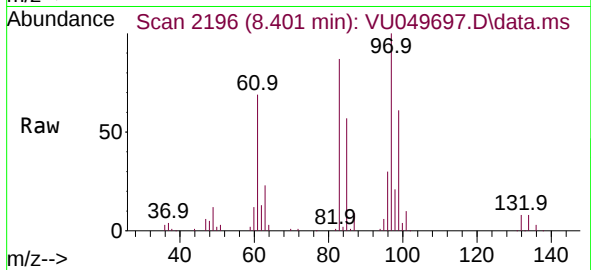




#45
1,1,2-Trichloroethane
Concen: 50.670 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

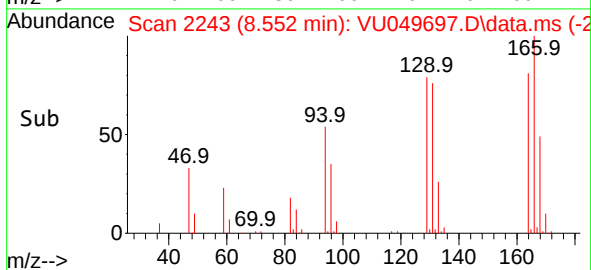
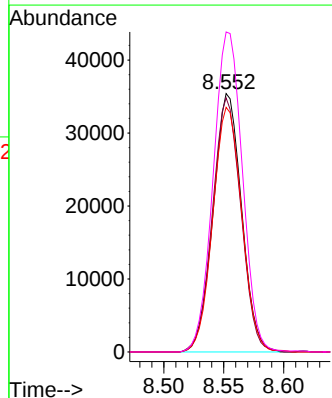
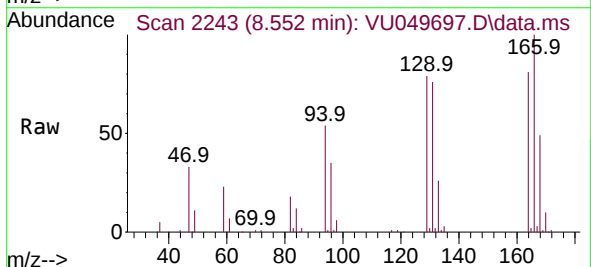
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

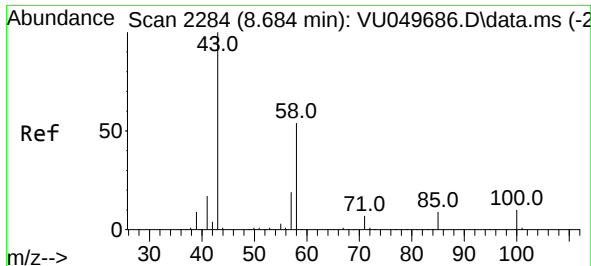
Tgt Ion:	97	Resp:	91385
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.3	82.3
83	87.1	64.0	118.8
85	57.0	42.2	78.4



#46
Tetrachloroethene
Concen: 46.658 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion:	164	Resp:	58313
Ion	Ratio	Lower	Upper
164	100		
129	98.3	72.0	133.8
131	94.7	69.0	128.1
166	123.8	91.1	169.3



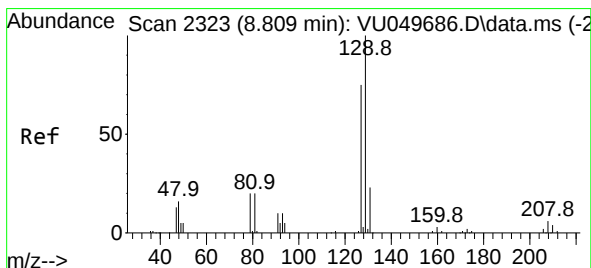
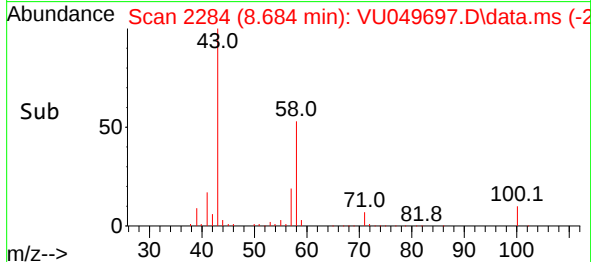
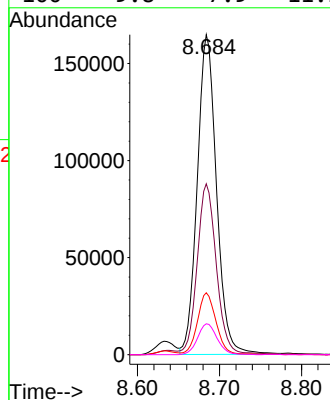
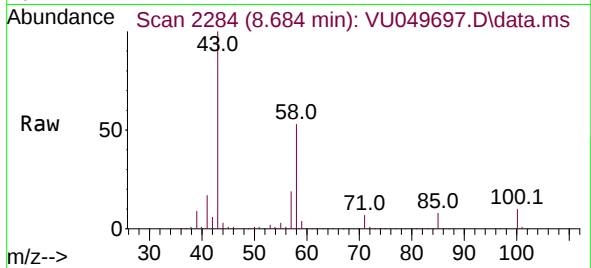


#48
2-Hexanone
Concen: 100.604 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

Tgt Ion: 43 Resp: 268922

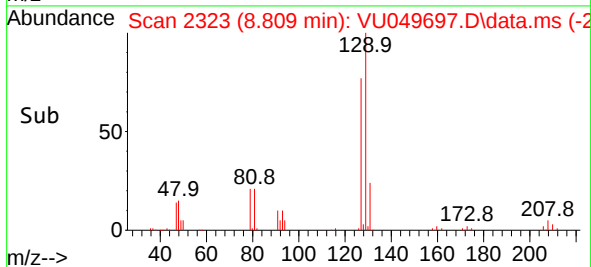
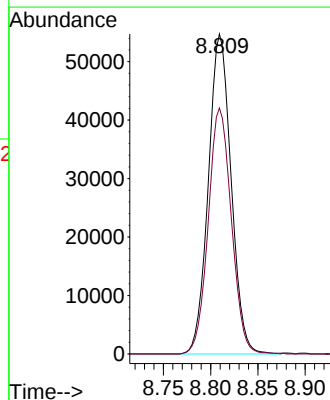
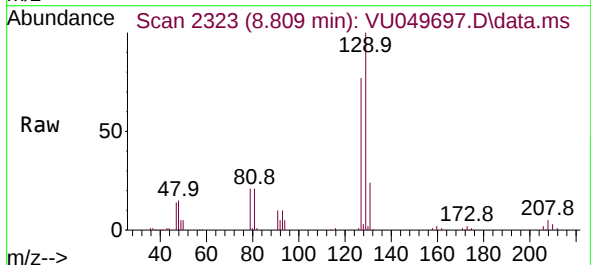
Ion	Ratio	Lower	Upper
43	100		
58	52.6	42.6	64.0
57	18.9	15.0	22.6
100	9.8	7.9	11.9

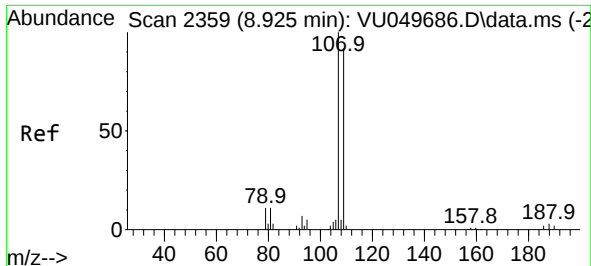


#49
Dibromochloromethane
Concen: 50.508 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 129 Resp: 91620

Ion	Ratio	Lower	Upper
129	100		
127	76.8	56.9	105.7





#50

1,2-Dibromoethane

Concen: 51.288 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

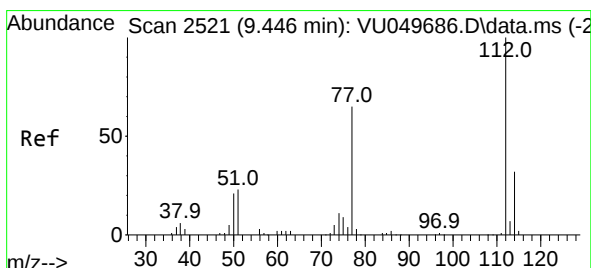
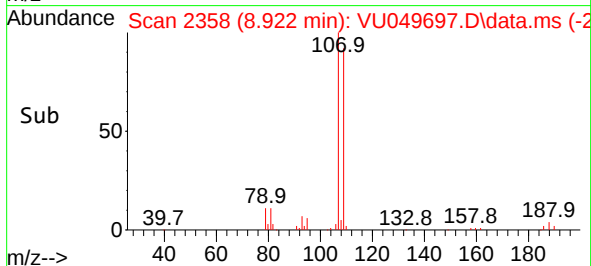
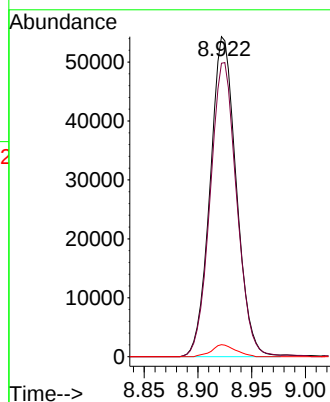
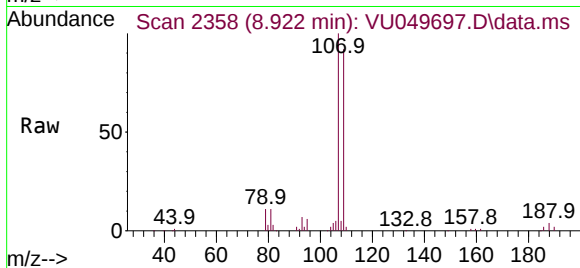
Instrument :

MSVOA_U

ClientSampleId :

VSTD050161

Tgt Ion:	107	Resp:	91886
Ion	Ratio	Lower	Upper
107	100		
109	91.7	65.7	121.9
188	3.8	2.7	4.1



#51

Chlorobenzene

Concen: 47.712 ug/L

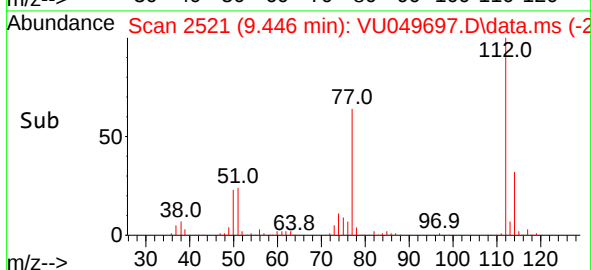
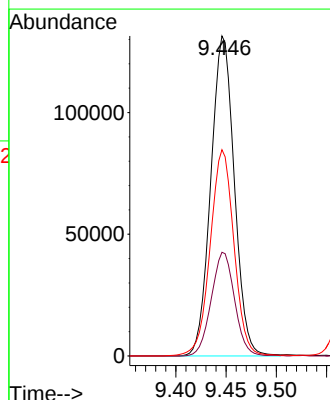
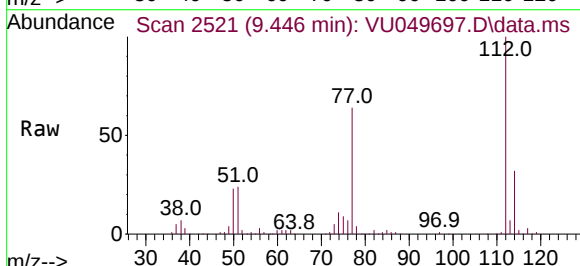
RT: 9.446 min Scan# 2521

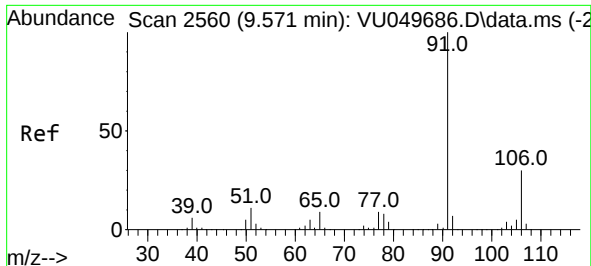
Delta R.T. -0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

Tgt Ion:	112	Resp:	214072
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.1	41.1
77	64.4	51.2	76.8

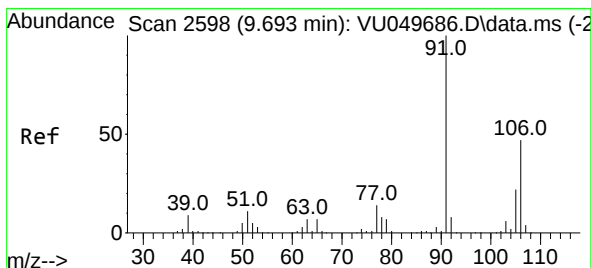
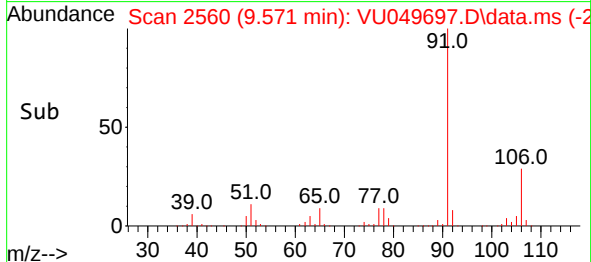
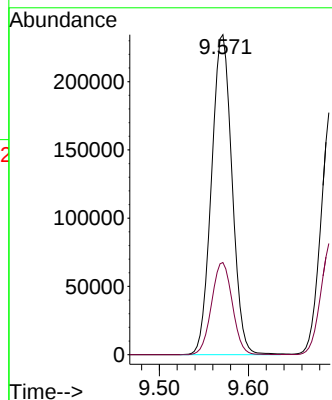
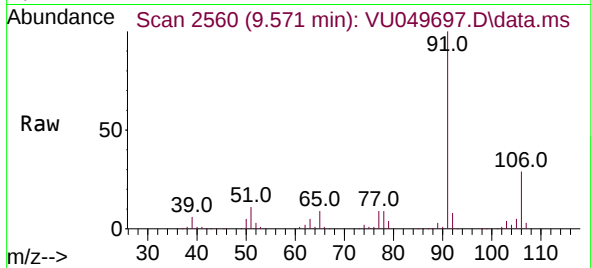




#52
Ethylbenzene
Concen: 47.914 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

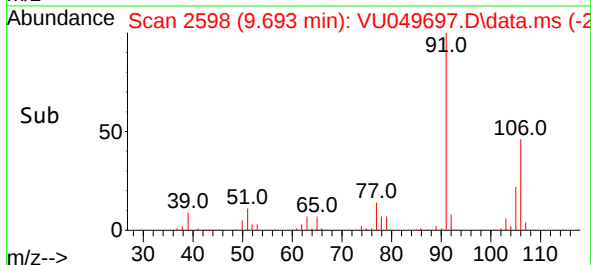
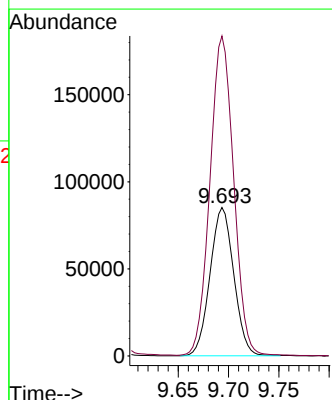
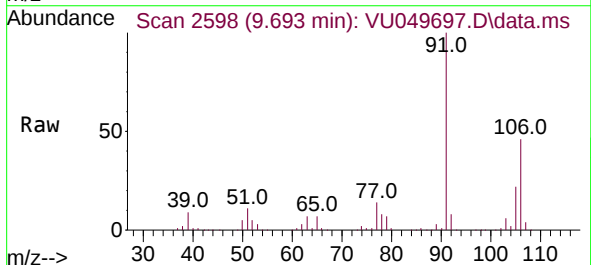
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

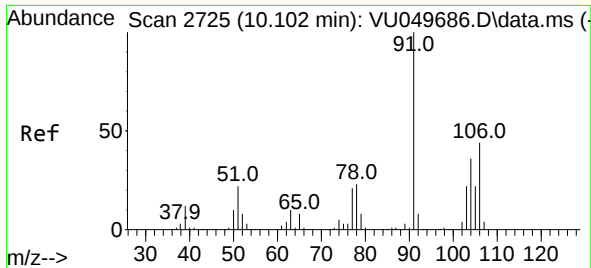
Tgt Ion: 91 Resp: 374610
Ion Ratio Lower Upper
91 100
106 28.8 21.0 39.0



#53
m,p-Xylene
Concen: 49.097 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 106 Resp: 139580
Ion Ratio Lower Upper
106 100
91 215.6 151.7 281.7

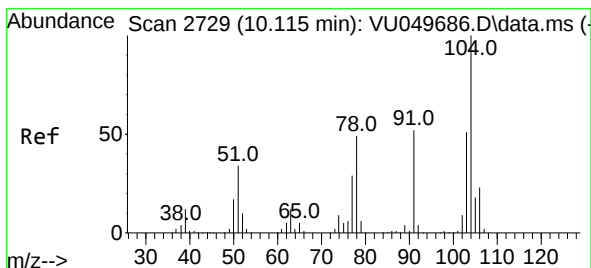
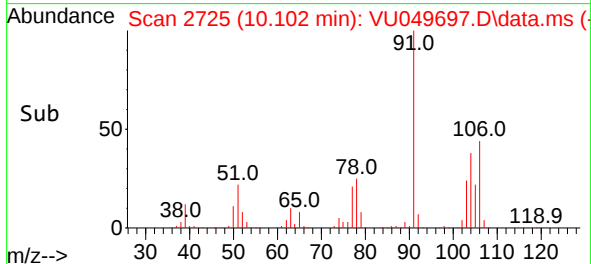
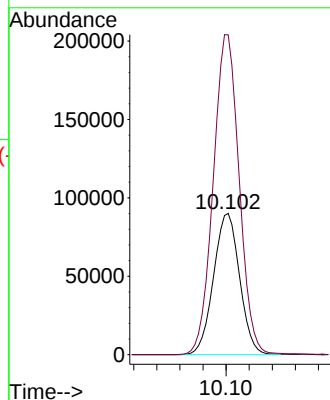
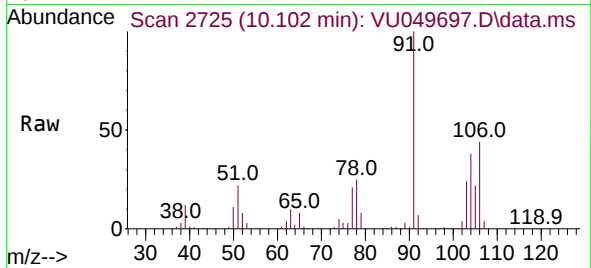




#54
o-Xylene
Concen: 49.281 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

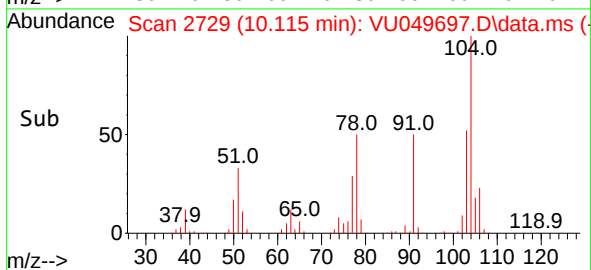
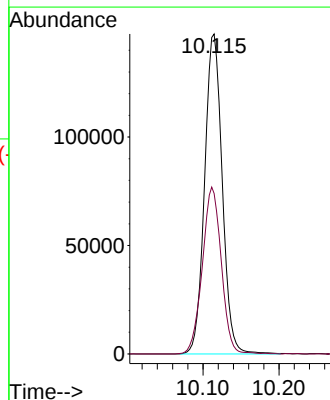
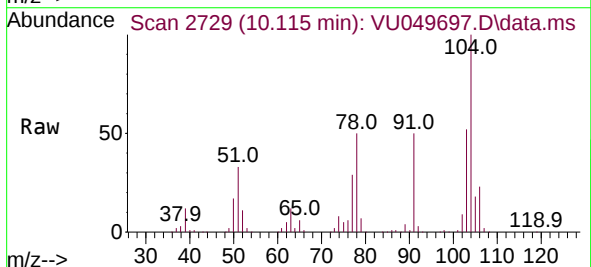
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

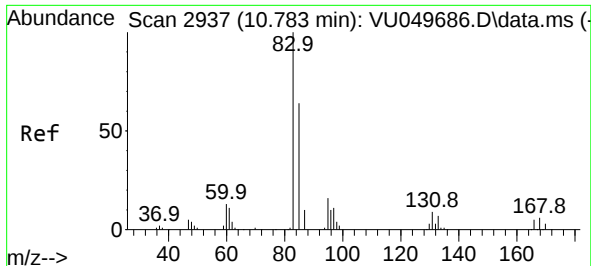
Tgt Ion:106 Resp: 141071
Ion Ratio Lower Upper
106 100
91 226.4 156.9 291.5



#55
Styrene
Concen: 50.367 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion:104 Resp: 237941
Ion Ratio Lower Upper
104 100
78 50.1 36.1 67.1

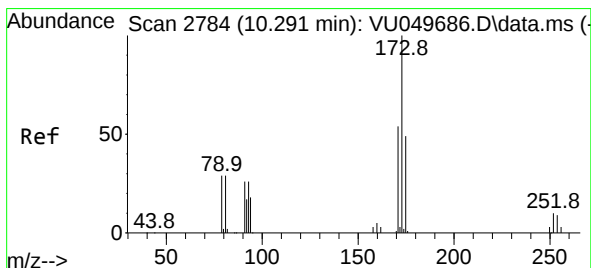
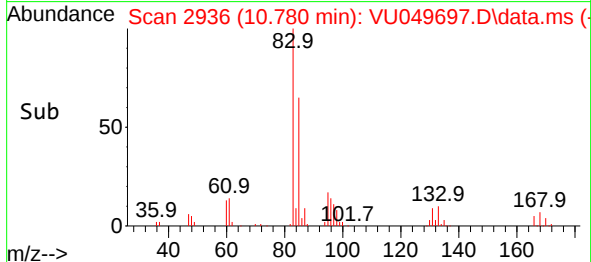
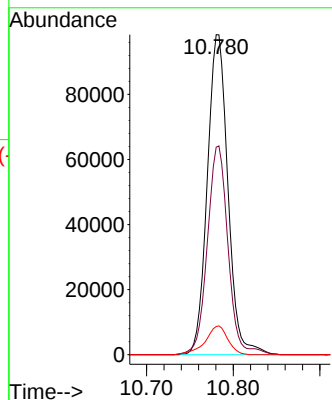
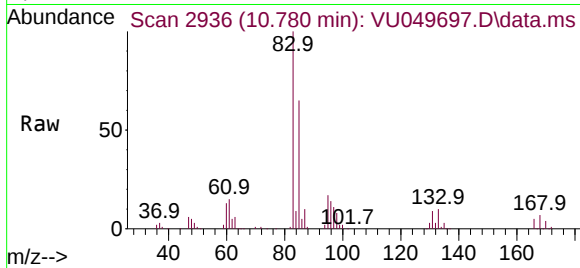




#57
1,1,2,2-Tetrachloroethane
Concen: 50.436 ug/L
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

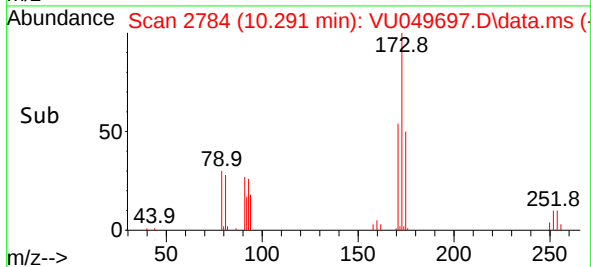
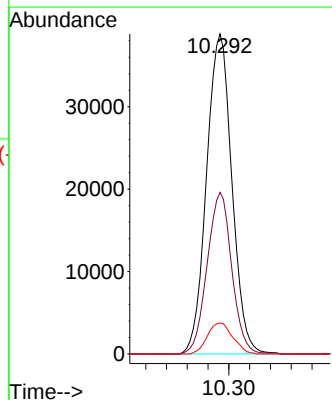
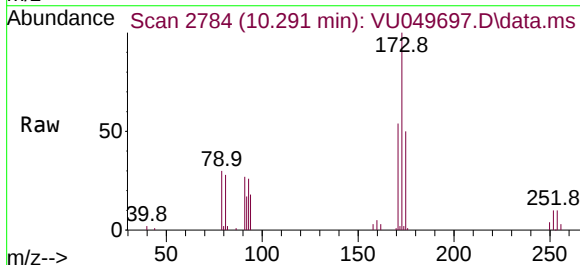
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

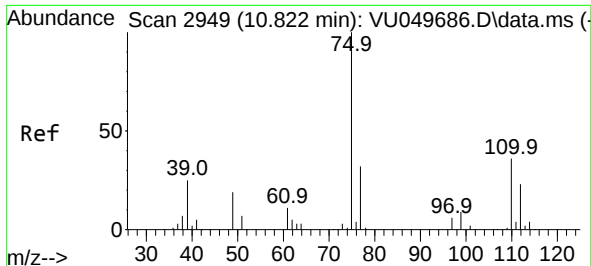
Tgt Ion: 83 Resp: 162828
Ion Ratio Lower Upper
83 100
85 64.9 45.0 83.6
131 8.8 7.0 10.6



#59
Bromoform
Concen: 50.075 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 173 Resp: 65732
Ion Ratio Lower Upper
173 100
175 48.9 38.6 58.0
254 9.7 7.4 11.0

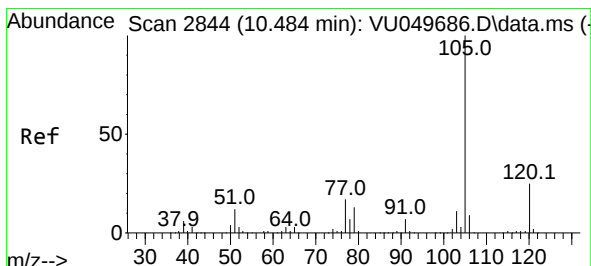
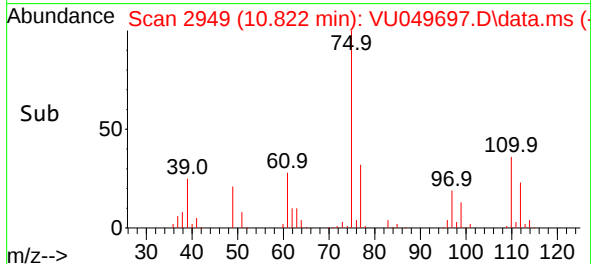
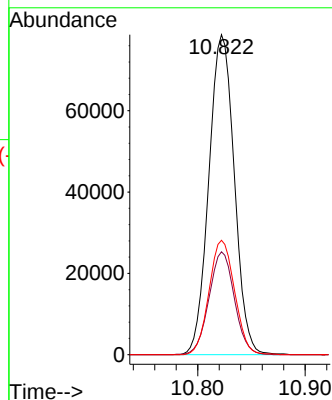
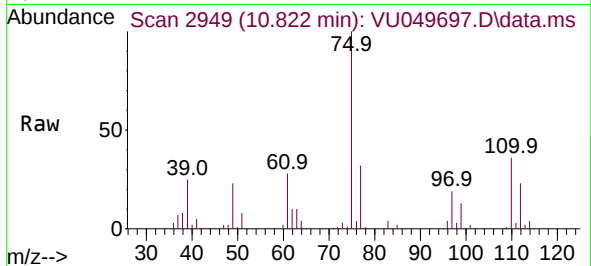




#60
1,2,3-Trichloropropane
Concen: 49.700 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

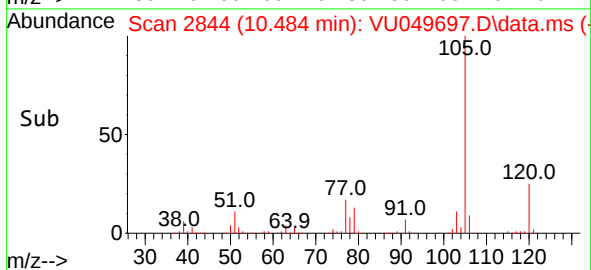
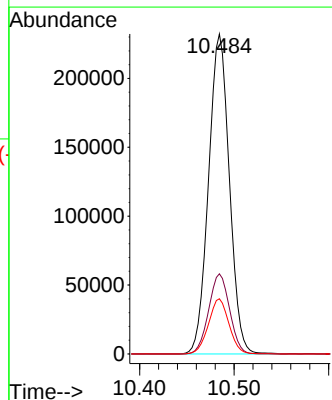
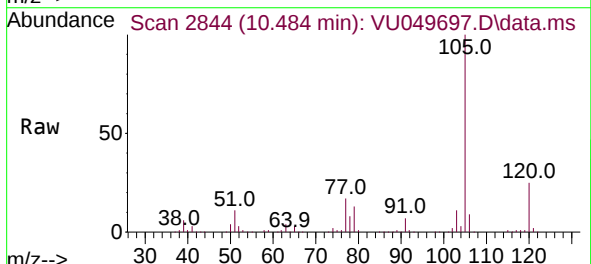
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

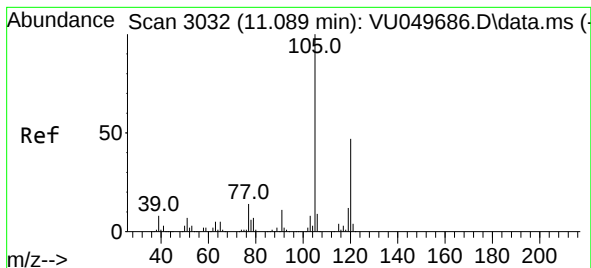
Tgt Ion:	75	Resp:	129559
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3
110	35.9	28.9	43.3



#61
Isopropylbenzene
Concen: 48.619 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion:	105	Resp:	355302
Ion	Ratio	Lower	Upper
105	100		
120	25.2	19.9	29.9
77	17.0	13.8	20.8





#62

1,3,5-Trimethylbenzene

Concen: 49.645 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049697.D

Acq: 13 Jul 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

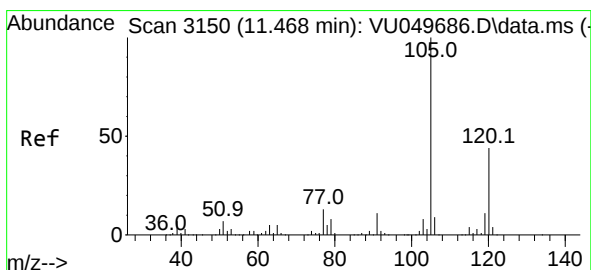
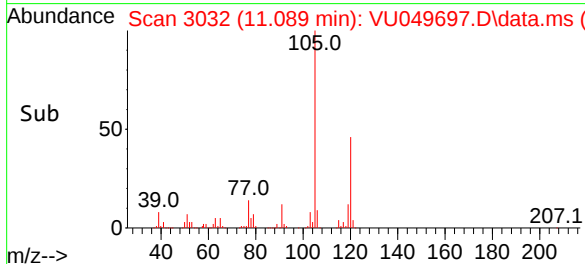
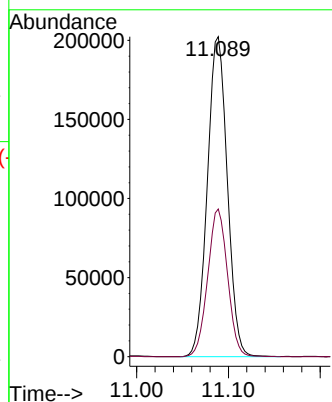
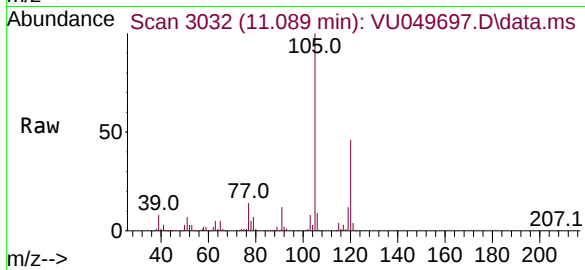
VSTD050161

Tgt Ion:105 Resp: 306020

Ion Ratio Lower Upper

105 100

120 45.9 36.8 55.2



#63

1,2,4-Trimethylbenzene

Concen: 49.549 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049697.D

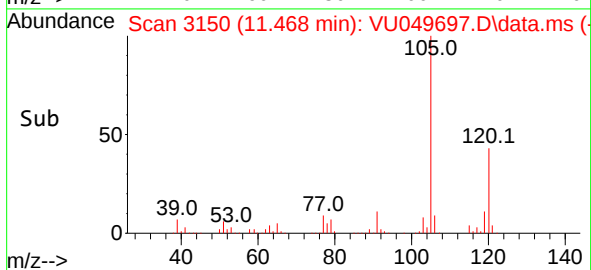
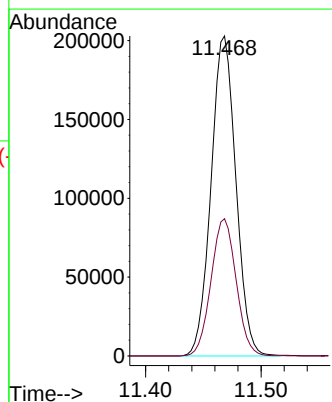
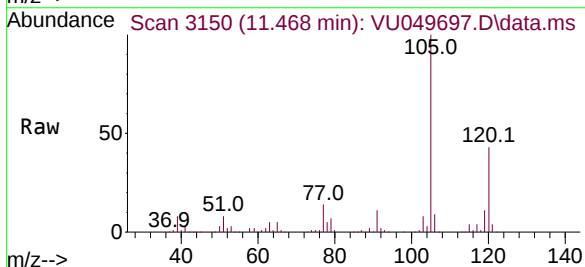
Acq: 13 Jul 2022 10:22

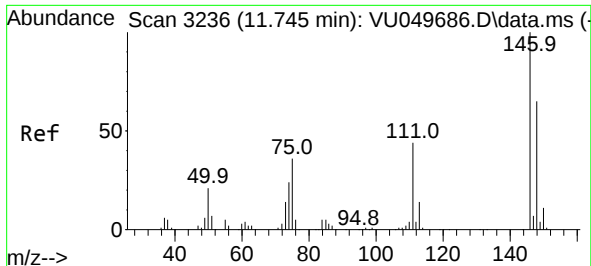
Tgt Ion:105 Resp: 303428

Ion Ratio Lower Upper

105 100

120 43.4 33.9 50.9

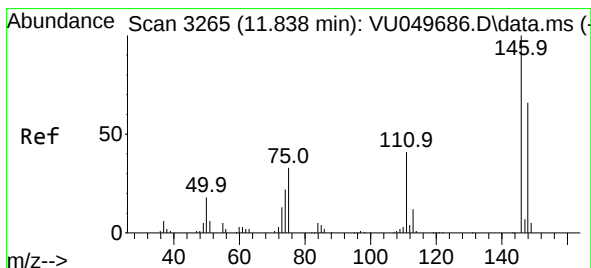
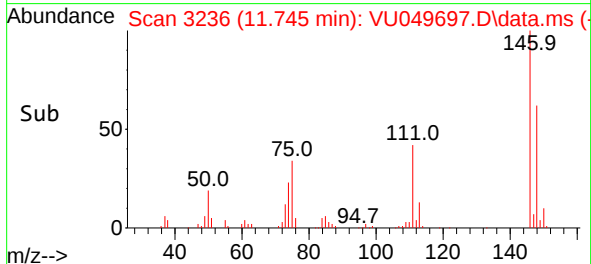
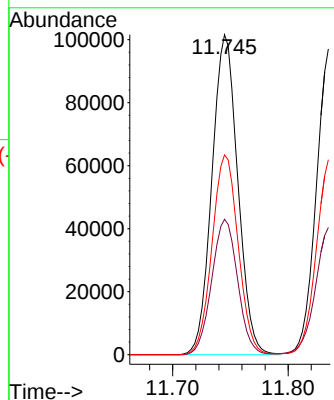
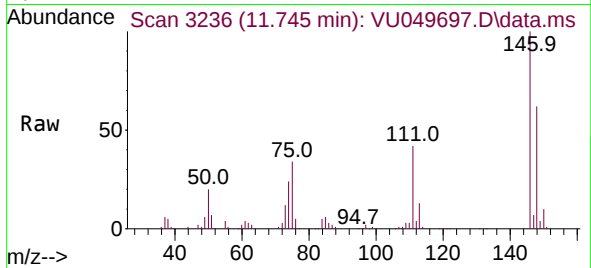




#64
1,3-Dichlorobenzene
Concen: 49.522 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

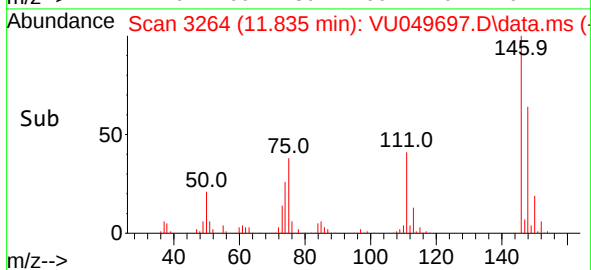
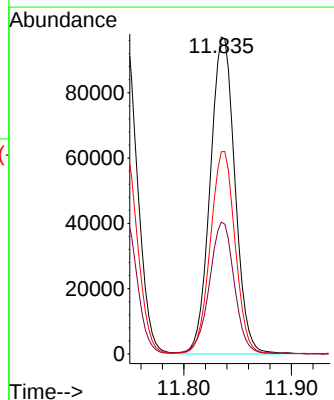
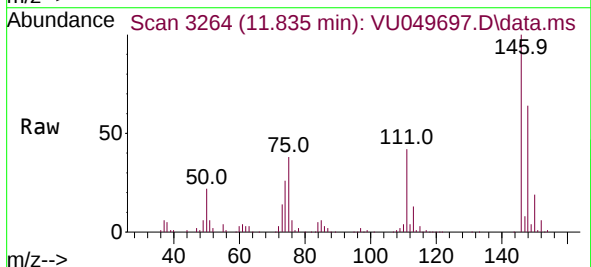
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

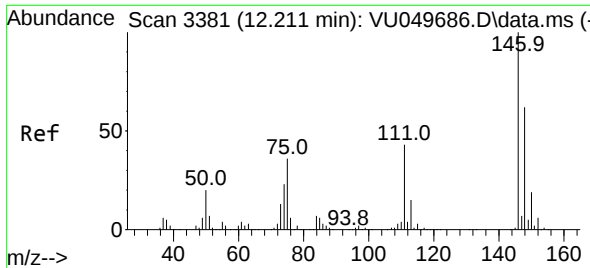
Tgt Ion:146 Resp: 157982
Ion Ratio Lower Upper
146 100
111 42.3 30.0 55.6
148 62.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 48.482 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion:146 Resp: 155362
Ion Ratio Lower Upper
146 100
111 41.6 29.1 54.1
148 63.8 44.4 82.4

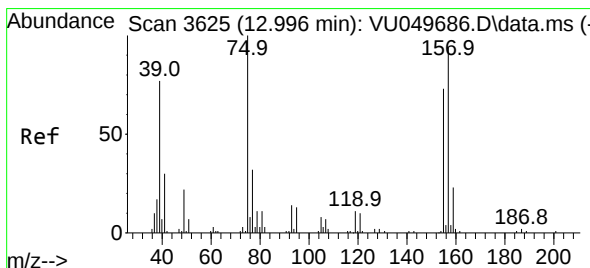
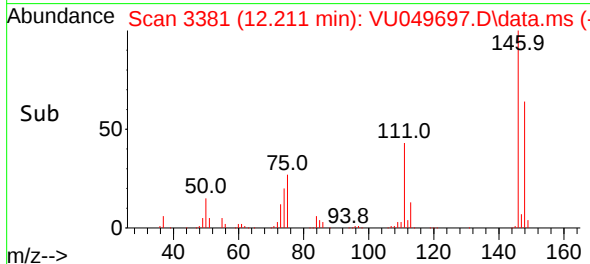
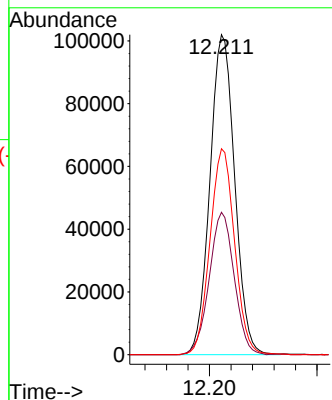
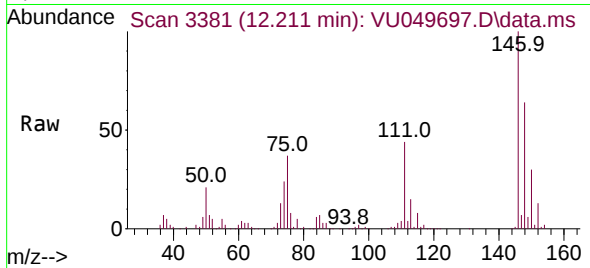




#67
1,2-Dichlorobenzene
Concen: 49.132 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

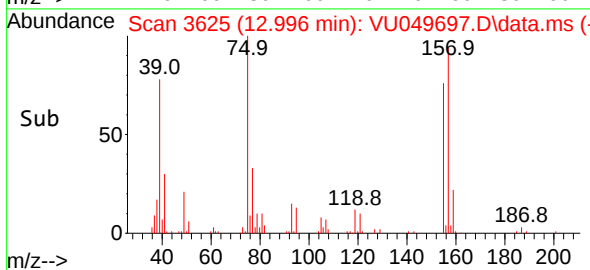
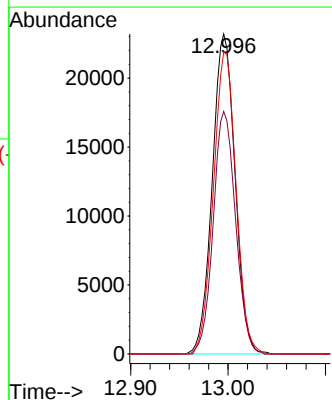
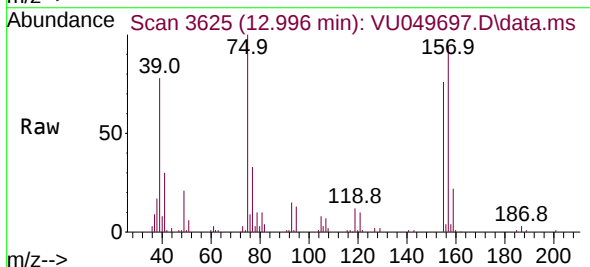
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

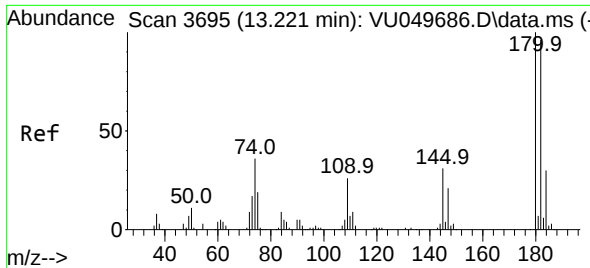
Tgt Ion:146 Resp: 162980
Ion Ratio Lower Upper
146 100
111 44.5 35.8 53.8
148 64.4 52.7 79.1



#68
1,2-Dibromo-3-chloropropane
Concen: 49.249 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 75 Resp: 37618
Ion Ratio Lower Upper
75 100
155 75.8 57.7 86.5
157 94.4 75.6 113.4



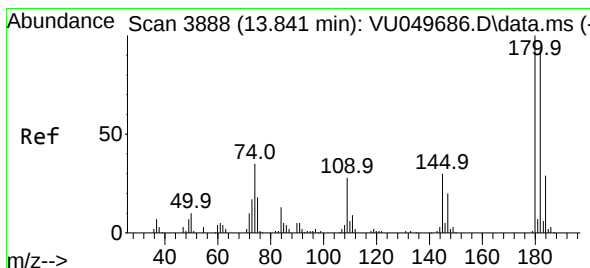
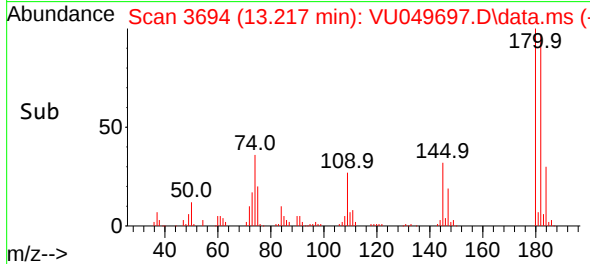
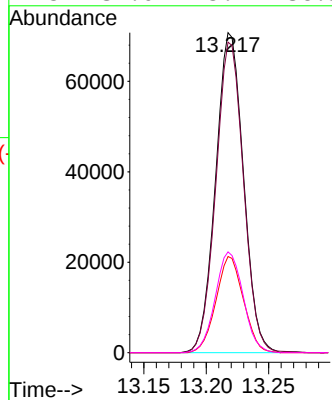
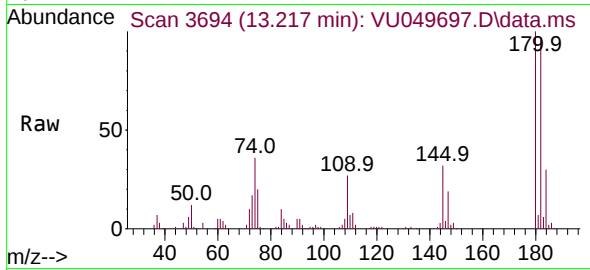


#69
 1,3,5-Trichlorobenzene
 Concen: 49.180 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU049697.D
 Acq: 13 Jul 2022 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

Tgt Ion:180 Resp: 109936

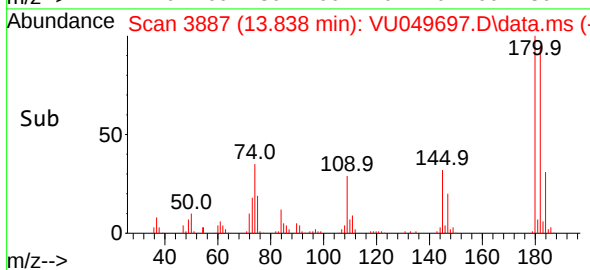
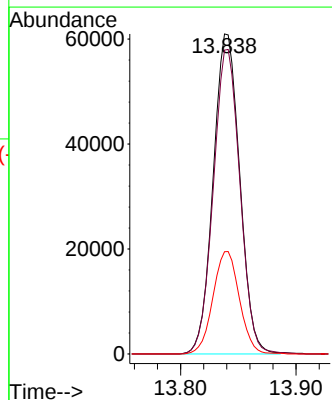
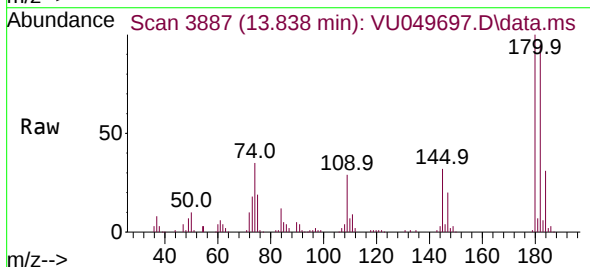
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.0	114.0
184	29.6	24.0	36.0
145	31.6	25.7	38.5

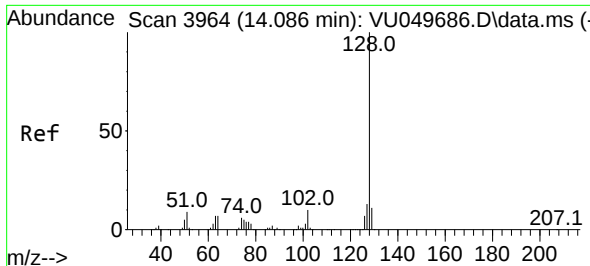


#70
 1,2,4-trichlorobenzene
 Concen: 47.454 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU049697.D
 Acq: 13 Jul 2022 10:22

Tgt Ion:180 Resp: 97346

Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.8	112.2
145	31.9	24.7	37.1

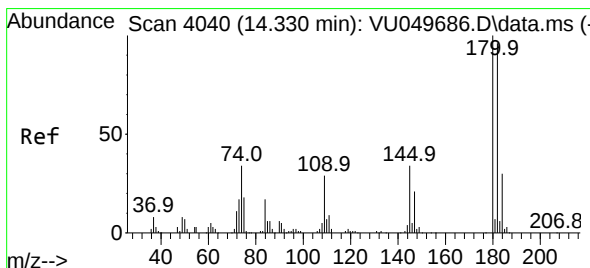
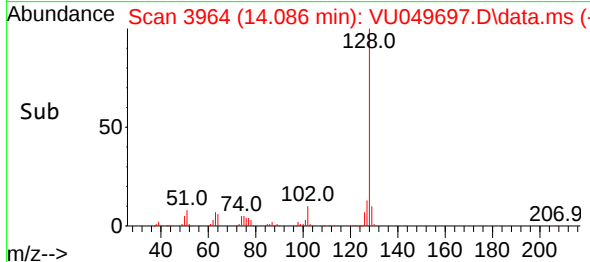
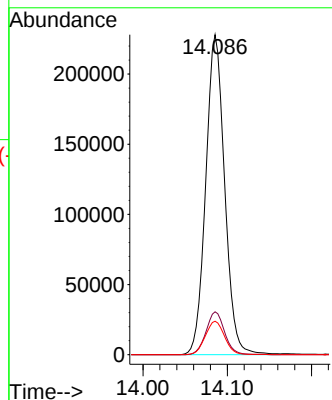
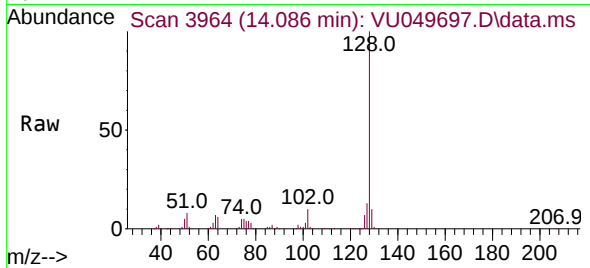




#71
Naphthalene
Concen: 48.666 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

Tgt Ion:128 Resp: 356881
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.6 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.550 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049697.D
Acq: 13 Jul 2022 10:22

Tgt Ion:180 Resp: 105289
Ion Ratio Lower Upper
180 100
182 96.2 76.6 115.0
145 33.8 27.1 40.7

