

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060123\
 Data File : VU054380.D
 Acq On : 01 Jun 2023 17:54
 Operator : JC/MD
 Sample : VSTD20027
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200027

Quant Time: Jun 02 01:31:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM060123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 02 01:29:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	379355	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	372970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	217527	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	581298	197.195	ug/L	0.00
7) Chloroethane-d5	1.900	69	328223	163.409	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.559	65	235122	196.408	ug/L	0.00
21) 2-Butanone-d5	4.617	46	965098	408.555	ug/L	0.00
24) Chloroform-d	5.054	84	995507	195.463	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.694	65	608962	193.242	ug/L	0.00
32) Benzene-d6	5.719	84	1986099	198.706	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	658510	196.573	ug/L	0.00
41) Toluene-d8	7.893	98	1810702	200.231	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	323286	205.308	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	696771	453.667	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	999182	199.405	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	753073	197.253	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	262812	182.493	ug/L	99
3) Chloromethane	1.517	50	314958	177.617	ug/L	98
5) Vinyl chloride	1.601	62	355531	182.948	ug/L	100
6) Bromomethane	1.848	94	155498	157.622	ug/L	98
8) Chloroethane	1.919	64	174240	156.796	ug/L	99
9) Trichlorofluoromethane	2.128	101	515519	180.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	334595	178.528	ug/L	99
12) 1,1-Dichloroethene	2.572	96	287378	183.237	ug/L	100
13) Acetone	2.629	43	485186	300.064	ug/L	100
14) Carbon disulfide	2.787	76	536024	185.449	ug/L	98
15) Methyl Acetate	2.945	43	488353	183.182	ug/L	99
16) Methylene chloride	3.038	84	372397	159.505	ug/L	98
17) trans-1,2-Dichloroethene	3.343	96	292265	185.457	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	1225157	189.281	ug/L	99
19) 1,1-Dichloroethane	3.861	63	668451	181.958	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	392274	186.945	ug/L	98
22) 2-Butanone	4.700	43	742867	356.499	ug/L	100
23) Bromochloromethane	4.967	128	198503	183.067	ug/L	98
25) Chloroform	5.080	83	705963	180.275	ug/L	99
27) 1,2-Dichloroethane	5.787	62	520221	182.117	ug/L	100
29) Cyclohexane	5.382	56	464221	193.808	ug/L	98
30) 1,1,1-Trichloroethane	5.308	97	573337	182.688	ug/L	99
31) Carbon tetrachloride	5.517	117	484034	186.722	ug/L	97
33) Benzene	5.768	78	1387627	184.215	ug/L	100
34) Trichloroethene	6.536	95	366252	182.922	ug/L	99
35) Methylcyclohexane	6.758	83	481489	194.984	ug/L	98
37) 1,2-Dichloropropane	6.784	63	414177	185.993	ug/L	100
38) Bromodichloromethane	7.099	83	541618	184.365	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	651067	189.256	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	1386851	390.552	ug/L	99
42) Toluene	7.964	91	1495633	188.271	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	655197	195.522	ug/L	99

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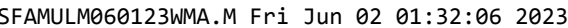
Instrument :
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 ClientSampleId :
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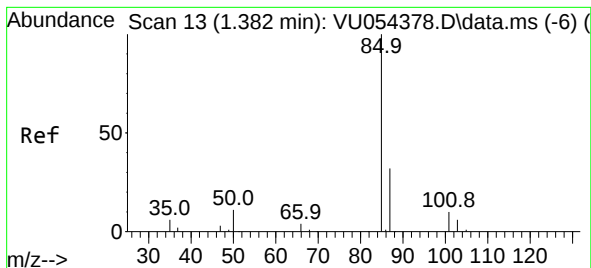
Quant Time: Jun 02 01:31:58 2023
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	430345	182.653	ug/L	99
46) Tetrachloroethene	8.549	164	265823	180.260	ug/L	99
48) 2-Hexanone	8.681	43	1098724	379.674	ug/L	99
49) Dibromochloromethane	8.806	129	433486	191.453	ug/L	98
50) 1,2-Dibromoethane	8.919	107	440596	182.274	ug/L	98
51) Chlorobenzene	9.443	112	1020717	183.203	ug/L	98
52) Ethylbenzene	9.565	91	1750912	195.020	ug/L	99
53) m,p-Xylene	9.690	106	651869	193.513	ug/L	98
54) o-Xylene	10.095	106	661313	197.628	ug/L	100
55) Styrene	10.108	104	1175761	201.151	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	775732	186.124	ug/L	99
59) Bromoform	10.285	173	371245	191.414	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	602171	181.750	ug/L	98
61) Isopropylbenzene	10.478	105	1797813	193.480	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	1526862	204.283	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	1526421	206.258	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	885133	186.016	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	906118	179.785	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	902474	182.632	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	186066	195.019	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	678830	191.346	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	657343	197.048	ug/L	99
71) Naphthalene	14.079	128	2244120	214.192	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	665721	196.062	ug/L	100

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

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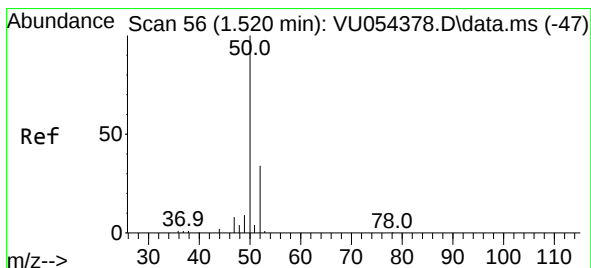
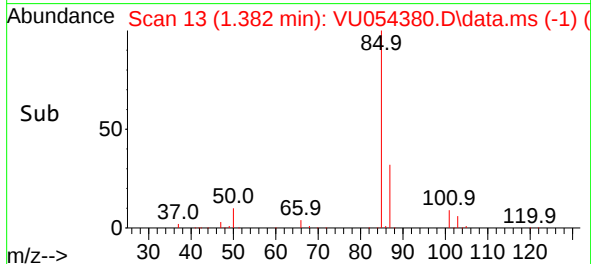
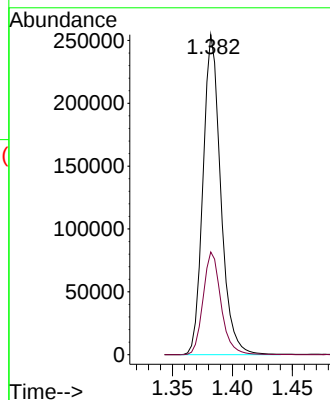
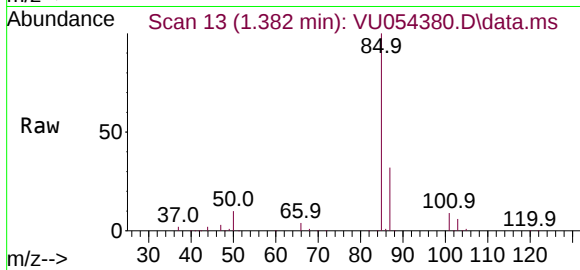




#2
Dichlorodifluoromethane
Concen: 182.493 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

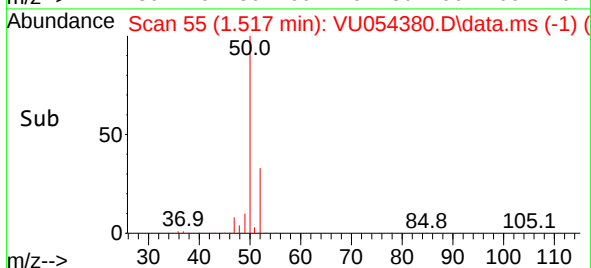
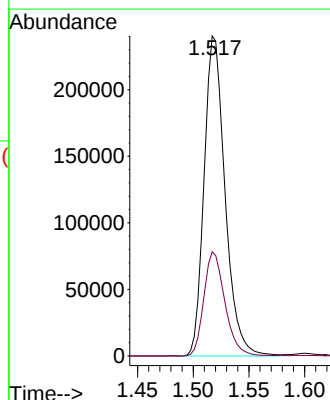
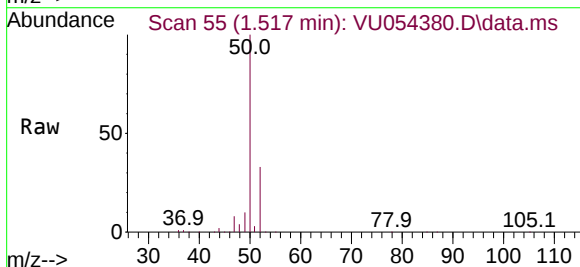
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

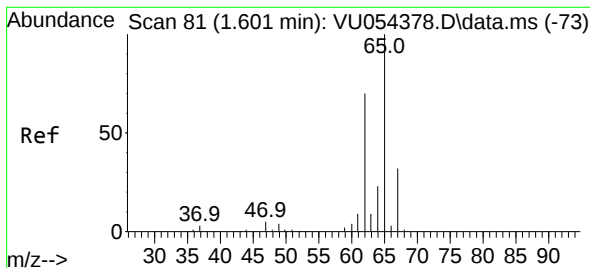
Tgt Ion: 85 Resp: 262812
Ion Ratio Lower Upper
85 100
87 32.4 25.5 38.3



#3
Chloromethane
Concen: 177.617 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion: 50 Resp: 314958
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.6





#5

Vinyl chloride

Concen: 182.948 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Instrument :

MSVOA_U

ClientSampleId :

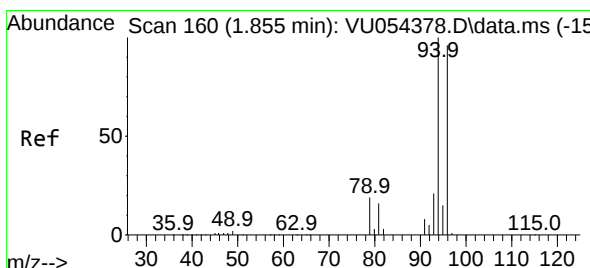
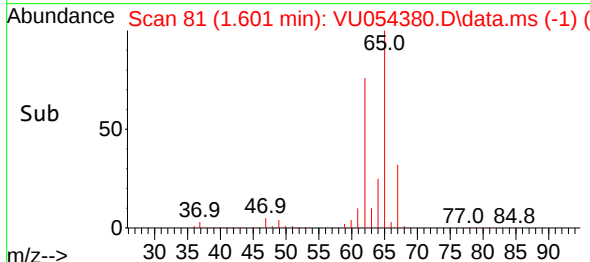
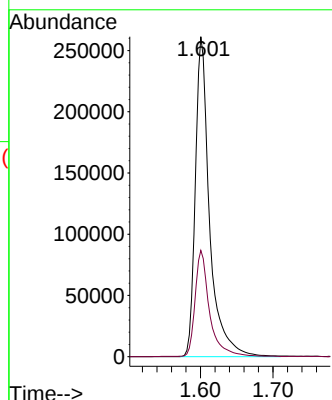
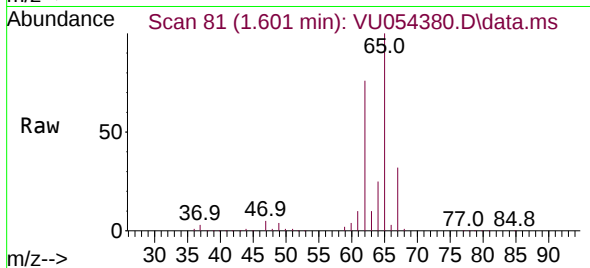
VSTD200027

Tgt Ion: 62 Resp: 355531

Ion Ratio Lower Upper

62 100

64 33.2 23.4 43.4



#6

Bromomethane

Concen: 157.622 ug/L

RT: 1.848 min Scan# 158

Delta R.T. -0.007 min

Lab File: VU054380.D

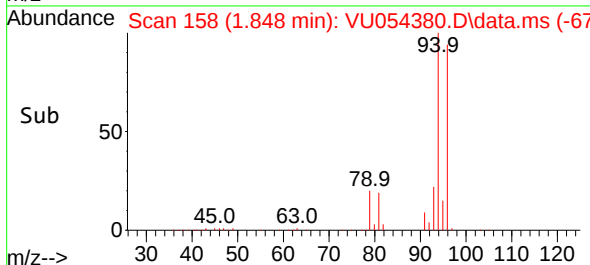
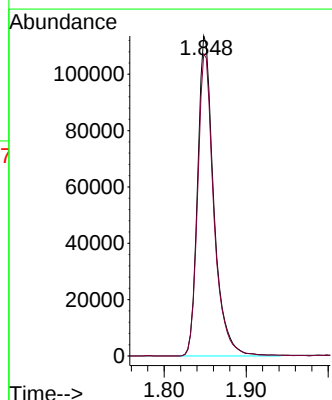
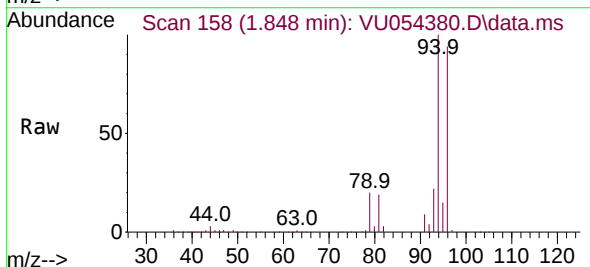
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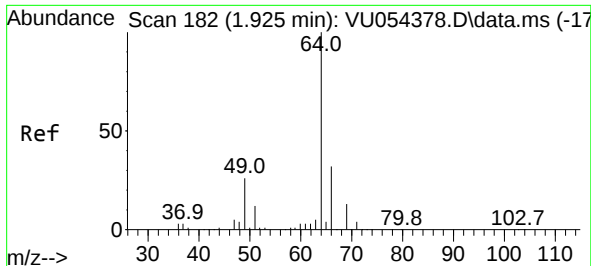
Tgt Ion: 94 Resp: 155498

Ion Ratio Lower Upper

94 100

96 94.4 67.1 124.7

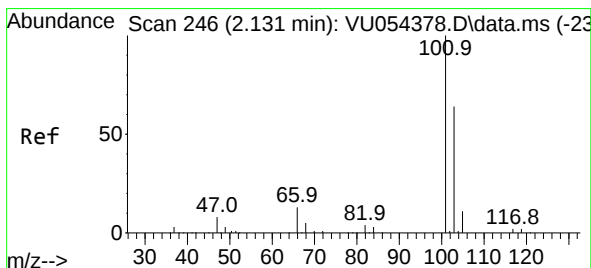
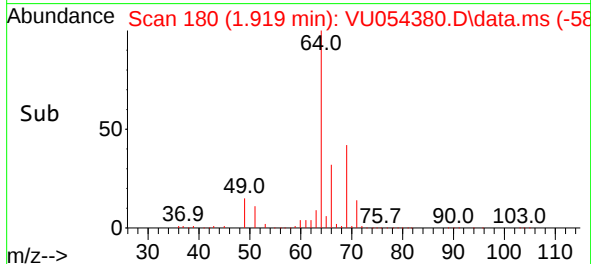
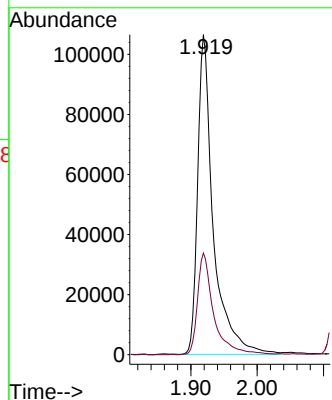
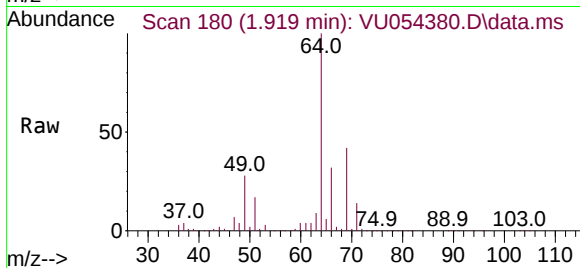




#8
Chloroethane
Concen: 156.796 ug/L
RT: 1.919 min Scan# 182
Delta R.T. -0.006 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

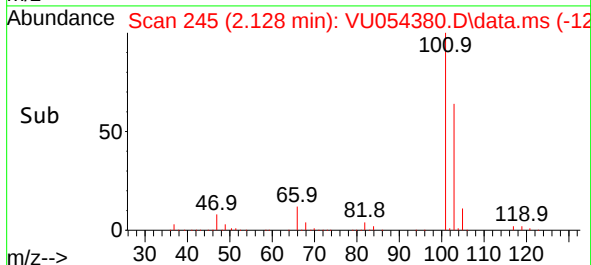
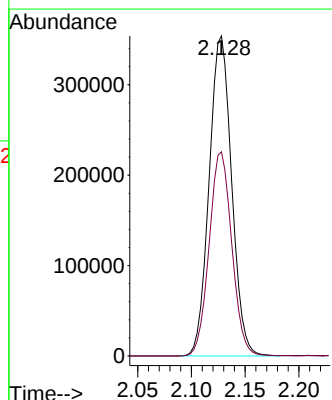
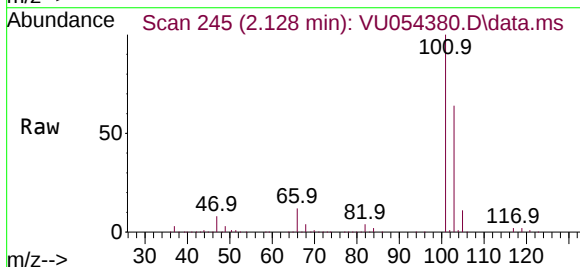
Instrument :
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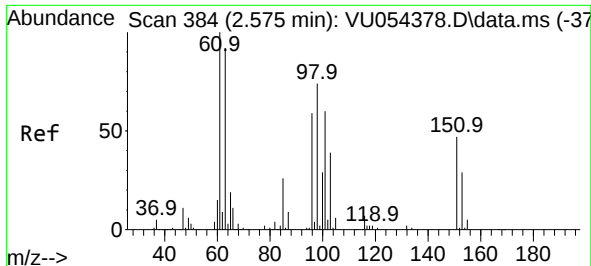
Tgt Ion: 64 Resp: 174240
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 180.916 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion:101 Resp: 515519
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0

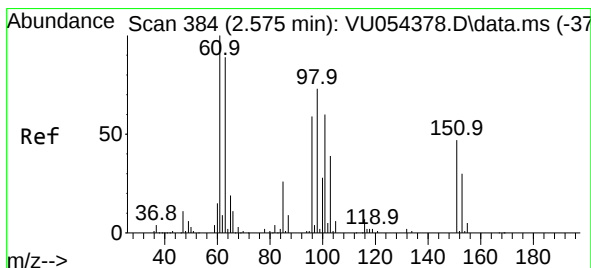
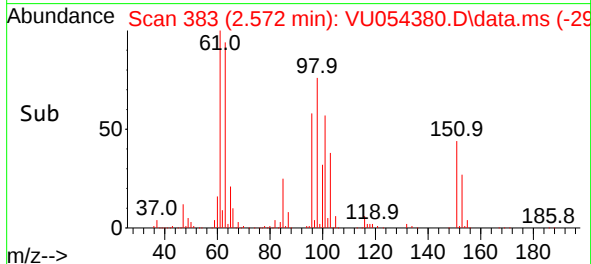
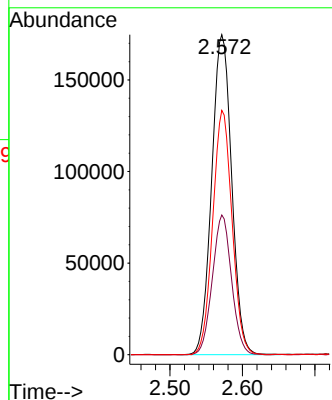
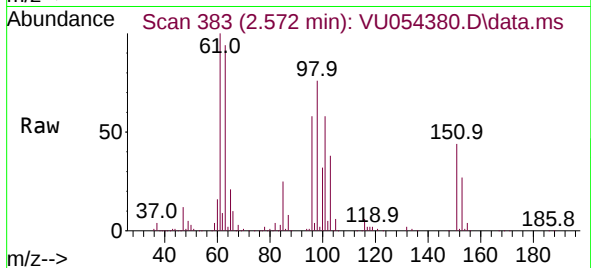




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 178.528 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU054380.D
 Acq: 01 Jun 2023 17:54

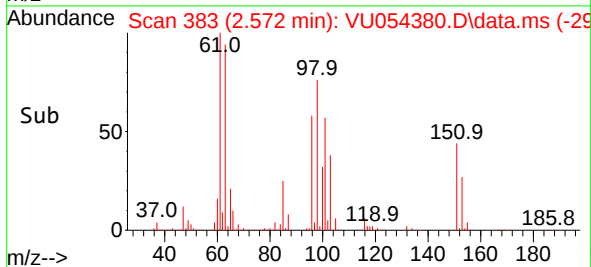
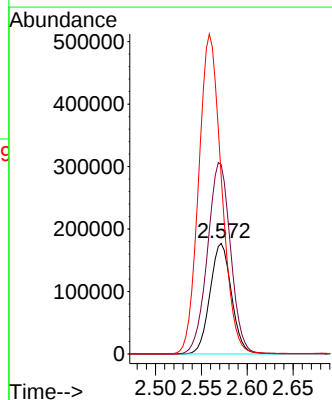
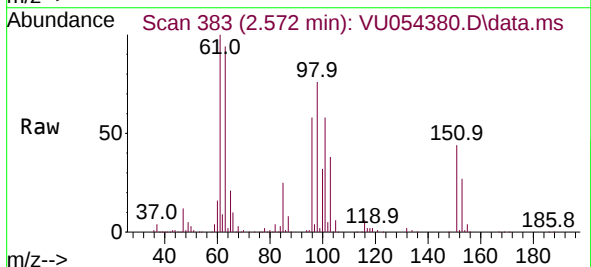
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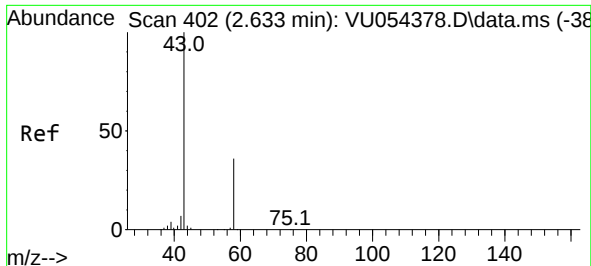
Tgt Ion:101 Resp: 334595
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.0 51.0
 151 73.9 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 183.237 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU054380.D
 Acq: 01 Jun 2023 17:54

Tgt Ion: 96 Resp: 287378
 Ion Ratio Lower Upper
 96 100
 61 171.4 120.0 222.8
 63 160.7 112.9 209.7





#13

Acetone

Concen: 300.064 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Instrument :

MSVOA_U

ClientSampleId :

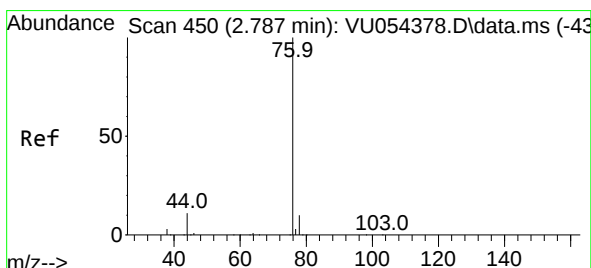
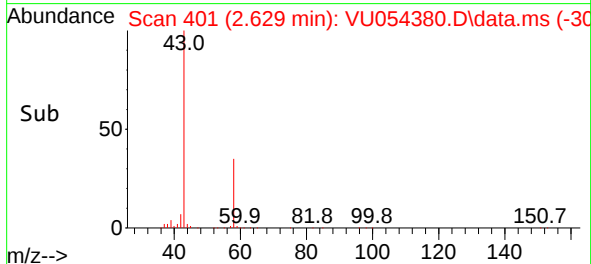
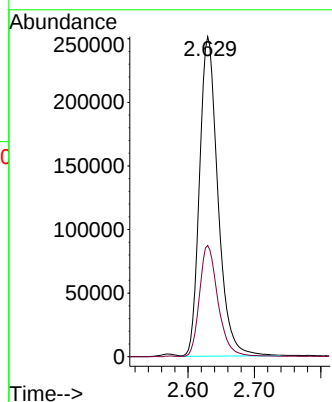
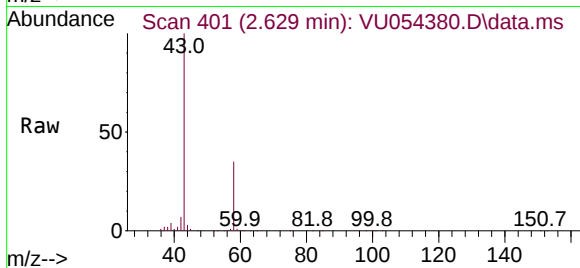
VSTD200027

Tgt Ion: 43 Resp: 485186

Ion Ratio Lower Upper

43 100

58 34.8 0.0 70.0



#14

Carbon disulfide

Concen: 185.449 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.000 min

Lab File: VU054380.D

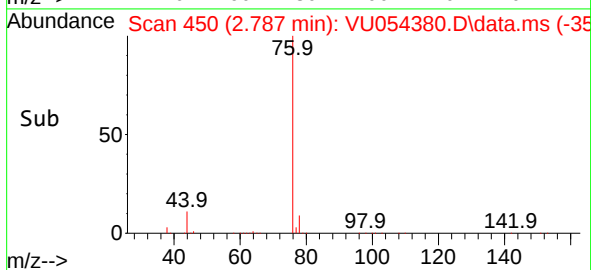
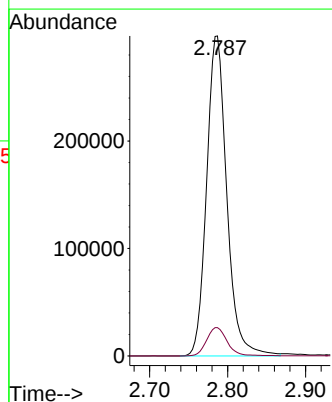
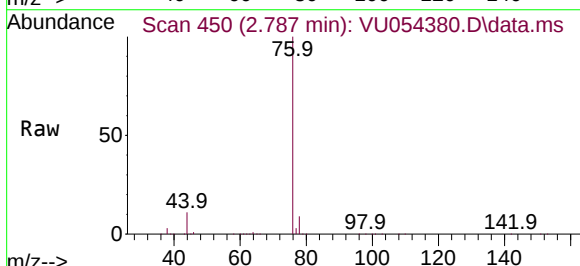
Acq: 01 Jun 2023 17:54

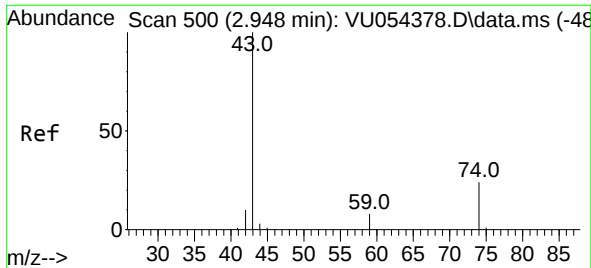
Tgt Ion: 76 Resp: 536024

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4

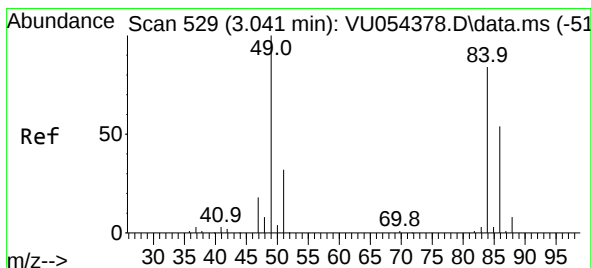
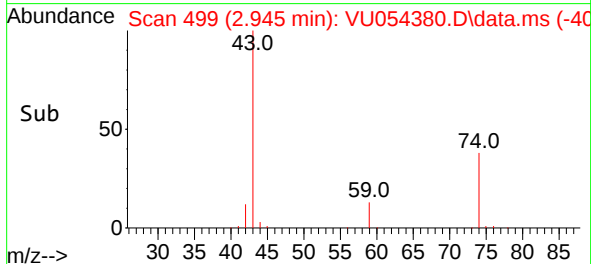
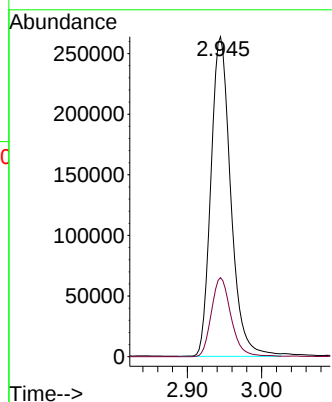
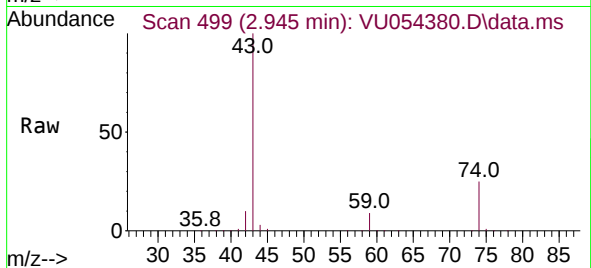




#15
Methyl Acetate
Concen: 183.182 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

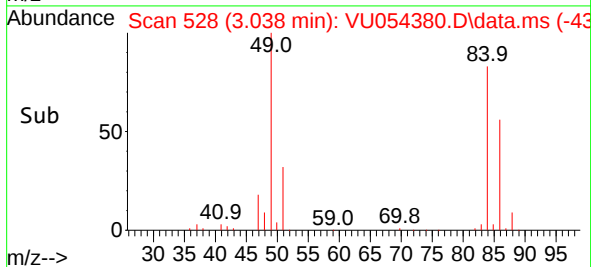
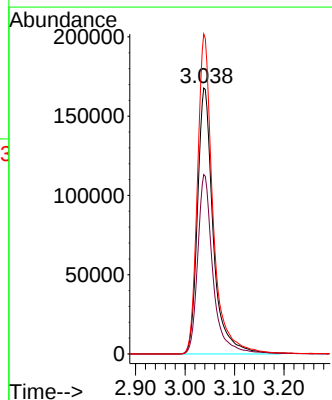
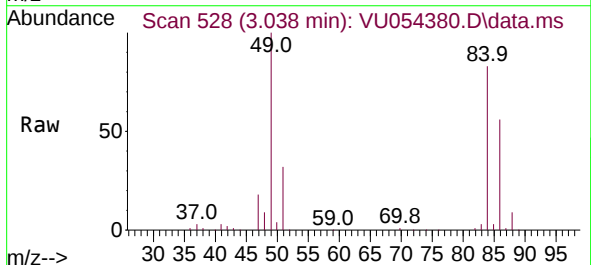
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

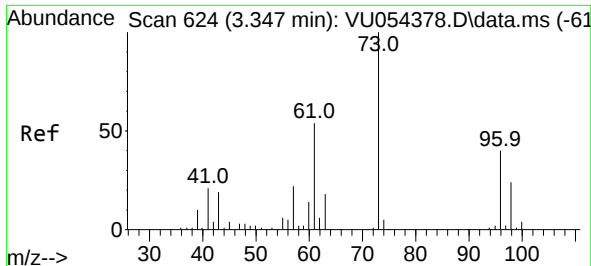
Tgt Ion: 43 Resp: 488353
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6



#16
Methylene chloride
Concen: 159.505 ug/L
RT: 3.038 min Scan# 528
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion: 84 Resp: 372397
Ion Ratio Lower Upper
84 100
86 67.5 44.8 83.2
49 120.3 83.3 154.7

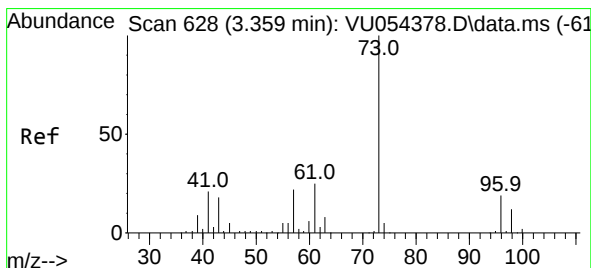
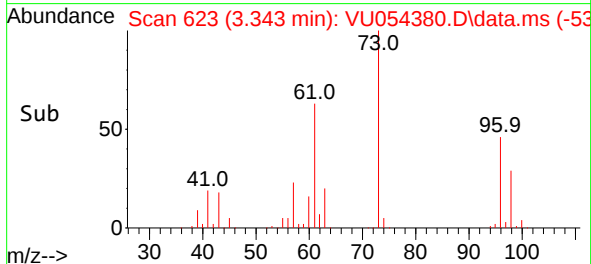
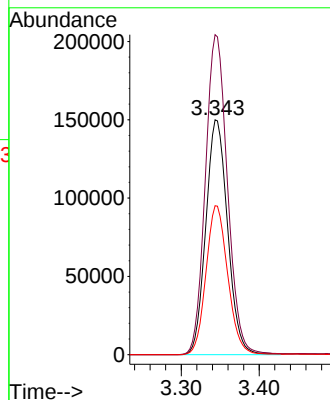
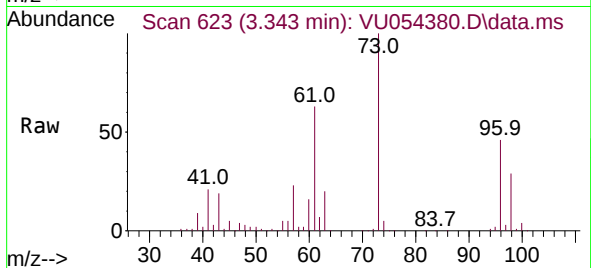




#17
trans-1,2-Dichloroethene
Concen: 185.457 ug/L
RT: 3.343 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

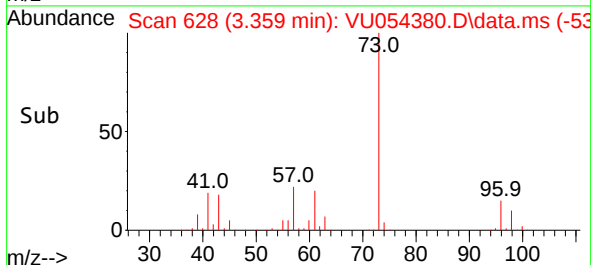
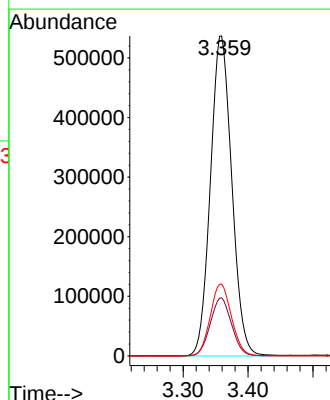
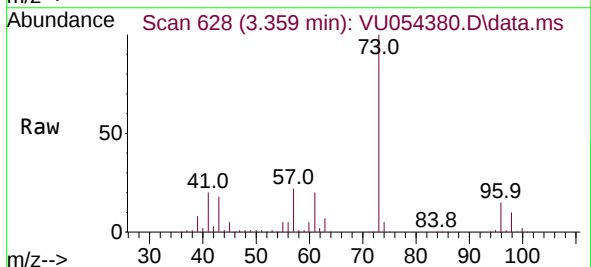
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

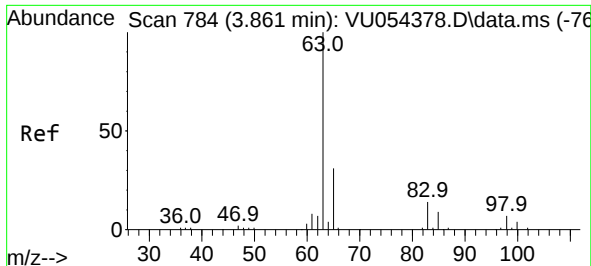
Tgt Ion: 96 Resp: 292265
Ion Ratio Lower Upper
96 100
61 136.3 95.3 177.1
98 63.4 42.6 79.0



#18
Methyl tert-butyl Ether
Concen: 189.281 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion: 73 Resp: 1225157
Ion Ratio Lower Upper
73 100
43 17.9 15.1 22.7
57 22.4 18.0 27.0

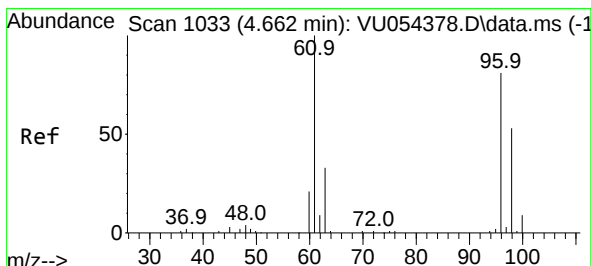
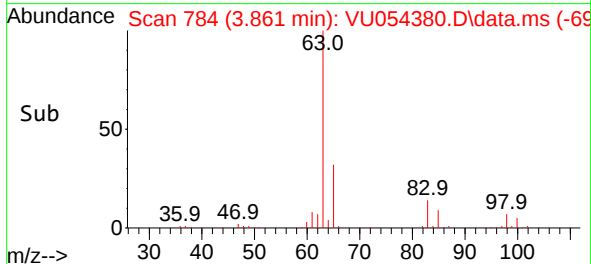
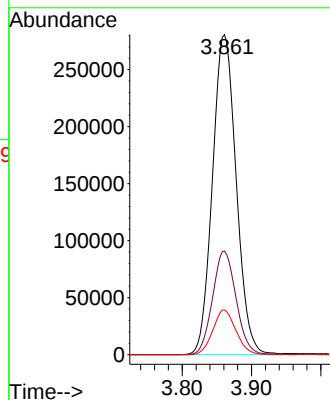
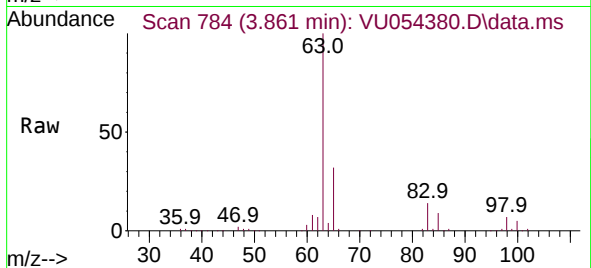




#19
1,1-Dichloroethane
Concen: 181.958 ug/L
RT: 3.861 min Scan# 784
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

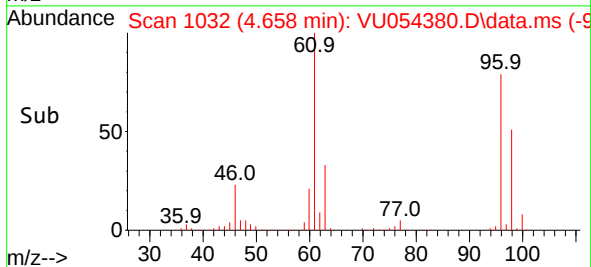
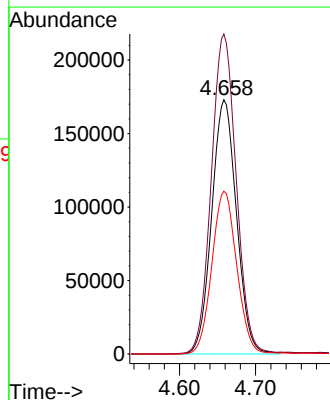
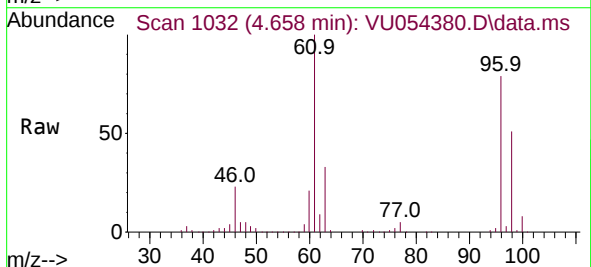
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

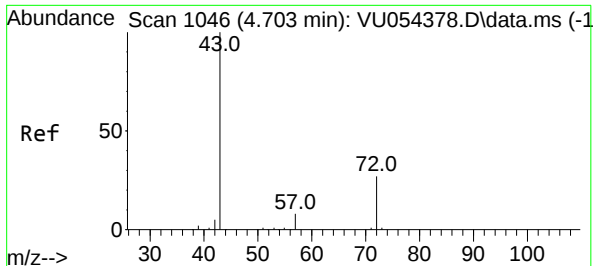
Tgt Ion: 63 Resp: 668451
Ion Ratio Lower Upper
63 100
65 32.4 21.8 40.6
83 14.0 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 186.945 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion: 96 Resp: 392274
Ion Ratio Lower Upper
96 100
61 125.9 86.5 160.7
98 64.0 45.4 84.4





#22

2-Butanone

Concen: 356.499 ug/L

RT: 4.700 min Scan# 110

Delta R.T. -0.003 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Instrument :

MSVOA_U

ClientSampleId :

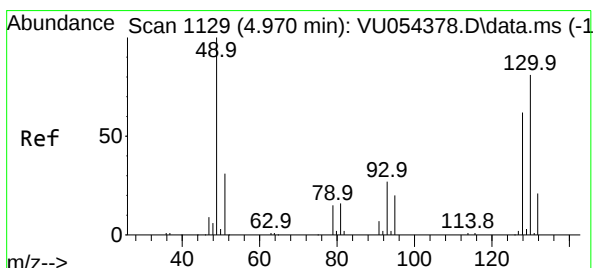
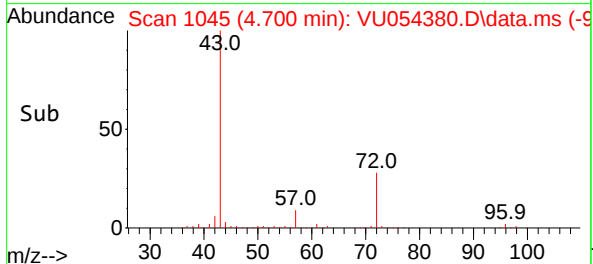
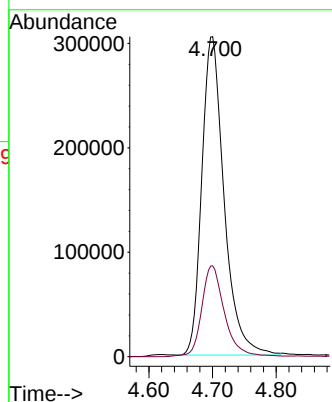
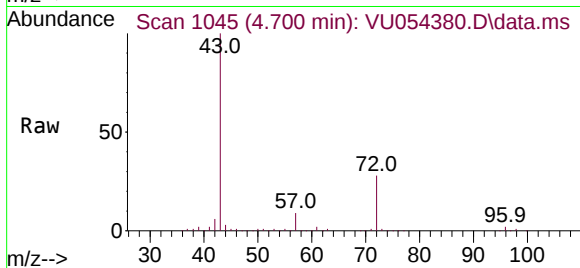
VSTD200027

Tgt Ion: 43 Resp: 742867

Ion Ratio Lower Upper

43 100

72 28.9 14.4 43.4



#23

Bromochloromethane

Concen: 183.067 ug/L

RT: 4.967 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Tgt Ion:128 Resp: 198503

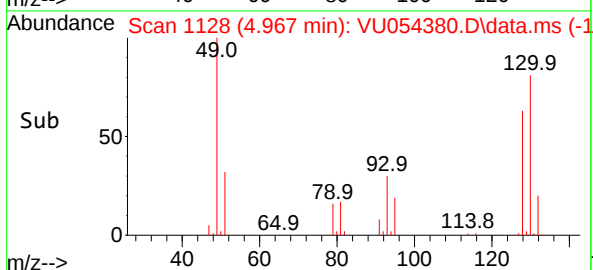
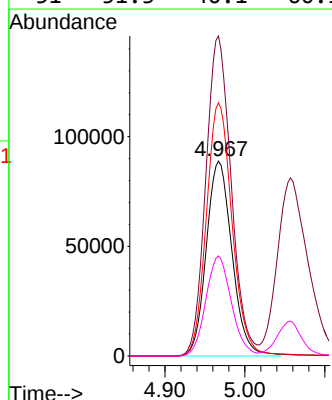
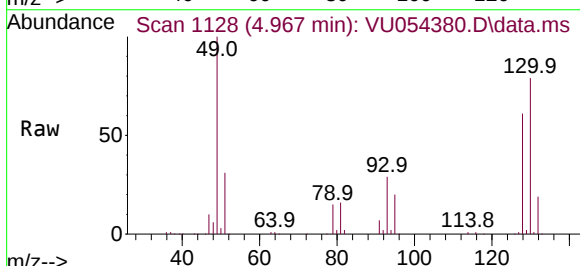
Ion Ratio Lower Upper

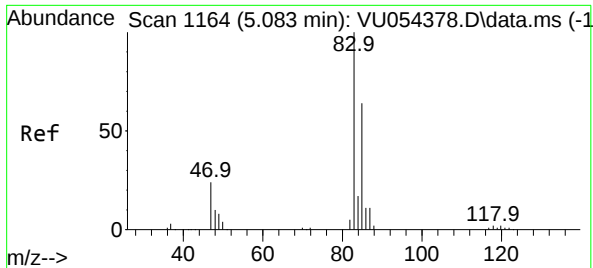
128 100

49 164.2 112.6 209.0

130 129.9 90.5 168.1

51 51.3 40.1 60.1

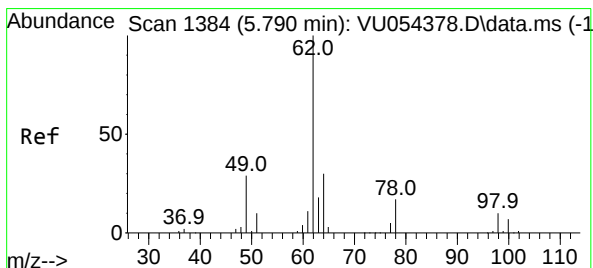
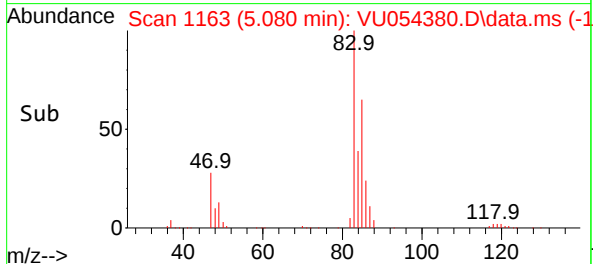
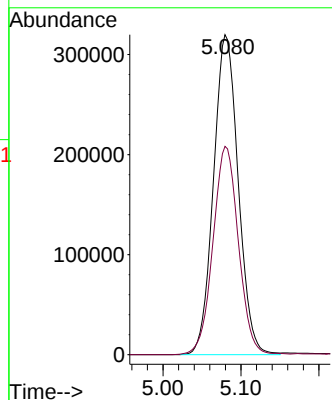
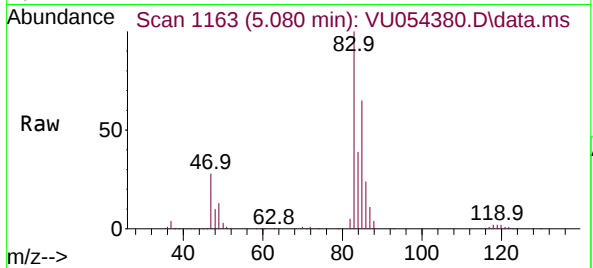




#25
Chloroform
Concen: 180.275 ug/L
RT: 5.080 min Scan# 1164
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

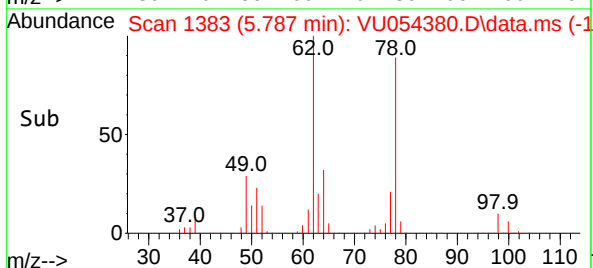
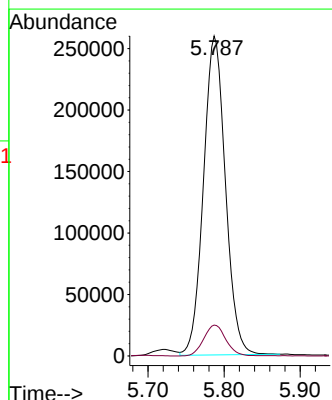
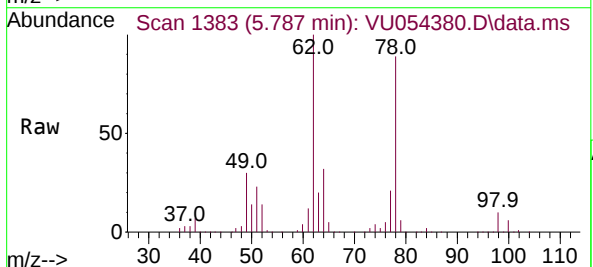
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

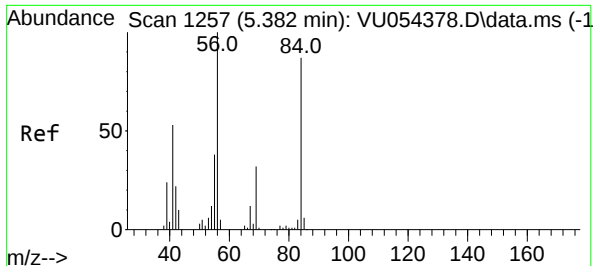
Tgt Ion: 83 Resp: 705963
Ion Ratio Lower Upper
83 100
85 65.1 45.0 83.6



#27
1,2-Dichloroethane
Concen: 182.117 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion: 62 Resp: 520221
Ion Ratio Lower Upper
62 100
98 9.7 7.6 11.4





#29

Cyclohexane

Concen: 193.808 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Instrument :

MSVOA_U

ClientSampleId :

VSTD200027

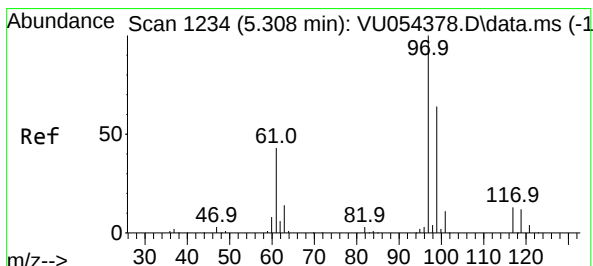
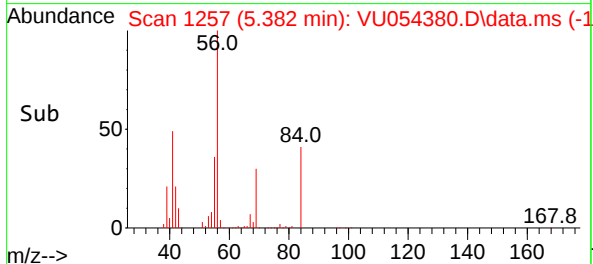
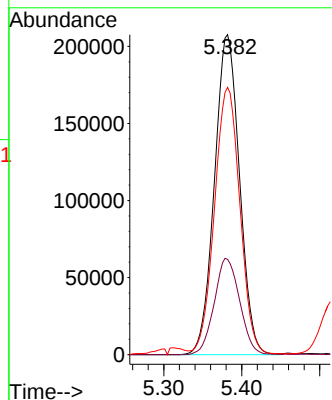
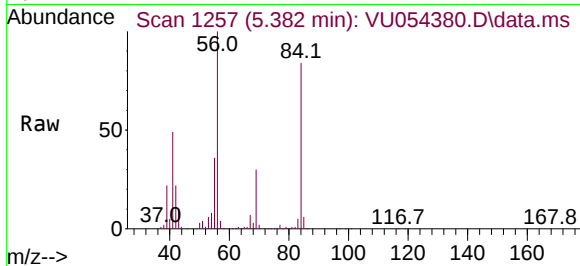
Tgt Ion: 56 Resp: 464221

Ion Ratio Lower Upper

56 100

69 30.5 24.5 36.7

84 84.1 69.4 104.2



#30

1,1,1-Trichloroethane

Concen: 182.688 ug/L

RT: 5.308 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

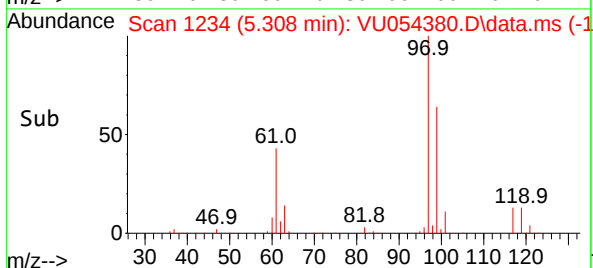
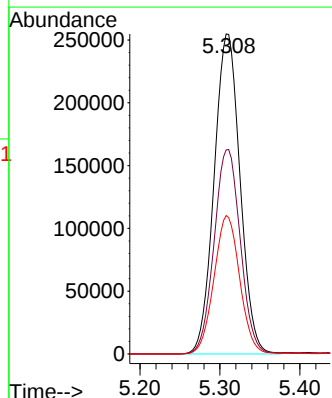
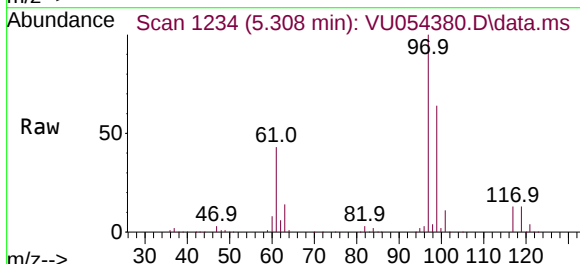
Tgt Ion: 97 Resp: 573337

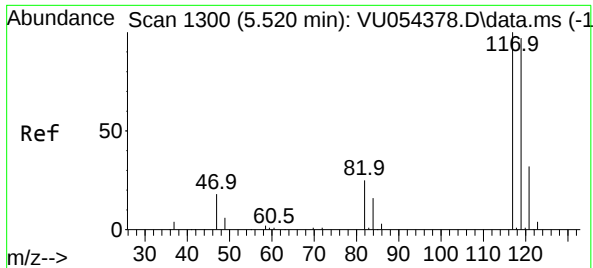
Ion Ratio Lower Upper

97 100

99 64.8 51.9 77.9

61 43.0 35.4 53.0

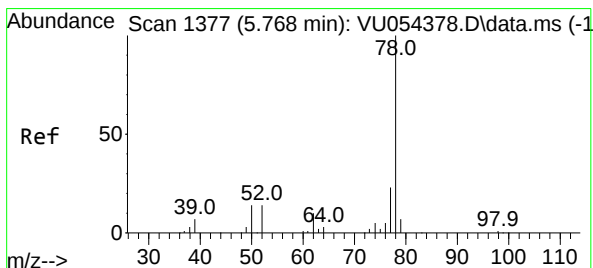
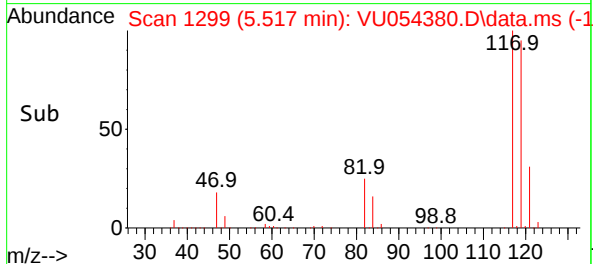
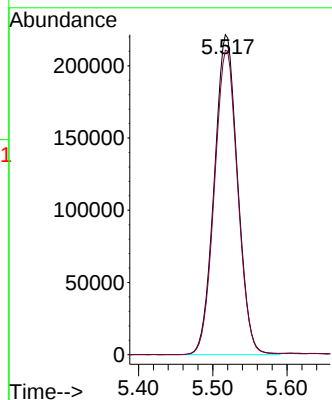
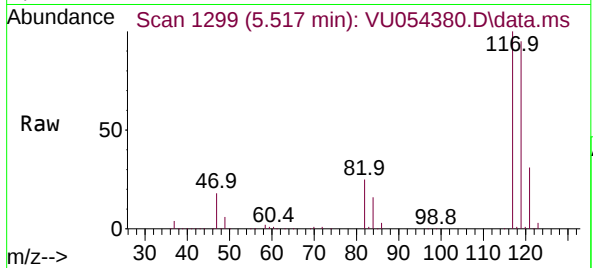




#31
Carbon tetrachloride
Concen: 186.722 ug/L
RT: 5.517 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

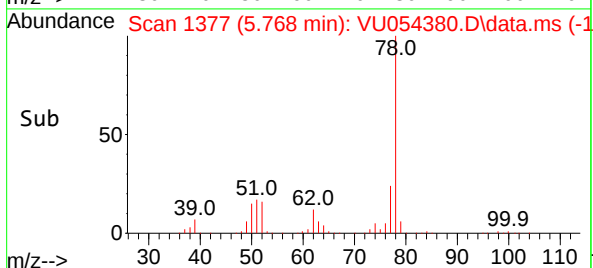
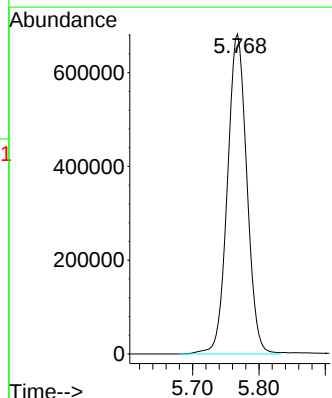
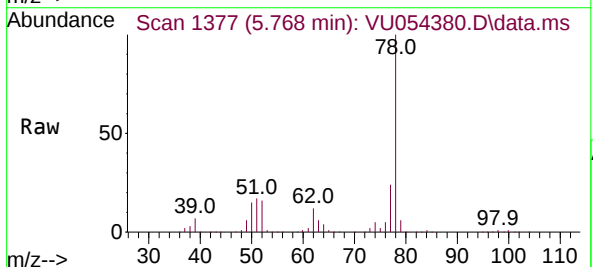
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

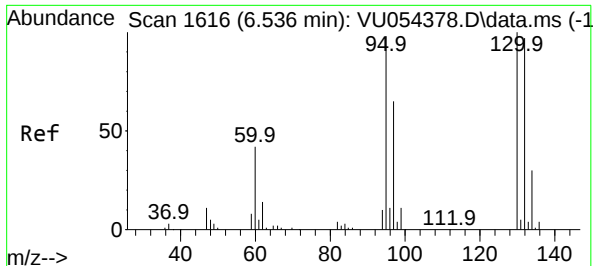
Tgt Ion:117 Resp: 484034
Ion Ratio Lower Upper
117 100
119 94.9 78.1 117.1



#33
Benzene
Concen: 184.215 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion: 78 Resp: 1387627





#34

Trichloroethene

Concen: 182.922 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Instrument :

MSVOA_U

ClientSampleId :

VSTD200027

Tgt Ion: 95 Resp: 366252

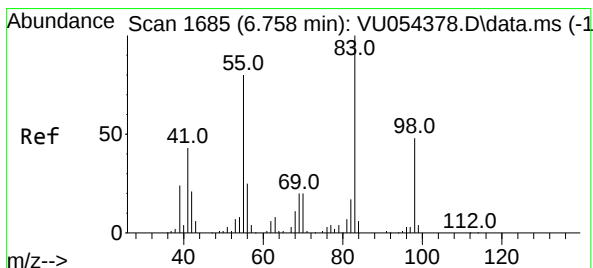
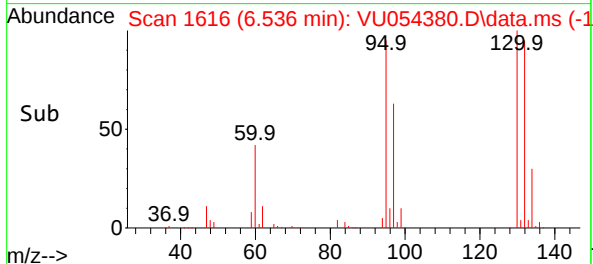
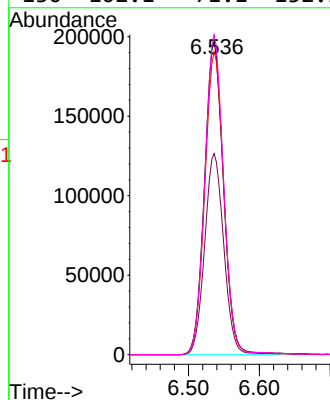
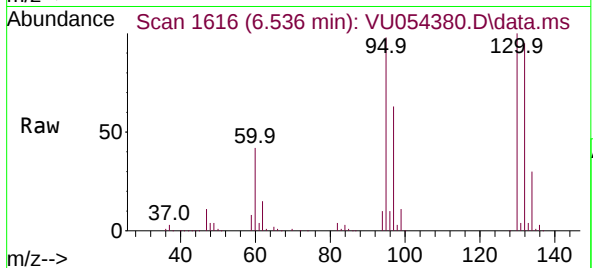
Ion Ratio Lower Upper

95 100

97 64.2 45.9 85.3

132 96.8 69.3 128.7

130 102.1 71.1 132.1



#35

Methylcyclohexane

Concen: 194.984 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

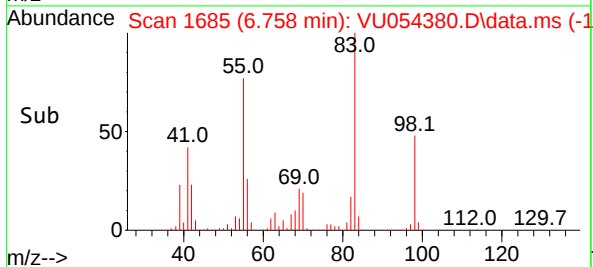
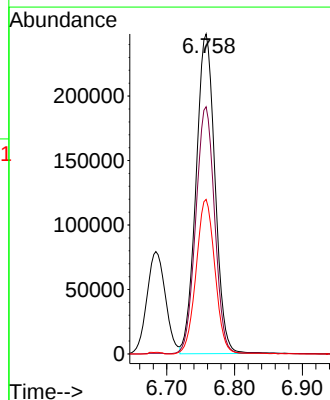
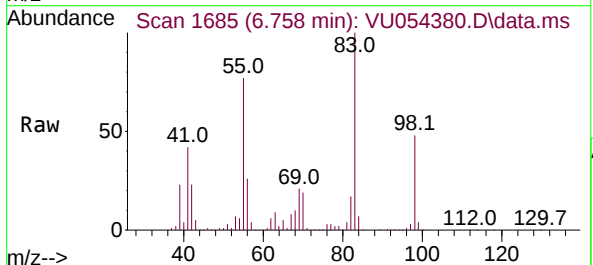
Tgt Ion: 83 Resp: 481489

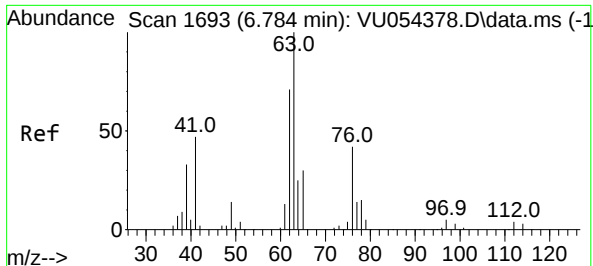
Ion Ratio Lower Upper

83 100

55 76.7 62.7 94.1

98 48.2 37.8 56.6

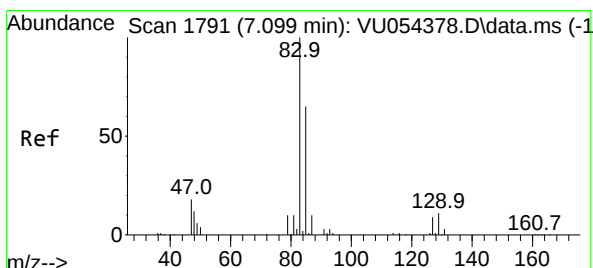
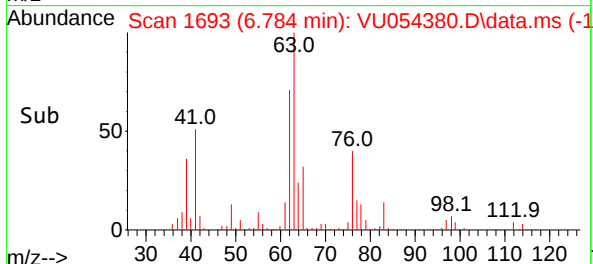
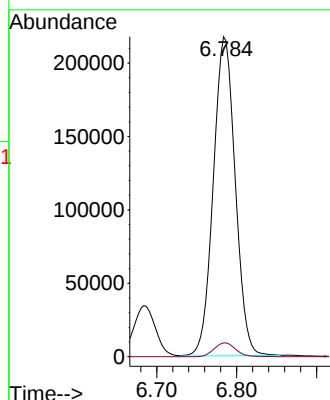
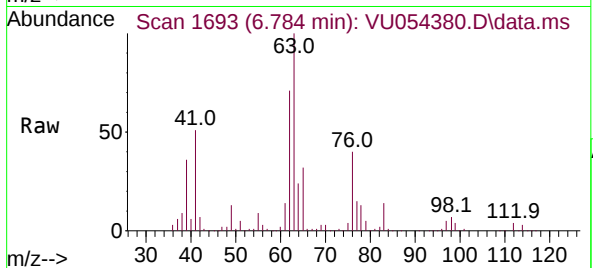




#37
1,2-Dichloropropane
Concen: 185.993 ug/L
RT: 6.784 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

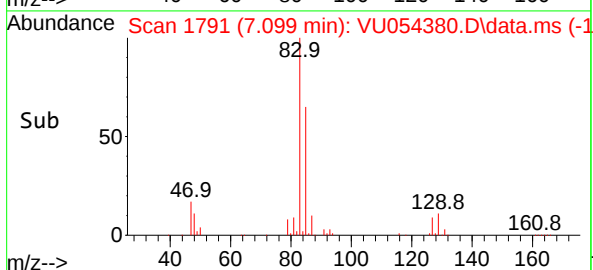
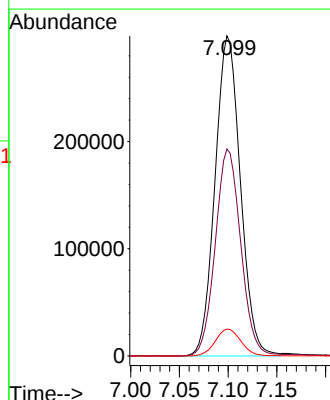
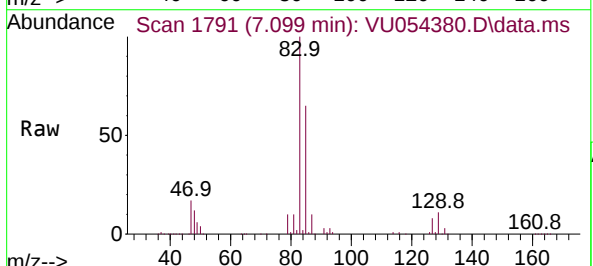
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

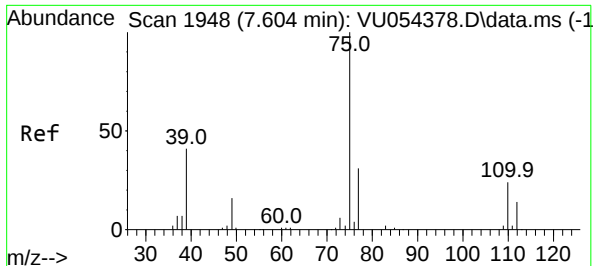
Tgt Ion: 63 Resp: 414177
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 184.365 ug/L
RT: 7.099 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion: 83 Resp: 541618
Ion Ratio Lower Upper
83 100
85 64.7 45.8 85.2
127 8.4 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 189.256 ug/L

RT: 7.600 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Instrument :

MSVOA_U

ClientSampleId :

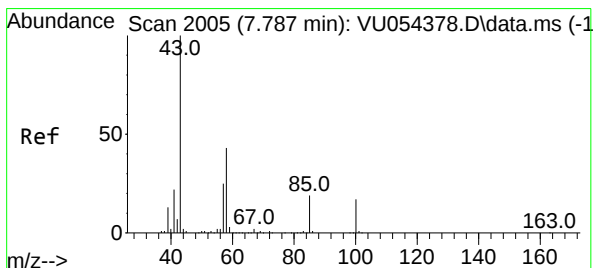
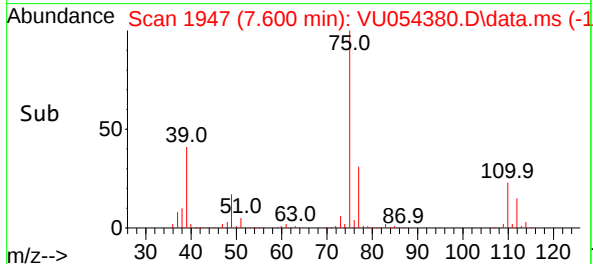
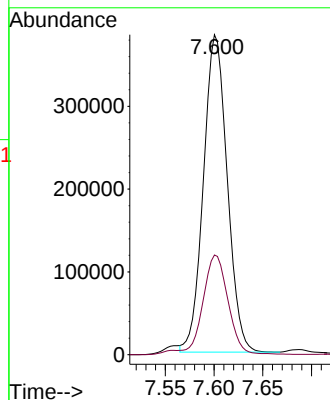
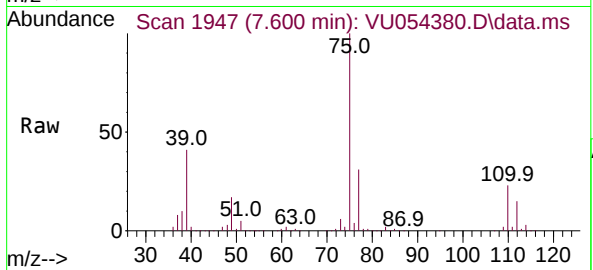
VSTD200027

Tgt Ion: 75 Resp: 651067

Ion Ratio Lower Upper

75 100

77 31.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 390.552 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

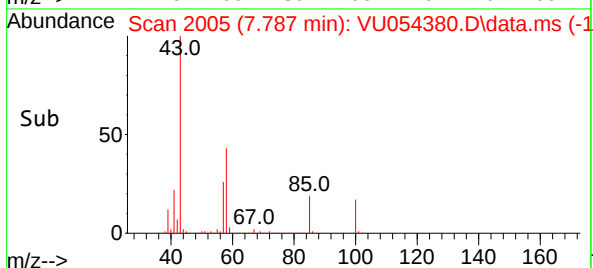
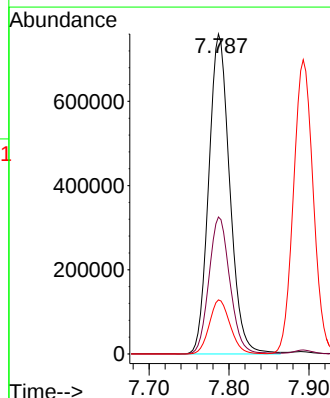
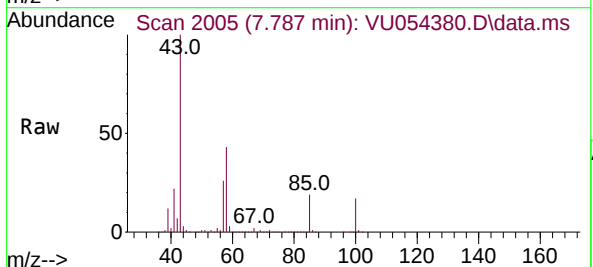
Tgt Ion: 43 Resp: 1386851

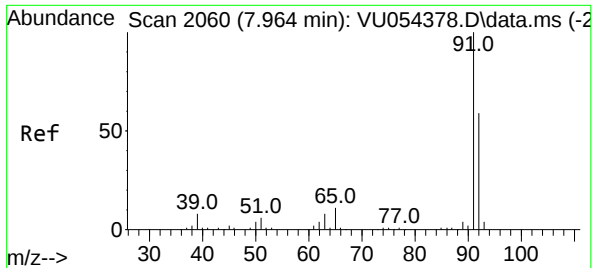
Ion Ratio Lower Upper

43 100

58 42.9 33.9 50.9

100 16.8 13.1 19.7





#42

Toluene

Concen: 188.271 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Instrument :

MSVOA_U

ClientSampleId :

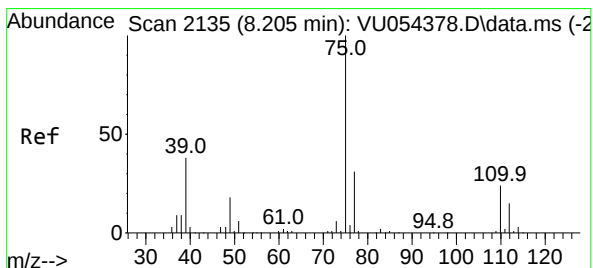
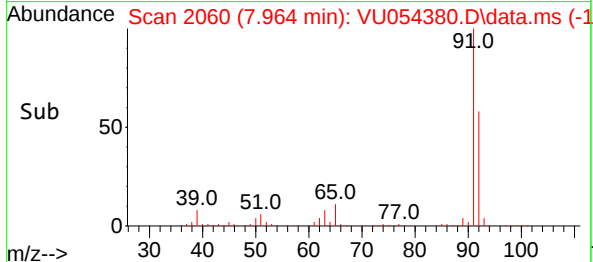
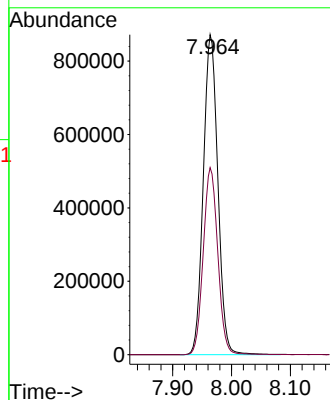
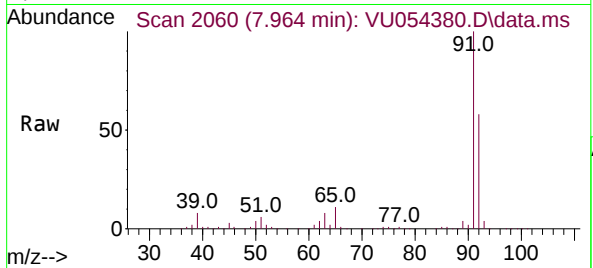
VSTD200027

Tgt Ion: 91 Resp: 1495633

Ion Ratio Lower Upper

91 100

92 58.4 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 195.522 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU054380.D

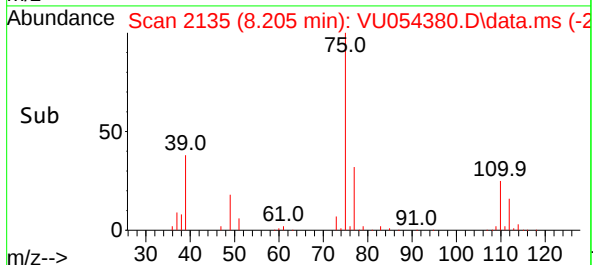
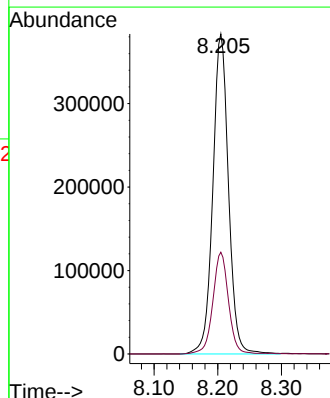
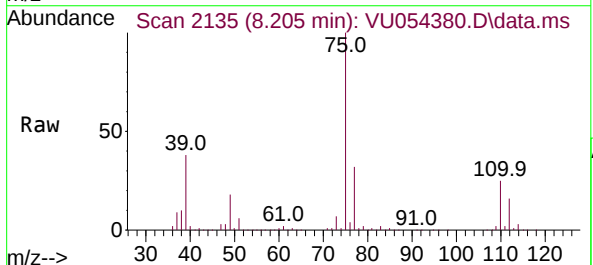
Acq: 01 Jun 2023 17:54

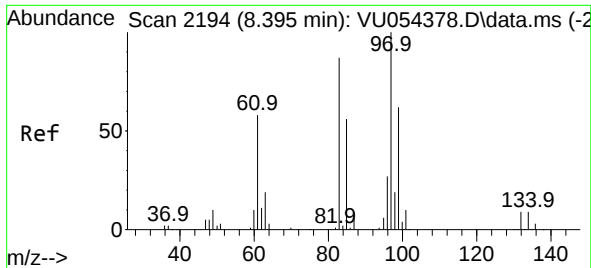
Tgt Ion: 75 Resp: 655197

Ion Ratio Lower Upper

75 100

77 31.8 21.9 40.7



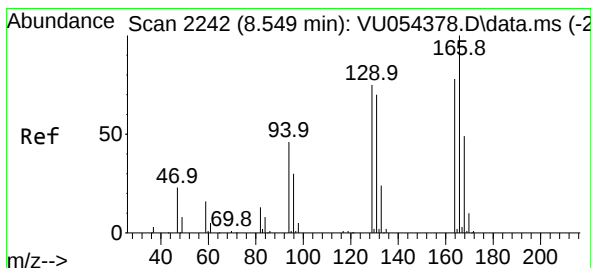
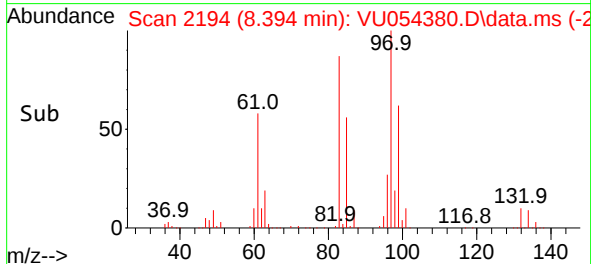
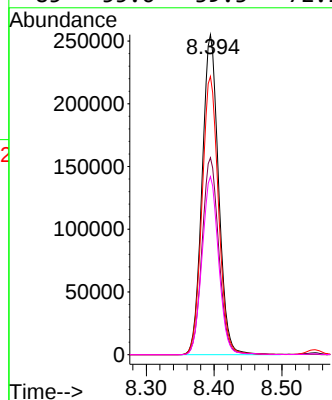
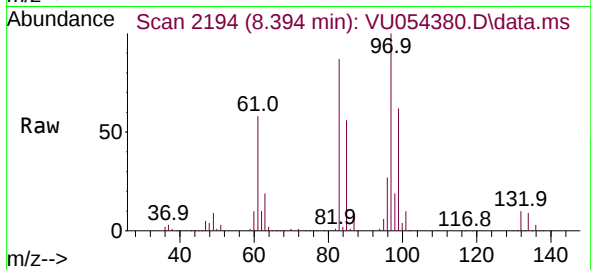


#45
1,1,2-Trichloroethane
Concen: 182.653 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

Tgt Ion: 97 Resp: 430345

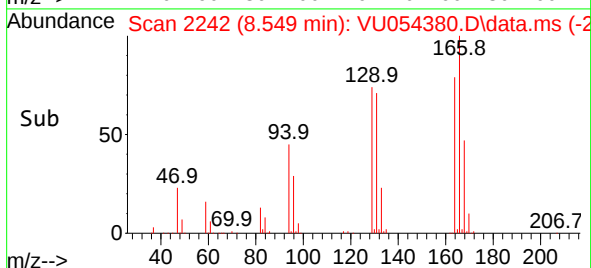
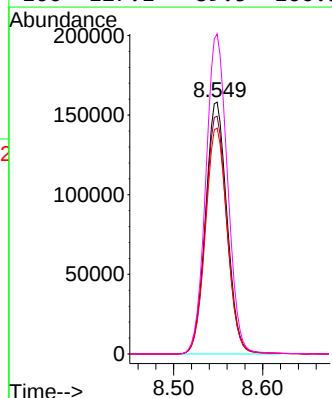
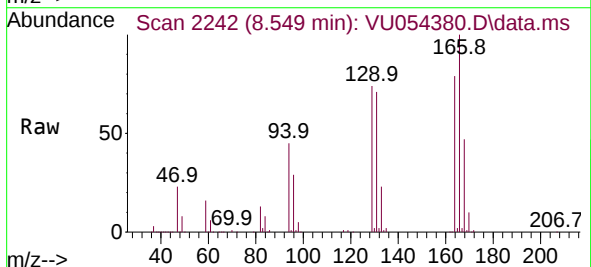
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.5	80.9
83	87.0	61.1	113.5
85	55.6	39.3	72.9

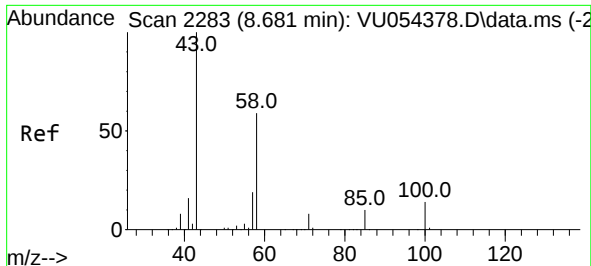


#46
Tetrachloroethene
Concen: 180.260 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion: 164 Resp: 265823

Ion	Ratio	Lower	Upper
164	100		
129	94.4	67.5	125.3
131	89.7	62.8	116.6
166	127.1	89.5	166.3



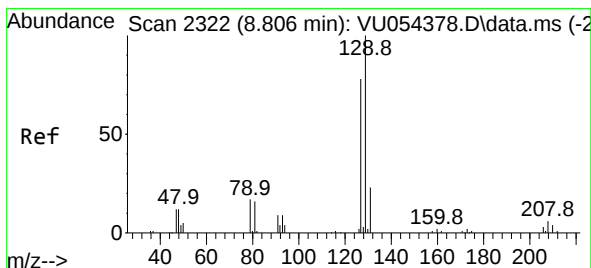
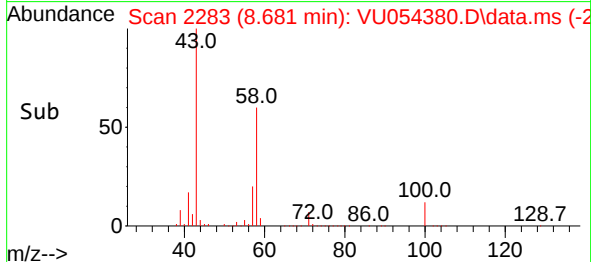
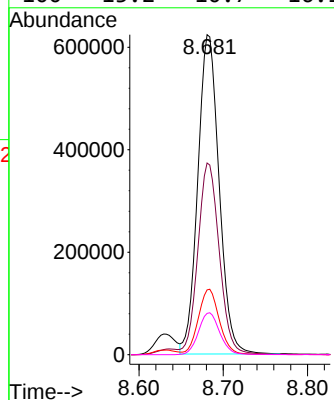
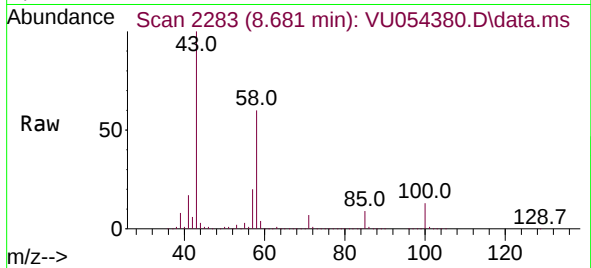


#48
2-Hexanone
Concen: 379.674 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

Tgt Ion: 43 Resp: 1098724

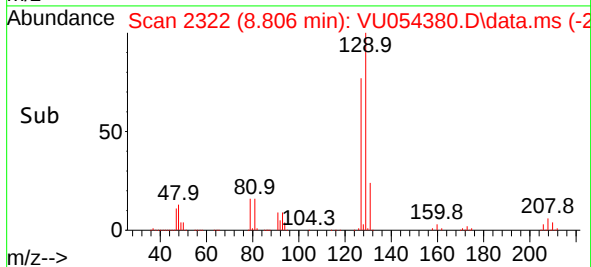
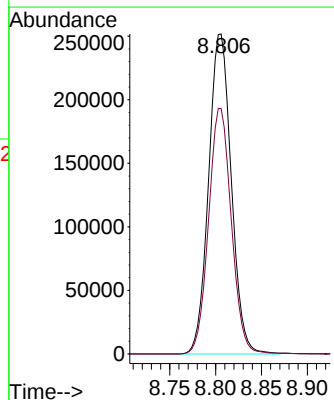
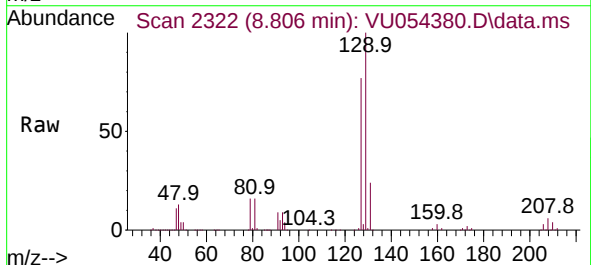
Ion	Ratio	Lower	Upper
43	100		
58	60.5	47.7	71.5
57	20.3	16.1	24.1
100	13.2	10.7	16.1

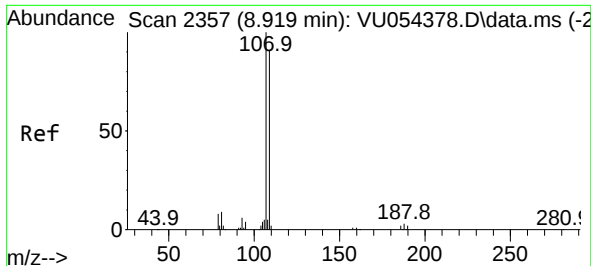


#49
Dibromochloromethane
Concen: 191.453 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion: 129 Resp: 433486

Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.9	101.9





#50

1,2-Dibromoethane

Concen: 182.274 ug/L

RT: 8.919 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Instrument :

MSVOA_U

ClientSampleId :

VSTD200027

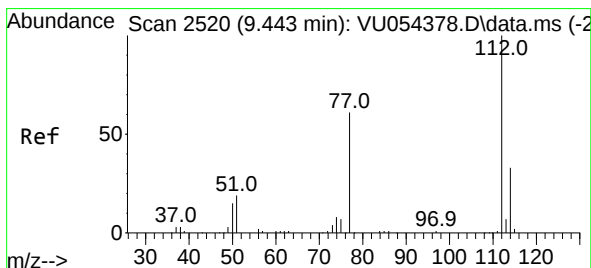
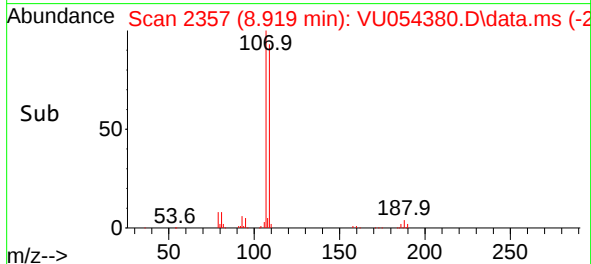
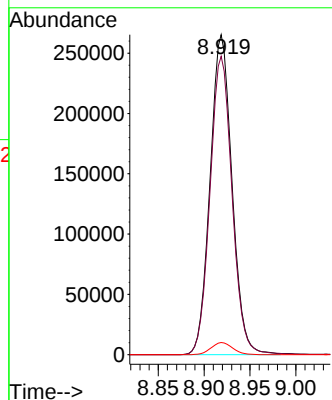
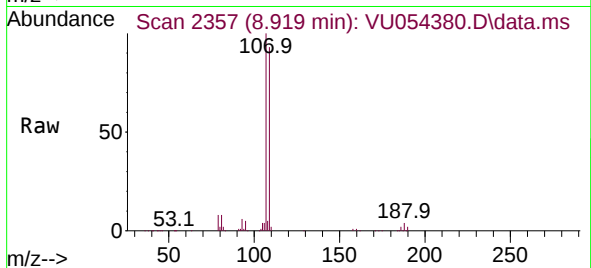
Tgt Ion:107 Resp: 440596

Ion Ratio Lower Upper

107 100

109 93.2 63.8 118.6

188 3.8 2.7 4.1



#51

Chlorobenzene

Concen: 183.203 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

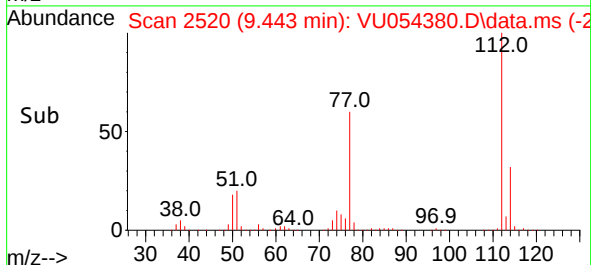
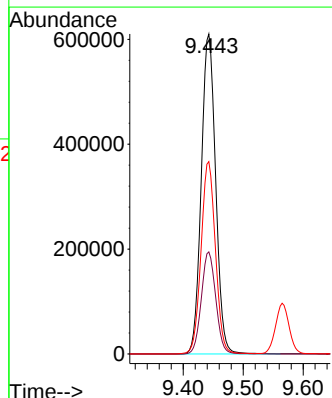
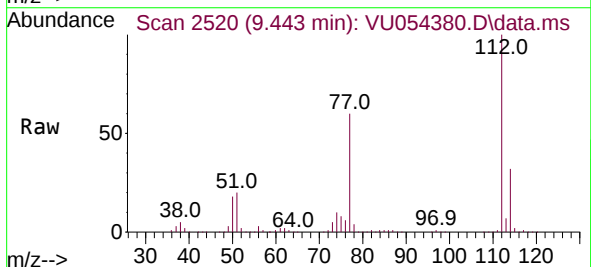
Tgt Ion:112 Resp: 1020717

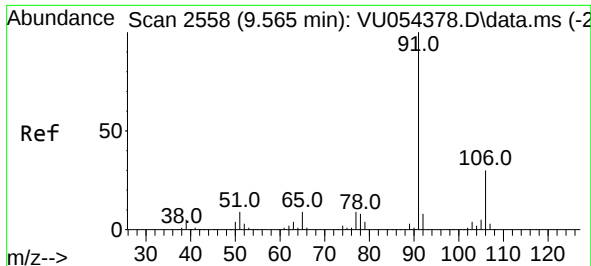
Ion Ratio Lower Upper

112 100

114 31.9 23.2 43.2

77 60.1 49.1 73.7

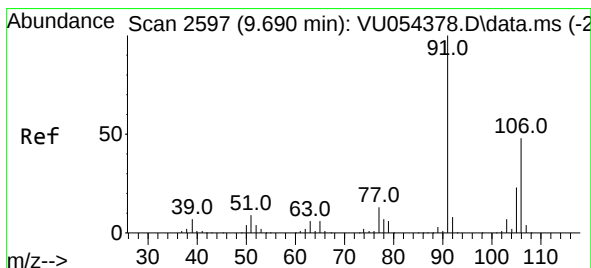
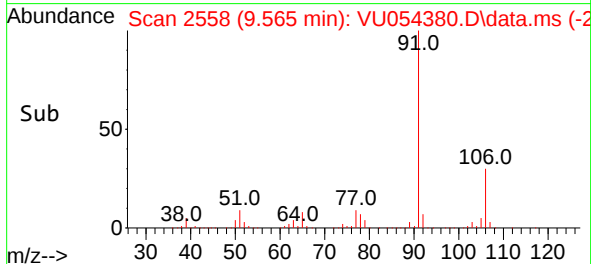
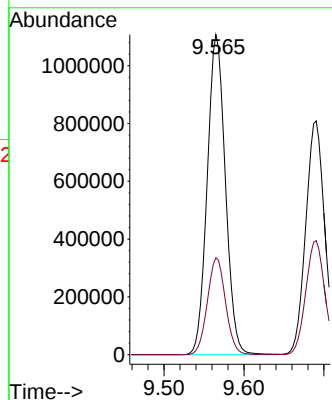
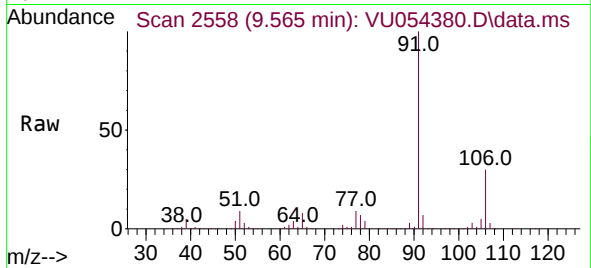




#52
Ethylbenzene
Concen: 195.020 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

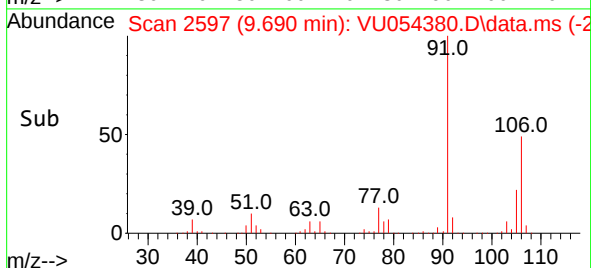
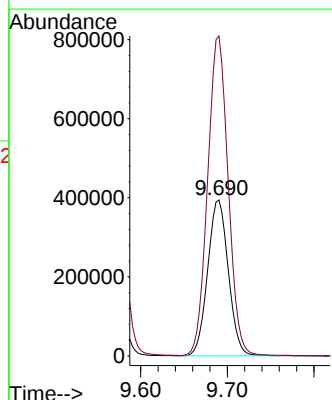
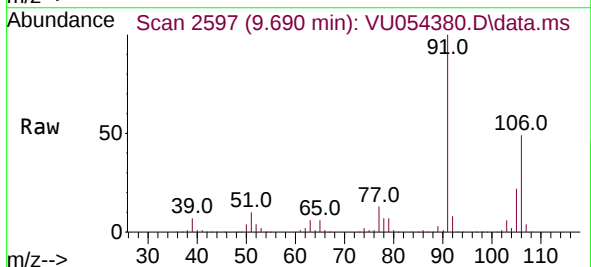
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

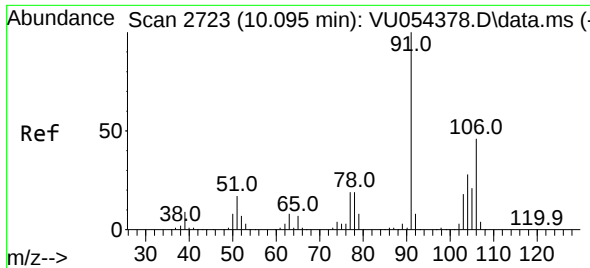
Tgt Ion: 91 Resp: 1750912
Ion Ratio Lower Upper
91 100
106 30.3 20.9 38.9



#53
m,p-Xylene
Concen: 193.513 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion:106 Resp: 651869
Ion Ratio Lower Upper
106 100
91 205.1 145.7 270.5

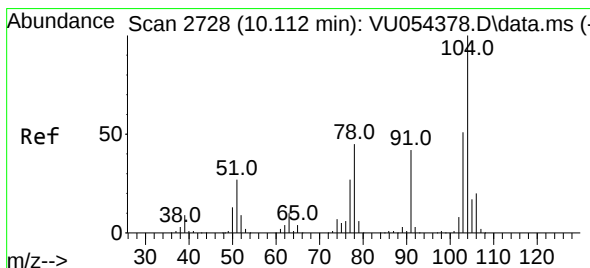
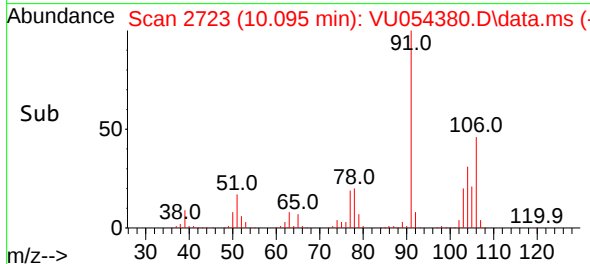
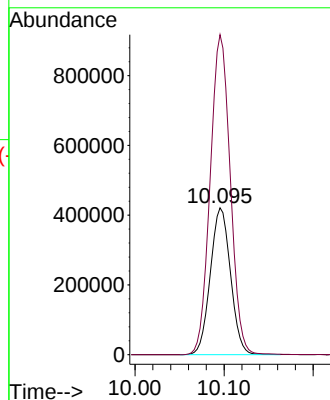
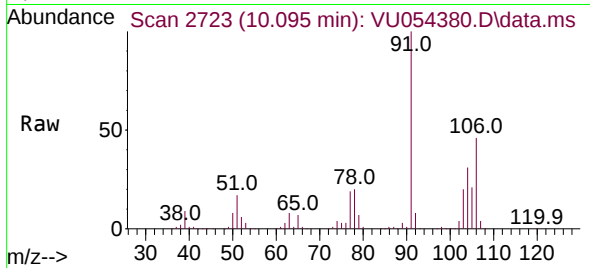




#54
o-Xylene
Concen: 197.628 ug/L
RT: 10.095 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

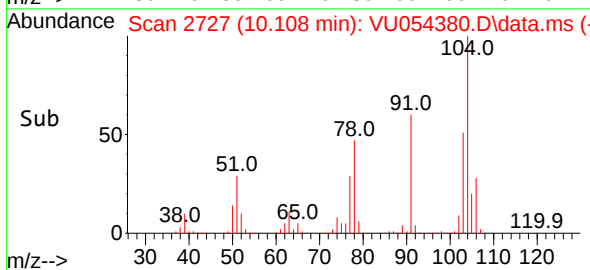
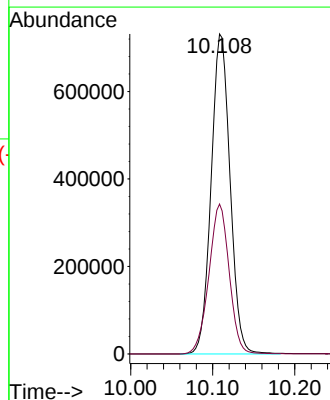
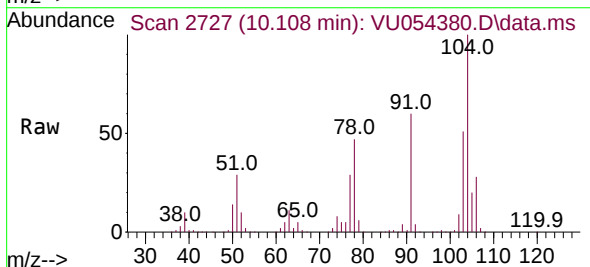
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

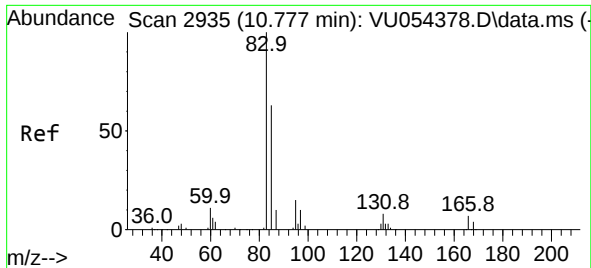
Tgt Ion:106 Resp: 661313
Ion Ratio Lower Upper
106 100
91 217.8 152.8 283.8



#55
Styrene
Concen: 201.151 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion:104 Resp: 1175761
Ion Ratio Lower Upper
104 100
78 46.8 31.9 59.2

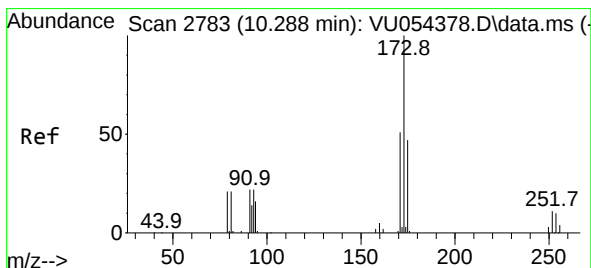
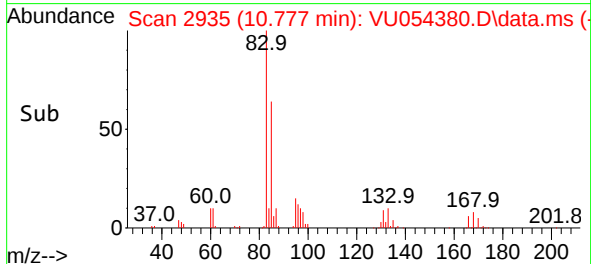
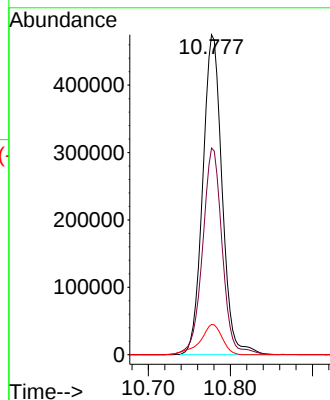
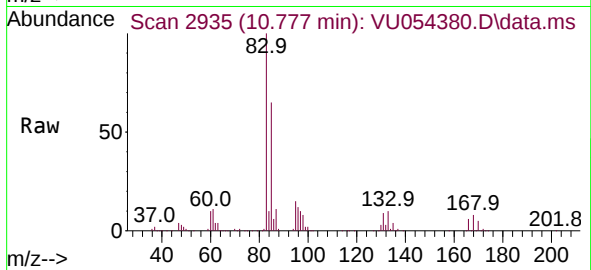




#57
1,1,2,2-Tetrachloroethane
Concen: 186.124 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

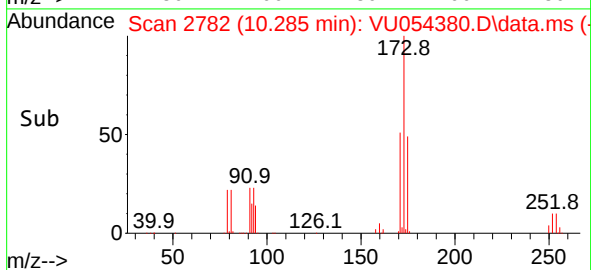
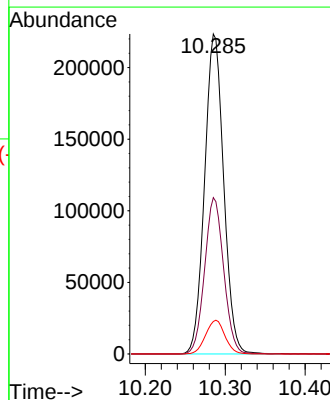
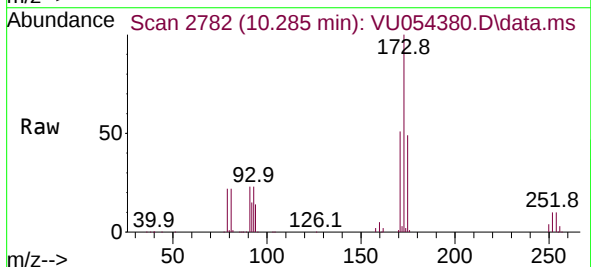
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

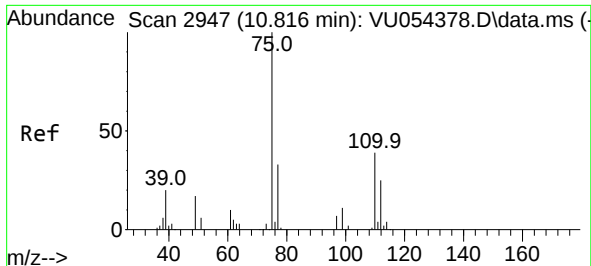
Tgt Ion: 83 Resp: 775732
Ion Ratio Lower Upper
83 100
85 64.6 44.7 82.9
131 9.5 7.2 10.8



#59
Bromoform
Concen: 191.414 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion:173 Resp: 371245
Ion Ratio Lower Upper
173 100
175 48.7 38.1 57.1
254 10.7 8.2 12.2

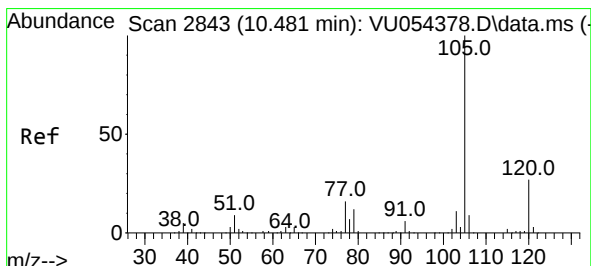
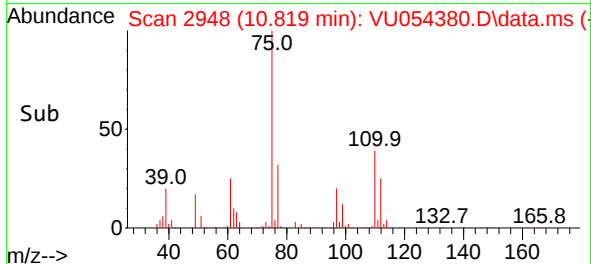
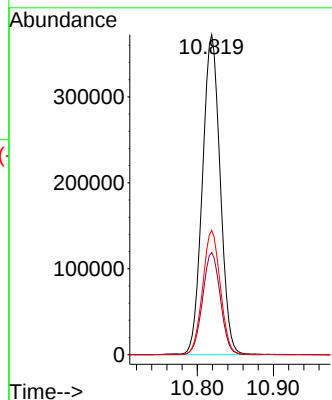
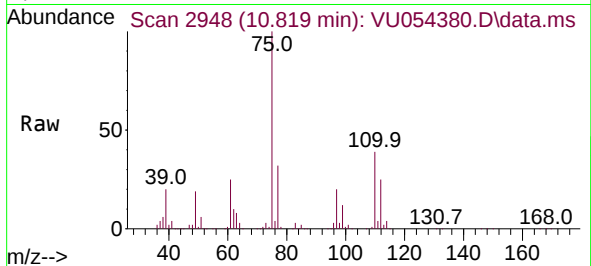




#60
1,2,3-Trichloropropane
Concen: 181.750 ug/L
RT: 10.819 min Scan# 2947
Delta R.T. 0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

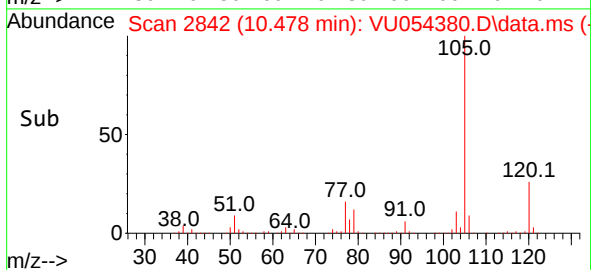
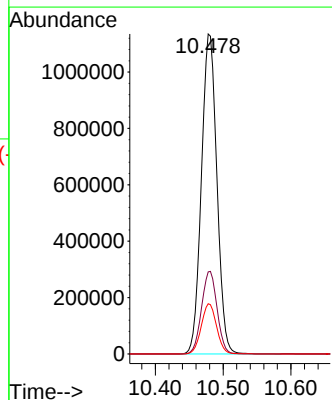
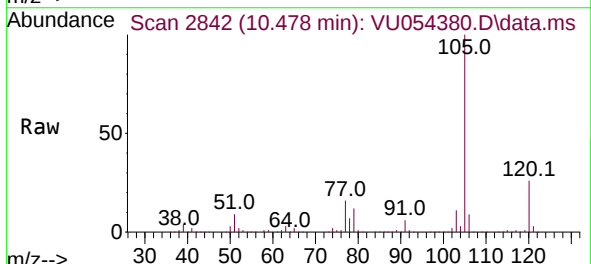
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

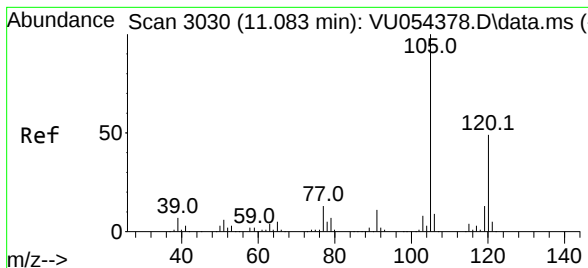
Tgt Ion: 75 Resp: 602171
Ion Ratio Lower Upper
75 100
77 32.1 26.8 40.2
110 38.7 31.4 47.0



#61
Isopropylbenzene
Concen: 193.480 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion: 105 Resp: 1797813
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 15.6 12.8 19.2





#62

1,3,5-Trimethylbenzene

Concen: 204.283 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. -0.000 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Instrument :

MSVOA_U

ClientSampleId :

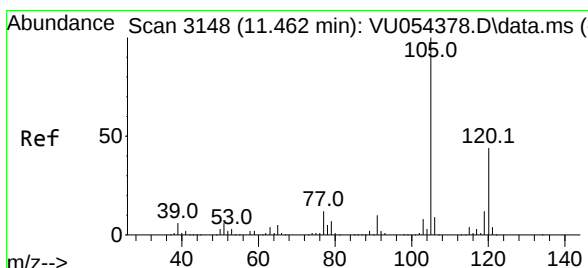
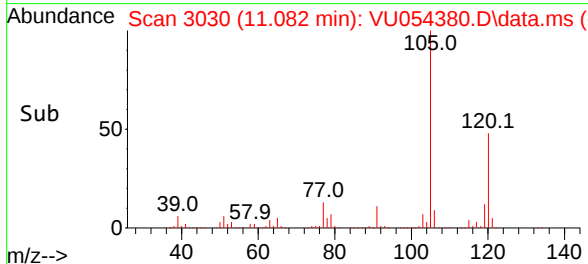
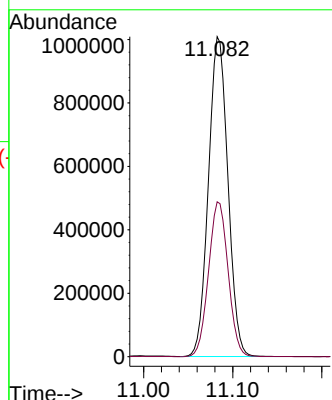
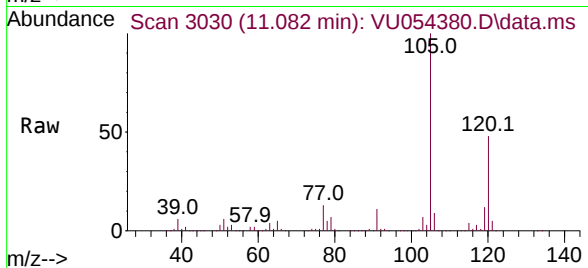
VSTD200027

Tgt Ion:105 Resp: 1526862

Ion Ratio Lower Upper

105 100

120 48.7 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 206.258 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU054380.D

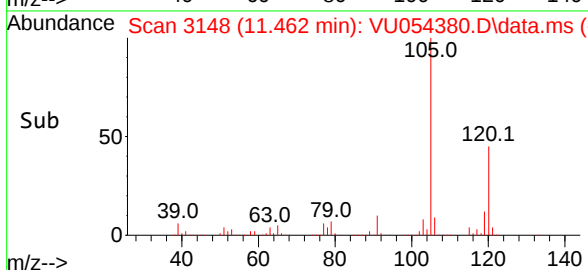
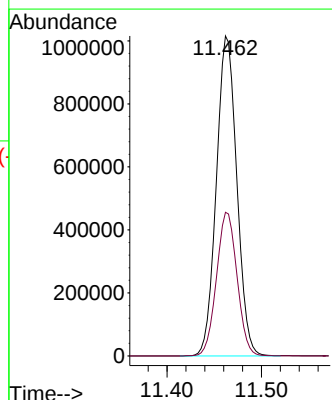
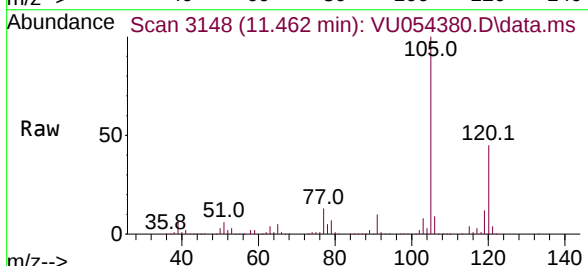
Acq: 01 Jun 2023 17:54

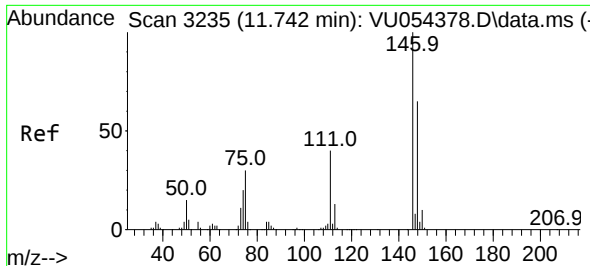
Tgt Ion:105 Resp: 1526421

Ion Ratio Lower Upper

105 100

120 45.2 35.9 53.9

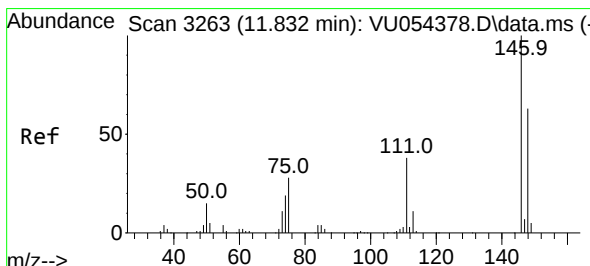
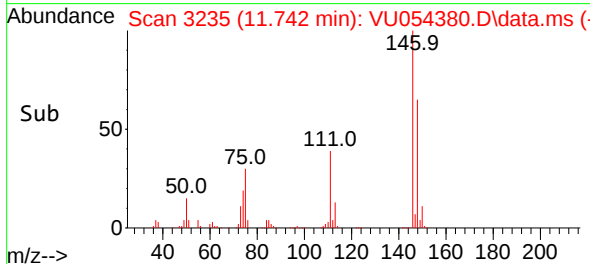
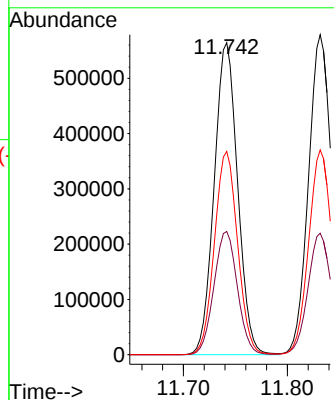
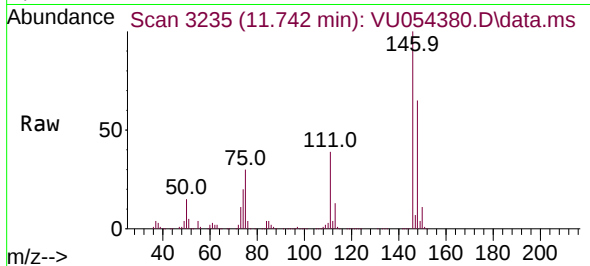




#64
1,3-Dichlorobenzene
Concen: 186.016 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

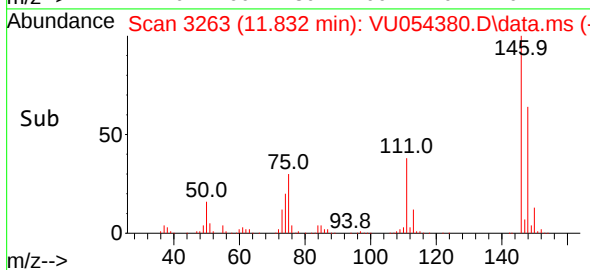
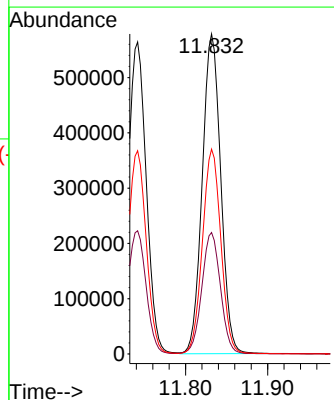
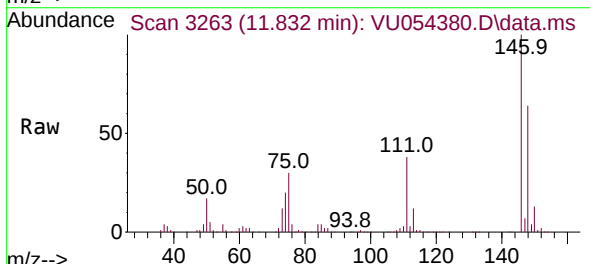
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

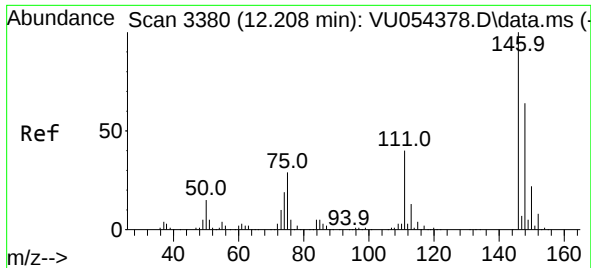
Tgt Ion:146 Resp: 885133
Ion Ratio Lower Upper
146 100
111 39.5 28.2 52.4
148 65.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 179.785 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion:146 Resp: 906118
Ion Ratio Lower Upper
146 100
111 37.9 26.9 50.1
148 64.0 44.2 82.0

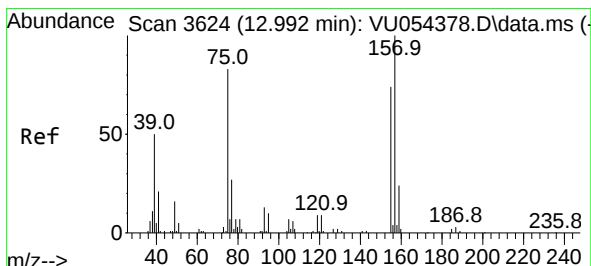
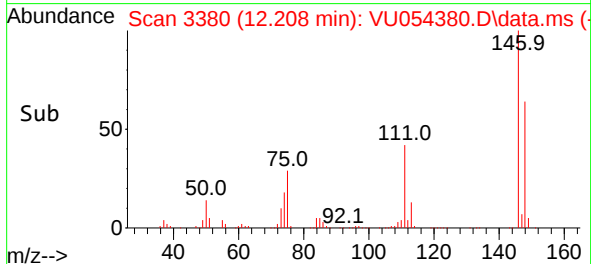
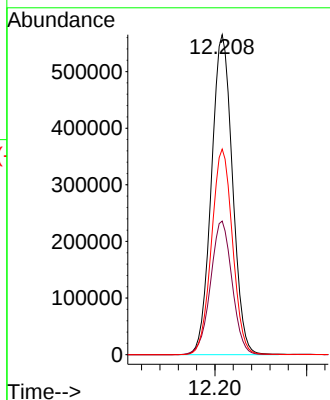
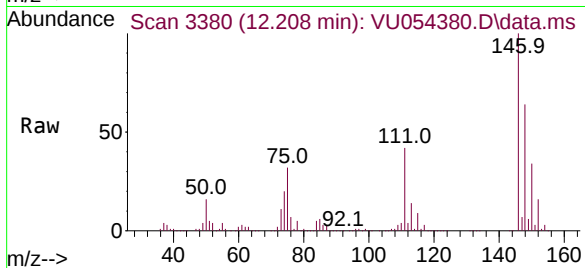




#67
1,2-Dichlorobenzene
Concen: 182.632 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

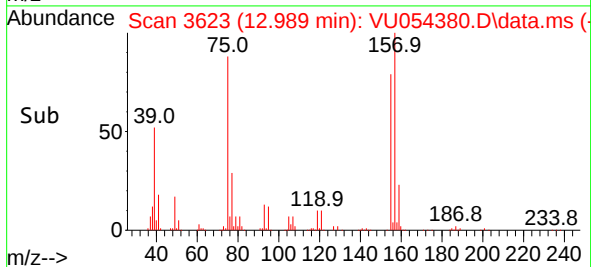
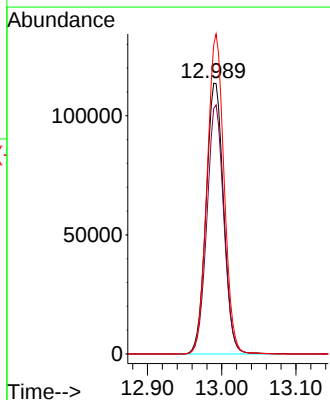
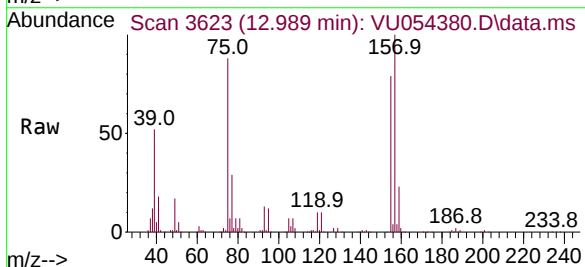
Instrument :
MSVOA_U
ClientSampleId :
VSTD200027

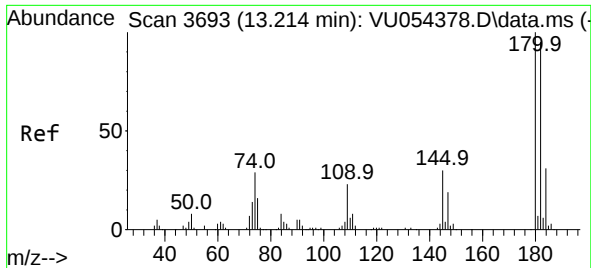
Tgt Ion:146 Resp: 902474
Ion Ratio Lower Upper
146 100
111 41.7 31.9 47.9
148 64.3 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 195.019 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU054380.D
Acq: 01 Jun 2023 17:54

Tgt Ion: 75 Resp: 186066
Ion Ratio Lower Upper
75 100
155 90.6 72.0 108.0
157 114.2 96.7 145.1

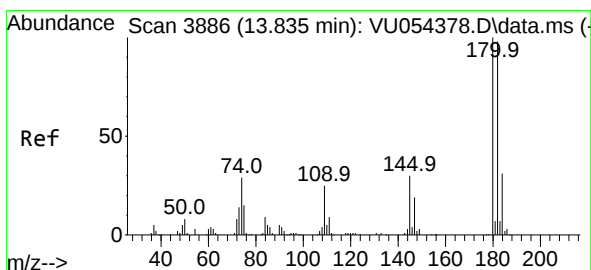
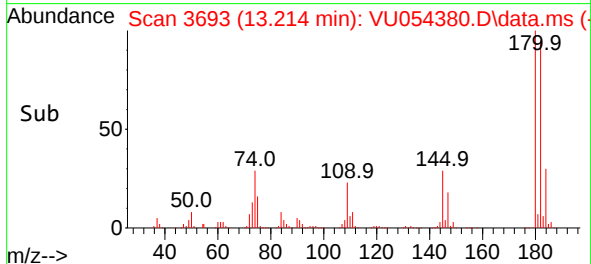
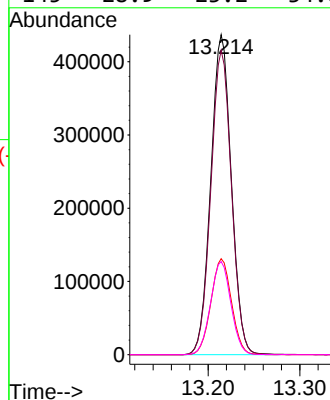
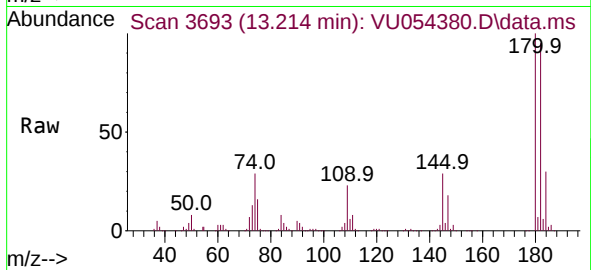




#69
 1,3,5-Trichlorobenzene
 Concen: 191.346 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. -0.000 min
 Lab File: VU054380.D
 Acq: 01 Jun 2023 17:54

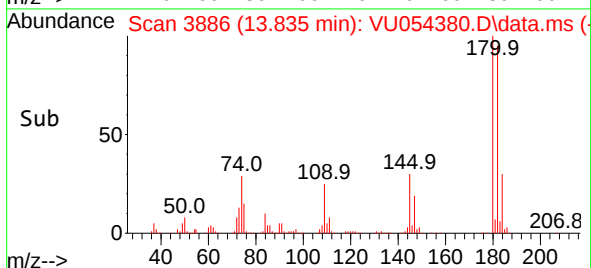
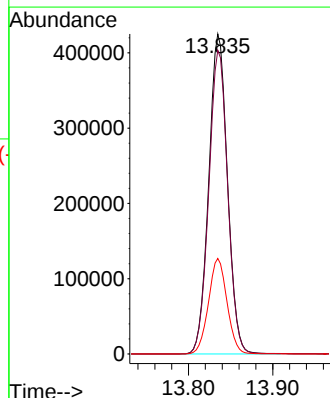
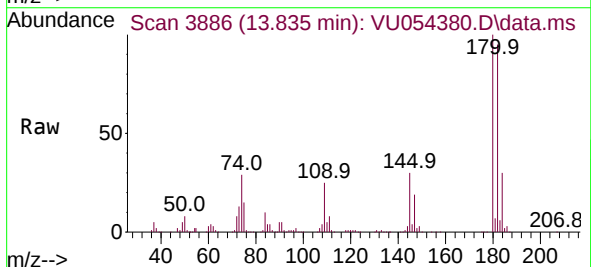
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200027

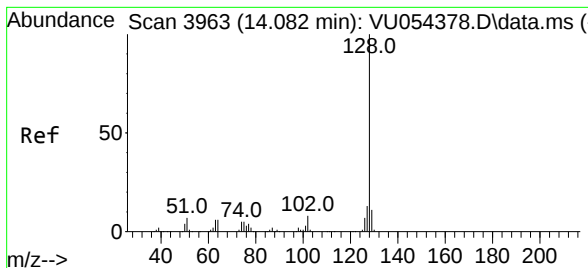
Tgt Ion:	180	Resp:	678830
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.8	113.6
184	30.0	24.2	36.2
145	28.9	23.2	34.8



#70
 1,2,4-trichlorobenzene
 Concen: 197.048 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU054380.D
 Acq: 01 Jun 2023 17:54

Tgt Ion:	180	Resp:	657343
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.0	115.6
145	29.5	23.7	35.5





#71

Naphthalene

Concen: 214.192 ug/L

RT: 14.079 min Scan# 3962

Delta R.T. -0.003 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Instrument :

MSVOA_U

ClientSampleId :

VSTD200027

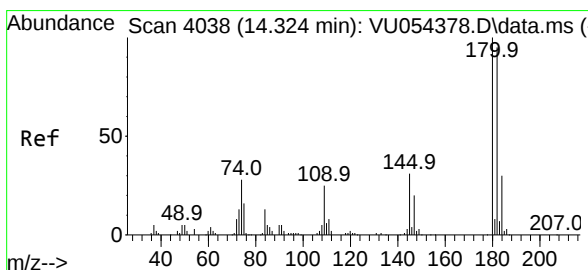
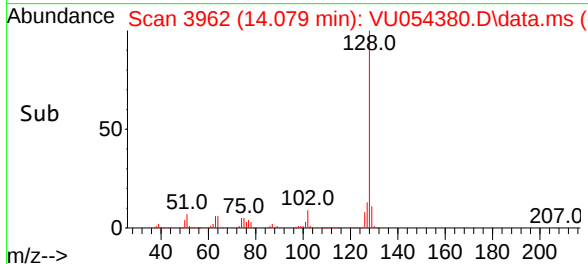
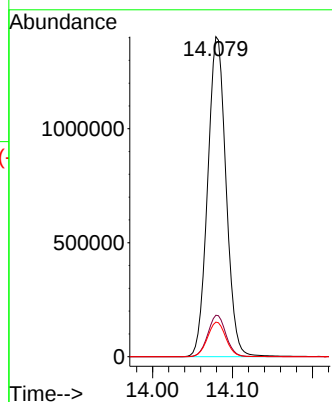
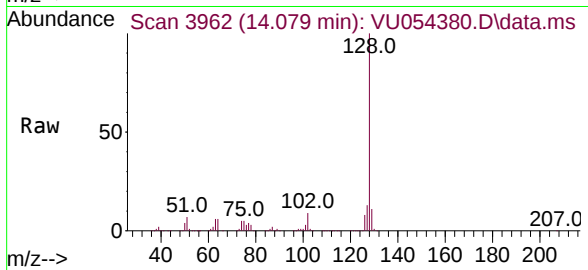
Tgt Ion:128 Resp: 2244120

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 196.062 ug/L

RT: 14.323 min Scan# 4038

Delta R.T. -0.000 min

Lab File: VU054380.D

Acq: 01 Jun 2023 17:54

Tgt Ion:180 Resp: 665721

Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

145 31.2 25.3 37.9

