

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052622.D
 Acq On : 06 Jan 2023 12:00
 Operator : JC/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100064

Quant Time: Jan 07 00:21:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:16:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	328582	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	325855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	186744	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	368937	123.704	ug/L	0.00
7) Chloroethane-d5	1.912	69	284243	126.691	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	603150	120.783	ug/L	0.00
21) 2-Butanone-d5	4.616	46	494987	233.380	ug/L	0.00
24) Chloroform-d	5.060	84	572364	111.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	375041	113.993	ug/L	0.00
32) Benzene-d6	5.722	84	1169576	113.986	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	400182	123.697	ug/L	0.00
41) Toluene-d8	7.896	98	1027225	113.077	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	183009	120.732	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	334169	214.110	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	526153	108.810	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	365178	97.295	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	270574	93.867	ug/L	100
3) Chloromethane	1.520	50	378285	134.763	ug/L	99
5) Vinyl chloride	1.607	62	360727	127.595	ug/L	100
6) Bromomethane	1.858	94	171852	100.612	ug/L	98
8) Chloroethane	1.935	64	230462	132.277	ug/L	100
9) Trichlorofluoromethane	2.141	101	415908	103.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	246820	108.496	ug/L	99
12) 1,1-Dichloroethene	2.581	96	233524	109.689	ug/L	91
13) Acetone	2.626	43	427188	215.265	ug/L	100
14) Carbon disulfide	2.793	76	696578	109.307	ug/L	99
15) Methyl Acetate	2.944	43	373613	141.548	ug/L	99
16) Methylene chloride	3.044	84	294315	109.978	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	246576	110.602	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	840223	125.589	ug/L	99
19) 1,1-Dichloroethane	3.867	63	553317	130.541	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	285473	119.250	ug/L	99
22) 2-Butanone	4.697	43	576729	252.577	ug/L	100
23) Bromochloromethane	4.970	128	138252	108.750	ug/L	97
25) Chloroform	5.083	83	519085	115.173	ug/L	100
27) 1,2-Dichloroethane	5.790	62	430398	123.101	ug/L	100
29) Cyclohexane	5.388	56	489755	141.560	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	415782	107.467	ug/L	98
31) Carbon tetrachloride	5.523	117	348347	104.786	ug/L	99
33) Benzene	5.771	78	1184761	122.618	ug/L	100
34) Trichloroethene	6.539	95	264012	107.048	ug/L	99
35) Methylcyclohexane	6.761	83	464193	121.934	ug/L	98
37) 1,2-Dichloropropane	6.787	63	343800	135.647	ug/L	99
38) Bromodichloromethane	7.102	83	405107	119.616	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	490896	129.990	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	1032537	296.469	ug/L	98
42) Toluene	7.967	91	1180844	118.343	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	475772	129.090	ug/L	99

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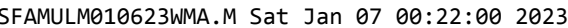
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100064

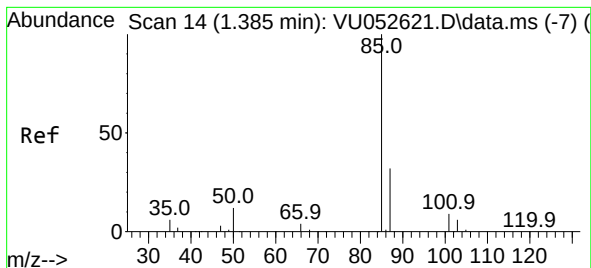
Quant Time: Jan 07 00:21:42 2023
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 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:16:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	277219	111.473	ug/L	99
46) Tetrachloroethene	8.549	164	181734	98.721	ug/L	99
48) 2-Hexanone	8.677	43	828764	282.944	ug/L	98
49) Dibromochloromethane	8.806	129	291756	107.652	ug/L	99
50) 1,2-Dibromoethane	8.918	107	285135	111.079	ug/L	99
51) Chlorobenzene	9.443	112	712122	110.070	ug/L	98
52) Ethylbenzene	9.565	91	1279937	121.525	ug/L	100
53) m,p-Xylene	9.690	106	487540	120.278	ug/L	98
54) o-xylene	10.095	106	472788	122.188	ug/L	97
55) Styrene	10.108	104	847997	123.942	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	509817	116.308	ug/L	98
59) Bromoform	10.285	173	203941	95.163	ug/L	99
60) 1,2,3-Trichloropropane	10.816	75	403360	106.161	ug/L	100
61) Isopropylbenzene	10.481	105	1242677	114.821	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	1089049	120.709	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	1076214	119.668	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	557150	102.335	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	569441	100.349	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	561765	102.535	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	118188	105.470	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	398342	96.716	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	360940	103.698	ug/L	99
71) Naphthalene	14.079	128	1254137	112.991	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	374912	106.161	ug/L	99

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

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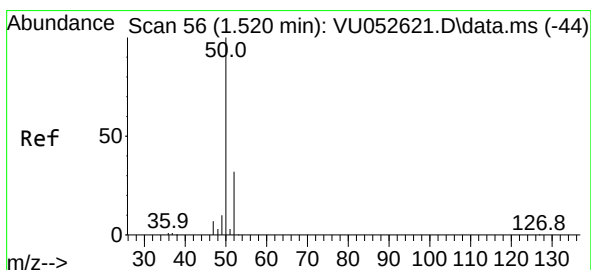
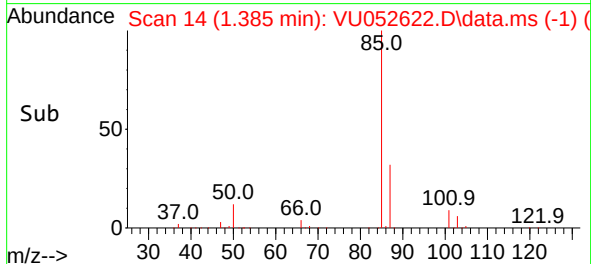
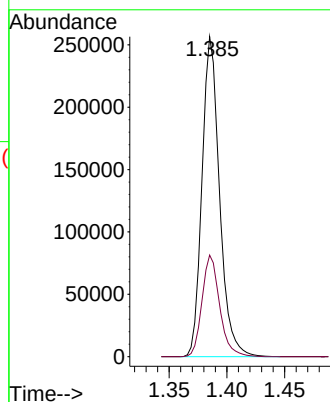
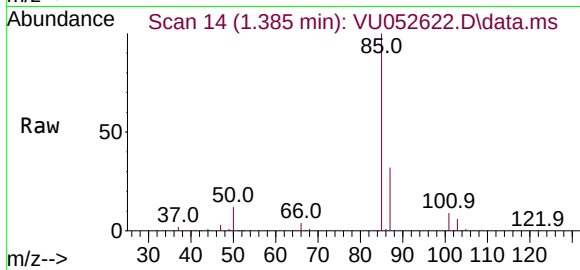




#2
 Dichlorodifluoromethane
 Concen: 93.867 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU052622.D
 Acq: 06 Jan 2023 12:00

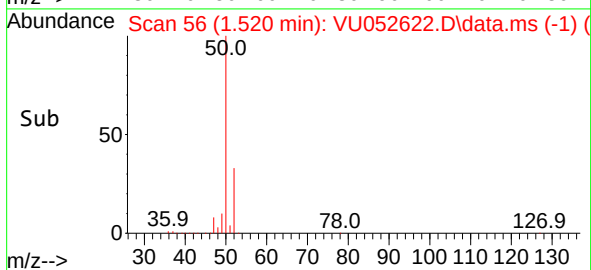
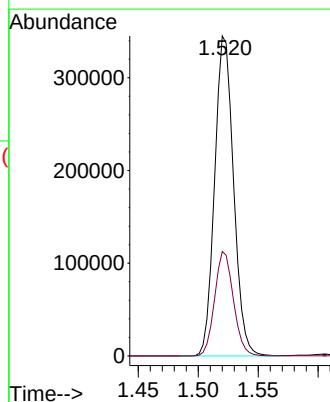
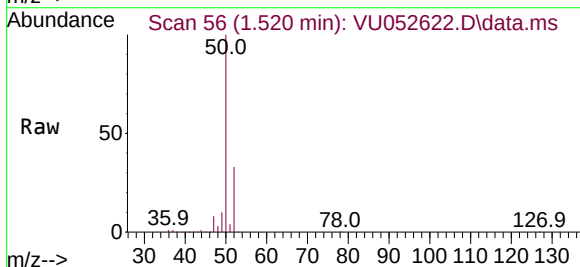
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100064

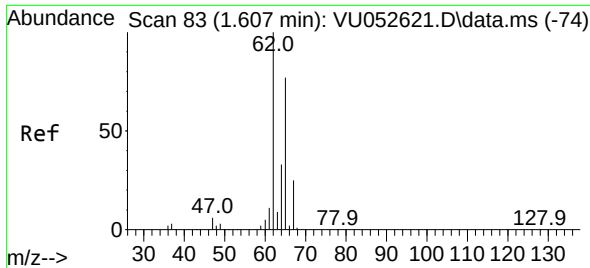
Tgt Ion: 85 Resp: 270574
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 134.763 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU052622.D
 Acq: 06 Jan 2023 12:00

Tgt Ion: 50 Resp: 378285
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.3 41.5

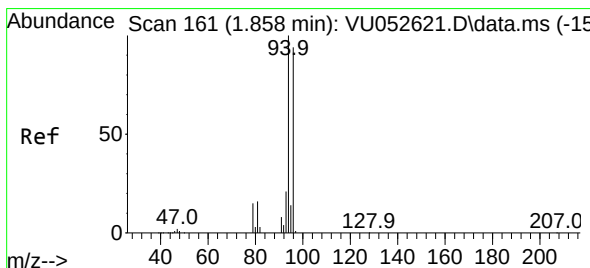
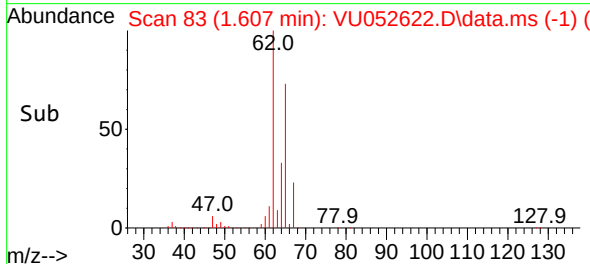
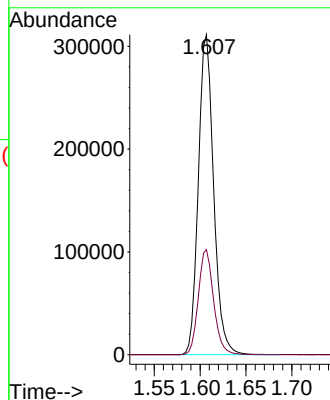
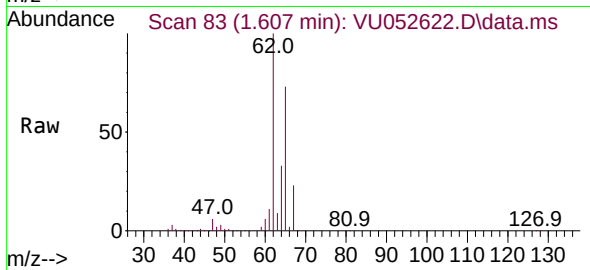




#5
 Vinyl chloride
 Concen: 127.595 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU052622.D
 Acq: 06 Jan 2023 12:00

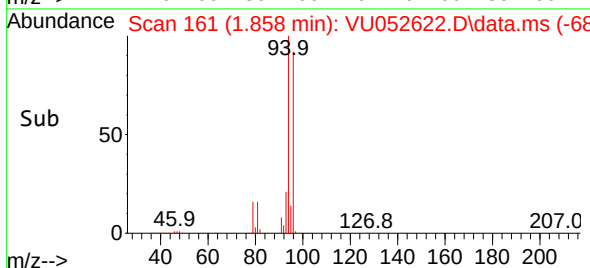
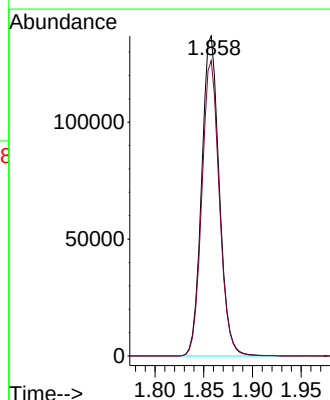
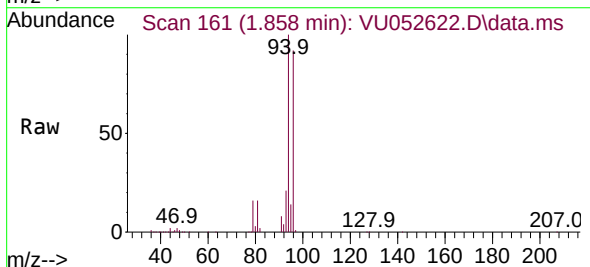
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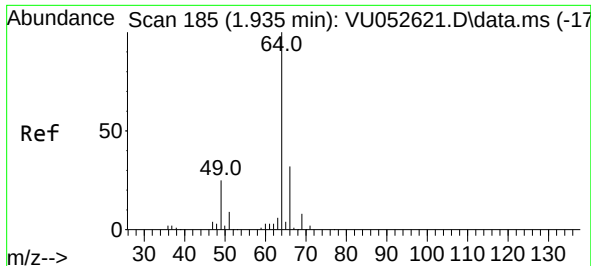
Tgt Ion: 62 Resp: 360727
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.6



#6
 Bromomethane
 Concen: 100.612 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU052622.D
 Acq: 06 Jan 2023 12:00

Tgt Ion: 94 Resp: 171852
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.8 122.2

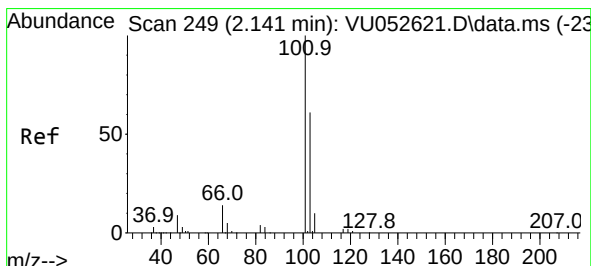
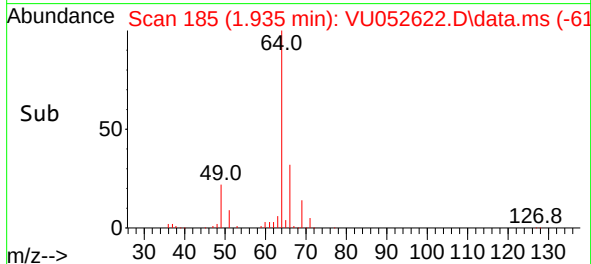
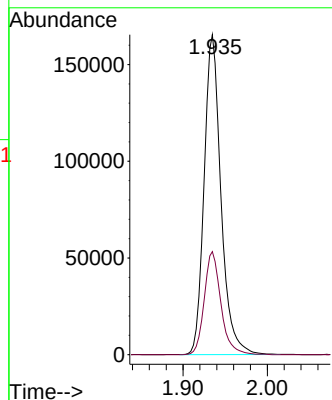
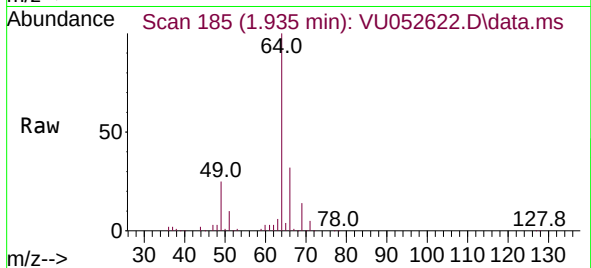




#8
Chloroethane
Concen: 132.277 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

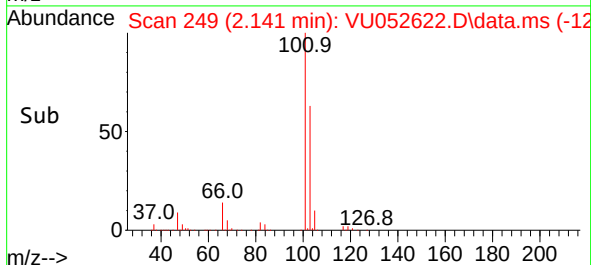
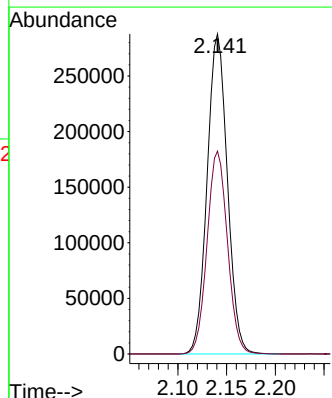
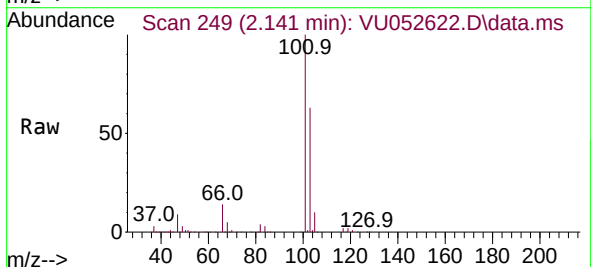
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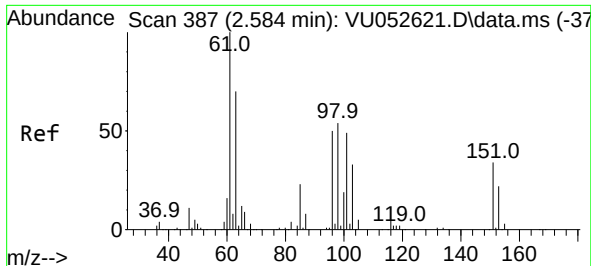
Tgt Ion: 64 Resp: 230462
Ion Ratio Lower Upper
64 100
66 32.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 103.860 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion:101 Resp: 415908
Ion Ratio Lower Upper
101 100
103 63.8 50.2 75.2

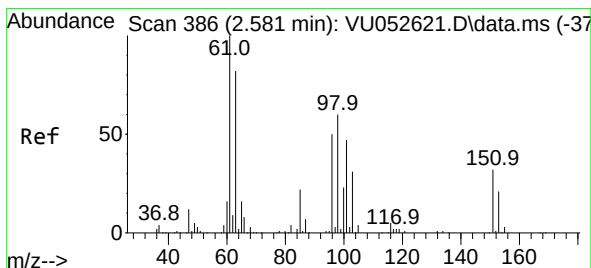
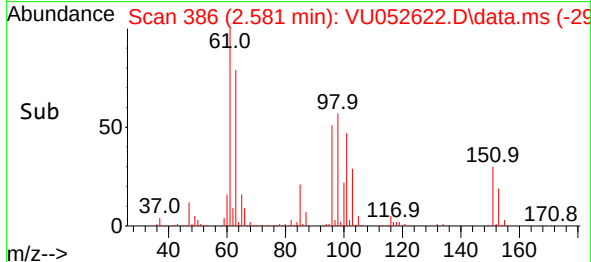
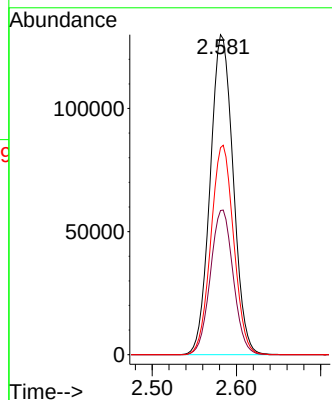
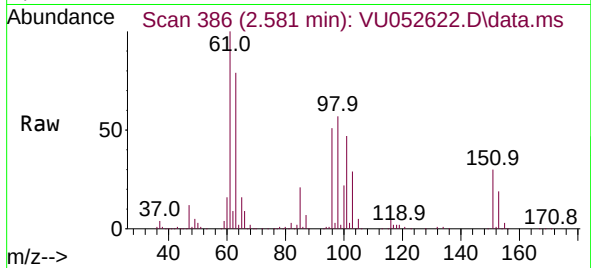




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 108.496 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU052622.D
 Acq: 06 Jan 2023 12:00

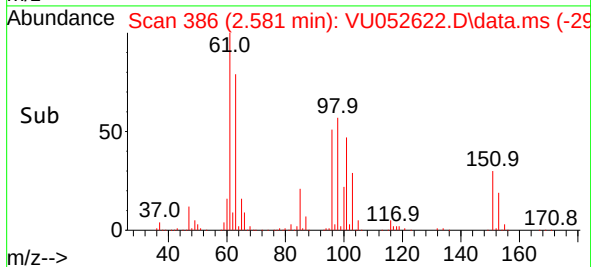
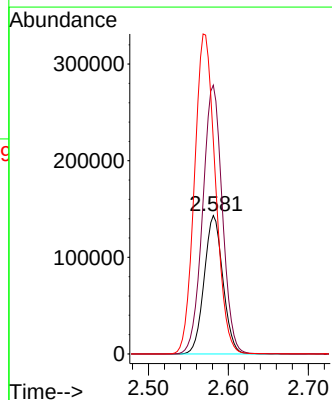
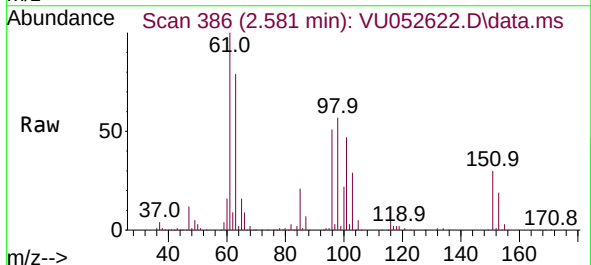
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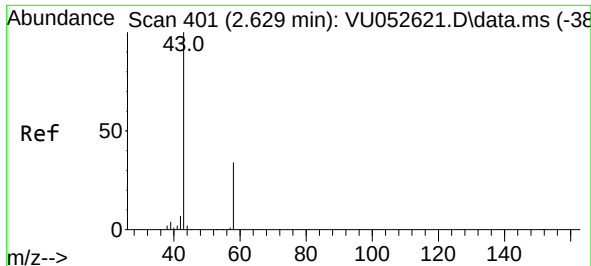
Tgt Ion:101 Resp: 246820
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.8 53.6
 151 64.9 53.2 79.8



#12
 1,1-Dichloroethene
 Concen: 109.689 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052622.D
 Acq: 06 Jan 2023 12:00

Tgt Ion: 96 Resp: 233524
 Ion Ratio Lower Upper
 96 100
 61 194.4 140.8 261.6
 63 154.4 122.6 227.6





#13

Acetone

Concen: 215.265 ug/L

RT: 2.626 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

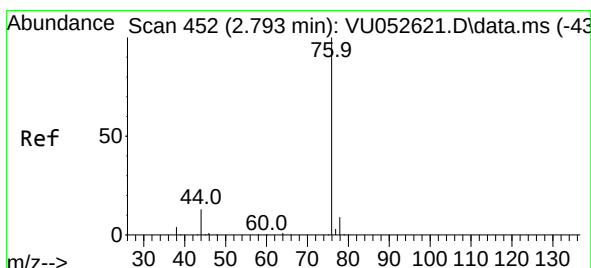
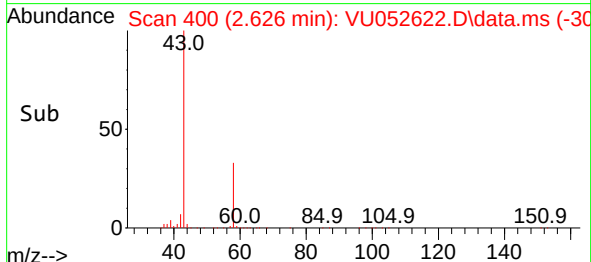
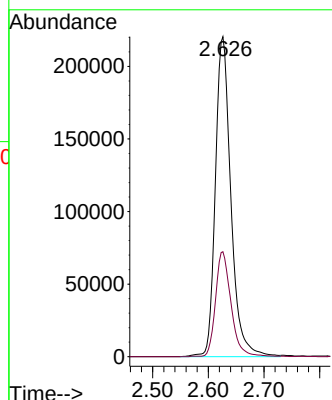
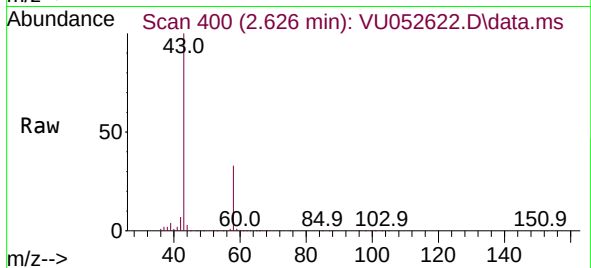
VSTD100064

Tgt Ion: 43 Resp: 427188

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.4



#14

Carbon disulfide

Concen: 109.307 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052622.D

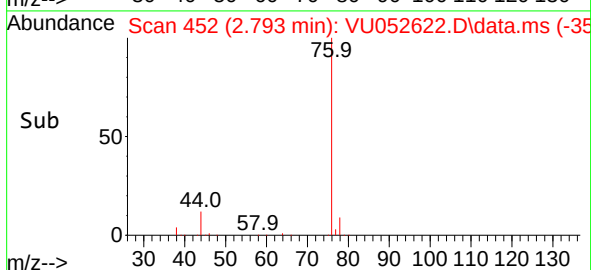
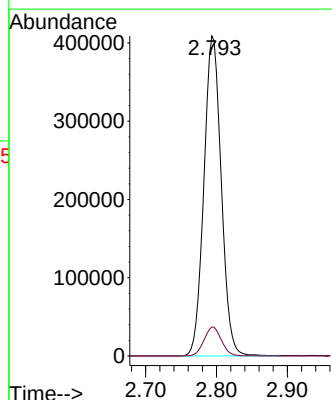
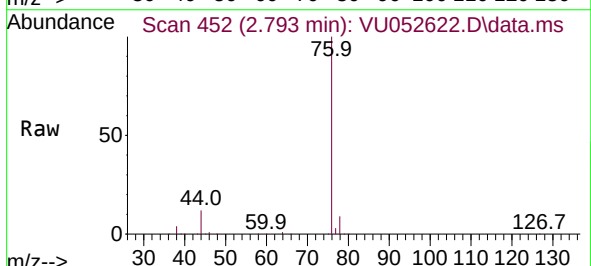
Acq: 06 Jan 2023 12:00

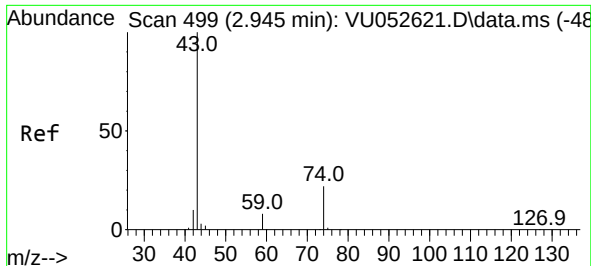
Tgt Ion: 76 Resp: 696578

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

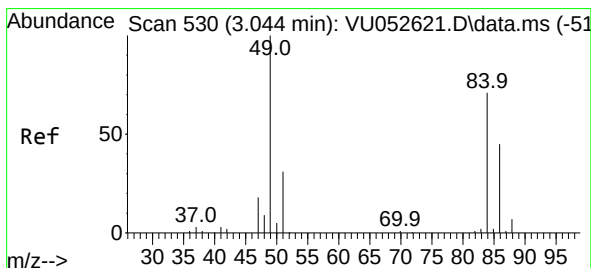
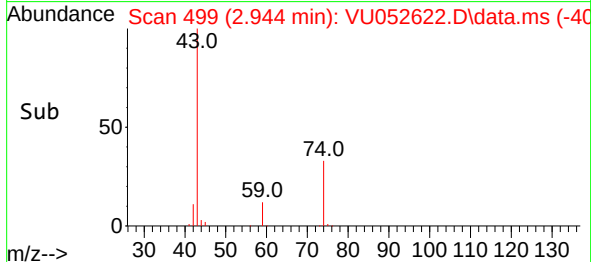
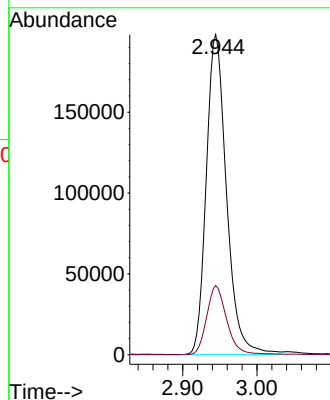
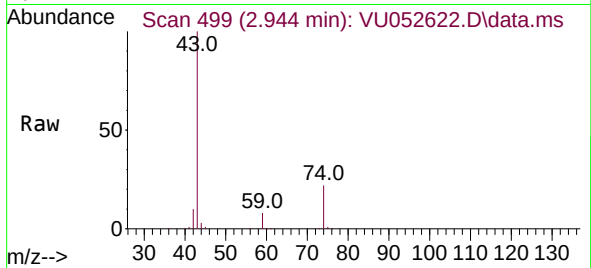




#15
Methyl Acetate
Concen: 141.548 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

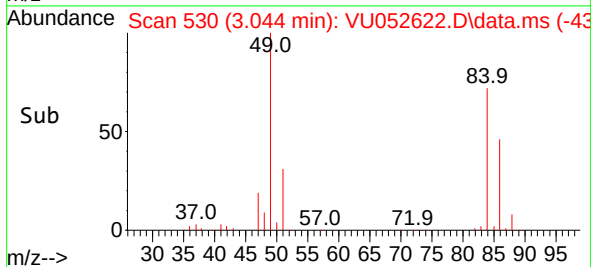
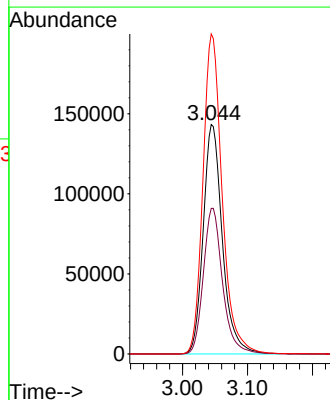
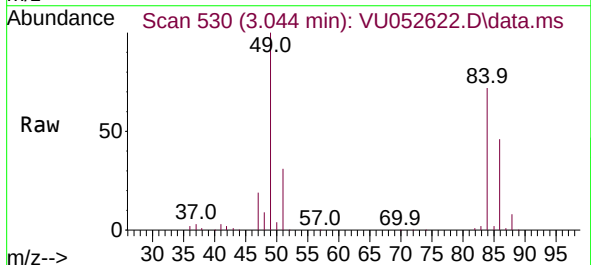
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

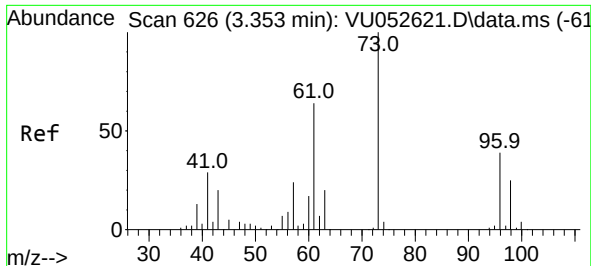
Tgt Ion: 43 Resp: 373613
Ion Ratio Lower Upper
43 100
74 21.2 17.2 25.8



#16
Methylene chloride
Concen: 109.978 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 84 Resp: 294315
Ion Ratio Lower Upper
84 100
86 63.4 44.7 83.1
49 139.4 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 110.602 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD100064

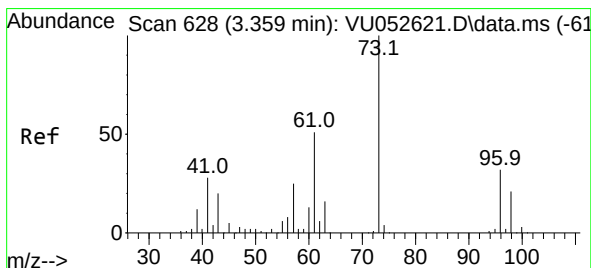
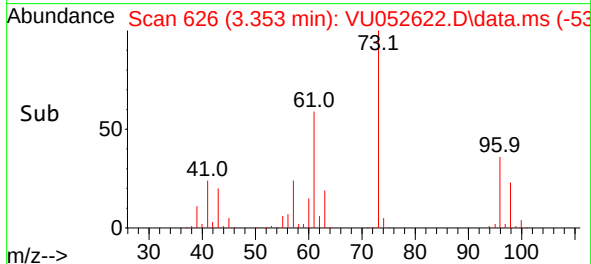
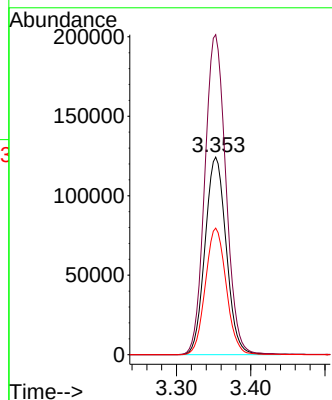
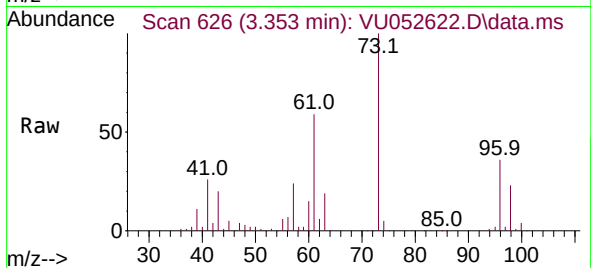
Tgt Ion: 96 Resp: 246576

Ion Ratio Lower Upper

96 100

61 162.0 115.3 214.1

98 64.1 44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 125.589 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

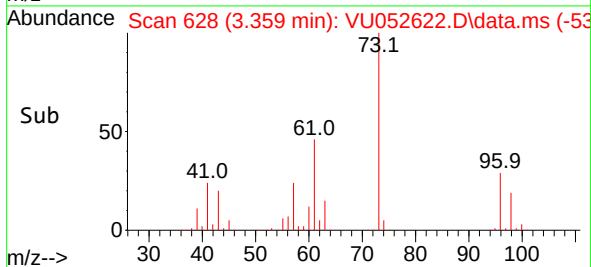
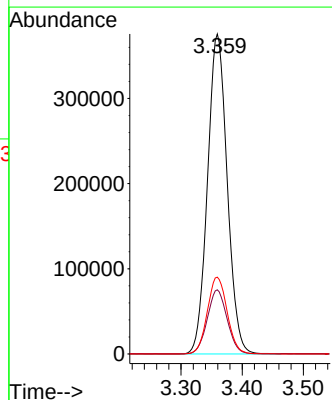
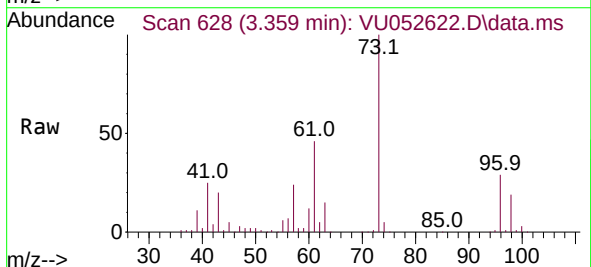
Tgt Ion: 73 Resp: 840223

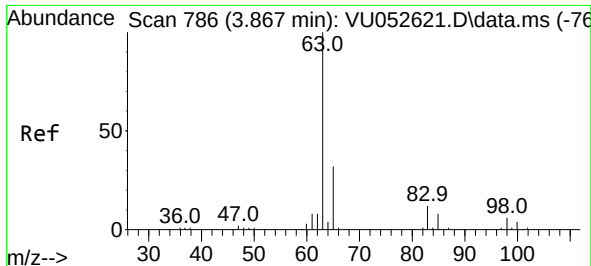
Ion Ratio Lower Upper

73 100

43 20.2 16.3 24.5

57 24.2 19.6 29.4

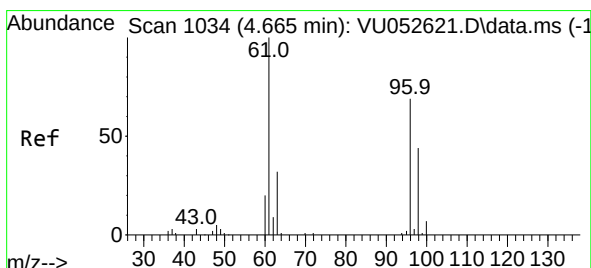
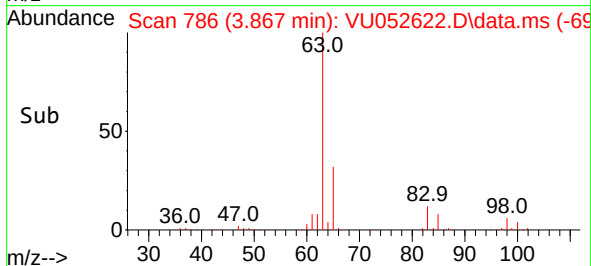
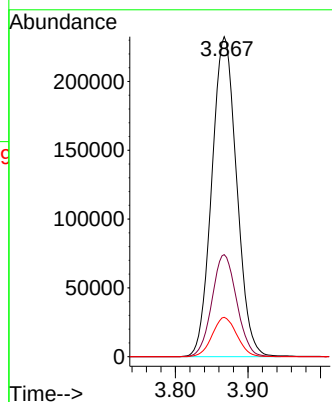
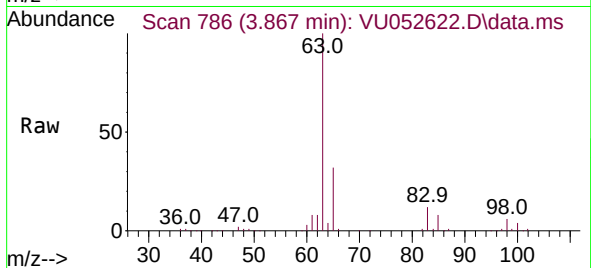




#19
1,1-Dichloroethane
Concen: 130.541 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

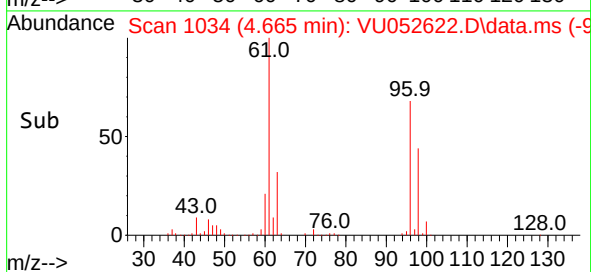
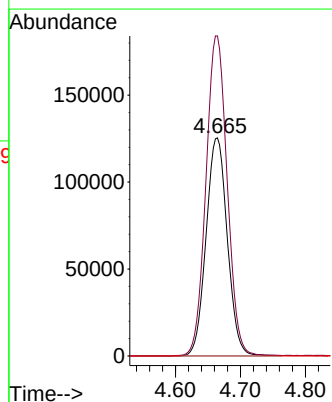
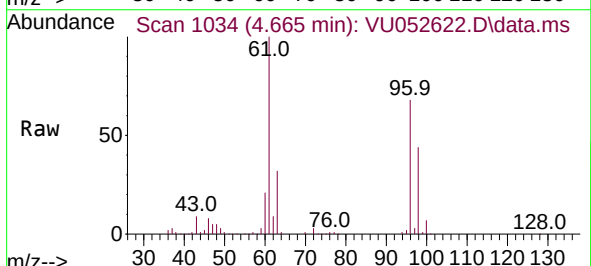
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

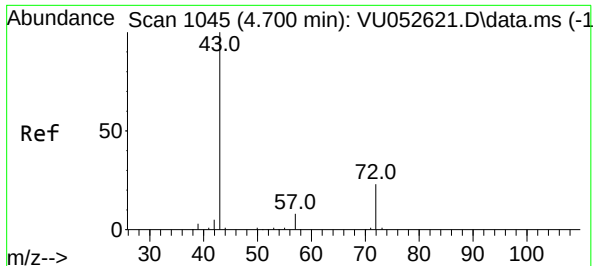
Tgt Ion: 63 Resp: 553317
Ion Ratio Lower Upper
63 100
65 31.9 22.2 41.2
83 12.3 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 119.250 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 96 Resp: 285473
Ion Ratio Lower Upper
96 100
61 146.7 102.1 189.7
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 252.577 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

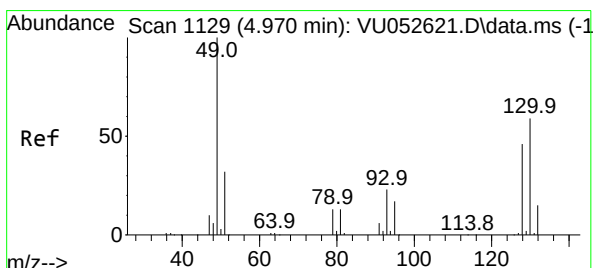
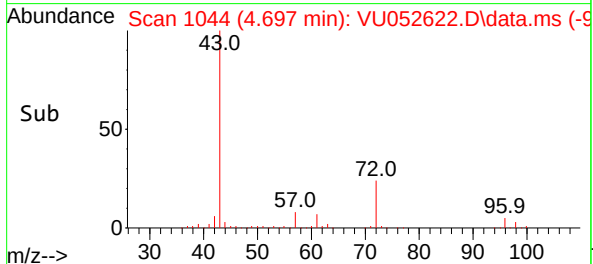
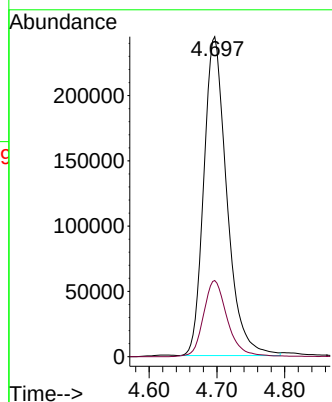
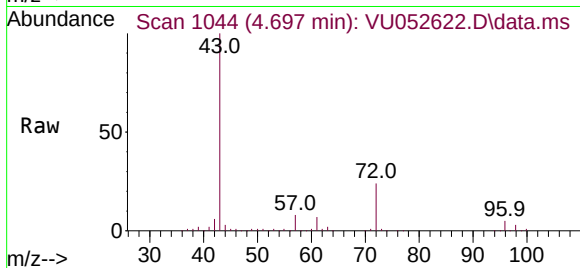
VSTD100064

Tgt Ion: 43 Resp: 576729

Ion Ratio Lower Upper

43 100

72 24.7 12.4 37.4



#23

Bromochloromethane

Concen: 108.750 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

Tgt Ion:128 Resp: 138252

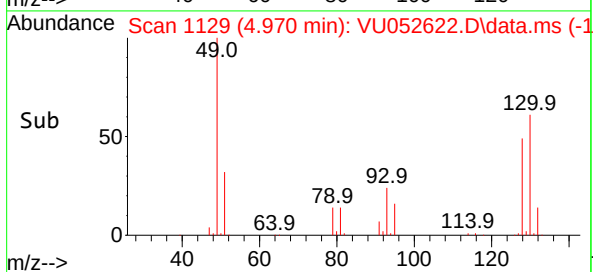
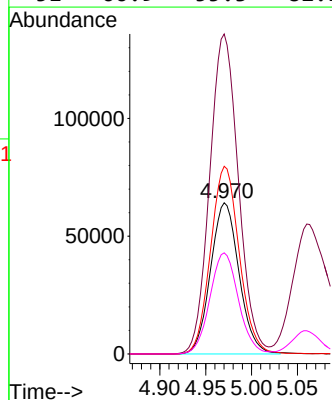
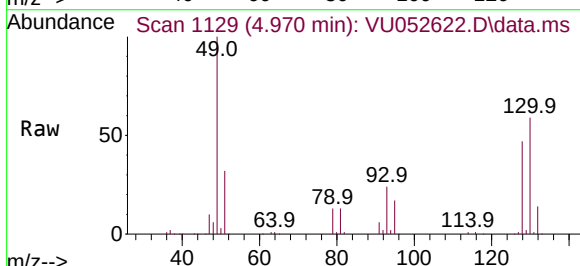
Ion Ratio Lower Upper

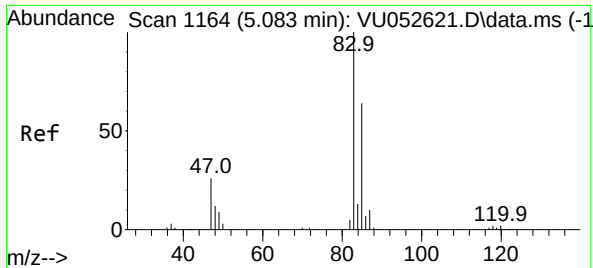
128 100

49 211.6 152.3 282.9

130 124.1 89.2 165.8

51 66.9 55.3 82.9

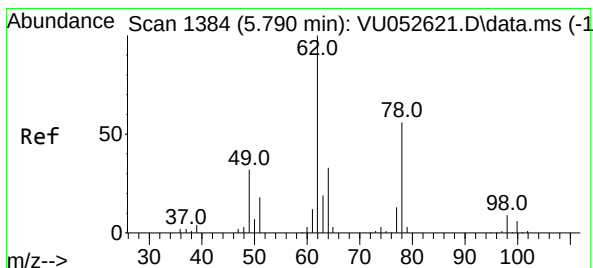
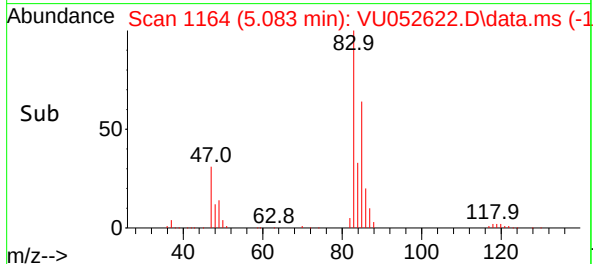
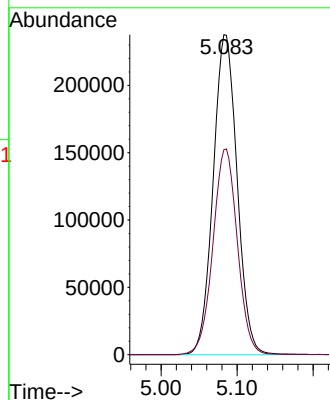
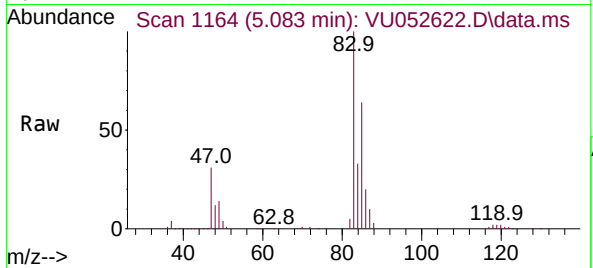




#25
Chloroform
Concen: 115.173 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

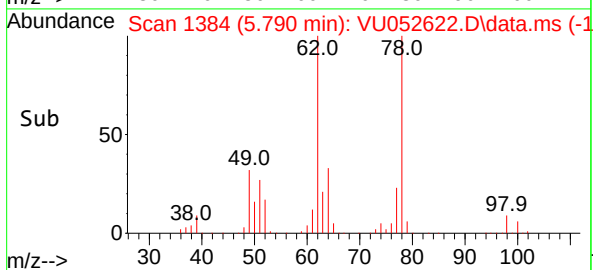
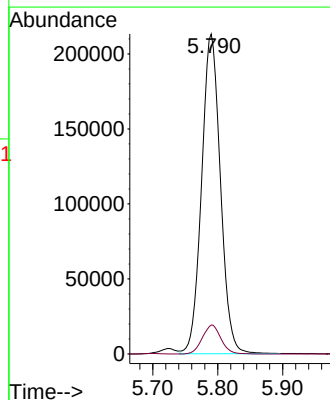
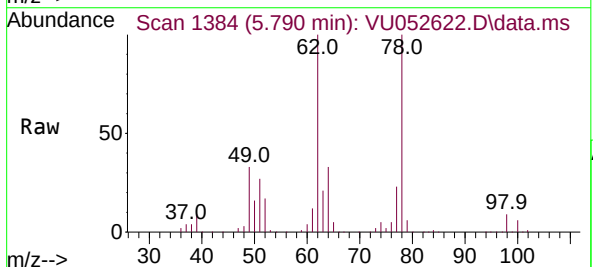
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

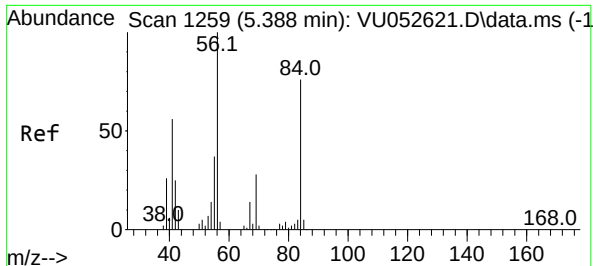
Tgt Ion: 83 Resp: 519085
Ion Ratio Lower Upper
83 100
85 64.0 44.9 83.5



#27
1,2-Dichloroethane
Concen: 123.101 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 62 Resp: 430398
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8





#29

Cyclohexane

Concen: 141.560 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD100064

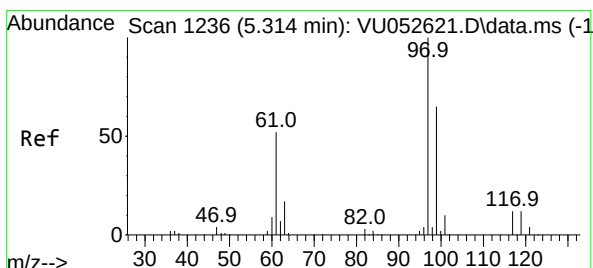
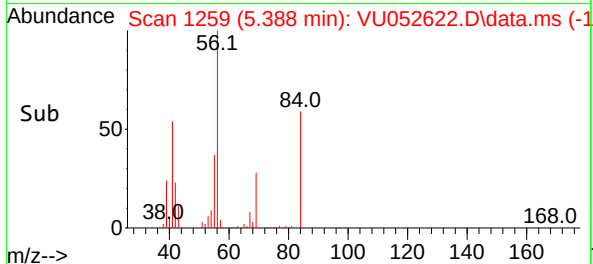
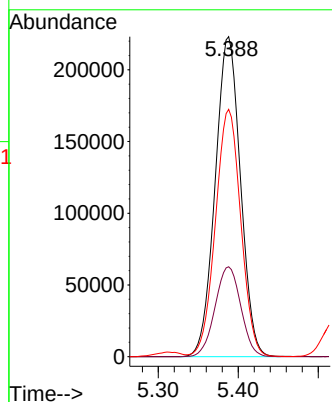
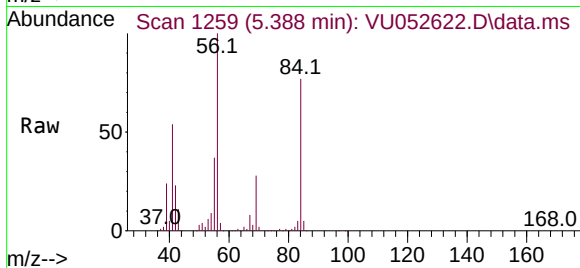
Tgt Ion: 56 Resp: 489755

Ion Ratio Lower Upper

56 100

69 28.6 22.5 33.7

84 77.6 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 107.467 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

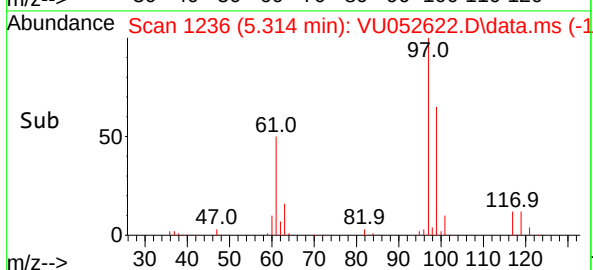
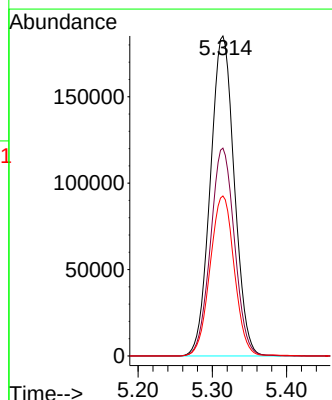
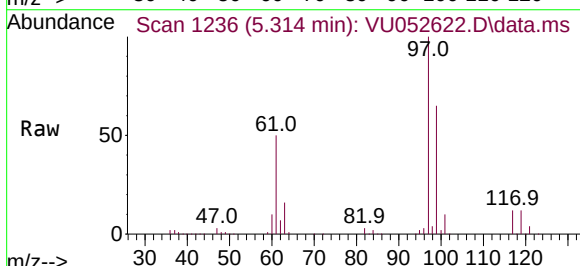
Tgt Ion: 97 Resp: 415782

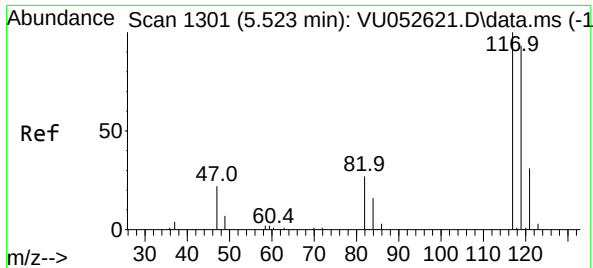
Ion Ratio Lower Upper

97 100

99 65.1 51.1 76.7

61 50.3 41.2 61.8

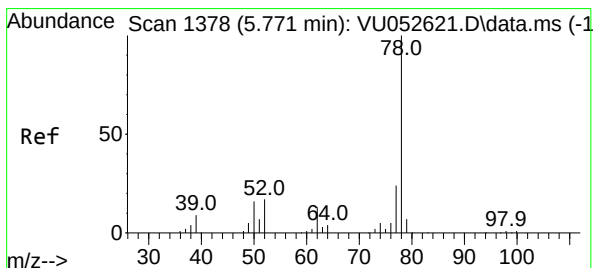
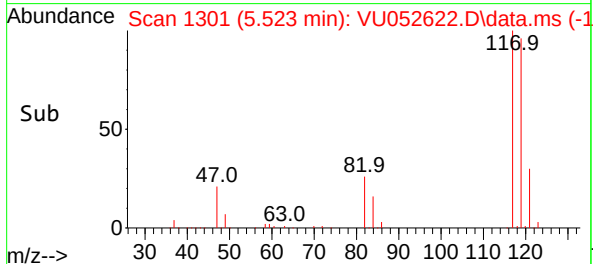
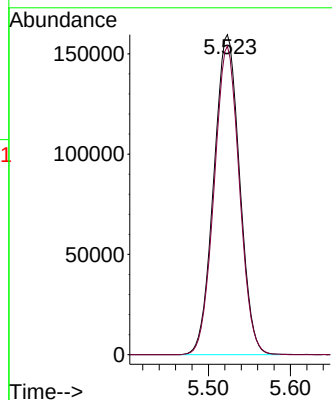
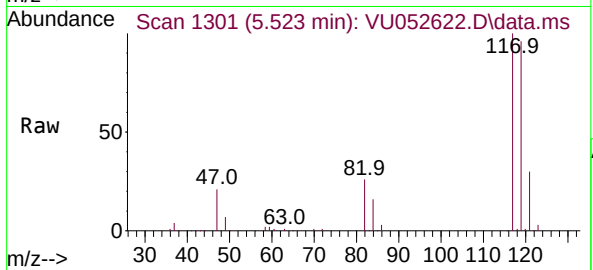




#31
Carbon tetrachloride
Concen: 104.786 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

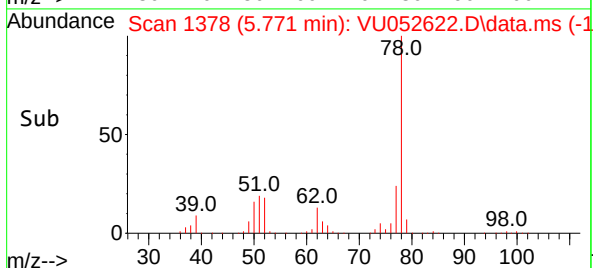
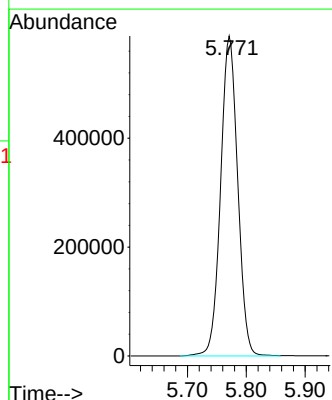
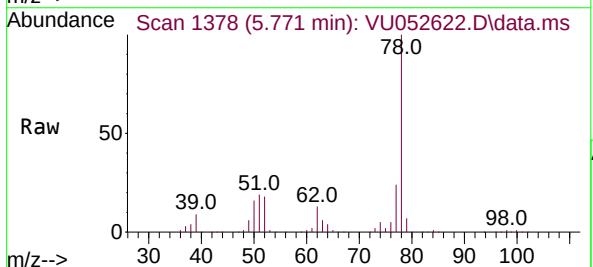
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

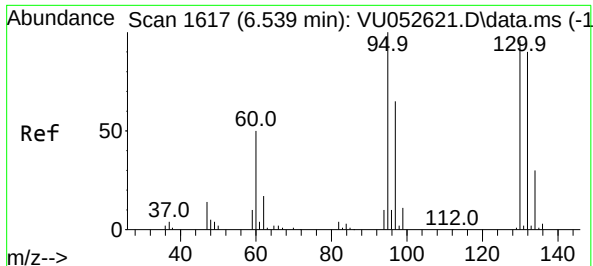
Tgt Ion:117 Resp: 348347
Ion Ratio Lower Upper
117 100
119 94.5 76.0 114.0



#33
Benzene
Concen: 122.618 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 78 Resp: 1184761

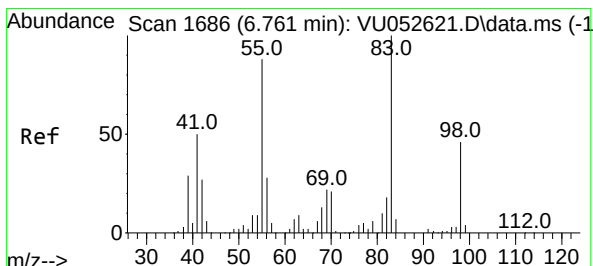
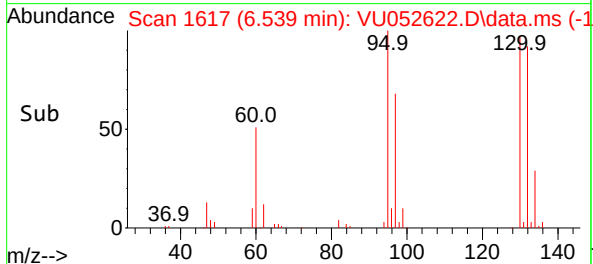
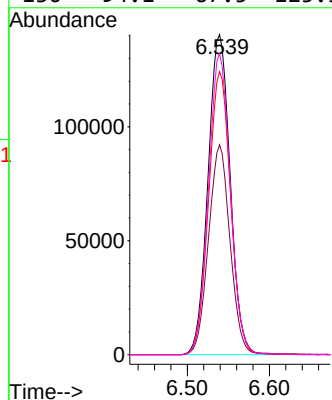
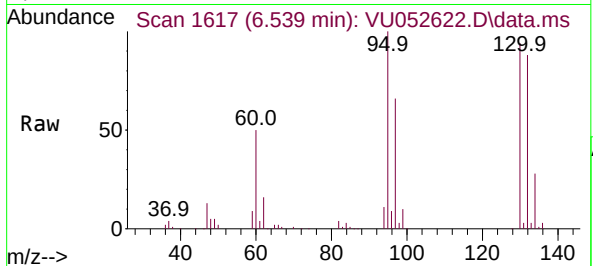




#34
Trichloroethene
Concen: 107.048 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

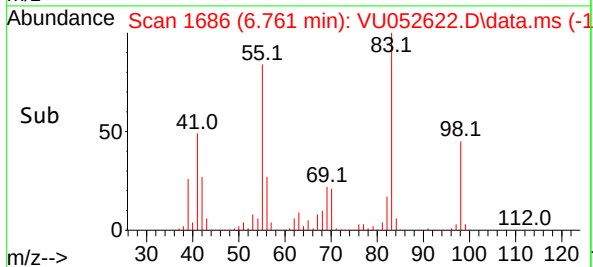
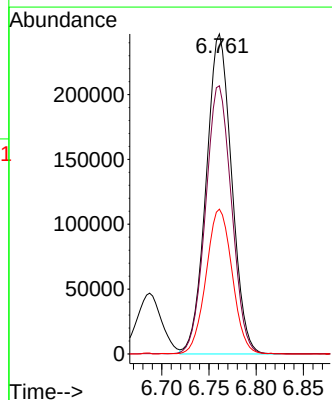
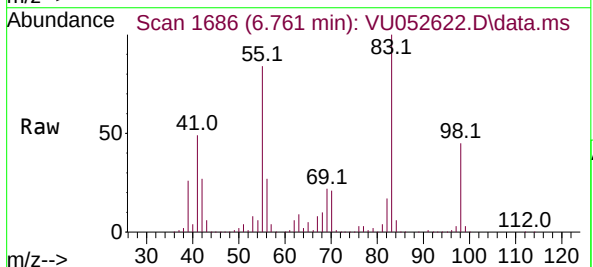
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

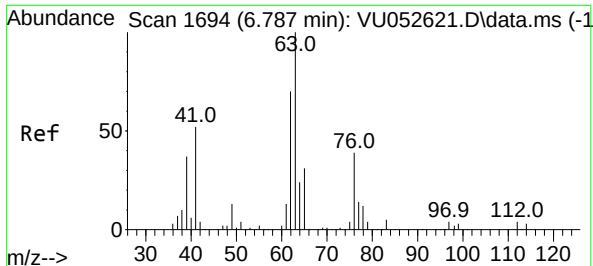
Tgt Ion: 95 Resp: 264012
Ion Ratio Lower Upper
95 100
97 65.6 45.7 84.9
132 88.5 62.6 116.3
130 94.1 67.5 125.3



#35
Methylcyclohexane
Concen: 121.934 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 83 Resp: 464193
Ion Ratio Lower Upper
83 100
55 85.5 71.0 106.4
98 46.1 37.0 55.6

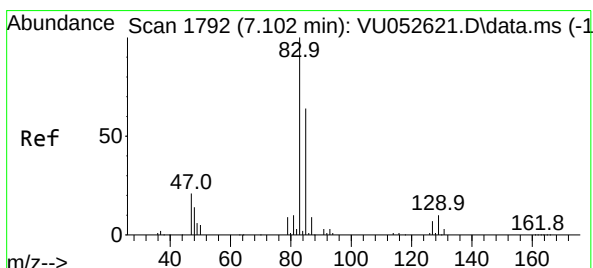
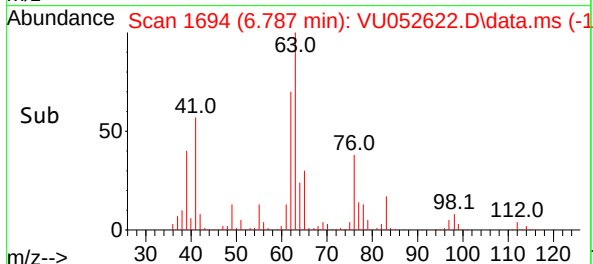
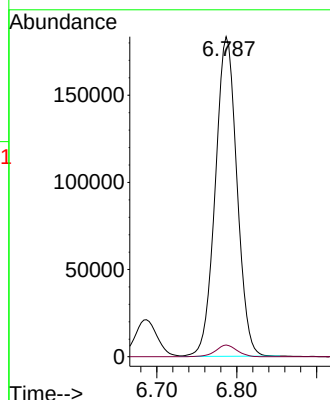
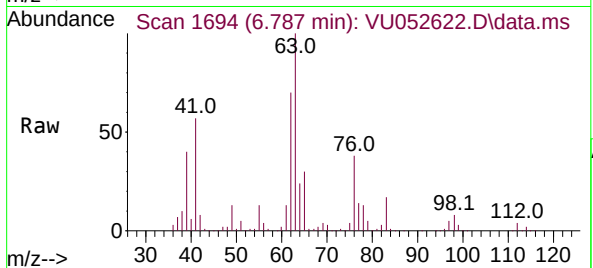




#37
1,2-Dichloropropane
Concen: 135.647 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

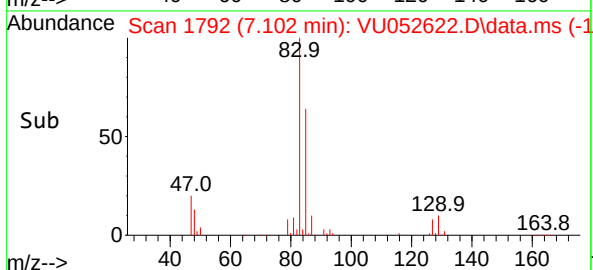
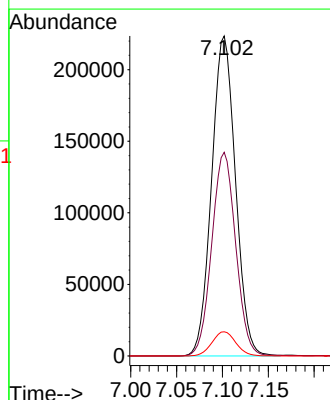
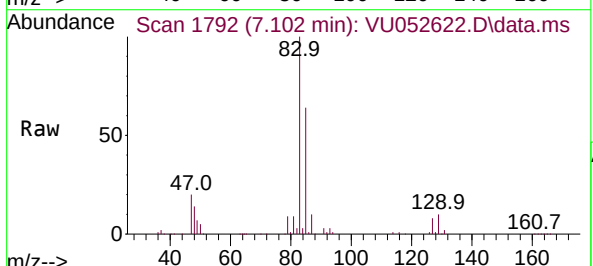
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

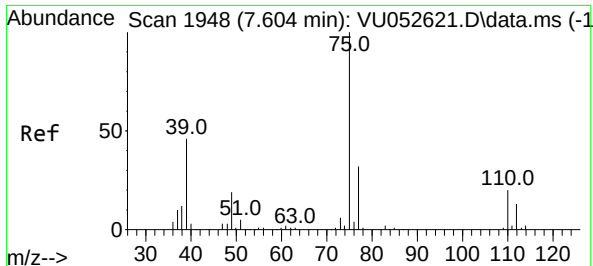
Tgt Ion: 63 Resp: 343800
Ion Ratio Lower Upper
63 100
112 3.6 3.1 4.7



#38
Bromodichloromethane
Concen: 119.616 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 83 Resp: 405107
Ion Ratio Lower Upper
83 100
85 63.7 44.7 82.9
127 7.6 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 129.990 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

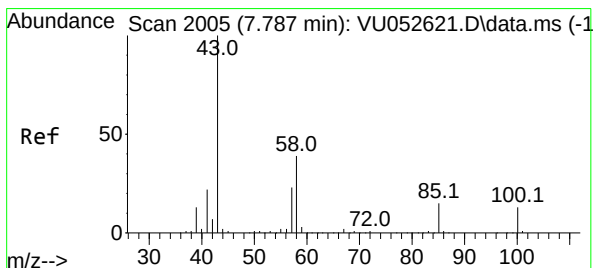
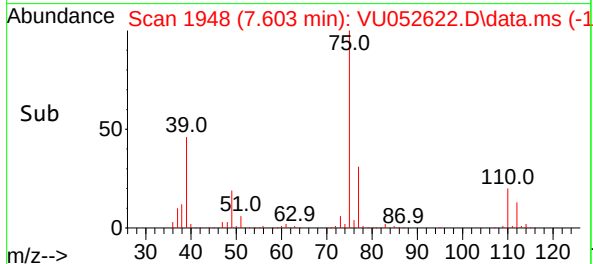
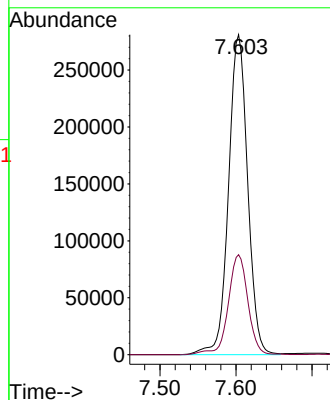
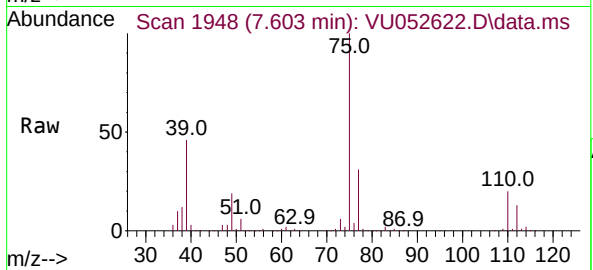
VSTD100064

Tgt Ion: 75 Resp: 490896

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 296.469 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

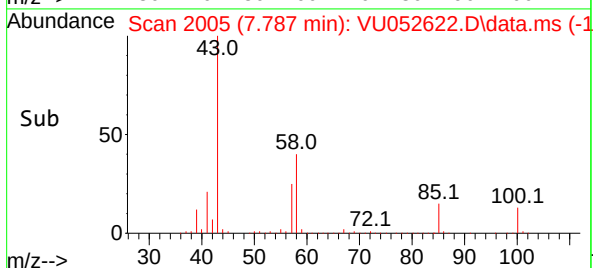
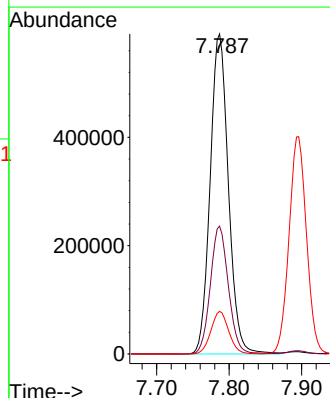
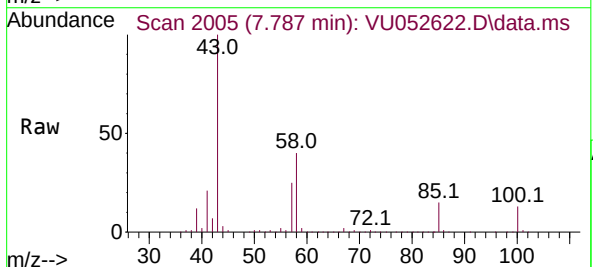
Tgt Ion: 43 Resp: 1032537

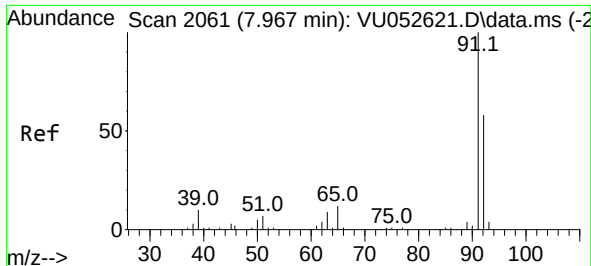
Ion Ratio Lower Upper

43 100

58 39.5 30.4 45.6

100 13.0 9.9 14.9





#42

Toluene

Concen: 118.343 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

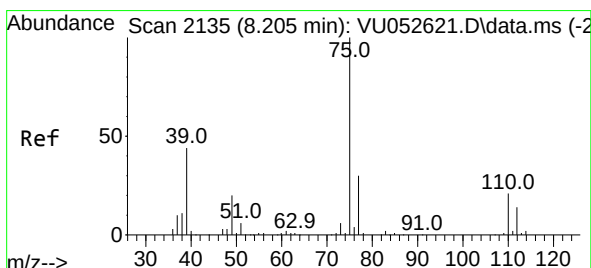
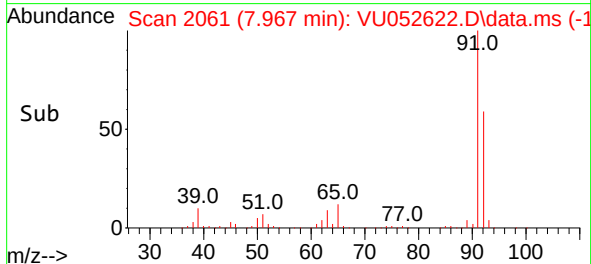
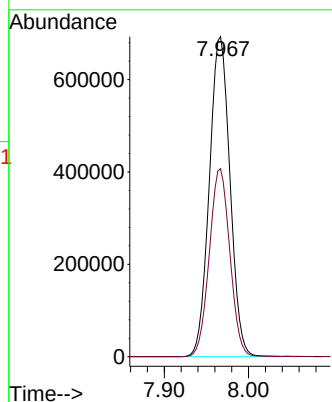
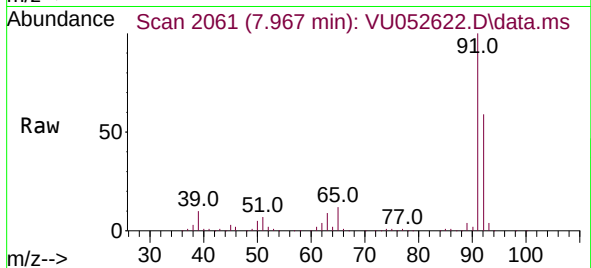
VSTD100064

Tgt Ion: 91 Resp: 1180844

Ion Ratio Lower Upper

91 100

92 58.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 129.090 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU052622.D

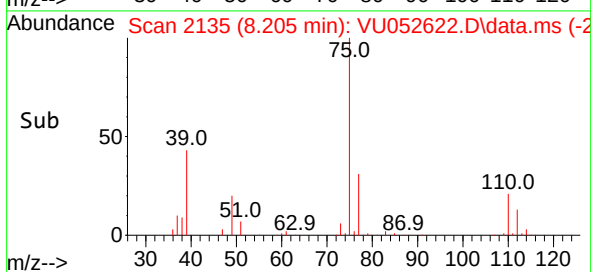
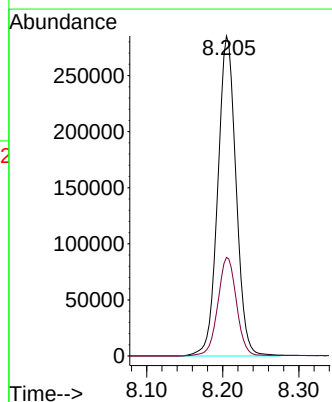
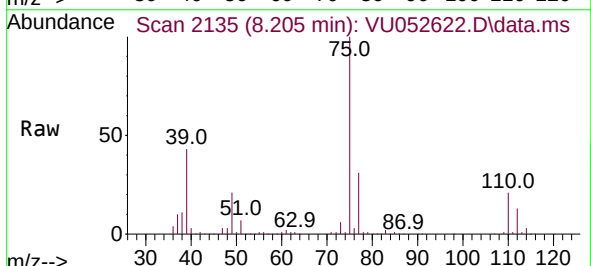
Acq: 06 Jan 2023 12:00

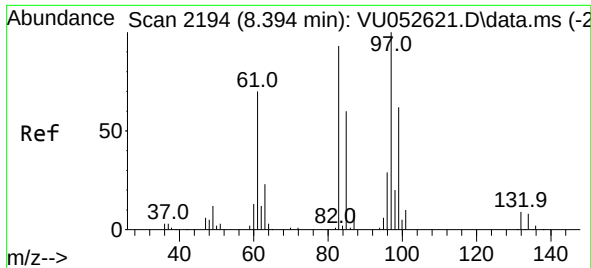
Tgt Ion: 75 Resp: 475772

Ion Ratio Lower Upper

75 100

77 30.8 21.3 39.5



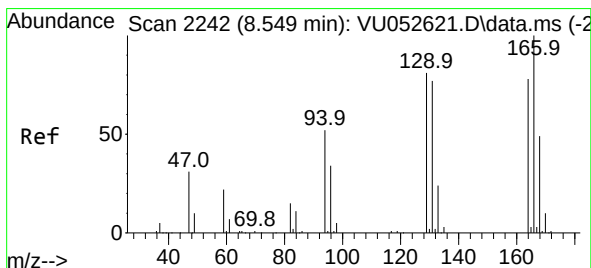
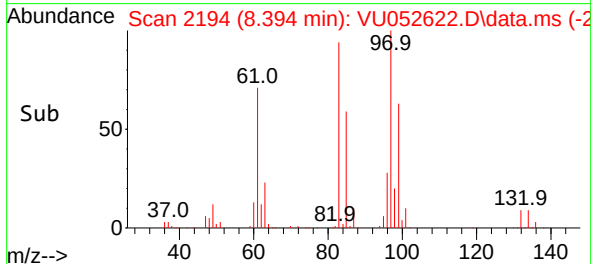
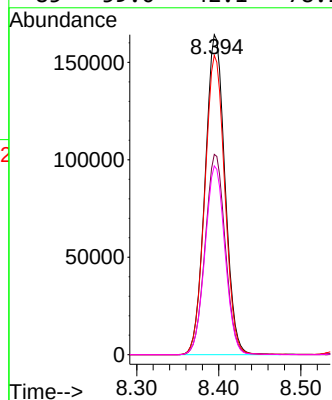
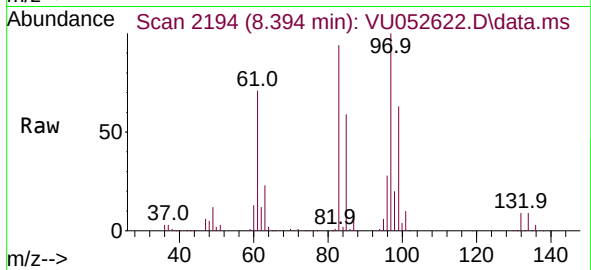


#45
1,1,2-Trichloroethane
Concen: 111.473 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

Tgt Ion: 97 Resp: 277219

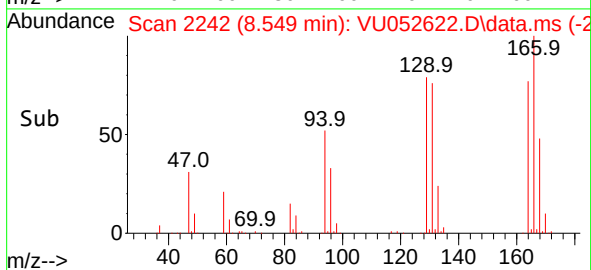
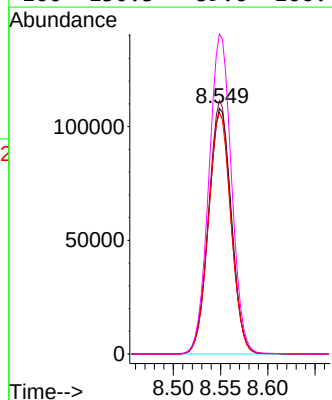
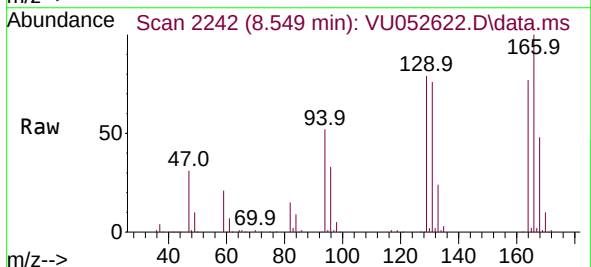
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.3	80.3
83	93.6	65.2	121.0
85	59.0	42.1	78.1

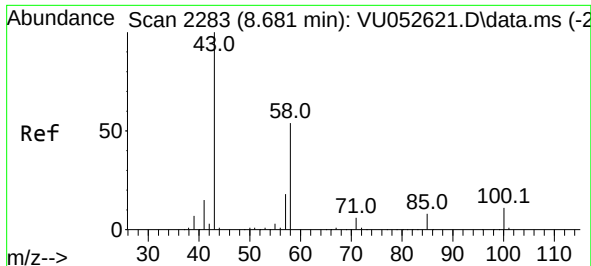


#46
Tetrachloroethene
Concen: 98.721 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 164 Resp: 181734

Ion	Ratio	Lower	Upper
164	100		
129	103.1	72.7	134.9
131	98.5	69.2	128.4
166	130.3	89.6	166.4



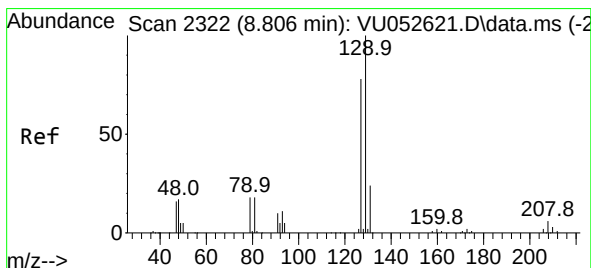
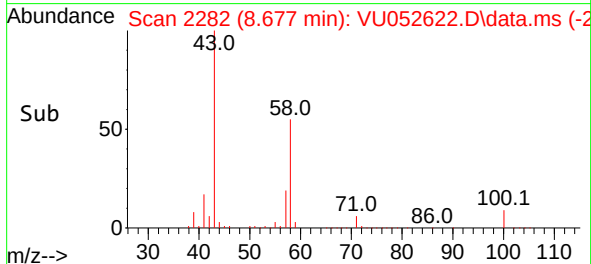
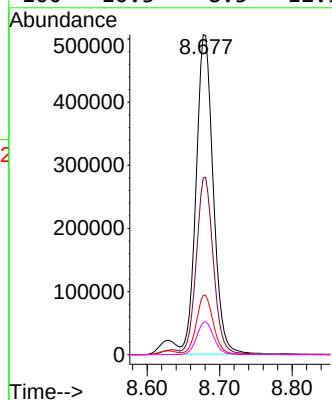
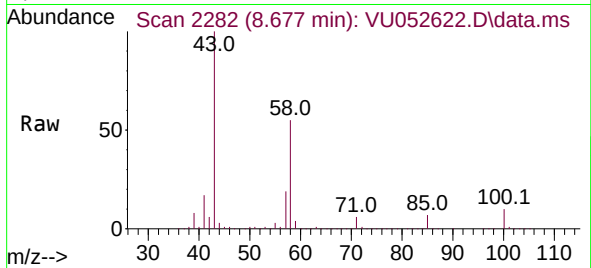


#48
2-Hexanone
Concen: 282.944 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

Tgt Ion: 43 Resp: 828764

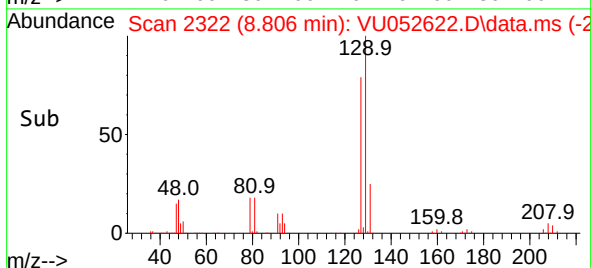
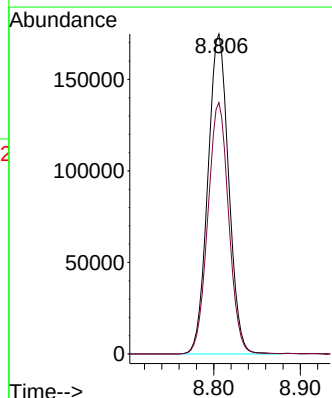
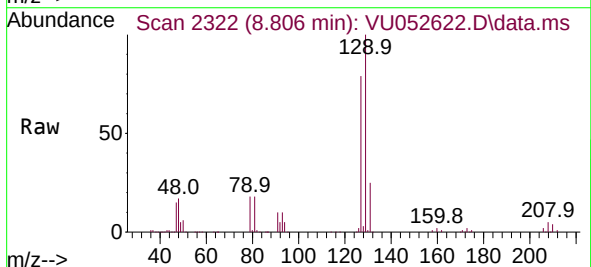
Ion	Ratio	Lower	Upper
43	100		
58	55.3	42.6	63.8
57	18.5	14.2	21.4
100	10.3	8.3	12.5

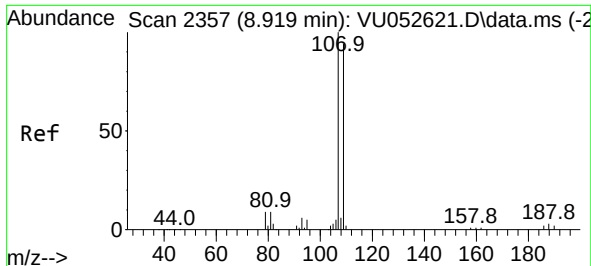


#49
Dibromochloromethane
Concen: 107.652 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 129 Resp: 291756

Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.5	101.3





#50

1,2-Dibromoethane

Concen: 111.079 ug/L

RT: 8.918 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD100064

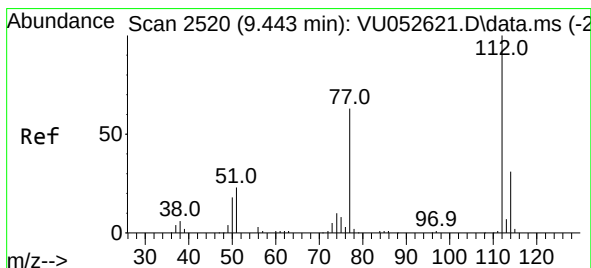
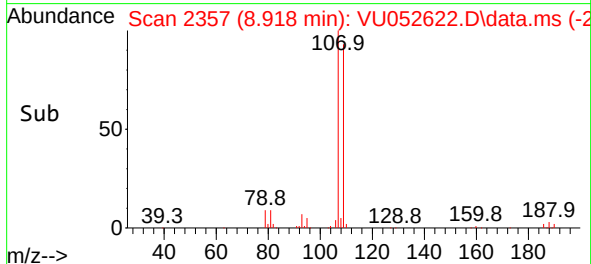
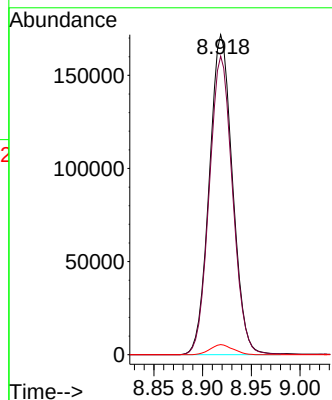
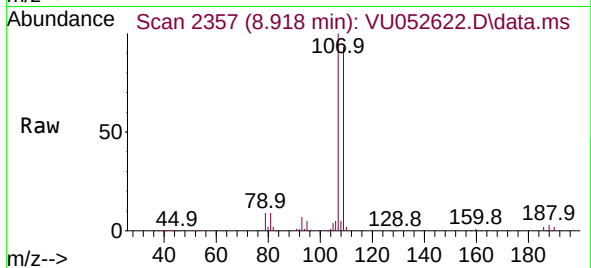
Tgt Ion:107 Resp: 285135

Ion Ratio Lower Upper

107 100

109 93.3 65.9 122.5

188 3.2 2.5 3.7



#51

Chlorobenzene

Concen: 110.070 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VU052622.D

Acq: 06 Jan 2023 12:00

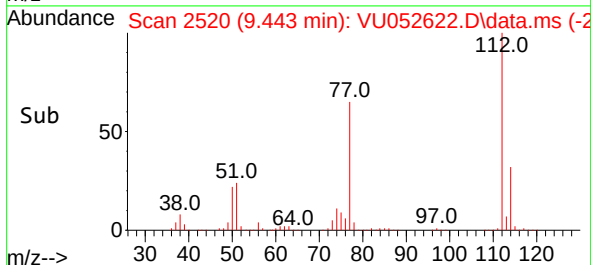
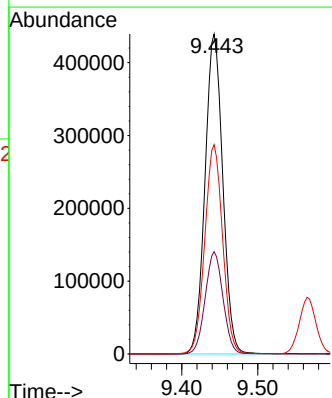
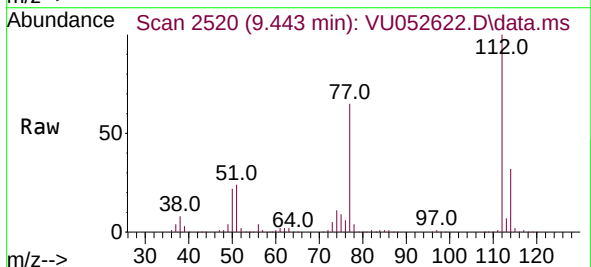
Tgt Ion:112 Resp: 712122

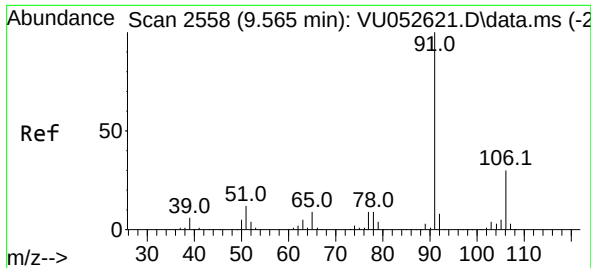
Ion Ratio Lower Upper

112 100

114 32.0 21.6 40.0

77 65.4 50.8 76.2

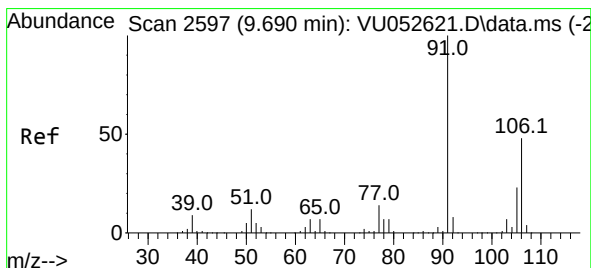
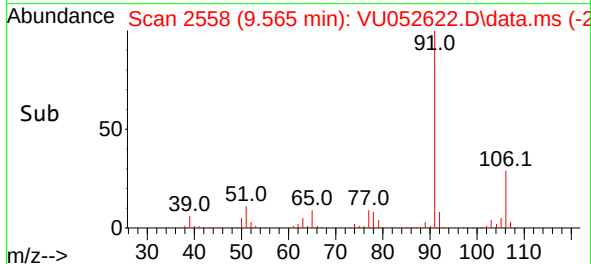
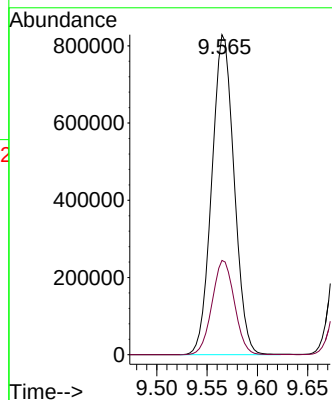
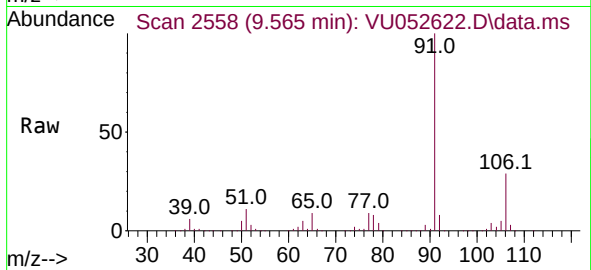




#52
Ethylbenzene
Concen: 121.525 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

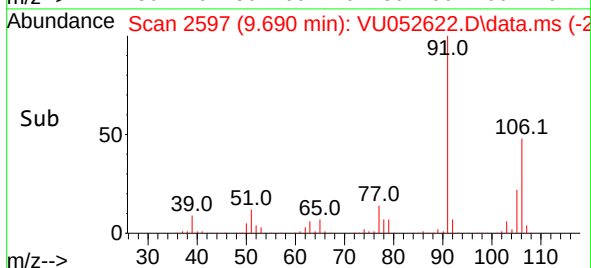
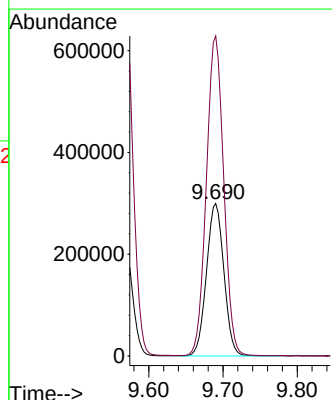
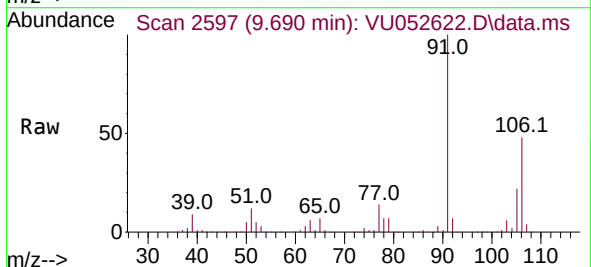
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

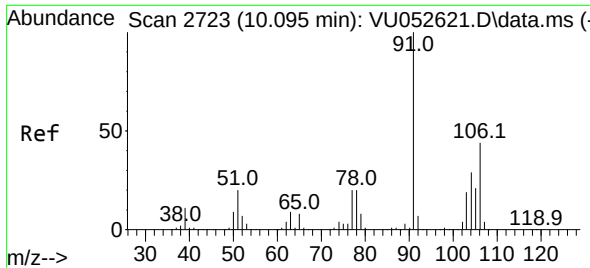
Tgt Ion: 91 Resp: 1279937
Ion Ratio Lower Upper
91 100
106 29.4 20.7 38.5



#53
m,p-Xylene
Concen: 120.278 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion:106 Resp: 487540
Ion Ratio Lower Upper
106 100
91 209.8 144.6 268.6

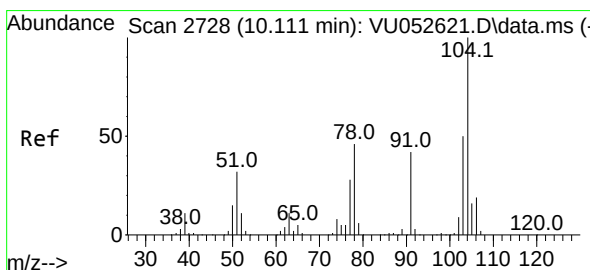
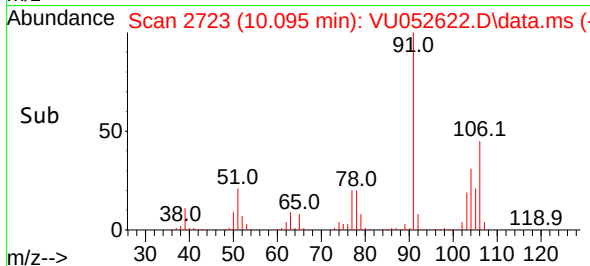
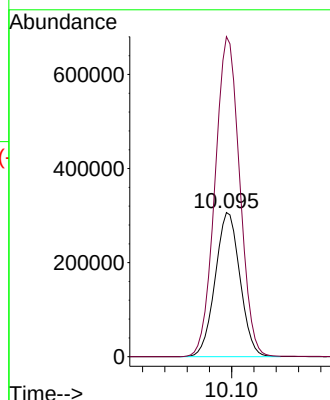
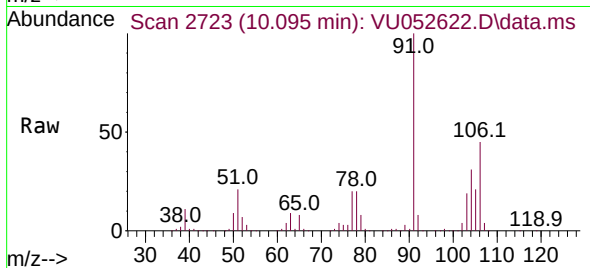




#54
o-xylene
Concen: 122.188 ug/L
RT: 10.095 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

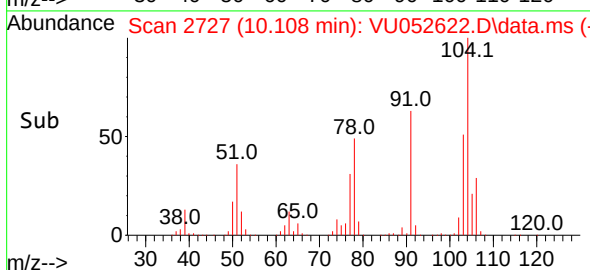
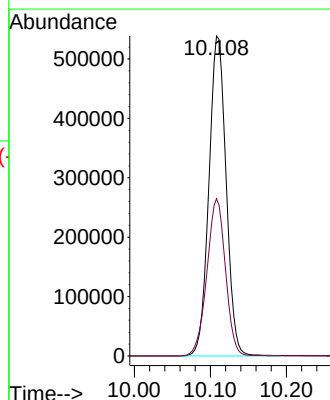
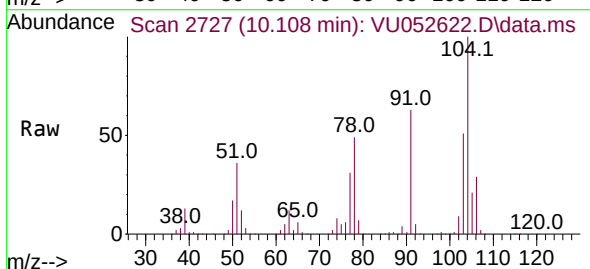
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

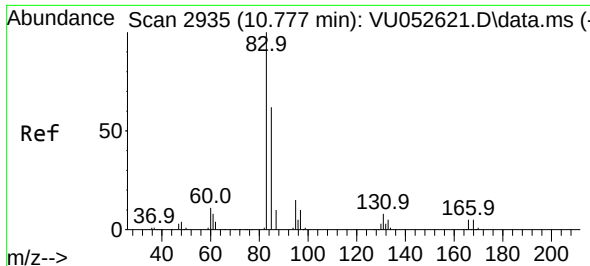
Tgt Ion:106 Resp: 472788
Ion Ratio Lower Upper
106 100
91 222.1 158.3 294.1



#55
Styrene
Concen: 123.942 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion:104 Resp: 847997
Ion Ratio Lower Upper
104 100
78 49.2 32.5 60.3

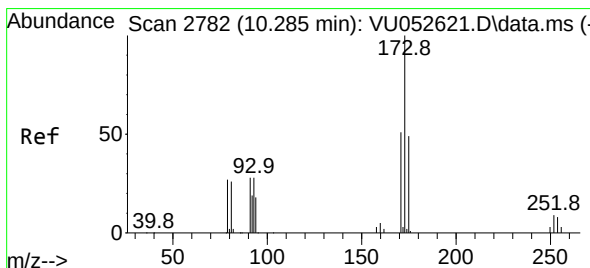
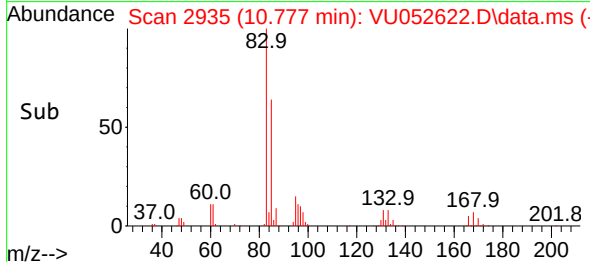
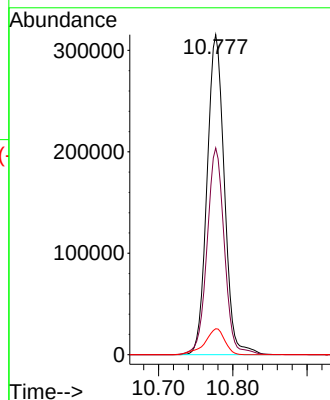
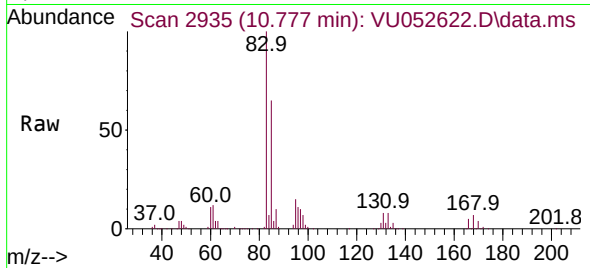




#57
1,1,2,2-Tetrachloroethane
Concen: 116.308 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

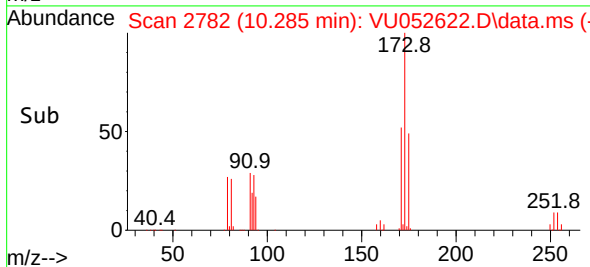
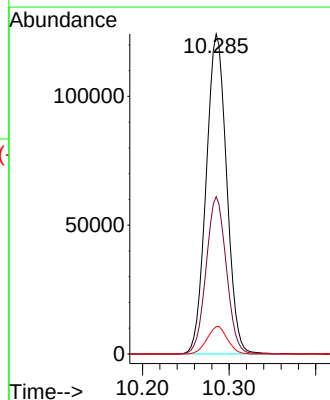
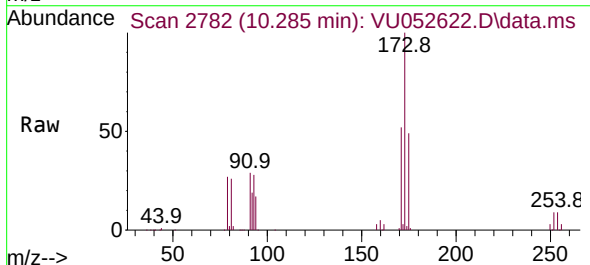
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

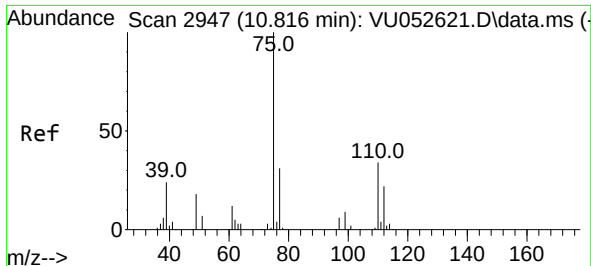
Tgt Ion:	83	Resp:	509817
Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.0	81.6
131	8.1	7.0	10.4



#59
Bromoform
Concen: 95.163 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion:	173	Resp:	203941
Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.4	59.0
254	8.5	7.0	10.6

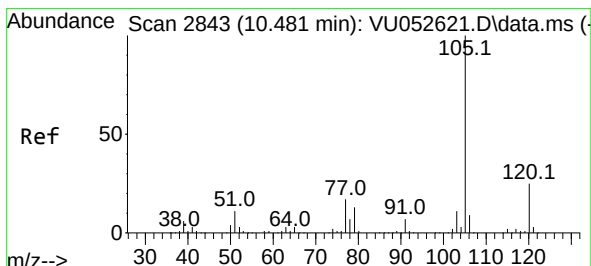
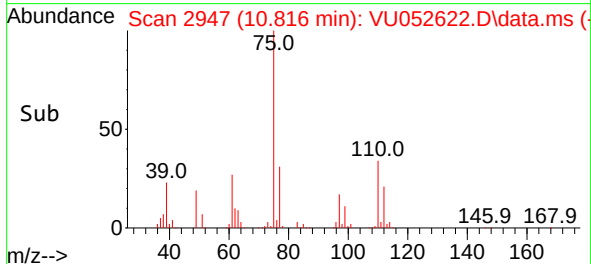
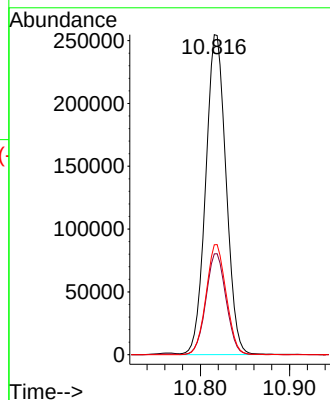
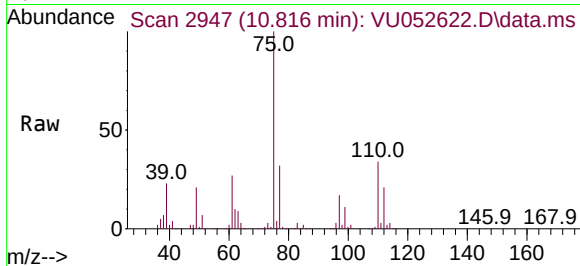




#60
1,2,3-Trichloropropane
Concen: 106.161 ug/L
RT: 10.816 min Scan# 2947
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

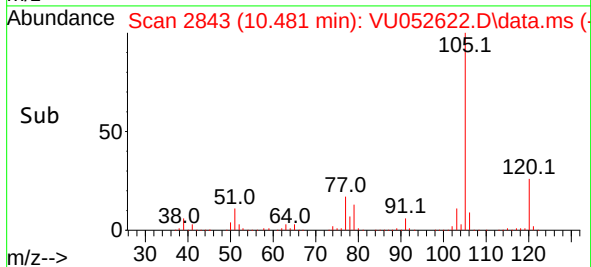
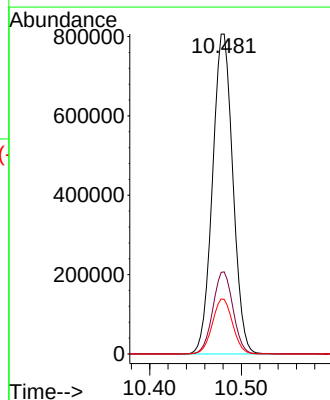
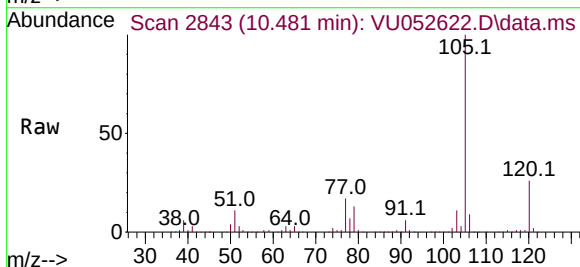
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

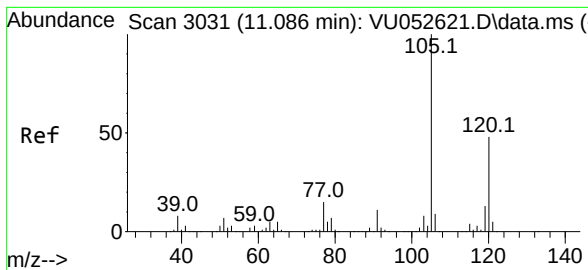
Tgt Ion: 75 Resp: 403360
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
110 34.0 27.3 40.9



#61
Isopropylbenzene
Concen: 114.821 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 105 Resp: 1242677
Ion Ratio Lower Upper
105 100
120 25.4 19.8 29.8
77 17.1 13.8 20.6

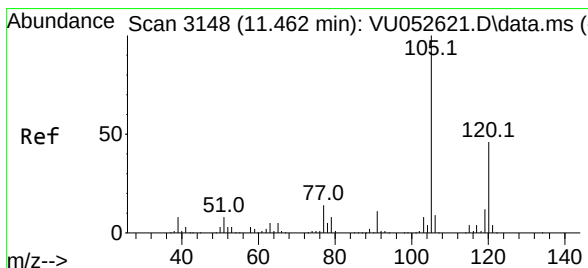
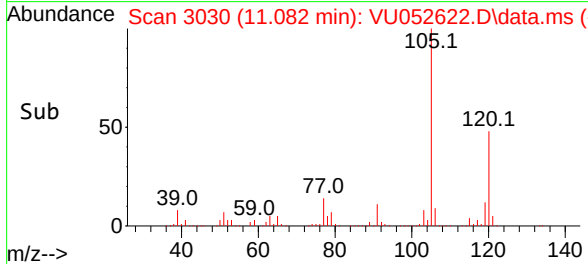
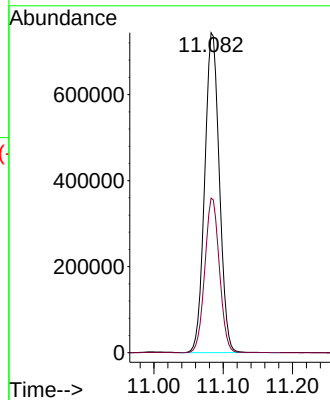
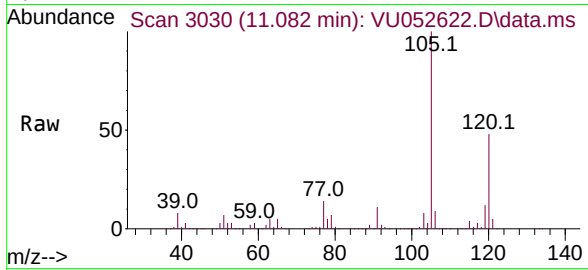




#62
1,3,5-Trimethylbenzene
Concen: 120.709 ug/L
RT: 11.082 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

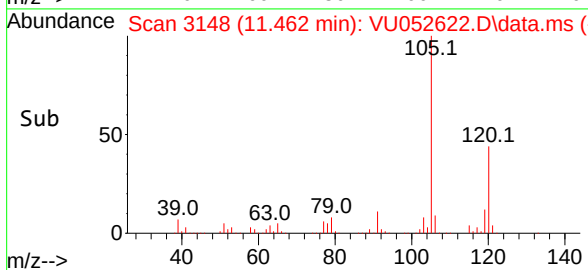
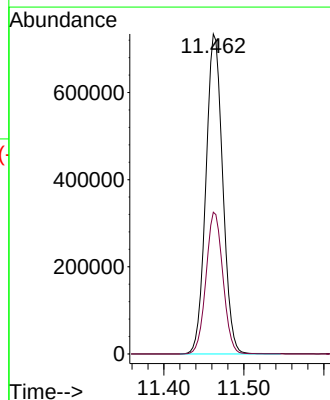
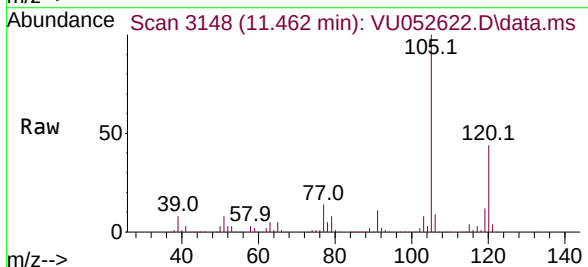
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

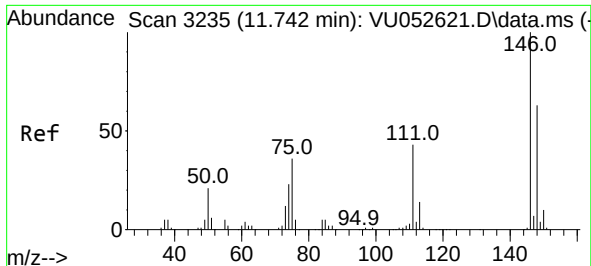
Tgt Ion:105 Resp: 1089049
Ion Ratio Lower Upper
105 100
120 48.2 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 119.668 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion:105 Resp: 1076214
Ion Ratio Lower Upper
105 100
120 44.4 36.1 54.1

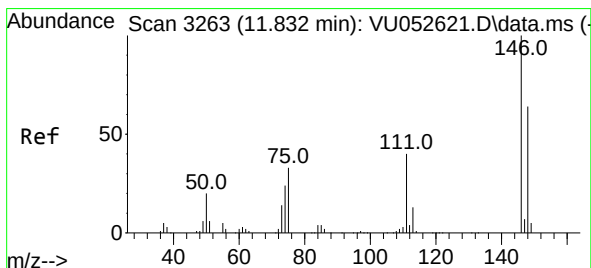
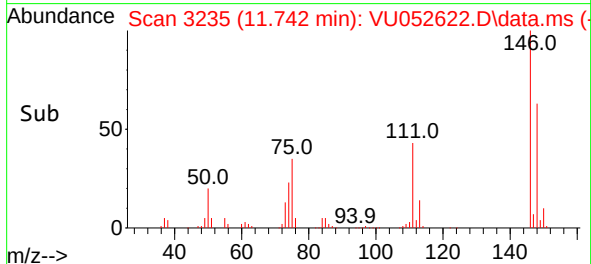
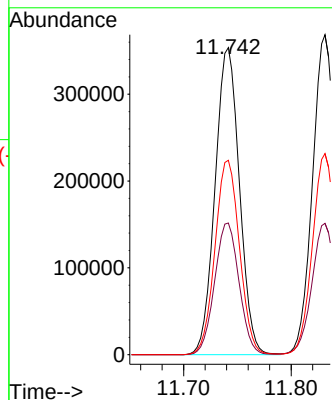
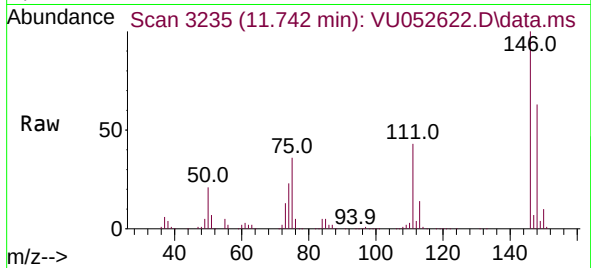




#64
 1,3-Dichlorobenzene
 Concen: 102.335 ug/L
 RT: 11.742 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052622.D
 Acq: 06 Jan 2023 12:00

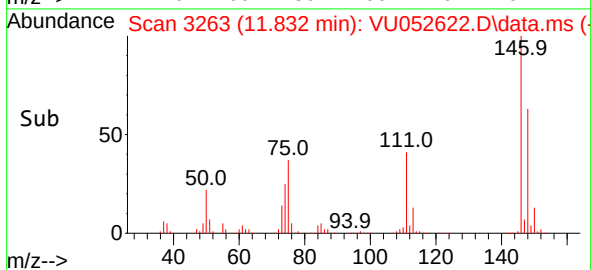
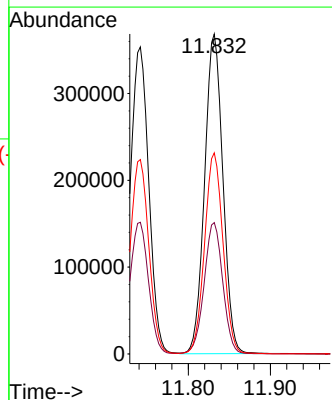
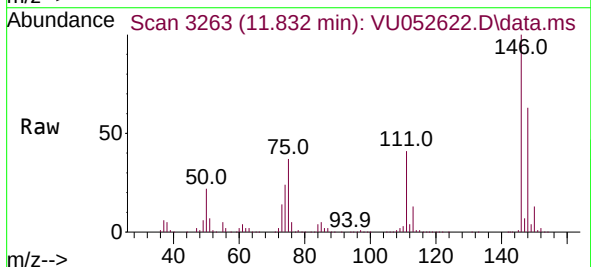
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100064

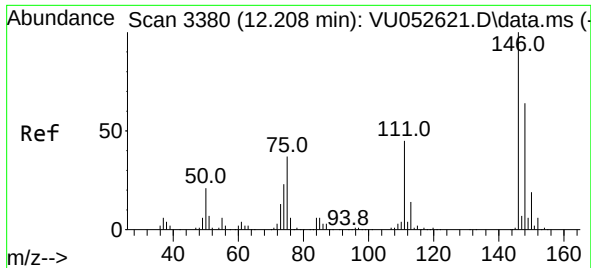
Tgt Ion:146 Resp: 557150
 Ion Ratio Lower Upper
 146 100
 111 42.9 29.8 55.3
 148 63.3 44.4 82.4



#65
 1,4-Dichlorobenzene
 Concen: 100.349 ug/L
 RT: 11.832 min Scan# 3263
 Delta R.T. -0.000 min
 Lab File: VU052622.D
 Acq: 06 Jan 2023 12:00

Tgt Ion:146 Resp: 569441
 Ion Ratio Lower Upper
 146 100
 111 41.1 28.6 53.0
 148 62.8 44.7 82.9

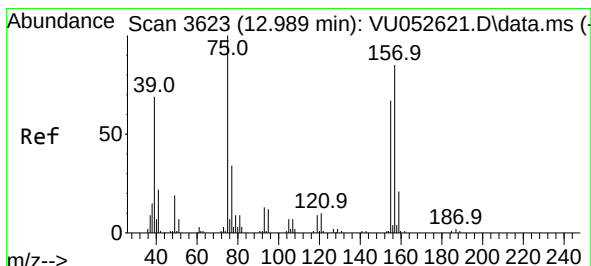
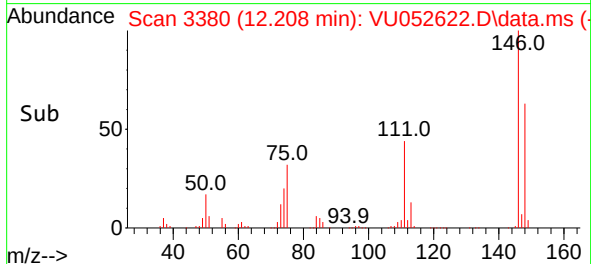
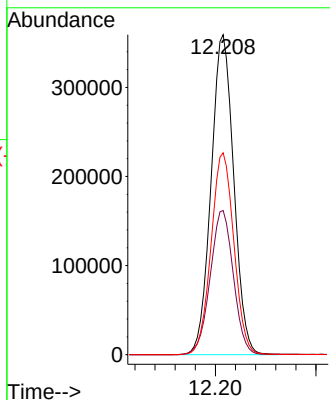
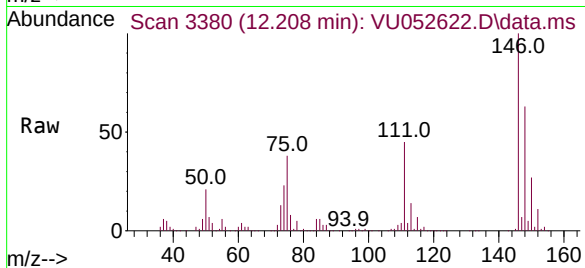




#67
1,2-Dichlorobenzene
Concen: 102.535 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

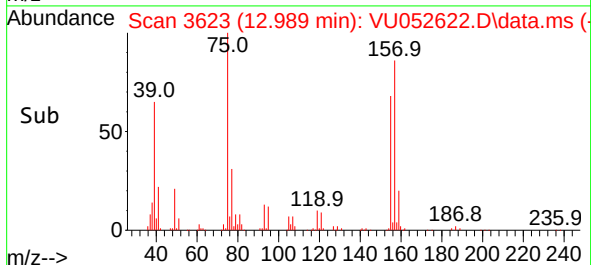
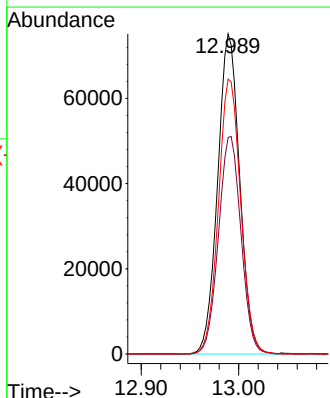
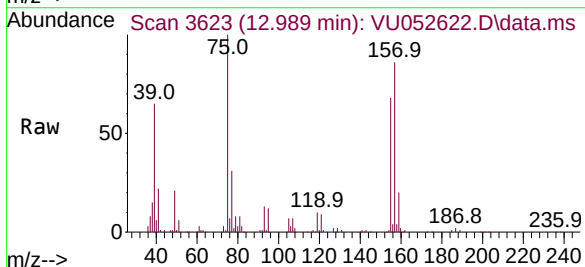
Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

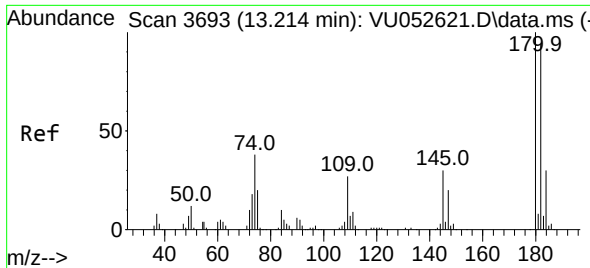
Tgt Ion:146 Resp: 561765
Ion Ratio Lower Upper
146 100
111 45.0 35.7 53.5
148 63.1 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 105.470 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 75 Resp: 118188
Ion Ratio Lower Upper
75 100
155 67.6 53.5 80.3
157 85.9 68.4 102.6



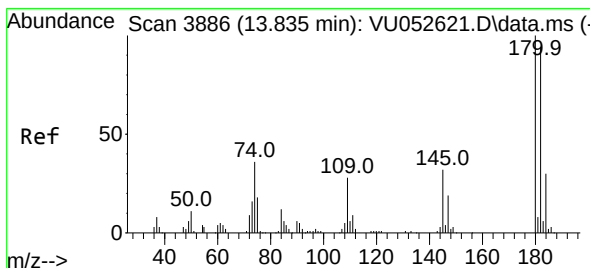
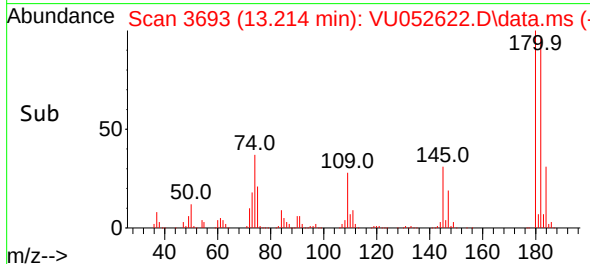
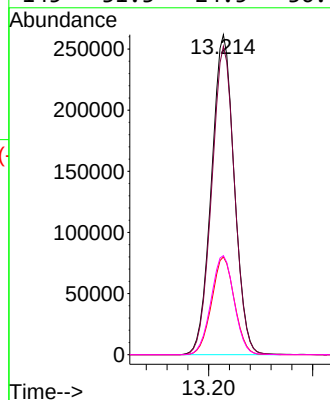
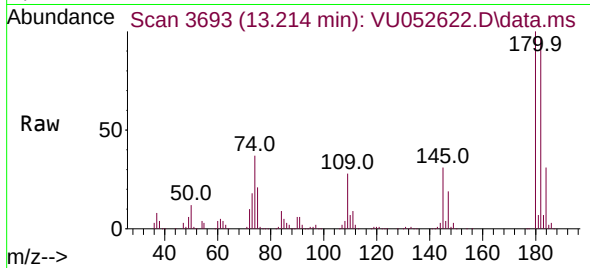


#69
 1,3,5-Trichlorobenzene
 Concen: 96.716 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. -0.000 min
 Lab File: VU052622.D
 Acq: 06 Jan 2023 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100064

Tgt Ion:180 Resp: 398342

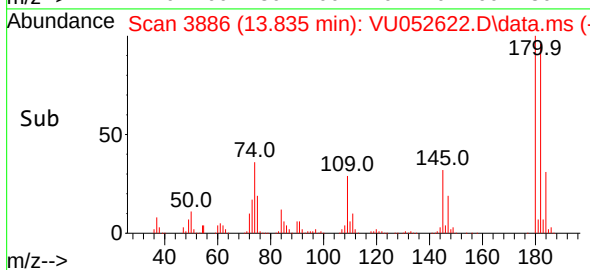
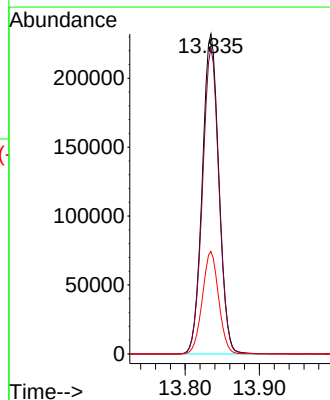
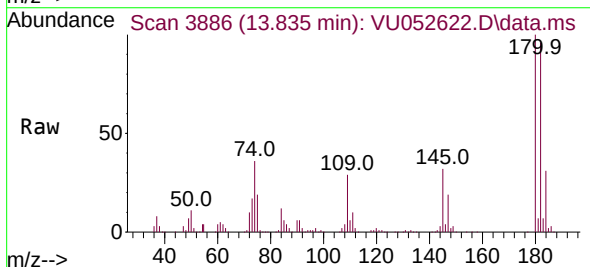
Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.9	113.9
184	30.5	23.8	35.8
145	31.3	24.5	36.7

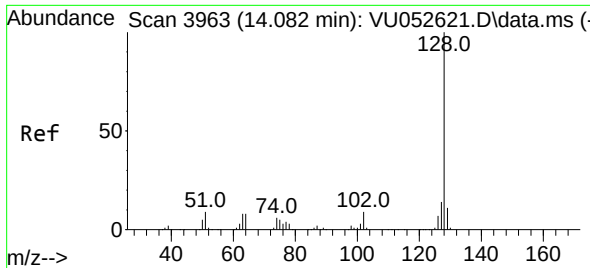


#70
 1,2,4-trichlorobenzene
 Concen: 103.698 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU052622.D
 Acq: 06 Jan 2023 12:00

Tgt Ion:180 Resp: 360940

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.4	113.0
145	31.5	25.0	37.6

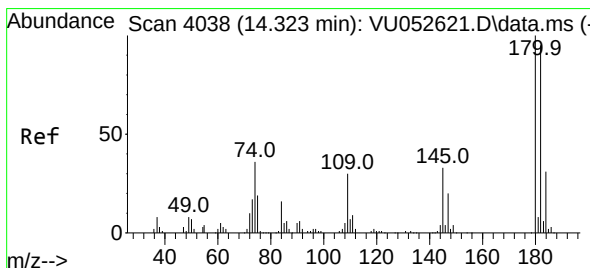
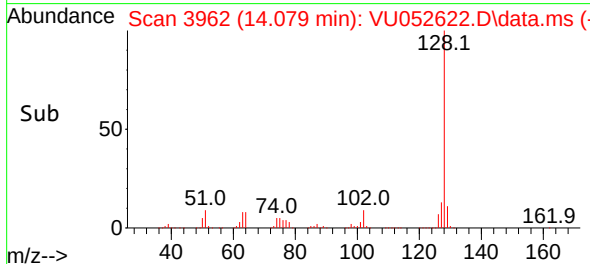
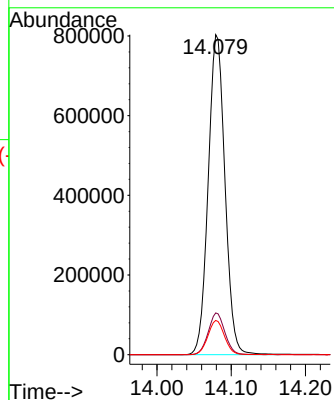
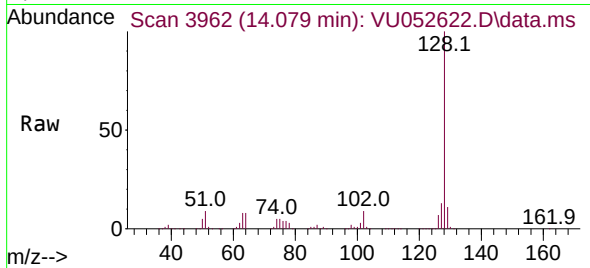




#71
Naphthalene
Concen: 112.991 ug/L
RT: 14.079 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD100064

Tgt Ion:128 Resp: 1254137
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 106.161 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU052622.D
Acq: 06 Jan 2023 12:00

Tgt Ion:180 Resp: 374912
Ion Ratio Lower Upper
180 100
182 94.6 76.4 114.6
145 32.7 27.0 40.4

