

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051907.D
 Acq On : 18 Nov 2022 15:58
 Operator : JC/MD
 Sample : VSTD01071
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010071

Quant Time: Nov 18 22:01:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 21:59:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	270318	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	262616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	136263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	282412	10.740	ug/L	0.00
7) Chloroethane-d5	1.912	69	215822	10.568	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	100715	10.686	ug/L	0.00
20) 2-Butanone-d5	4.626	46	518096	107.999	ug/L	0.00
24) Chloroform-d	5.060	84	402267	10.412	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	195469	10.017	ug/L	0.00
32) Benzene-d6	5.726	84	856521	10.986	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	259715	10.764	ug/L	0.00
41) Toluene-d8	7.896	98	790384	11.205	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	99085	11.269	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	459113	123.211	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	222031	10.613	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	264377	10.134	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	242978	10.364	ug/L	100
3) Chloromethane	1.523	50	296385	9.687	ug/L	98
5) Vinyl chloride	1.604	62	300532	10.223	ug/L	100
6) Bromomethane	1.858	94	148748	9.860	ug/L	99
8) Chloroethane	1.935	64	181979	9.955	ug/L	97
9) Trichlorofluoromethane	2.137	101	326491	10.095	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	204311	10.333	ug/L	99
12) 1,1-Dichloroethene	2.578	96	199973	10.198	ug/L	99
13) Acetone	2.639	43	322490	99.643	ug/L	100
14) Carbon disulfide	2.793	76	679808	10.014	ug/L	99
15) Methyl Acetate	2.951	43	81194	9.672	ug/L	98
16) Methylene chloride	3.044	84	231982	8.744	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	448118	10.208	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	213118	10.139	ug/L	97
19) 1,1-Dichloroethane	3.867	63	379967	10.029	ug/L	100
21) 2-Butanone	4.706	43	552382	106.524	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	229987	10.425	ug/L	98
23) Bromochloromethane	4.973	128	105056	9.953	ug/L	95
25) Chloroform	5.086	83	386265	10.062	ug/L	96
27) 1,2-Dichloroethane	5.793	62	233277	9.921	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	305629	10.489	ug/L	99
30) Cyclohexane	5.388	56	330386	11.678	ug/L	99
31) Carbon tetrachloride	5.523	117	263067	10.626	ug/L	99
33) Benzene	5.771	78	914525	10.700	ug/L	100
34) Trichloroethene	6.539	95	217349	10.196	ug/L	96
35) Methylcyclohexane	6.761	83	362136	11.809	ug/L	97
37) 1,2-Dichloropropane	6.790	63	226266	10.225	ug/L	99
38) Bromodichloromethane	7.102	83	277542	10.287	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	312929	11.014	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	1310330	113.358	ug/L	99
42) Toluene	7.967	91	972396	11.061	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	264908	10.888	ug/L	96

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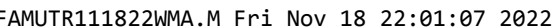
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010071

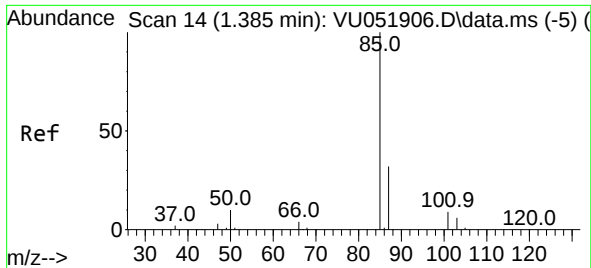
Quant Time: Nov 18 22:01:01 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 21:59:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	168917	10.158	ug/L	99
47) Tetrachloroethene	8.552	164	171419	10.492	ug/L	97
48) 2-Hexanone	8.681	43	953672	111.974	ug/L	99
49) Dibromochloromethane	8.806	129	191546	10.285	ug/L	96
50) 1,2-Dibromoethane	8.922	107	158383	10.456	ug/L	98
51) Chlorobenzene	9.446	112	584373	10.426	ug/L	99
52) Ethylbenzene	9.568	91	977197	11.433	ug/L	100
53) m,p-Xylene	9.690	106	391535	11.830	ug/L	98
54) o-Xylene	10.099	106	374751	11.814	ug/L	100
55) Styrene	10.111	104	650046	12.133	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	217226	10.459	ug/L	99
59) Bromoform	10.288	173	110931	9.884	ug/L	98
60) Isopropylbenzene	10.481	105	961881	11.238	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	147759	9.475	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	799230	11.681	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	812302	11.960	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	449089	10.276	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	446263	10.239	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	431037	10.242	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	31289	9.168	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	317531	10.246	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	248444	10.528	ug/L	99
71) Naphthalene	14.082	128	472911	10.674	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	247372	10.654	ug/L	99

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

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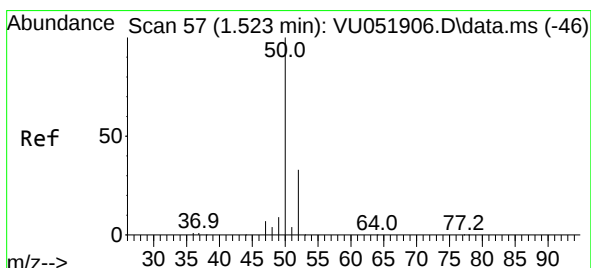
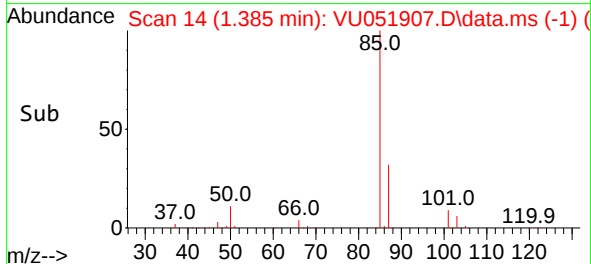
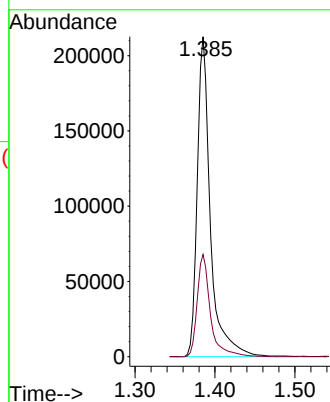
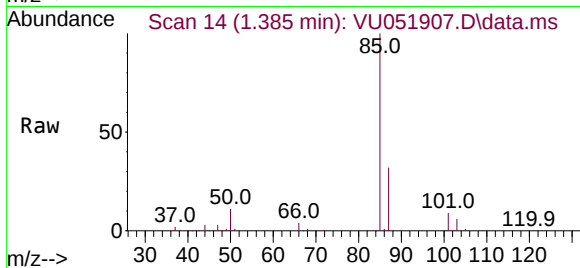




#2
Dichlorodifluoromethane
Concen: 10.364 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

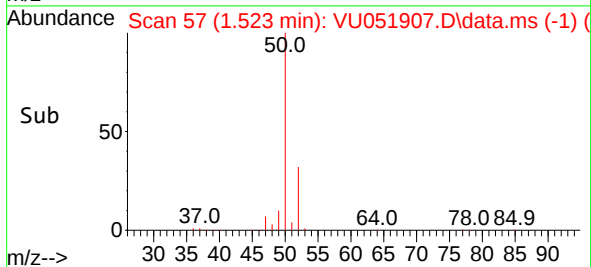
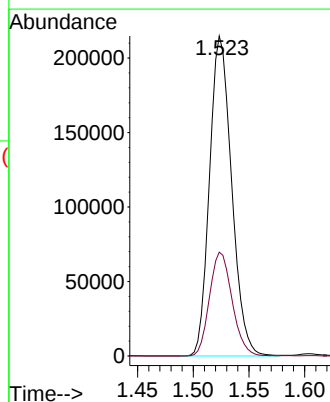
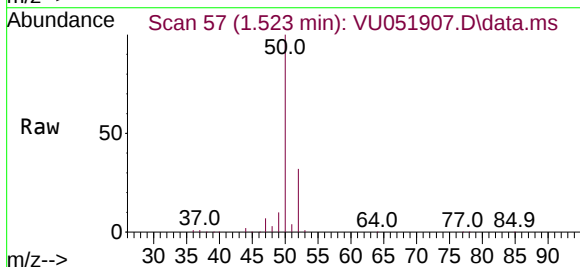
Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

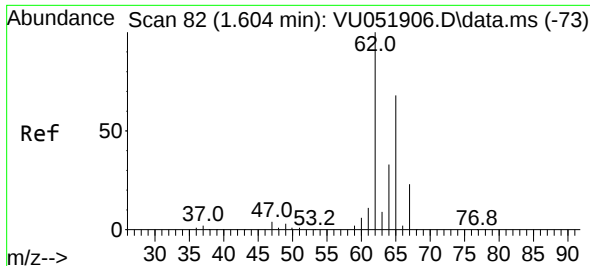
Tgt Ion: 85 Resp: 242978
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 9.687 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 50 Resp: 296385
Ion Ratio Lower Upper
50 100
52 32.4 23.4 43.4

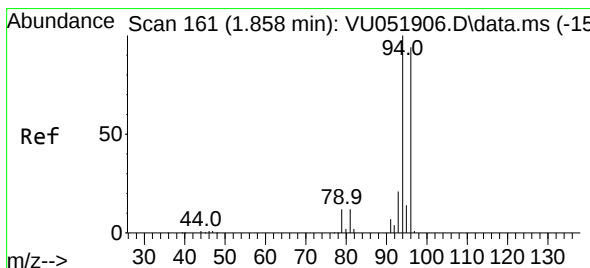
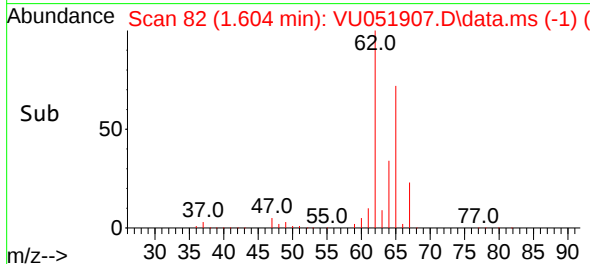
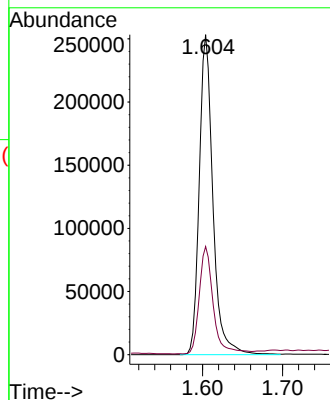
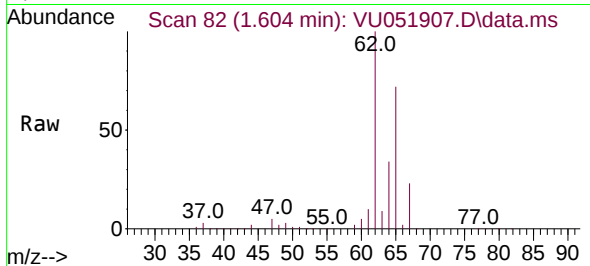




#5
 Vinyl chloride
 Concen: 10.223 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU051907.D
 Acq: 18 Nov 2022 15:58

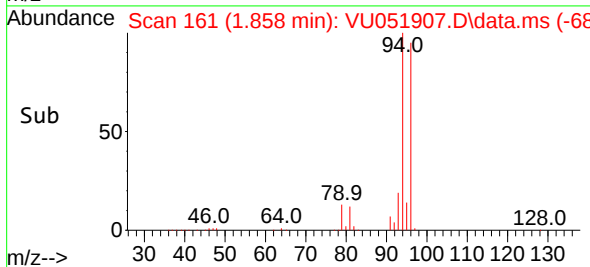
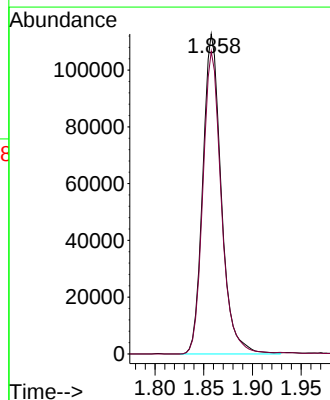
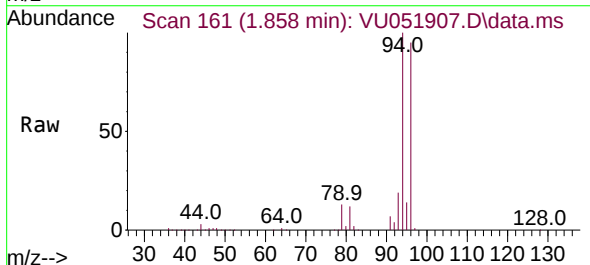
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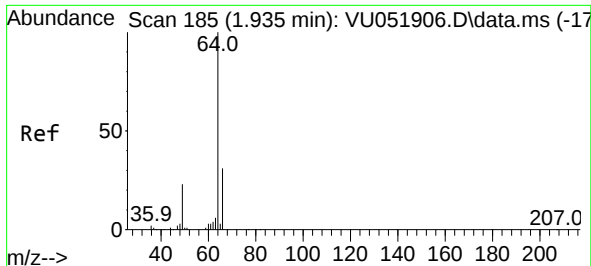
Tgt Ion: 62 Resp: 300532
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.5 43.7



#6
 Bromomethane
 Concen: 9.860 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU051907.D
 Acq: 18 Nov 2022 15:58

Tgt Ion: 94 Resp: 148748
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.7 122.1

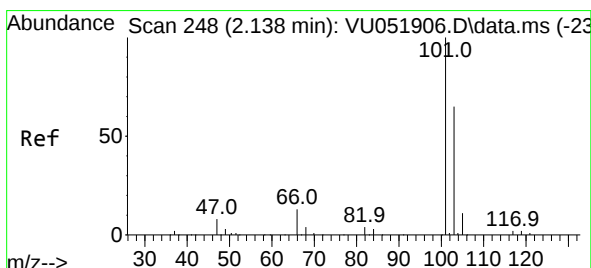
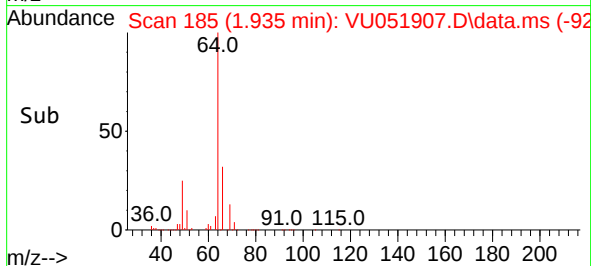
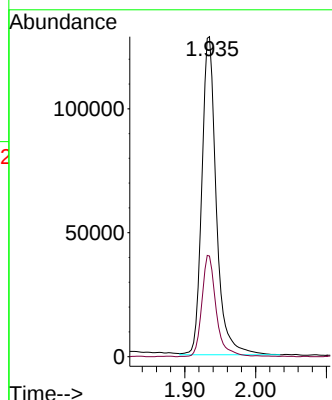
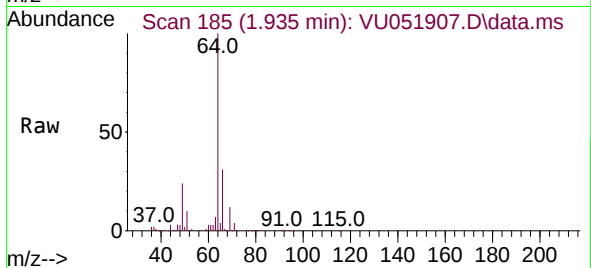




#8
Chloroethane
Concen: 9.955 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

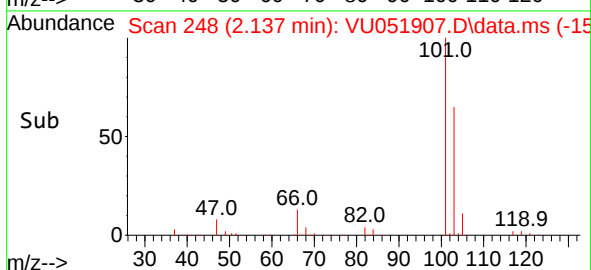
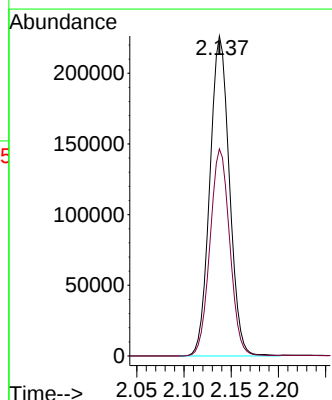
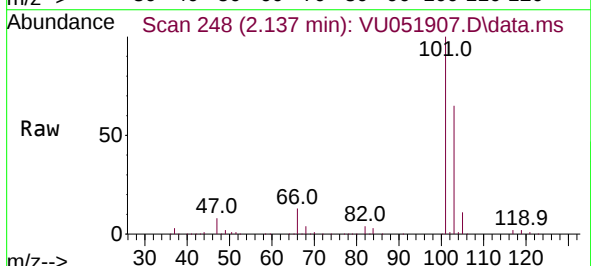
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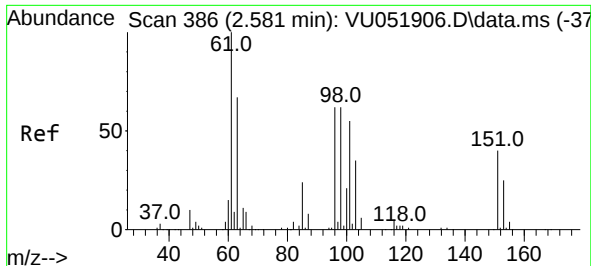
Tgt Ion: 64 Resp: 181979
Ion Ratio Lower Upper
64 100
66 31.5 21.1 39.1



#9
Trichlorofluoromethane
Concen: 10.095 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 101 Resp: 326491
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4

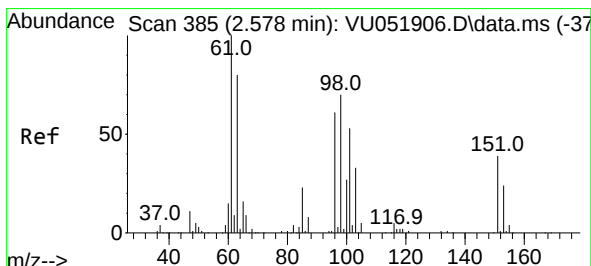
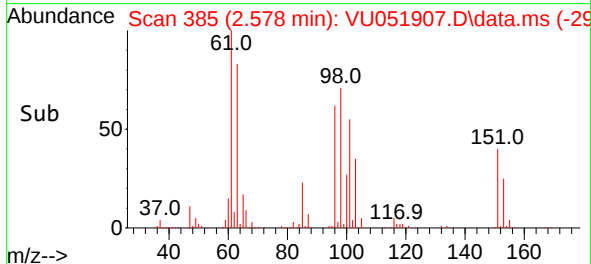
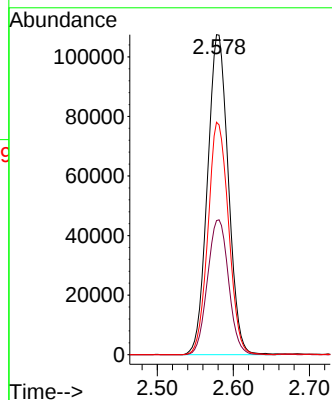
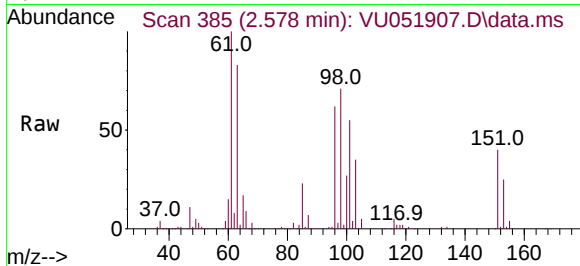




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.333 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

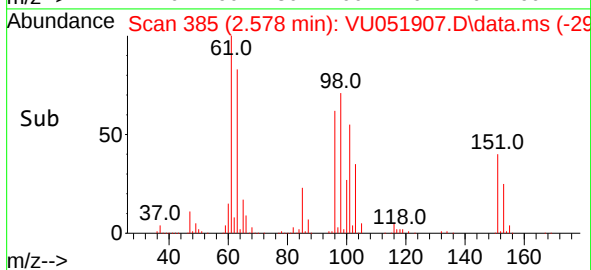
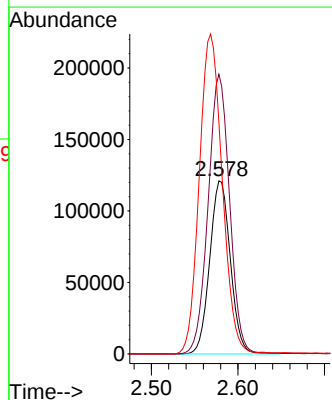
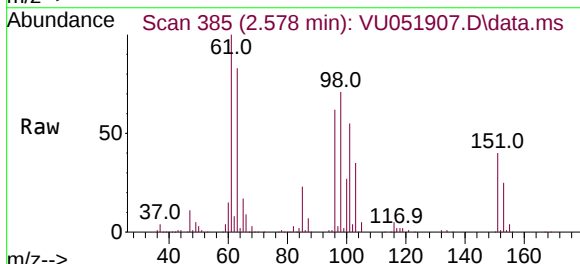
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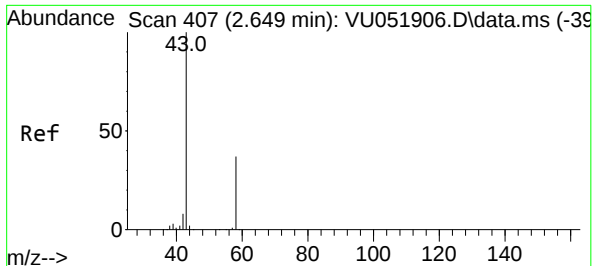
Tgt Ion:101 Resp: 204311
Ion Ratio Lower Upper
101 100
85 42.6 33.8 50.6
151 71.9 58.6 88.0



#12
1,1-Dichloroethene
Concen: 10.198 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 96 Resp: 199973
Ion Ratio Lower Upper
96 100
61 161.6 114.8 213.2
63 133.7 93.7 174.1





#13

Acetone

Concen: 99.643 ug/L

RT: 2.639 min Scan# 407

Delta R.T. -0.010 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

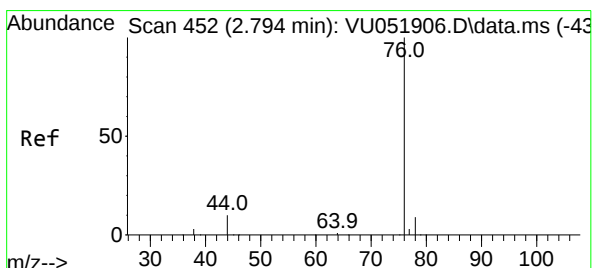
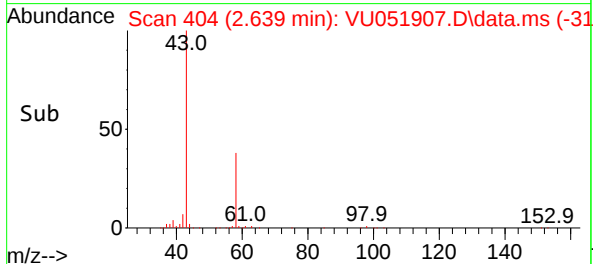
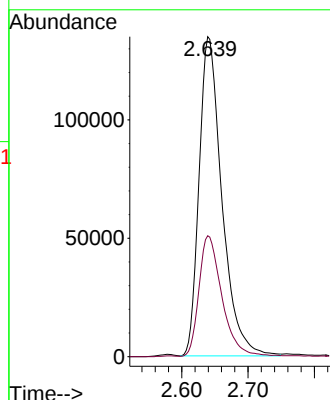
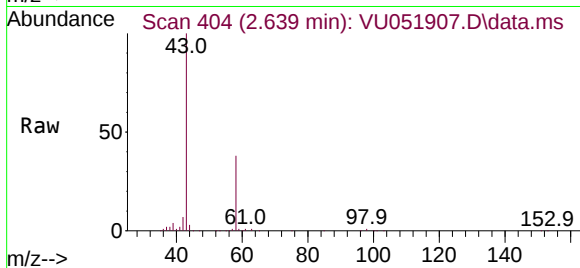
VSTD010071

Tgt Ion: 43 Resp: 322490

Ion Ratio Lower Upper

43 100

58 37.9 0.0 76.0



#14

Carbon disulfide

Concen: 10.014 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051907.D

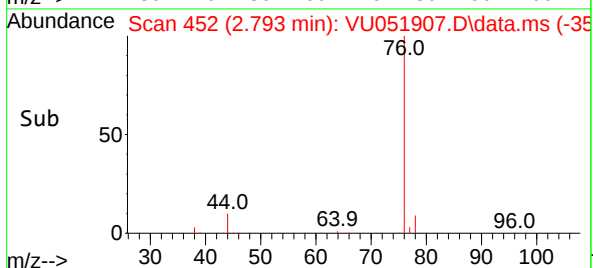
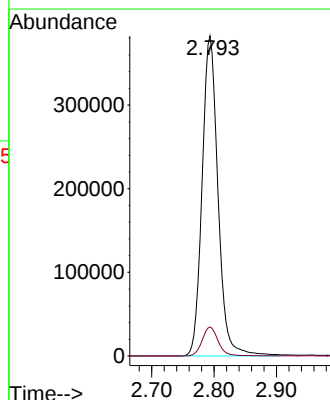
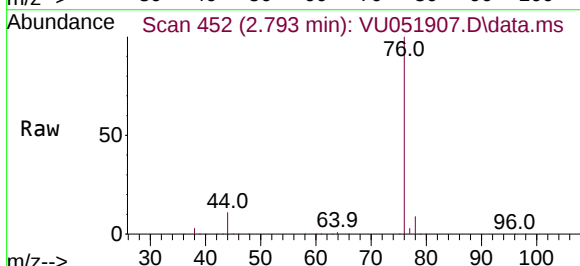
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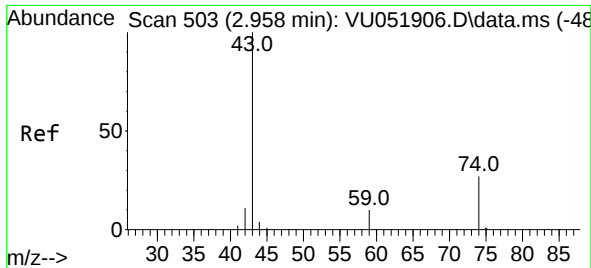
Tgt Ion: 76 Resp: 679808

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

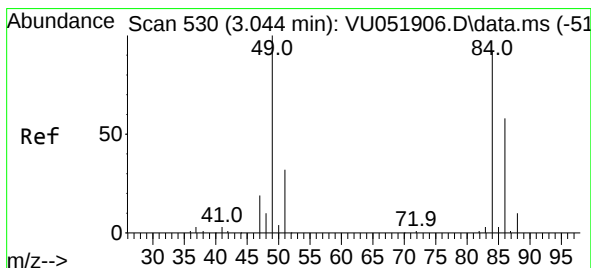
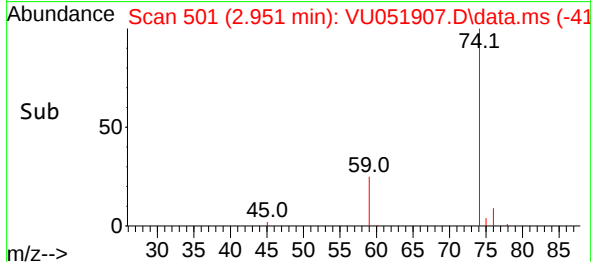
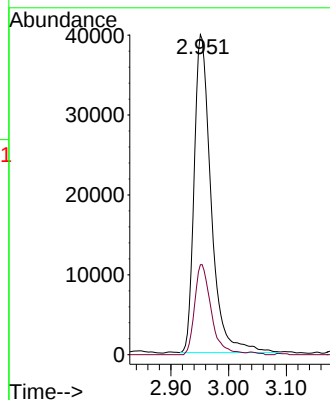
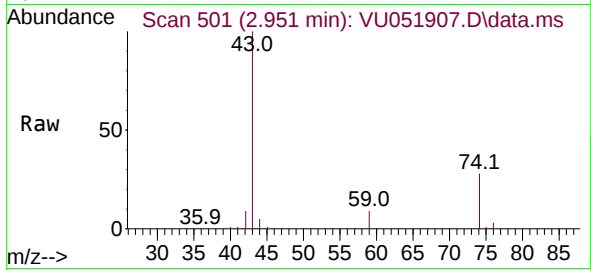




#15
Methyl Acetate
Concen: 9.672 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.007 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

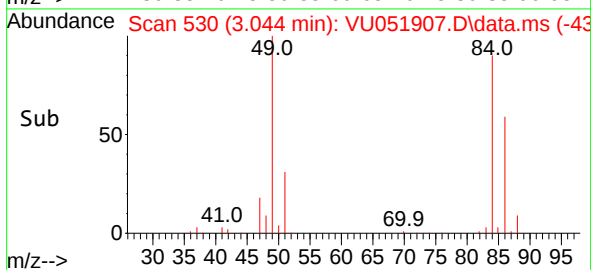
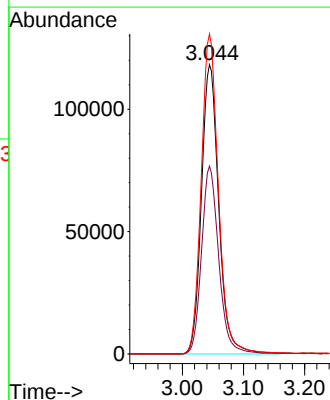
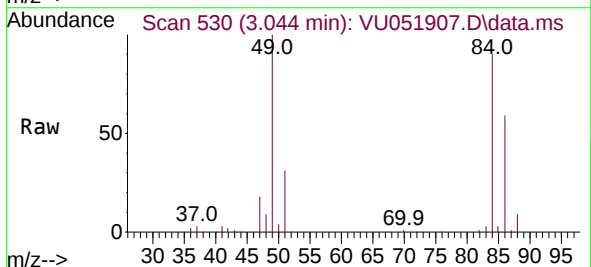
Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

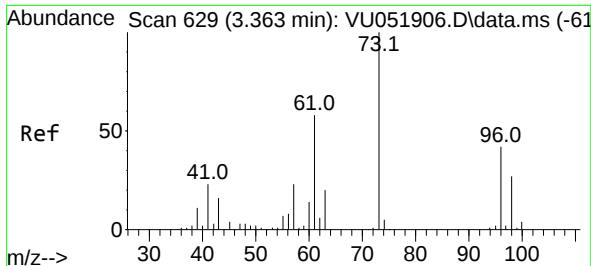
Tgt Ion: 43 Resp: 81194
Ion Ratio Lower Upper
43 100
74 27.7 21.3 31.9



#16
Methylene chloride
Concen: 8.744 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 84 Resp: 231982
Ion Ratio Lower Upper
84 100
86 64.9 43.8 81.4
49 110.6 75.9 141.1

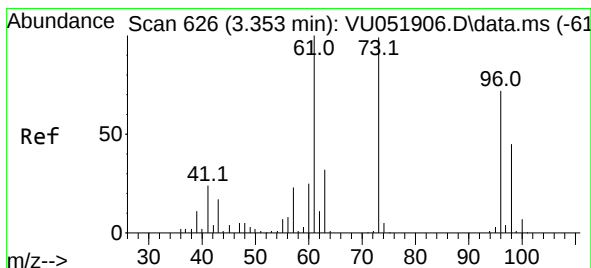
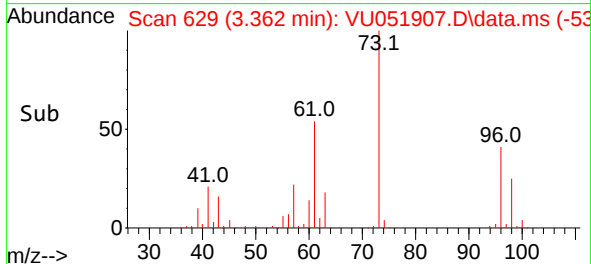
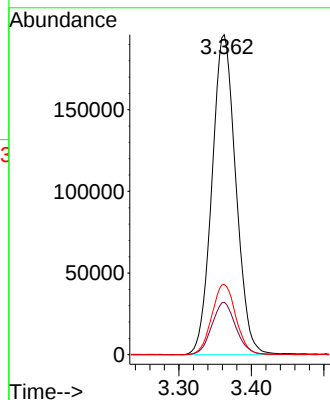
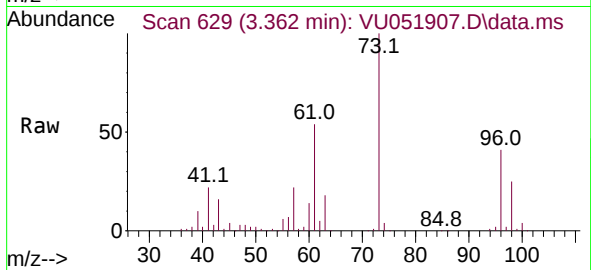




#17
Methyl tert-butyl Ether
Concen: 10.208 ug/L
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

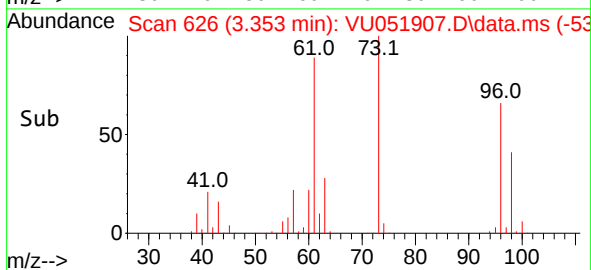
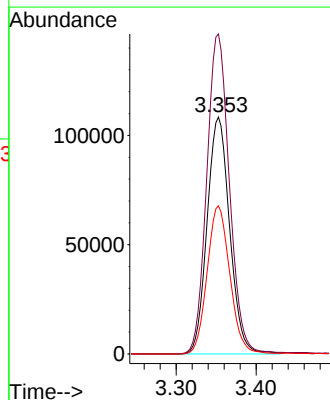
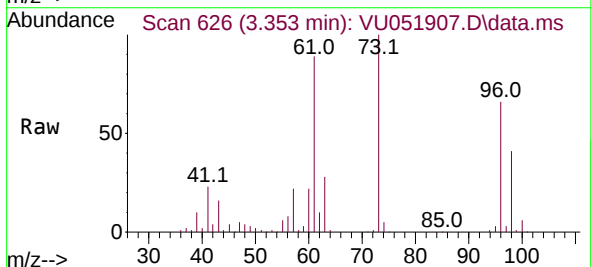
Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

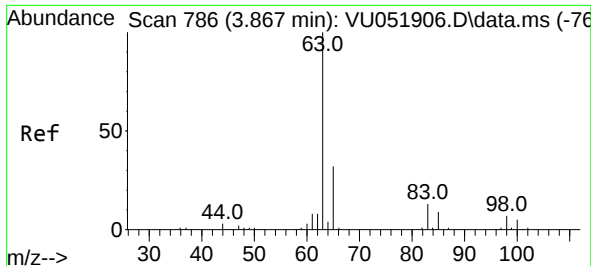
Tgt Ion: 73 Resp: 448118
Ion Ratio Lower Upper
73 100
43 16.6 13.2 19.8
57 22.2 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 10.139 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 96 Resp: 213118
Ion Ratio Lower Upper
96 100
61 135.0 97.9 181.7
98 62.5 43.8 81.3





#19

1,1-Dichloroethane

Concen: 10.029 ug/L

RT: 3.867 min Scan# 7

Delta R.T. -0.000 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD010071

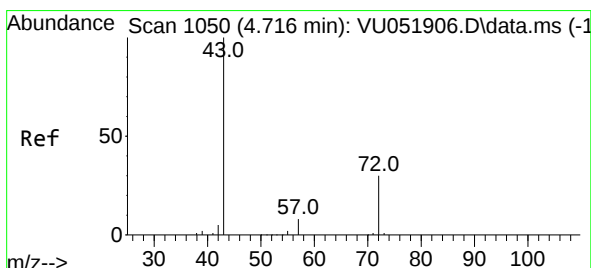
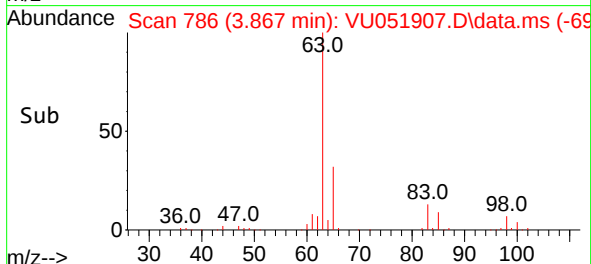
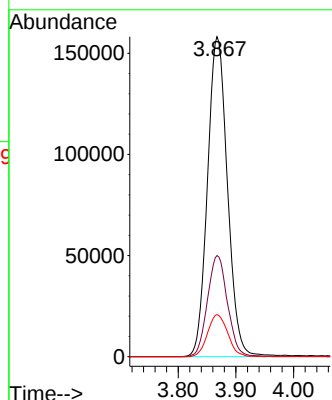
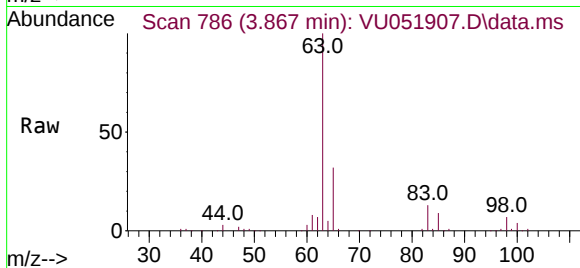
Tgt Ion: 63 Resp: 379967

Ion Ratio Lower Upper

63 100

65 31.6 22.2 41.2

83 13.2 9.2 17.0



#21

2-Butanone

Concen: 106.524 ug/L

RT: 4.706 min Scan# 1047

Delta R.T. -0.010 min

Lab File: VU051907.D

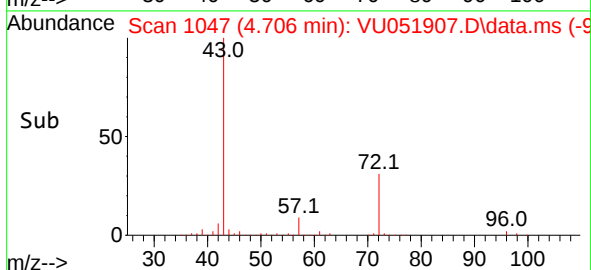
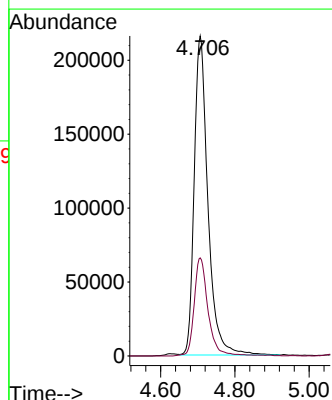
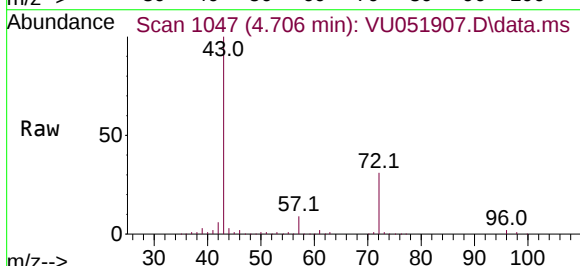
Acq: 18 Nov 2022 15:58

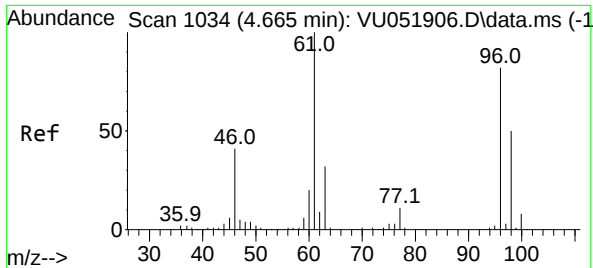
Tgt Ion: 43 Resp: 552382

Ion Ratio Lower Upper

43 100

72 31.0 15.6 46.8



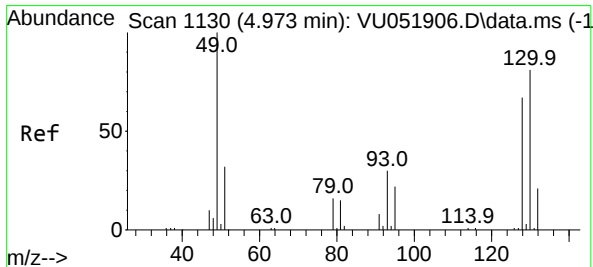
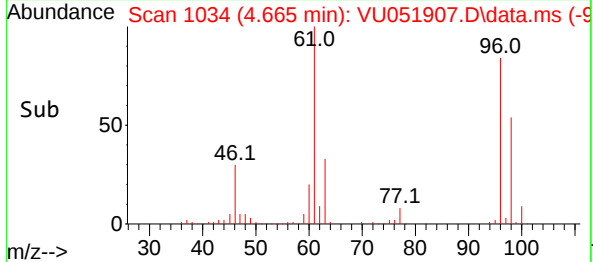
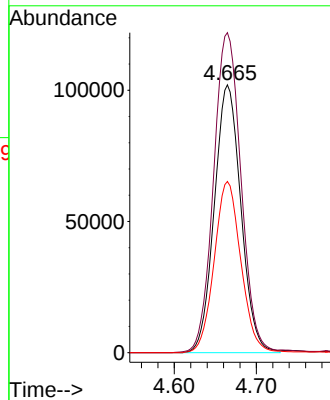
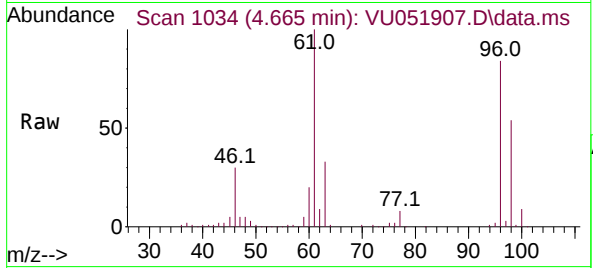


#22
 cis-1,2-Dichloroethene
 Concen: 10.425 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051907.D
 Acq: 18 Nov 2022 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010071

Tgt Ion: 96 Resp: 229987

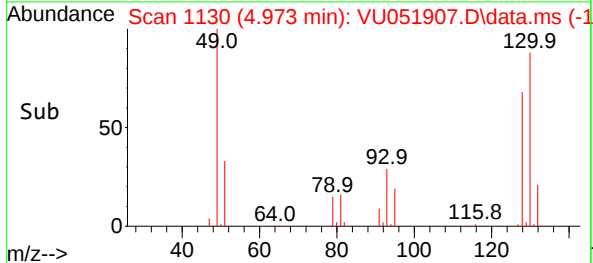
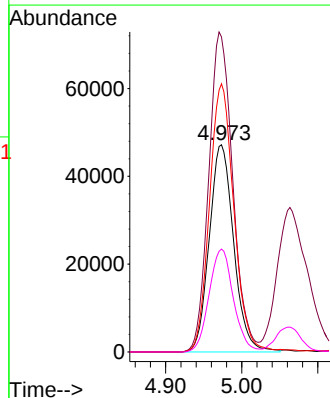
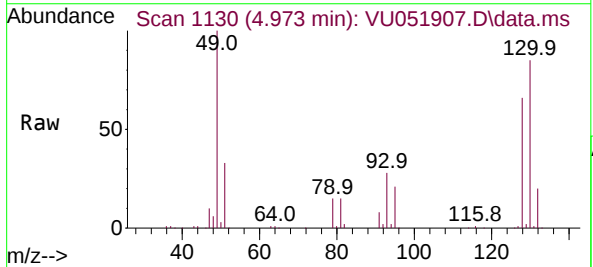
Ion	Ratio	Lower	Upper
96	100		
61	119.5	85.1	158.1
98	64.0	42.8	79.6

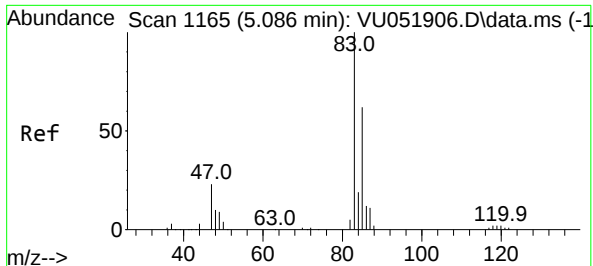


#23
 Bromochloromethane
 Concen: 9.953 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051907.D
 Acq: 18 Nov 2022 15:58

Tgt Ion: 128 Resp: 105056

Ion	Ratio	Lower	Upper
128	100		
49	152.0	104.0	193.2
130	129.4	84.6	157.2
51	49.7	38.1	57.1





#25

Chloroform

Concen: 10.062 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

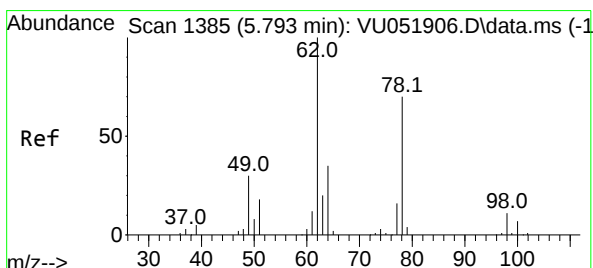
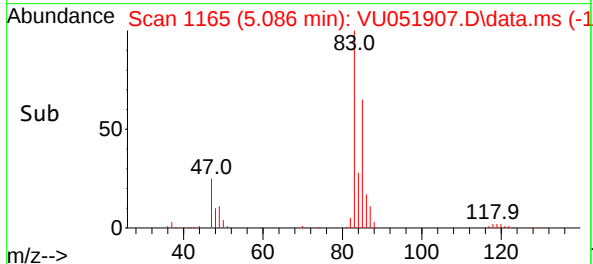
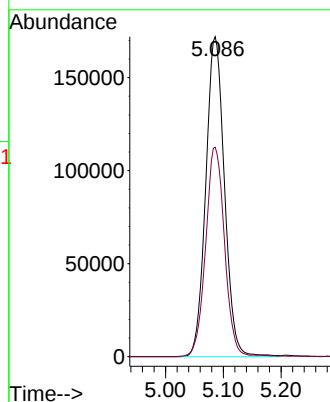
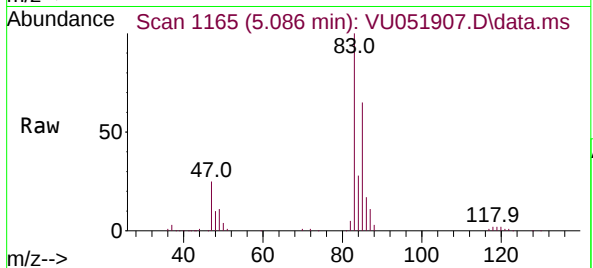
VSTD010071

Tgt Ion: 83 Resp: 386265

Ion Ratio Lower Upper

83 100

85 65.5 43.8 81.4



#27

1,2-Dichloroethane

Concen: 9.921 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051907.D

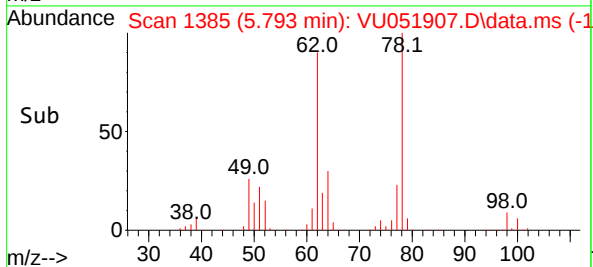
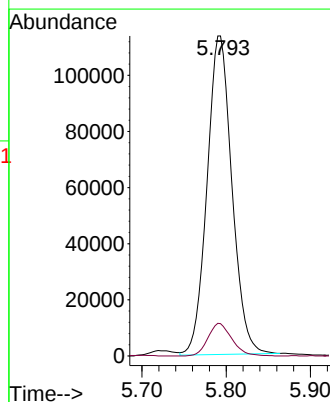
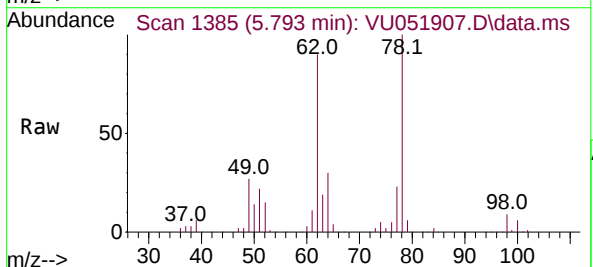
Acq: 18 Nov 2022 15:58

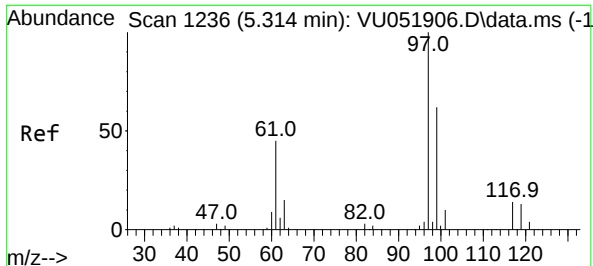
Tgt Ion: 62 Resp: 233277

Ion Ratio Lower Upper

62 100

98 10.1 8.4 12.6

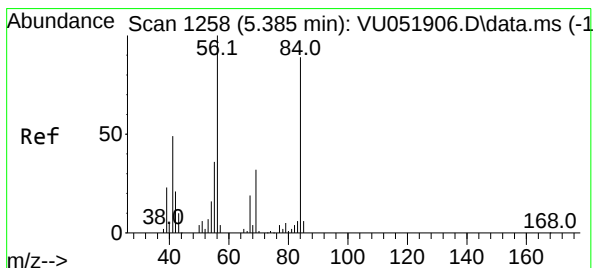
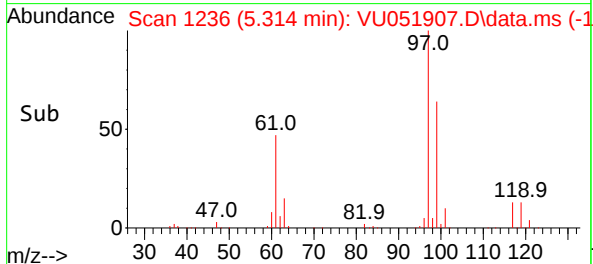
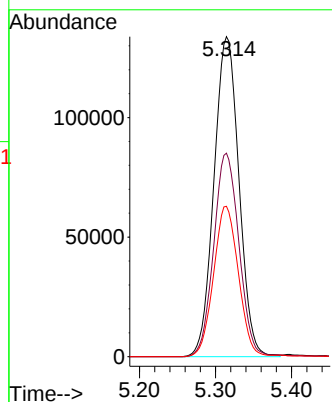
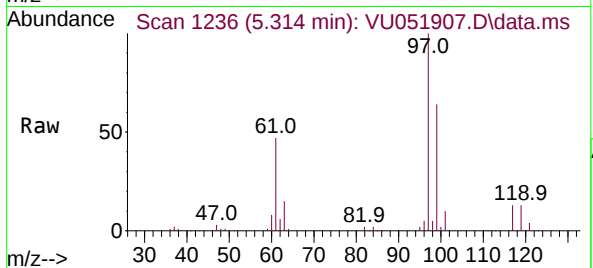




#29
1,1,1-Trichloroethane
Concen: 10.489 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

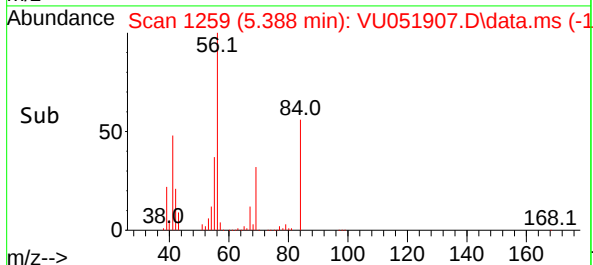
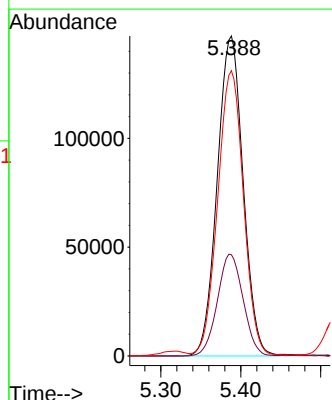
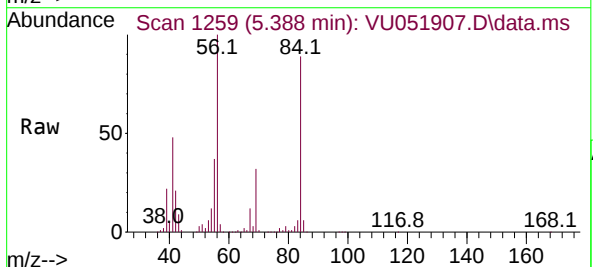
Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

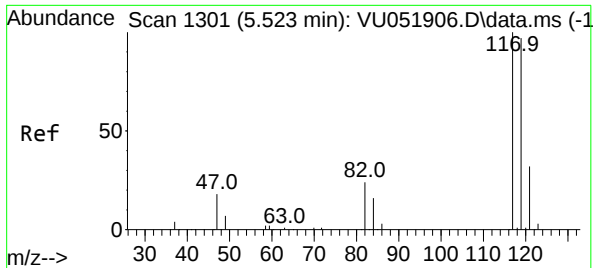
Tgt Ion: 97 Resp: 305629
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 46.7 36.9 55.3



#30
Cyclohexane
Concen: 11.678 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 56 Resp: 330386
Ion Ratio Lower Upper
56 100
69 31.6 25.6 38.4
84 89.0 72.0 108.0

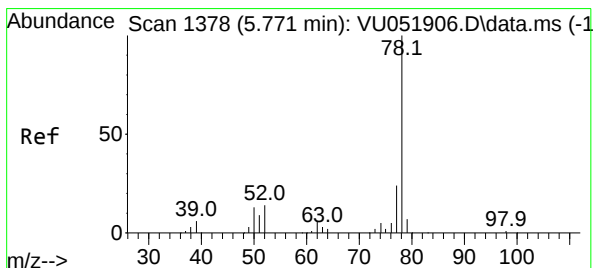
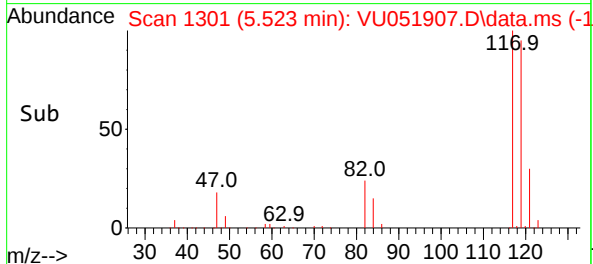
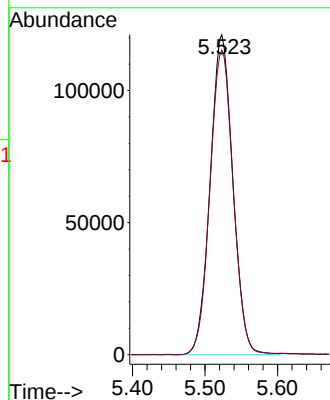
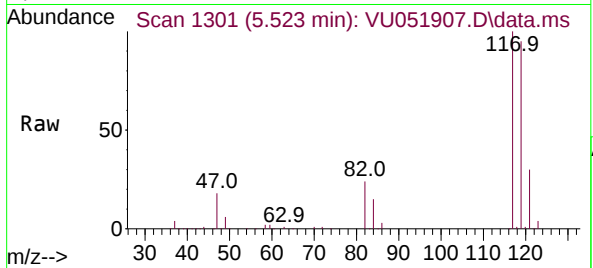




#31
Carbon tetrachloride
Concen: 10.626 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

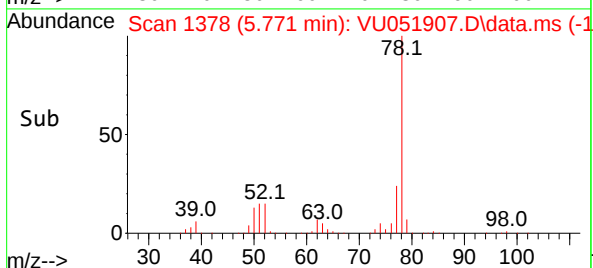
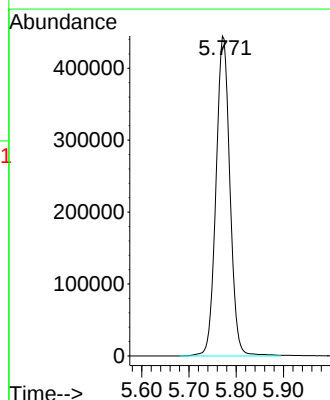
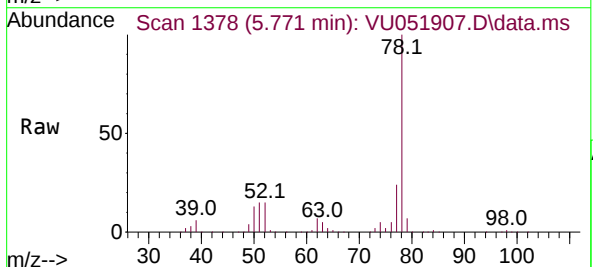
Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

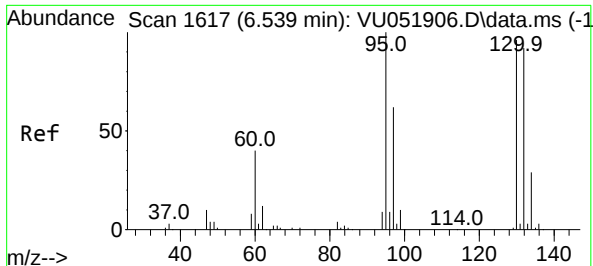
Tgt Ion:117 Resp: 263067
Ion Ratio Lower Upper
117 100
119 97.3 77.2 115.8



#33
Benzene
Concen: 10.700 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 78 Resp: 914525

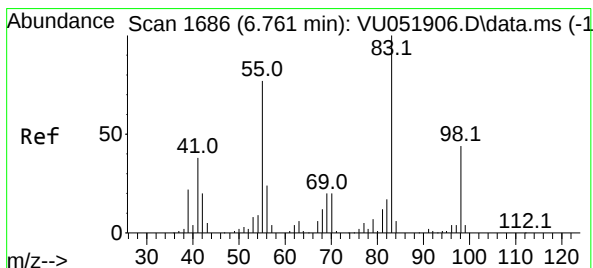
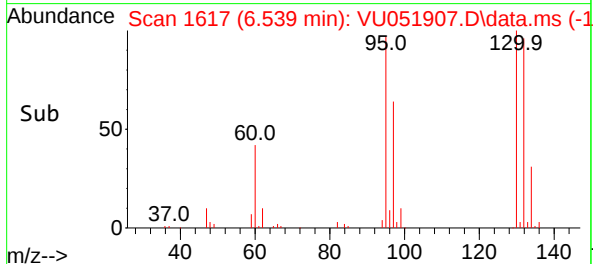
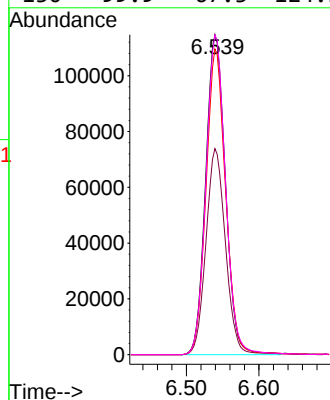
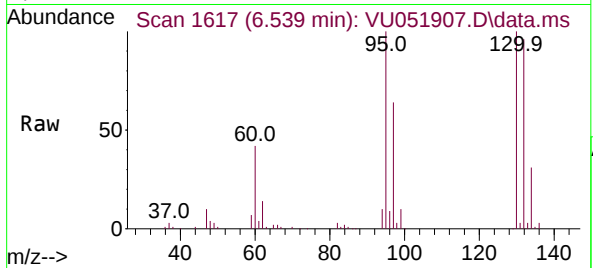




#34
Trichloroethene
Concen: 10.196 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

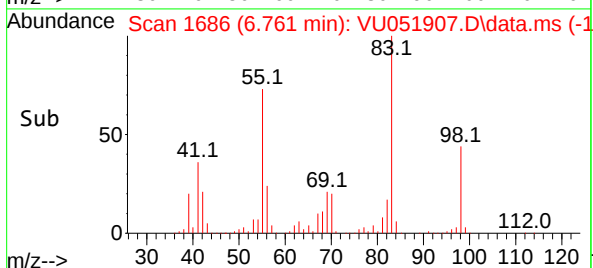
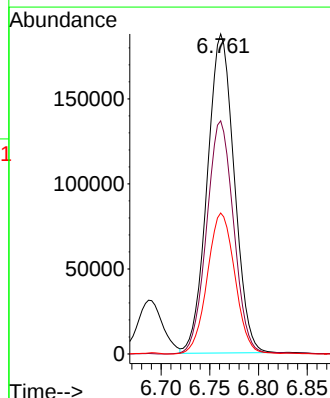
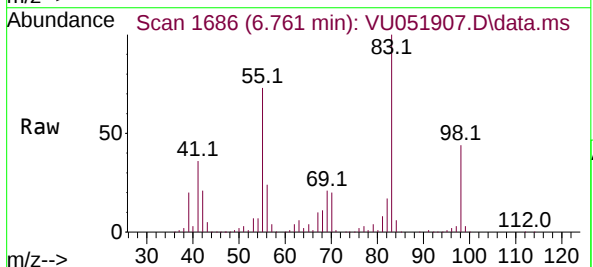
Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

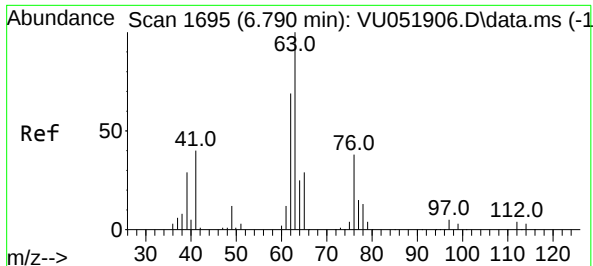
Tgt Ion: 95 Resp: 217349
Ion Ratio Lower Upper
95 100
97 64.4 43.7 81.1
132 95.5 64.3 119.3
130 99.9 67.3 124.9



#35
Methylcyclohexane
Concen: 11.809 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 83 Resp: 362136
Ion Ratio Lower Upper
83 100
55 73.0 60.8 91.2
98 45.1 35.1 52.7





#37

1,2-Dichloropropane

Concen: 10.225 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

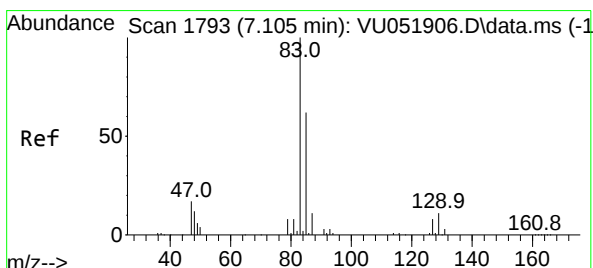
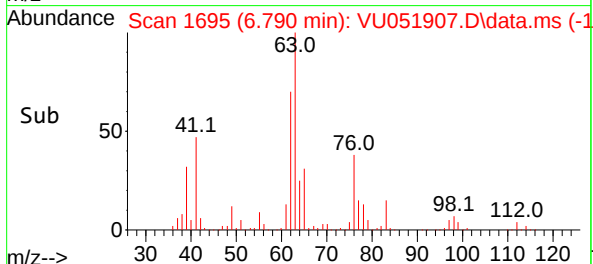
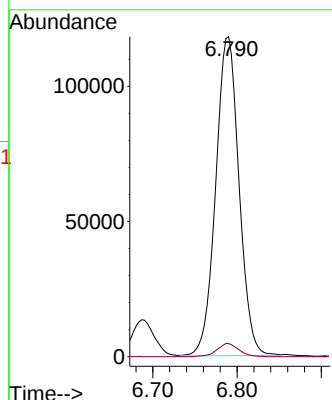
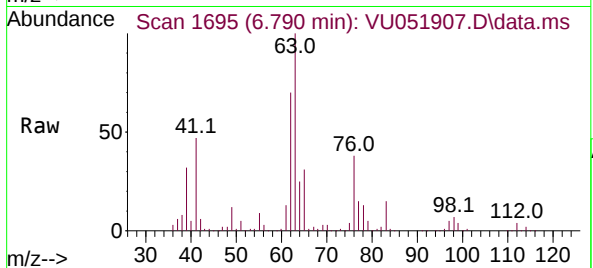
VSTD010071

Tgt Ion: 63 Resp: 226266

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 10.287 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

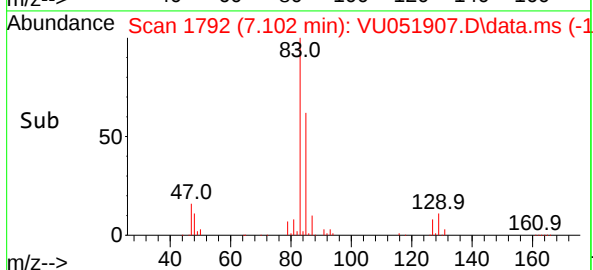
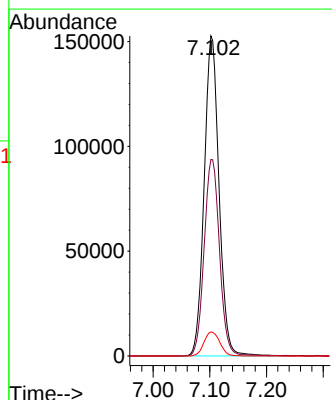
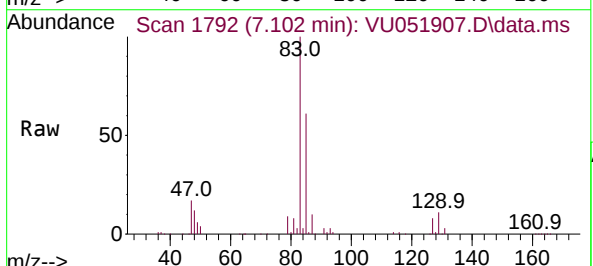
Tgt Ion: 83 Resp: 277542

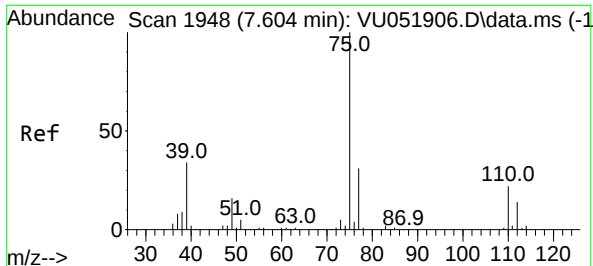
Ion Ratio Lower Upper

83 100

85 61.4 43.5 80.9

127 7.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 11.014 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

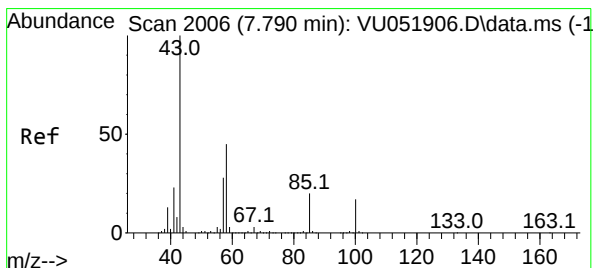
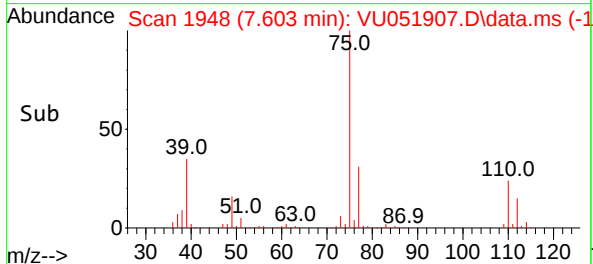
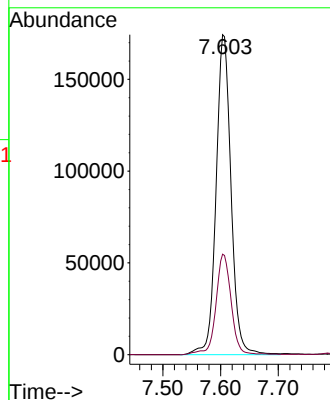
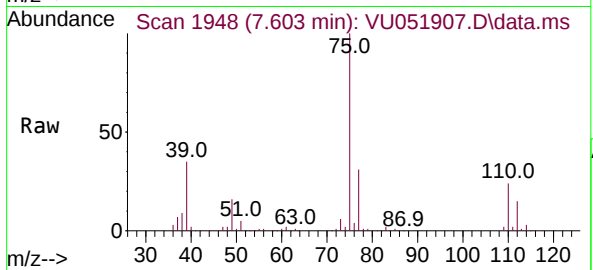
VSTD010071

Tgt Ion: 75 Resp: 312929

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 113.358 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

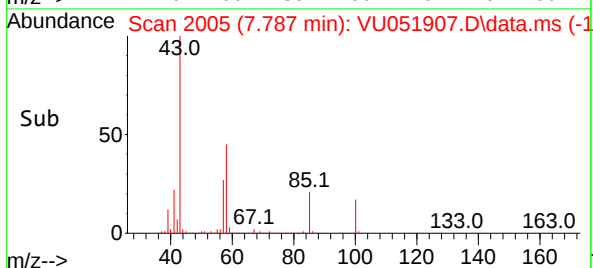
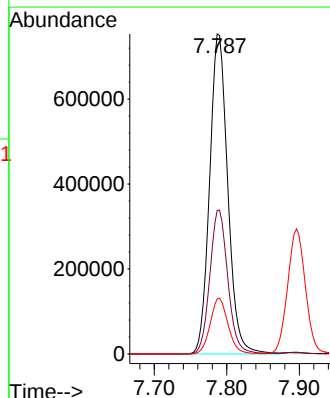
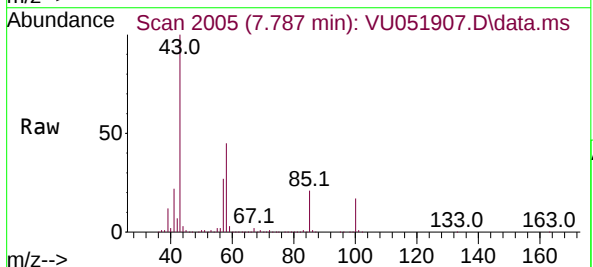
Tgt Ion: 43 Resp: 1310330

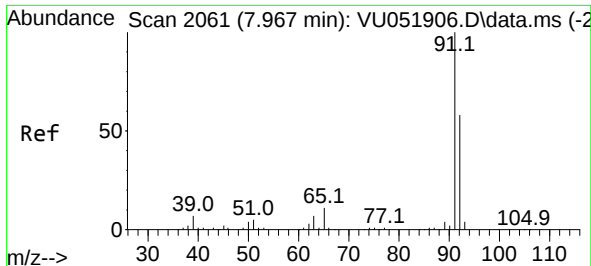
Ion Ratio Lower Upper

43 100

58 44.7 35.3 52.9

100 17.2 13.6 20.4





#42

Toluene

Concen: 11.061 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

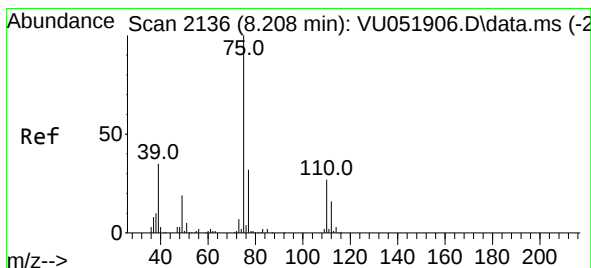
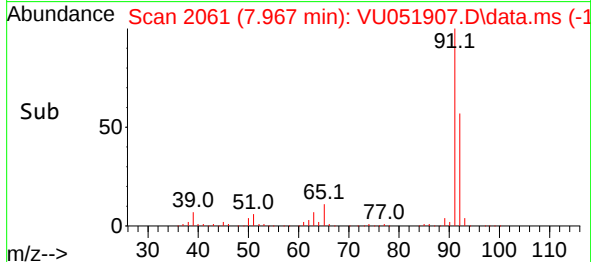
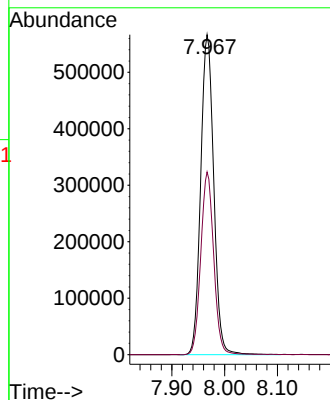
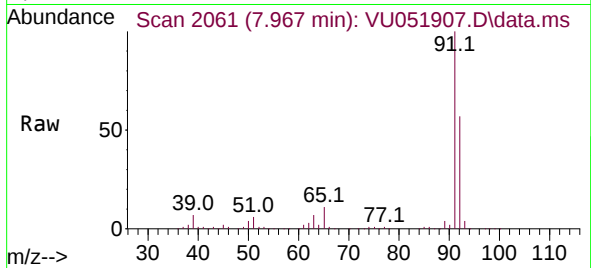
VSTD010071

Tgt Ion: 91 Resp: 972396

Ion Ratio Lower Upper

91 100

92 57.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 10.888 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051907.D

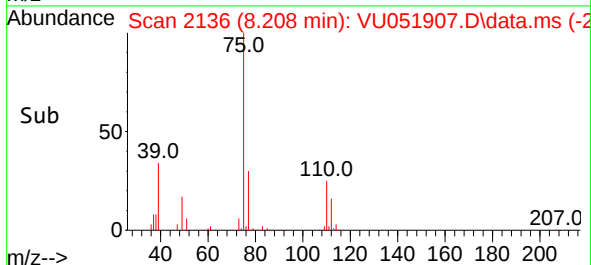
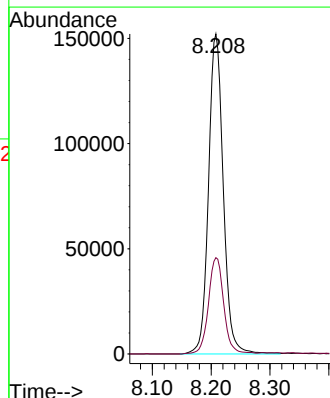
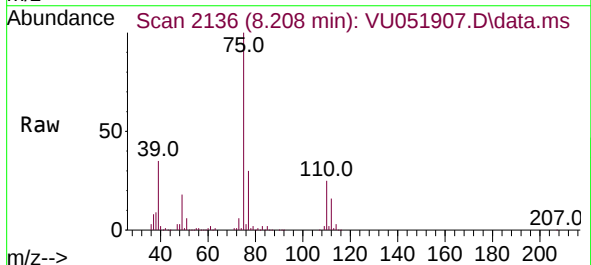
Acq: 18 Nov 2022 15:58

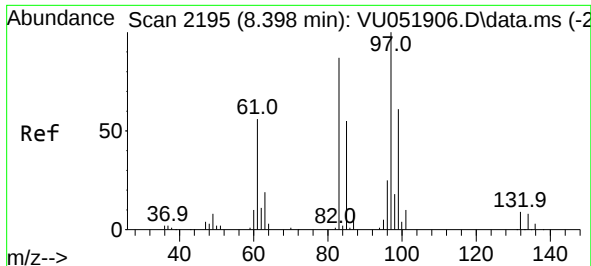
Tgt Ion: 75 Resp: 264908

Ion Ratio Lower Upper

75 100

77 30.1 22.6 42.0



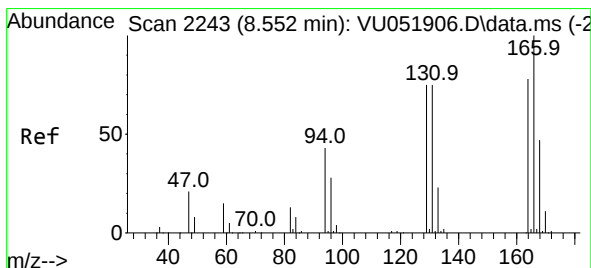
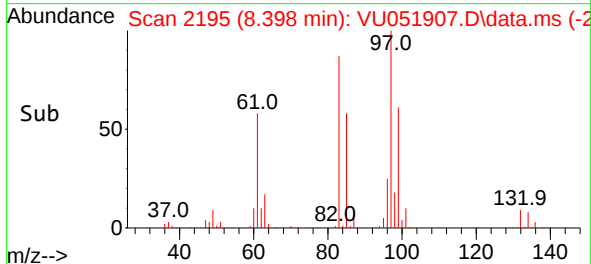
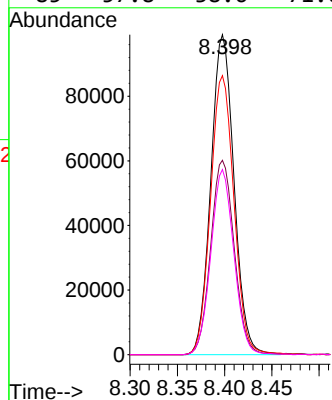
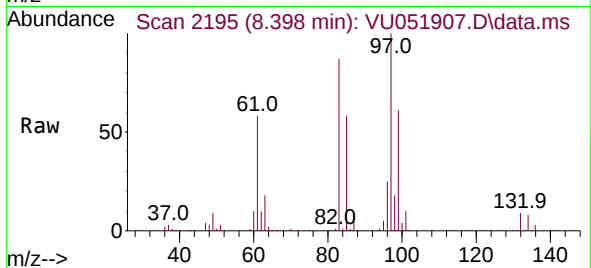


#45
1,1,2-Trichloroethane
Concen: 10.158 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

Tgt Ion: 97 Resp: 168917

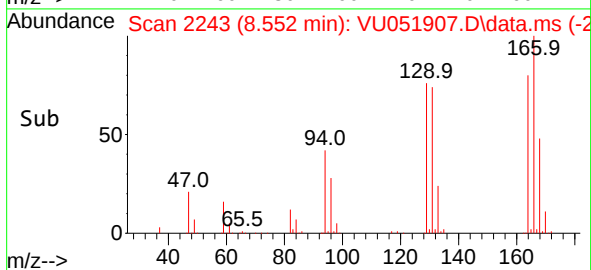
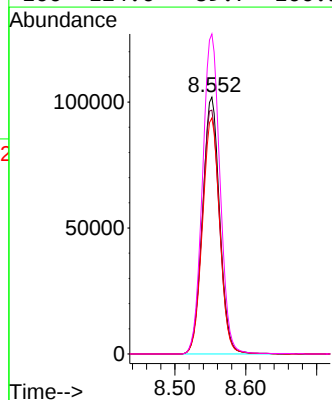
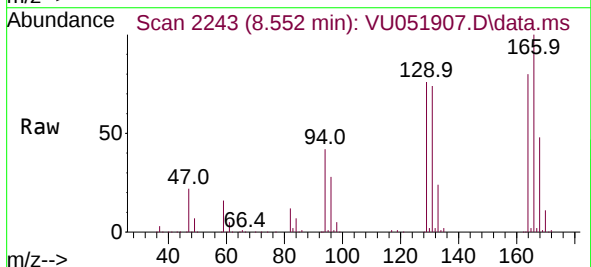
Ion	Ratio	Lower	Upper
97	100		
99	60.8	42.6	79.2
83	87.2	60.7	112.7
85	57.8	38.6	71.6

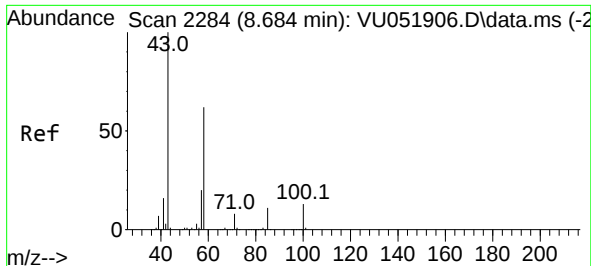


#47
Tetrachloroethene
Concen: 10.492 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 164 Resp: 171419

Ion	Ratio	Lower	Upper
164	100		
129	94.9	67.4	125.2
131	91.9	67.1	124.7
166	124.6	89.7	166.5



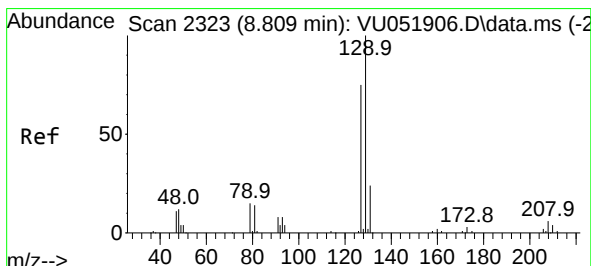
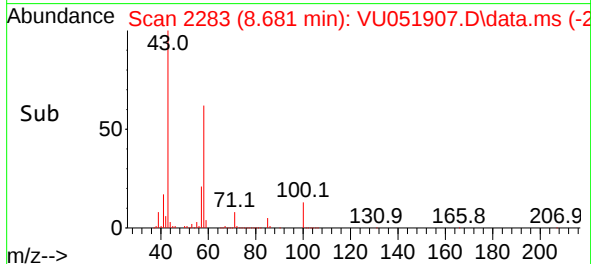
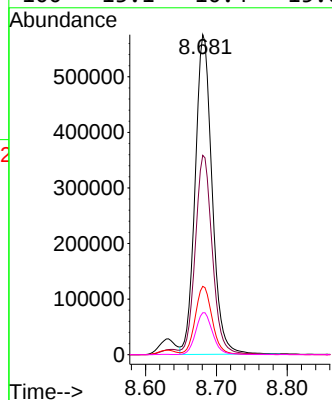
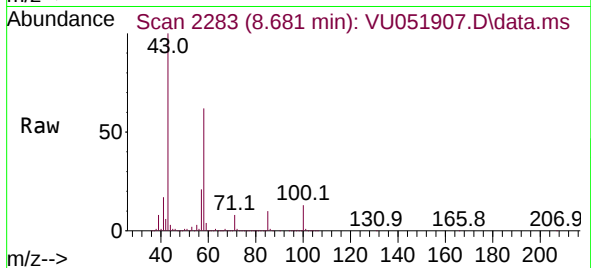


#48
2-Hexanone
Concen: 111.974 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

Tgt Ion: 43 Resp: 953672

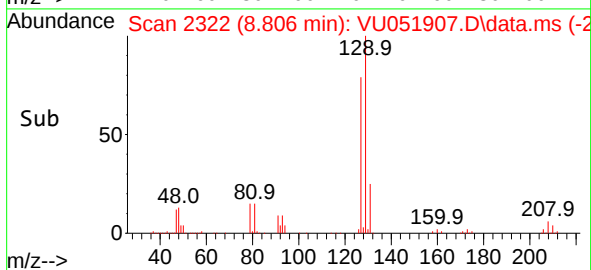
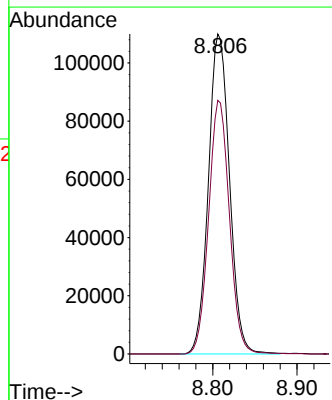
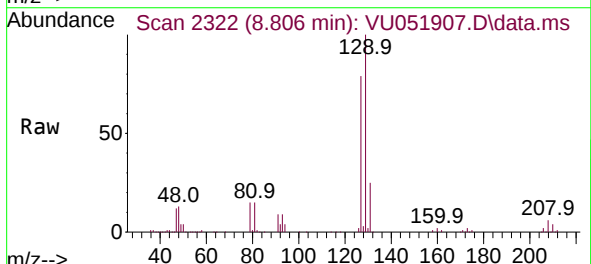
Ion	Ratio	Lower	Upper
43	100		
58	62.5	49.4	74.0
57	21.5	16.3	24.5
100	13.1	10.4	15.6

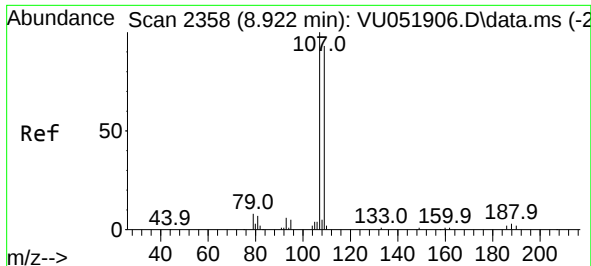


#49
Dibromochloromethane
Concen: 10.285 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 129 Resp: 191546

Ion	Ratio	Lower	Upper
129	100		
127	79.2	52.8	98.2





#50

1,2-Dibromoethane

Concen: 10.456 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD010071

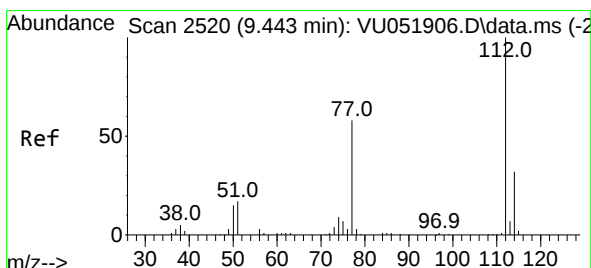
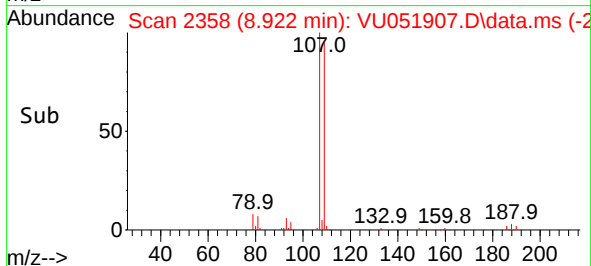
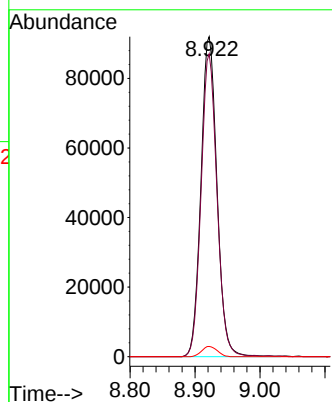
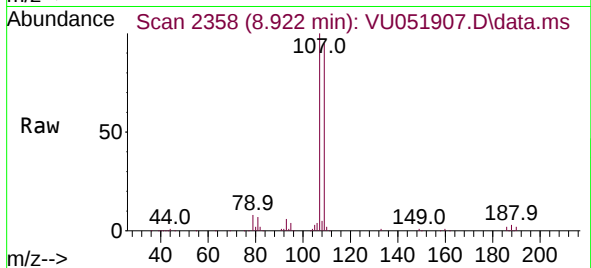
Tgt Ion:107 Resp: 158383

Ion Ratio Lower Upper

107 100

109 94.6 64.9 120.5

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 10.426 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

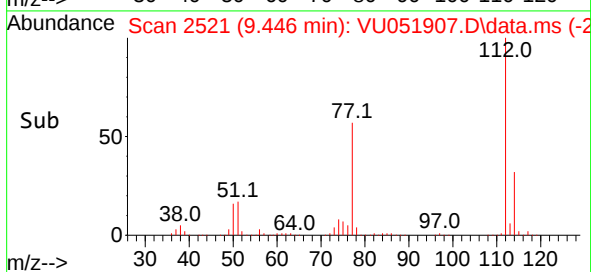
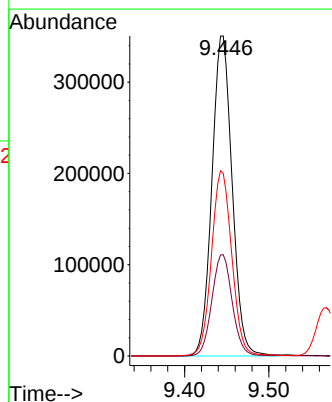
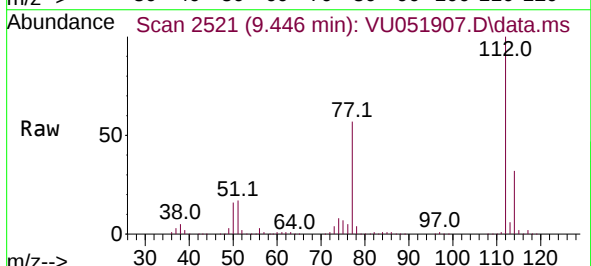
Tgt Ion:112 Resp: 584373

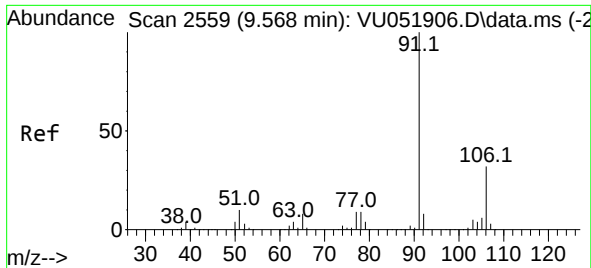
Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

77 57.0 46.6 70.0

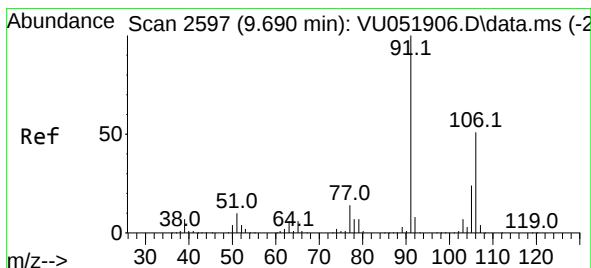
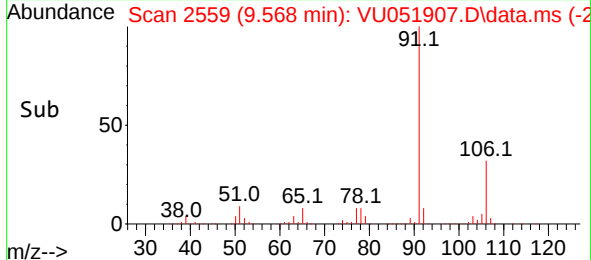
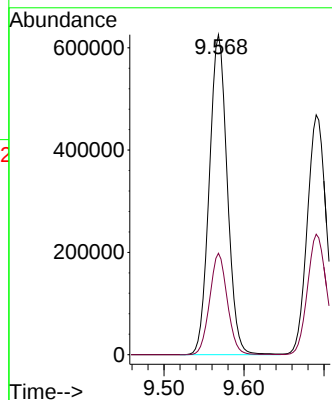
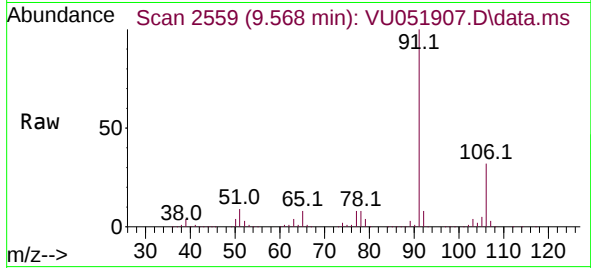




#52
Ethylbenzene
Concen: 11.433 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

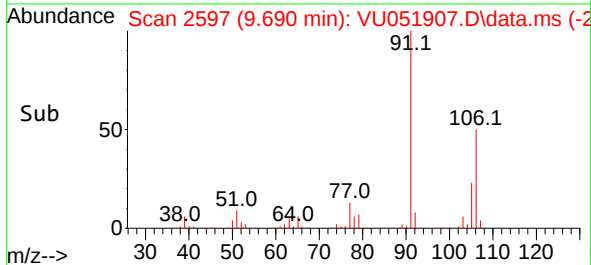
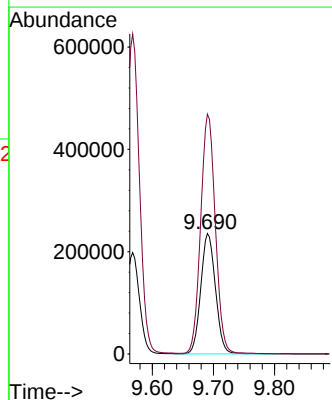
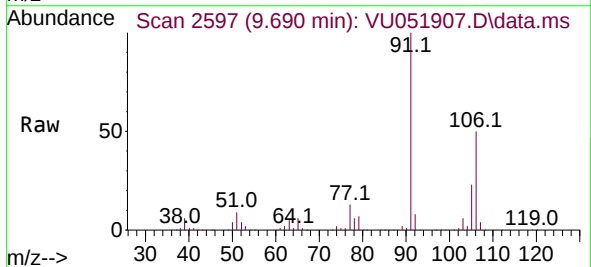
Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

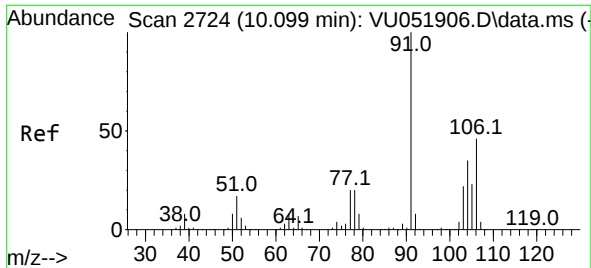
Tgt Ion: 91 Resp: 977197
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.3



#53
m,p-Xylene
Concen: 11.830 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 106 Resp: 391535
Ion Ratio Lower Upper
106 100
91 199.1 137.7 255.7

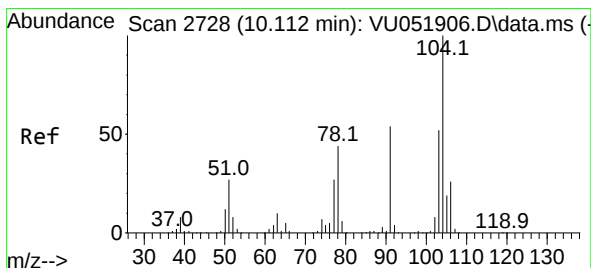
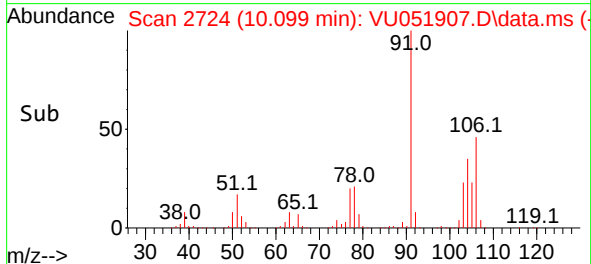
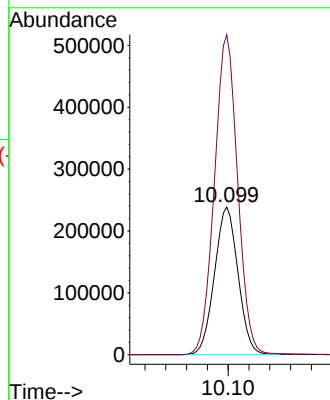
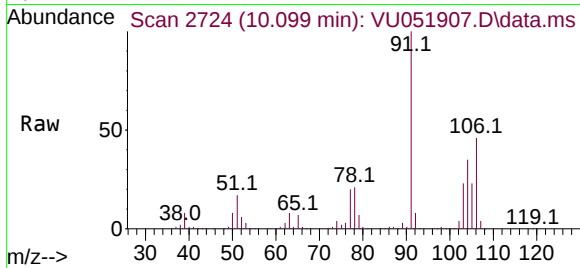




#54
o-Xylene
Concen: 11.814 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

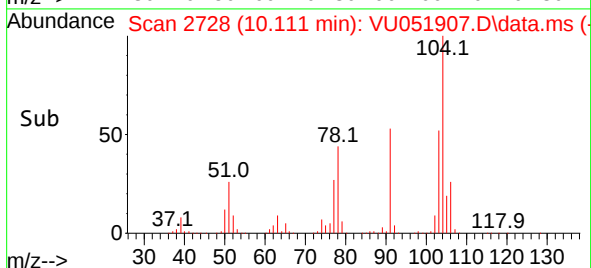
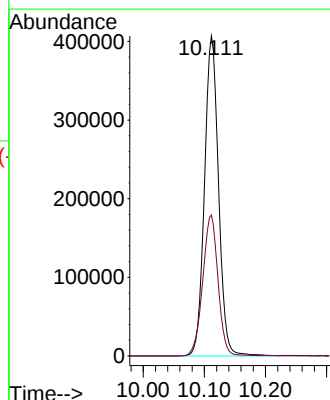
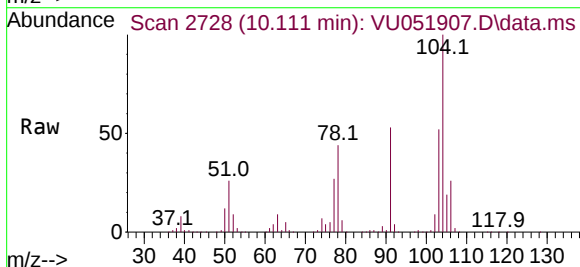
Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

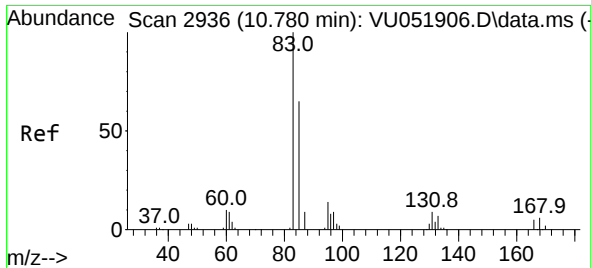
Tgt Ion:106 Resp: 374751
Ion Ratio Lower Upper
106 100
91 216.7 151.5 281.5



#55
Styrene
Concen: 12.133 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion:104 Resp: 650046
Ion Ratio Lower Upper
104 100
78 44.1 30.6 56.8

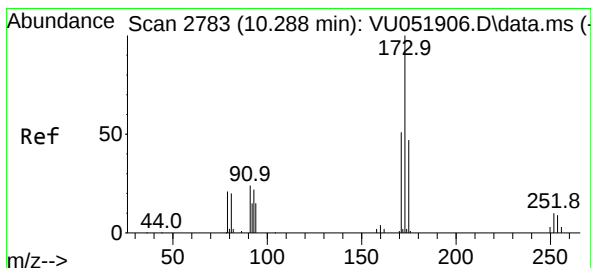
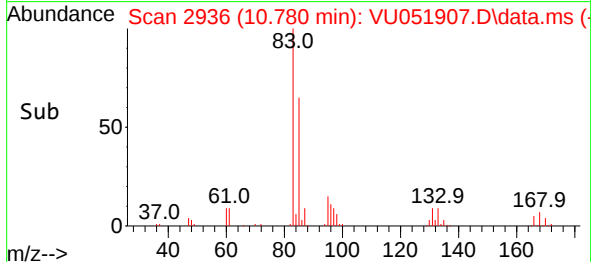
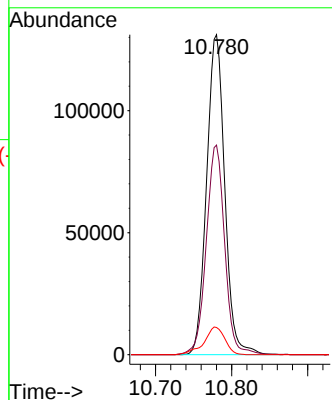
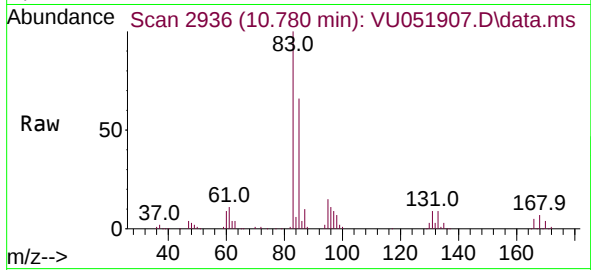




#57
1,1,2,2-Tetrachloroethane
Concen: 10.459 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

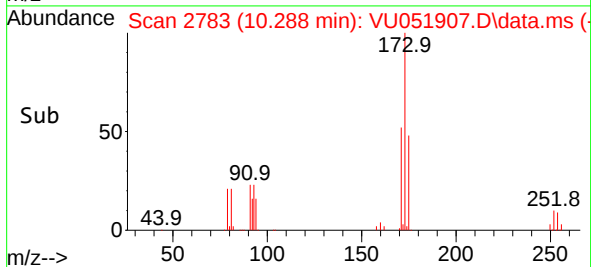
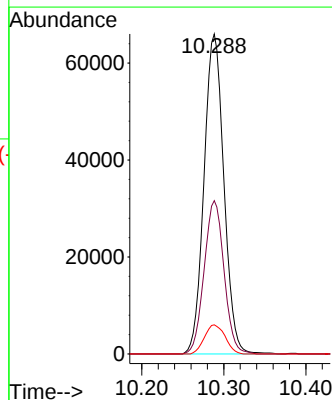
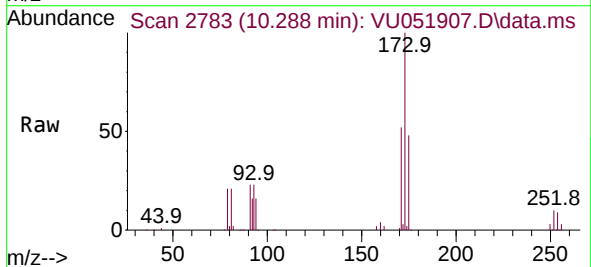
Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

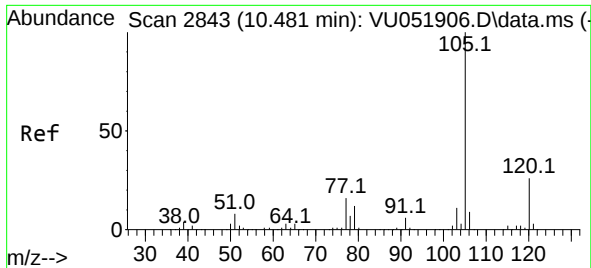
Tgt Ion: 83 Resp: 217226
Ion Ratio Lower Upper
83 100
85 65.5 45.7 84.9
131 8.5 7.6 11.4



#59
Bromoform
Concen: 9.884 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion:173 Resp: 110931
Ion Ratio Lower Upper
173 100
175 48.0 37.2 55.8
254 9.5 7.0 10.6

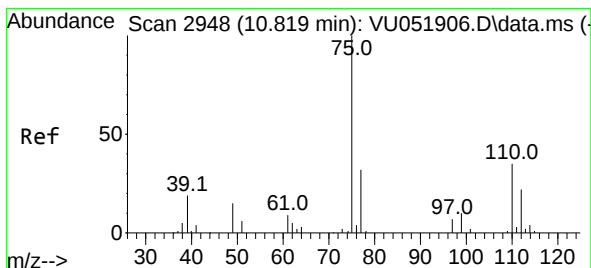
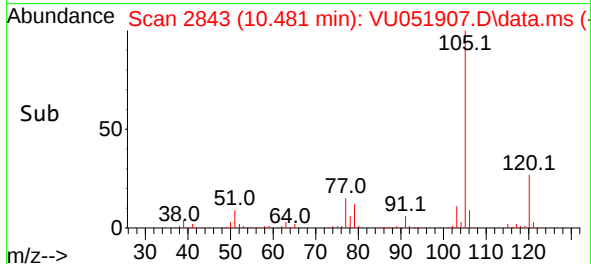
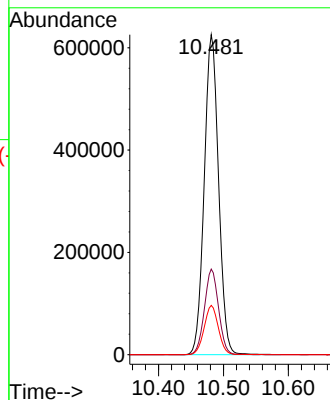
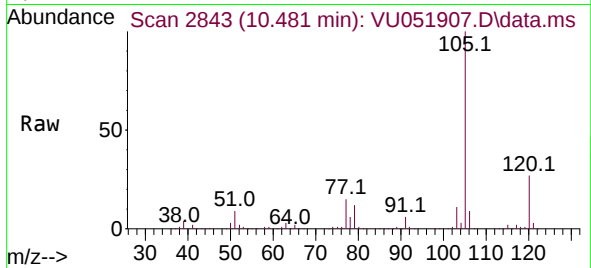




#60
Isopropylbenzene
Concen: 11.238 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

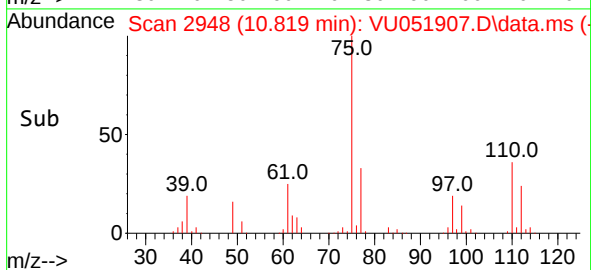
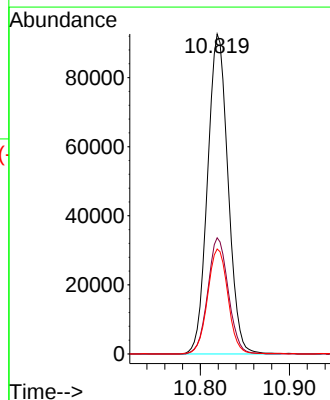
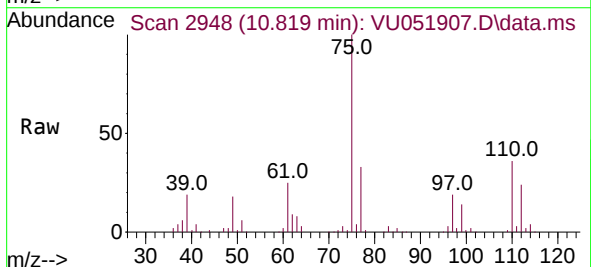
Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

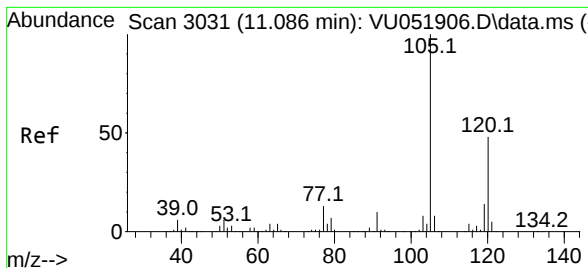
Tgt Ion:105 Resp: 961881
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 15.3 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 9.475 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion: 75 Resp: 147759
Ion Ratio Lower Upper
75 100
110 36.4 28.3 42.5
77 32.7 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 11.681 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

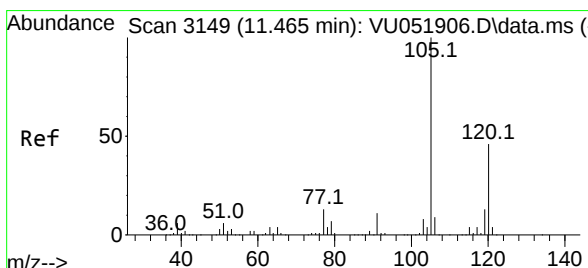
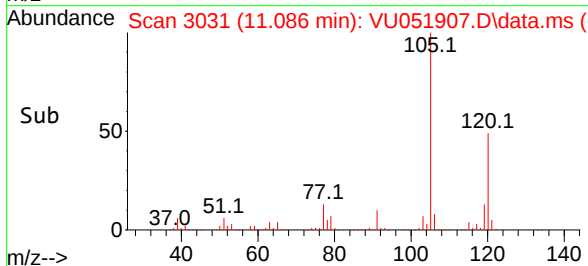
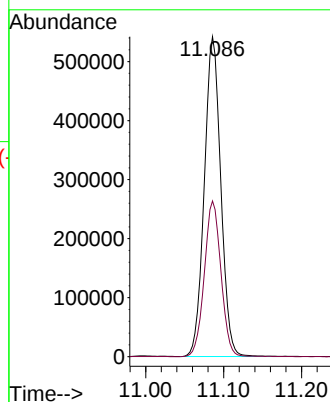
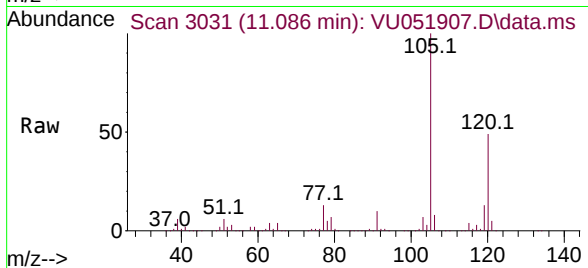
VSTD010071

Tgt Ion:105 Resp: 799230

Ion Ratio Lower Upper

105 100

120 48.9 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 11.960 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU051907.D

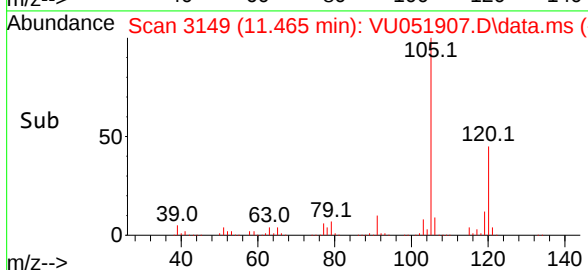
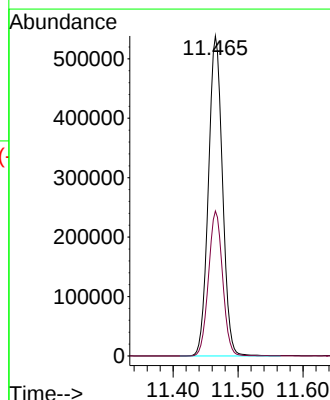
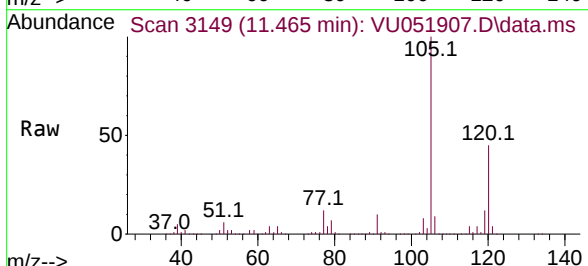
Acq: 18 Nov 2022 15:58

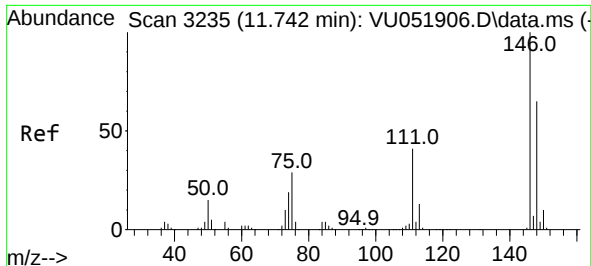
Tgt Ion:105 Resp: 812302

Ion Ratio Lower Upper

105 100

120 45.4 36.6 55.0

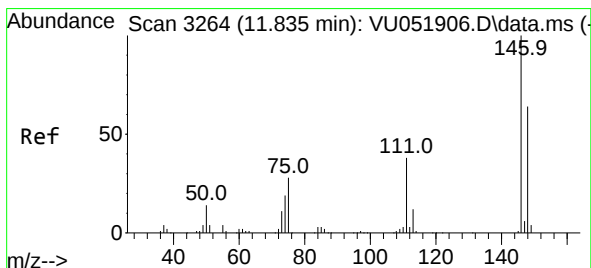
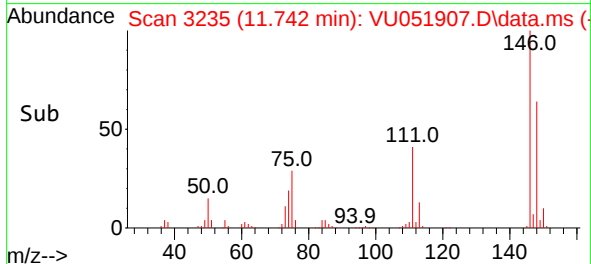
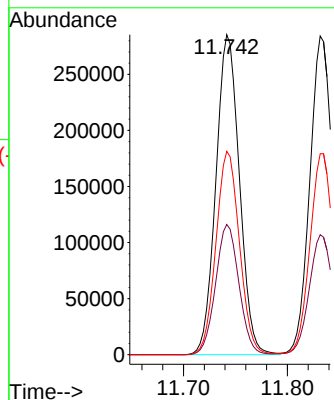
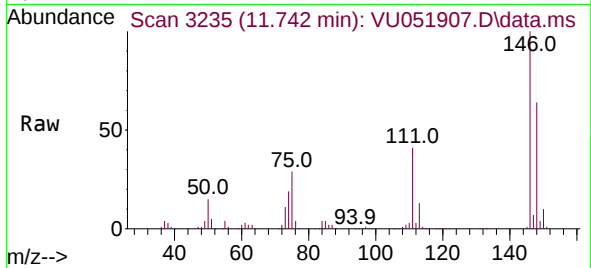




#64
1,3-Dichlorobenzene
Concen: 10.276 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

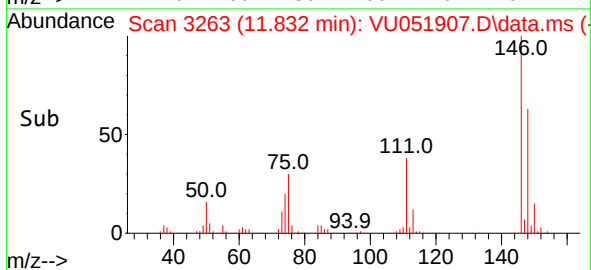
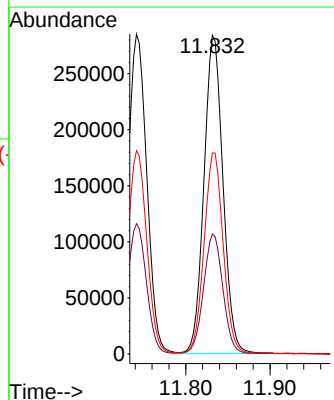
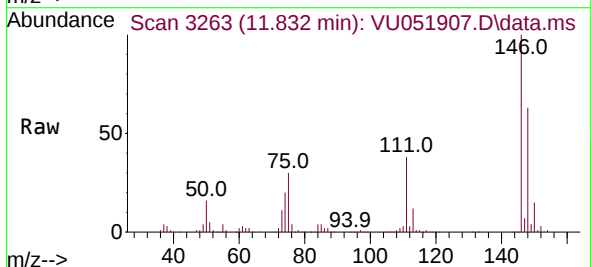
Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

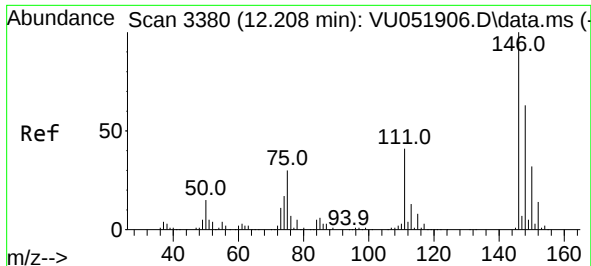
Tgt Ion:146 Resp: 449089
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.2
148 63.5 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 10.239 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion:146 Resp: 446263
Ion Ratio Lower Upper
146 100
111 37.6 26.9 50.1
148 63.1 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 10.242 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD010071

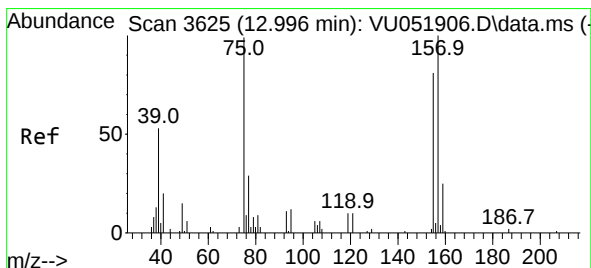
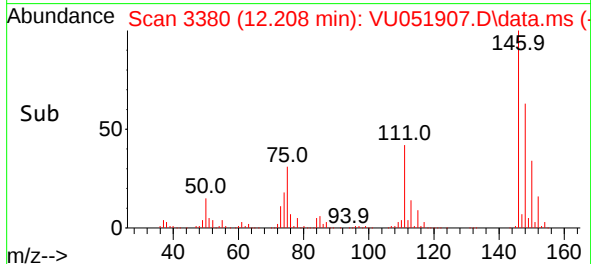
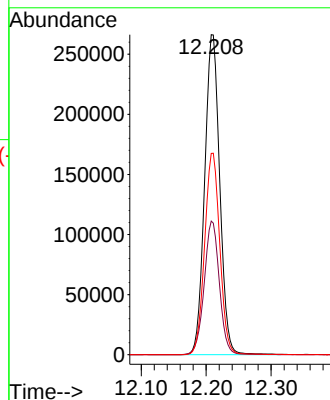
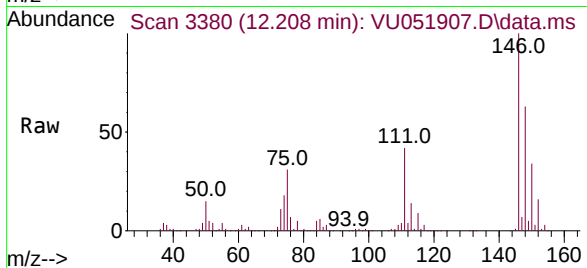
Tgt Ion:146 Resp: 431037

Ion Ratio Lower Upper

146 100

111 41.8 32.7 49.1

148 62.9 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 9.168 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU051907.D

Acq: 18 Nov 2022 15:58

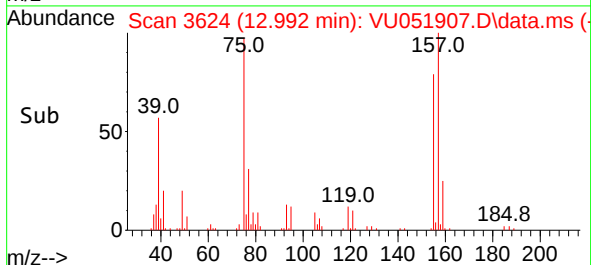
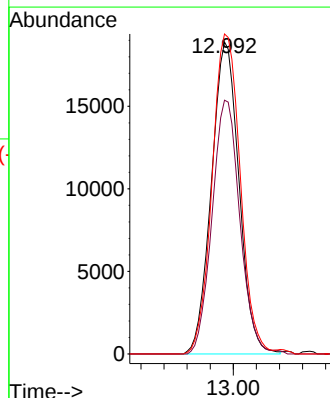
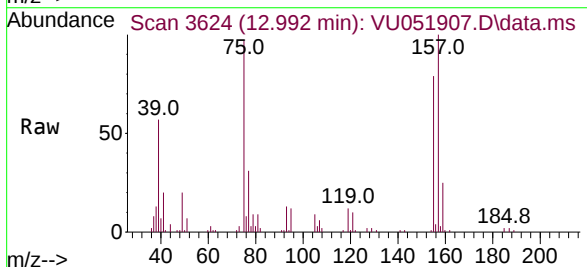
Tgt Ion: 75 Resp: 31289

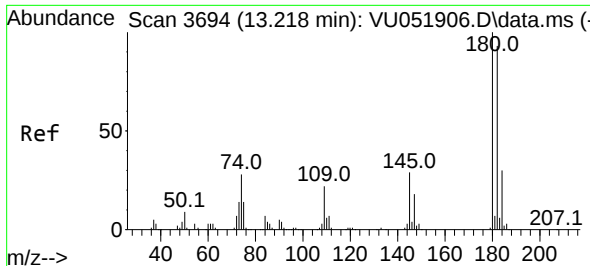
Ion Ratio Lower Upper

75 100

155 81.4 65.4 98.2

157 102.6 80.5 120.7



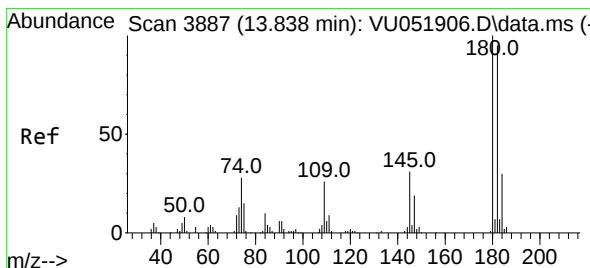
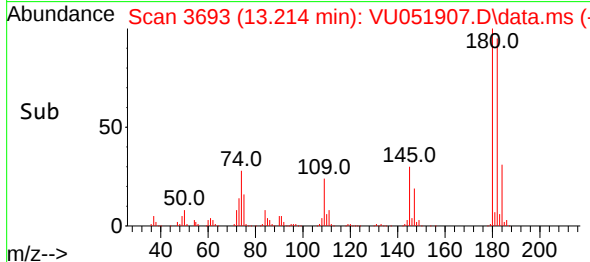
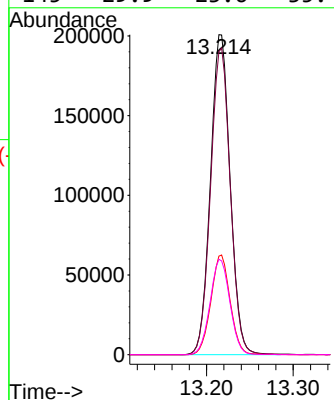
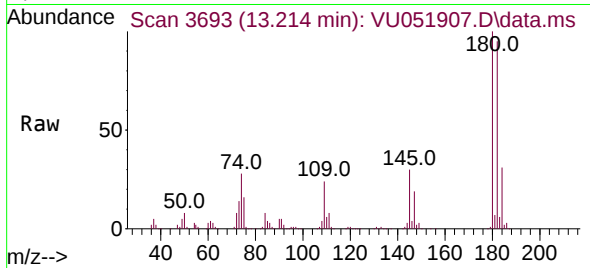


#69
 1,3,5-Trichlorobenzene
 Concen: 10.246 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. -0.003 min
 Lab File: VU051907.D
 Acq: 18 Nov 2022 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010071

Tgt Ion:180 Resp: 317531

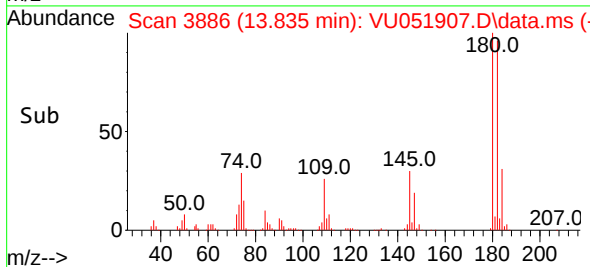
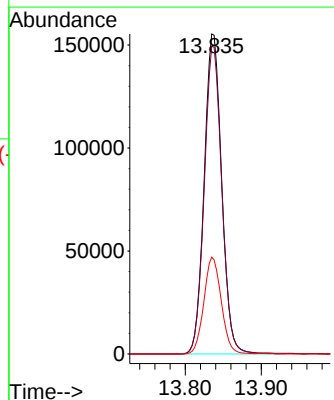
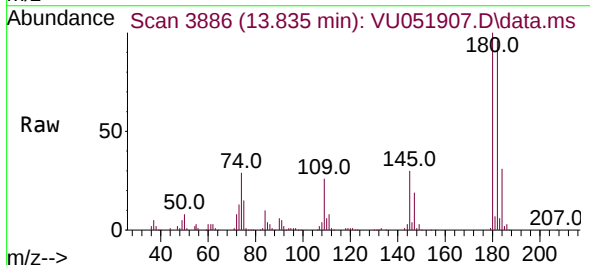
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.7	113.5
184	30.5	24.3	36.5
145	29.9	23.6	35.4

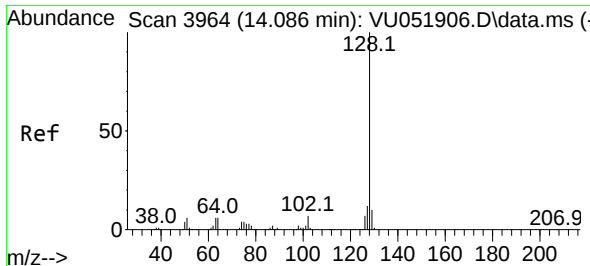


#70
 1,2,4-trichlorobenzene
 Concen: 10.528 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.003 min
 Lab File: VU051907.D
 Acq: 18 Nov 2022 15:58

Tgt Ion:180 Resp: 248444

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.3	114.5
145	30.0	24.6	36.8

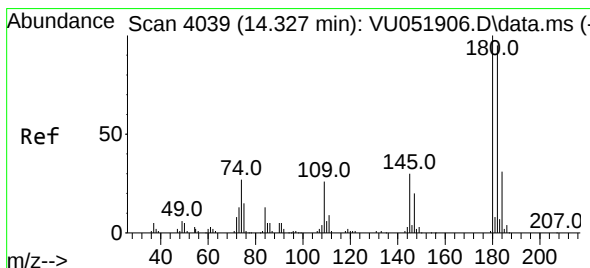
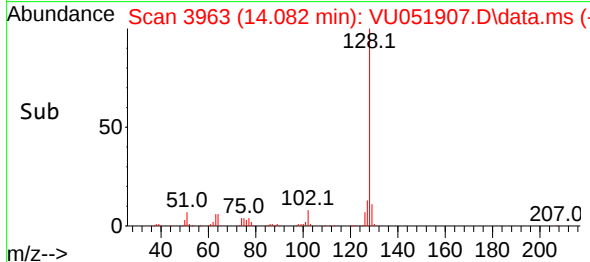
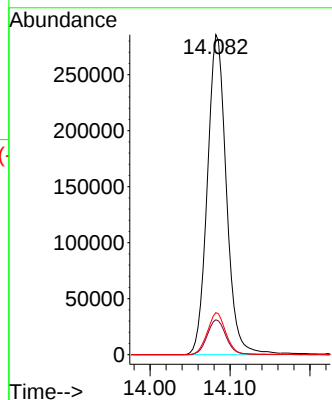
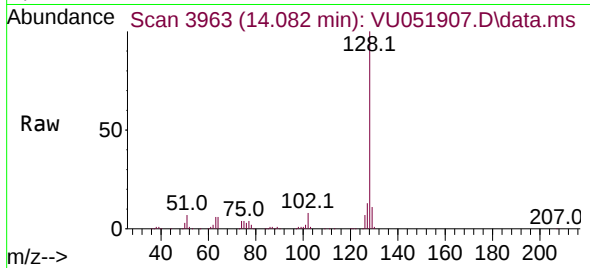




#71
Naphthalene
Concen: 10.674 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD010071

Tgt Ion:128 Resp: 472911
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 10.654 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051907.D
Acq: 18 Nov 2022 15:58

Tgt Ion:180 Resp: 247372
Ion Ratio Lower Upper
180 100
182 95.0 75.7 113.5
145 31.9 24.5 36.7

