

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051908.D
 Acq On : 18 Nov 2022 16:23
 Operator : JC/MD
 Sample : VSTD02072
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020072

Quant Time: Nov 18 22:01:23 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	283316	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	281837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	150530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	558156	20.253	ug/L	0.00
7) Chloroethane-d5	1.912	69	428829	20.034	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	198172	20.061	ug/L	0.00
20) 2-Butanone-d5	4.626	46	1093417	217.469	ug/L	0.00
24) Chloroform-d	5.060	84	810904	20.026	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	394140	19.271	ug/L	0.00
32) Benzene-d6	5.726	84	1748256	20.894	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	532216	20.553	ug/L	0.00
41) Toluene-d8	7.896	98	1611333	21.285	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	206354	21.868	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	1018526	254.698	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	458096	20.404	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	572204	19.854	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	468639	19.072	ug/L	100
3) Chloromethane	1.523	50	592123	18.464	ug/L	100
5) Vinyl chloride	1.604	62	603071	19.573	ug/L	99
6) Bromomethane	1.858	94	318902	20.170	ug/L	98
8) Chloroethane	1.932	64	363115	18.952	ug/L	97
9) Trichlorofluoromethane	2.137	101	639930	18.879	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	390800	18.857	ug/L	100
12) 1,1-Dichloroethene	2.578	96	397780	19.354	ug/L	96
13) Acetone	2.642	43	645009	190.151	ug/L	100
14) Carbon disulfide	2.793	76	1378566	19.376	ug/L	99
15) Methyl Acetate	2.951	43	166492	18.923	ug/L	98
16) Methylene chloride	3.044	84	466307	16.771	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	963832	20.948	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	432271	19.621	ug/L	96
19) 1,1-Dichloroethane	3.867	63	769235	19.373	ug/L	100
21) 2-Butanone	4.706	43	1168922	215.079	ug/L	100
22) cis-1,2-Dichloroethene	4.661	96	481685	20.833	ug/L	98
23) Bromochloromethane	4.973	128	214262	19.368	ug/L	94
25) Chloroform	5.086	83	782792	19.455	ug/L	97
27) 1,2-Dichloroethane	5.790	62	475965	19.315	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	624292	19.965	ug/L	99
30) Cyclohexane	5.388	56	681687	22.452	ug/L	98
31) Carbon tetrachloride	5.523	117	528586	19.895	ug/L	100
33) Benzene	5.771	78	1854006	20.213	ug/L	100
34) Trichloroethene	6.539	95	451831	19.750	ug/L	98
35) Methylcyclohexane	6.761	83	751711	22.841	ug/L	97
37) 1,2-Dichloropropane	6.787	63	476151	20.050	ug/L	99
38) Bromodichloromethane	7.102	83	567139	19.588	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	679654	22.290	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	2780161	224.113	ug/L	98
42) Toluene	7.967	91	1996438	21.160	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	566884	21.711	ug/L	97

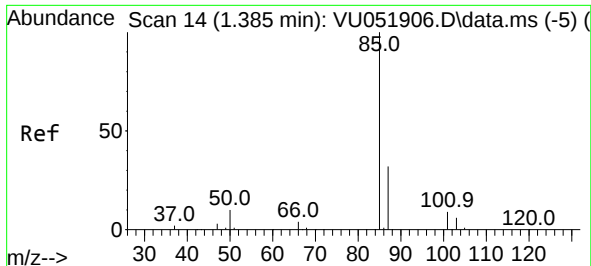
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
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Quant Time: Nov 18 22:01:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 21:59:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	344812	19.321	ug/L	98
47) Tetrachloroethene	8.552	164	345894	19.728	ug/L	99
48) 2-Hexanone	8.681	43	2011286	220.047	ug/L	99
49) Dibromochloromethane	8.806	129	400109	20.018	ug/L	98
50) 1,2-Dibromoethane	8.922	107	326014	20.055	ug/L	97
51) Chlorobenzene	9.443	112	1223324	20.337	ug/L	100
52) Ethylbenzene	9.568	91	2100706	22.902	ug/L	99
53) m,p-Xylene	9.690	106	831999	23.424	ug/L	96
54) o-Xylene	10.098	106	807872	23.732	ug/L	98
55) Styrene	10.111	104	1399886	24.347	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	450408	20.207	ug/L	99
59) Bromoform	10.288	173	236197	19.051	ug/L	97
60) Isopropylbenzene	10.481	105	2077265	21.970	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	312324	18.129	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	1805981	23.893	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	1812384	24.156	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	959685	19.878	ug/L	99
65) 1,4-Dichlorobenzene	11.831	146	958791	19.913	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	927073	19.940	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	68167	18.081	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	706199	20.628	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	593365	22.760	ug/L	99
71) Naphthalene	14.082	128	1171223	23.929	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	568028	22.146	ug/L	99

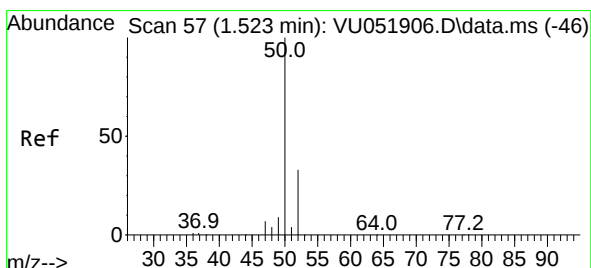
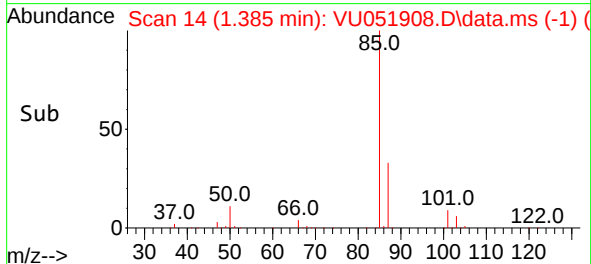
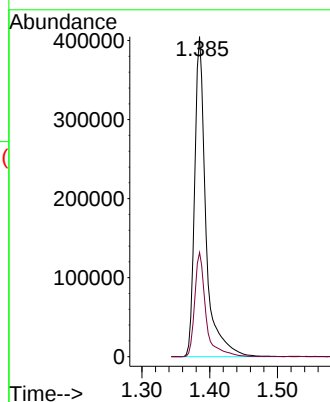
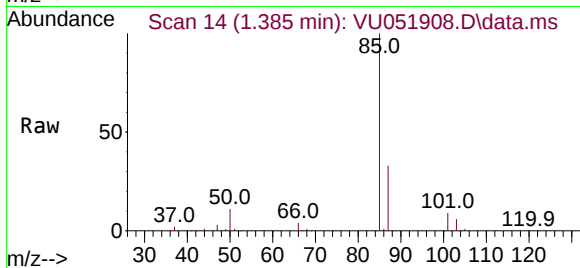
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 19.072 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

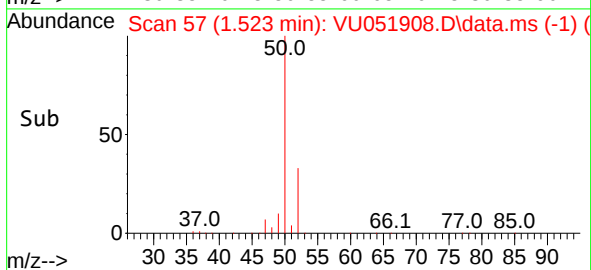
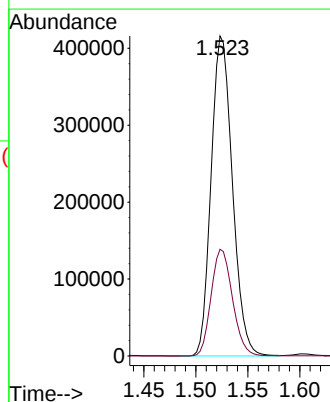
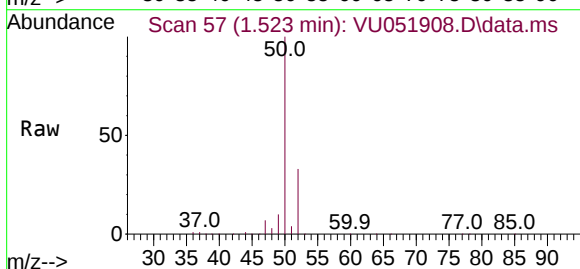
Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

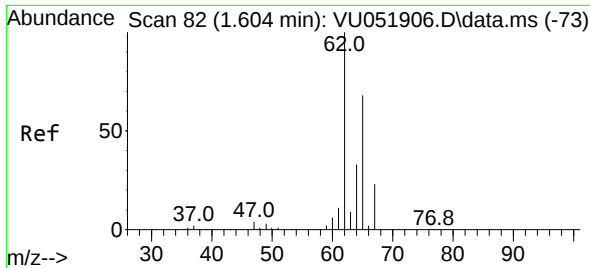
Tgt Ion: 85 Resp: 468639
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.8



#3
Chloromethane
Concen: 18.464 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion: 50 Resp: 592123
Ion Ratio Lower Upper
50 100
52 33.3 23.4 43.4

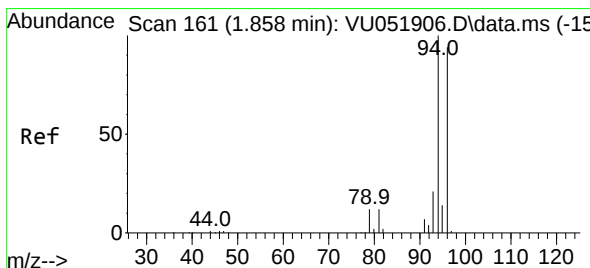
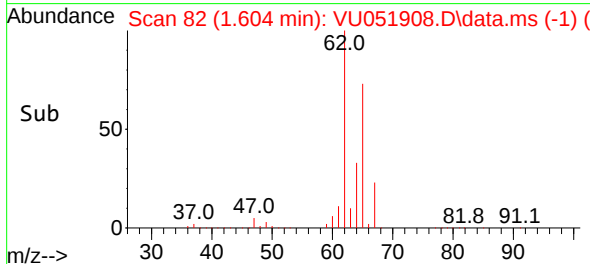
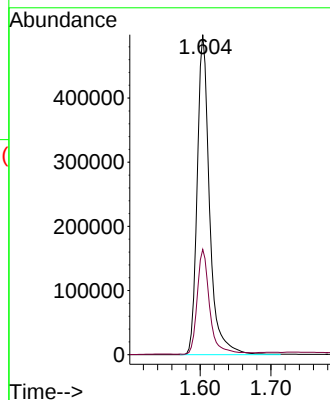
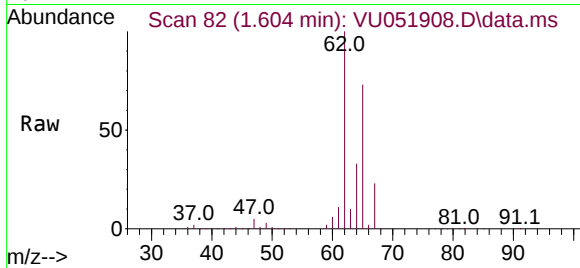




#5
 Vinyl chloride
 Concen: 19.573 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051908.D
 Acq: 18 Nov 2022 16:23

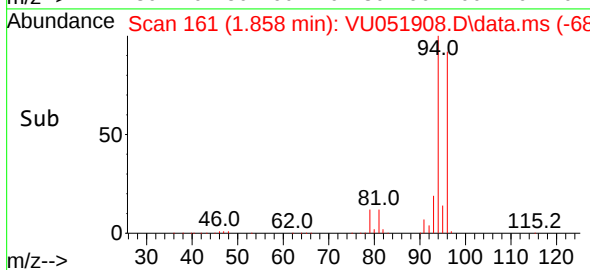
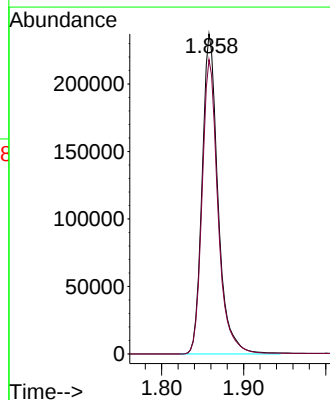
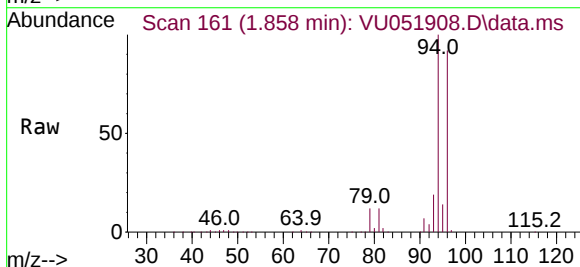
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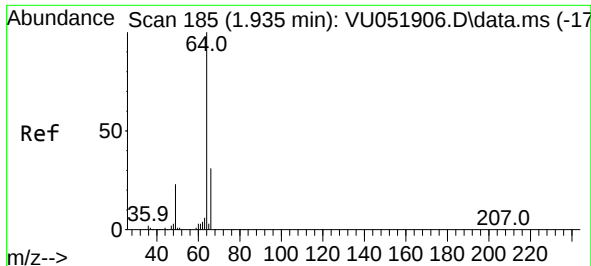
Tgt Ion: 62 Resp: 603071
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.5 43.7



#6
 Bromomethane
 Concen: 20.170 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU051908.D
 Acq: 18 Nov 2022 16:23

Tgt Ion: 94 Resp: 318902
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.7 122.1

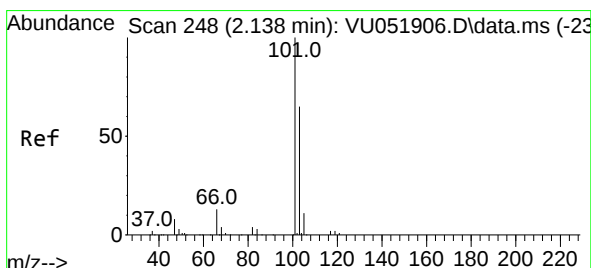
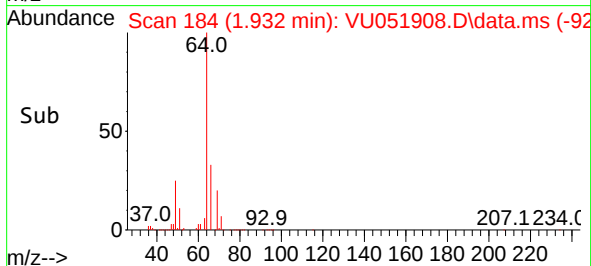
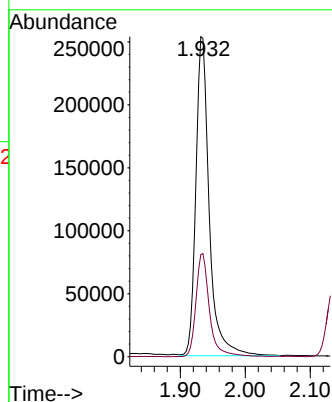
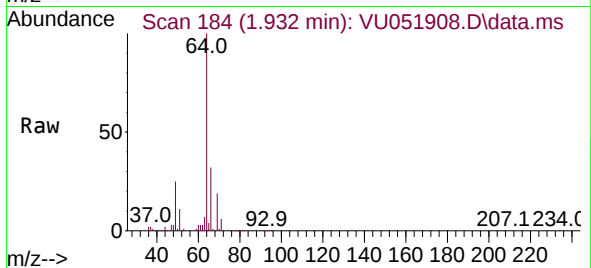




#8
Chloroethane
Concen: 18.952 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

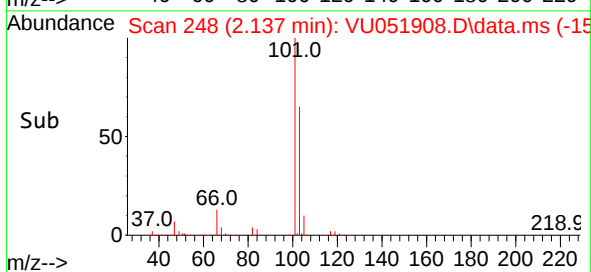
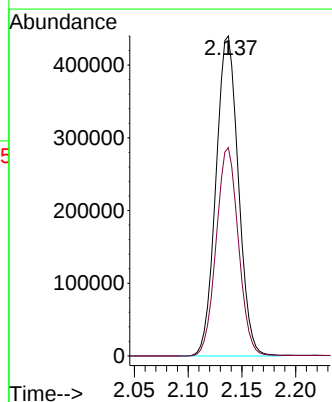
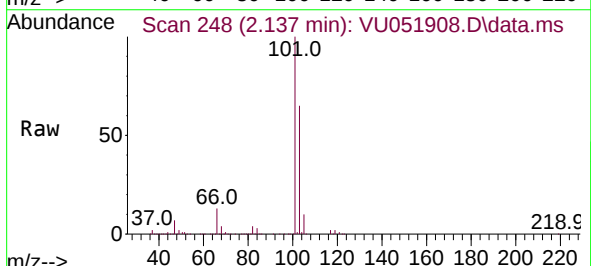
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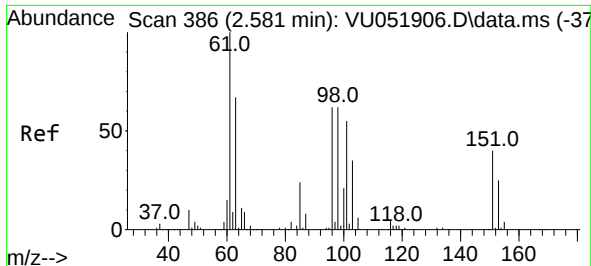
Tgt Ion: 64 Resp: 363115
Ion Ratio Lower Upper
64 100
66 32.0 21.1 39.1



#9
Trichlorofluoromethane
Concen: 18.879 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion:101 Resp: 639930
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

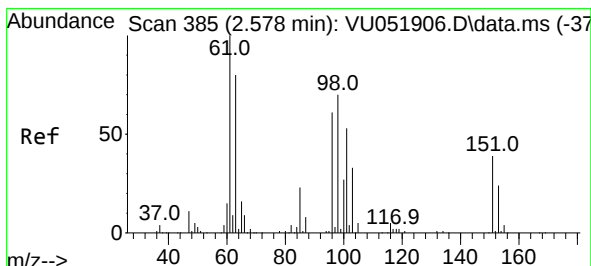
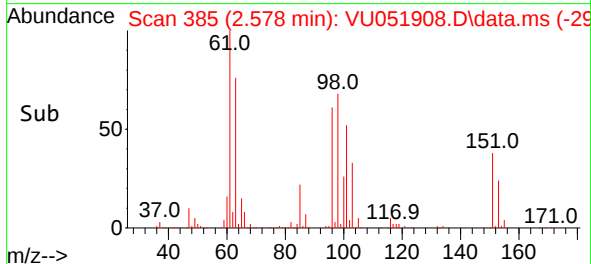
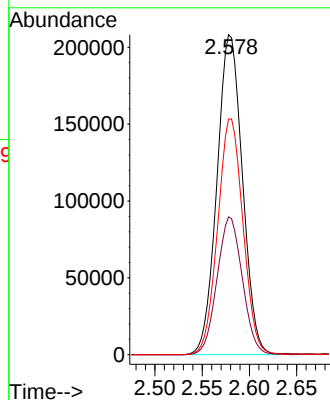
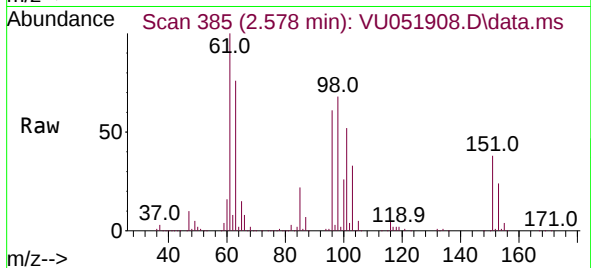




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.857 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

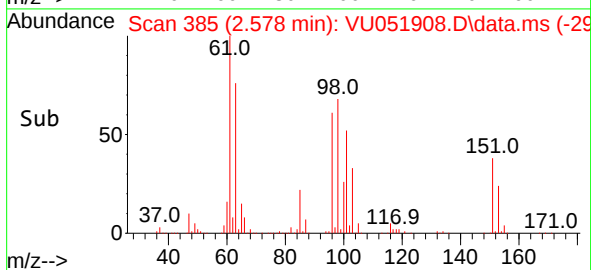
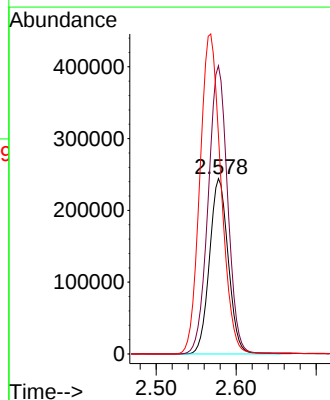
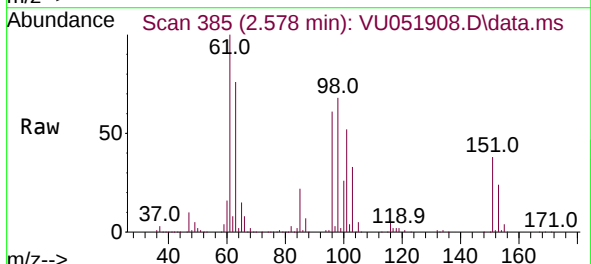
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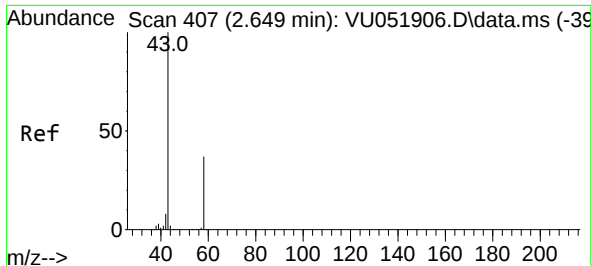
Tgt Ion:101 Resp: 390800
Ion Ratio Lower Upper
101 100
85 42.6 33.8 50.6
151 73.3 58.6 88.0



#12
1,1-Dichloroethene
Concen: 19.354 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion: 96 Resp: 397780
Ion Ratio Lower Upper
96 100
61 164.3 114.8 213.2
63 124.8 93.7 174.1





#13

Acetone

Concen: 190.151 ug/L

RT: 2.642 min Scan# 407

Delta R.T. -0.007 min

Lab File: VU051908.D

Acq: 18 Nov 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

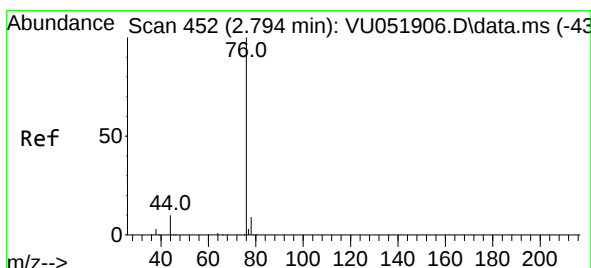
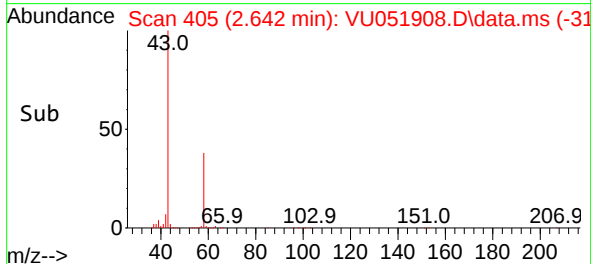
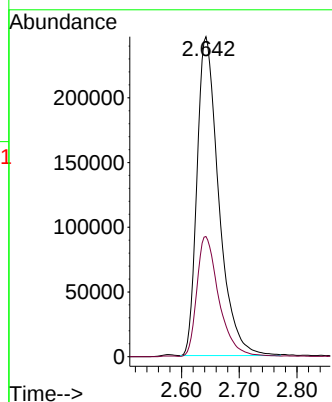
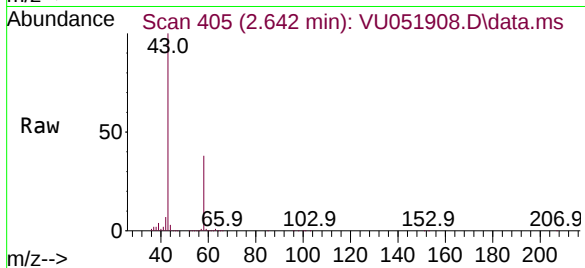
VSTD020072

Tgt Ion: 43 Resp: 645009

Ion Ratio Lower Upper

43 100

58 37.9 0.0 76.0



#14

Carbon disulfide

Concen: 19.376 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051908.D

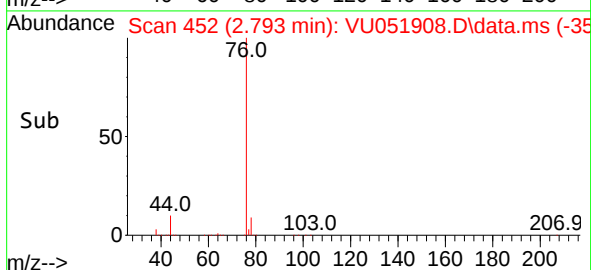
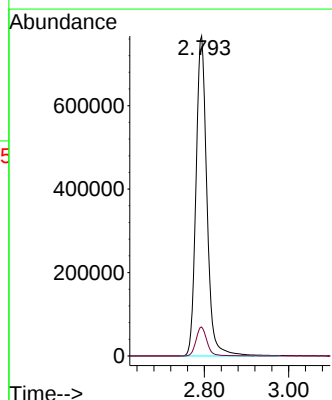
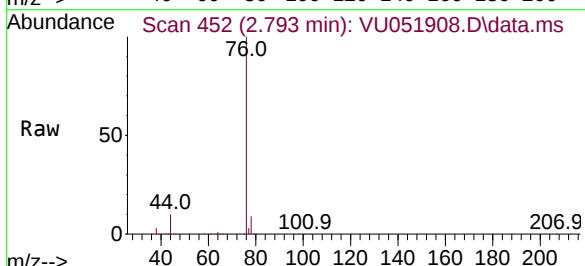
Acq: 18 Nov 2022 16:23

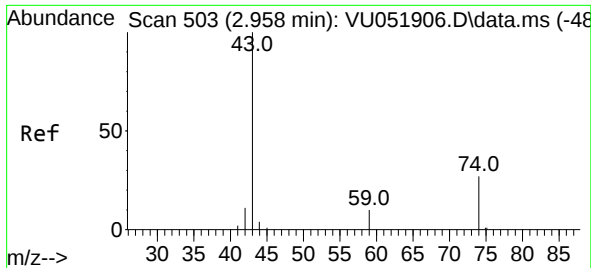
Tgt Ion: 76 Resp: 1378566

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

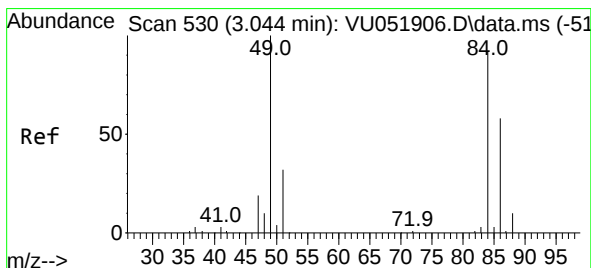
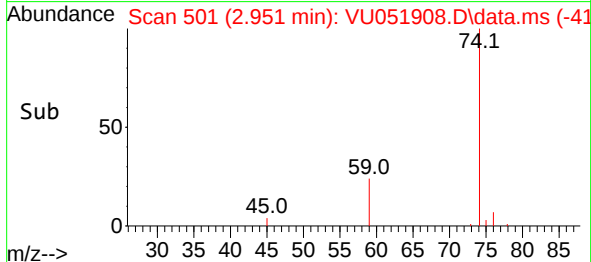
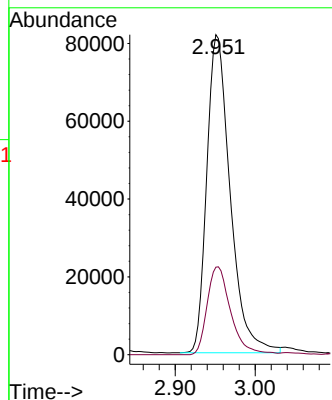
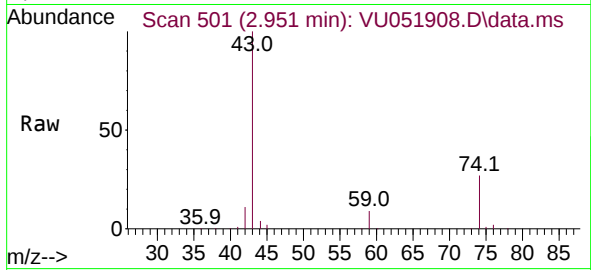




#15
Methyl Acetate
Concen: 18.923 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.007 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

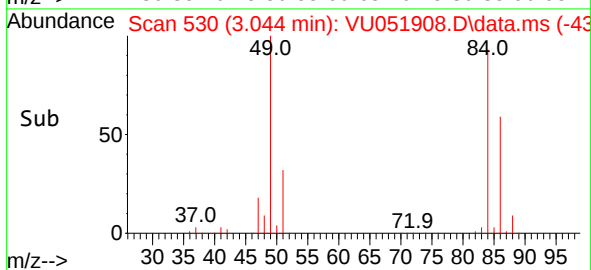
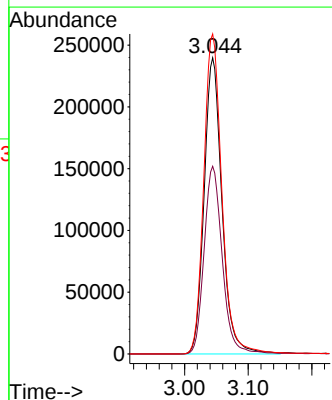
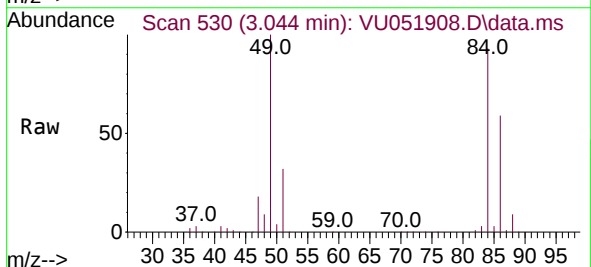
Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

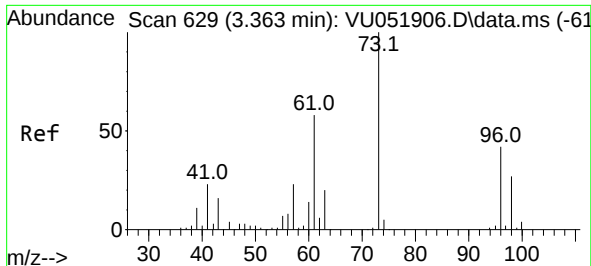
Tgt Ion: 43 Resp: 166492
Ion Ratio Lower Upper
43 100
74 27.8 21.3 31.9



#16
Methylene chloride
Concen: 16.771 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion: 84 Resp: 466307
Ion Ratio Lower Upper
84 100
86 63.4 43.8 81.4
49 108.1 75.9 141.1





#17

Methyl tert-butyl Ether

Concen: 20.948 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051908.D

Acq: 18 Nov 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD020072

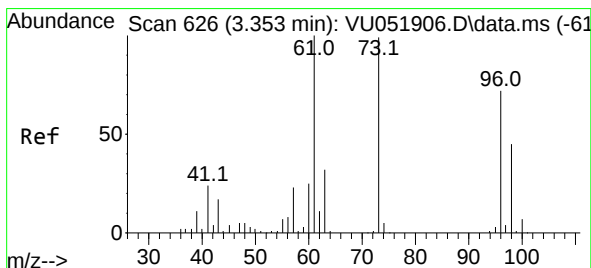
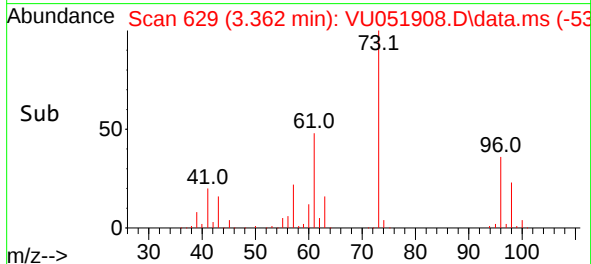
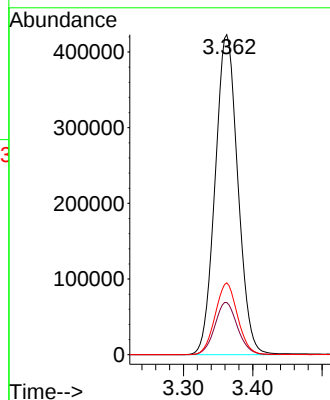
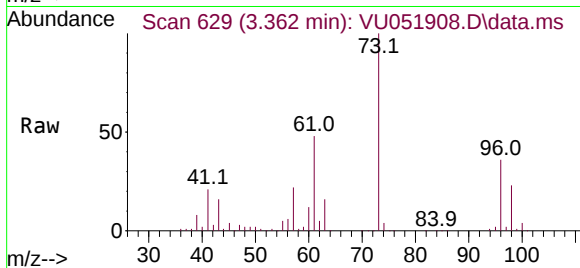
Tgt Ion: 73 Resp: 963832

Ion Ratio Lower Upper

73 100

43 16.2 13.2 19.8

57 22.1 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 19.621 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU051908.D

Acq: 18 Nov 2022 16:23

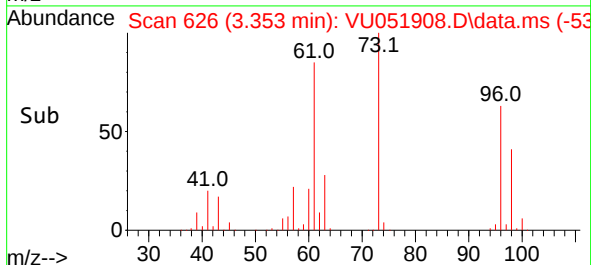
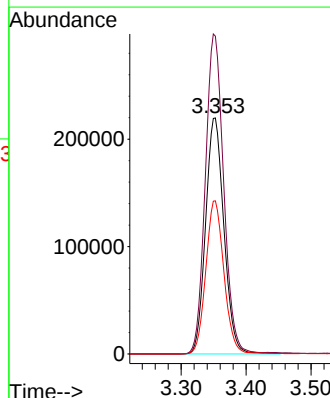
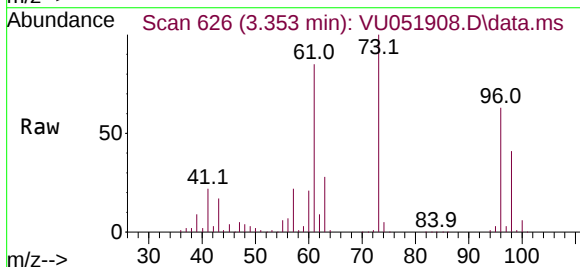
Tgt Ion: 96 Resp: 432271

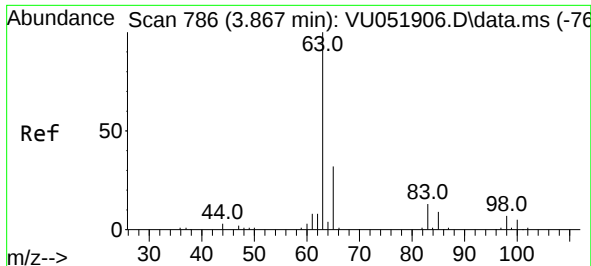
Ion Ratio Lower Upper

96 100

61 134.6 97.9 181.7

98 64.9 43.8 81.3





#19

1,1-Dichloroethane

Concen: 19.373 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU051908.D

Acq: 18 Nov 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD020072

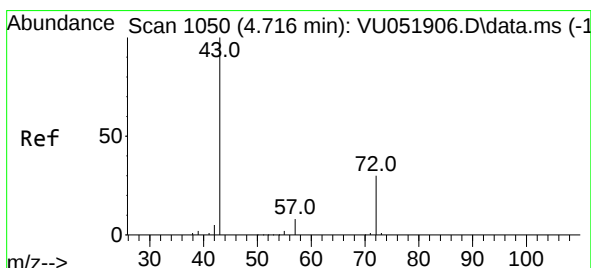
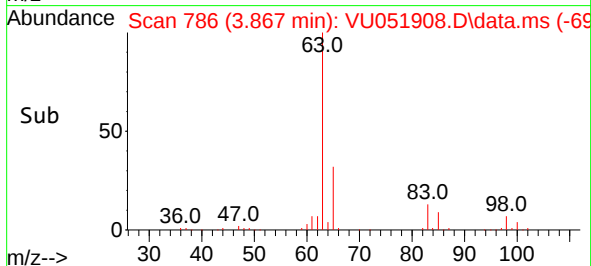
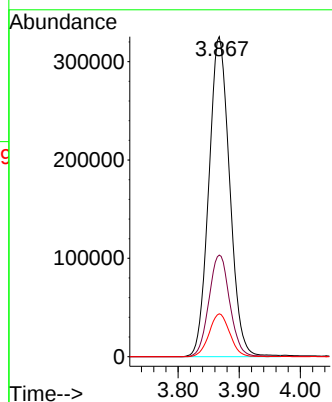
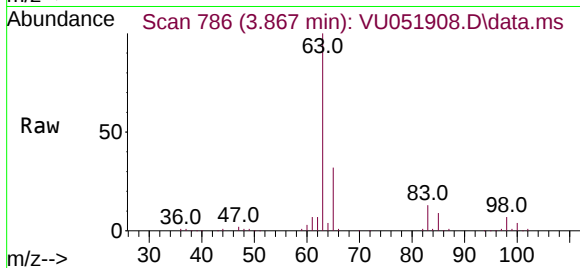
Tgt Ion: 63 Resp: 769235

Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 13.4 9.2 17.0



#21

2-Butanone

Concen: 215.079 ug/L

RT: 4.706 min Scan# 1047

Delta R.T. -0.010 min

Lab File: VU051908.D

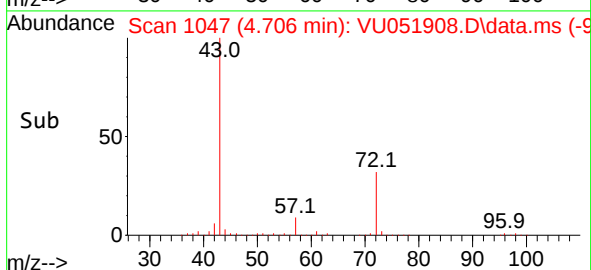
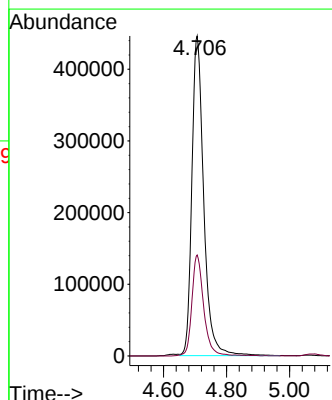
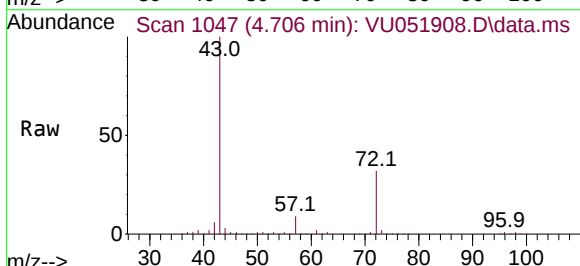
Acq: 18 Nov 2022 16:23

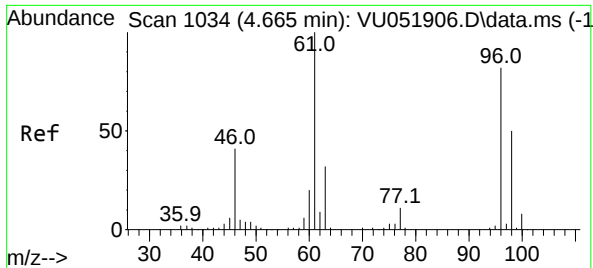
Tgt Ion: 43 Resp: 1168922

Ion Ratio Lower Upper

43 100

72 31.3 15.6 46.8

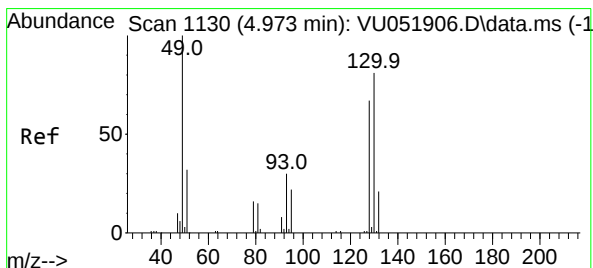
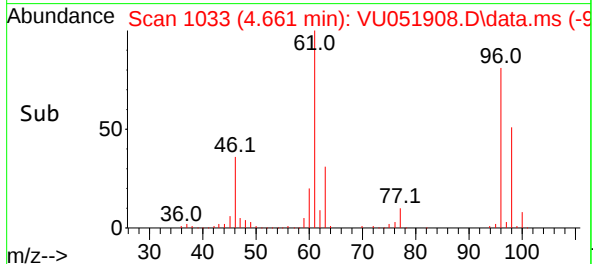
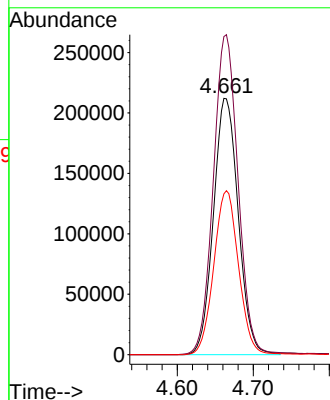
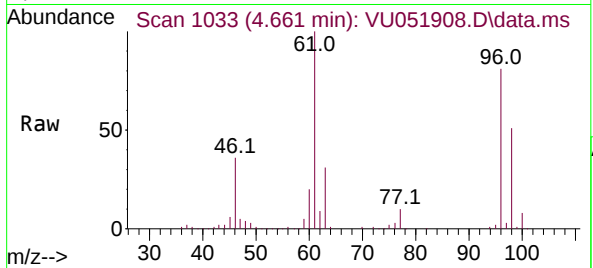




#22
cis-1,2-Dichloroethene
Concen: 20.833 ug/L
RT: 4.661 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

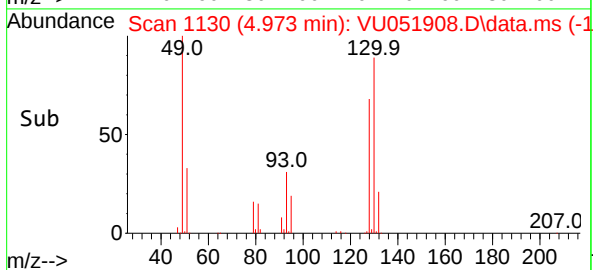
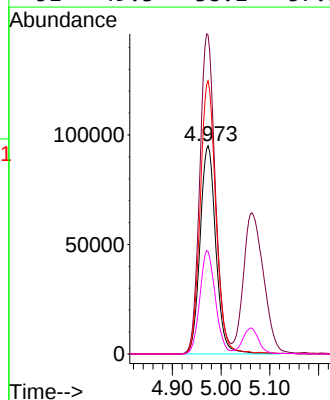
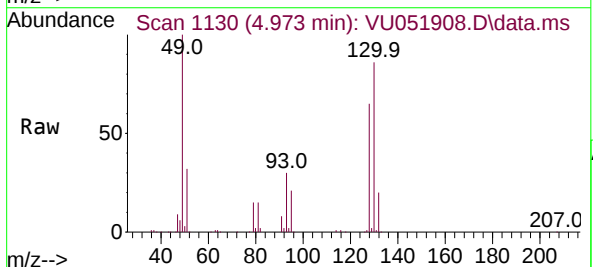
Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

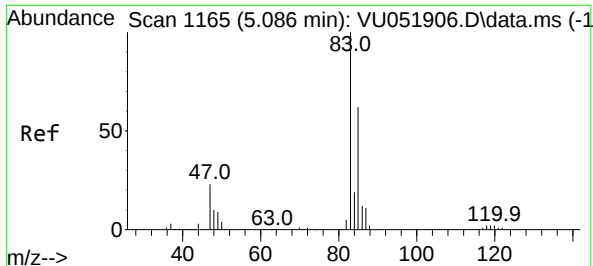
Tgt Ion: 96 Resp: 481685
Ion Ratio Lower Upper
96 100
61 124.1 85.1 158.1
98 62.7 42.8 79.6



#23
Bromochloromethane
Concen: 19.368 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion:128 Resp: 214262
Ion Ratio Lower Upper
128 100
49 153.2 104.0 193.2
130 131.2 84.6 157.2
51 49.3 38.1 57.1





#25

Chloroform

Concen: 19.455 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051908.D

Acq: 18 Nov 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

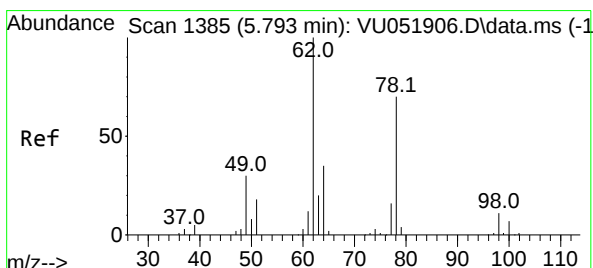
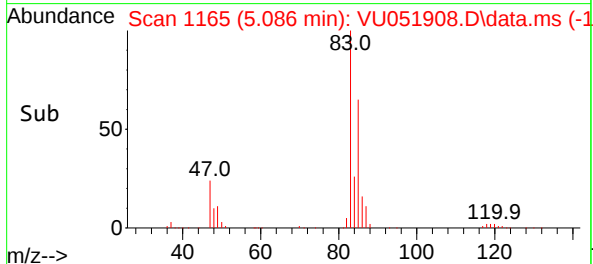
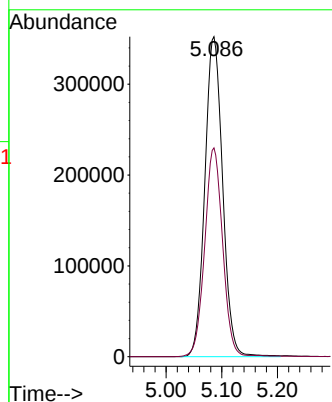
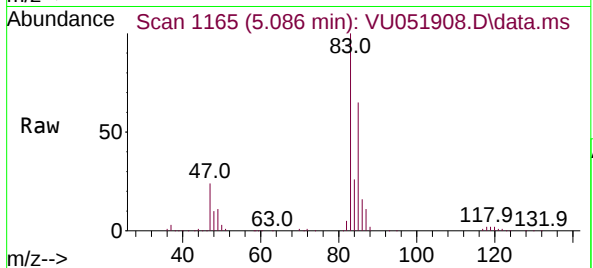
VSTD020072

Tgt Ion: 83 Resp: 782792

Ion Ratio Lower Upper

83 100

85 65.3 43.8 81.4



#27

1,2-Dichloroethane

Concen: 19.315 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051908.D

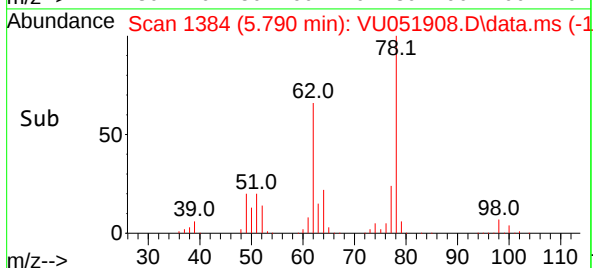
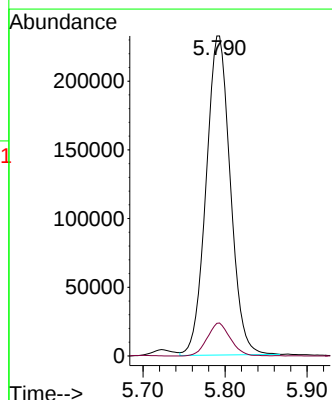
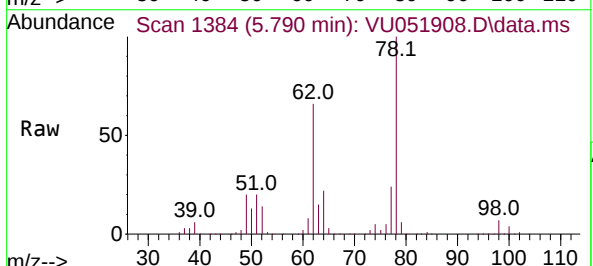
Acq: 18 Nov 2022 16:23

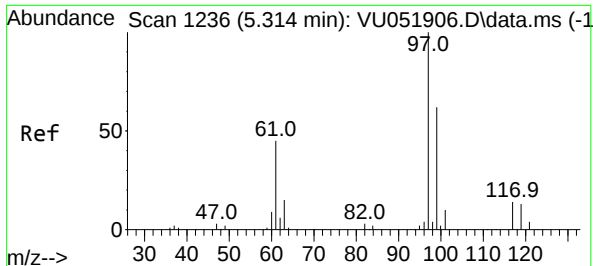
Tgt Ion: 62 Resp: 475965

Ion Ratio Lower Upper

62 100

98 10.2 8.4 12.6

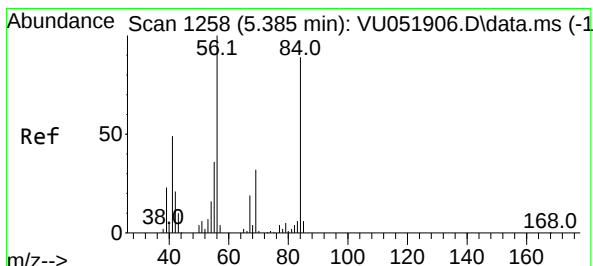
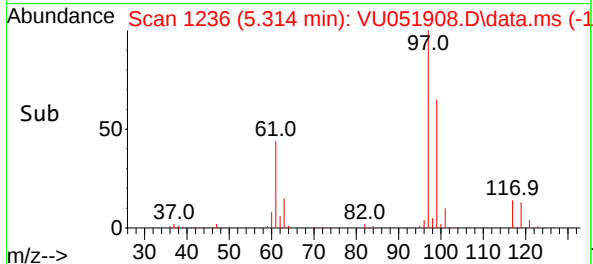
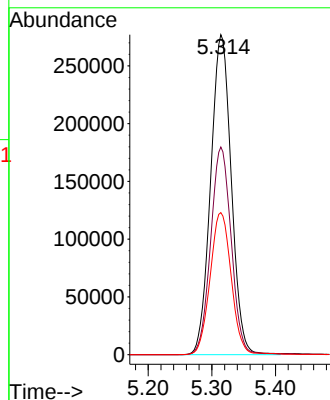
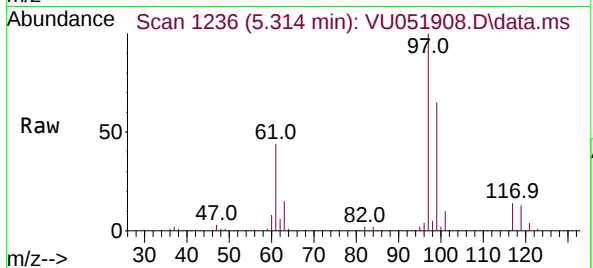




#29
1,1,1-Trichloroethane
Concen: 19.965 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

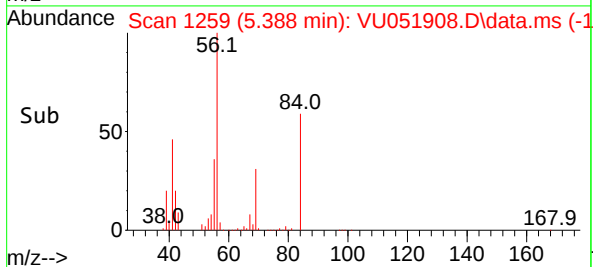
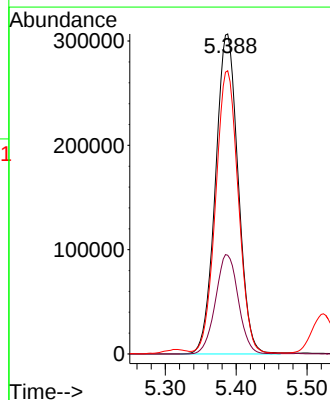
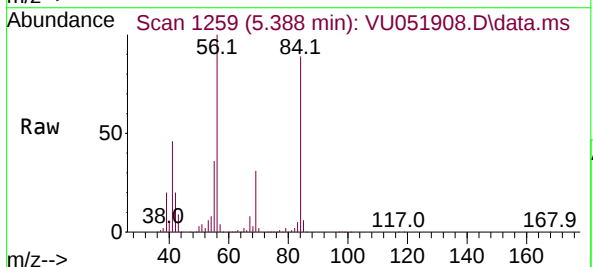
Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

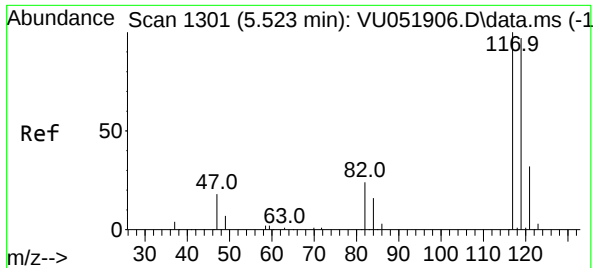
Tgt Ion: 97 Resp: 624292
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 45.1 36.9 55.3



#30
Cyclohexane
Concen: 22.452 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion: 56 Resp: 681687
Ion Ratio Lower Upper
56 100
69 31.2 25.6 38.4
84 88.1 72.0 108.0

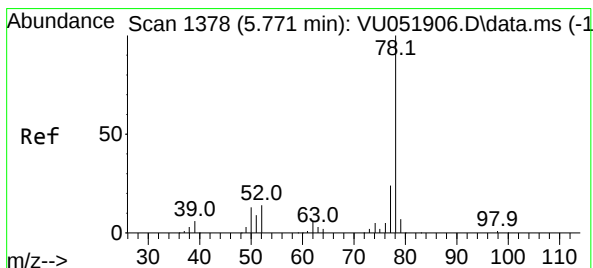
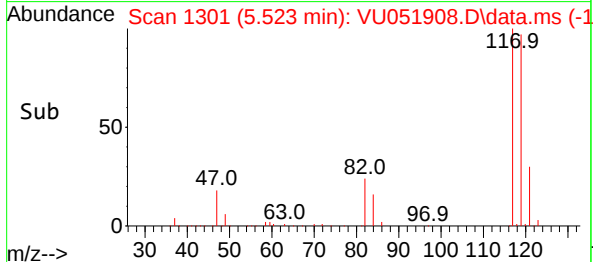
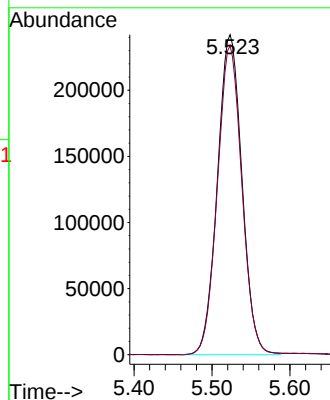
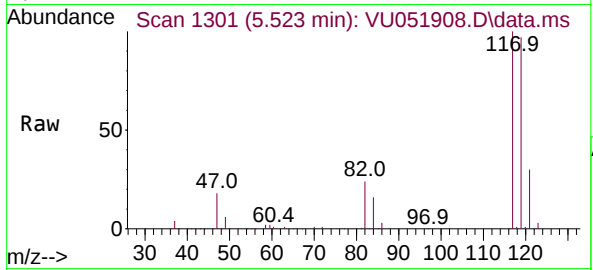




#31
Carbon tetrachloride
Concen: 19.895 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

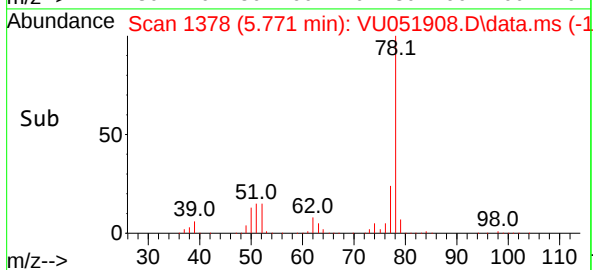
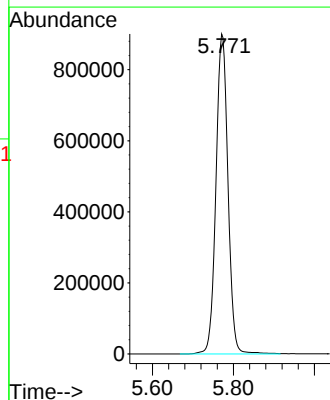
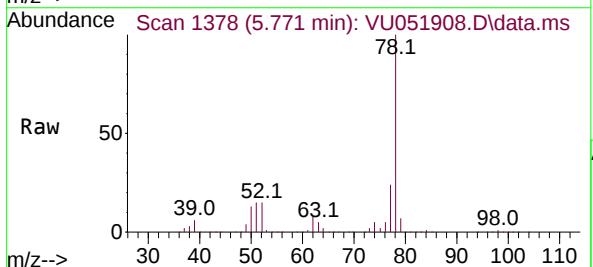
Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

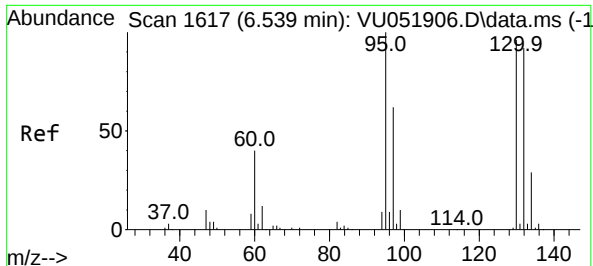
Tgt Ion:117 Resp: 528586
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8



#33
Benzene
Concen: 20.213 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion: 78 Resp: 1854006



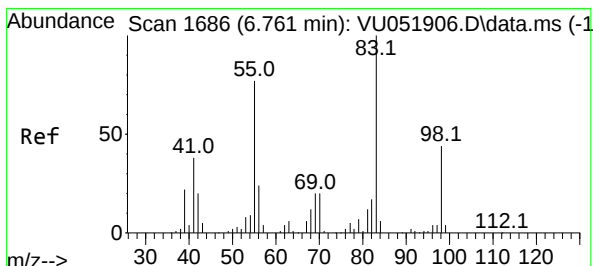
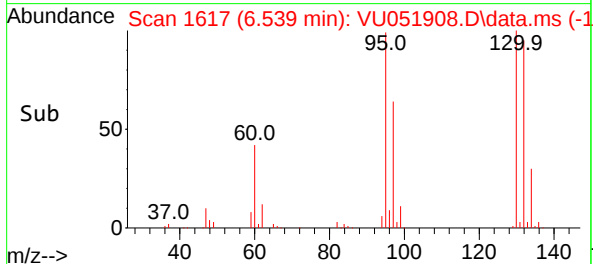
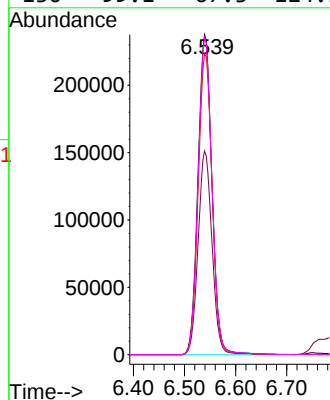
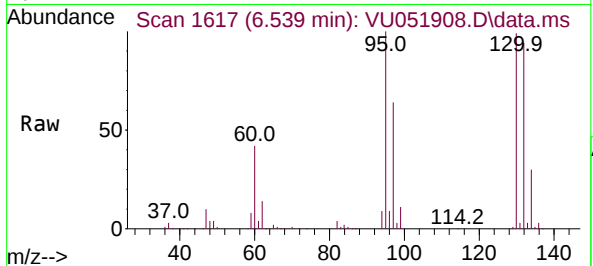


#34
Trichloroethene
Concen: 19.750 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

Tgt Ion: 95 Resp: 451831

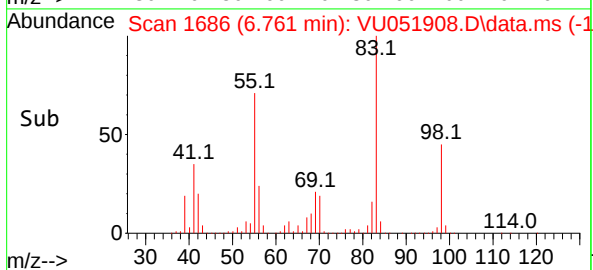
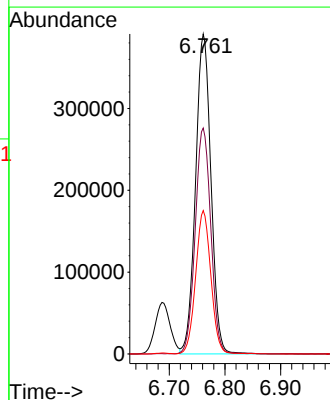
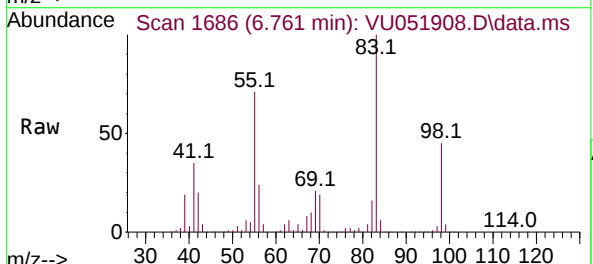
Ion	Ratio	Lower	Upper
95	100		
97	63.6	43.7	81.1
132	94.0	64.3	119.3
130	99.1	67.3	124.9

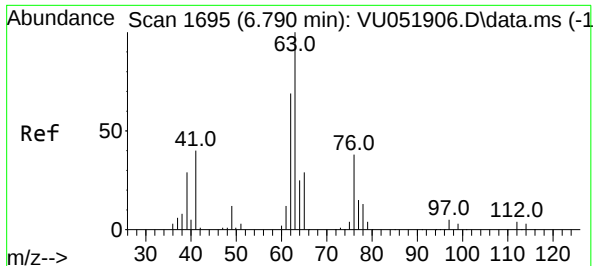


#35
Methylcyclohexane
Concen: 22.841 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion: 83 Resp: 751711

Ion	Ratio	Lower	Upper
83	100		
55	71.6	60.8	91.2
98	44.1	35.1	52.7





#37

1,2-Dichloropropane

Concen: 20.050 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051908.D

Acq: 18 Nov 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

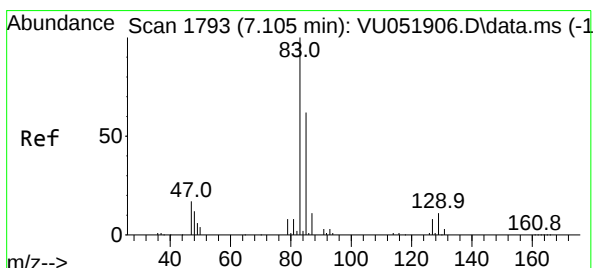
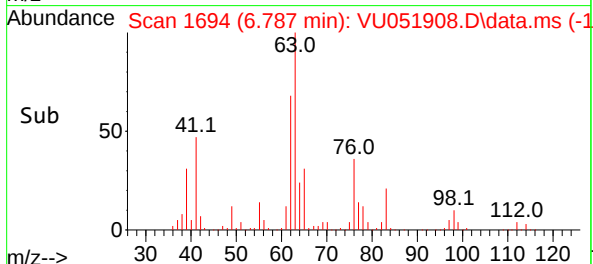
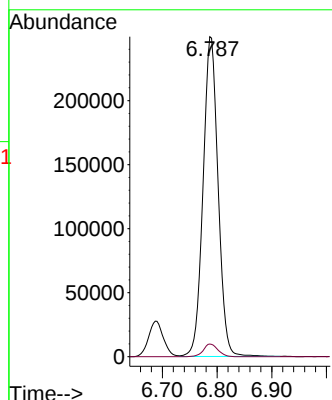
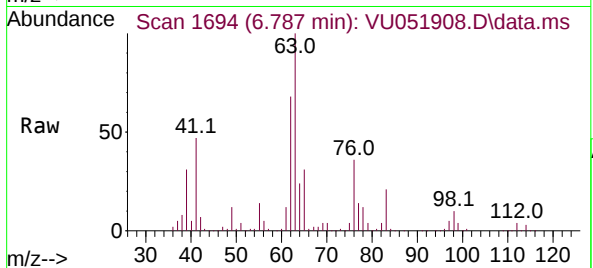
VSTD020072

Tgt Ion: 63 Resp: 476151

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 19.588 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051908.D

Acq: 18 Nov 2022 16:23

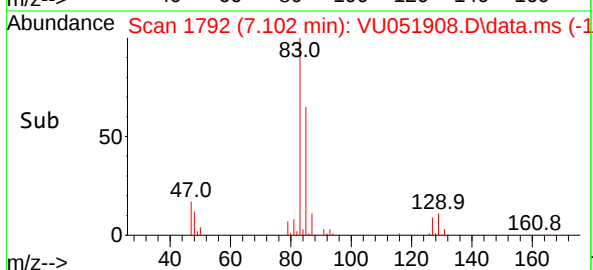
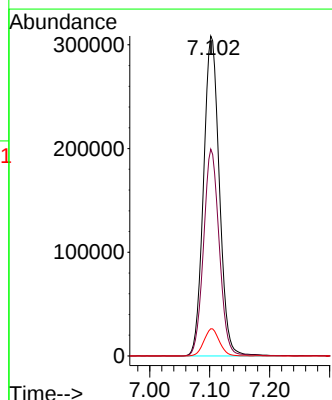
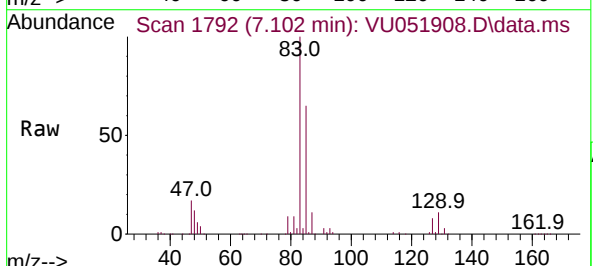
Tgt Ion: 83 Resp: 567139

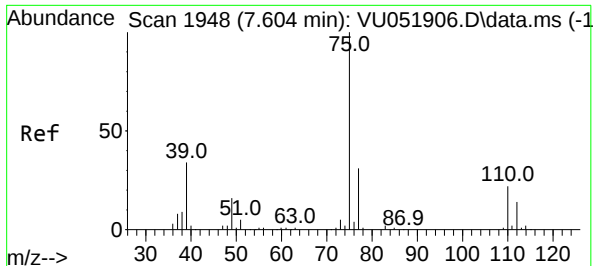
Ion Ratio Lower Upper

83 100

85 64.7 43.5 80.9

127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 22.290 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU051908.D

Acq: 18 Nov 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

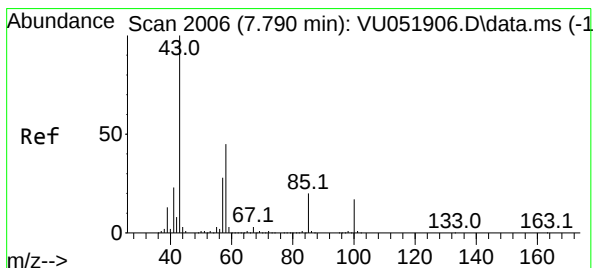
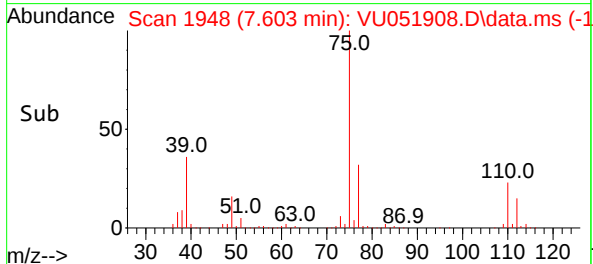
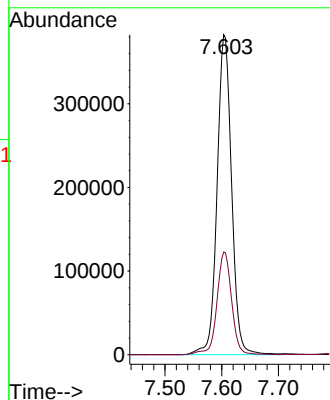
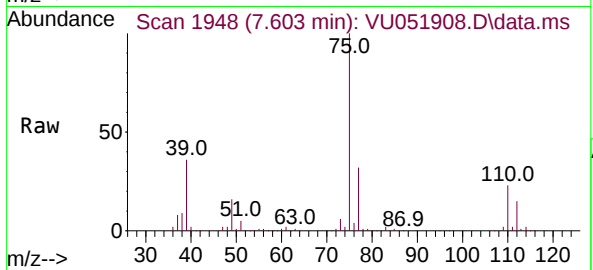
VSTD020072

Tgt Ion: 75 Resp: 679654

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 224.113 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051908.D

Acq: 18 Nov 2022 16:23

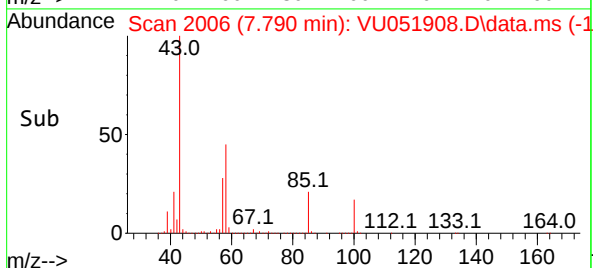
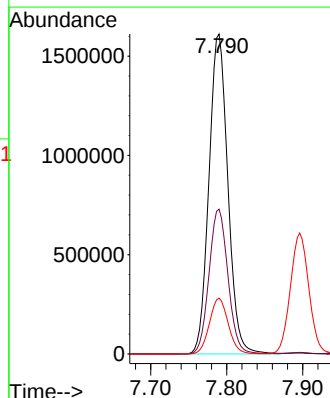
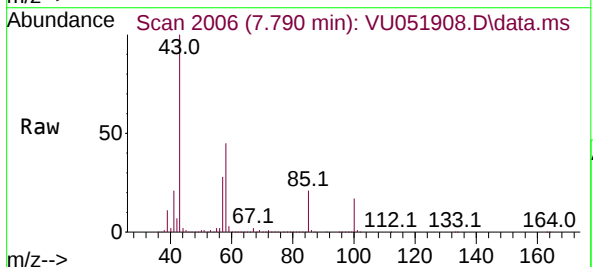
Tgt Ion: 43 Resp: 2780161

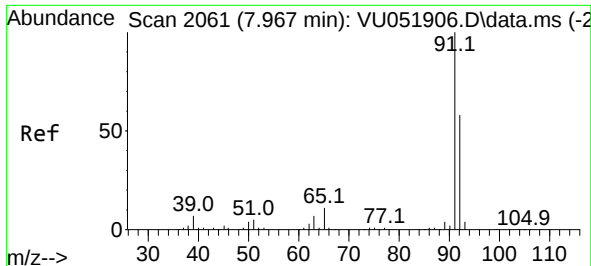
Ion Ratio Lower Upper

43 100

58 45.5 35.3 52.9

100 17.4 13.6 20.4





#42

Toluene

Concen: 21.160 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051908.D

Acq: 18 Nov 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

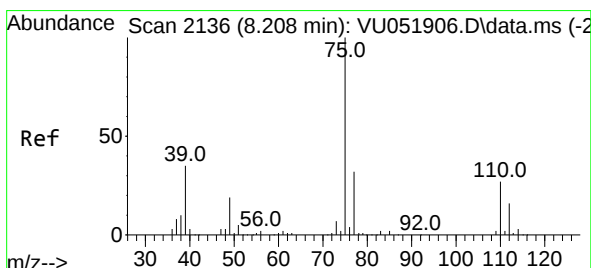
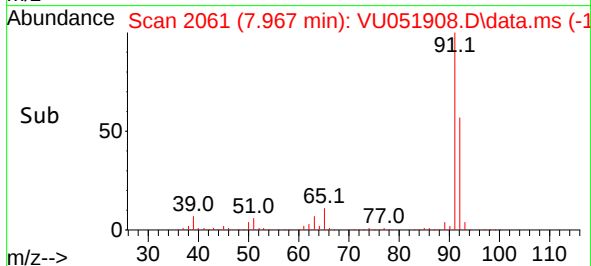
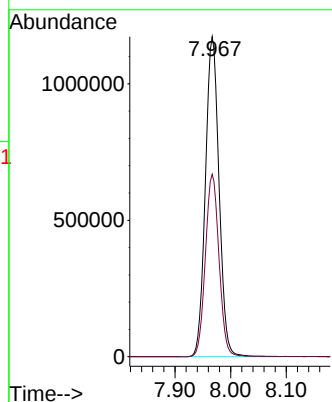
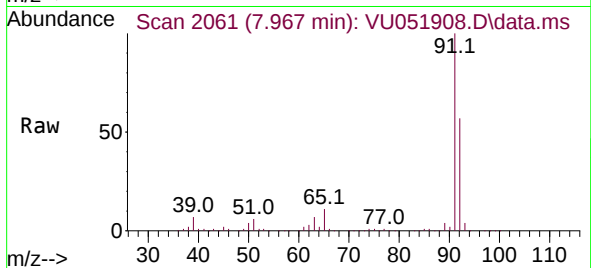
VSTD020072

Tgt Ion: 91 Resp: 1996438

Ion Ratio Lower Upper

91 100

92 57.0 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 21.711 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051908.D

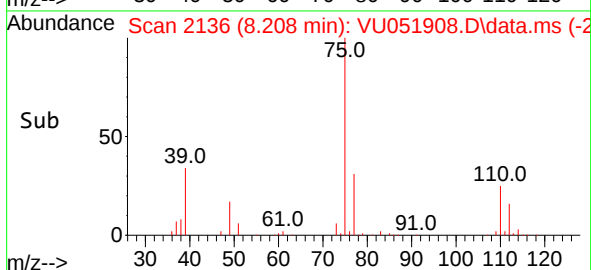
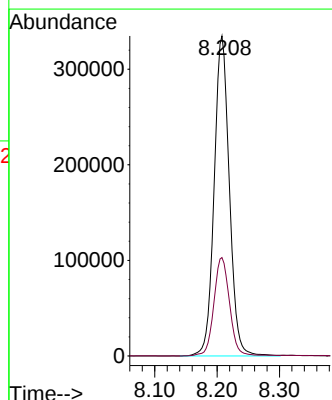
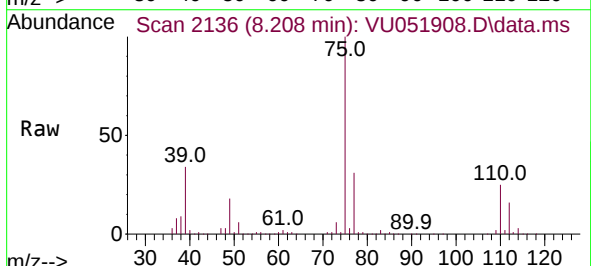
Acq: 18 Nov 2022 16:23

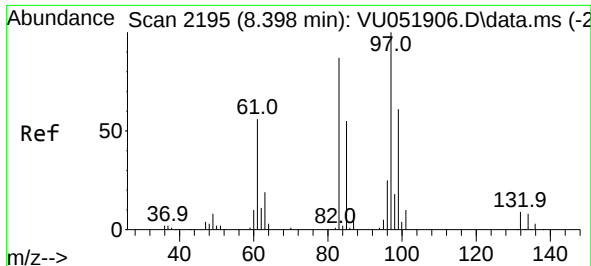
Tgt Ion: 75 Resp: 566884

Ion Ratio Lower Upper

75 100

77 30.7 22.6 42.0



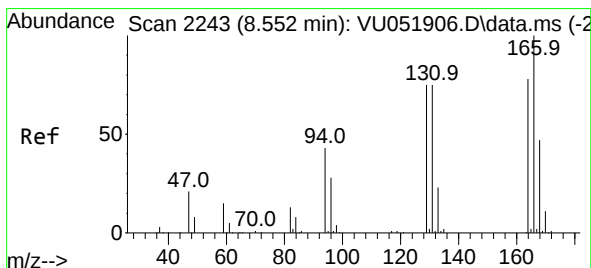
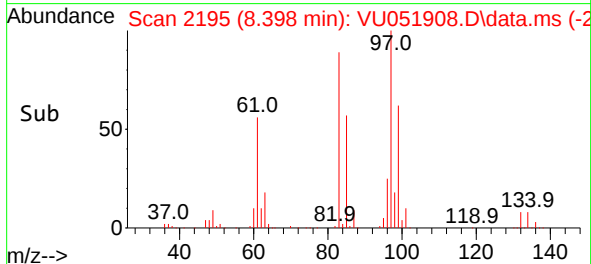
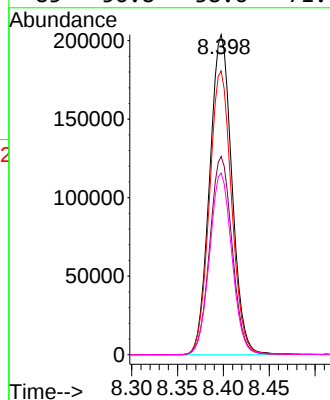
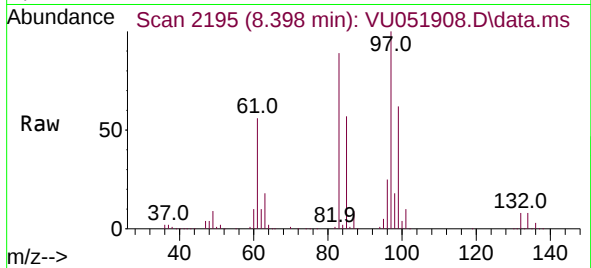


#45
1,1,2-Trichloroethane
Concen: 19.321 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

Tgt Ion: 97 Resp: 344812

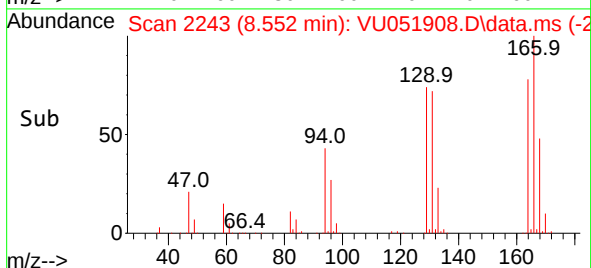
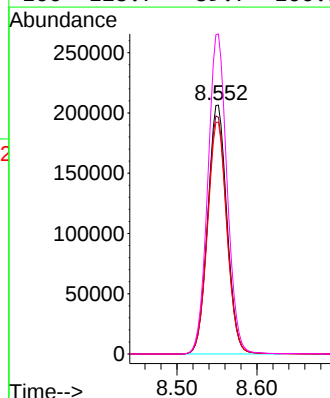
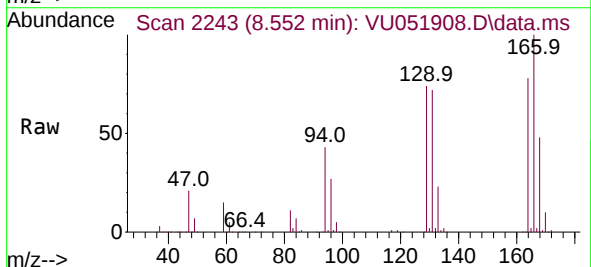
Ion	Ratio	Lower	Upper
97	100		
99	62.0	42.6	79.2
83	88.6	60.7	112.7
85	56.8	38.6	71.6

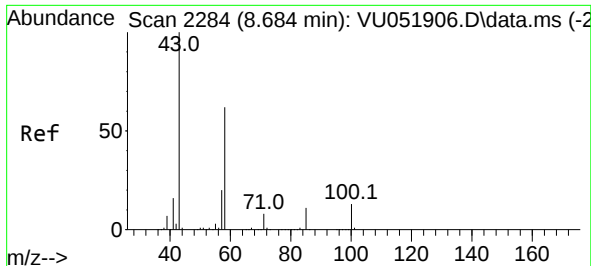


#47
Tetrachloroethene
Concen: 19.728 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion: 164 Resp: 345894

Ion	Ratio	Lower	Upper
164	100		
129	95.1	67.4	125.2
131	93.2	67.1	124.7
166	128.7	89.7	166.5



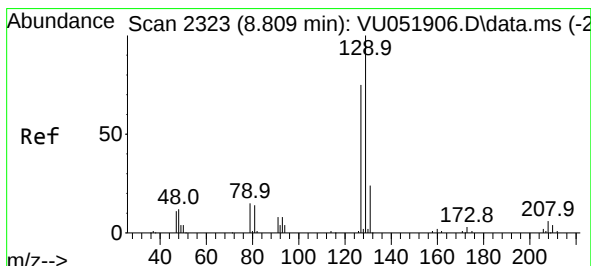
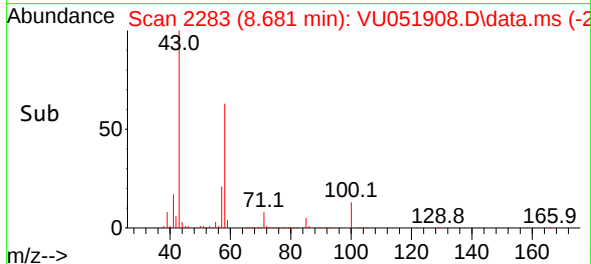
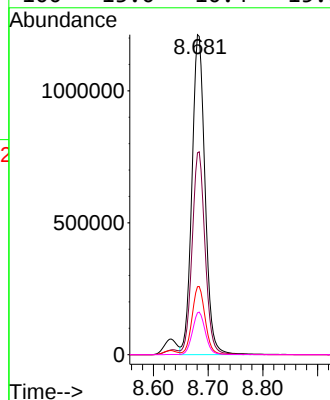
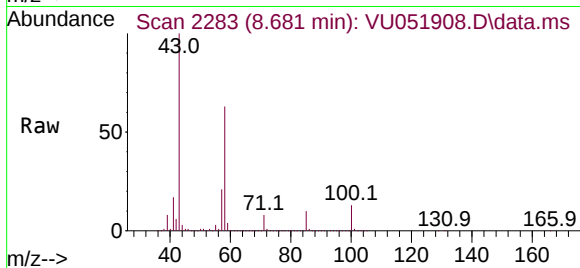


#48
2-Hexanone
Concen: 220.047 ug/L
RT: 8.681 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

Tgt Ion: 43 Resp: 2011286

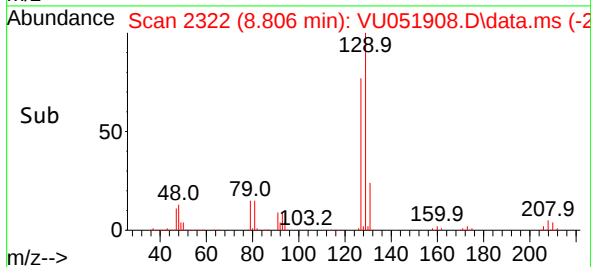
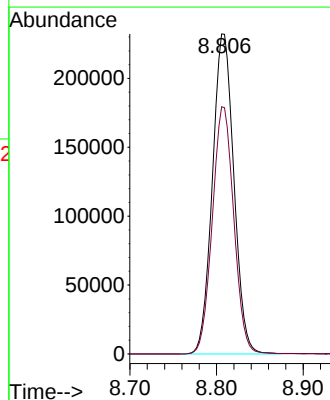
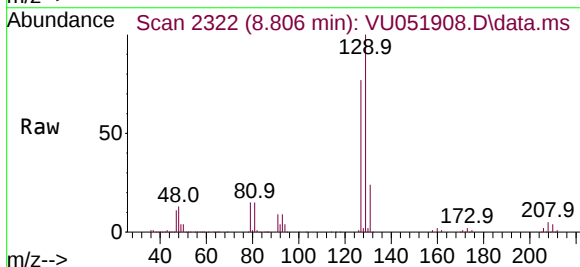
Ion	Ratio	Lower	Upper
43	100		
58	62.7	49.4	74.0
57	21.4	16.3	24.5
100	13.0	10.4	15.6

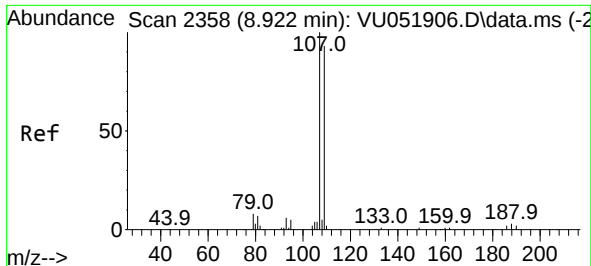


#49
Dibromochloromethane
Concen: 20.018 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion: 129 Resp: 400109

Ion	Ratio	Lower	Upper
129	100		
127	77.2	52.8	98.2

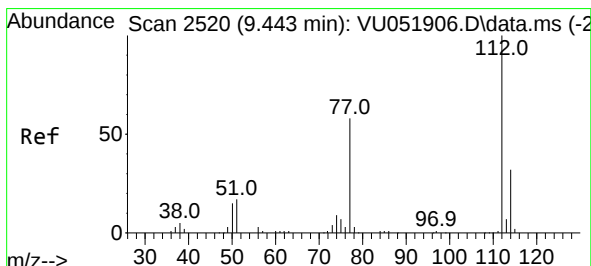
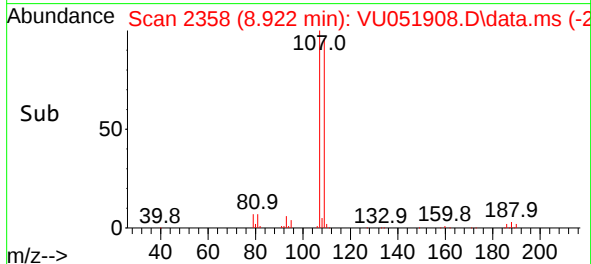
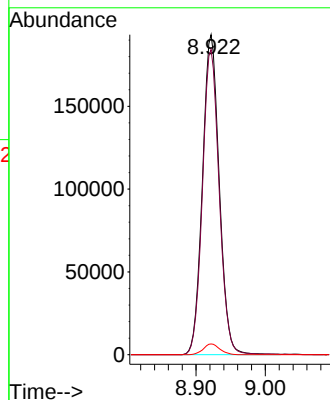
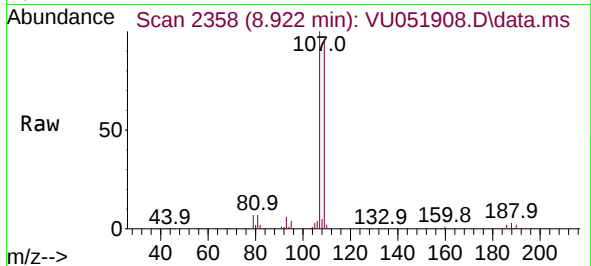




#50
1,2-Dibromoethane
Concen: 20.055 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

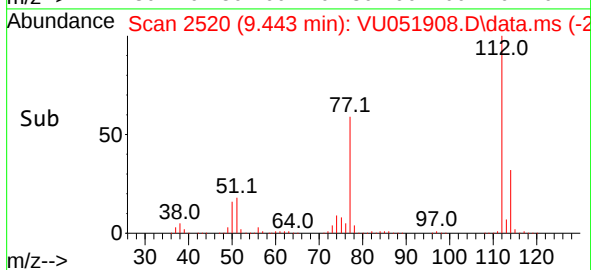
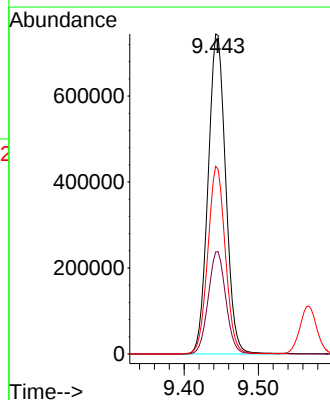
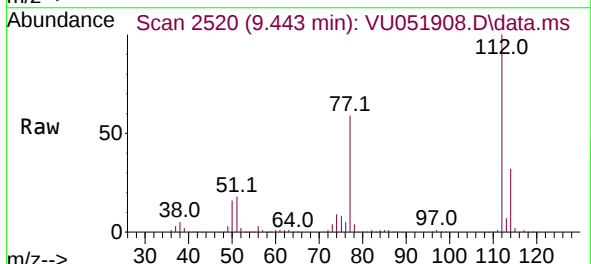
Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

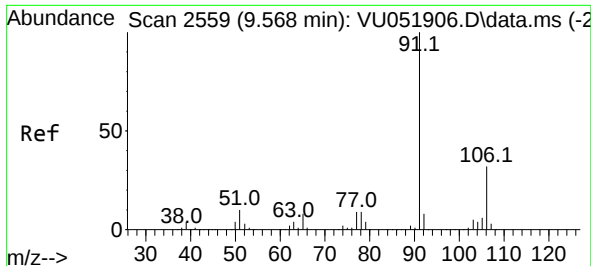
Tgt Ion:107 Resp: 326014
Ion Ratio Lower Upper
107 100
109 95.4 64.9 120.5
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 20.337 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion:112 Resp: 1223324
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 58.6 46.6 70.0

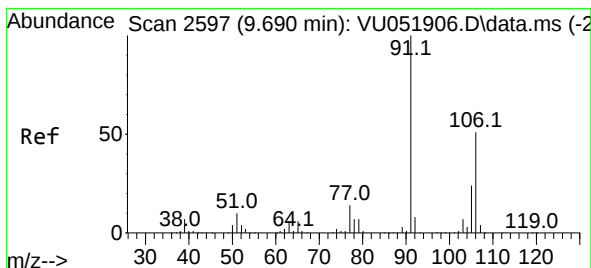
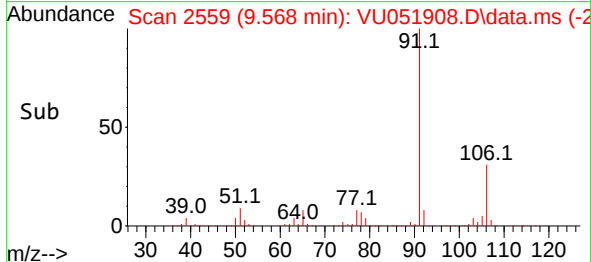
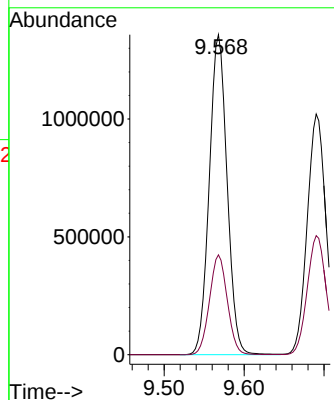
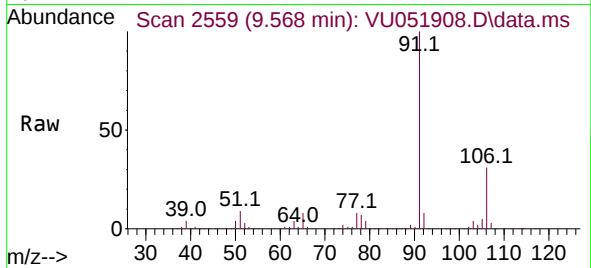




#52
Ethylbenzene
Concen: 22.902 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

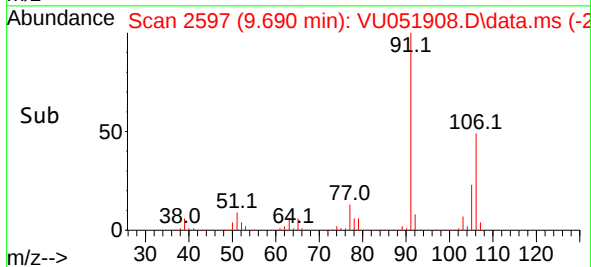
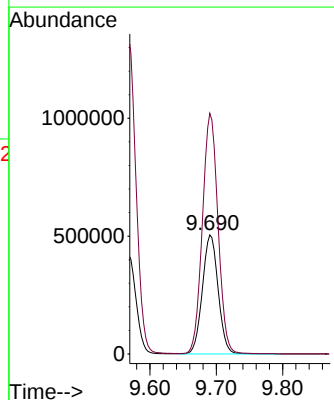
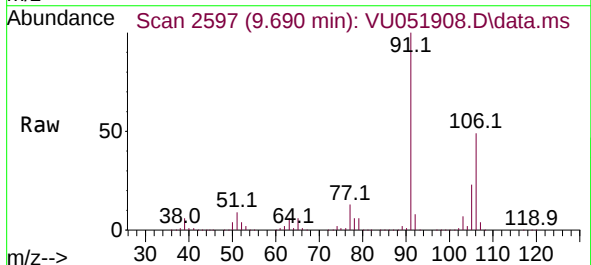
Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

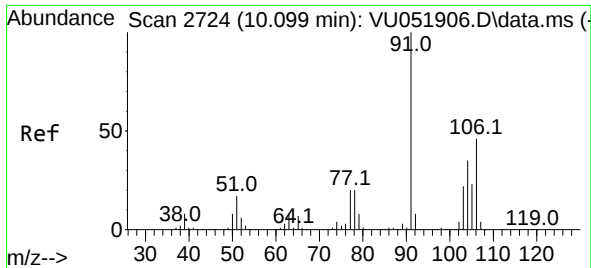
Tgt Ion: 91 Resp: 2100706
Ion Ratio Lower Upper
91 100
106 31.2 22.3 41.3



#53
m,p-Xylene
Concen: 23.424 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion: 106 Resp: 831999
Ion Ratio Lower Upper
106 100
91 202.1 137.7 255.7

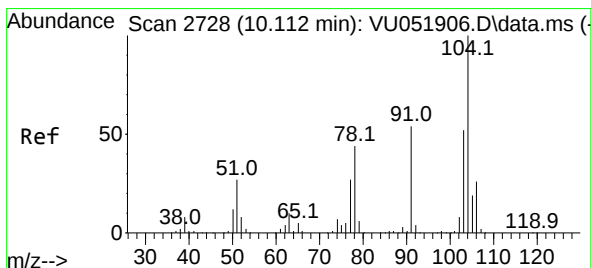
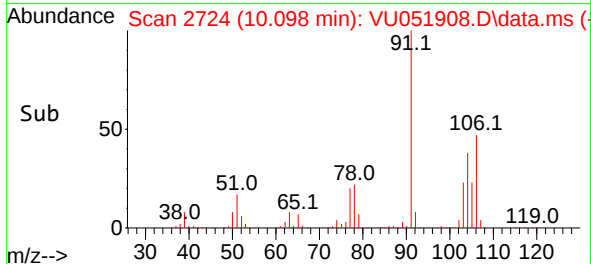
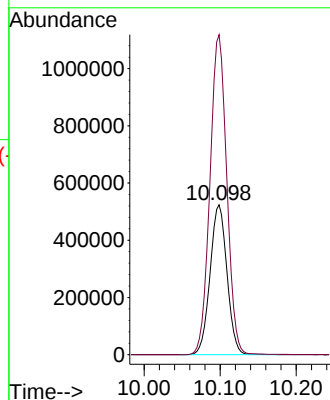
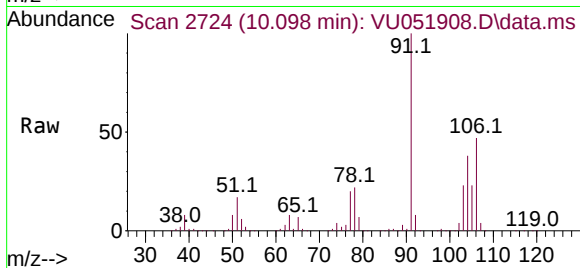




#54
o-Xylene
Concen: 23.732 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

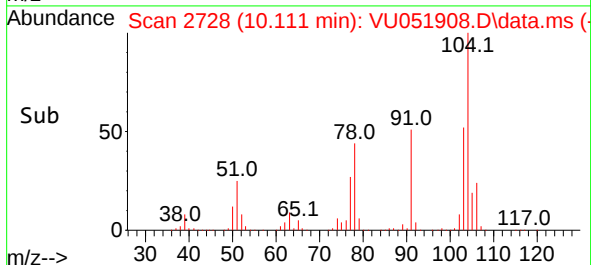
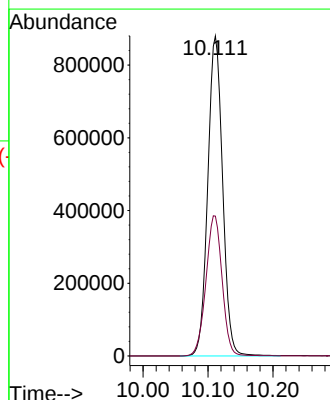
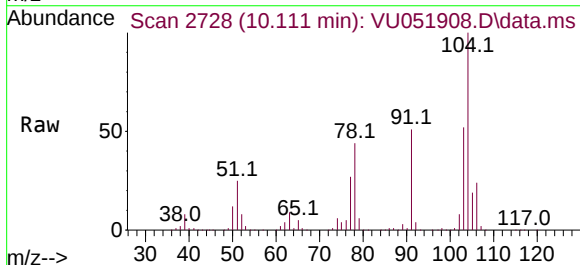
Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

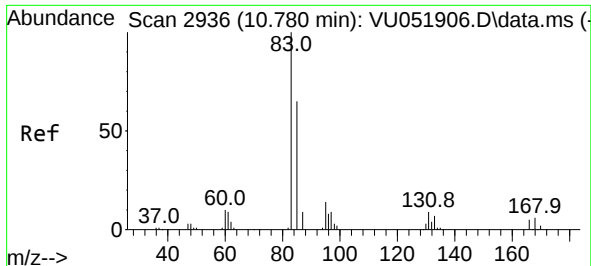
Tgt Ion:106 Resp: 807872
Ion Ratio Lower Upper
106 100
91 213.5 151.5 281.5



#55
Styrene
Concen: 24.347 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion:104 Resp: 1399886
Ion Ratio Lower Upper
104 100
78 43.7 30.6 56.8

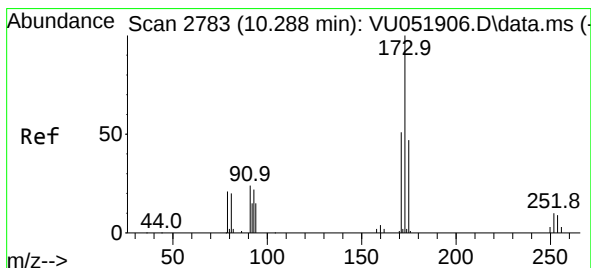
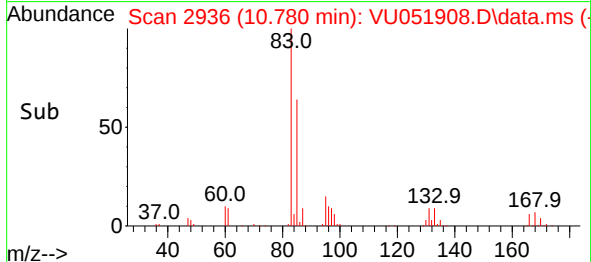
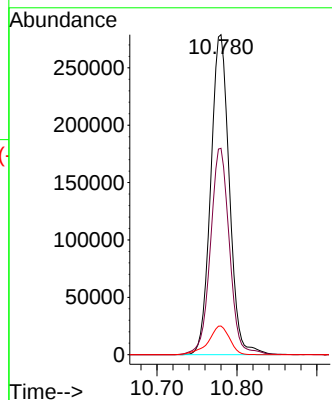
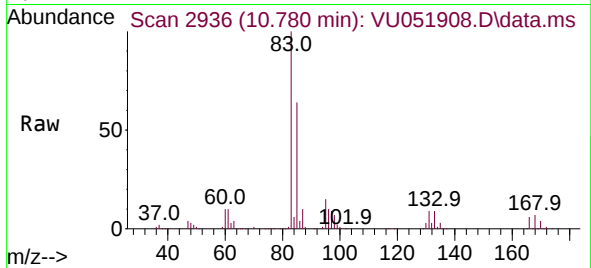




#57
1,1,2,2-Tetrachloroethane
Concen: 20.207 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

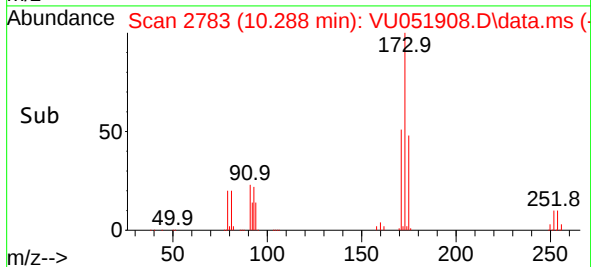
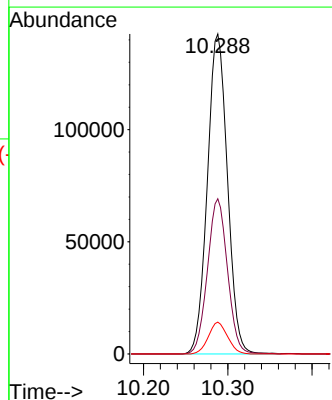
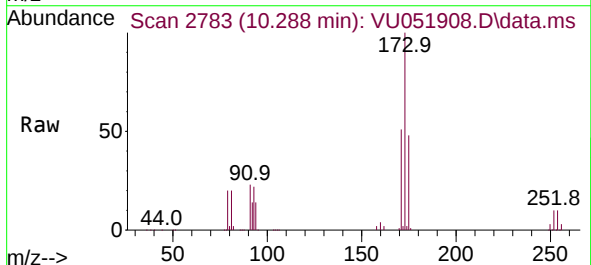
Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

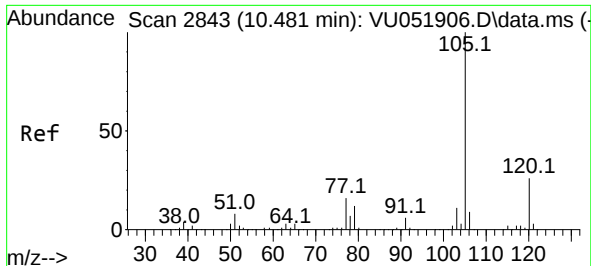
Tgt Ion: 83 Resp: 450408
Ion Ratio Lower Upper
83 100
85 64.5 45.7 84.9
131 9.0 7.6 11.4



#59
Bromoform
Concen: 19.051 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion:173 Resp: 236197
Ion Ratio Lower Upper
173 100
175 48.4 37.2 55.8
254 9.5 7.0 10.6

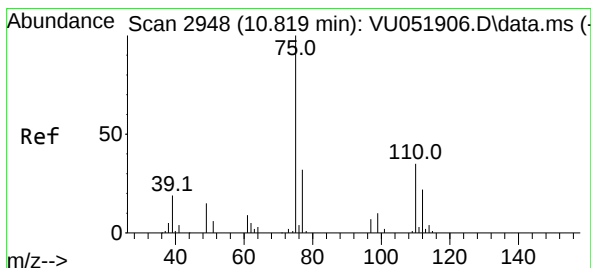
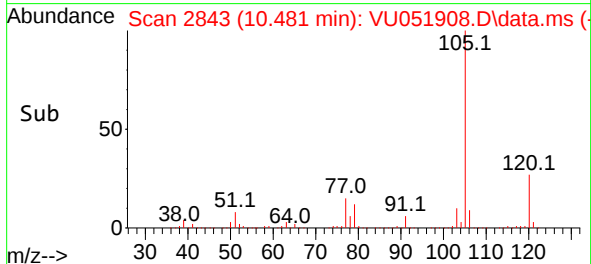
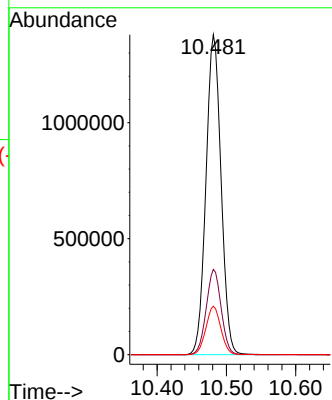
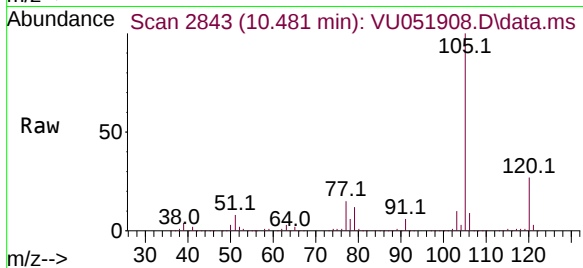




#60
Isopropylbenzene
Concen: 21.970 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

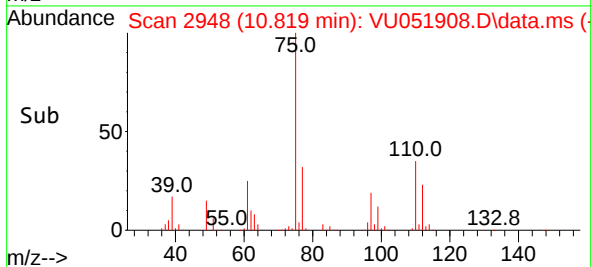
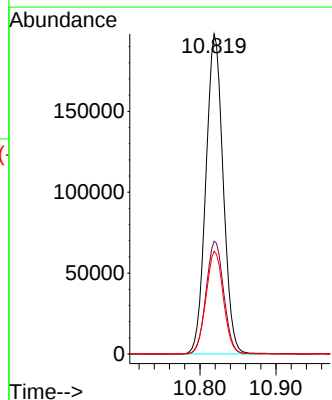
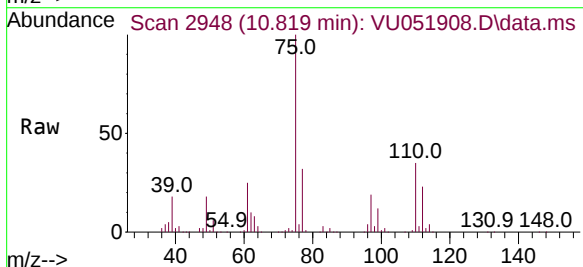
Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

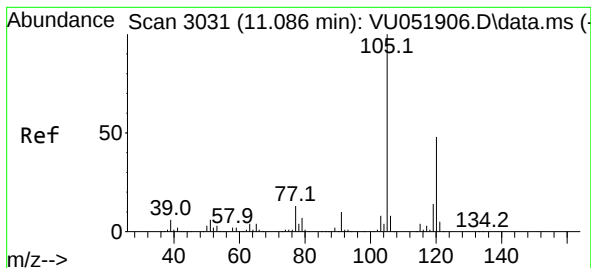
Tgt Ion:105 Resp: 2077265
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 15.1 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 18.129 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion: 75 Resp: 312324
Ion Ratio Lower Upper
75 100
110 35.8 28.3 42.5
77 32.5 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 23.893 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051908.D

Acq: 18 Nov 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

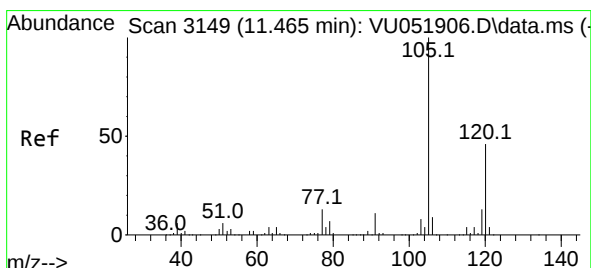
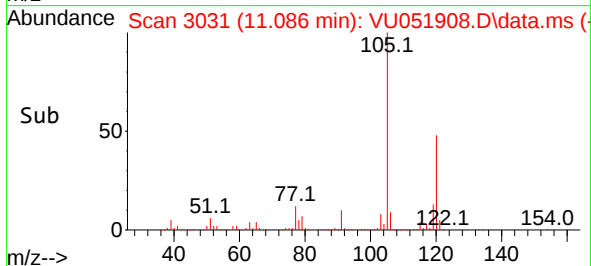
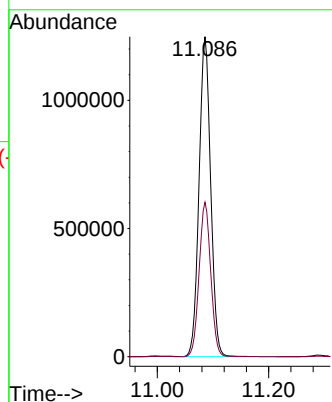
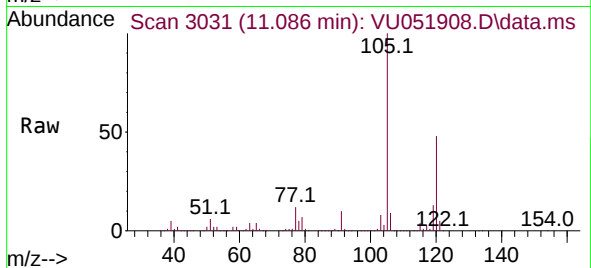
VSTD020072

Tgt Ion:105 Resp: 1805981

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 24.156 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU051908.D

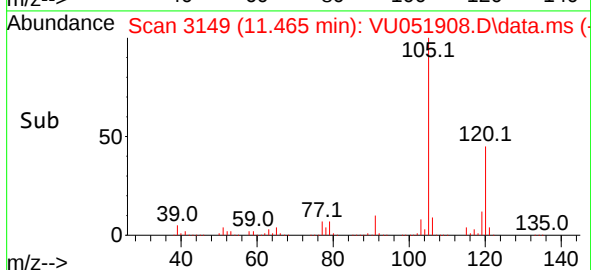
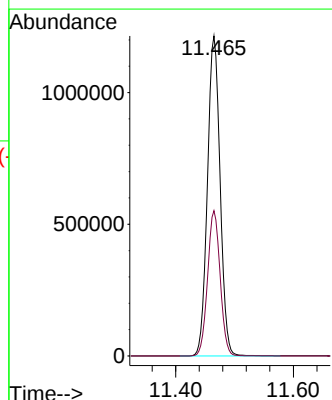
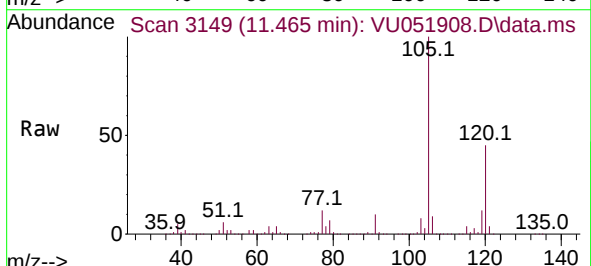
Acq: 18 Nov 2022 16:23

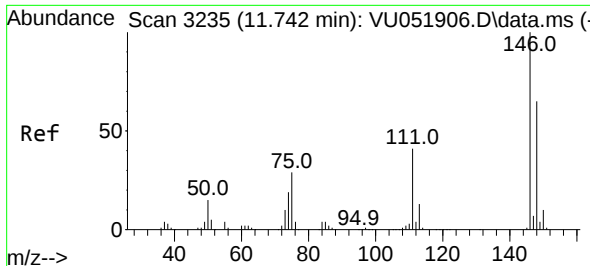
Tgt Ion:105 Resp: 1812384

Ion Ratio Lower Upper

105 100

120 45.0 36.6 55.0

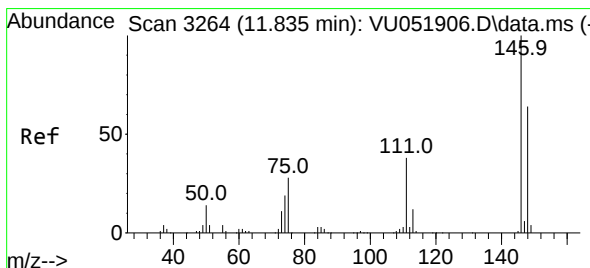
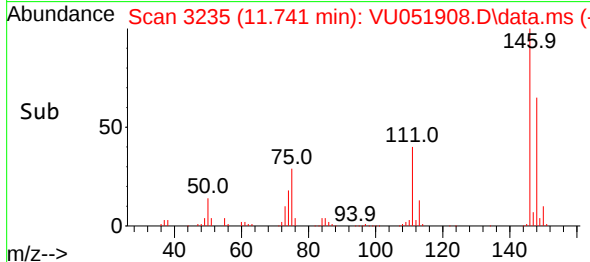
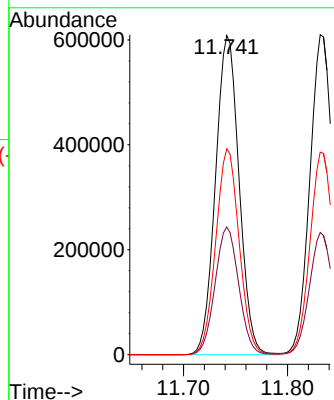
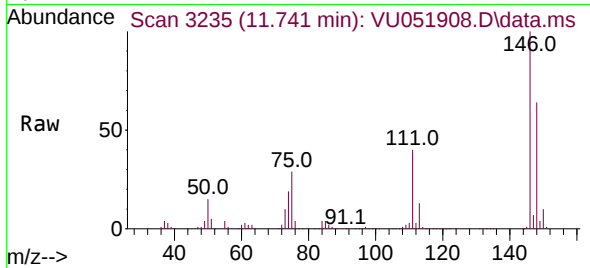




#64
 1,3-Dichlorobenzene
 Concen: 19.878 ug/L
 RT: 11.741 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051908.D
 Acq: 18 Nov 2022 16:23

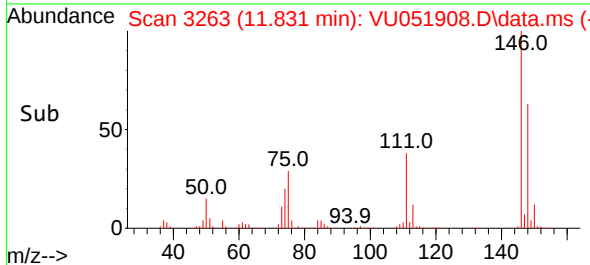
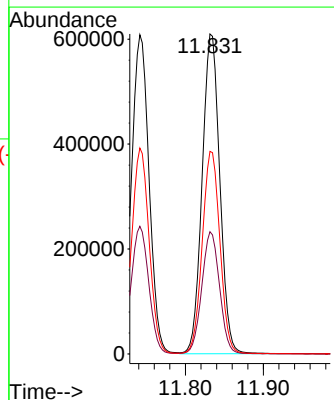
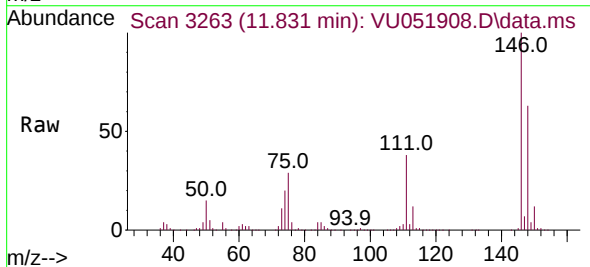
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020072

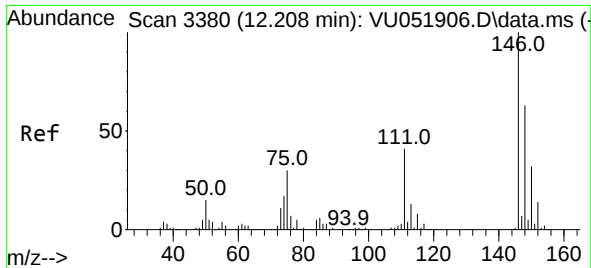
Tgt Ion:146 Resp: 959685
 Ion Ratio Lower Upper
 146 100
 111 40.0 28.6 53.2
 148 64.5 45.4 84.2



#65
 1,4-Dichlorobenzene
 Concen: 19.913 ug/L
 RT: 11.831 min Scan# 3263
 Delta R.T. -0.003 min
 Lab File: VU051908.D
 Acq: 18 Nov 2022 16:23

Tgt Ion:146 Resp: 958791
 Ion Ratio Lower Upper
 146 100
 111 38.2 26.9 50.1
 148 63.3 45.1 83.7

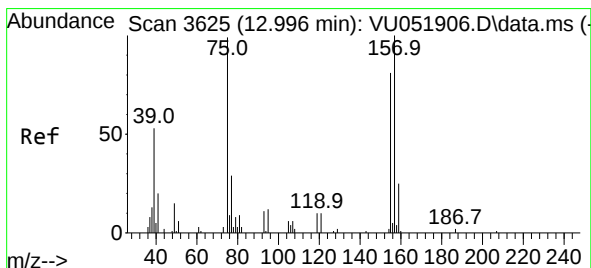
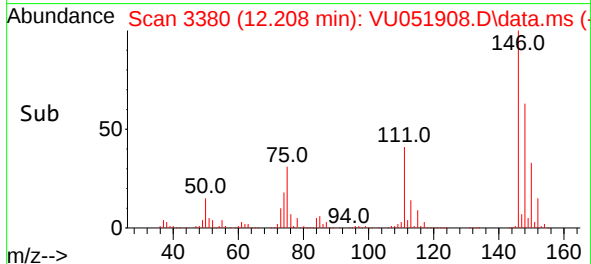
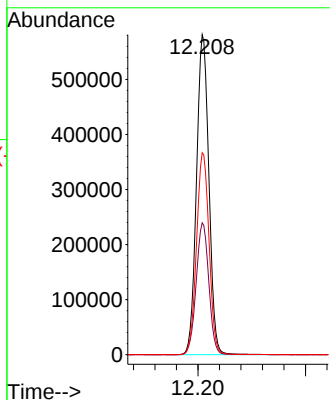
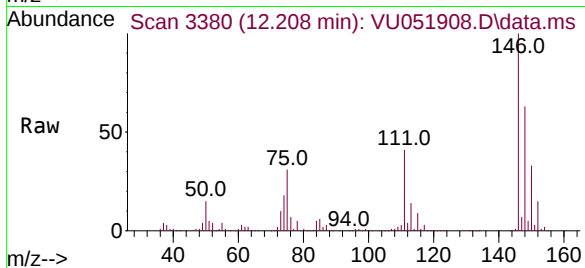




#67
1,2-Dichlorobenzene
Concen: 19.940 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

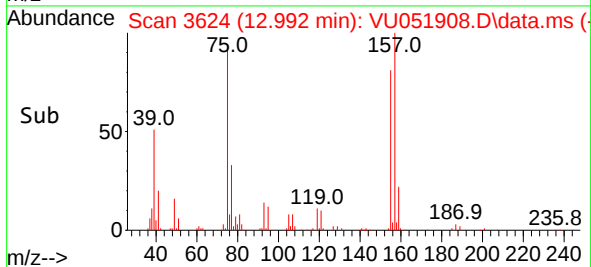
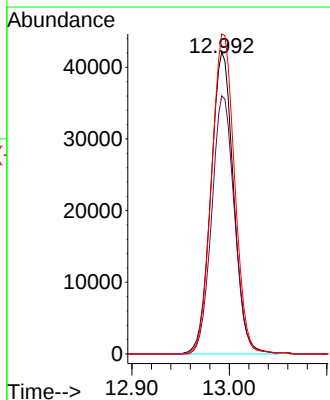
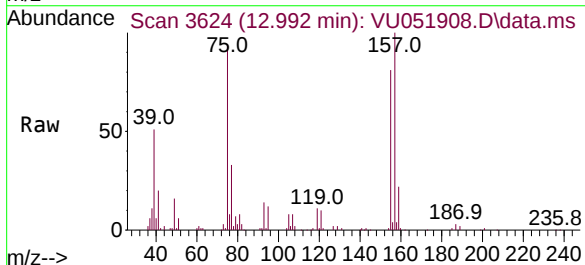
Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

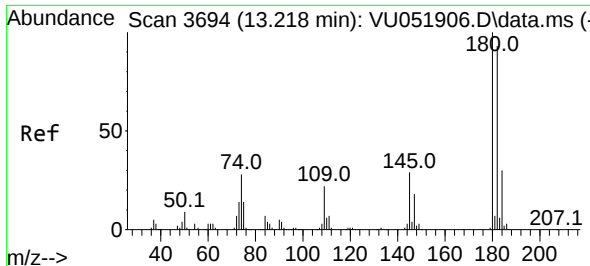
Tgt Ion:146 Resp: 927073
Ion Ratio Lower Upper
146 100
111 41.2 32.7 49.1
148 63.1 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 18.081 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion: 75 Resp: 68167
Ion Ratio Lower Upper
75 100
155 85.5 65.4 98.2
157 105.9 80.5 120.7

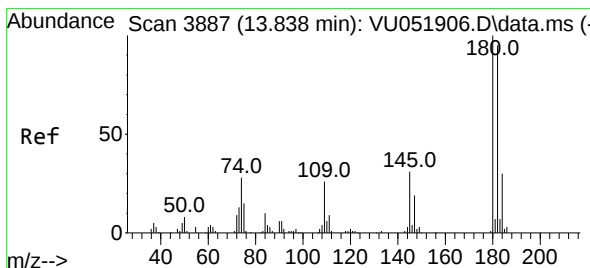
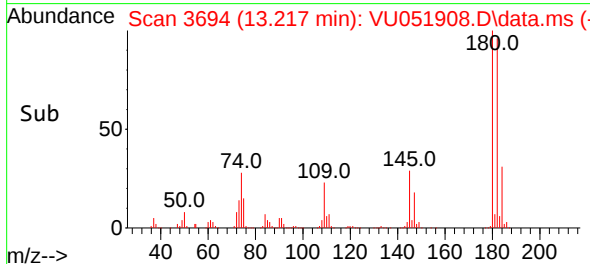
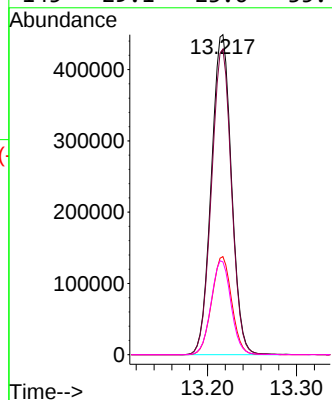
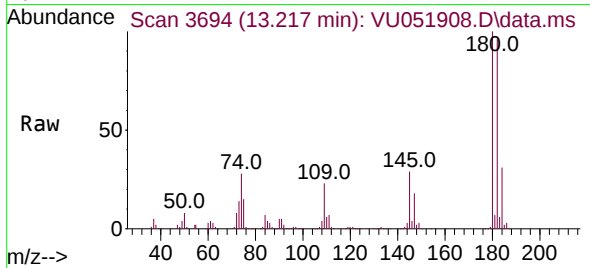




#69
 1,3,5-Trichlorobenzene
 Concen: 20.628 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU051908.D
 Acq: 18 Nov 2022 16:23

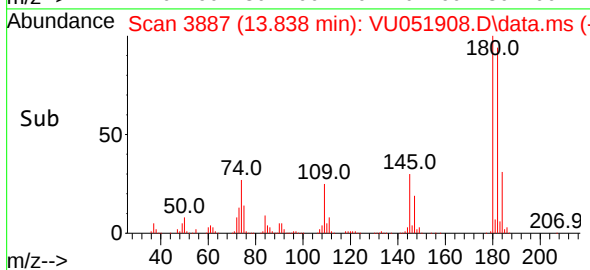
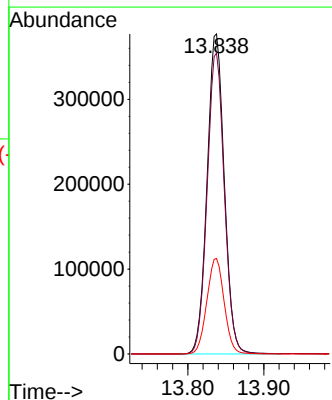
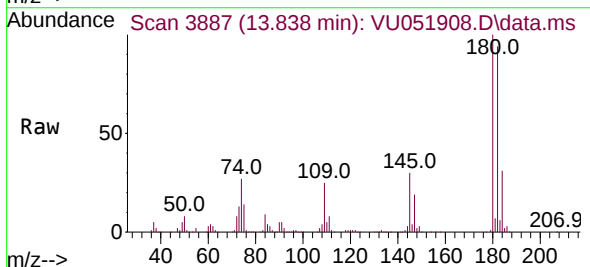
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020072

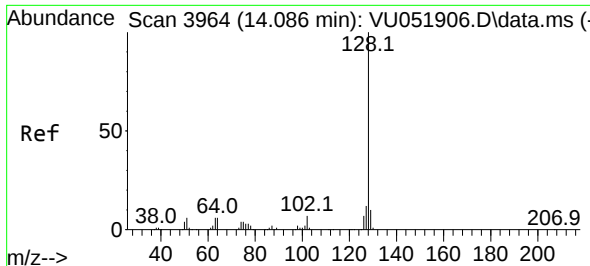
Tgt Ion:180 Resp: 706199
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.7 113.5
 184 30.4 24.3 36.5
 145 29.1 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 22.760 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051908.D
 Acq: 18 Nov 2022 16:23

Tgt Ion:180 Resp: 593365
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.3 114.5
 145 30.0 24.6 36.8

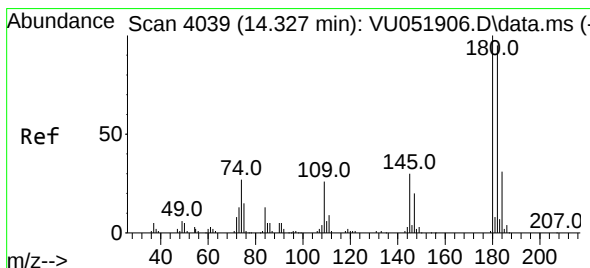
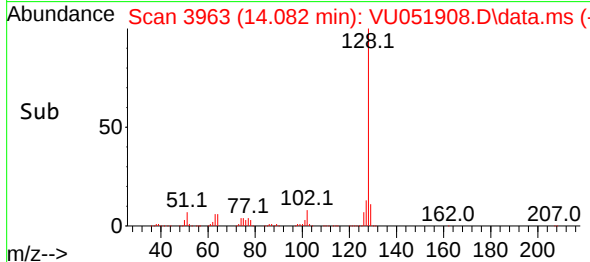
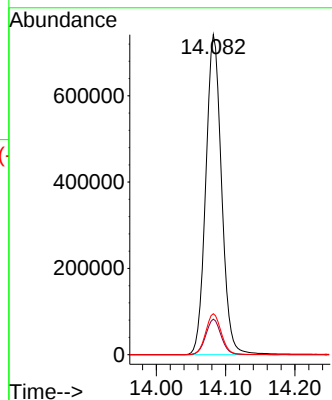
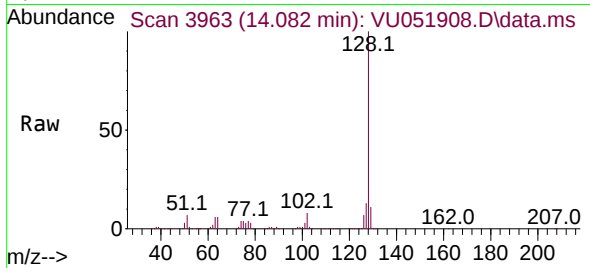




#71
Naphthalene
Concen: 23.929 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD020072

Tgt Ion:128 Resp: 1171223
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 22.146 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051908.D
Acq: 18 Nov 2022 16:23

Tgt Ion:180 Resp: 568028
Ion Ratio Lower Upper
180 100
182 95.1 75.7 113.5
145 32.4 24.5 36.7

