

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051904.D
 Acq On : 18 Nov 2022 14:41
 Operator : JC/MD
 Sample : VSTD0.568
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5068

Quant Time: Nov 18 21:59:48 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	6.250	114	231615	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	95590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	10259	0.455	ug/L	0.00
7) Chloroethane-d5	1.916	69	8176	0.467	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	3901	0.483	ug/L	0.00
20) 2-Butanone-d5	4.655	46	16408	3.992	ug/L	0.02
24) Chloroform-d	5.067	84	15791	0.477	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	8916	0.533	ug/L	0.00
32) Benzene-d6	5.729	84	30165	0.443	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	9823	0.466	ug/L	0.00
41) Toluene-d8	7.899	98	26070	0.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3441	0.448	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	9895	3.037	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	8796	0.481	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	9644	0.527	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	10270	0.511	ug/L	100
3) Chloromethane	1.523	50	14085	0.537	ug/L	99
5) Vinyl chloride	1.604	62	12553	0.498	ug/L	99
6) Bromomethane	1.858	94	6779	0.524	ug/L	99
8) Chloroethane	1.935	64	8031	0.513	ug/L	98
9) Trichlorofluoromethane	2.137	101	15001	0.541	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	8876	0.524	ug/L	99
12) 1,1-Dichloroethene	2.581	96	8628	0.514	ug/L	88
13) Acetone	2.649	43	13589	4.900	ug/L	99
14) Carbon disulfide	2.793	76	30312	0.521	ug/L	99
15) Methyl Acetate	2.967	43	3105	0.432	ug/L #	80
16) Methylene chloride	3.044	84	14783	0.650	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	17918	0.476	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	9047	0.502	ug/L	86
19) 1,1-Dichloroethane	3.870	63	17007	0.524	ug/L	98
21) 2-Butanone	4.729	43	17414	3.919	ug/L	84
22) cis-1,2-Dichloroethene	4.668	96	8971	0.475	ug/L	92
23) Bromochloromethane	4.980	128	4514	0.499	ug/L #	88
25) Chloroform	5.089	83	16609	0.505	ug/L	98
27) 1,2-Dichloroethane	5.800	62	10472	0.520	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	12835	0.504	ug/L	98
30) Cyclohexane	5.388	56	10844	0.438	ug/L	94
31) Carbon tetrachloride	5.523	117	10334	0.477	ug/L	99
33) Benzene	5.774	78	34979	0.468	ug/L	100
34) Trichloroethene	6.542	95	9698	0.520	ug/L	96
35) Methylcyclohexane	6.761	83	11541	0.430	ug/L	99
37) 1,2-Dichloropropane	6.793	63	9579	0.495	ug/L #	93
38) Bromodichloromethane	7.105	83	11787	0.500	ug/L	94
39) cis-1,3-Dichloropropene	7.607	75	10897	0.439	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	41503	4.107	ug/L	94
42) Toluene	7.970	91	33987	0.442	ug/L	92
44) trans-1,3-Dichloropropene	8.211	75	9445	0.444	ug/L	88

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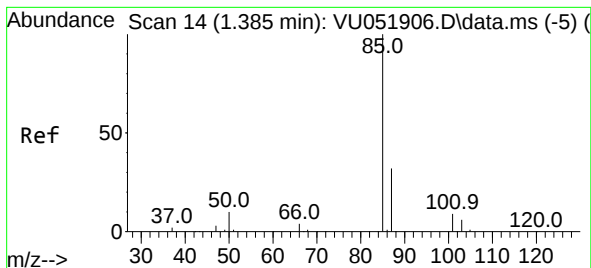
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5068

Quant Time: Nov 18 21:59:48 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	8.401	97	7480	0.514	ug/L	98
47) Tetrachloroethene	8.552	164	7167	0.502	ug/L	94
48) 2-Hexanone	8.687	43	28829	3.871	ug/L	90
49) Dibromochloromethane	8.809	129	8222	0.505	ug/L	96
50) 1,2-Dibromoethane	8.925	107	6322	0.477	ug/L	93
51) Chlorobenzene	9.446	112	24293	0.496	ug/L	96
52) Ethylbenzene	9.568	91	30666	0.410	ug/L	98
53) m,p-Xylene	9.693	106	11356	0.392	ug/L	96
54) o-Xylene	10.099	106	10548	0.380	ug/L	85
55) Styrene	10.115	104	16356	0.349	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	8600	0.474	ug/L #	91
59) Bromoform	10.288	173	4221	0.536	ug/L	91
60) Isopropylbenzene	10.484	105	26489	0.441	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	6018	0.550	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	19872	0.414	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	19062	0.400	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	16086	0.525	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	15611	0.511	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	15337	0.519	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	1516	0.633	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.221	180	11749	0.540	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	8589	0.519	ug/L	94
71) Naphthalene	14.089	128	17340	0.558	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	8281	0.508	ug/L	90

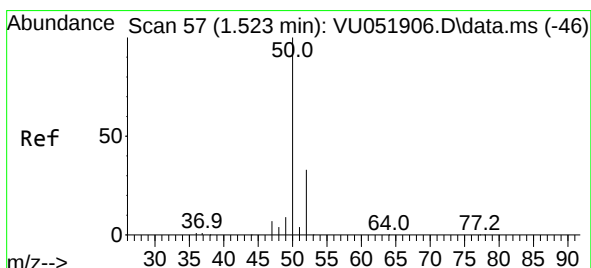
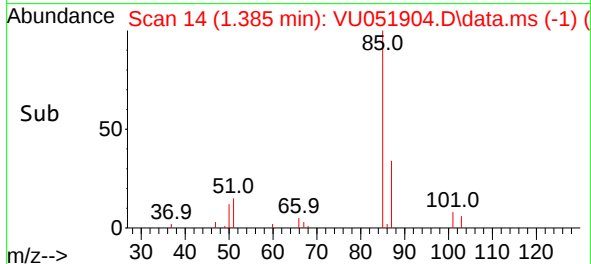
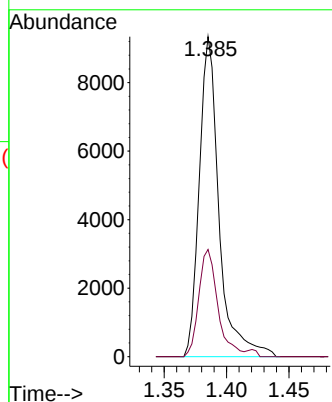
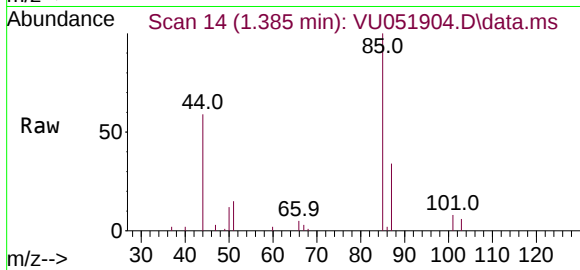
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#2
Dichlorodifluoromethane
Concen: 0.511 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051904.D
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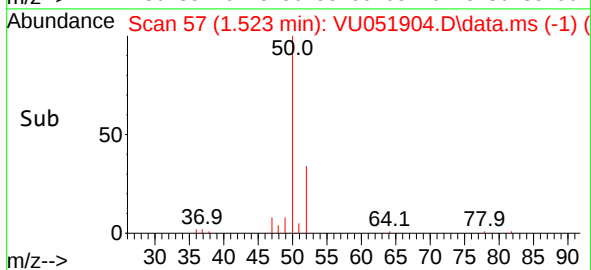
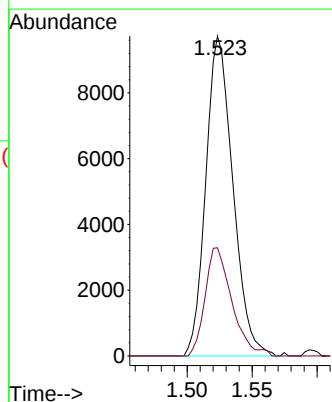
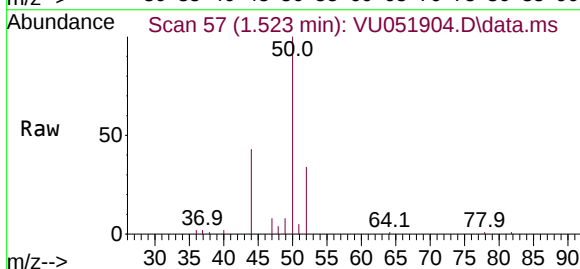
Instrument :
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ClientSampleId :
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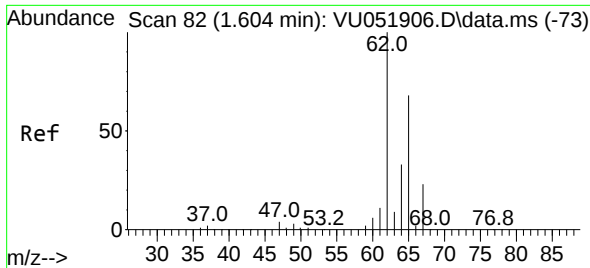
Tgt Ion: 85 Resp: 10270
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 0.537 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion: 50 Resp: 14085
Ion Ratio Lower Upper
50 100
52 33.8 23.4 43.4

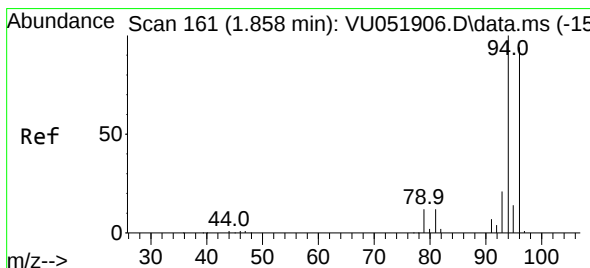
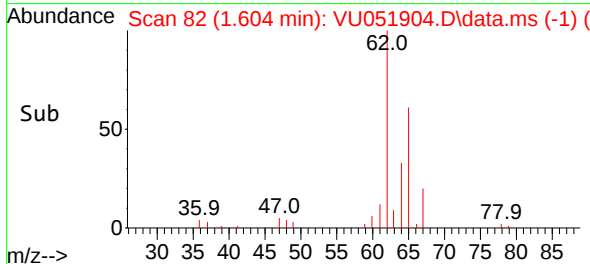
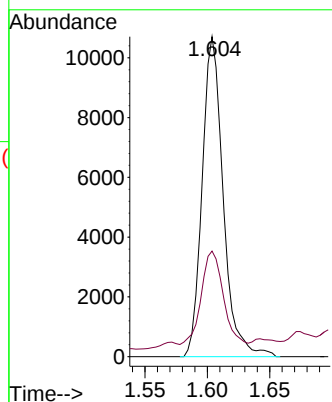
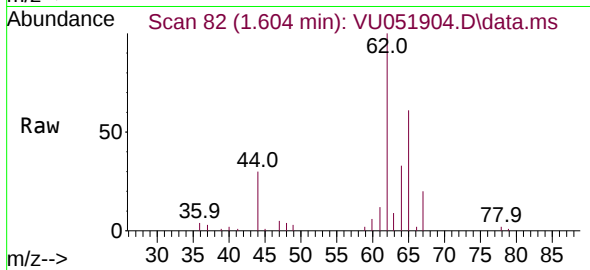




#5
 Vinyl chloride
 Concen: 0.498 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051904.D
 Acq: 18 Nov 2022 14:41

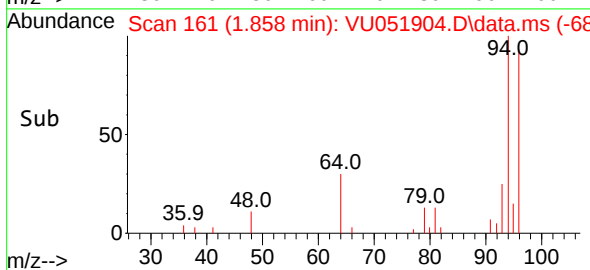
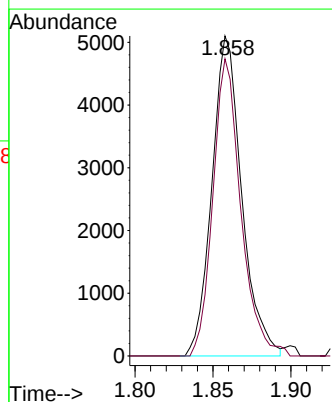
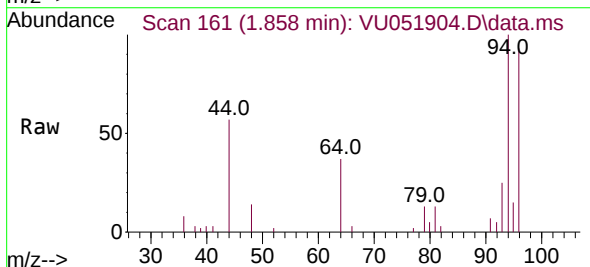
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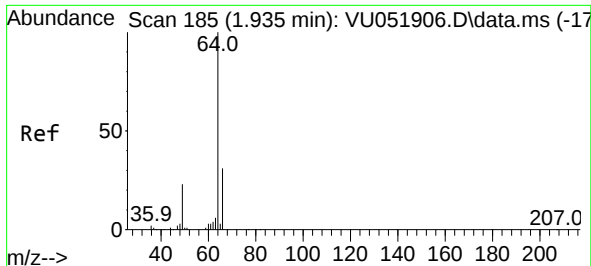
Tgt Ion: 62 Resp: 12553
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.5 43.7



#6
 Bromomethane
 Concen: 0.524 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU051904.D
 Acq: 18 Nov 2022 14:41

Tgt Ion: 94 Resp: 6779
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.7 122.1

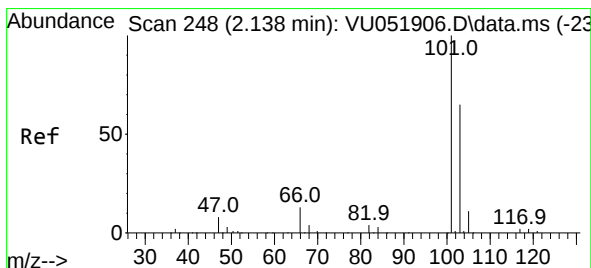
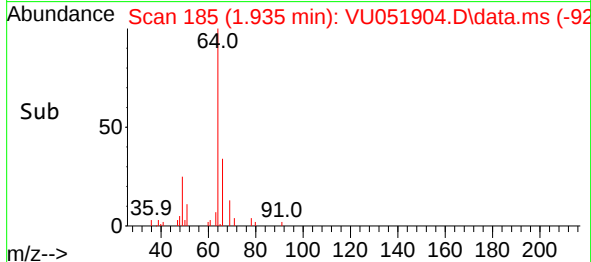
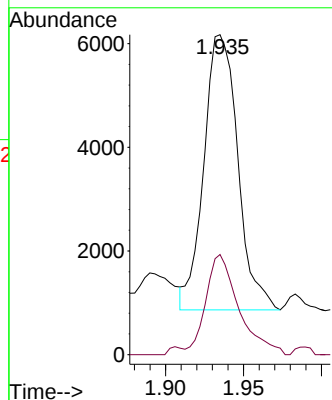
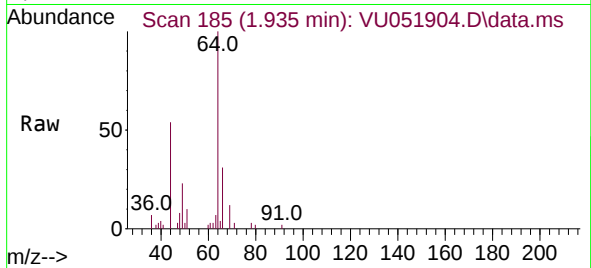




#8
Chloroethane
Concen: 0.513 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

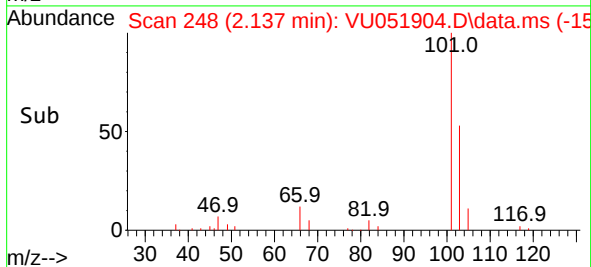
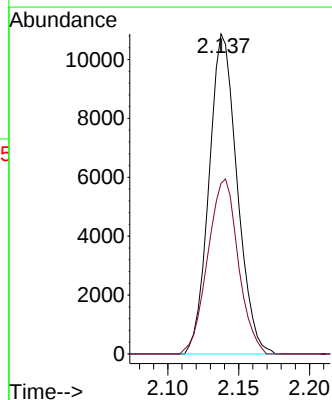
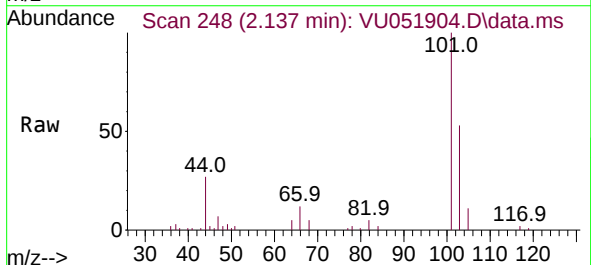
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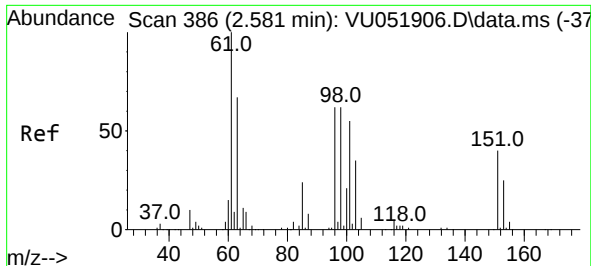
Tgt Ion: 64 Resp: 8031
Ion Ratio Lower Upper
64 100
66 31.3 21.1 39.1



#9
Trichlorofluoromethane
Concen: 0.541 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion: 101 Resp: 15001
Ion Ratio Lower Upper
101 100
103 59.2 51.6 77.4

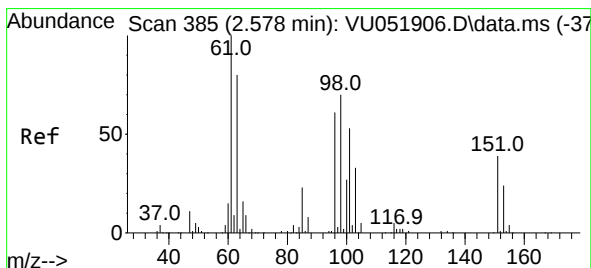
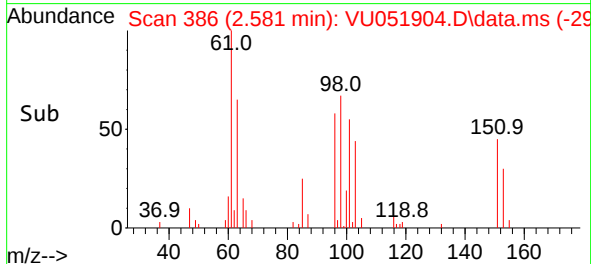
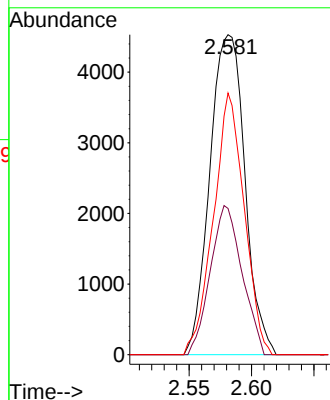
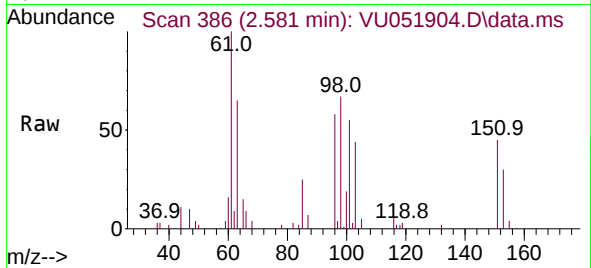




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.524 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

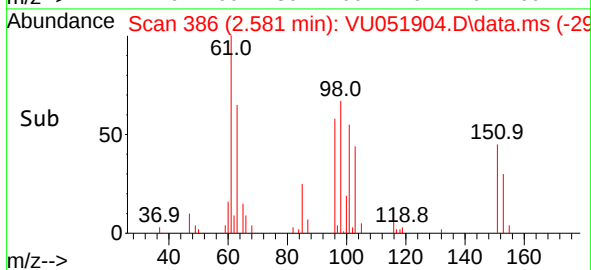
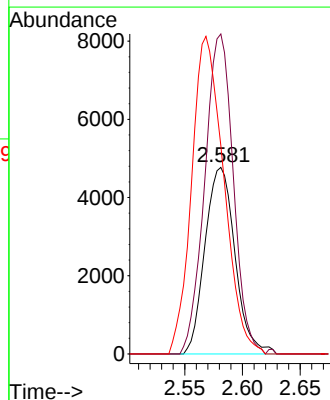
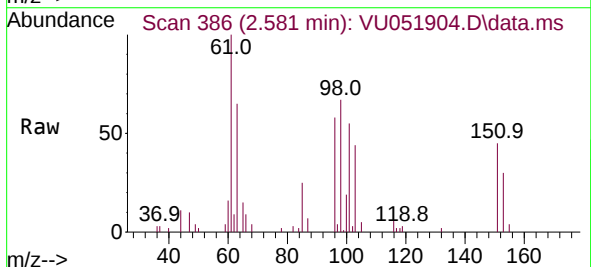
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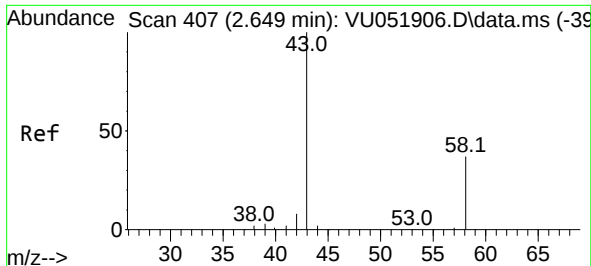
Tgt Ion:101 Resp: 8876
Ion Ratio Lower Upper
101 100
85 42.2 33.8 50.6
151 71.8 58.6 88.0



#12
1,1-Dichloroethene
Concen: 0.514 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion: 96 Resp: 8628
Ion Ratio Lower Upper
96 100
61 171.5 114.8 213.2
63 111.6 93.7 174.1





#13

Acetone

Concen: 4.900 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.000 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

Instrument :

MSVOA_U

ClientSampleId :

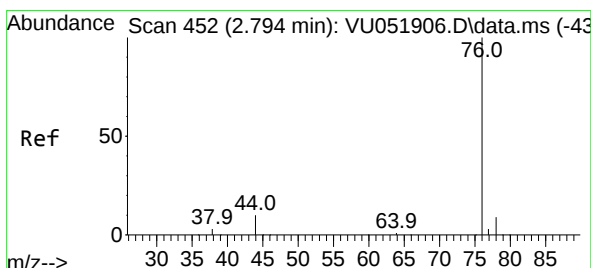
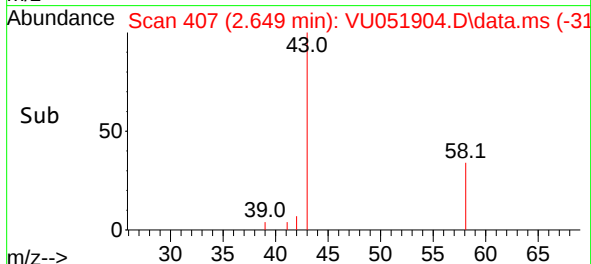
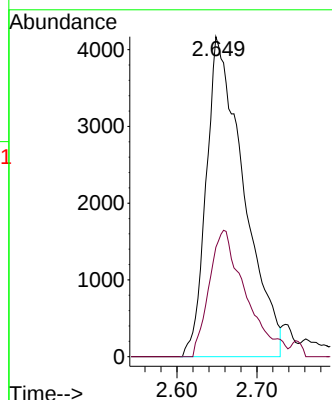
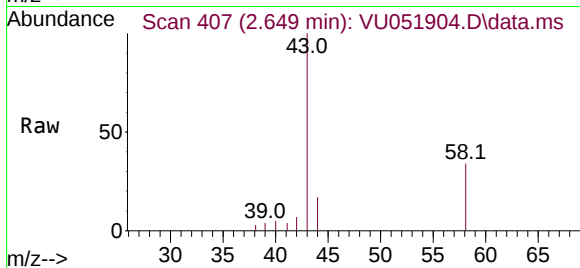
VSTD0.5068

Tgt Ion: 43 Resp: 13589

Ion Ratio Lower Upper

43 100

58 38.7 0.0 76.0



#14

Carbon disulfide

Concen: 0.521 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051904.D

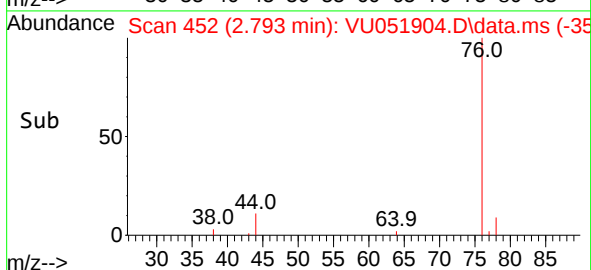
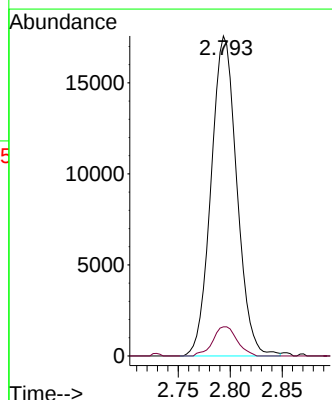
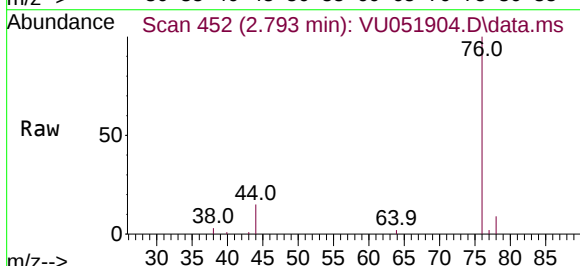
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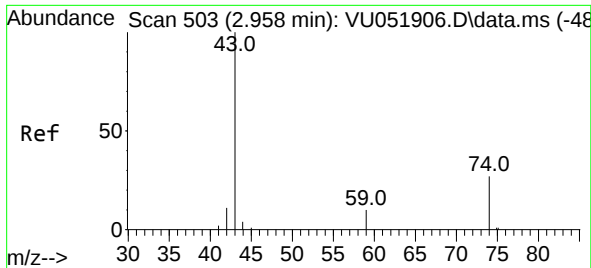
Tgt Ion: 76 Resp: 30312

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4

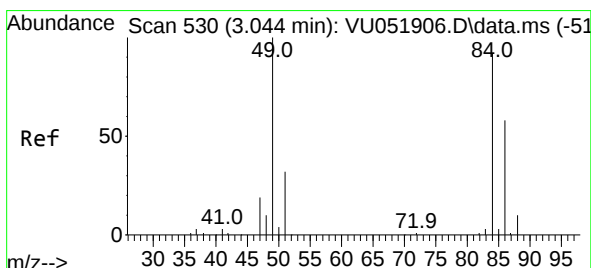
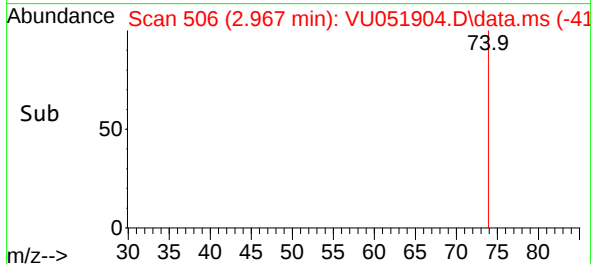
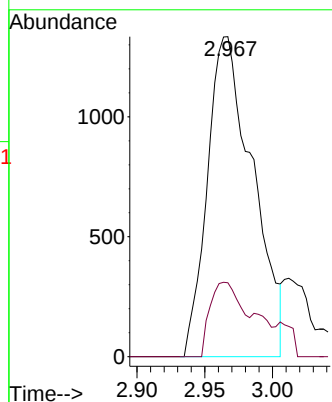
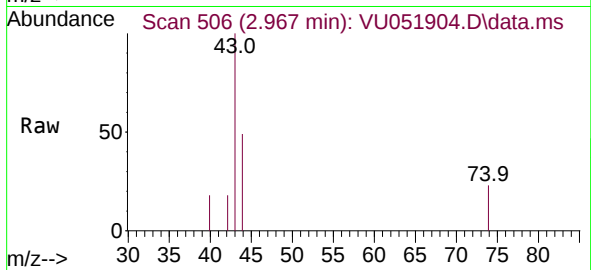




#15
Methyl Acetate
Concen: 0.432 ug/L
RT: 2.967 min Scan# 503
Delta R.T. 0.009 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

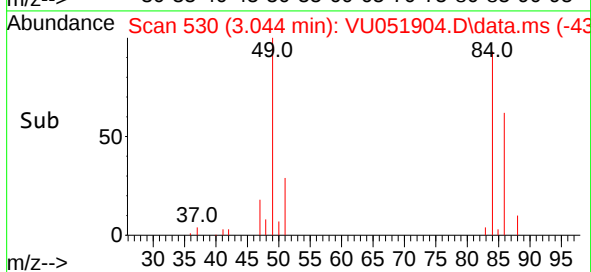
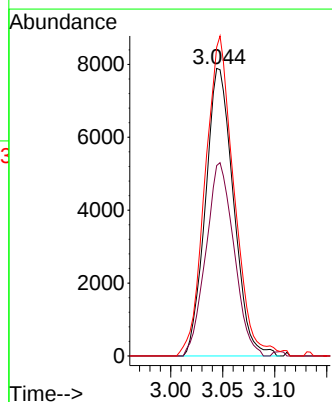
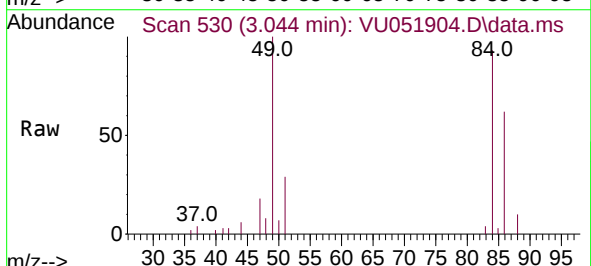
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ClientSampleId :
VSTD0.5068

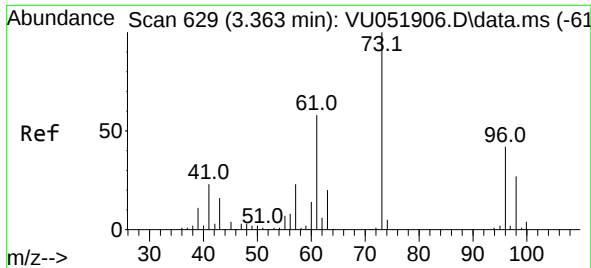
Tgt Ion: 43 Resp: 3105
Ion Ratio Lower Upper
43 100
74 16.3 21.3 31.9#



#16
Methylene chloride
Concen: 0.650 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion: 84 Resp: 14783
Ion Ratio Lower Upper
84 100
86 66.3 43.8 81.4
49 107.4 75.9 141.1

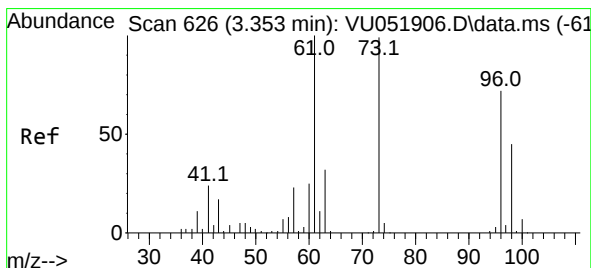
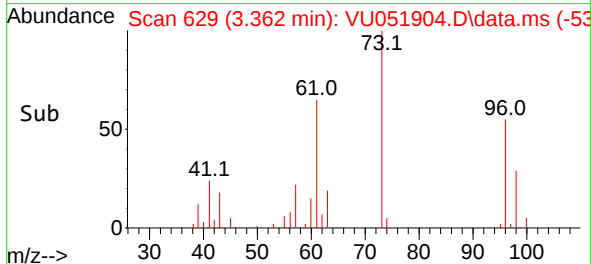
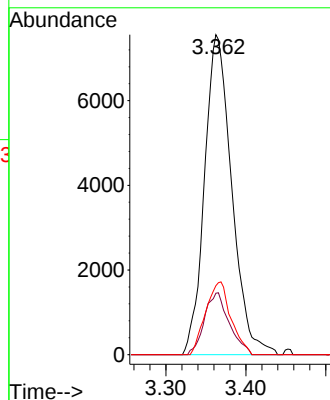
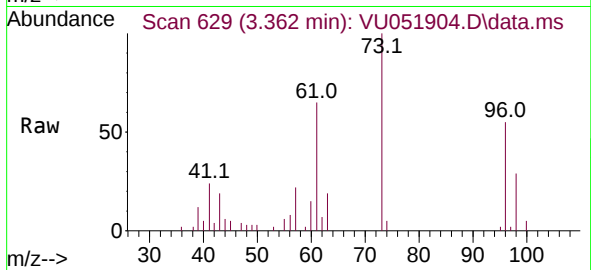




#17
Methyl tert-butyl Ether
Concen: 0.476 ug/L
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

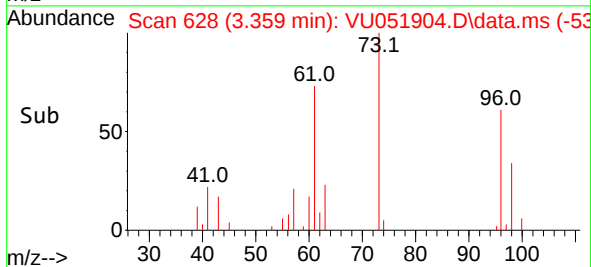
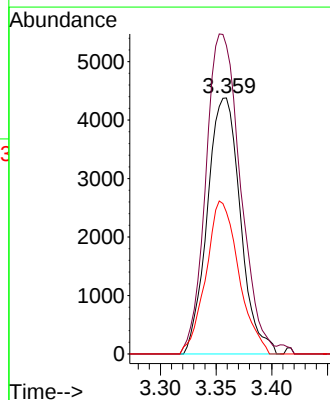
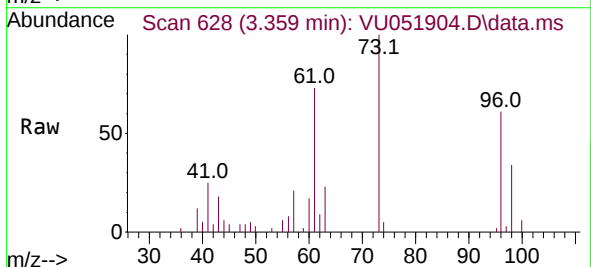
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

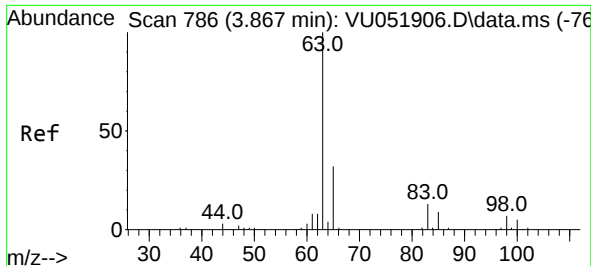
Tgt Ion: 73	Resp:	17918	
Ion	Ratio	Lower	Upper
73	100		
43	17.6	13.2	19.8
57	21.1	17.8	26.8



#18
trans-1,2-Dichloroethene
Concen: 0.502 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.006 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion: 96	Resp:	9047	
Ion	Ratio	Lower	Upper
96	100		
61	120.4	97.9	181.7
98	55.4	43.8	81.3

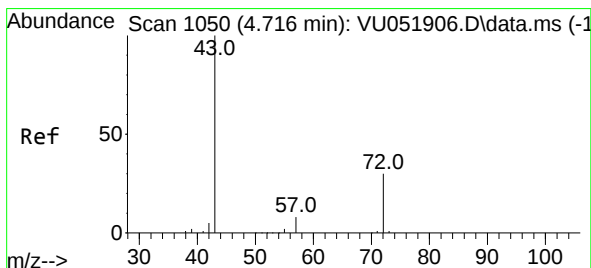
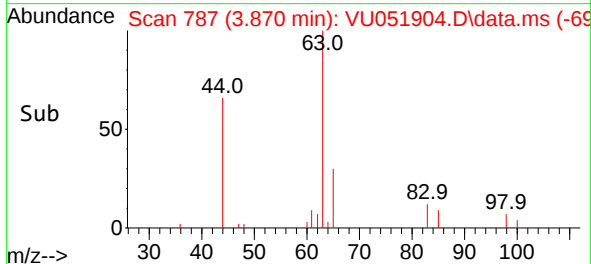
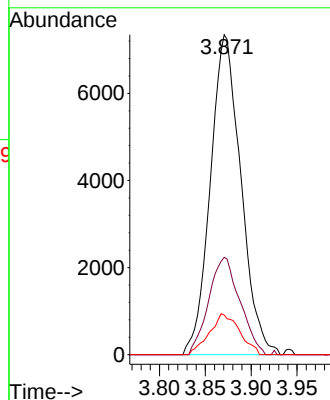
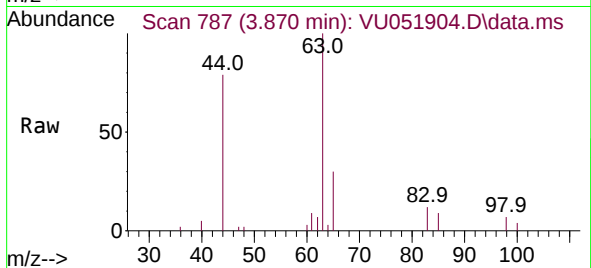




#19
1,1-Dichloroethane
Concen: 0.524 ug/L
RT: 3.870 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

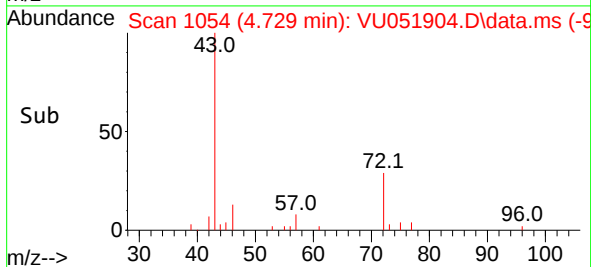
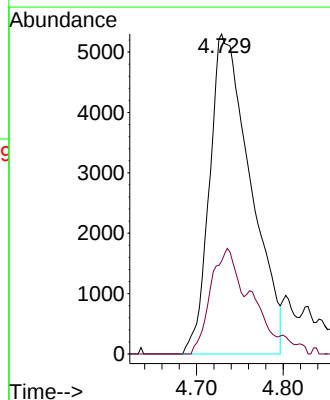
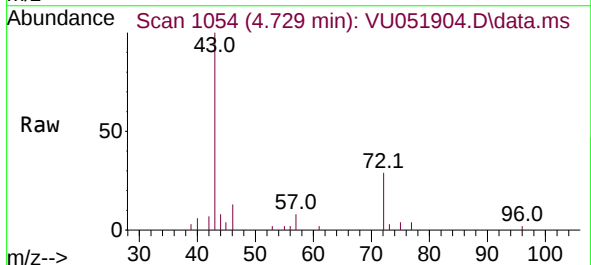
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

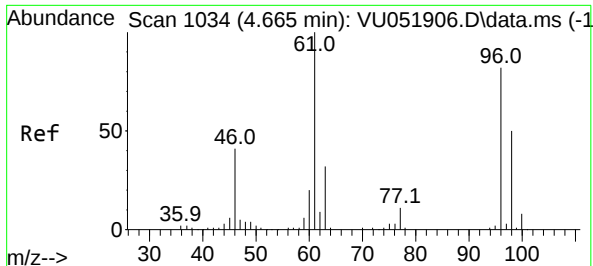
Tgt Ion: 63 Resp: 17007
Ion Ratio Lower Upper
63 100
65 30.5 22.2 41.2
83 12.4 9.2 17.0



#21
2-Butanone
Concen: 3.919 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion: 43 Resp: 17414
Ion Ratio Lower Upper
43 100
72 22.6 15.6 46.8





#22

cis-1,2-Dichloroethene

Concen: 0.475 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5068

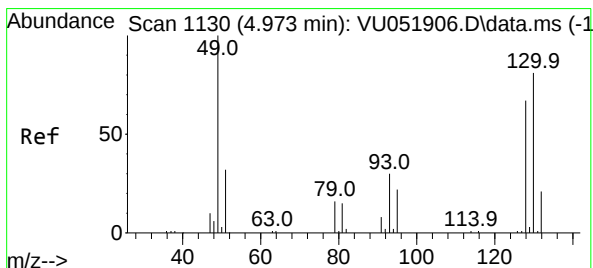
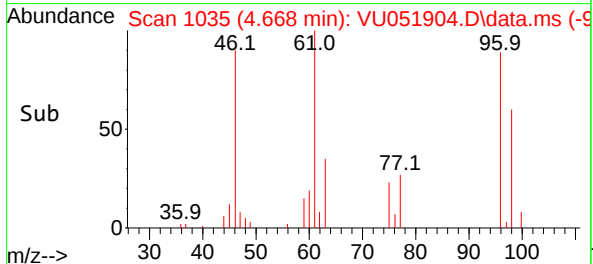
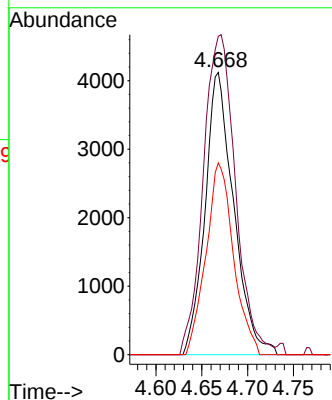
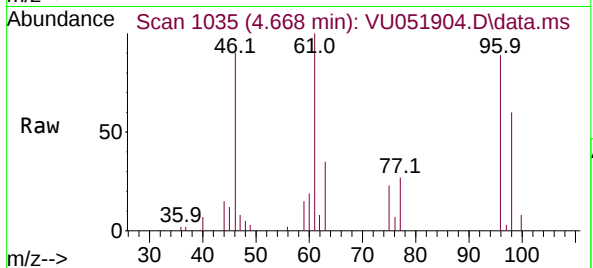
Tgt Ion: 96 Resp: 8971

Ion Ratio Lower Upper

96 100

61 112.8 85.1 158.1

98 68.0 42.8 79.6



#23

Bromochloromethane

Concen: 0.499 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

Tgt Ion:128 Resp: 4514

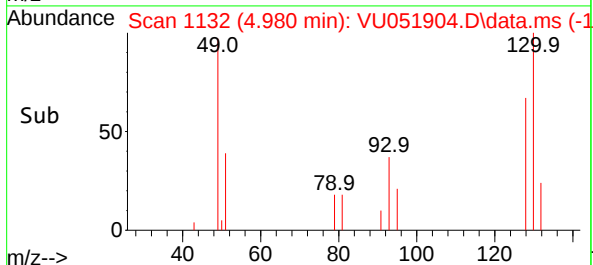
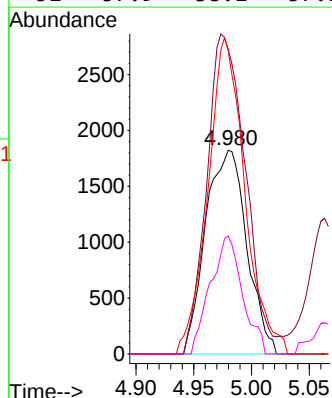
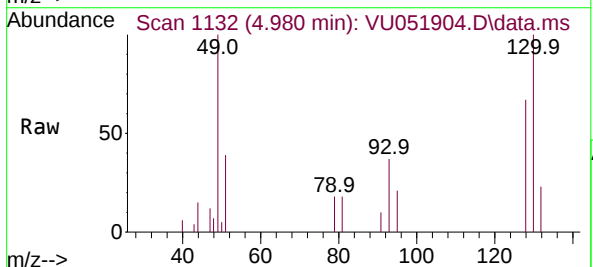
Ion Ratio Lower Upper

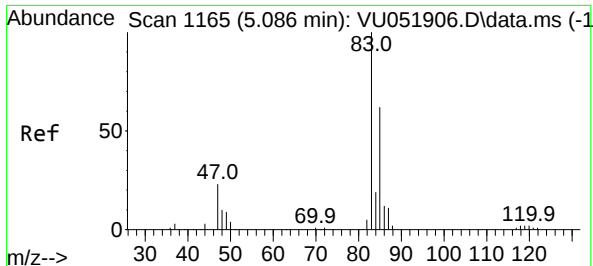
128 100

49 149.5 104.0 193.2

130 148.8 84.6 157.2

51 57.9 38.1 57.1#





#25

Chloroform

Concen: 0.505 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

Instrument :

MSVOA_U

ClientSampleId :

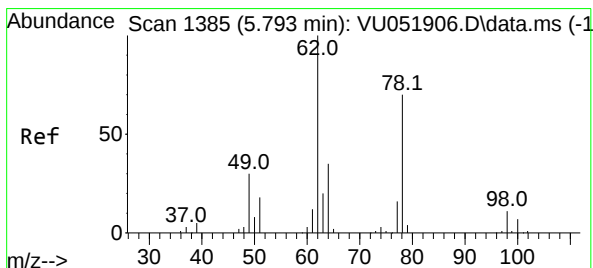
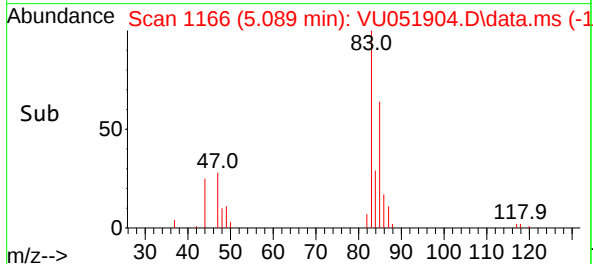
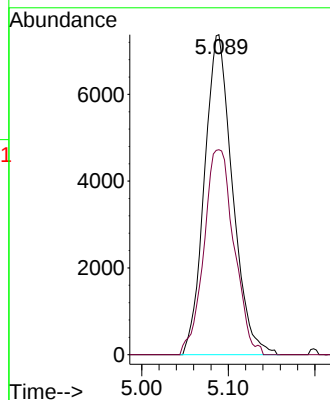
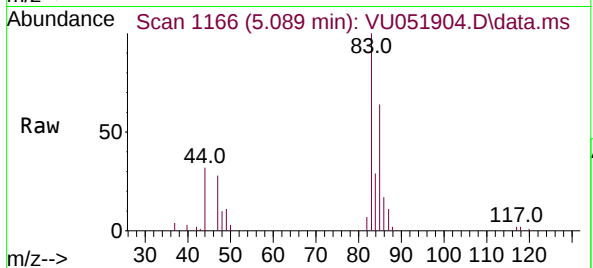
VSTD0.5068

Tgt Ion: 83 Resp: 16609

Ion Ratio Lower Upper

83 100

85 64.0 43.8 81.4



#27

1,2-Dichloroethane

Concen: 0.520 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VU051904.D

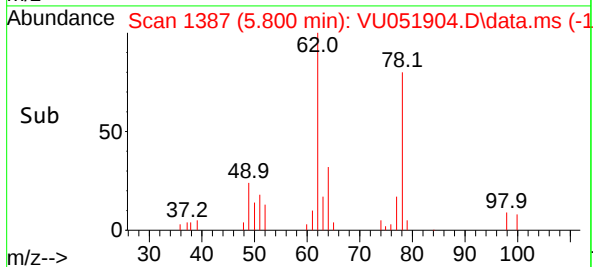
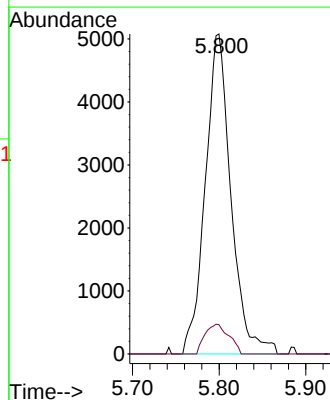
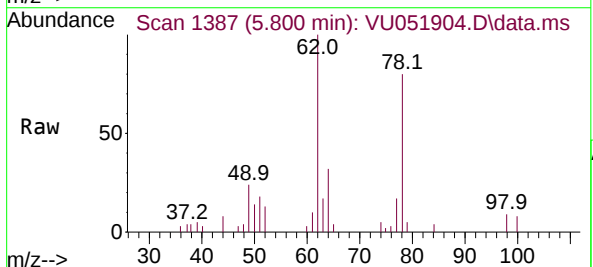
Acq: 18 Nov 2022 14:41

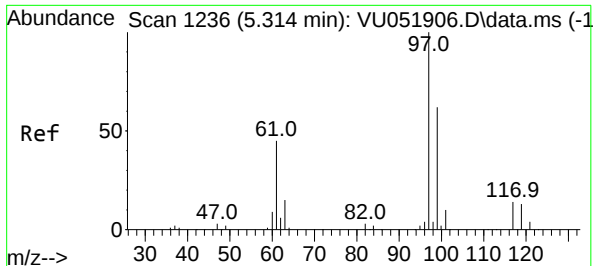
Tgt Ion: 62 Resp: 10472

Ion Ratio Lower Upper

62 100

98 9.1 8.4 12.6

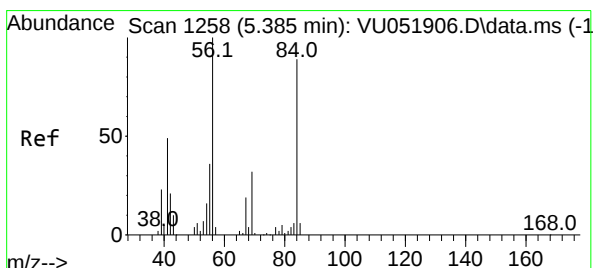
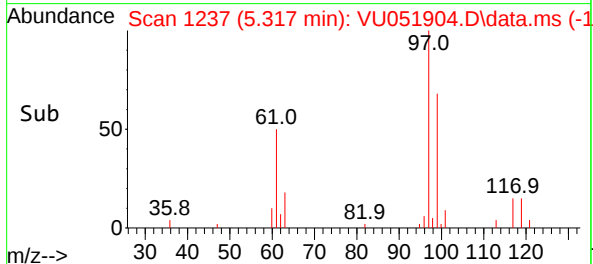
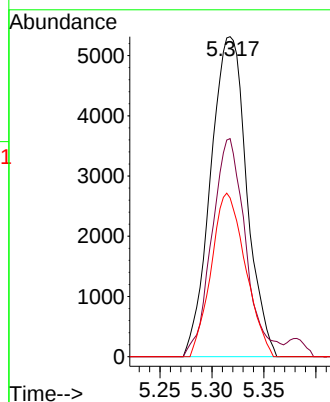
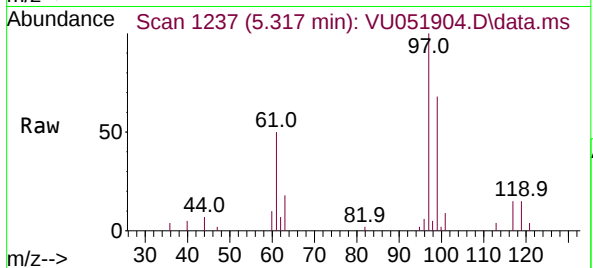




#29
1,1,1-Trichloroethane
Concen: 0.504 ug/L
RT: 5.317 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

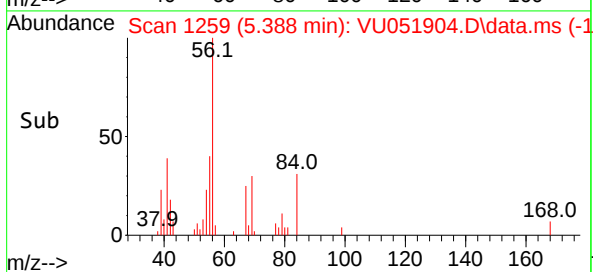
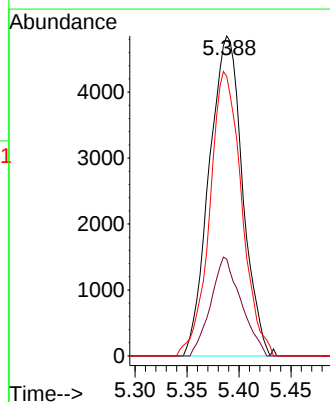
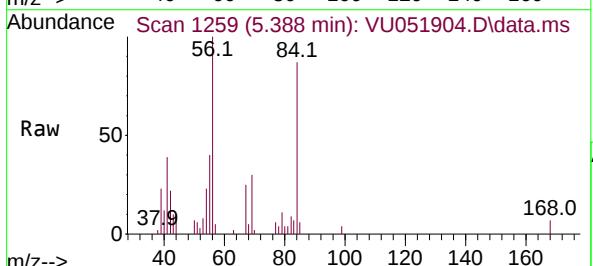
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

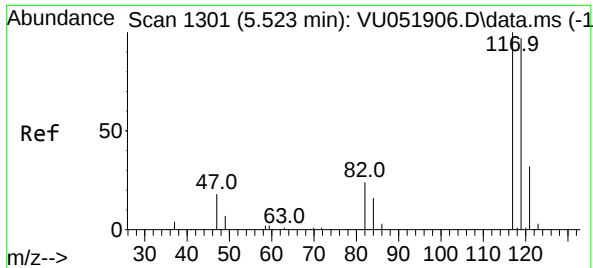
Tgt Ion: 97	Resp: 12835
Ion Ratio	Lower Upper
97 100	
99 63.9	51.0 76.6
61 48.4	36.9 55.3



#30
Cyclohexane
Concen: 0.438 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion: 56	Resp: 10844
Ion Ratio	Lower Upper
56 100	
69 28.1	25.6 38.4
84 84.8	72.0 108.0

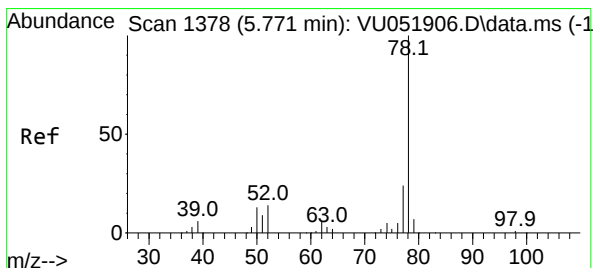
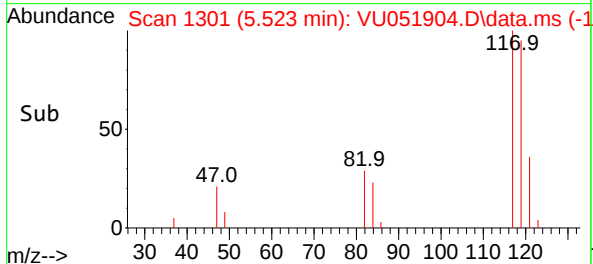
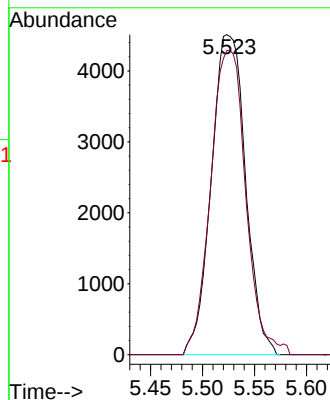
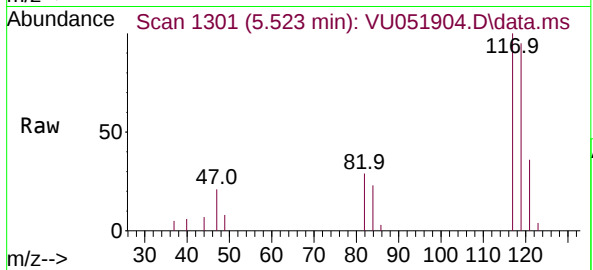




#31
Carbon tetrachloride
Concen: 0.477 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

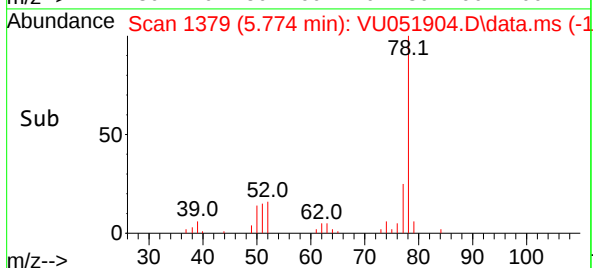
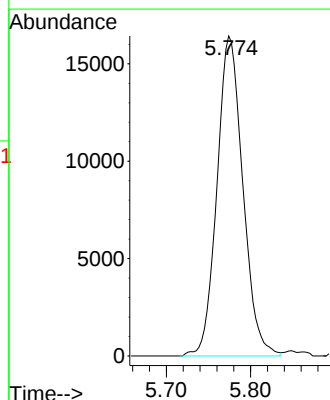
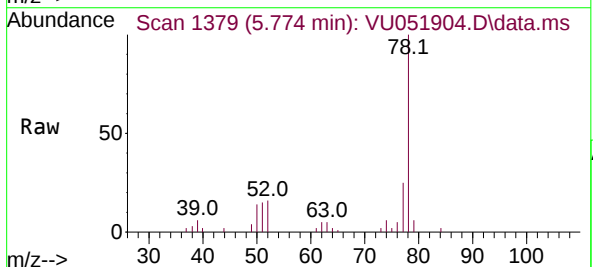
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

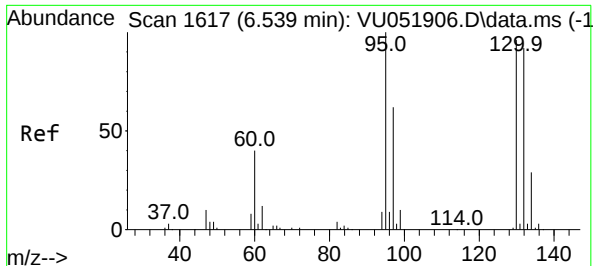
Tgt Ion:117 Resp: 10334
Ion Ratio Lower Upper
117 100
119 97.8 77.2 115.8



#33
Benzene
Concen: 0.468 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion: 78 Resp: 34979



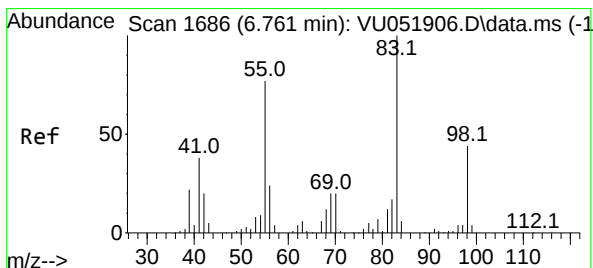
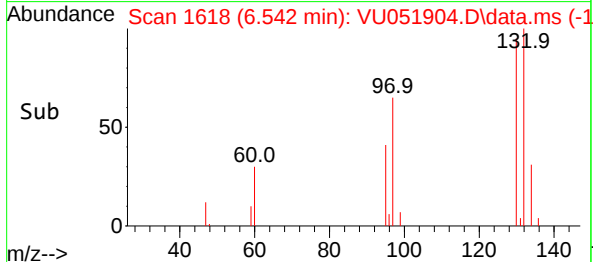
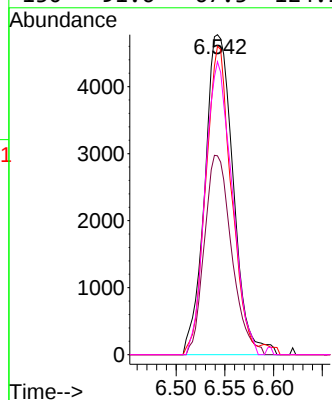
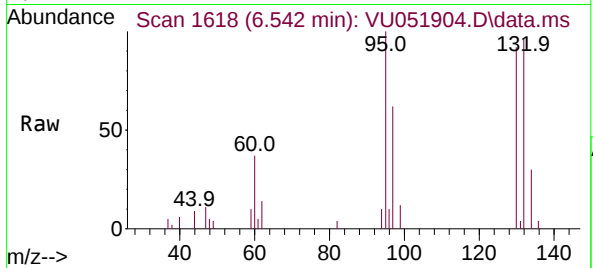


#34
Trichloroethene
Concen: 0.520 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

Tgt Ion: 95 Resp: 9698

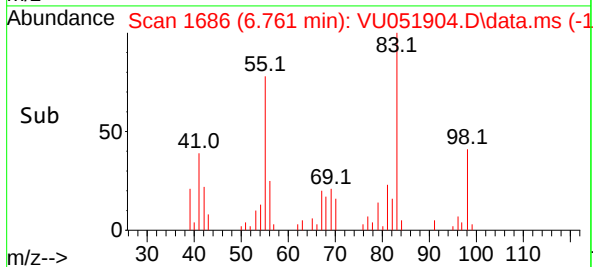
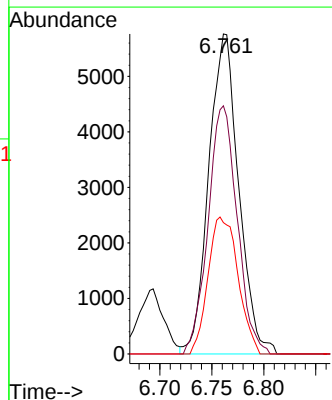
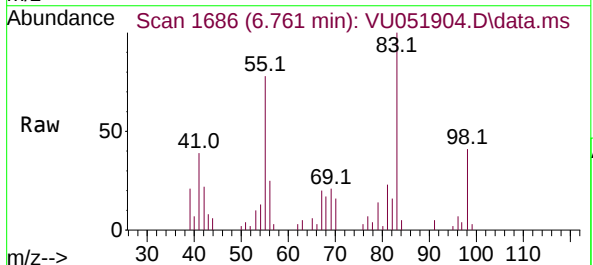
Ion	Ratio	Lower	Upper
95	100		
97	62.2	43.7	81.1
132	96.4	64.3	119.3
130	91.6	67.3	124.9

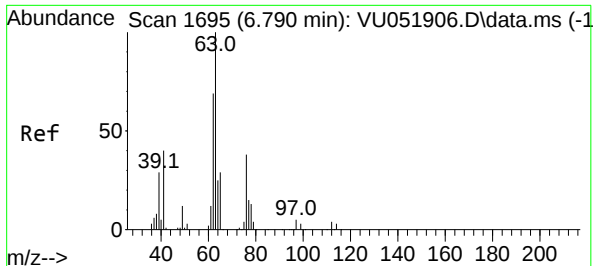


#35
Methylcyclohexane
Concen: 0.430 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion: 83 Resp: 11541

Ion	Ratio	Lower	Upper
83	100		
55	75.5	60.8	91.2
98	42.9	35.1	52.7





#37

1,2-Dichloropropane

Concen: 0.495 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

Instrument :

MSVOA_U

ClientSampleId :

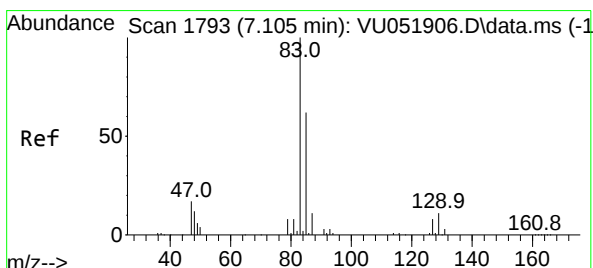
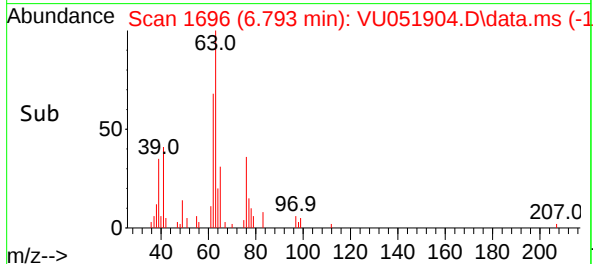
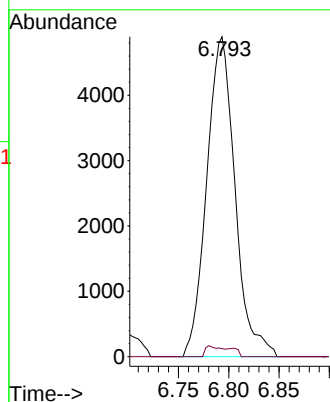
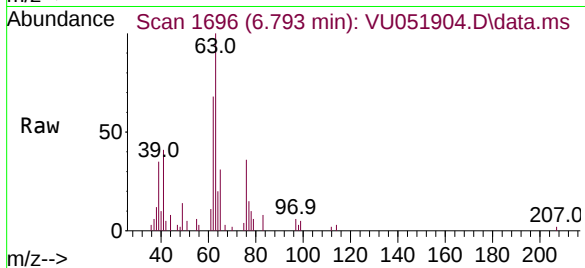
VSTD0.5068

Tgt Ion: 63 Resp: 9579

Ion Ratio Lower Upper

63 100

112 1.9 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.500 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

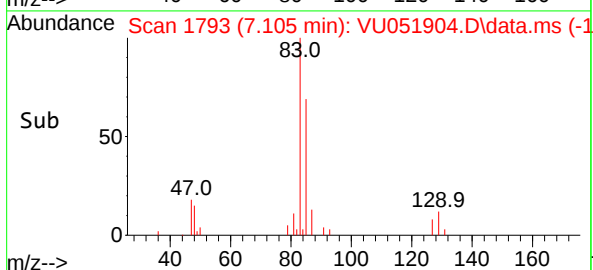
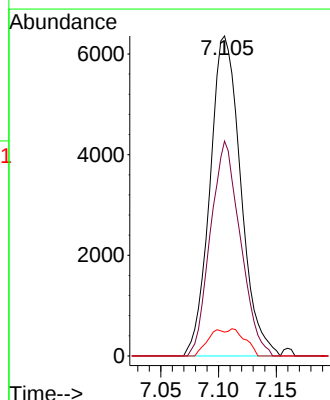
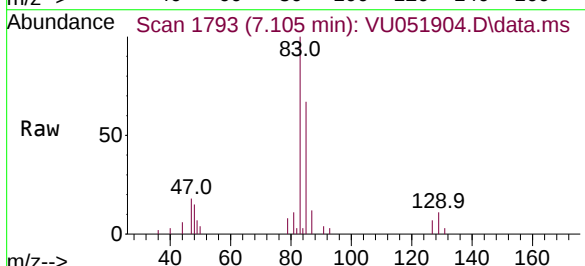
Tgt Ion: 83 Resp: 11787

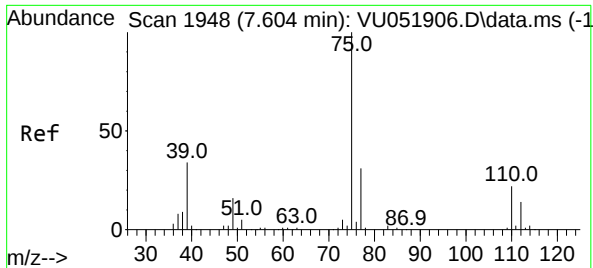
Ion Ratio Lower Upper

83 100

85 67.1 43.5 80.9

127 7.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 0.439 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

Instrument :

MSVOA_U

ClientSampleId :

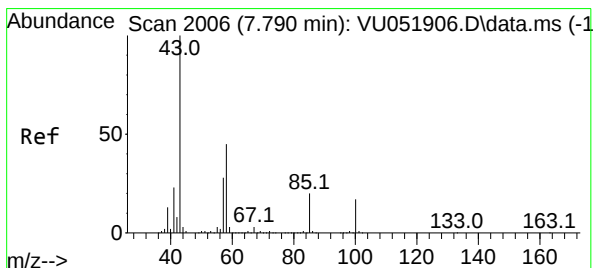
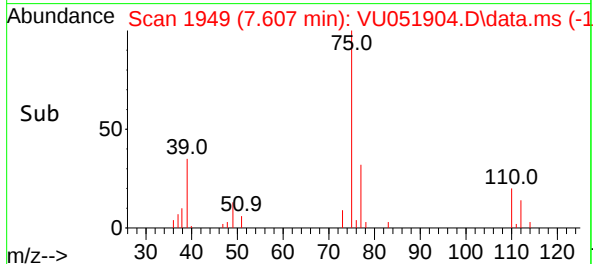
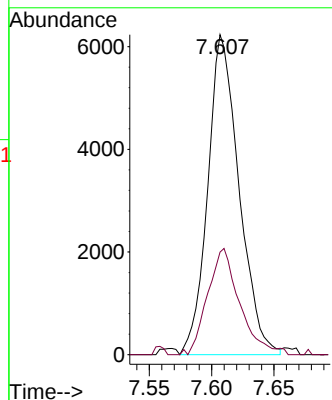
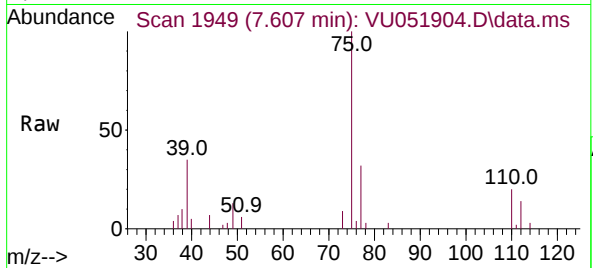
VSTD0.5068

Tgt Ion: 75 Resp: 10897

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 4.107 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

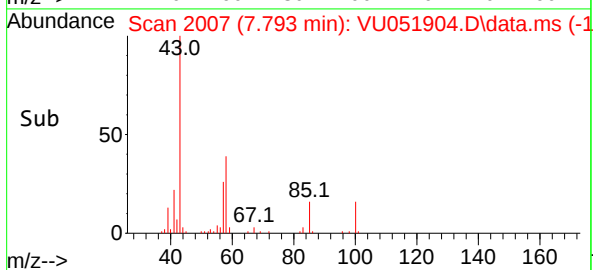
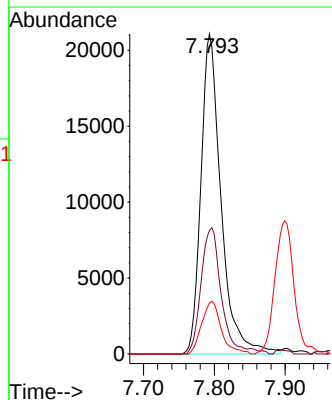
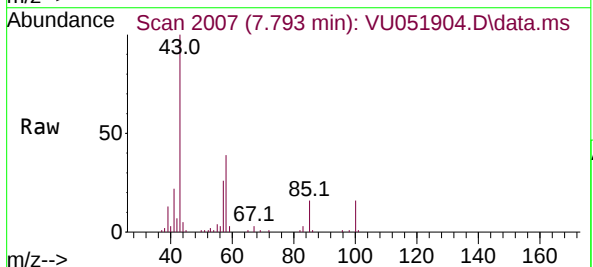
Tgt Ion: 43 Resp: 41503

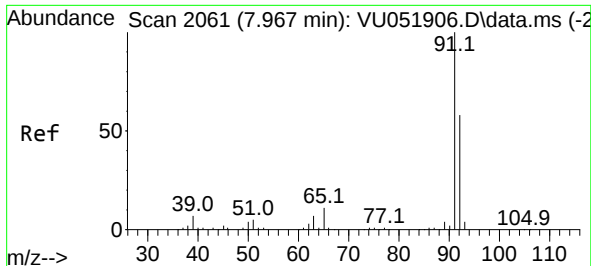
Ion Ratio Lower Upper

43 100

58 39.0 35.3 52.9

100 16.0 13.6 20.4





#42

Toluene

Concen: 0.442 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

Instrument :

MSVOA_U

ClientSampleId :

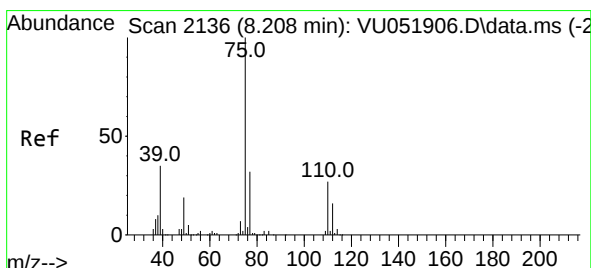
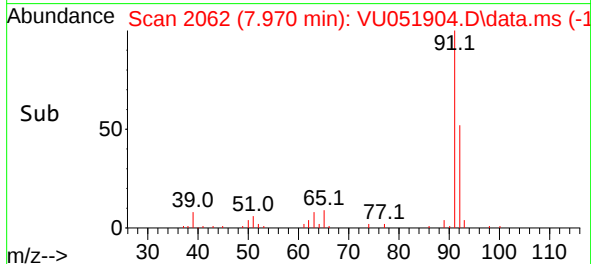
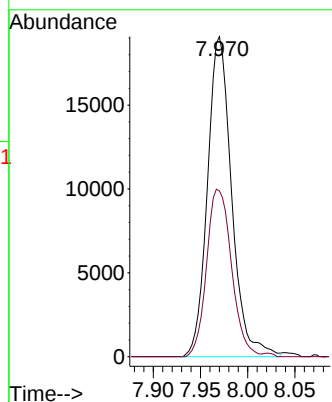
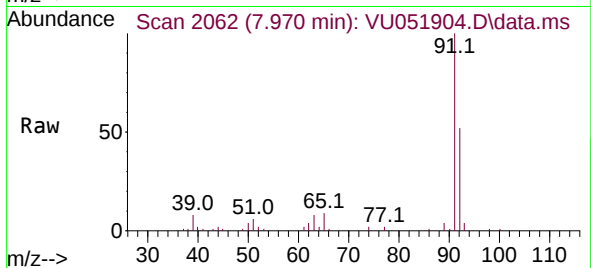
VSTD0.5068

Tgt Ion: 91 Resp: 33987

Ion Ratio Lower Upper

91 100

92 51.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 0.444 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051904.D

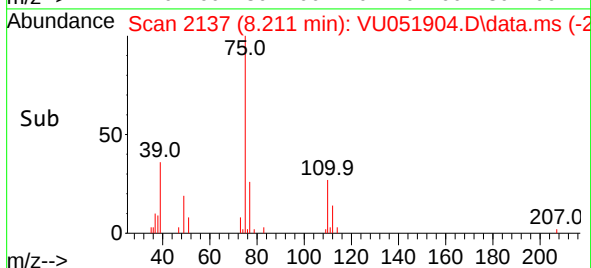
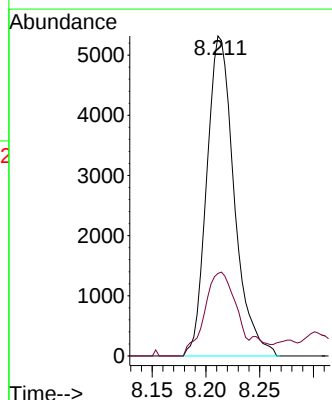
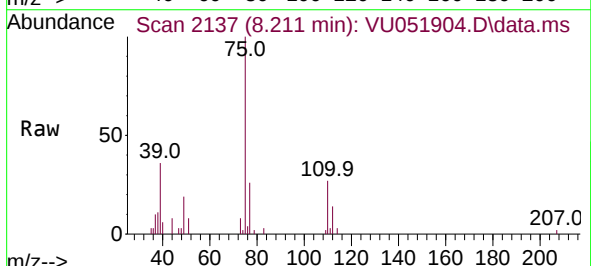
Acq: 18 Nov 2022 14:41

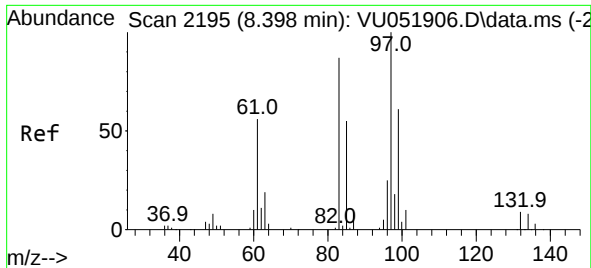
Tgt Ion: 75 Resp: 9445

Ion Ratio Lower Upper

75 100

77 25.8 22.6 42.0



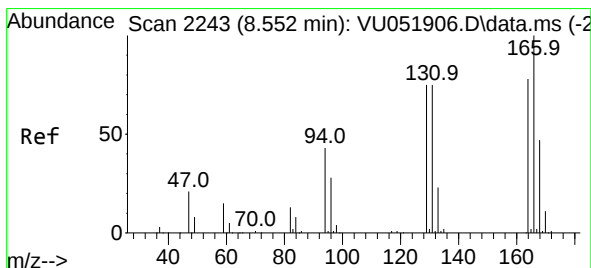
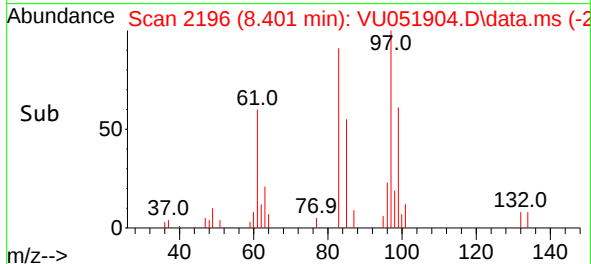
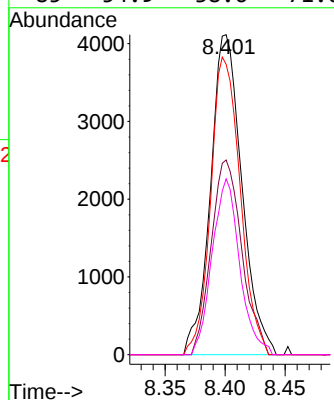
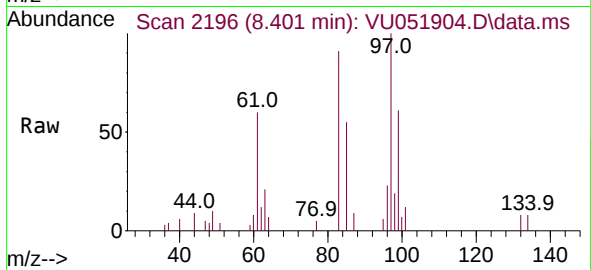


#45
1,1,2-Trichloroethane
Concen: 0.514 ug/L
RT: 8.401 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

Tgt Ion: 97 Resp: 7480

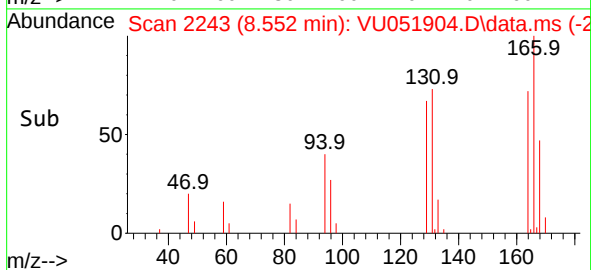
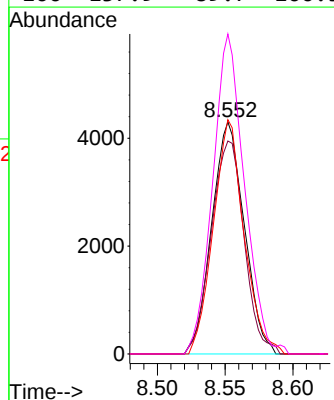
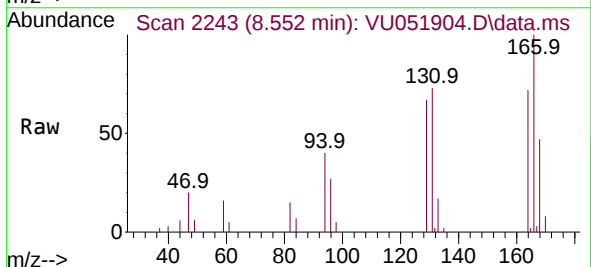
Ion	Ratio	Lower	Upper
97	100		
99	60.9	42.6	79.2
83	90.7	60.7	112.7
85	54.9	38.6	71.6

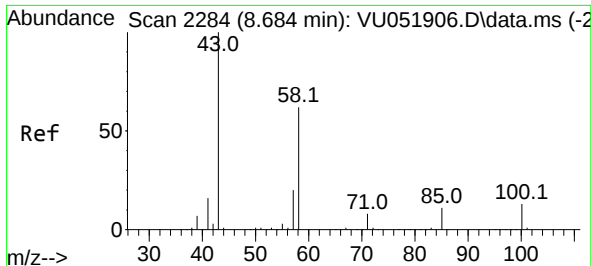


#47
Tetrachloroethene
Concen: 0.502 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion: 164 Resp: 7167

Ion	Ratio	Lower	Upper
164	100		
129	91.8	67.4	125.2
131	101.0	67.1	124.7
166	137.9	89.7	166.5

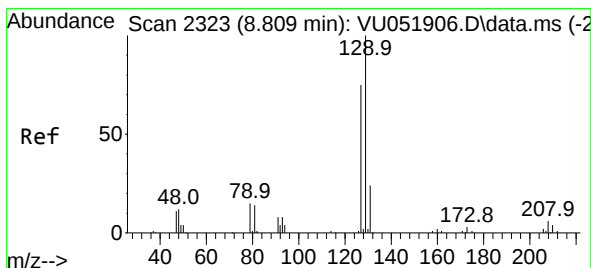
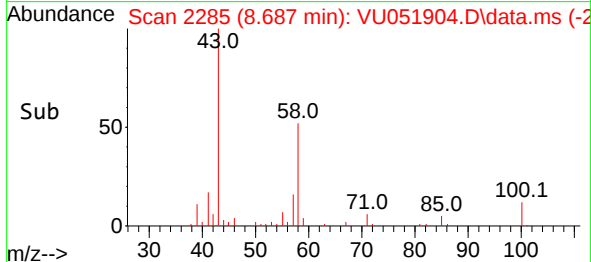
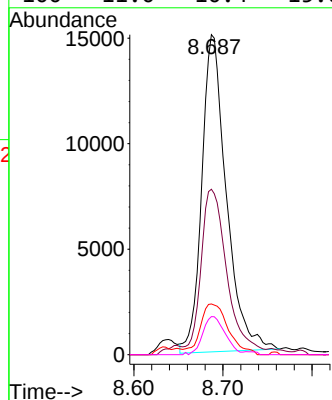
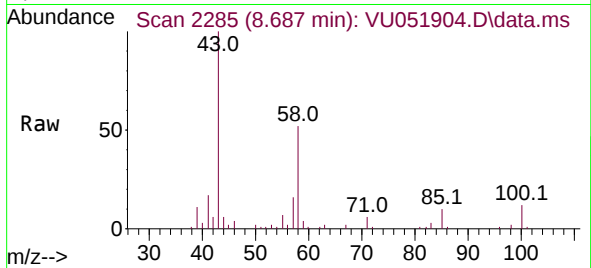




#48
2-Hexanone
Concen: 3.871 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

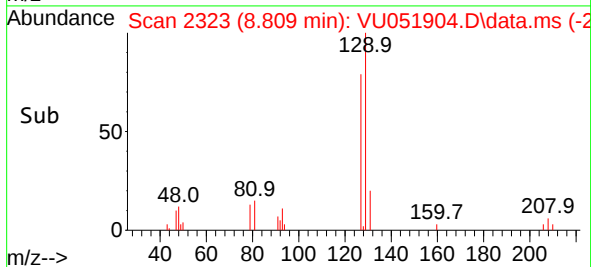
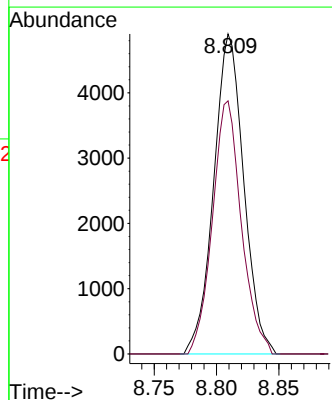
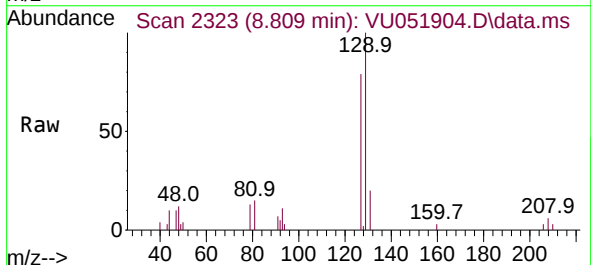
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

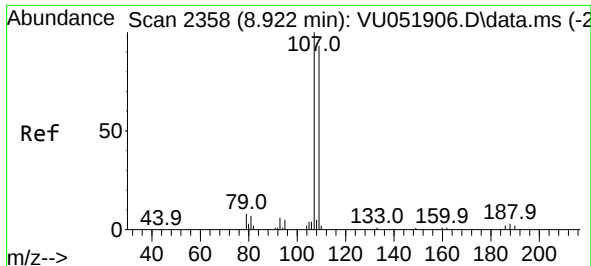
Tgt Ion: 43	Resp: 28829
Ion Ratio	Lower Upper
43 100	
58 52.3	49.4 74.0
57 18.3	16.3 24.5
100 11.0	10.4 15.6



#49
Dibromochloromethane
Concen: 0.505 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion:129	Resp:	8222	
Ion	Ratio	Lower	Upper
129	100		
127	79.1	52.8	98.2





#50

1,2-Dibromoethane

Concen: 0.477 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5068

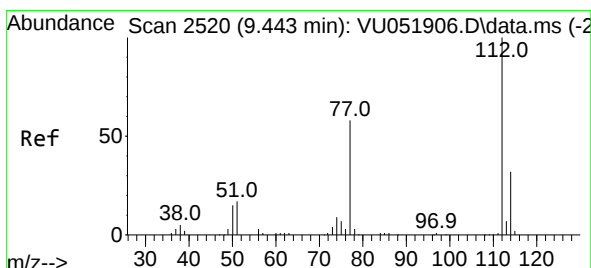
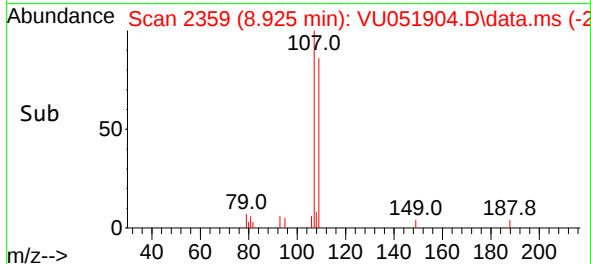
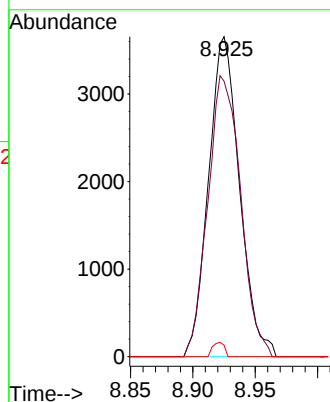
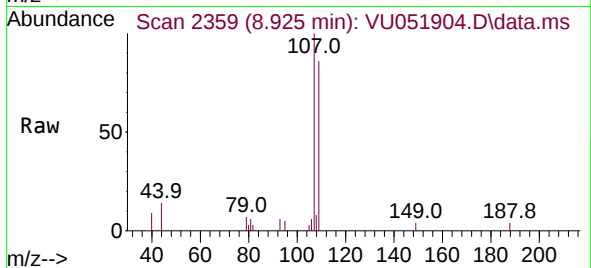
Tgt Ion:107 Resp: 6322

Ion Ratio Lower Upper

107 100

109 86.1 64.9 120.5

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 0.496 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

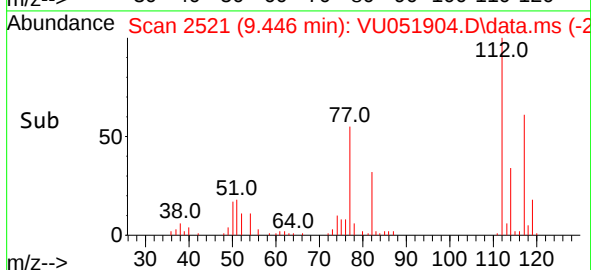
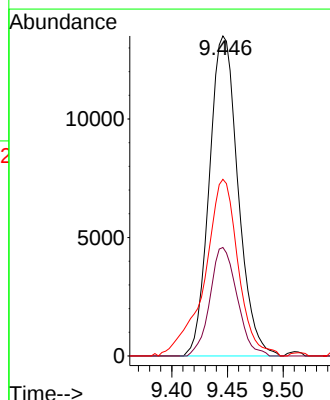
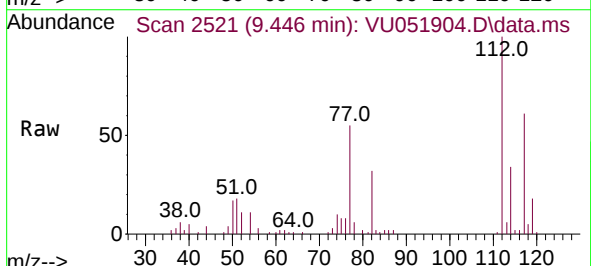
Tgt Ion:112 Resp: 24293

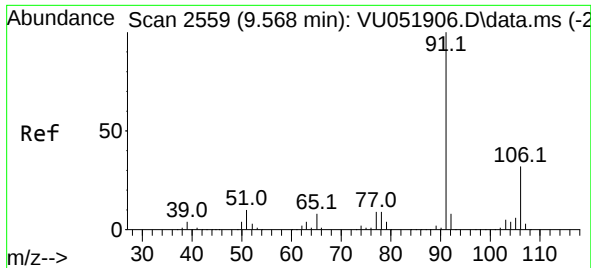
Ion Ratio Lower Upper

112 100

114 33.9 22.2 41.2

77 55.2 46.6 70.0

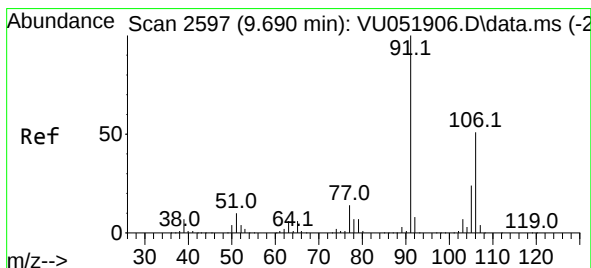
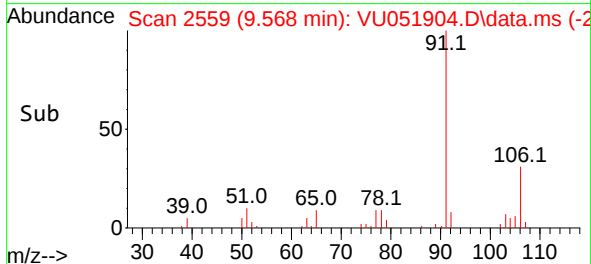
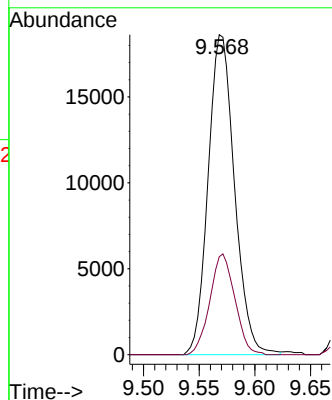
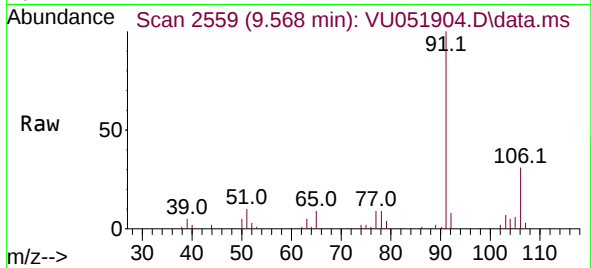




#52
Ethylbenzene
Concen: 0.410 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

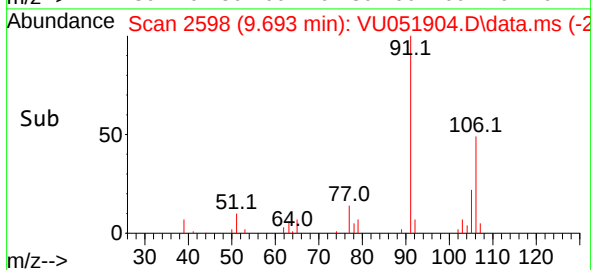
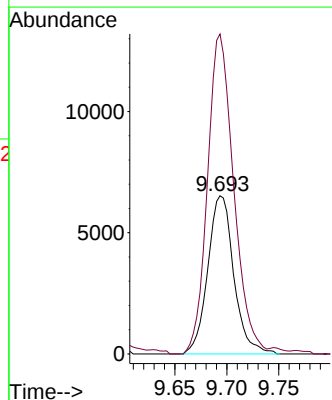
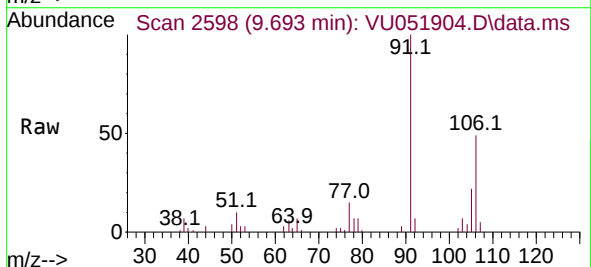
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

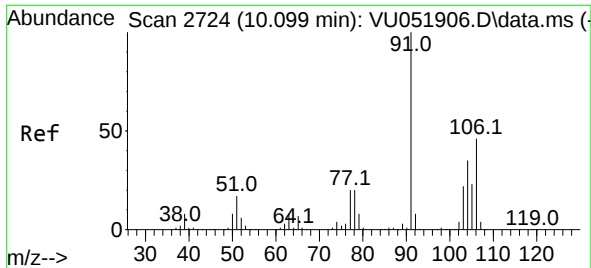
Tgt Ion: 91 Resp: 30666
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.3



#53
m,p-Xylene
Concen: 0.392 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion: 106 Resp: 11356
Ion Ratio Lower Upper
106 100
91 202.2 137.7 255.7

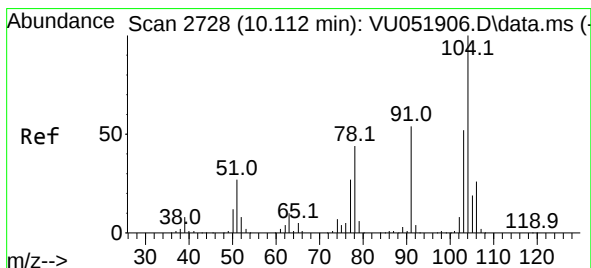
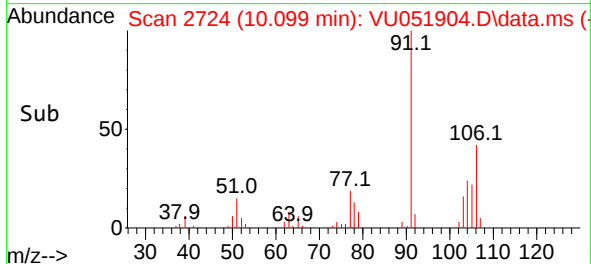
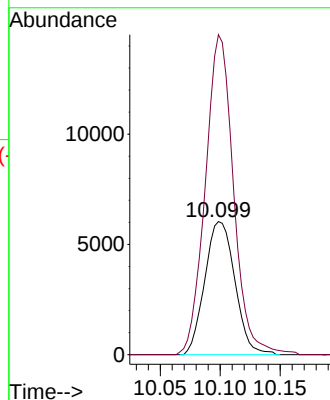
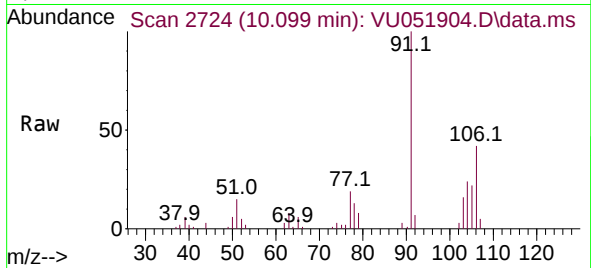




#54
o-Xylene
Concen: 0.380 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

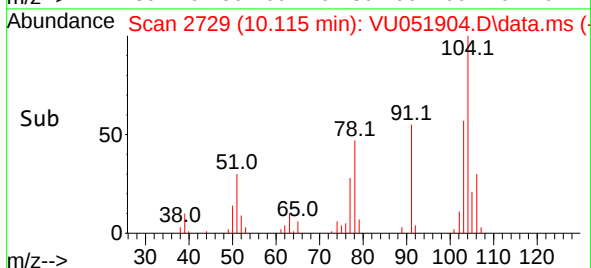
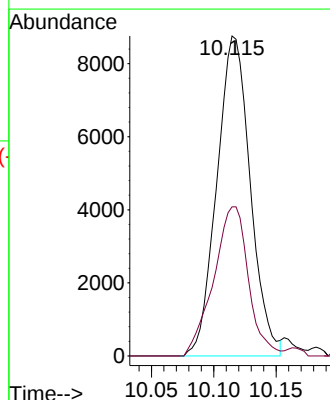
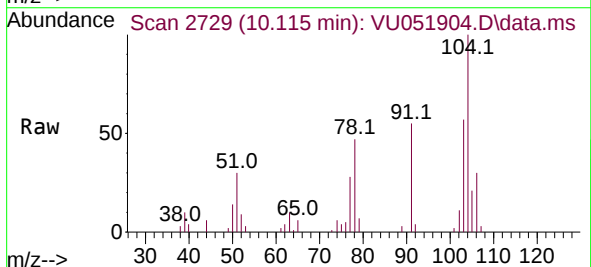
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

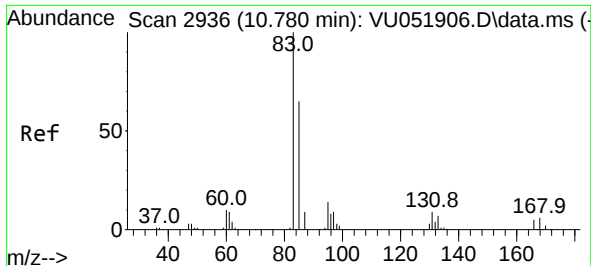
Tgt Ion:106 Resp: 10548
Ion Ratio Lower Upper
106 100
91 240.3 151.5 281.5



#55
Styrene
Concen: 0.349 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion:104 Resp: 16356
Ion Ratio Lower Upper
104 100
78 46.6 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.474 ug/L

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5068

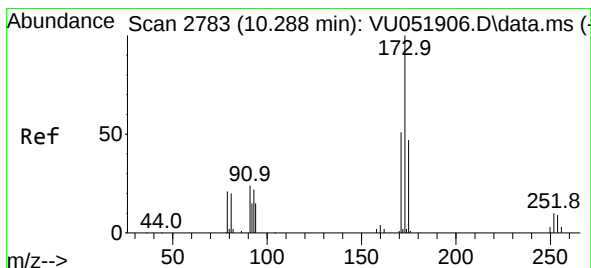
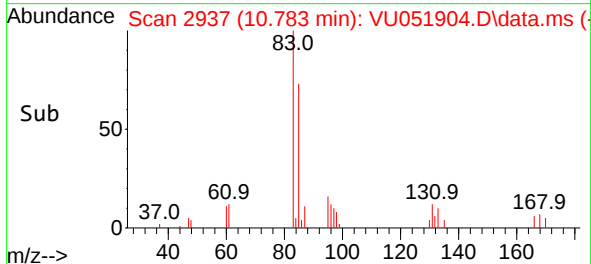
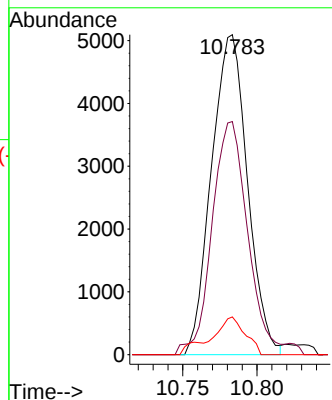
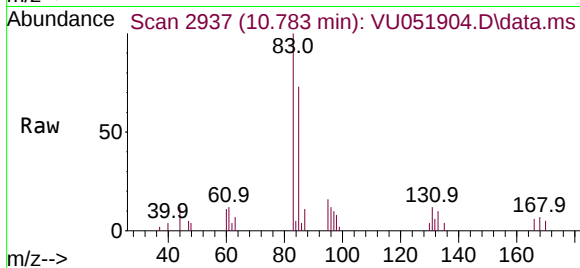
Tgt Ion: 83 Resp: 8600

Ion Ratio Lower Upper

83 100

85 72.8 45.7 84.9

131 11.8 7.6 11.4#



#59

Bromoform

Concen: 0.536 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

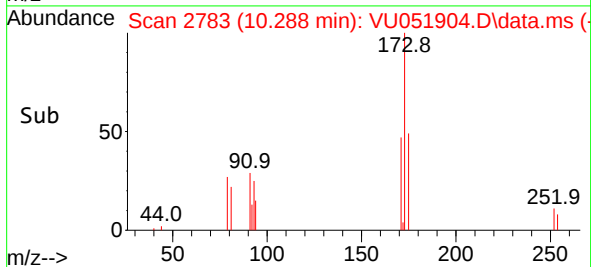
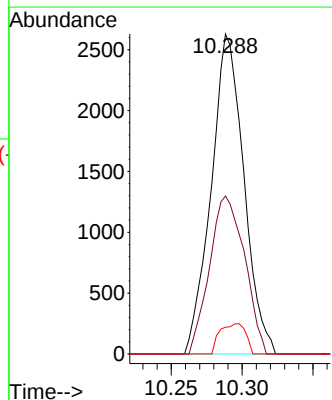
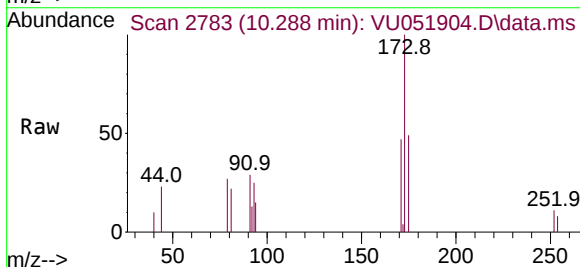
Tgt Ion: 173 Resp: 4221

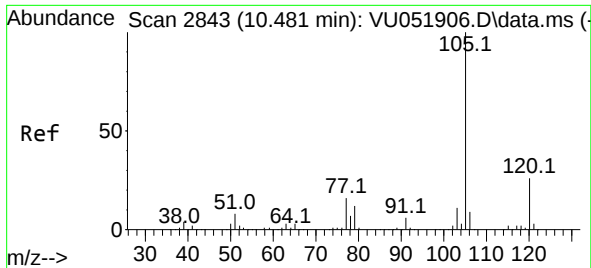
Ion Ratio Lower Upper

173 100

175 52.8 37.2 55.8

254 7.4 7.0 10.6

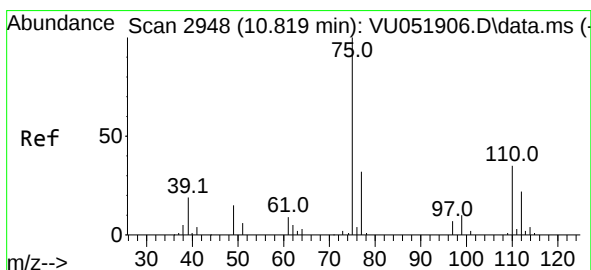
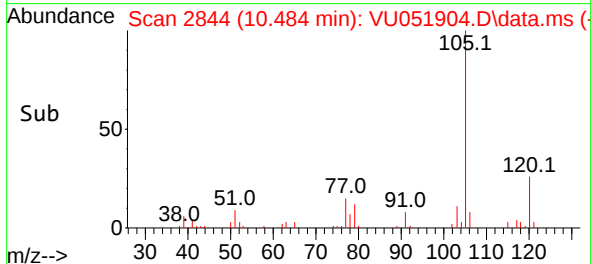
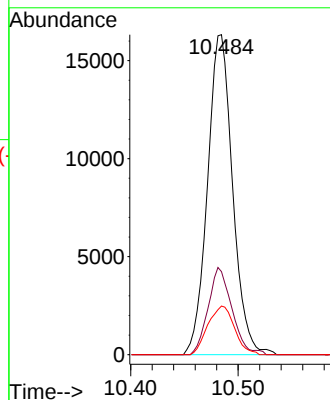
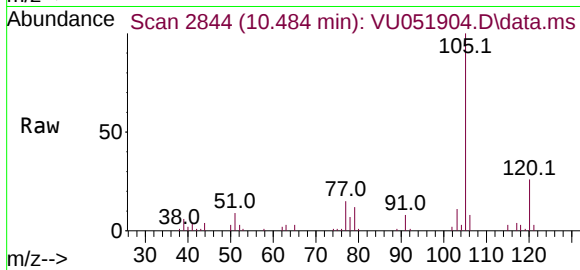




#60
Isopropylbenzene
Concen: 0.441 ug/L
RT: 10.484 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

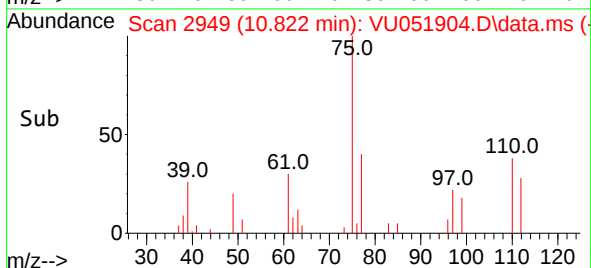
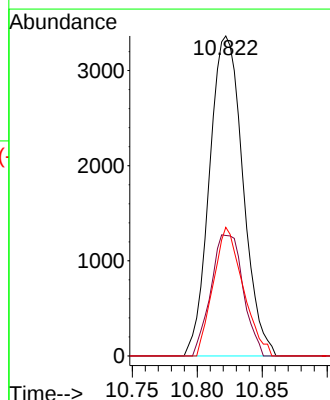
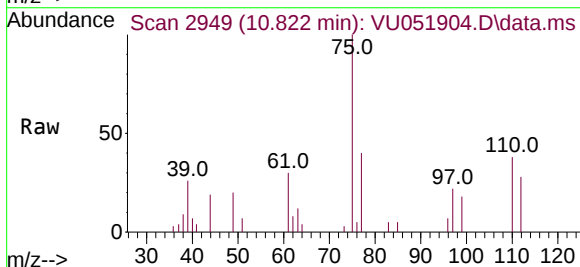
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

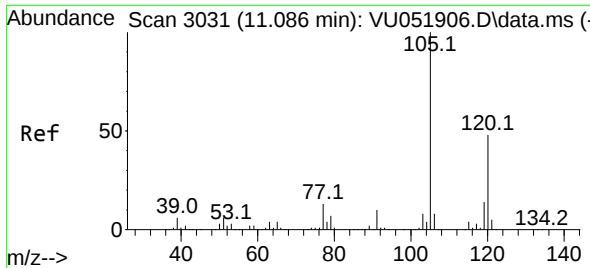
Tgt Ion:	105	Resp:	26489
Ion Ratio	Lower	Upper	
105	100		
120	25.8	21.0	31.6
77	16.1	12.5	18.7



#61
1,2,3-Trichloropropane
Concen: 0.550 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion:	75	Resp:	6018
Ion Ratio	Lower	Upper	
75	100		
110	36.4	28.3	42.5
77	35.8	26.2	39.2

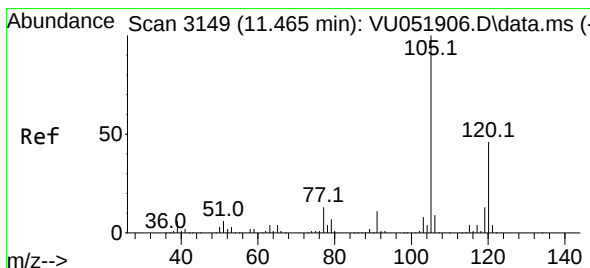
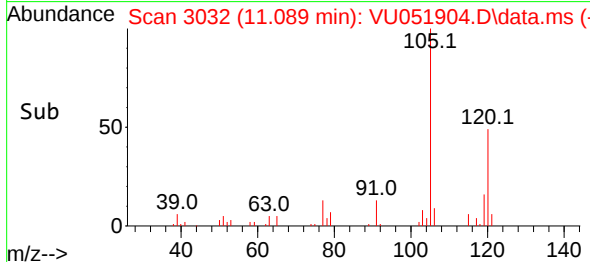
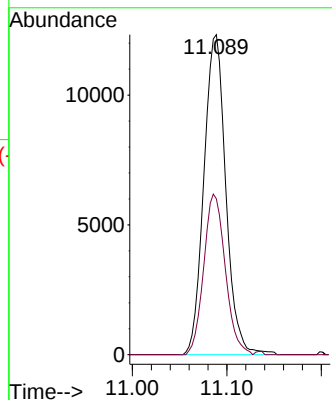
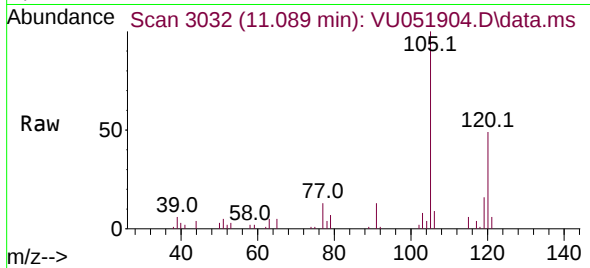




#62
1,3,5-Trimethylbenzene
Concen: 0.414 ug/L
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

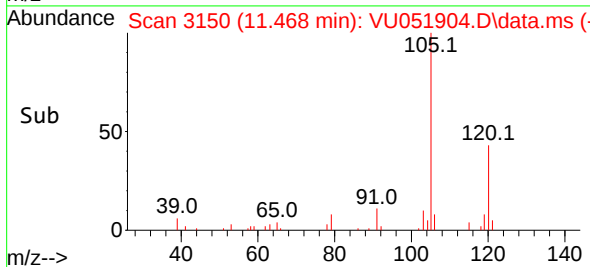
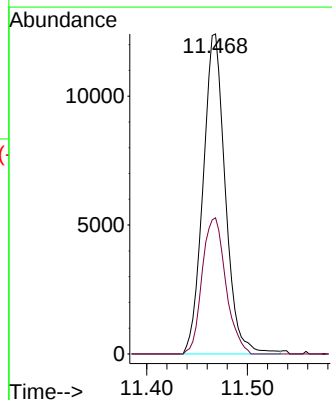
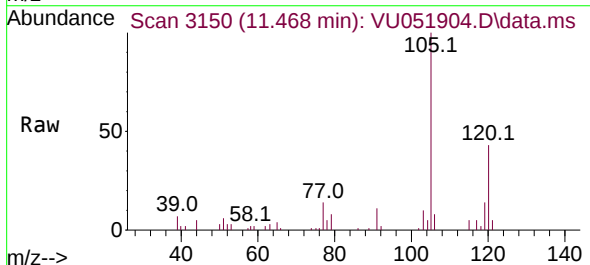
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

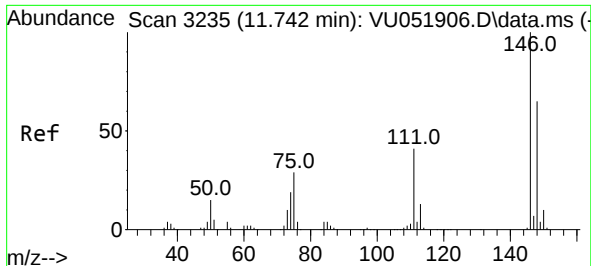
Tgt Ion:105 Resp: 19872
Ion Ratio Lower Upper
105 100
120 49.3 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 0.400 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion:105 Resp: 19062
Ion Ratio Lower Upper
105 100
120 45.1 36.6 55.0

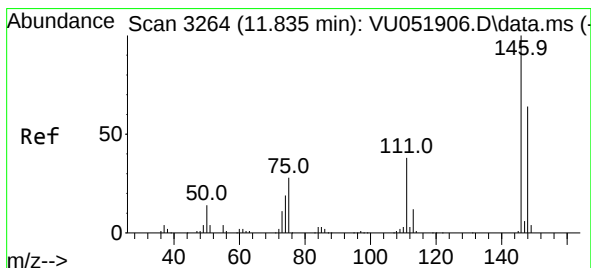
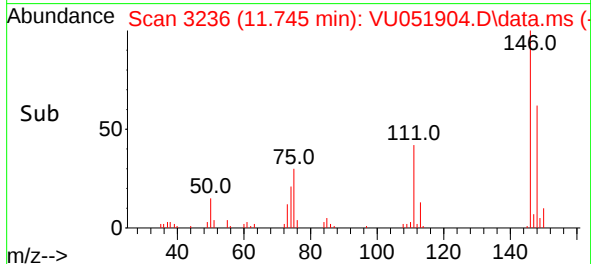
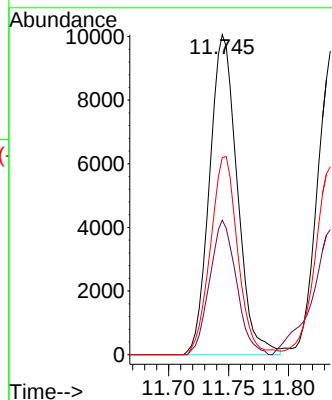
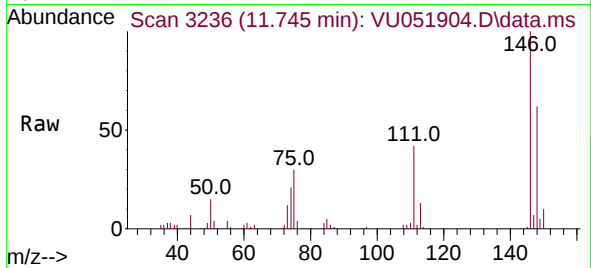




#64
1,3-Dichlorobenzene
Concen: 0.525 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

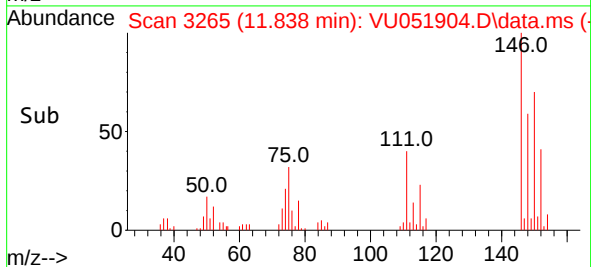
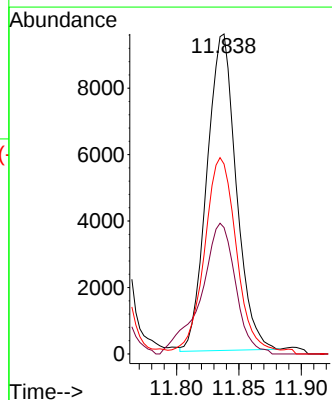
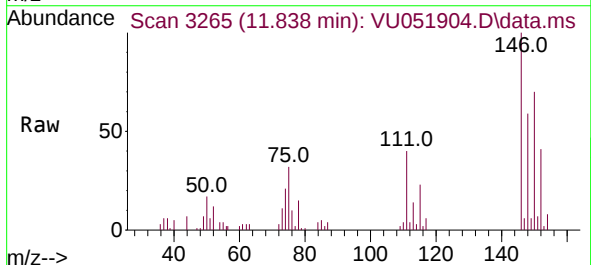
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

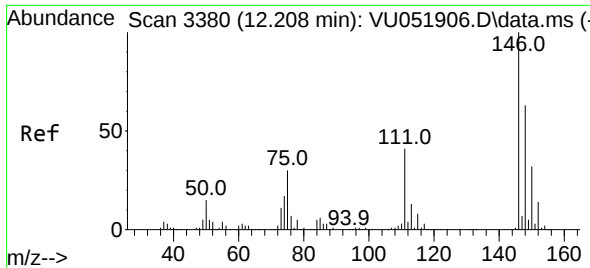
Tgt Ion:146 Resp: 16086
Ion Ratio Lower Upper
146 100
111 42.1 28.6 53.2
148 61.6 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 0.511 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion:146 Resp: 15611
Ion Ratio Lower Upper
146 100
111 39.5 26.9 50.1
148 59.3 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 0.519 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5068

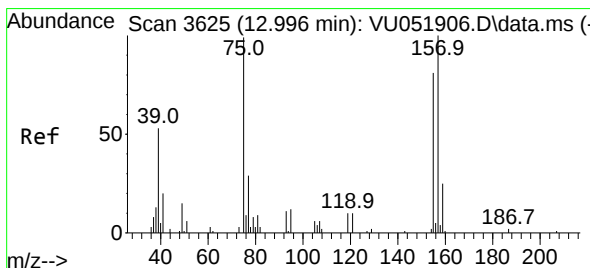
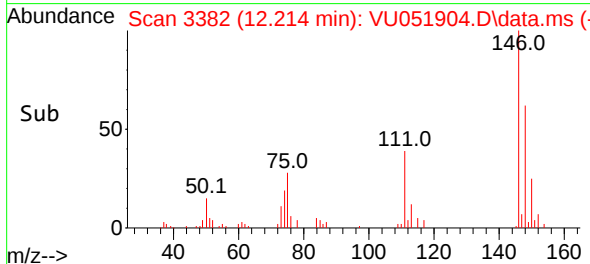
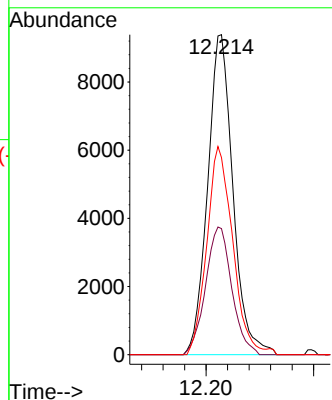
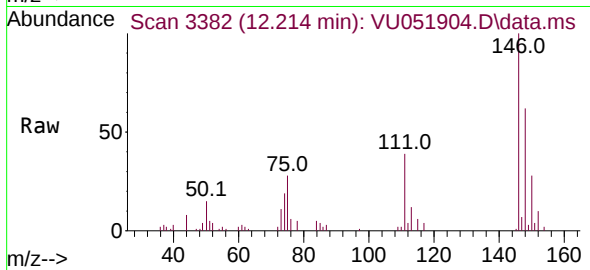
Tgt Ion:146 Resp: 15337

Ion Ratio Lower Upper

146 100

111 39.4 32.7 49.1

148 61.6 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.633 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU051904.D

Acq: 18 Nov 2022 14:41

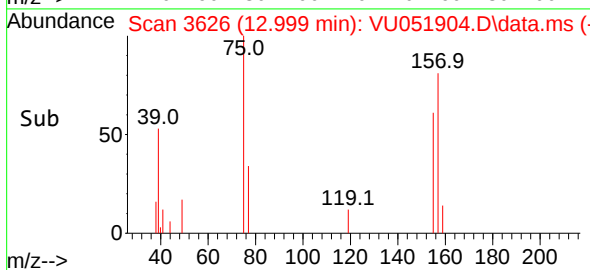
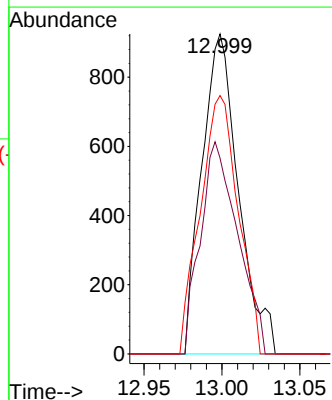
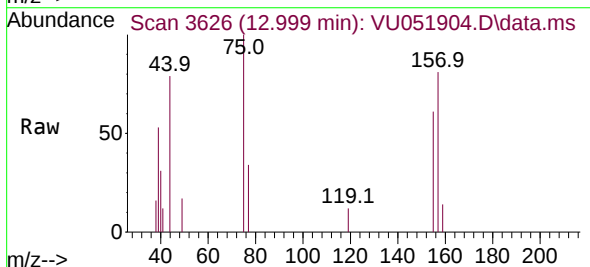
Tgt Ion: 75 Resp: 1516

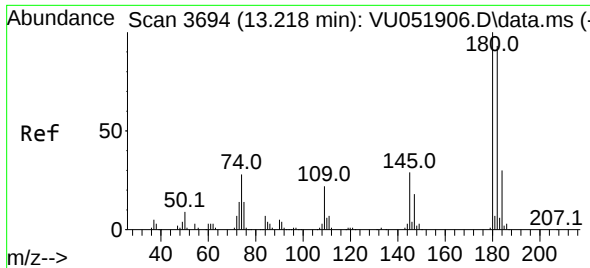
Ion Ratio Lower Upper

75 100

155 61.2 65.4 98.2#

157 80.8 80.5 120.7

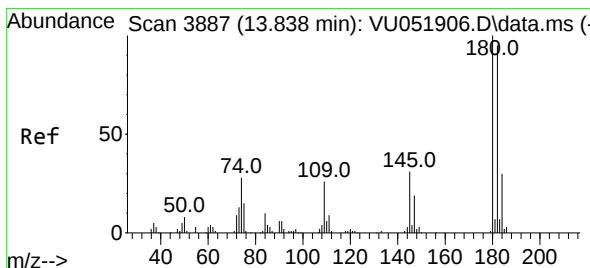
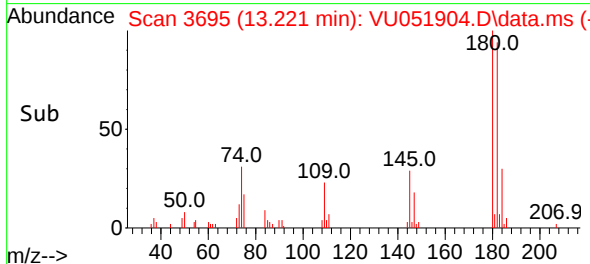
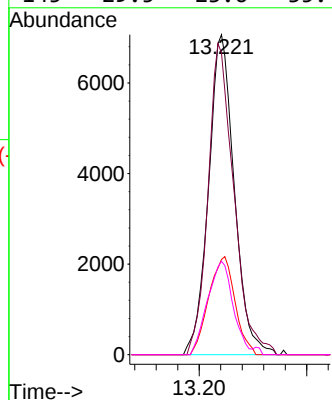
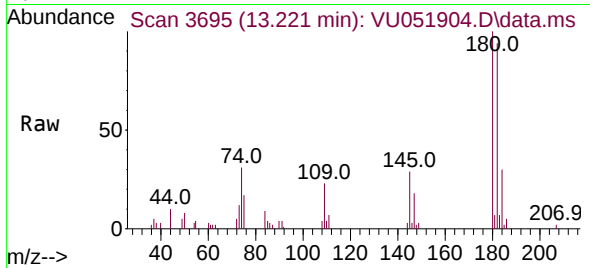




#69
 1,3,5-Trichlorobenzene
 Concen: 0.540 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU051904.D
 Acq: 18 Nov 2022 14:41

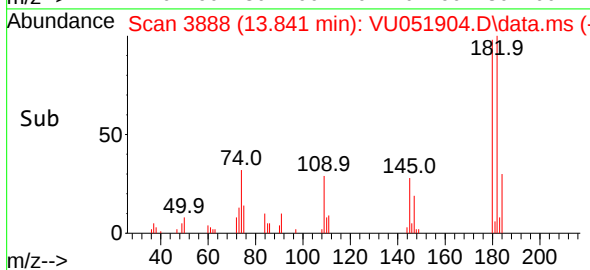
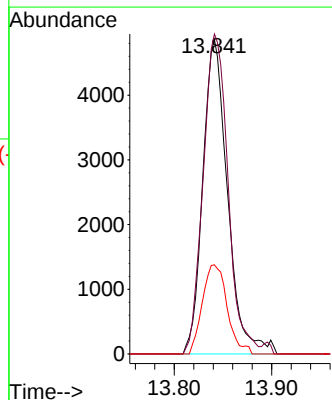
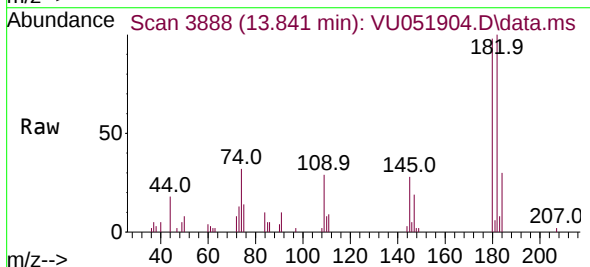
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5068

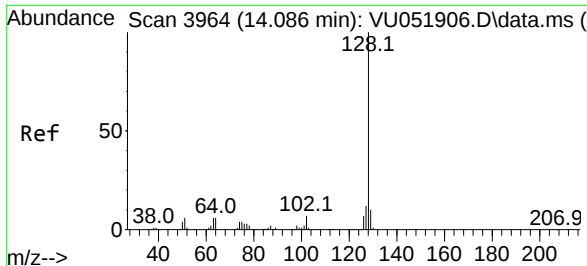
Tgt Ion:	180	Resp:	11749
Ion Ratio	Lower	Upper	
180	100		
182	97.1	75.7	113.5
184	31.2	24.3	36.5
145	29.5	23.6	35.4



#70
 1,2,4-trichlorobenzene
 Concen: 0.519 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU051904.D
 Acq: 18 Nov 2022 14:41

Tgt Ion:	180	Resp:	8589
Ion Ratio	Lower	Upper	
180	100		
182	101.9	76.3	114.5
145	28.3	24.6	36.8

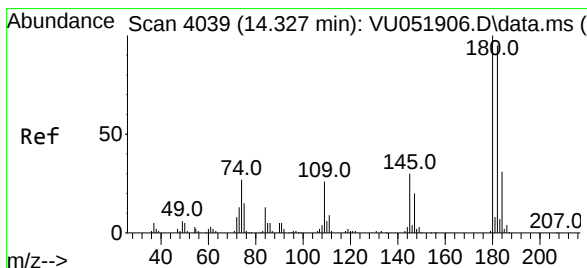
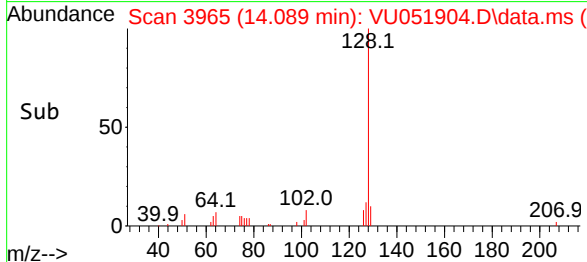
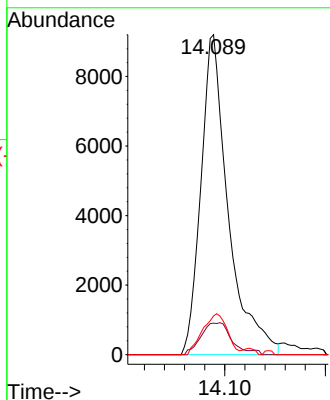
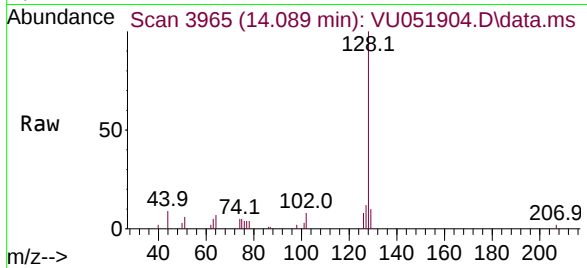




#71
Naphthalene
Concen: 0.558 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5068

Tgt Ion:128	Resp:	17340
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.3 12.5
127	11.6	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.508 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051904.D
Acq: 18 Nov 2022 14:41

Tgt Ion:180	Resp:	8281
Ion Ratio	Lower	Upper
180	100	
182	106.9	75.7 113.5
145	32.3	24.5 36.7

