

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051905.D
 Acq On : 18 Nov 2022 15:08
 Operator : JC/MD
 Sample : VSTD00169
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001069

Quant Time: Nov 18 22:00:13 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	239616	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	243414	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	107720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	22118	0.949	ug/L	0.00
7) Chloroethane-d5	1.912	69	17795	0.983	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	8016	0.959	ug/L	0.00
20) 2-Butanone-d5	4.652	46	37992	8.934	ug/L	0.02
24) Chloroform-d	5.063	84	32985	0.963	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	16700	0.965	ug/L	0.00
32) Benzene-d6	5.729	84	66053	0.914	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	20693	0.925	ug/L	0.00
41) Toluene-d8	7.896	98	58502	0.895	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	6853	0.841	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	25817	7.475	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	17902	0.923	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	19972	0.968	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	20090	0.967	ug/L	100
3) Chloromethane	1.523	50	27473	1.013	ug/L	96
5) Vinyl chloride	1.604	62	25332	0.972	ug/L	95
6) Bromomethane	1.858	94	12817	0.958	ug/L	98
8) Chloroethane	1.935	64	16903	1.043	ug/L	98
9) Trichlorofluoromethane	2.138	101	27154	0.947	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	16913	0.965	ug/L	99
12) 1,1-Dichloroethene	2.581	96	16608	0.955	ug/L	84
13) Acetone	2.655	43	28060	9.781	ug/L	97
14) Carbon disulfide	2.793	76	58317	0.969	ug/L	100
15) Methyl Acetate	2.964	43	7984	1.073	ug/L	91
16) Methylene chloride	3.047	84	24398	1.038	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	37020	0.951	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	18369	0.986	ug/L	93
19) 1,1-Dichloroethane	3.871	63	31884	0.949	ug/L	95
21) 2-Butanone	4.726	43	40634	8.840	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	18039	0.922	ug/L	96
23) Bromochloromethane	4.977	128	9322	0.996	ug/L	96
25) Chloroform	5.089	83	32955	0.968	ug/L	97
27) 1,2-Dichloroethane	5.793	62	20362	0.977	ug/L #	93
29) 1,1,1-Trichloroethane	5.317	97	24296	0.900	ug/L	94
30) Cyclohexane	5.388	56	21097	0.805	ug/L	99
31) Carbon tetrachloride	5.523	117	21520	0.938	ug/L	99
33) Benzene	5.774	78	73428	0.927	ug/L	100
34) Trichloroethene	6.543	95	18442	0.933	ug/L	100
35) Methylcyclohexane	6.761	83	22602	0.795	ug/L	98
37) 1,2-Dichloropropane	6.790	63	19149	0.934	ug/L	99
38) Bromodichloromethane	7.105	83	23888	0.955	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	22779	0.865	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	88538	8.264	ug/L	96
42) Toluene	7.967	91	70572	0.866	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	19970	0.886	ug/L	98

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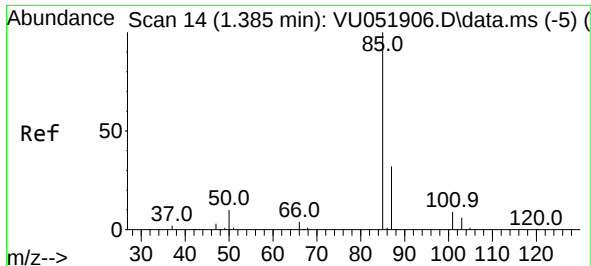
Instrument :
 MSVOA_U
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Quant Time: Nov 18 22:00:13 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.398	97	14515	0.942	ug/L	98
47) Tetrachloroethene	8.552	164	13945	0.921	ug/L	91
48) 2-Hexanone	8.687	43	64574	8.180	ug/L	96
49) Dibromochloromethane	8.809	129	15479	0.897	ug/L	91
50) 1,2-Dibromoethane	8.922	107	13337	0.950	ug/L #	97
51) Chlorobenzene	9.446	112	47666	0.917	ug/L	98
52) Ethylbenzene	9.568	91	65390	0.825	ug/L	97
53) m,p-Xylene	9.694	106	22849	0.745	ug/L	85
54) o-Xylene	10.099	106	22490	0.765	ug/L	96
55) Styrene	10.115	104	36673	0.739	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	17923	0.931	ug/L	97
59) Bromoform	10.292	173	8646	0.975	ug/L	94
60) Isopropylbenzene	10.484	105	57198	0.845	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	13009	1.055	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	42022	0.777	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	40423	0.753	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	31784	0.920	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	32581	0.946	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	31032	0.933	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	2578	0.956	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	21908	0.894	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	15727	0.843	ug/L	99
71) Naphthalene	14.089	128	26111	0.745	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	15790	0.860	ug/L	99

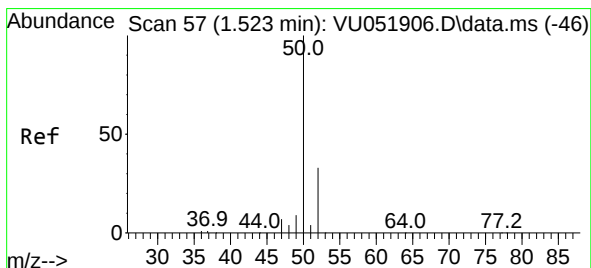
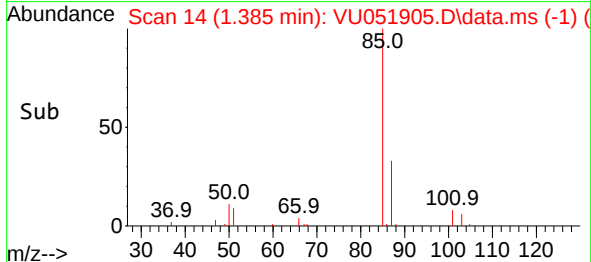
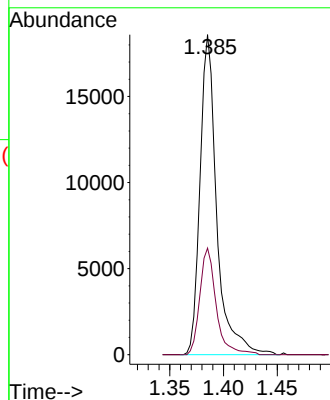
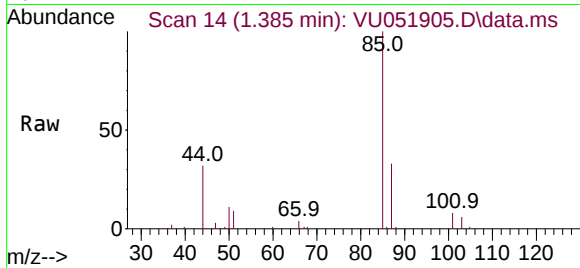
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#2
Dichlorodifluoromethane
Concen: 0.967 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051905.D
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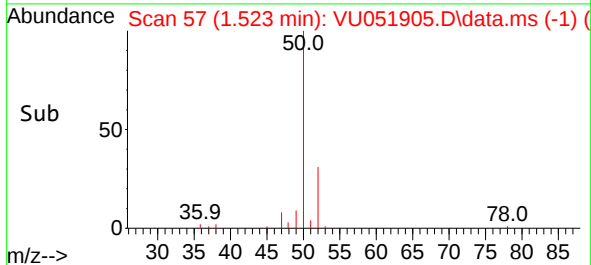
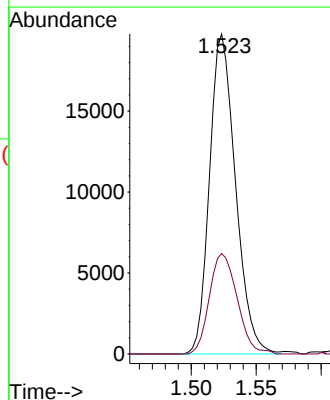
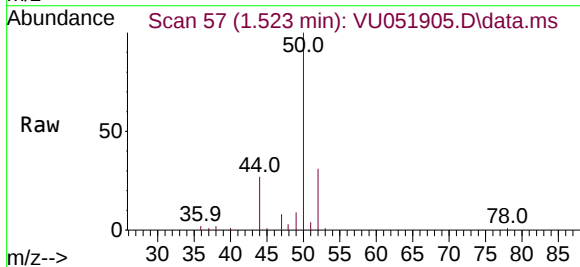
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VSTD001069

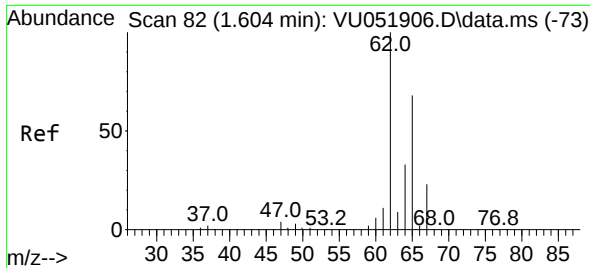
Tgt Ion: 85 Resp: 20090
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.8



#3
Chloromethane
Concen: 1.013 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion: 50 Resp: 27473
Ion Ratio Lower Upper
50 100
52 31.4 23.4 43.4

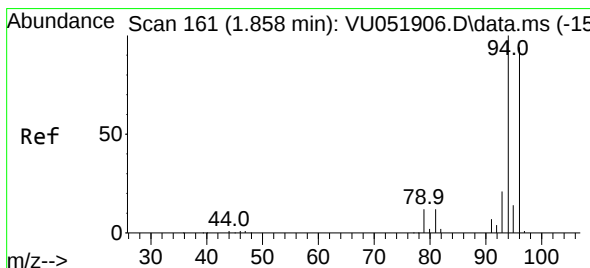
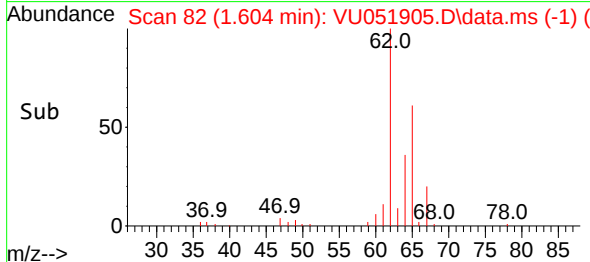
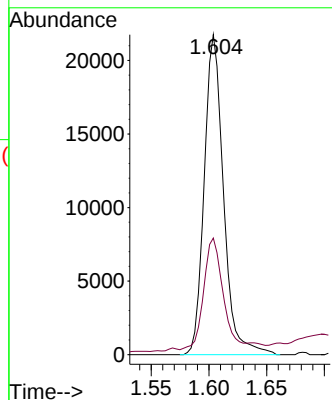
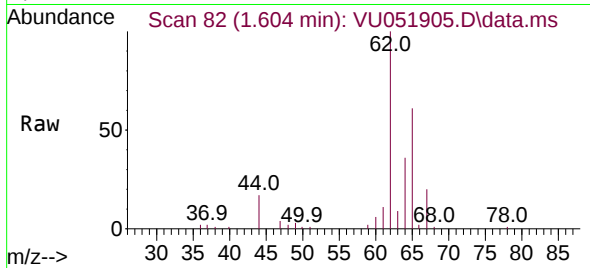




#5
 Vinyl chloride
 Concen: 0.972 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051905.D
 Acq: 18 Nov 2022 15:08

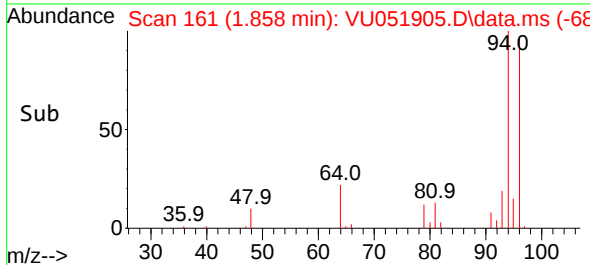
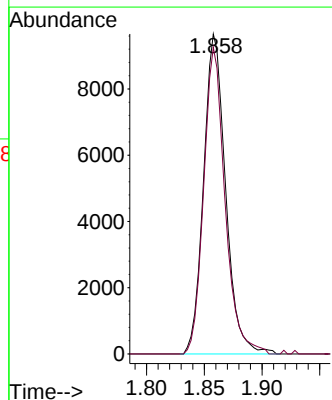
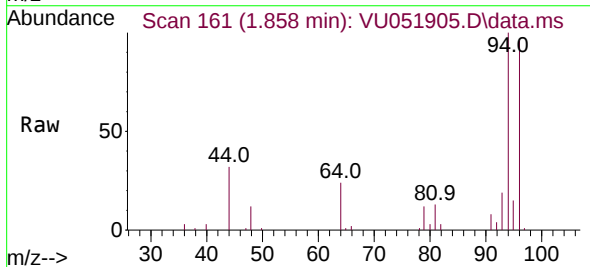
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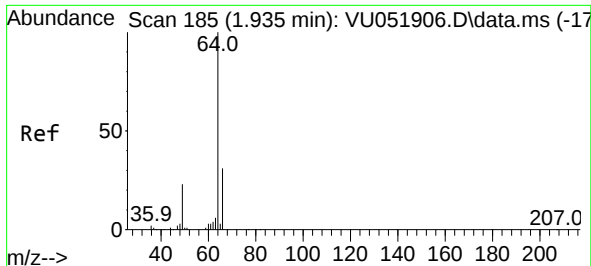
Tgt Ion: 62 Resp: 25332
 Ion Ratio Lower Upper
 62 100
 64 36.5 23.5 43.7



#6
 Bromomethane
 Concen: 0.958 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU051905.D
 Acq: 18 Nov 2022 15:08

Tgt Ion: 94 Resp: 12817
 Ion Ratio Lower Upper
 94 100
 96 95.8 65.7 122.1

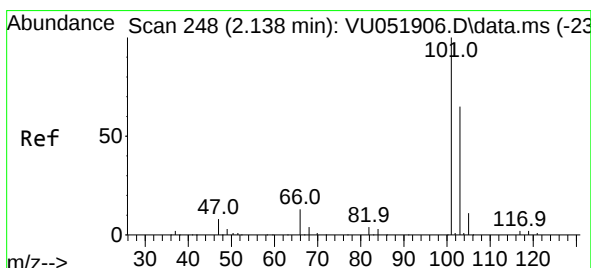
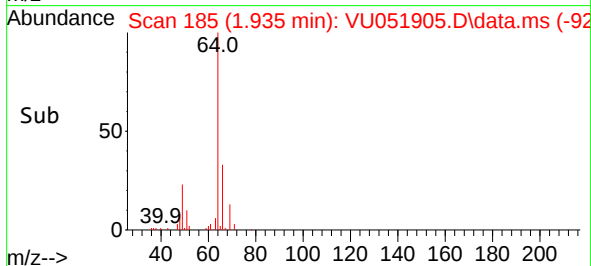
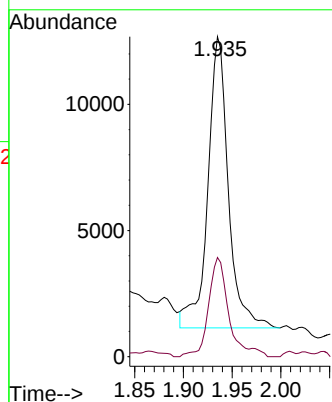
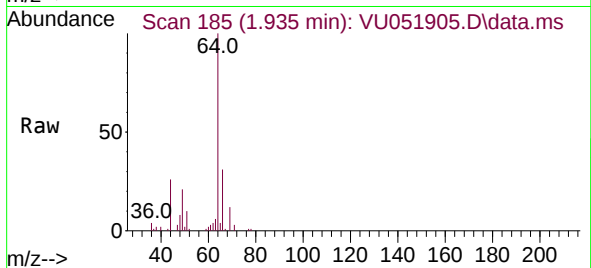




#8
Chloroethane
Concen: 1.043 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

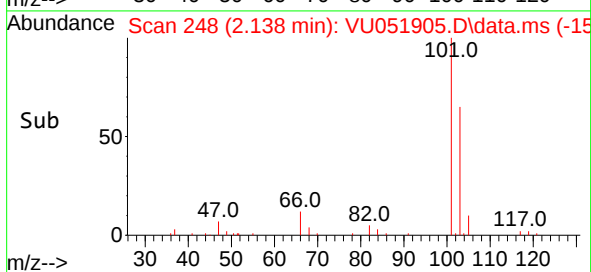
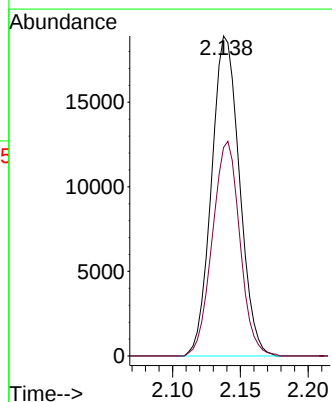
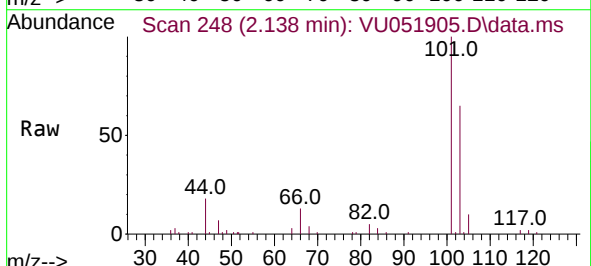
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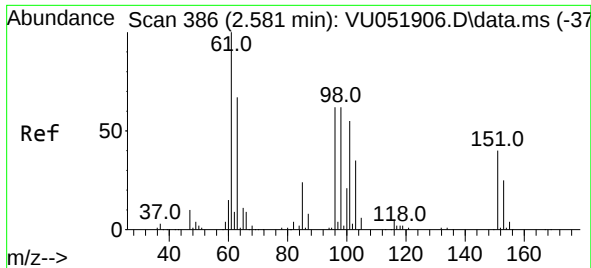
Tgt Ion: 64 Resp: 16903
Ion Ratio Lower Upper
64 100
66 31.0 21.1 39.1



#9
Trichlorofluoromethane
Concen: 0.947 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion:101 Resp: 27154
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

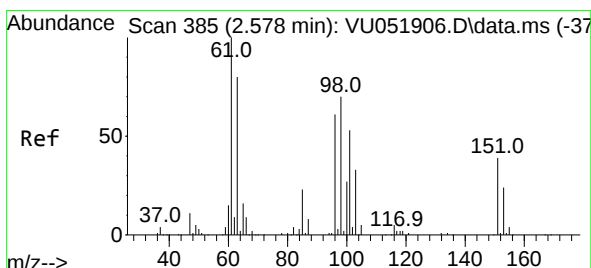
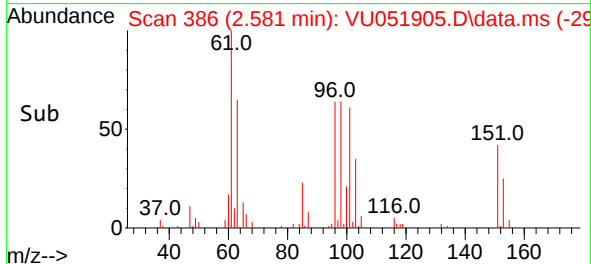
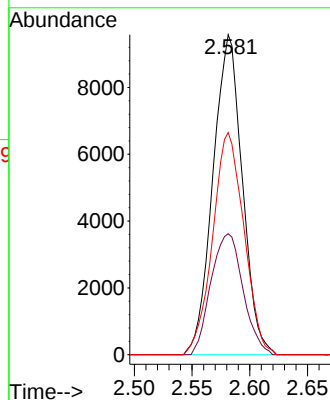
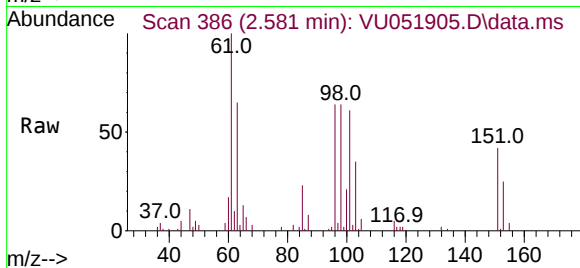




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.965 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

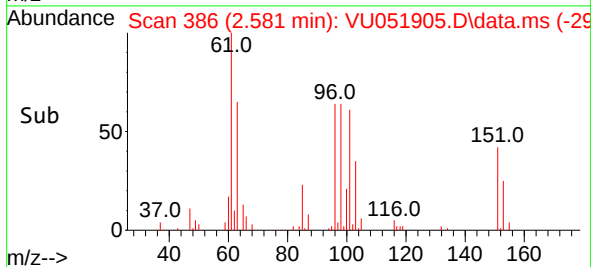
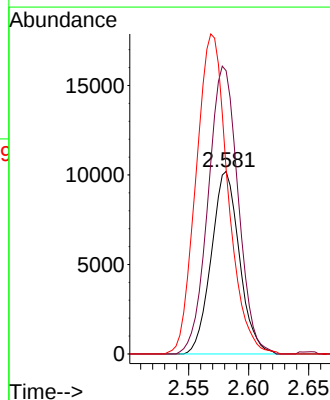
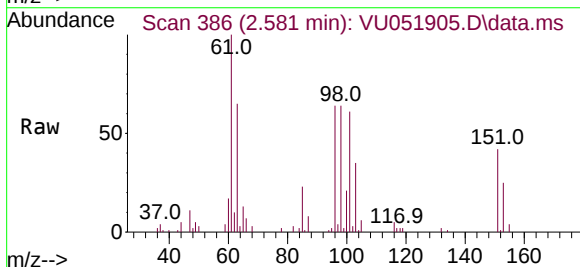
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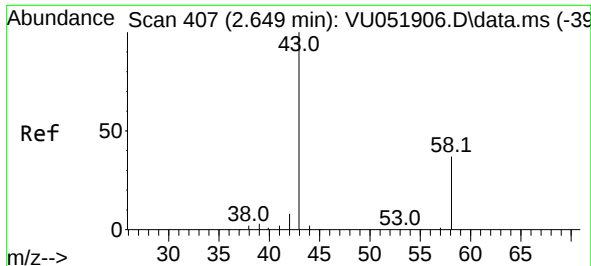
Tgt Ion:	101	Resp:	16913
Ion	Ratio	Lower	Upper
101	100		
85	41.3	33.8	50.6
151	74.0	58.6	88.0



#12
1,1-Dichloroethene
Concen: 0.955 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion:	96	Resp:	16608
Ion	Ratio	Lower	Upper
96	100		
61	155.2	114.8	213.2
63	101.2	93.7	174.1





#13

Acetone

Concen: 9.781 ug/L

RT: 2.655 min Scan# 407

Delta R.T. 0.006 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

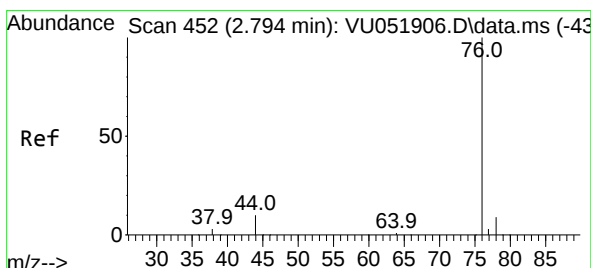
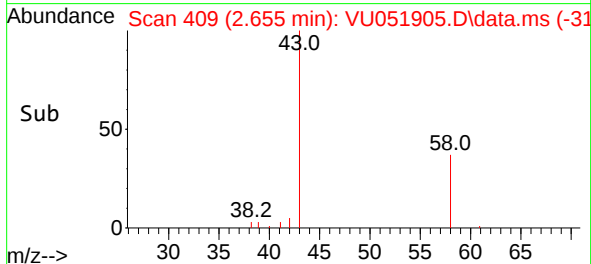
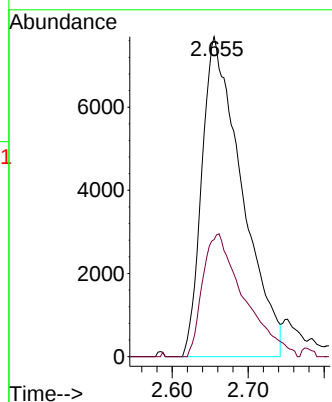
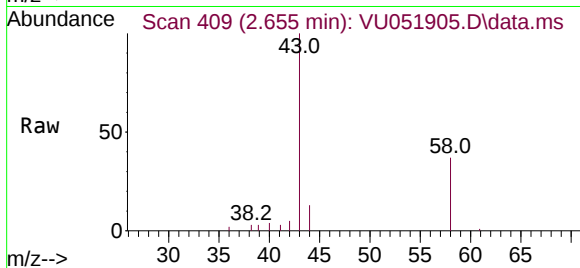
VSTD001069

Tgt Ion: 43 Resp: 28060

Ion Ratio Lower Upper

43 100

58 39.6 0.0 76.0



#14

Carbon disulfide

Concen: 0.969 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051905.D

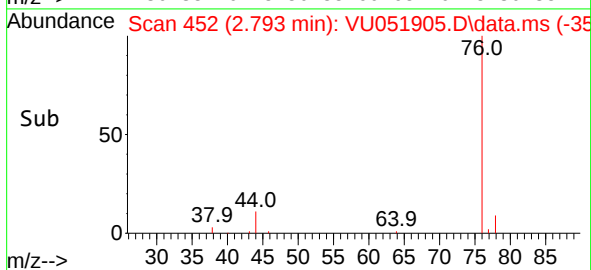
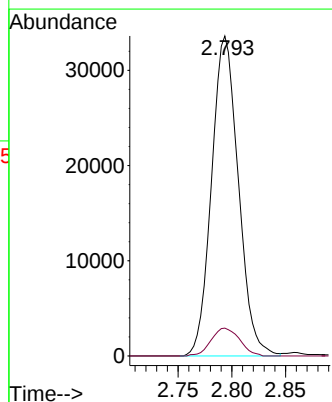
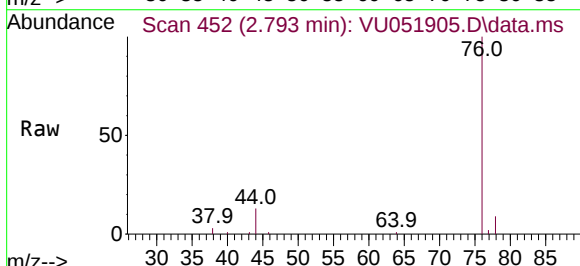
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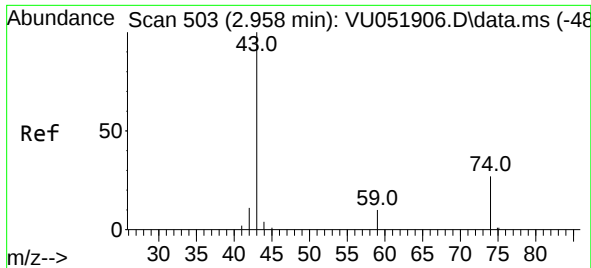
Tgt Ion: 76 Resp: 58317

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4

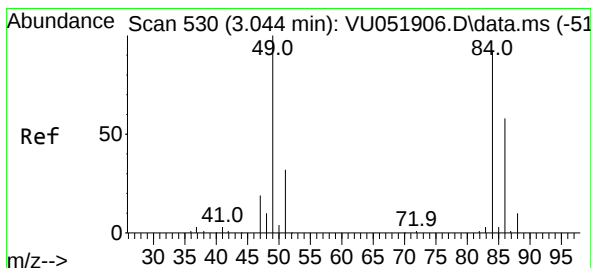
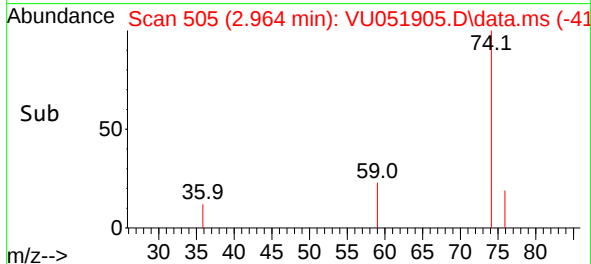
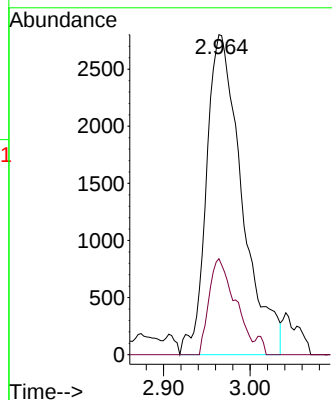
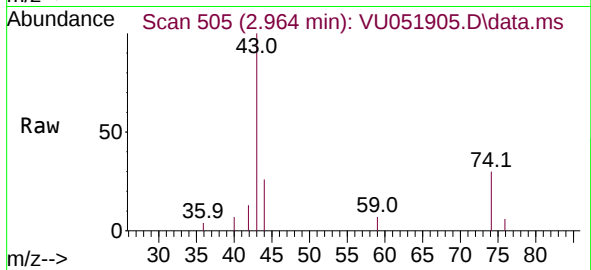




#15
Methyl Acetate
Concen: 1.073 ug/L
RT: 2.964 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

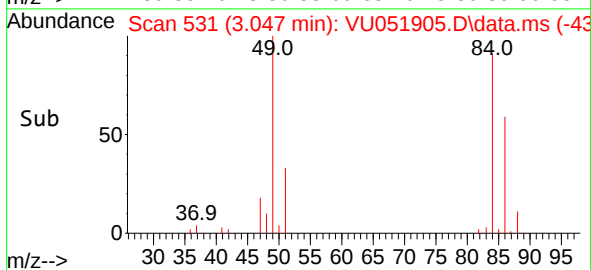
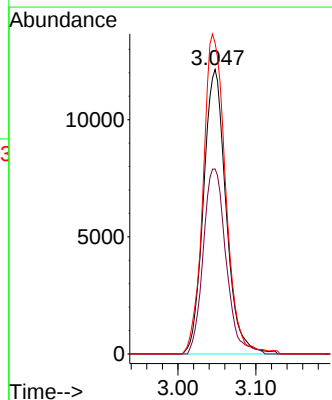
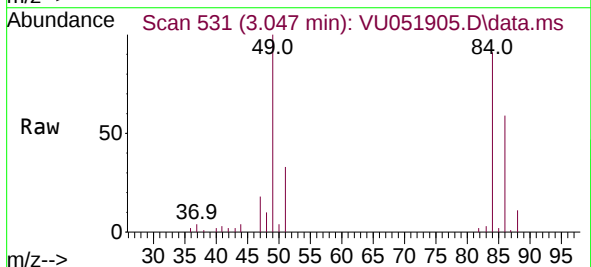
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ClientSampleId :
VSTD001069

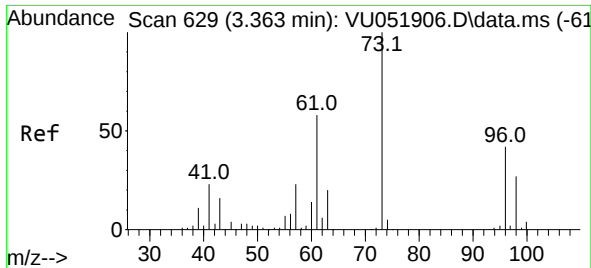
Tgt Ion: 43 Resp: 7984
Ion Ratio Lower Upper
43 100
74 21.9 21.3 31.9



#16
Methylene chloride
Concen: 1.038 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion: 84 Resp: 24398
Ion Ratio Lower Upper
84 100
86 65.0 43.8 81.4
49 109.4 75.9 141.1

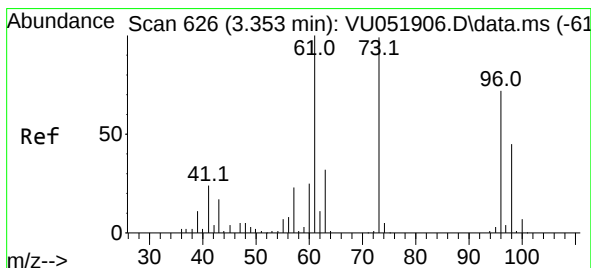
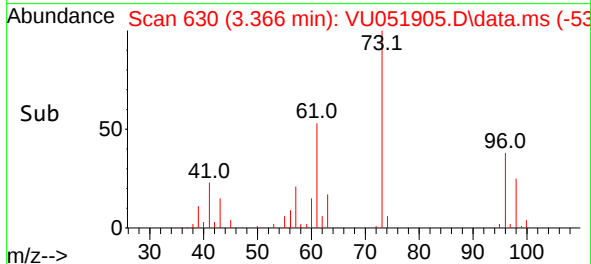
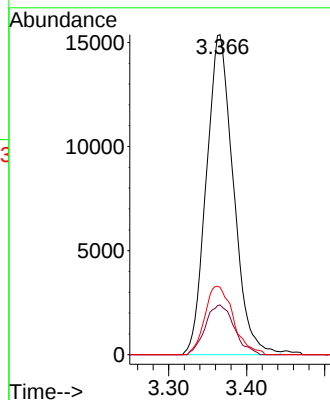
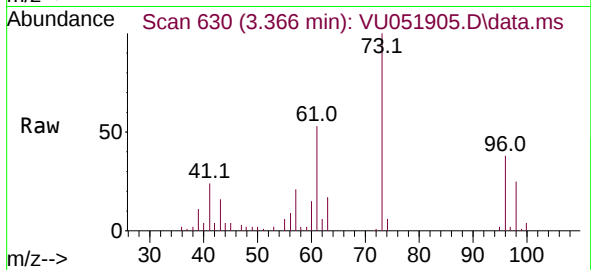




#17
Methyl tert-butyl Ether
Concen: 0.951 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

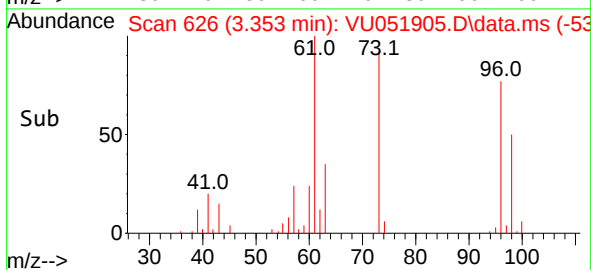
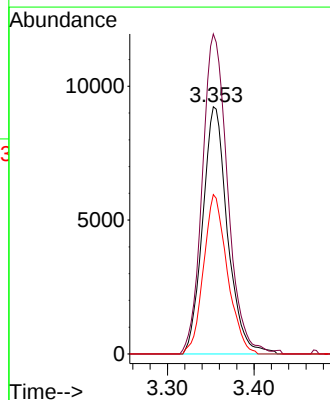
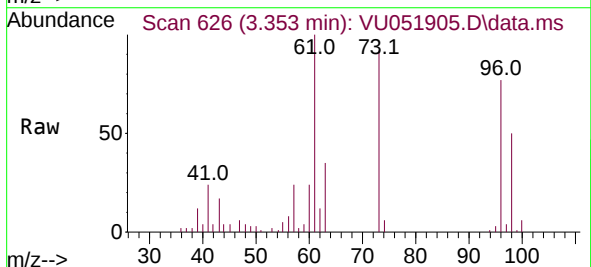
Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

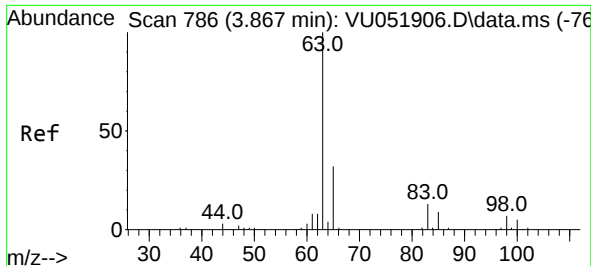
Tgt Ion: 73	Resp:	37020
Ion	Ratio	Lower Upper
73	100	
43	16.6	13.2 19.8
57	22.6	17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 0.986 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion: 96	Resp:	18369
Ion	Ratio	Lower Upper
96	100	
61	129.5	97.9 181.7
98	64.5	43.8 81.3





#19

1,1-Dichloroethane

Concen: 0.949 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001069

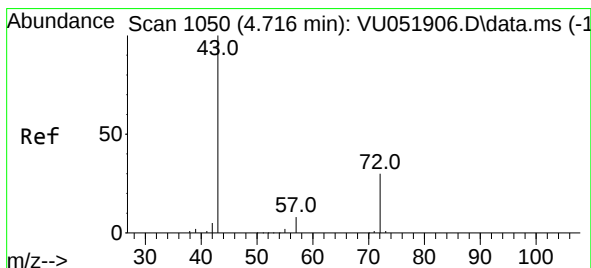
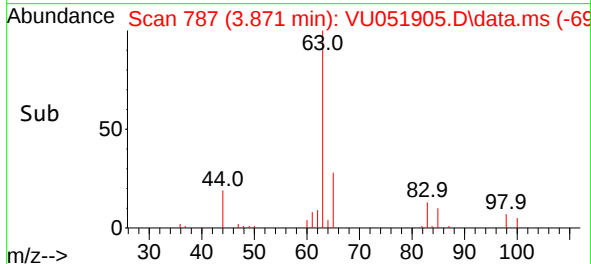
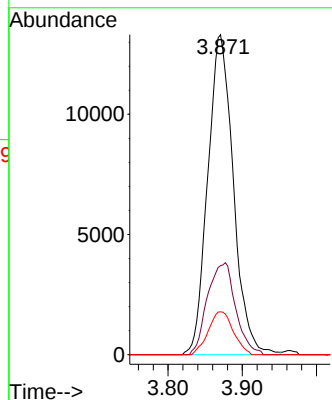
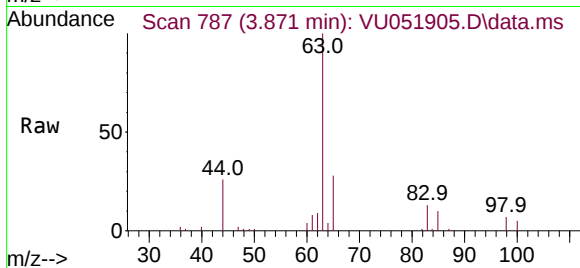
Tgt Ion: 63 Resp: 31884

Ion Ratio Lower Upper

63 100

65 27.8 22.2 41.2

83 13.4 9.2 17.0



#21

2-Butanone

Concen: 8.840 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.010 min

Lab File: VU051905.D

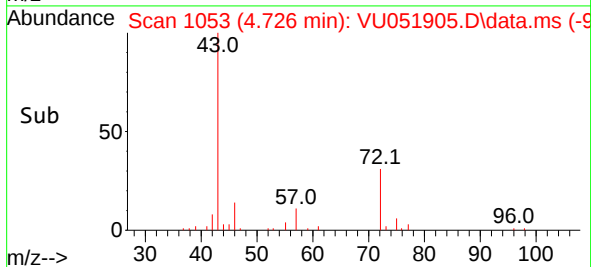
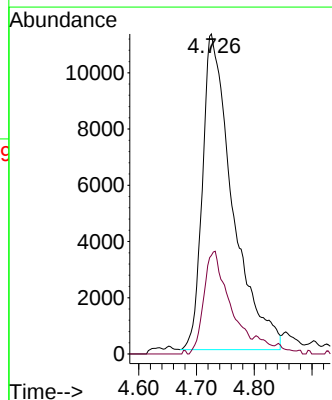
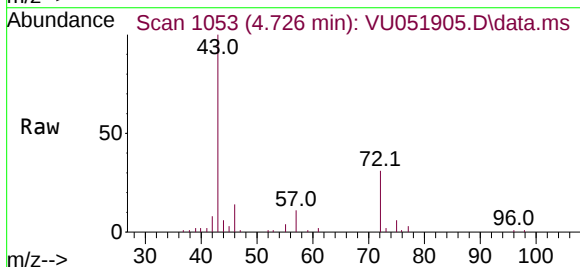
Acq: 18 Nov 2022 15:08

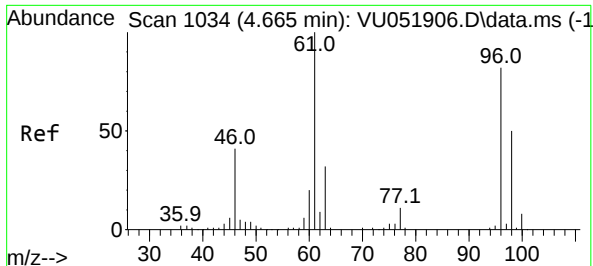
Tgt Ion: 43 Resp: 40634

Ion Ratio Lower Upper

43 100

72 27.7 15.6 46.8





#22

cis-1,2-Dichloroethene

Concen: 0.922 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001069

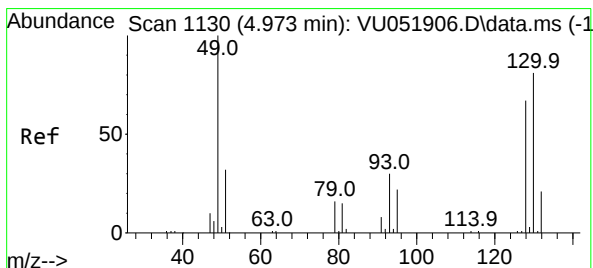
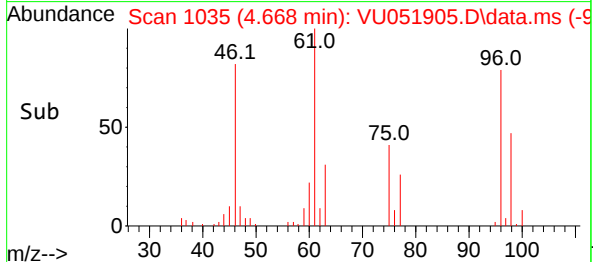
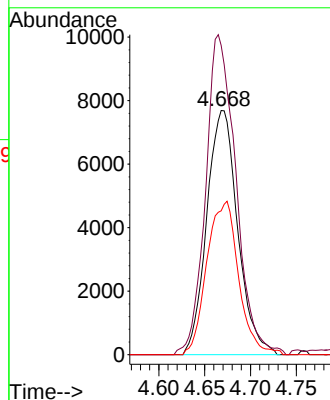
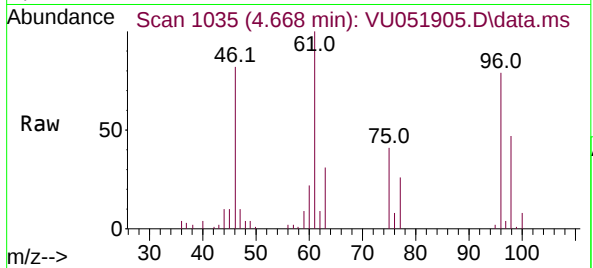
Tgt Ion: 96 Resp: 18039

Ion Ratio Lower Upper

96 100

61 126.6 85.1 158.1

98 58.9 42.8 79.6



#23

Bromochloromethane

Concen: 0.996 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Tgt Ion:128 Resp: 9322

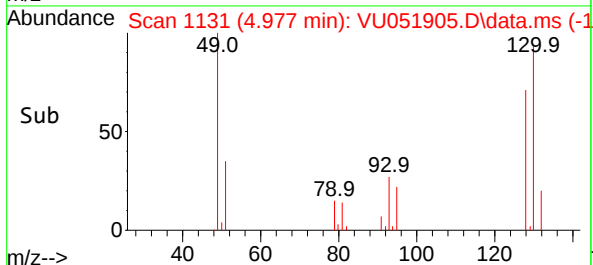
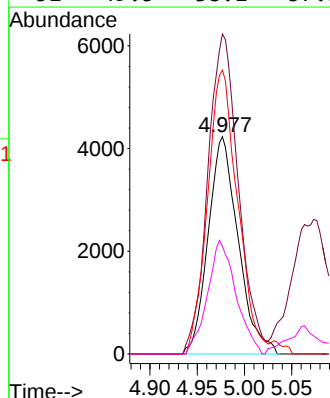
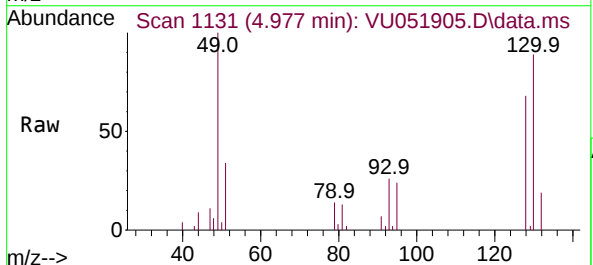
Ion Ratio Lower Upper

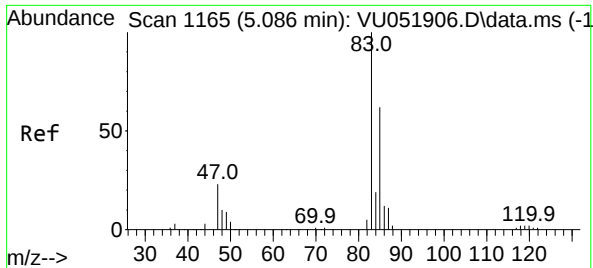
128 100

49 147.3 104.0 193.2

130 130.7 84.6 157.2

51 49.5 38.1 57.1





#25

Chloroform

Concen: 0.968 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

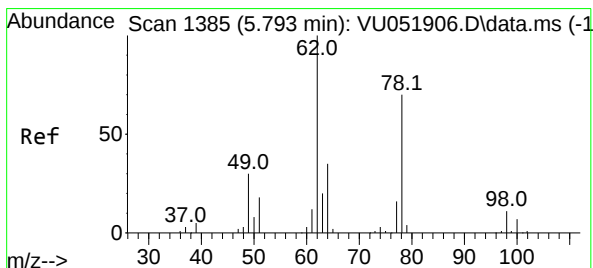
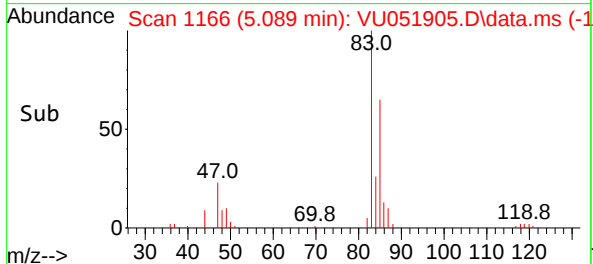
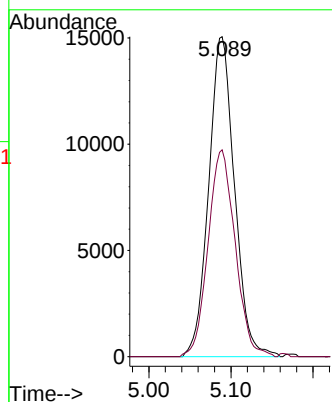
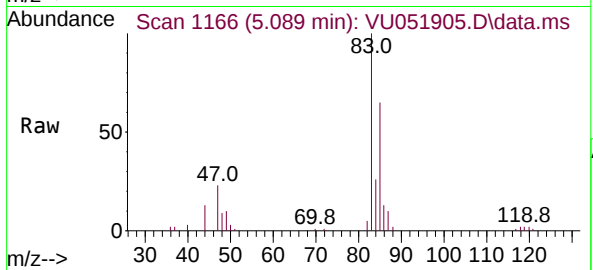
VSTD001069

Tgt Ion: 83 Resp: 32955

Ion Ratio Lower Upper

83 100

85 64.6 43.8 81.4



#27

1,2-Dichloroethane

Concen: 0.977 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051905.D

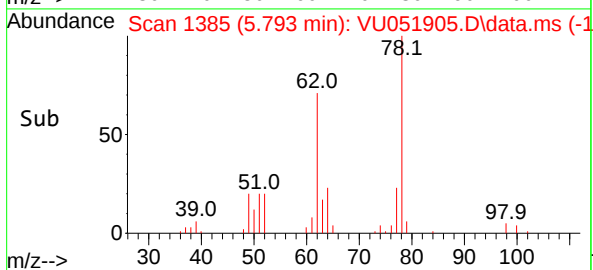
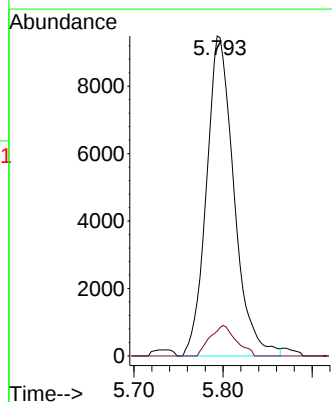
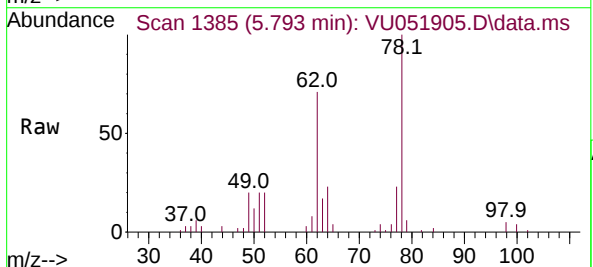
Acq: 18 Nov 2022 15:08

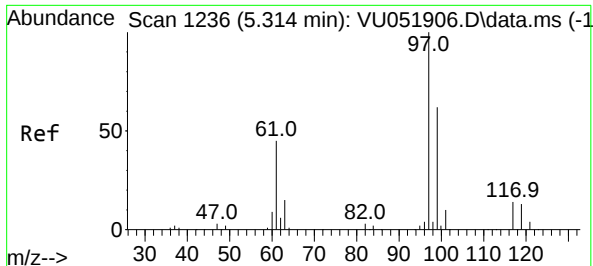
Tgt Ion: 62 Resp: 20362

Ion Ratio Lower Upper

62 100

98 7.7 8.4 12.6#

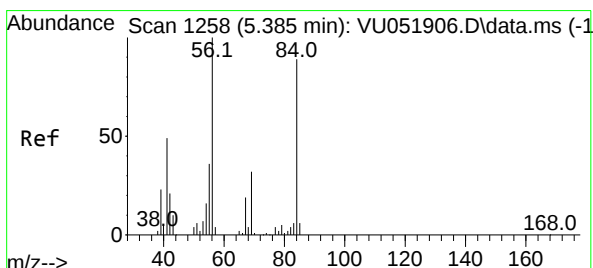
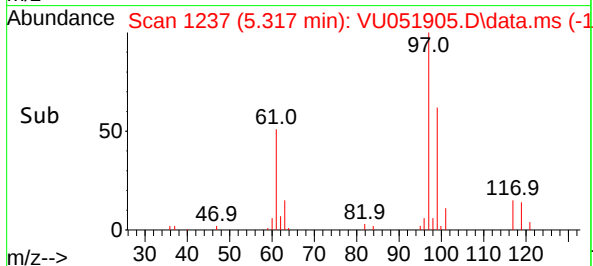
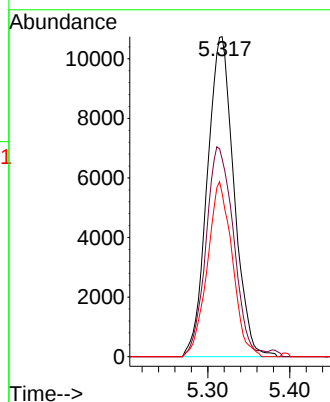
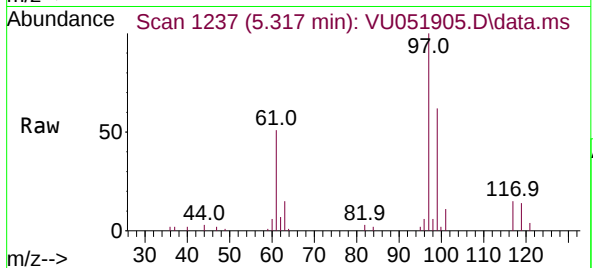




#29
1,1,1-Trichloroethane
Concen: 0.900 ug/L
RT: 5.317 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

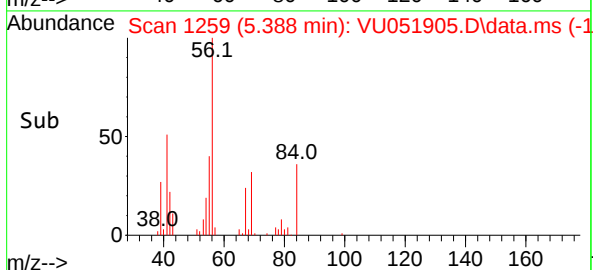
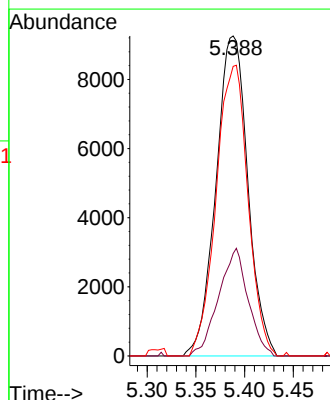
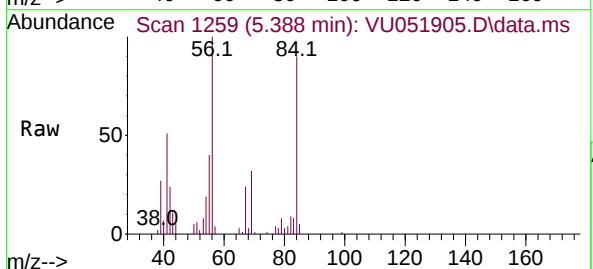
Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

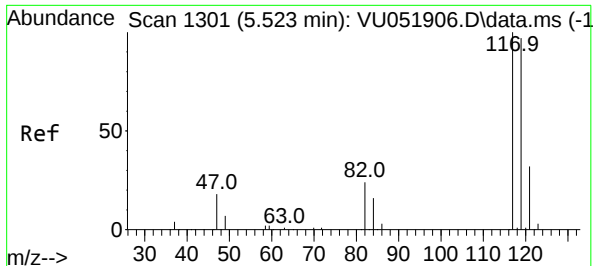
Tgt Ion: 97	Resp: 24296
Ion Ratio	Lower Upper
97 100	
99 67.8	51.0 76.6
61 51.0	36.9 55.3



#30
Cyclohexane
Concen: 0.805 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion: 56	Resp: 21097
Ion Ratio	Lower Upper
56 100	
69 31.1	25.6 38.4
84 90.5	72.0 108.0

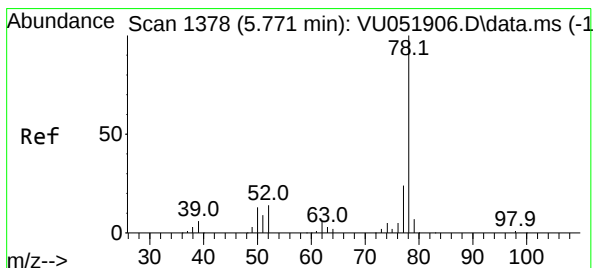
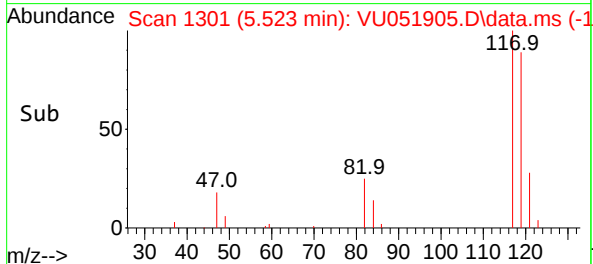
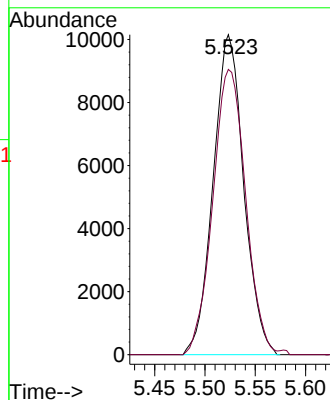
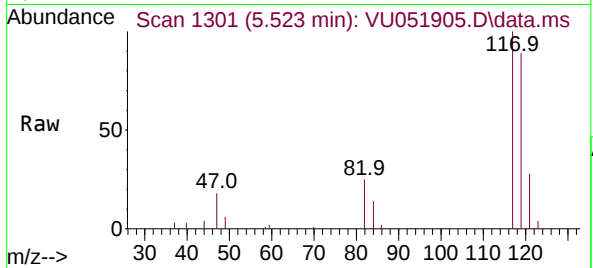




#31
Carbon tetrachloride
Concen: 0.938 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

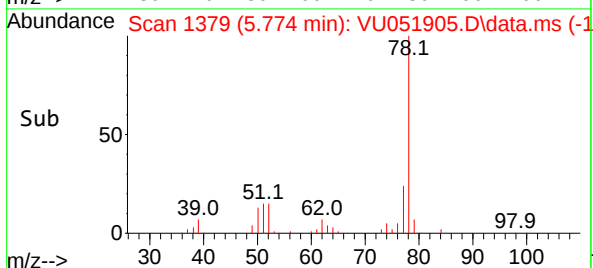
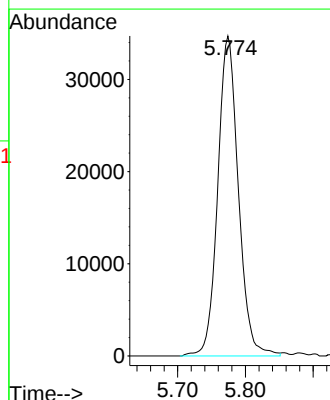
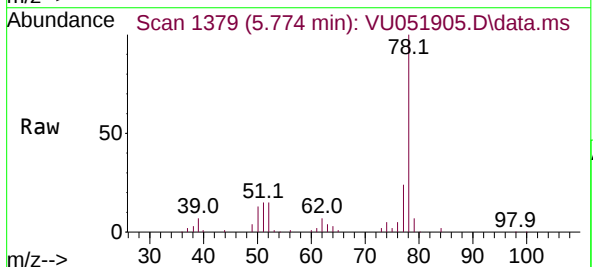
Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

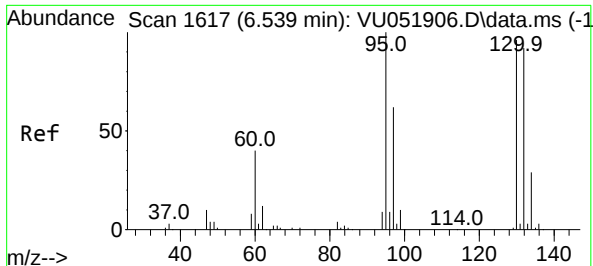
Tgt Ion:117 Resp: 21520
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8



#33
Benzene
Concen: 0.927 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion: 78 Resp: 73428



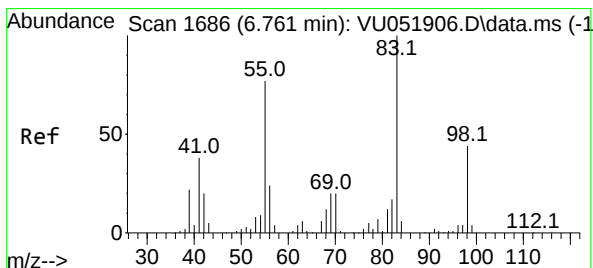
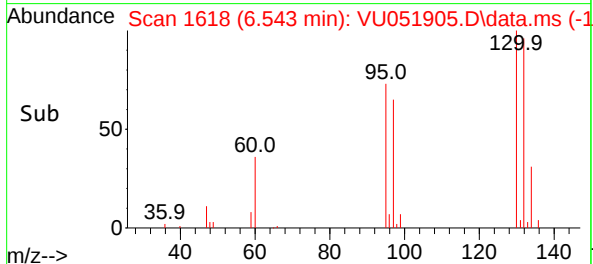
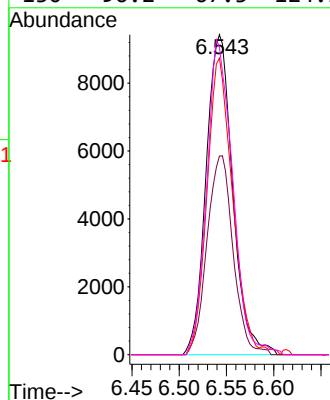
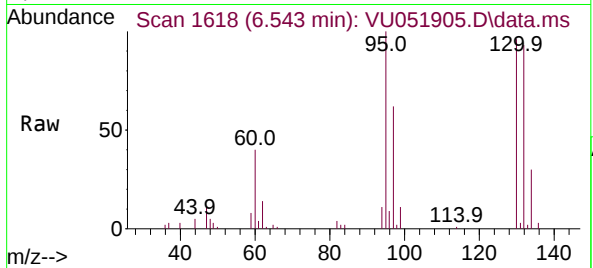


#34
Trichloroethene
Concen: 0.933 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

Tgt Ion: 95 Resp: 18442

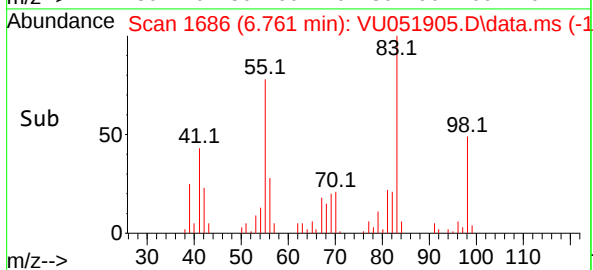
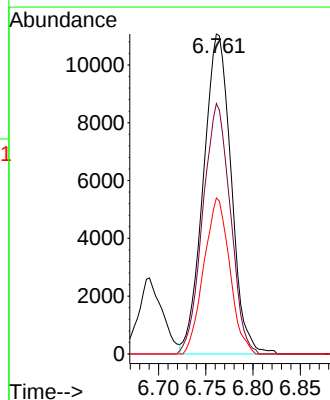
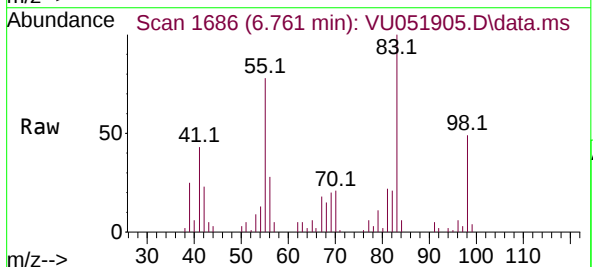
Ion	Ratio	Lower	Upper
95	100		
97	62.0	43.7	81.1
132	92.7	64.3	119.3
130	96.2	67.3	124.9

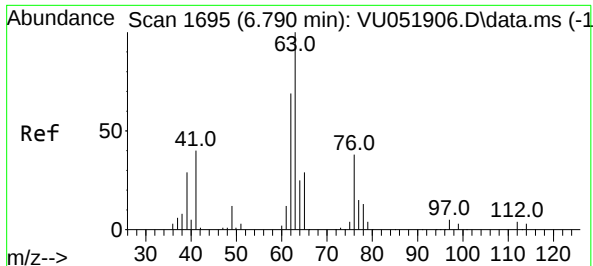


#35
Methylcyclohexane
Concen: 0.795 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion: 83 Resp: 22602

Ion	Ratio	Lower	Upper
83	100		
55	77.5	60.8	91.2
98	45.4	35.1	52.7





#37

1,2-Dichloropropane

Concen: 0.934 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

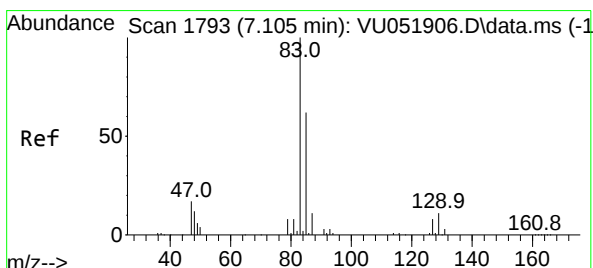
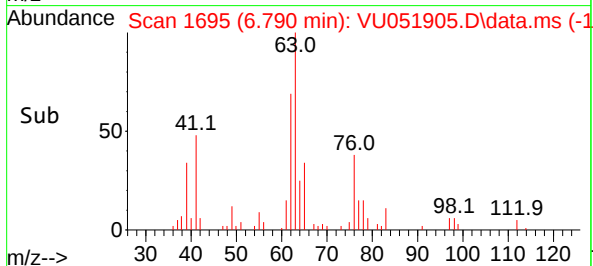
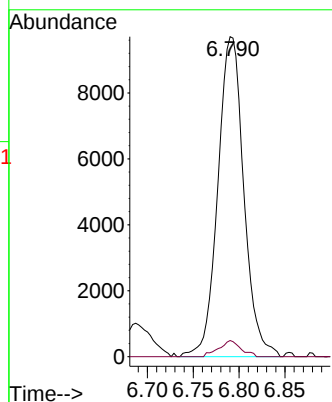
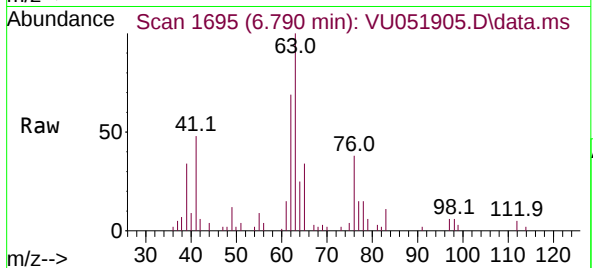
VSTD001069

Tgt Ion: 63 Resp: 19149

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 0.955 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

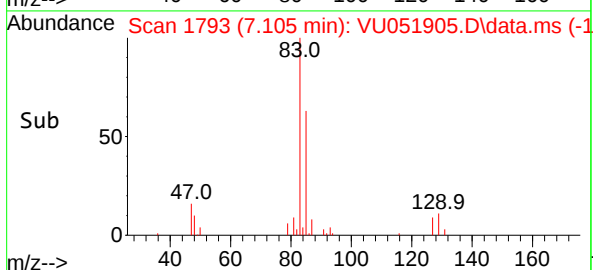
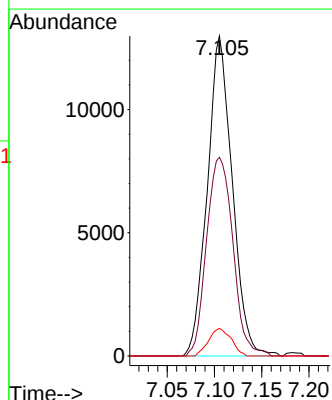
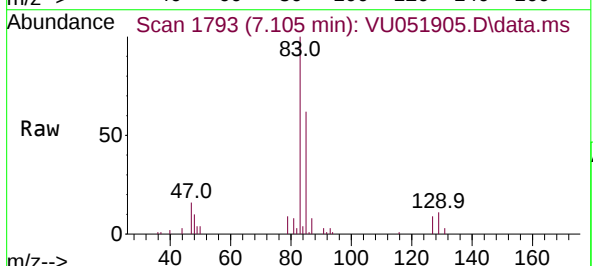
Tgt Ion: 83 Resp: 23888

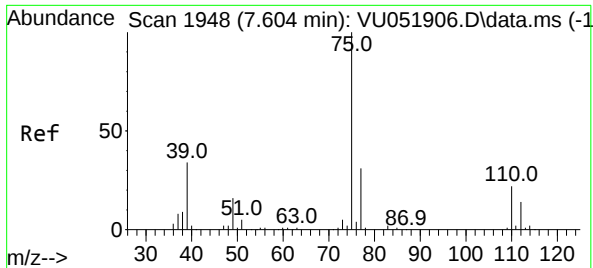
Ion Ratio Lower Upper

83 100

85 62.1 43.5 80.9

127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 0.865 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

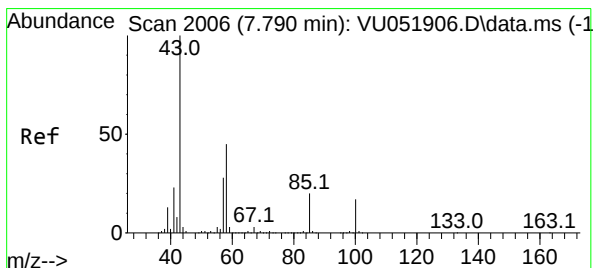
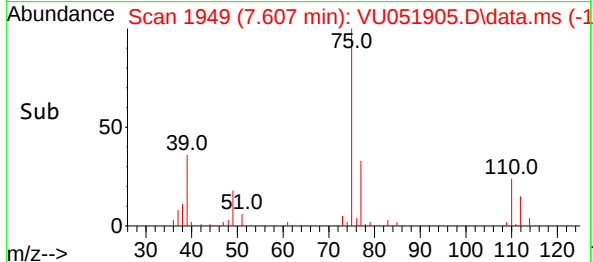
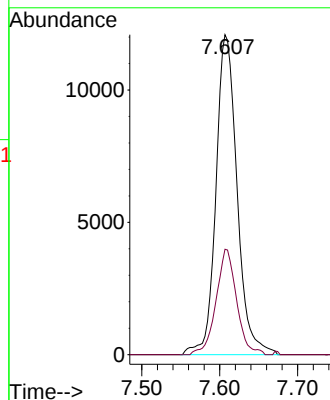
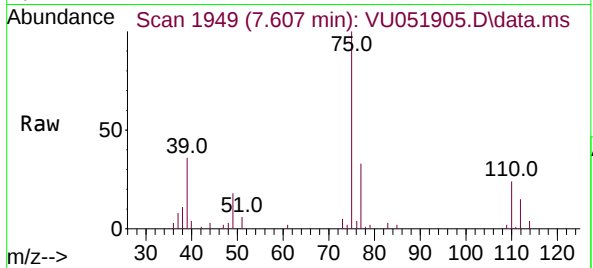
VSTD001069

Tgt Ion: 75 Resp: 22779

Ion Ratio Lower Upper

75 100

77 33.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 8.264 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

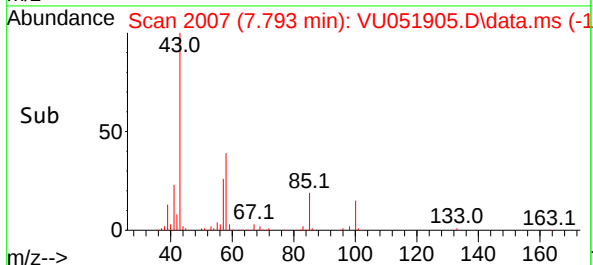
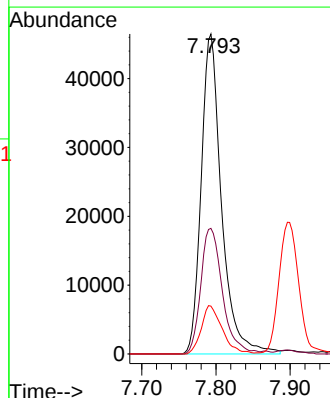
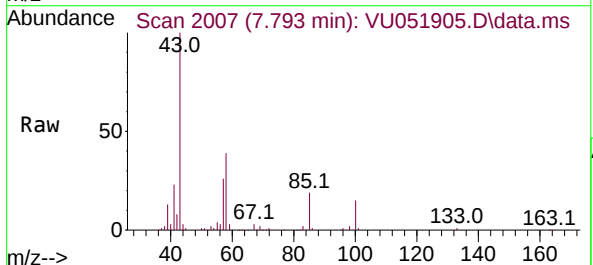
Tgt Ion: 43 Resp: 88538

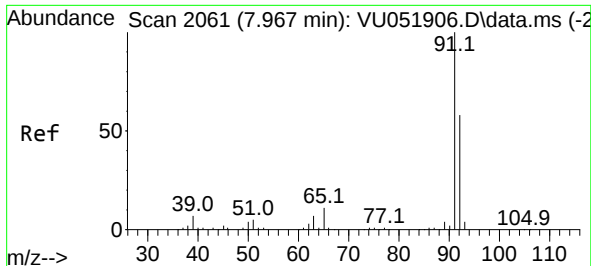
Ion Ratio Lower Upper

43 100

58 41.7 35.3 52.9

100 15.5 13.6 20.4





#42

Toluene

Concen: 0.866 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

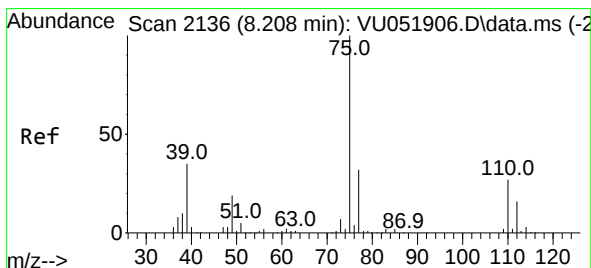
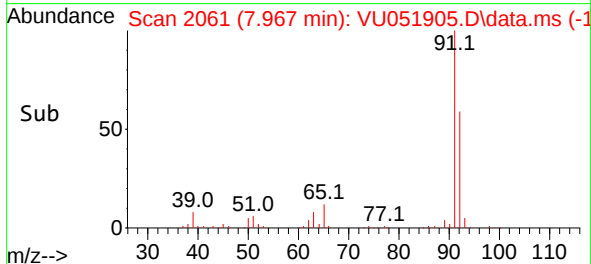
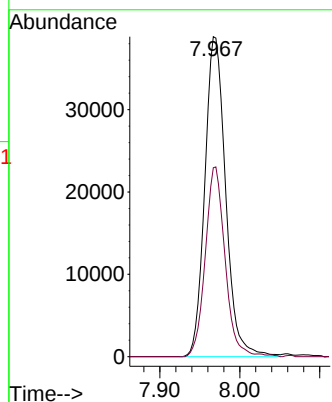
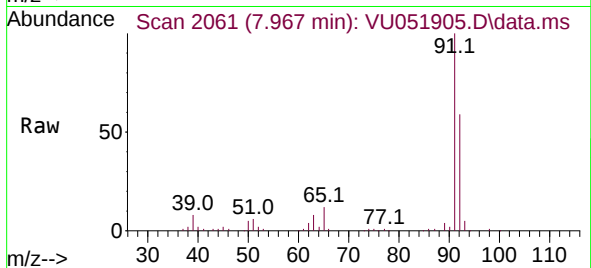
VSTD001069

Tgt Ion: 91 Resp: 70572

Ion Ratio Lower Upper

91 100

92 59.0 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 0.886 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051905.D

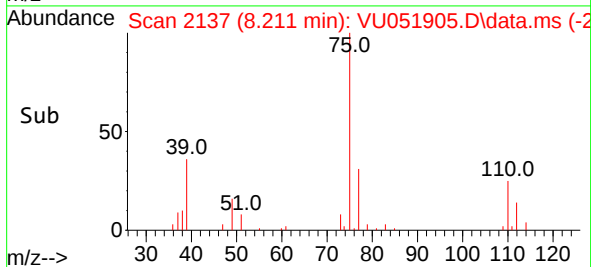
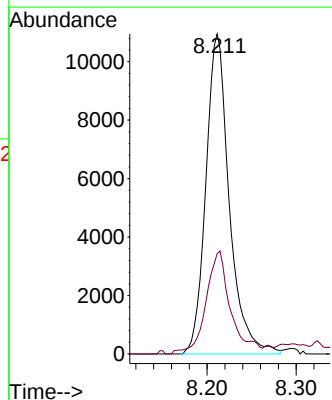
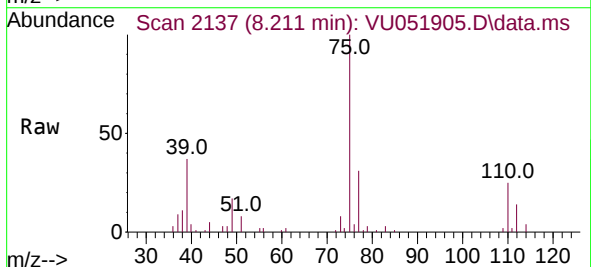
Acq: 18 Nov 2022 15:08

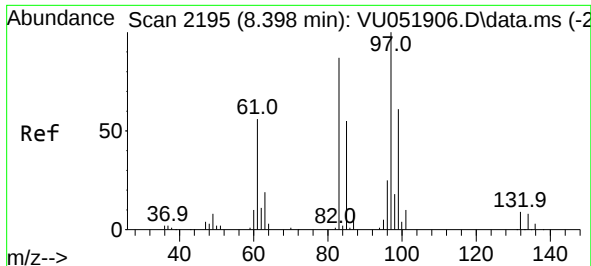
Tgt Ion: 75 Resp: 19970

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 0.942 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. -0.000 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001069

Tgt Ion: 97 Resp: 14515

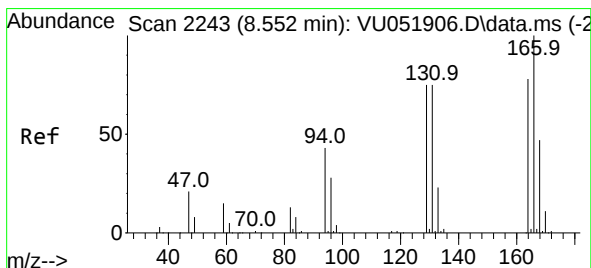
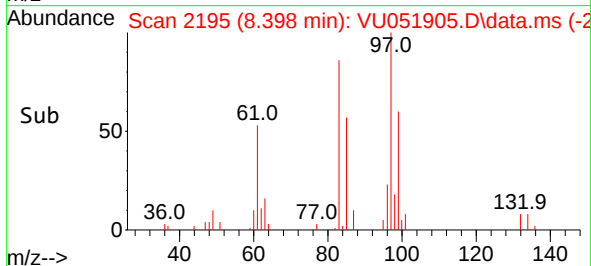
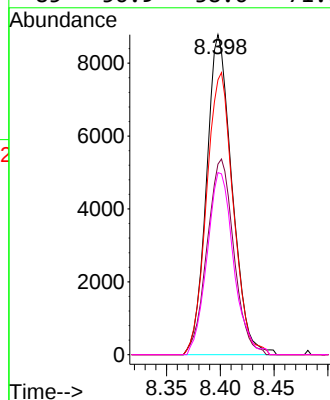
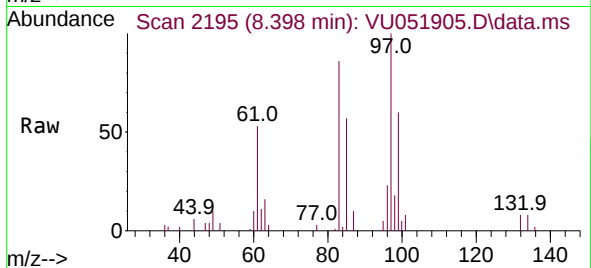
Ion Ratio Lower Upper

97 100

99 59.6 42.6 79.2

83 85.9 60.7 112.7

85 56.9 38.6 71.6



#47

Tetrachloroethene

Concen: 0.921 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Tgt Ion:164 Resp: 13945

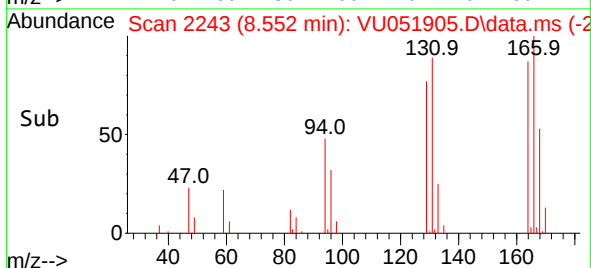
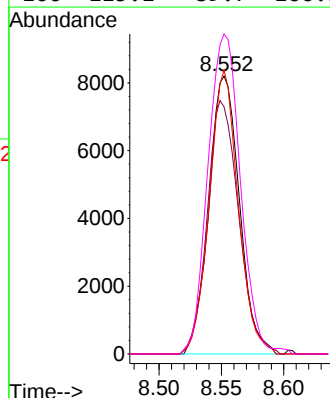
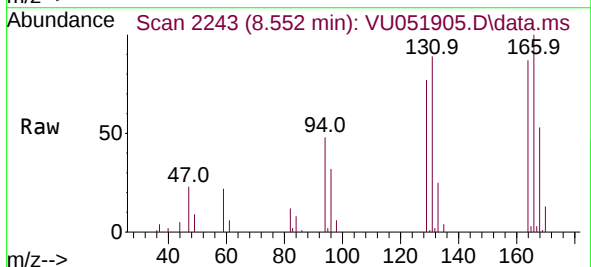
Ion Ratio Lower Upper

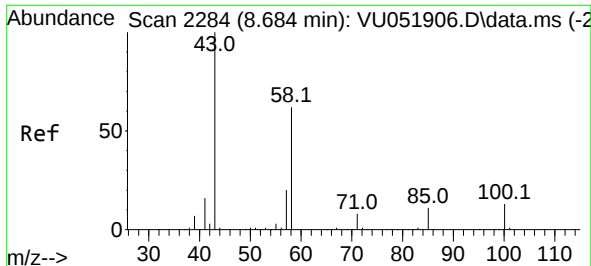
164 100

129 88.9 67.4 125.2

131 102.1 67.1 124.7

166 115.1 89.7 166.5

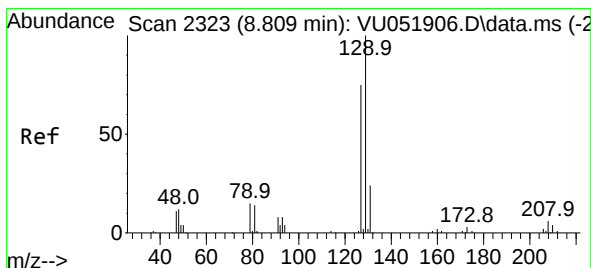
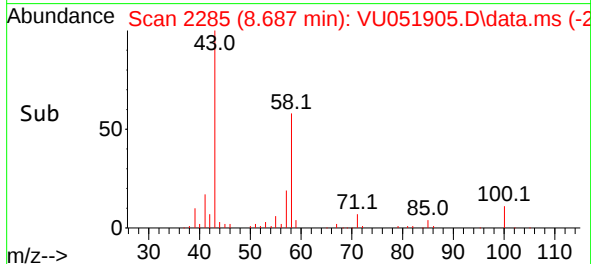
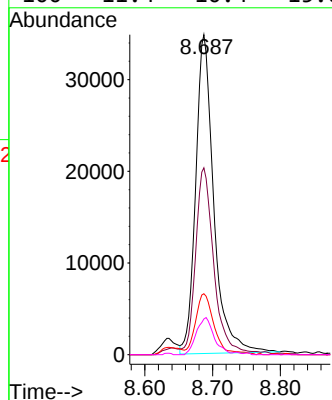
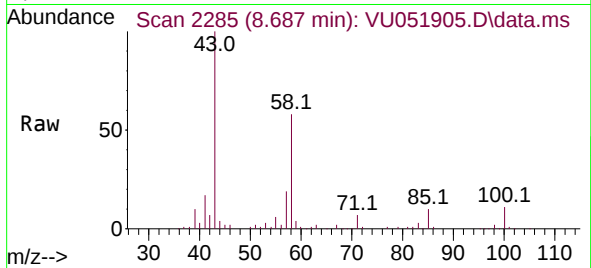




#48
2-Hexanone
Concen: 8.180 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

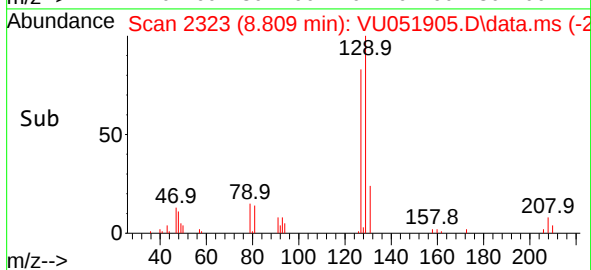
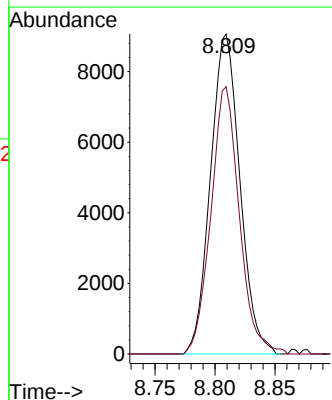
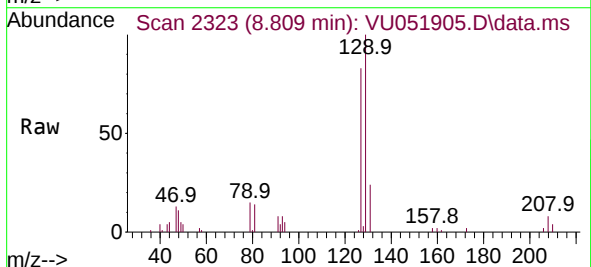
Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

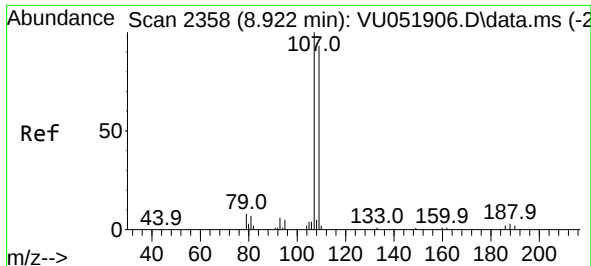
Tgt Ion:	43	Resp:	64574
Ion	Ratio	Lower	Upper
43	100		
58	57.4	49.4	74.0
57	19.7	16.3	24.5
100	11.4	10.4	15.6



#49
Dibromochloromethane
Concen: 0.897 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion:	129	Resp:	15479
Ion	Ratio	Lower	Upper
129	100		
127	83.5	52.8	98.2





#50

1,2-Dibromoethane

Concen: 0.950 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001069

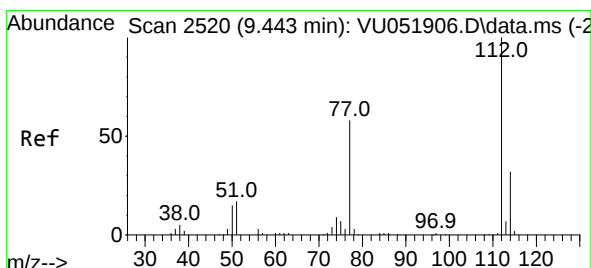
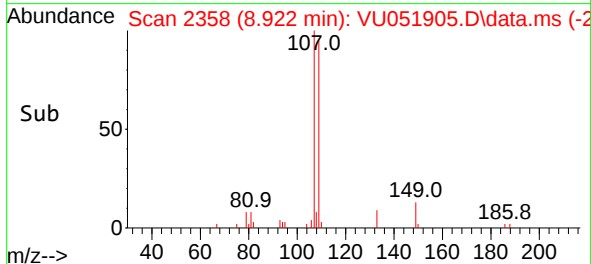
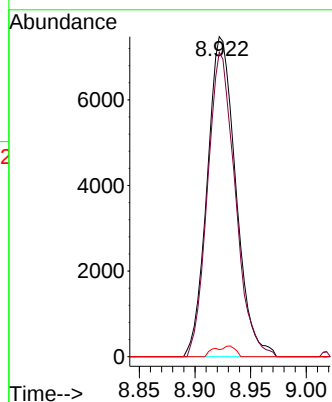
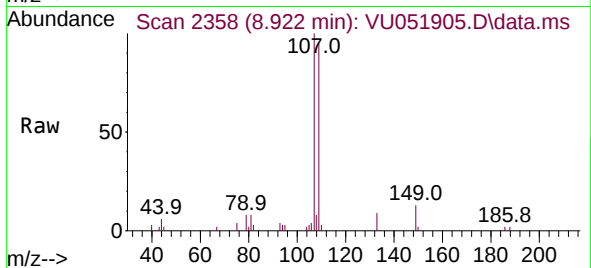
Tgt Ion:107 Resp: 13337

Ion Ratio Lower Upper

107 100

109 95.1 64.9 120.5

188 2.2 2.6 4.0#



#51

Chlorobenzene

Concen: 0.917 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

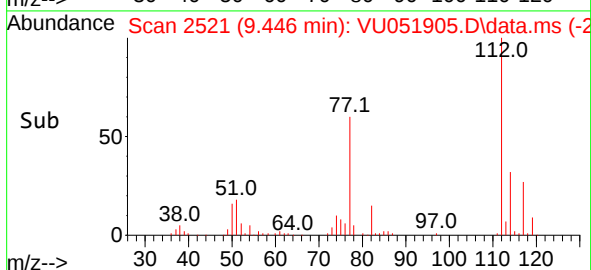
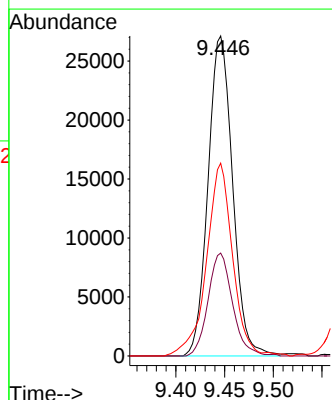
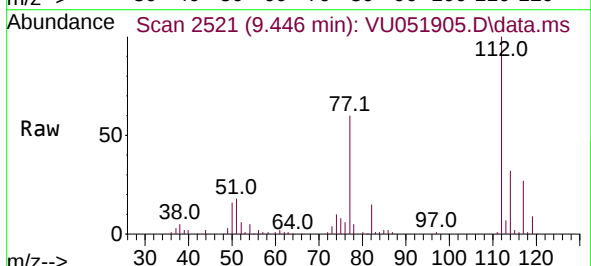
Tgt Ion:112 Resp: 47666

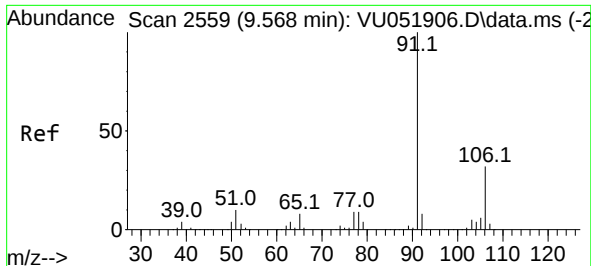
Ion Ratio Lower Upper

112 100

114 32.2 22.2 41.2

77 60.3 46.6 70.0

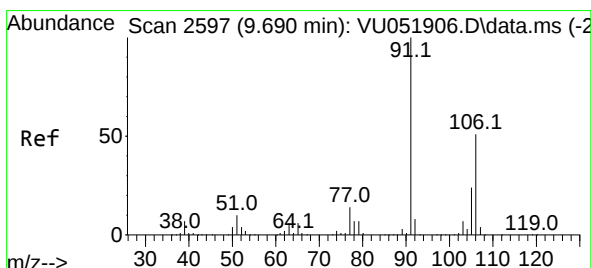
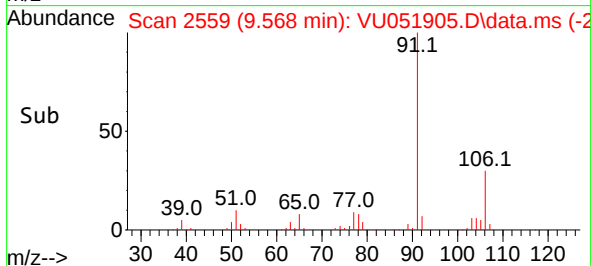
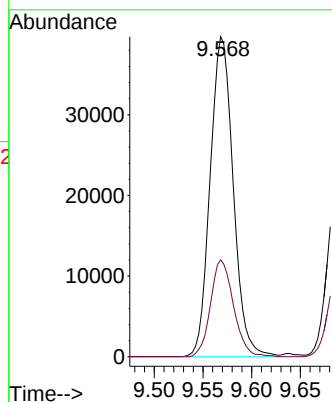
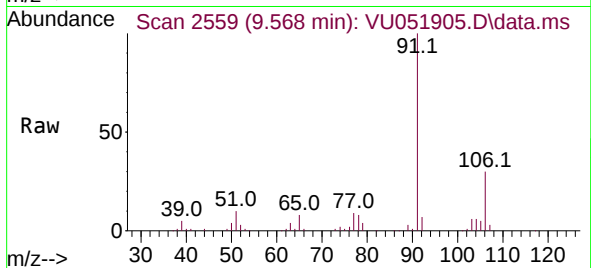




#52
Ethylbenzene
Concen: 0.825 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

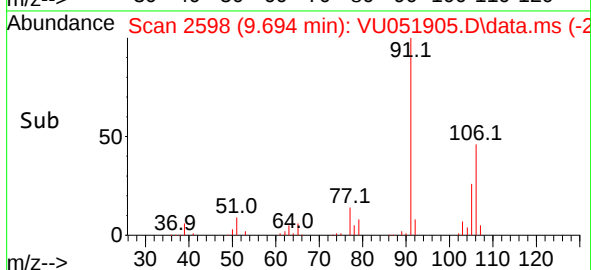
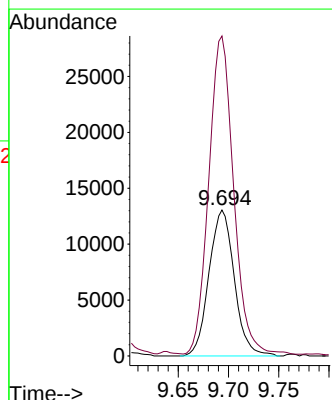
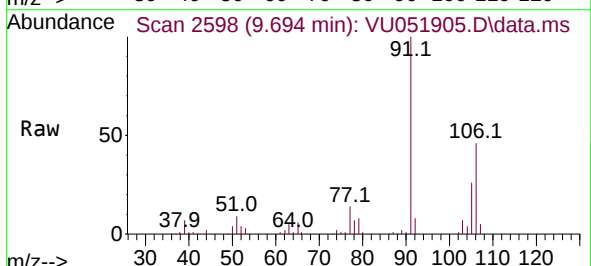
Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

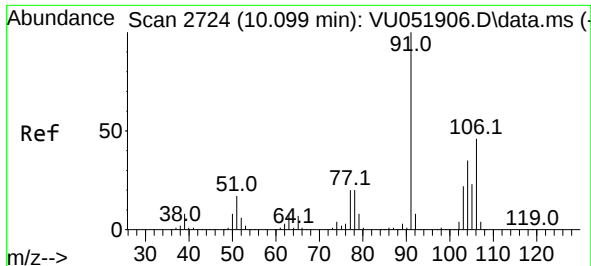
Tgt Ion: 91 Resp: 65390
Ion Ratio Lower Upper
91 100
106 30.2 22.3 41.3



#53
m,p-Xylene
Concen: 0.745 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion: 106 Resp: 22849
Ion Ratio Lower Upper
106 100
91 219.2 137.7 255.7

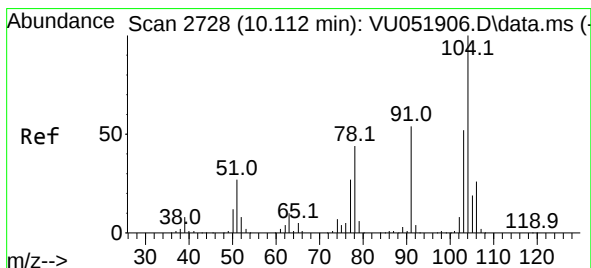
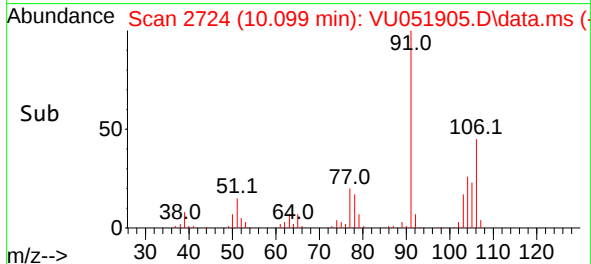
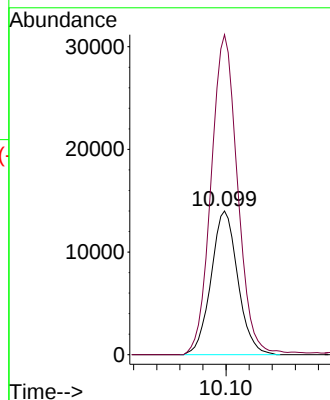
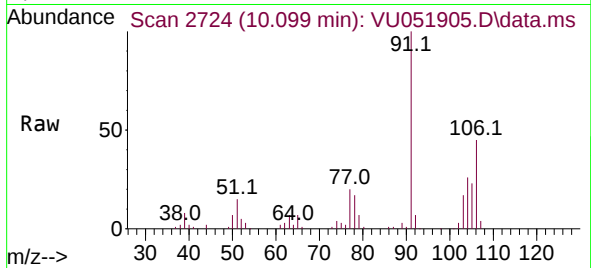




#54
o-Xylene
Concen: 0.765 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

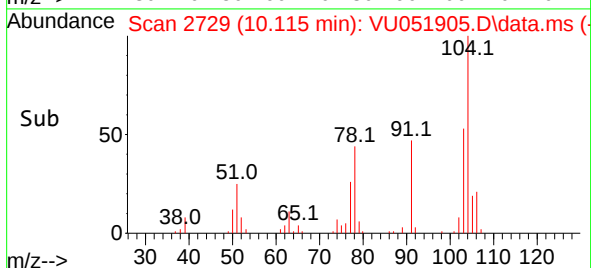
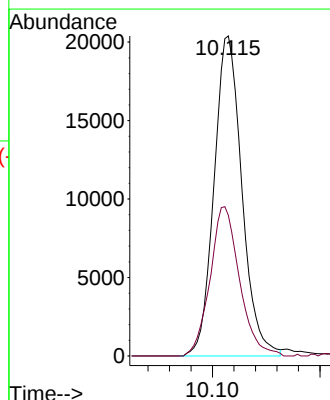
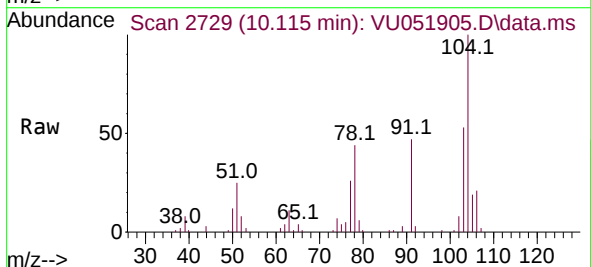
Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

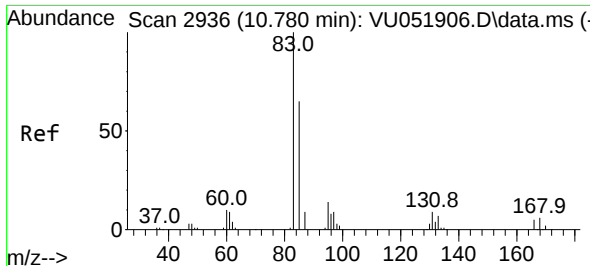
Tgt Ion:106 Resp: 22490
Ion Ratio Lower Upper
106 100
91 222.6 151.5 281.5



#55
Styrene
Concen: 0.739 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion:104 Resp: 36673
Ion Ratio Lower Upper
104 100
78 43.9 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.931 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001069

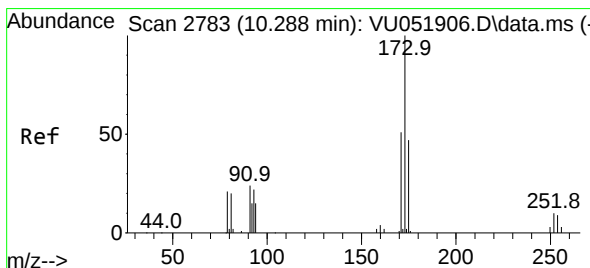
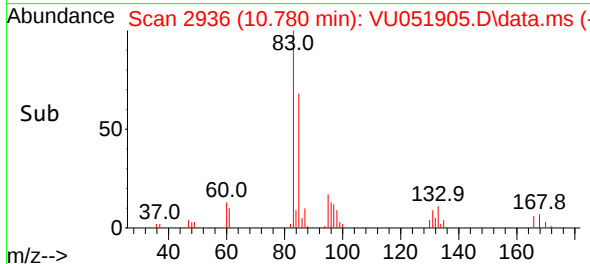
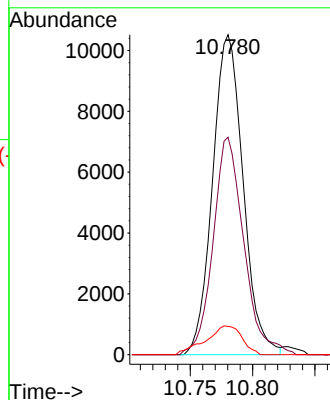
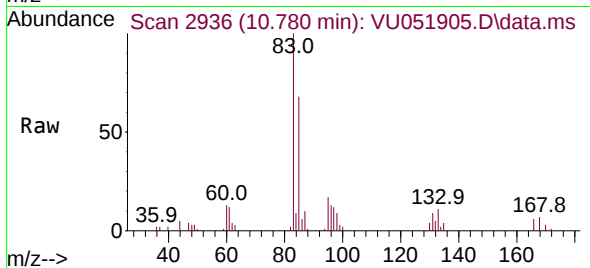
Tgt Ion: 83 Resp: 17923

Ion Ratio Lower Upper

83 100

85 68.0 45.7 84.9

131 8.8 7.6 11.4



#59

Bromoform

Concen: 0.975 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

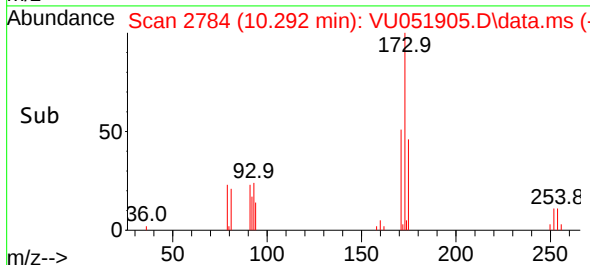
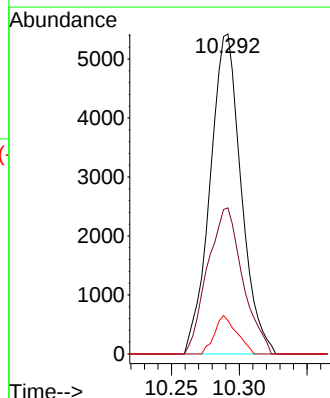
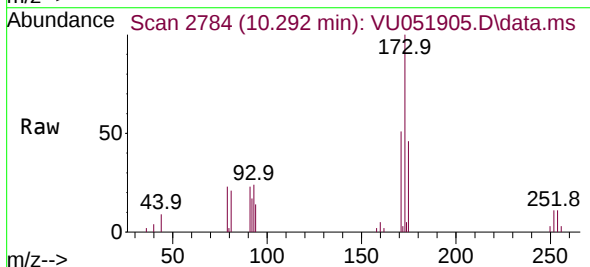
Tgt Ion:173 Resp: 8646

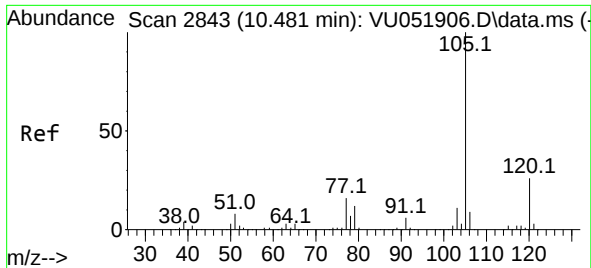
Ion Ratio Lower Upper

173 100

175 51.4 37.2 55.8

254 8.5 7.0 10.6

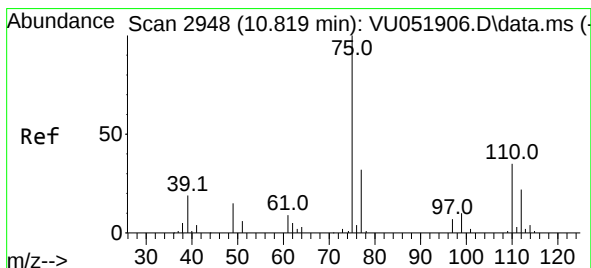
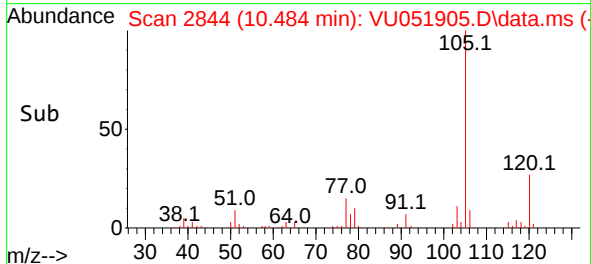
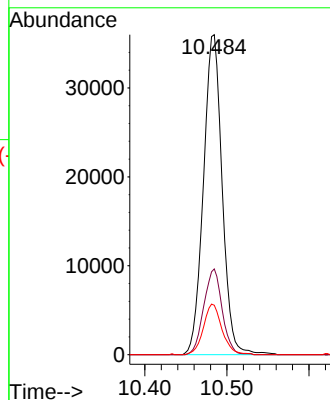
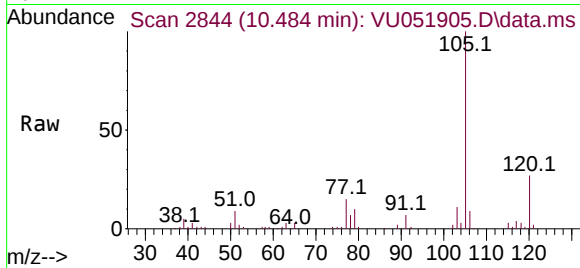




#60
Isopropylbenzene
Concen: 0.845 ug/L
RT: 10.484 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

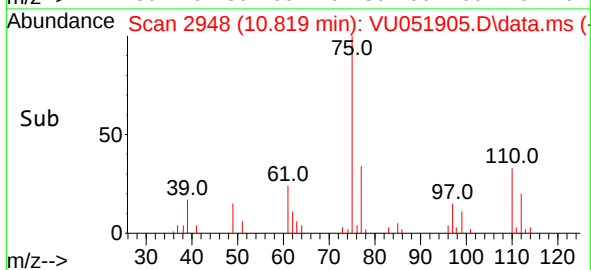
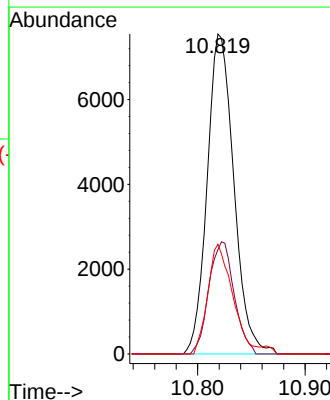
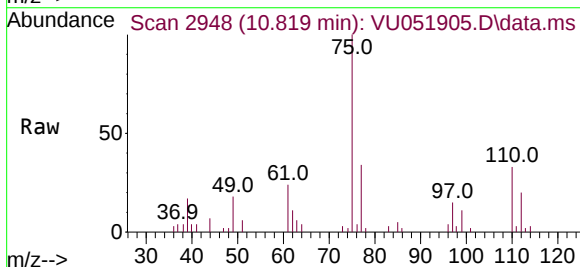
Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

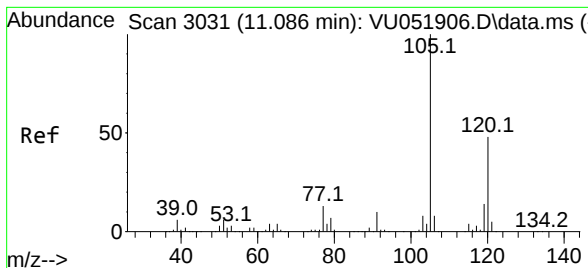
Tgt Ion:105 Resp: 57198
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.7 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 1.055 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion: 75 Resp: 13009
Ion Ratio Lower Upper
75 100
110 33.2 28.3 42.5
77 32.0 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 0.777 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

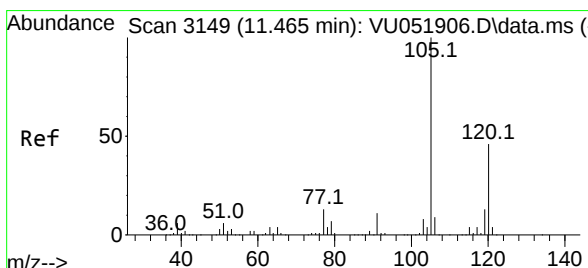
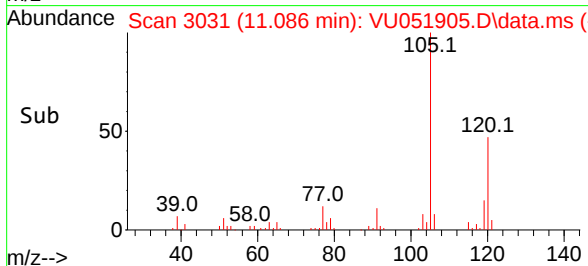
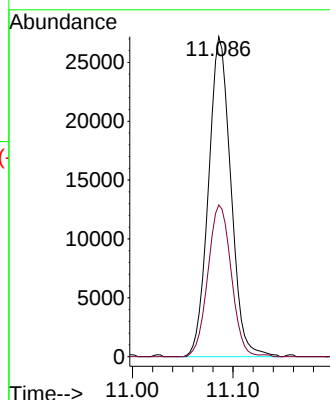
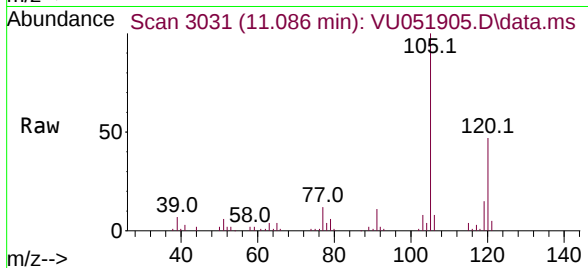
VSTD001069

Tgt Ion:105 Resp: 42022

Ion Ratio Lower Upper

105 100

120 49.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 0.753 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU051905.D

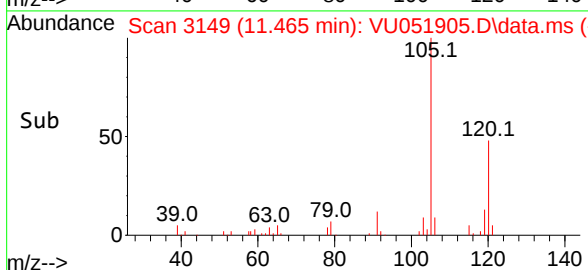
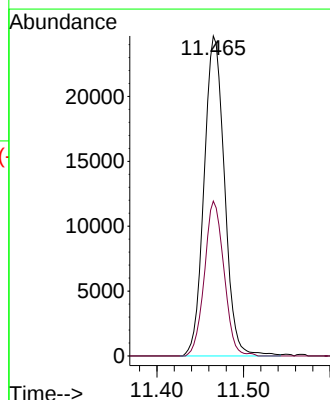
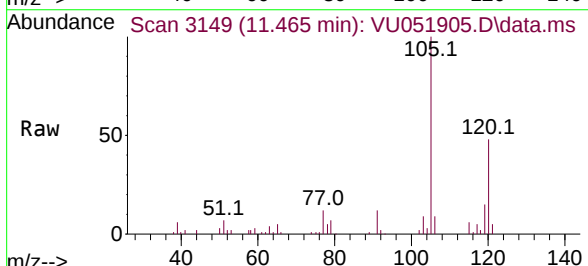
Acq: 18 Nov 2022 15:08

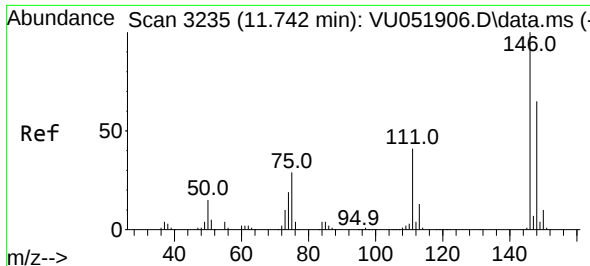
Tgt Ion:105 Resp: 40423

Ion Ratio Lower Upper

105 100

120 46.2 36.6 55.0

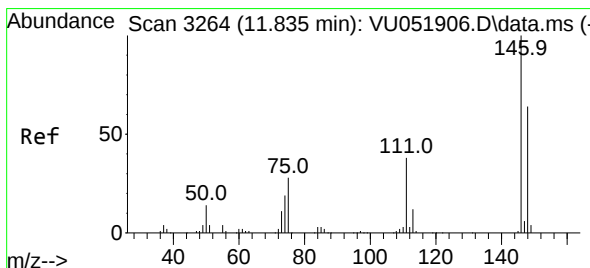
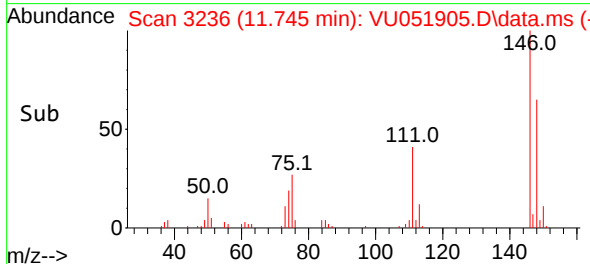
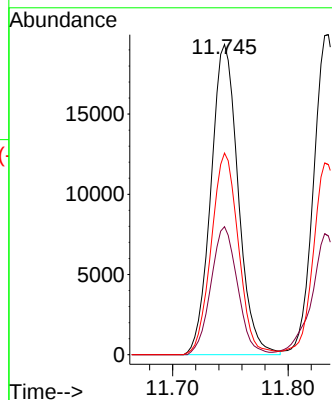
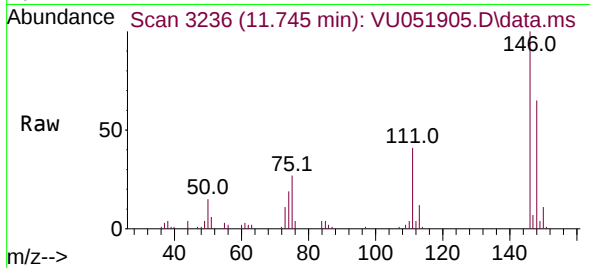




#64
1,3-Dichlorobenzene
Concen: 0.920 ug/L
RT: 11.745 min Scan# 31784
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

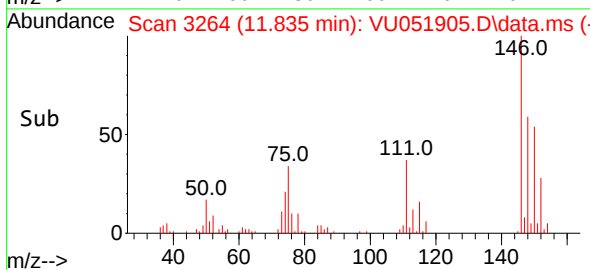
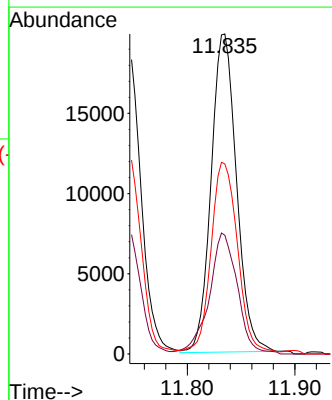
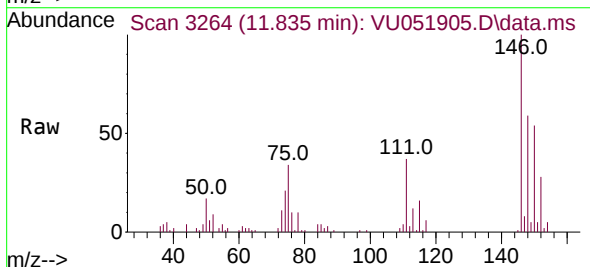
Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

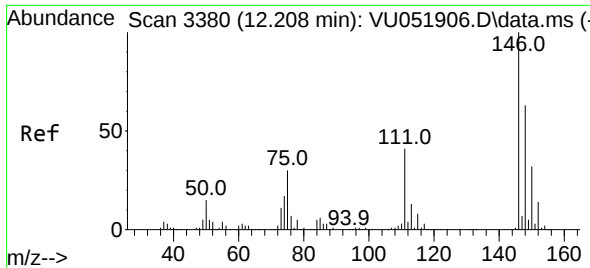
Tgt Ion:146 Resp: 31784
Ion Ratio Lower Upper
146 100
111 41.3 28.6 53.2
148 65.0 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 0.946 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion:146 Resp: 32581
Ion Ratio Lower Upper
146 100
111 37.1 26.9 50.1
148 59.4 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 0.933 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001069

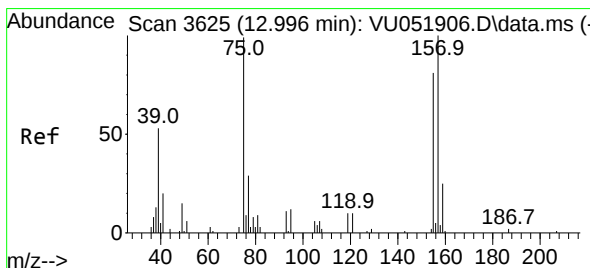
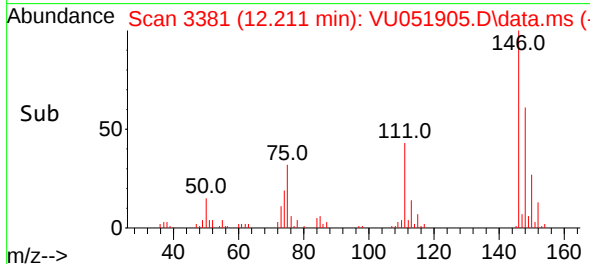
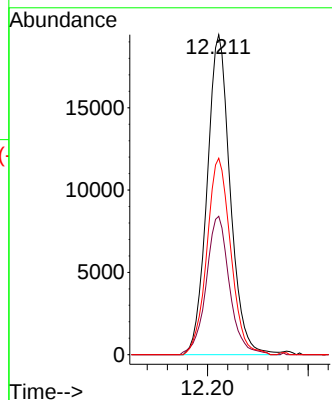
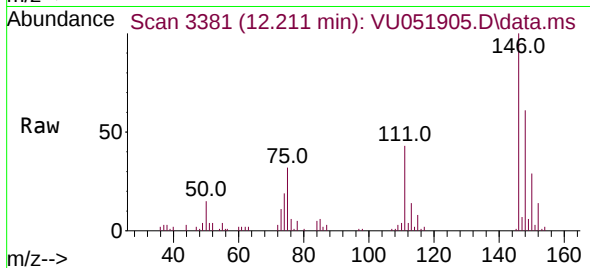
Tgt Ion:146 Resp: 31032

Ion Ratio Lower Upper

146 100

111 43.3 32.7 49.1

148 61.4 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.956 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU051905.D

Acq: 18 Nov 2022 15:08

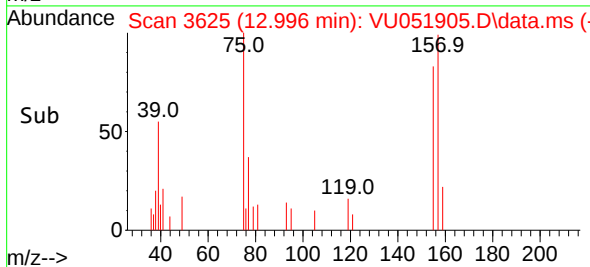
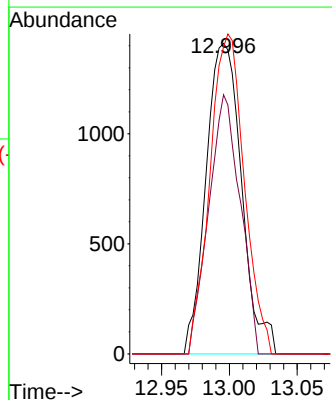
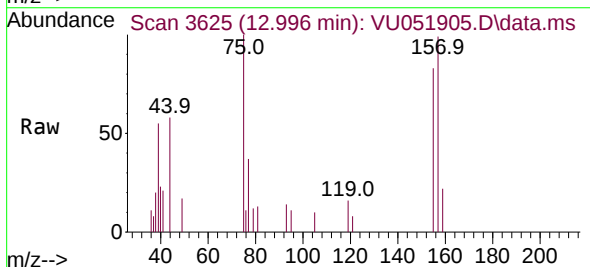
Tgt Ion: 75 Resp: 2578

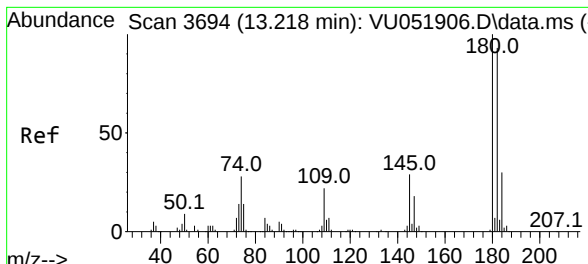
Ion Ratio Lower Upper

75 100

155 83.5 65.4 98.2

157 98.9 80.5 120.7



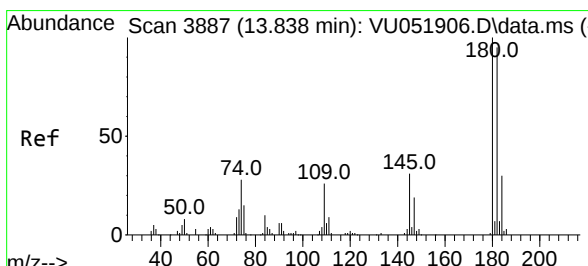
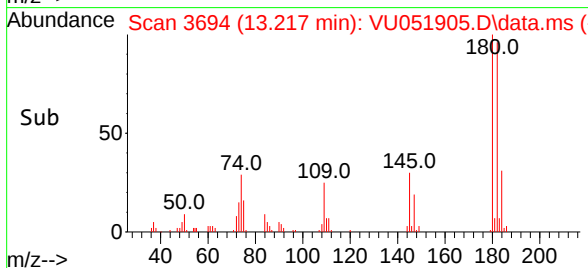
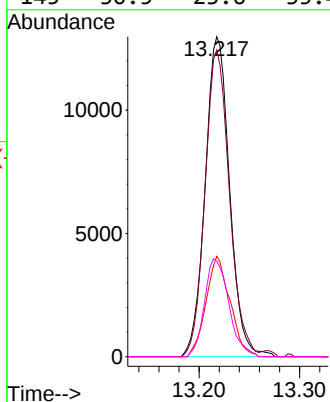
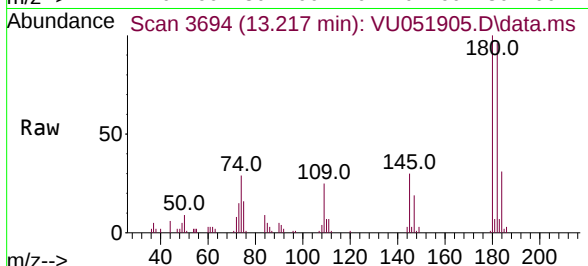


#69
 1,3,5-Trichlorobenzene
 Concen: 0.894 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051905.D
 Acq: 18 Nov 2022 15:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001069

Tgt Ion:180 Resp: 21908

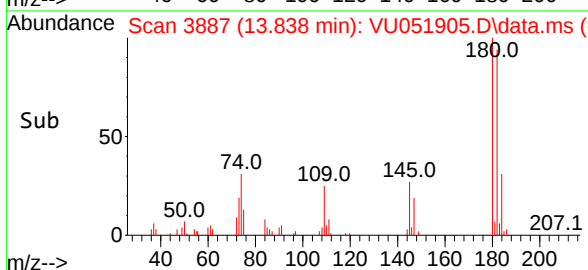
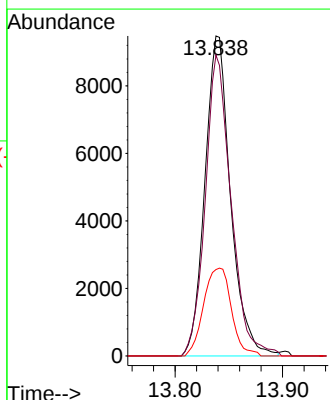
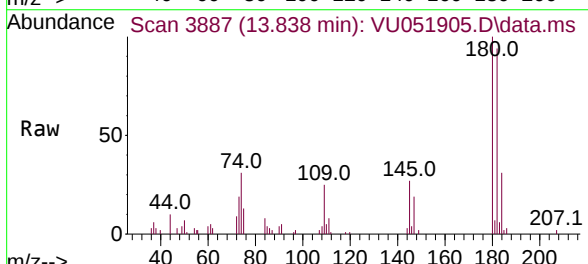
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.7	113.5
184	30.8	24.3	36.5
145	30.5	23.6	35.4

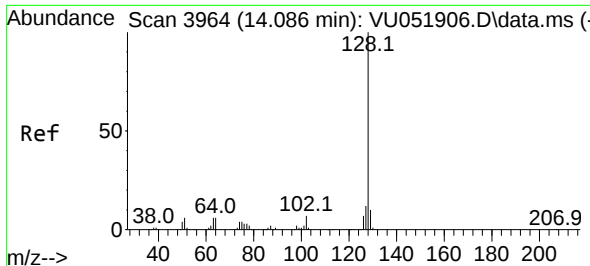


#70
 1,2,4-trichlorobenzene
 Concen: 0.843 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051905.D
 Acq: 18 Nov 2022 15:08

Tgt Ion:180 Resp: 15727

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.3	114.5
145	29.6	24.6	36.8

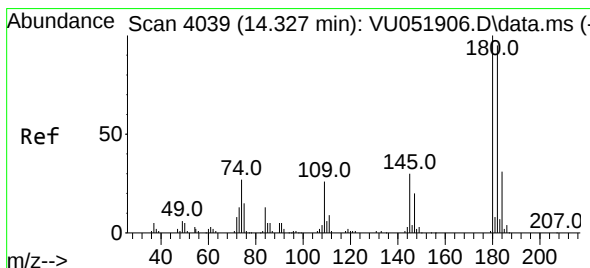
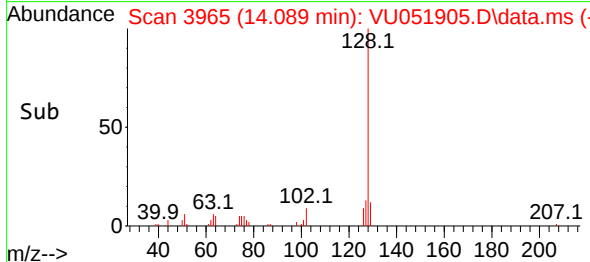
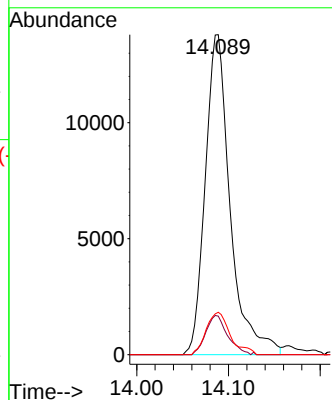
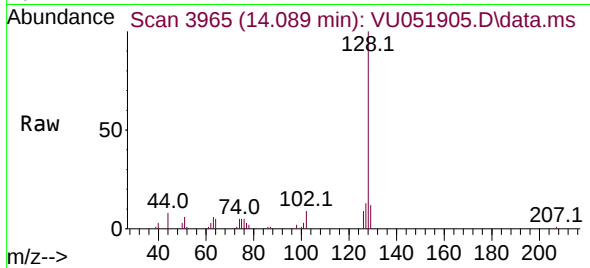




#71
Naphthalene
Concen: 0.745 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

Tgt Ion:128	Resp:	26111
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.3 12.5
127	12.7	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.860 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051905.D
Acq: 18 Nov 2022 15:08

Tgt Ion:180	Resp:	15790
Ion Ratio	Lower	Upper
180	100	
182	95.3	75.7 113.5
145	30.6	24.5 36.7

