

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
 Data File : VU050598.D
 Acq On : 02 Sep 2022 14:30
 Operator : SY/MD
 Sample : VSTD01020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010020

Quant Time: Sep 03 01:58:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 01:56:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	337704	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	334567	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	150182	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25817	9.818	ug/L	0.00
7) Chloroethane-d5	1.909	69	19307	9.623	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	49233	10.942	ug/L	0.00
21) 2-Butanone-d5	4.633	46	37063	16.639	ug/L	0.00
24) Chloroform-d	5.064	84	55367	10.834	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	34614	10.536	ug/L	0.00
32) Benzene-d6	5.726	84	106043	10.112	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	36408	10.406	ug/L	0.00
41) Toluene-d8	7.899	98	93060	10.231	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	14037	9.940	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	14200	11.964	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	56895	10.501	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	33948	10.354	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	34190	14.347	ug/L	96
3) Chloromethane	1.520	50	30676	8.706	ug/L	98
5) Vinyl chloride	1.604	62	28767	8.868	ug/L	100
6) Bromomethane	1.855	94	16109	10.747	ug/L	95
8) Chloroethane	1.932	64	16411	8.214	ug/L	98
9) Trichlorofluoromethane	2.138	101	40750	10.683	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	26039	11.178	ug/L	99
12) 1,1-Dichloroethene	2.578	96	24226	10.245	ug/L	97
13) Acetone	2.633	43	28533	16.341	ug/L	97
14) Carbon disulfide	2.790	76	70443	11.623	ug/L	100
15) Methyl Acetate	2.951	43	30047	8.426	ug/L	97
16) Methylene chloride	3.044	84	34932	9.332	ug/L	92
17) trans-1,2-Dichloroethene	3.356	96	25179	9.829	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	76984	9.049	ug/L	99
19) 1,1-Dichloroethane	3.871	63	50050	9.707	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	28542	9.519	ug/L	97
22) 2-Butanone	4.716	43	43416	16.137	ug/L	96
23) Bromochloromethane	4.973	128	15261	9.597	ug/L	92
25) Chloroform	5.086	83	51678	9.722	ug/L	96
27) 1,2-Dichloroethane	5.797	62	38976	9.356	ug/L	95
29) Cyclohexane	5.388	56	40418	10.262	ug/L	99
30) 1,1,1-Trichloroethane	5.318	97	43464	10.494	ug/L	97
31) Carbon tetrachloride	5.523	117	36258	11.267	ug/L	99
33) Benzene	5.774	78	115136	9.457	ug/L	100
34) Trichloroethene	6.543	95	27525	9.761	ug/L	98
35) Methylcyclohexane	6.764	83	41609	10.486	ug/L	98
37) 1,2-Dichloropropane	6.790	63	31038	9.345	ug/L	# 97
38) Bromodichloromethane	7.105	83	36894	9.739	ug/L	95
39) cis-1,3-Dichloropropene	7.607	75	39741	9.022	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	76507	16.126	ug/L	98
42) Toluene	7.970	91	116199	9.599	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	35846	8.947	ug/L	99

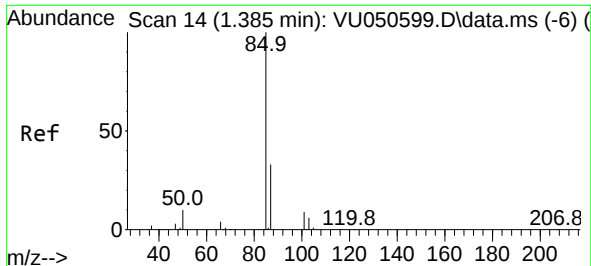
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
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 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 01:56:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	30348	9.498	ug/L	98
46) Tetrachloroethene	8.555	164	21242	10.684	ug/L	97
48) 2-Hexanone	8.687	43	74358	18.141	ug/L	92
49) Dibromochloromethane	8.809	129	28178	9.965	ug/L	93
50) 1,2-Dibromoethane	8.925	107	30887	9.342	ug/L #	92
51) Chlorobenzene	9.446	112	75719	10.033	ug/L	98
52) Ethylbenzene	9.571	91	113882	9.611	ug/L	98
53) m,p-Xylene	9.694	106	43040	9.682	ug/L	100
54) o-Xylene	10.099	106	43055	9.567	ug/L	96
55) Styrene	10.115	104	67170	9.002	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	56328	9.903	ug/L	100
59) Bromoform	10.292	173	20429	10.112	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	43624	9.828	ug/L	98
61) Isopropylbenzene	10.485	105	106523	9.852	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	84214	9.410	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	77996	8.995	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	50791	9.932	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	50794	9.770	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	53623	9.729	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.996	75	10103	9.397	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	34243	9.611	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	27091	8.623	ug/L	98
71) Naphthalene	14.086	128	83341	6.601	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	29029	8.077	ug/L	99

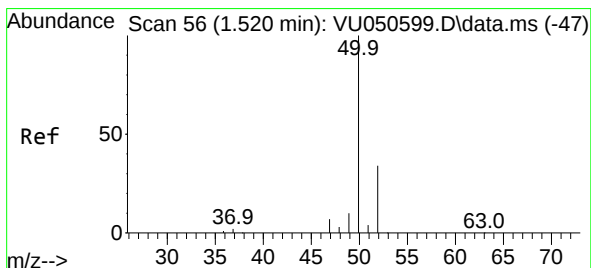
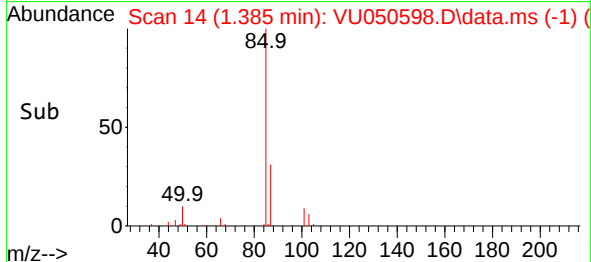
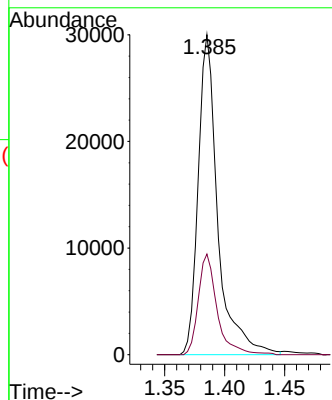
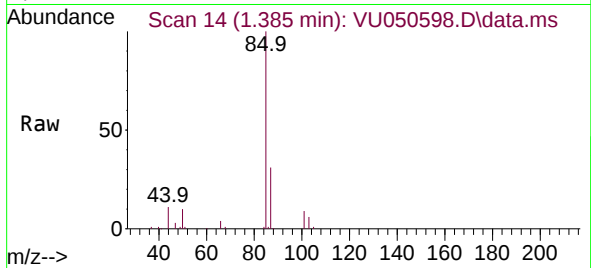
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 14.347 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

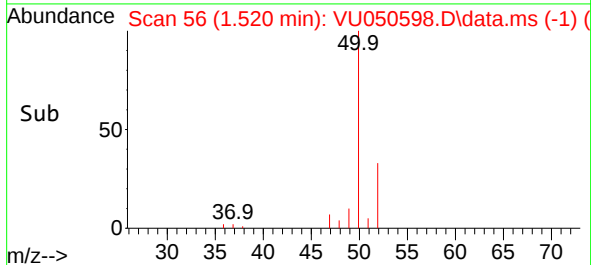
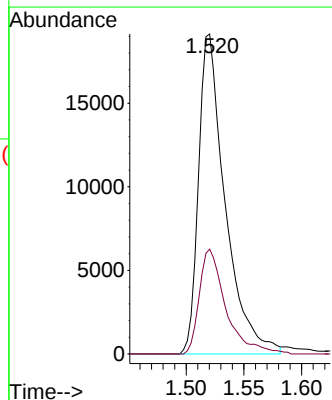
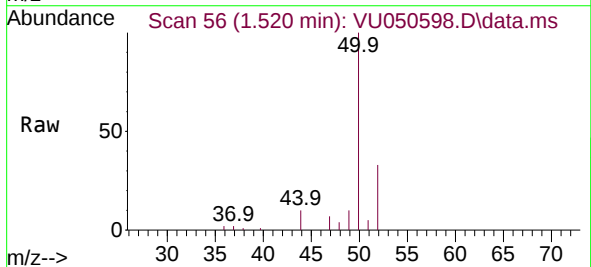
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

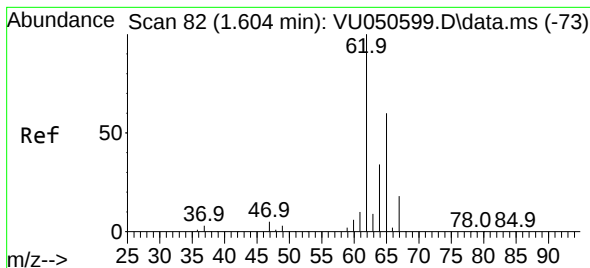
Tgt Ion: 85 Resp: 34190
Ion Ratio Lower Upper
85 100
87 30.2 25.8 38.8



#3
Chloromethane
Concen: 8.706 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion: 50 Resp: 30676
Ion Ratio Lower Upper
50 100
52 32.8 23.7 43.9





#5

Vinyl chloride

Concen: 8.868 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

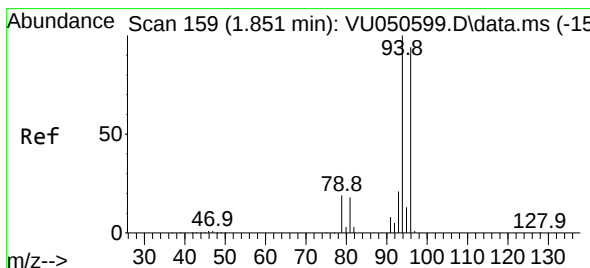
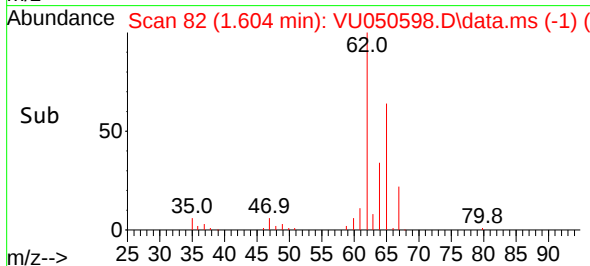
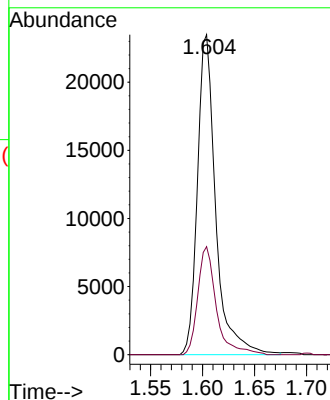
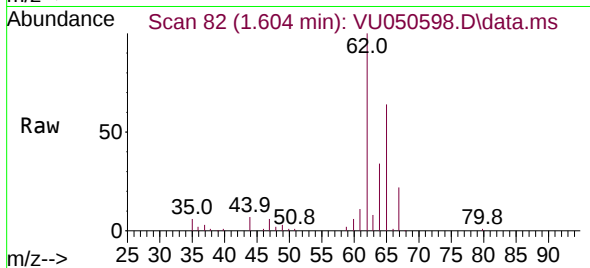
VSTD010020

Tgt Ion: 62 Resp: 28767

Ion Ratio Lower Upper

62 100

64 33.8 23.5 43.7



#6

Bromomethane

Concen: 10.747 ug/L

RT: 1.855 min Scan# 160

Delta R.T. 0.003 min

Lab File: VU050598.D

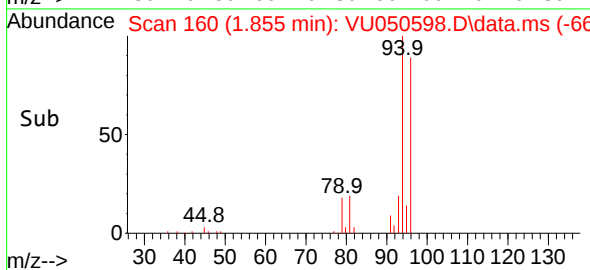
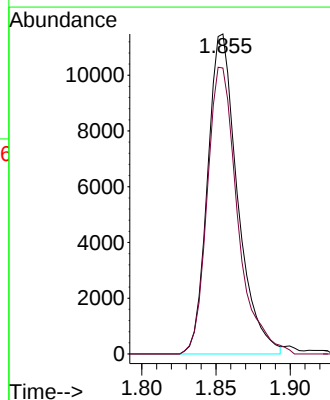
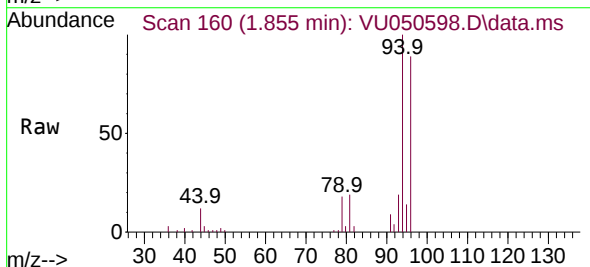
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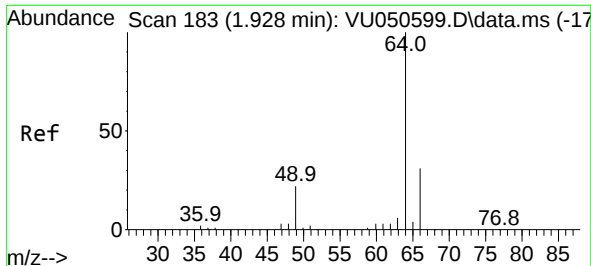
Tgt Ion: 94 Resp: 16109

Ion Ratio Lower Upper

94 100

96 89.4 65.6 121.8

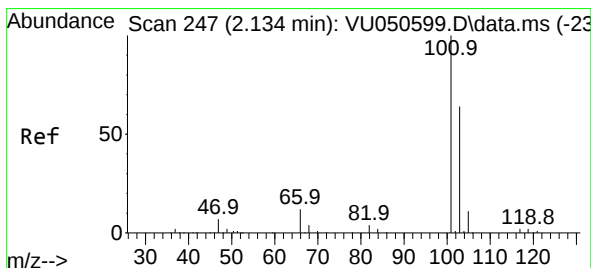
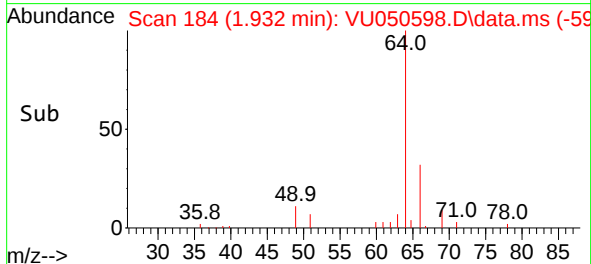
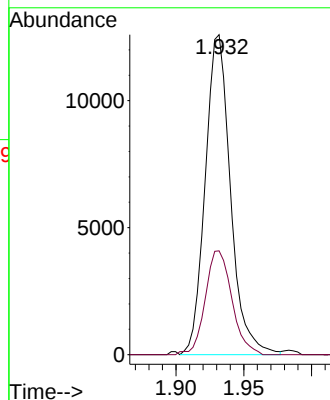
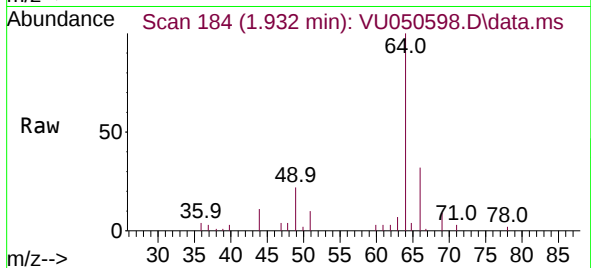




#8
Chloroethane
Concen: 8.214 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

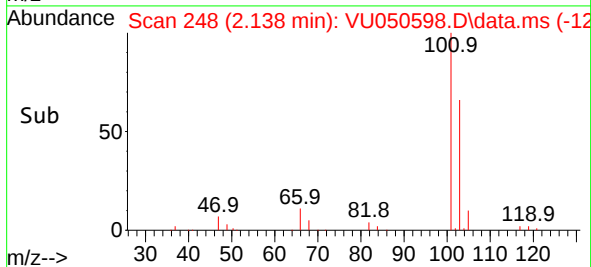
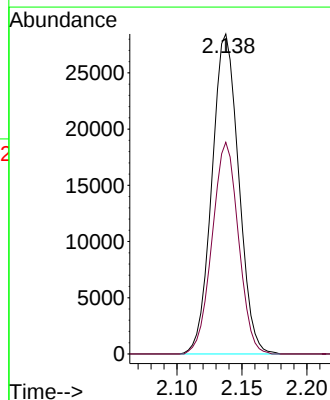
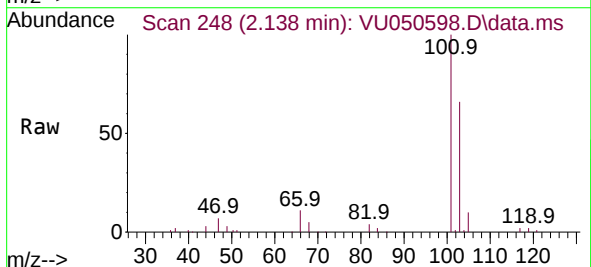
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

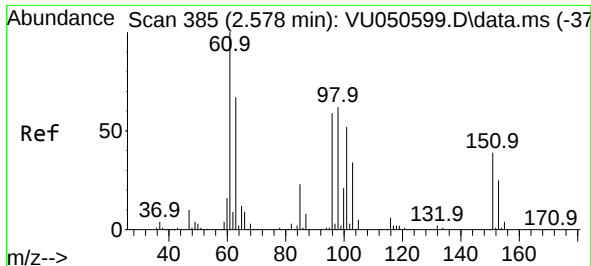
Tgt Ion: 64 Resp: 16411
Ion Ratio Lower Upper
64 100
66 32.6 21.9 40.7



#9
Trichlorofluoromethane
Concen: 10.683 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion: 101 Resp: 40750
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

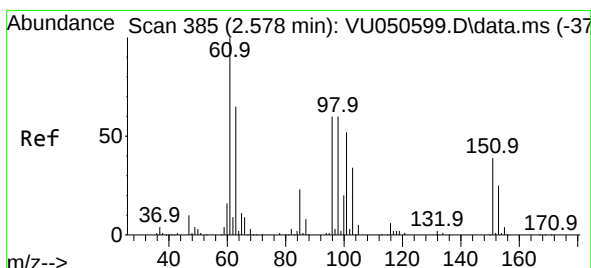
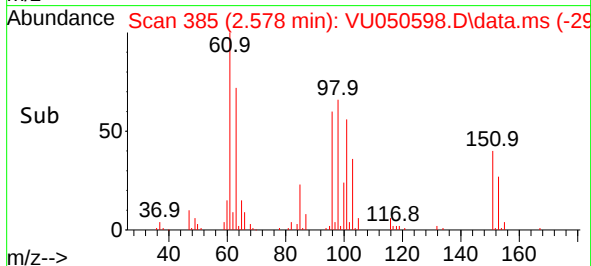
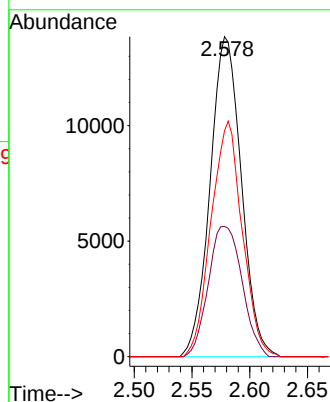
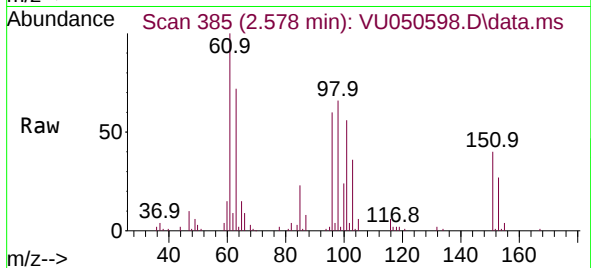




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.178 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

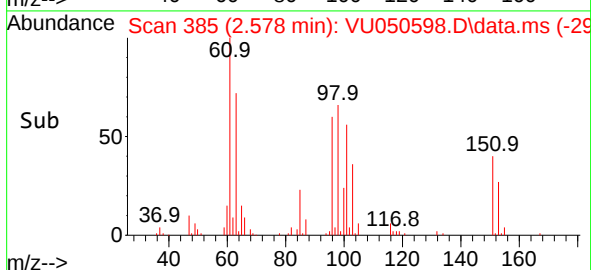
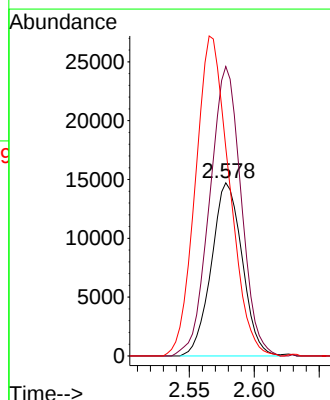
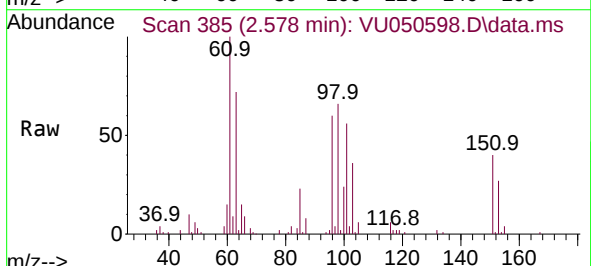
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MSVOA_U
ClientSampleId :
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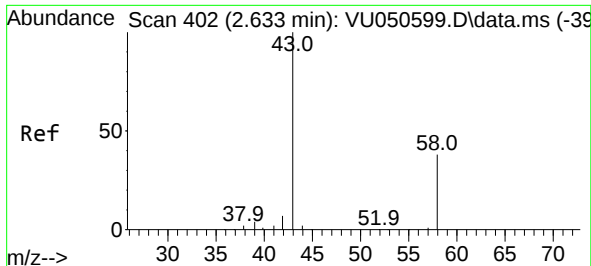
Tgt Ion:101 Resp: 26039
Ion Ratio Lower Upper
101 100
85 44.0 34.4 51.6
151 73.3 57.7 86.5



#12
1,1-Dichloroethene
Concen: 10.245 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion: 96 Resp: 24226
Ion Ratio Lower Upper
96 100
61 167.2 118.0 219.1
63 120.2 79.5 147.7





#13

Acetone

Concen: 16.341 ug/L

RT: 2.633 min Scan# 402

Delta R.T. 0.000 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

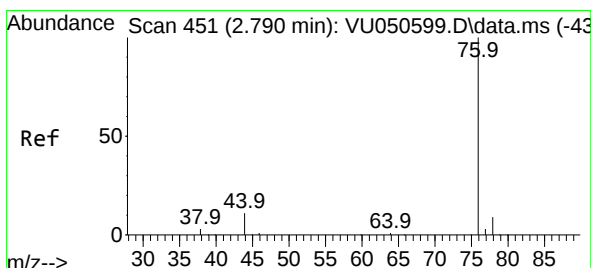
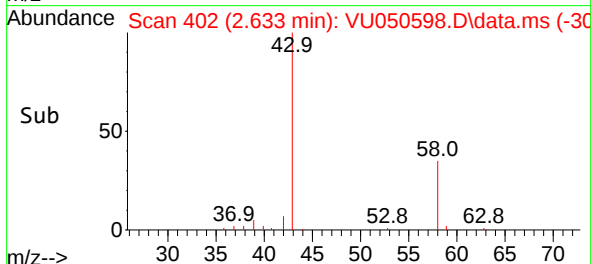
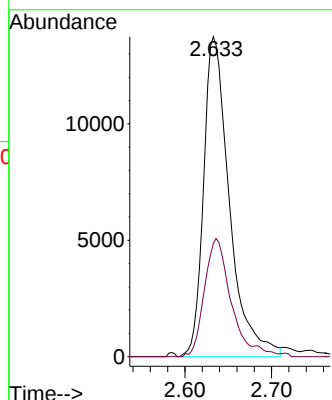
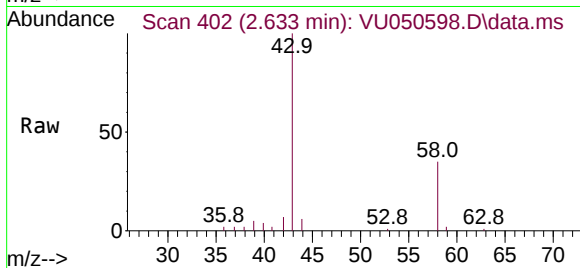
VSTD010020

Tgt Ion: 43 Resp: 28533

Ion Ratio Lower Upper

43 100

58 36.4 0.0 76.2



#14

Carbon disulfide

Concen: 11.623 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050598.D

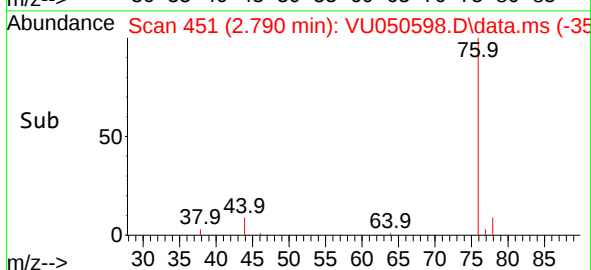
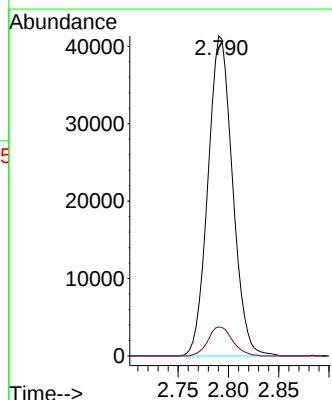
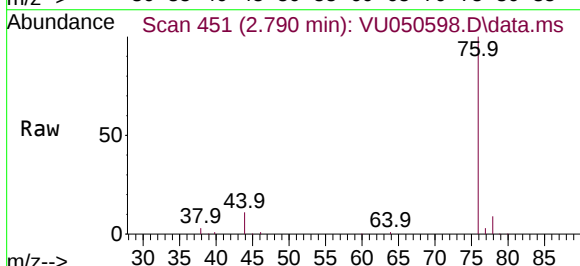
Acq: 02 Sep 2022 14:30

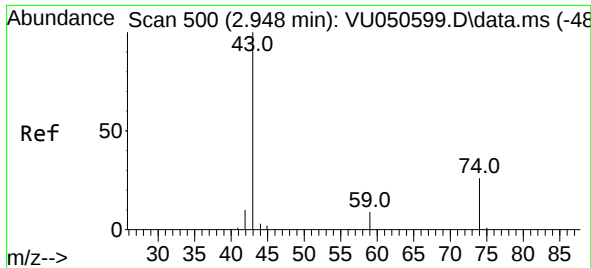
Tgt Ion: 76 Resp: 70443

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

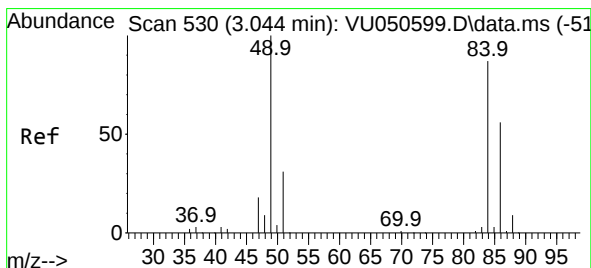
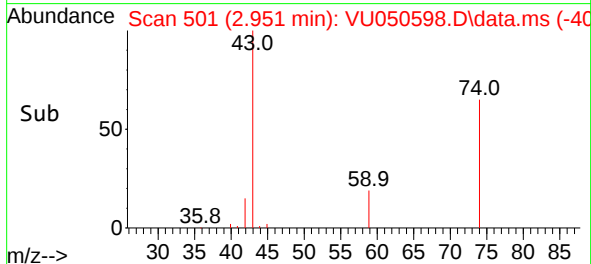
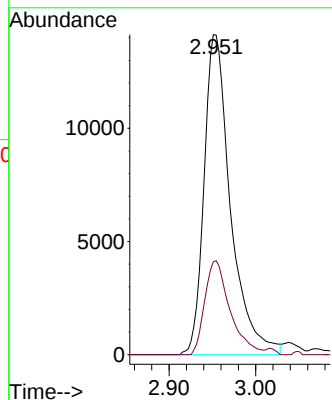
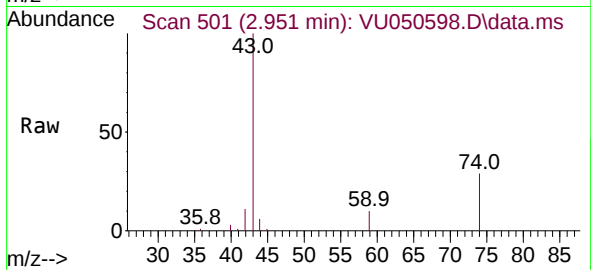




#15
Methyl Acetate
Concen: 8.426 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

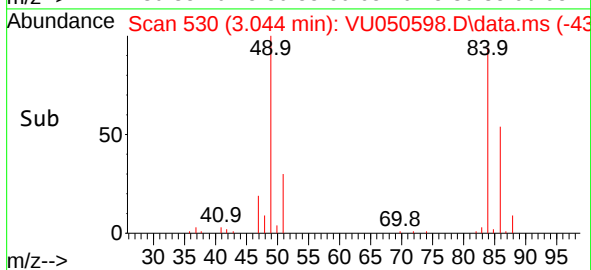
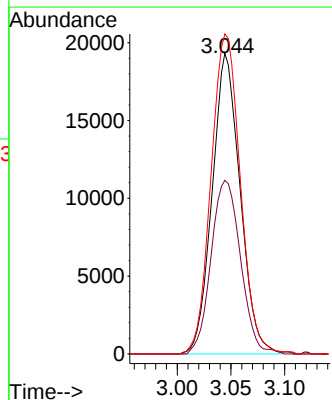
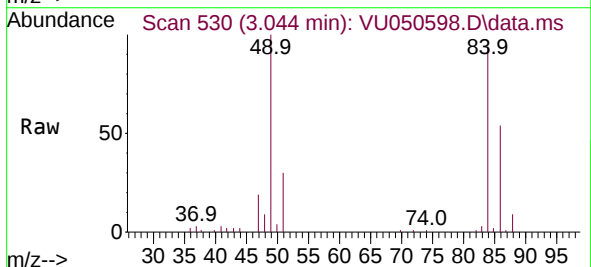
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MSVOA_U
ClientSampleId :
VSTD010020

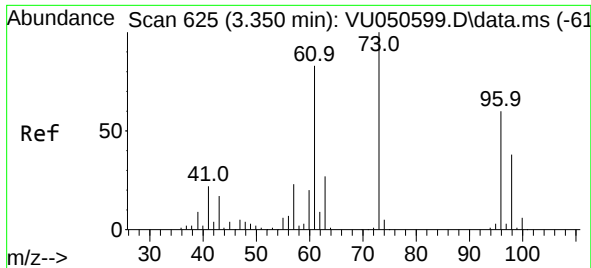
Tgt Ion: 43 Resp: 30047
Ion Ratio Lower Upper
43 100
74 28.0 21.2 31.8



#16
Methylene chloride
Concen: 9.332 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion: 84 Resp: 34932
Ion Ratio Lower Upper
84 100
86 57.7 44.8 83.2
49 106.5 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 9.829 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.007 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD010020

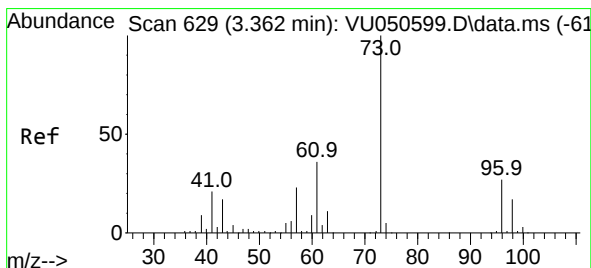
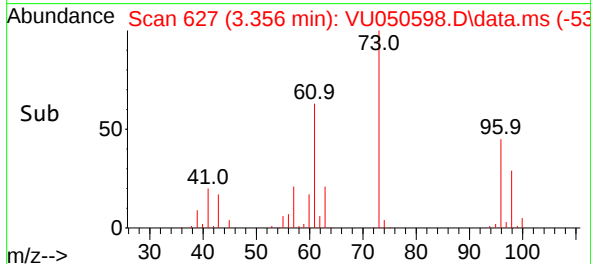
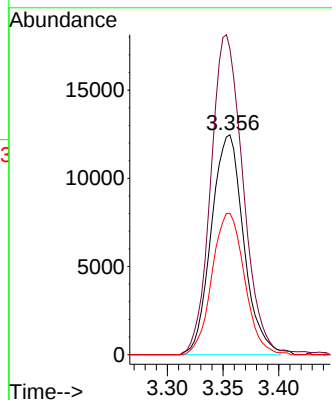
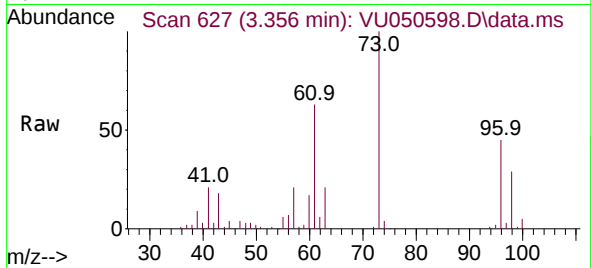
Tgt Ion: 96 Resp: 25179

Ion Ratio Lower Upper

96 100

61 139.1 97.9 181.7

98 64.3 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 9.049 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

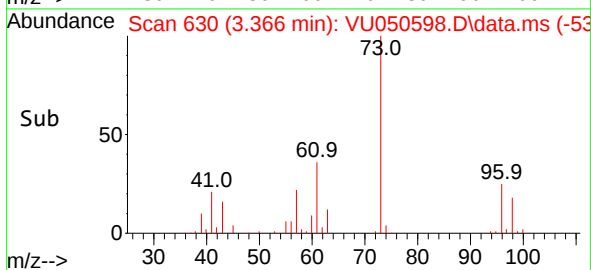
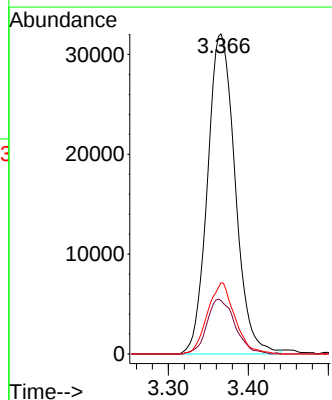
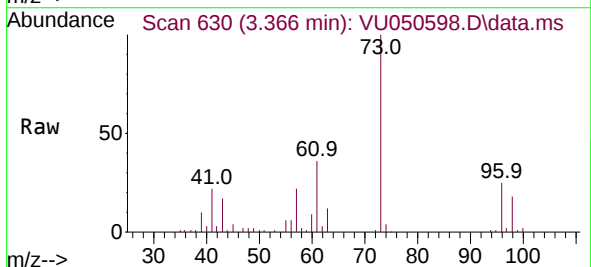
Tgt Ion: 73 Resp: 76984

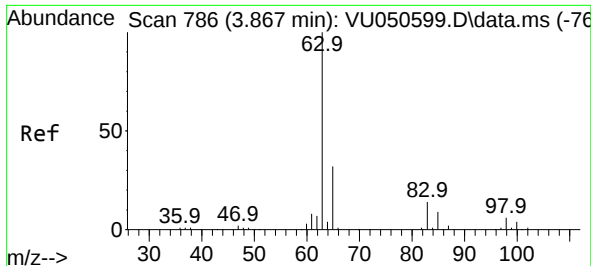
Ion Ratio Lower Upper

73 100

43 17.3 13.4 20.2

57 22.0 17.8 26.8

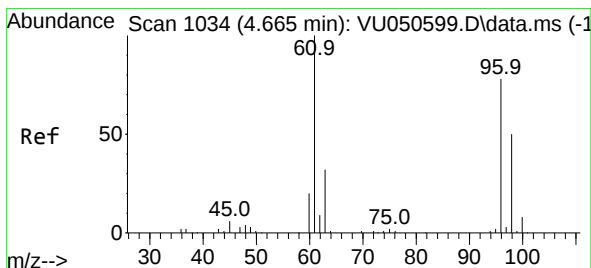
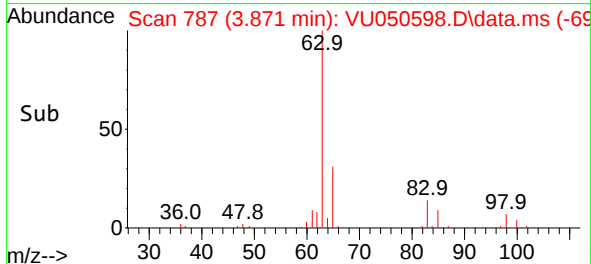
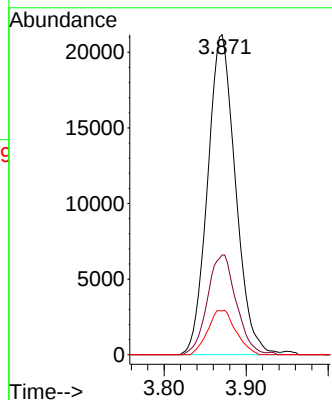
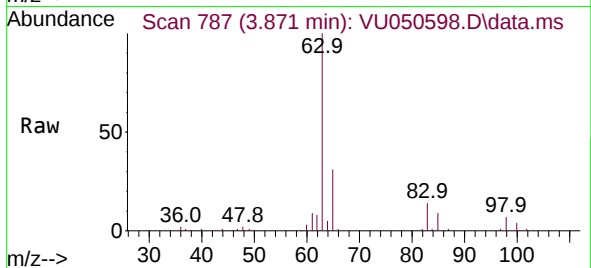




#19
1,1-Dichloroethane
Concen: 9.707 ug/L
RT: 3.871 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

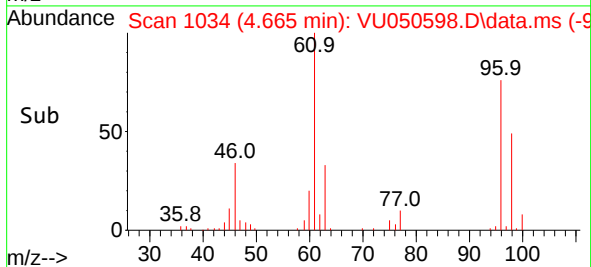
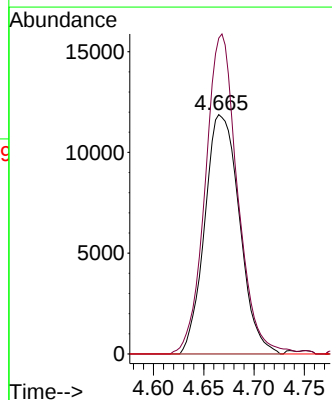
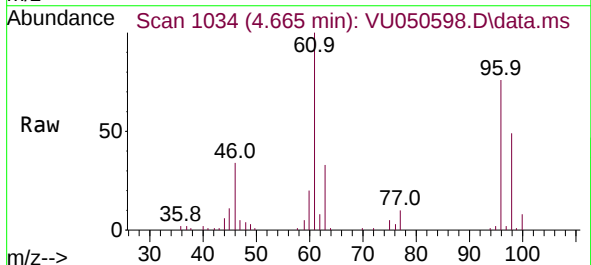
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

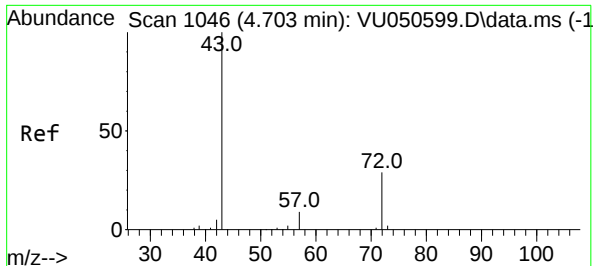
Tgt Ion: 63 Resp: 50050
Ion Ratio Lower Upper
63 100
65 31.2 22.4 41.6
83 13.7 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 9.519 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion: 96 Resp: 28542
Ion Ratio Lower Upper
96 100
61 131.9 89.8 166.8
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 16.137 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.013 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

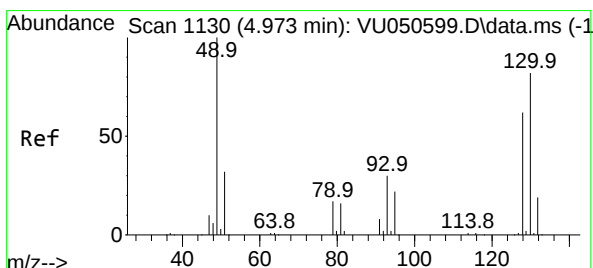
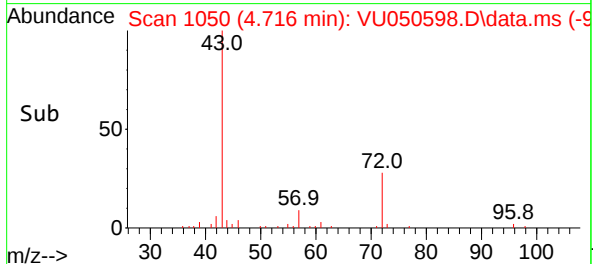
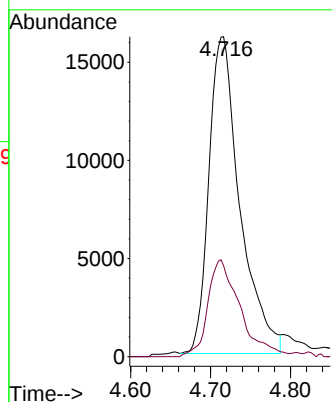
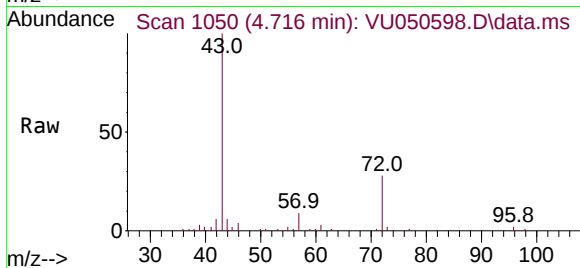
VSTD010020

Tgt Ion: 43 Resp: 43416

Ion Ratio Lower Upper

43 100

72 31.7 14.6 44.0



#23

Bromochloromethane

Concen: 9.597 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

Tgt Ion: 128 Resp: 15261

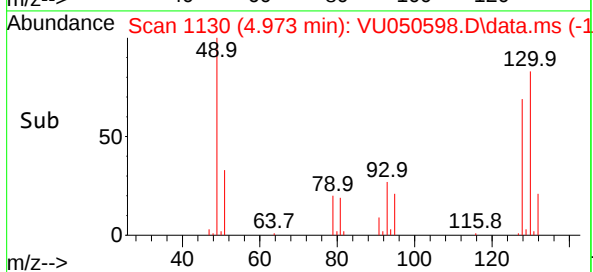
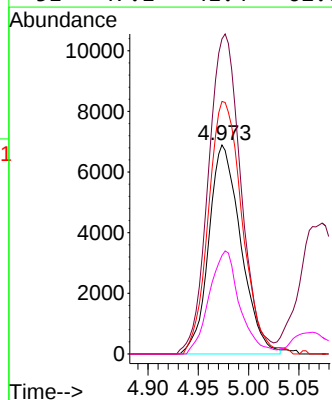
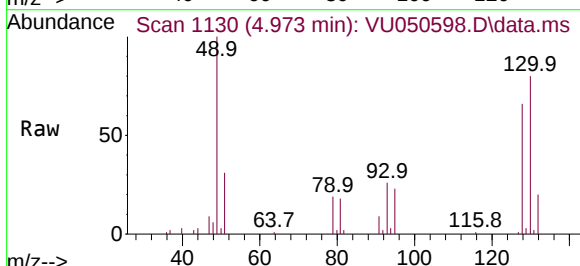
Ion Ratio Lower Upper

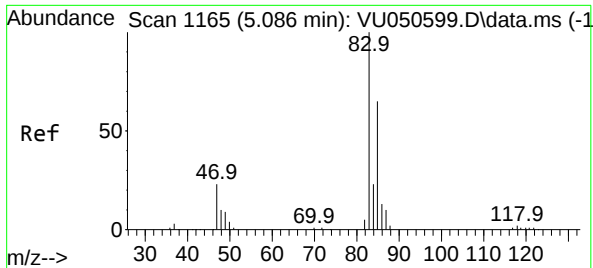
128 100

49 150.8 112.5 208.9

130 120.8 91.8 170.4

51 47.1 41.4 62.0

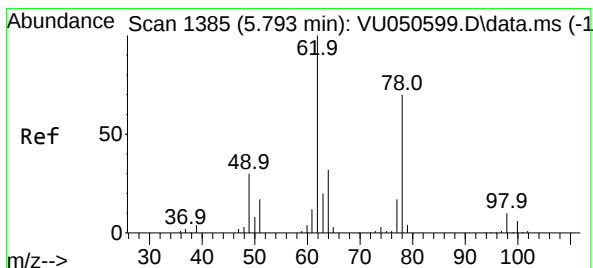
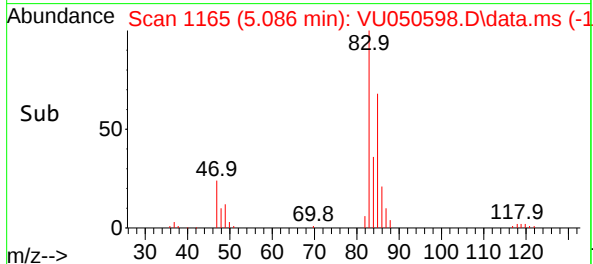
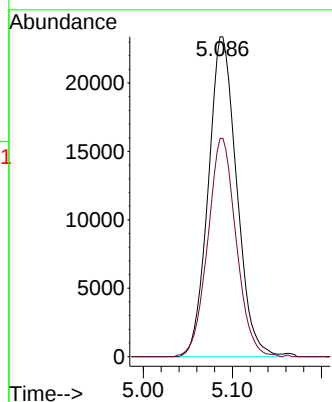
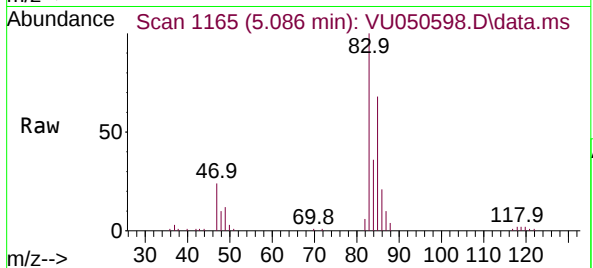




#25
Chloroform
Concen: 9.722 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

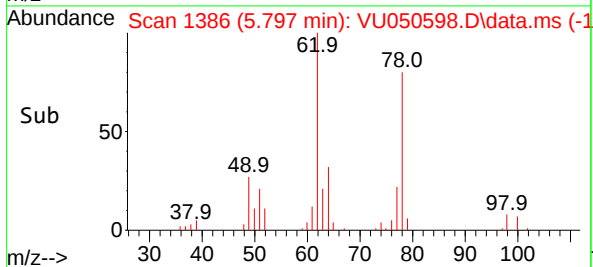
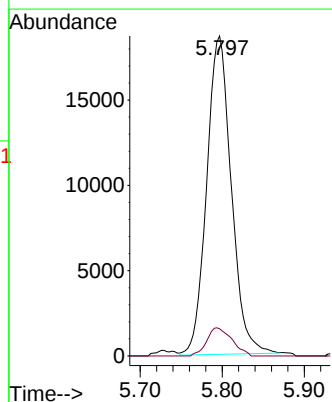
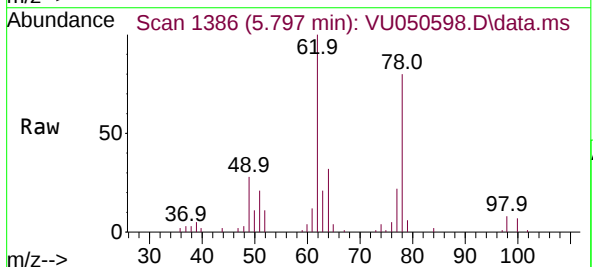
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

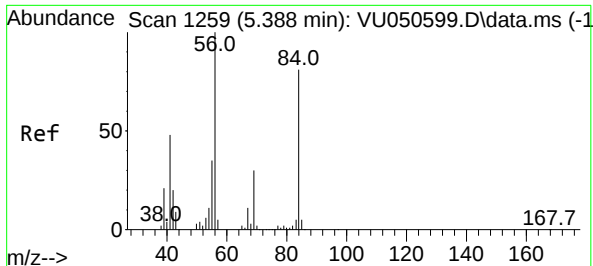
Tgt Ion: 83 Resp: 51678
Ion Ratio Lower Upper
83 100
85 68.2 45.6 84.8



#27
1,2-Dichloroethane
Concen: 9.356 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion: 62 Resp: 38976
Ion Ratio Lower Upper
62 100
98 8.5 8.2 12.2





#29

Cyclohexane

Concen: 10.262 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD010020

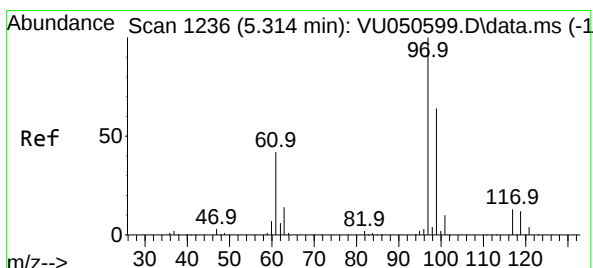
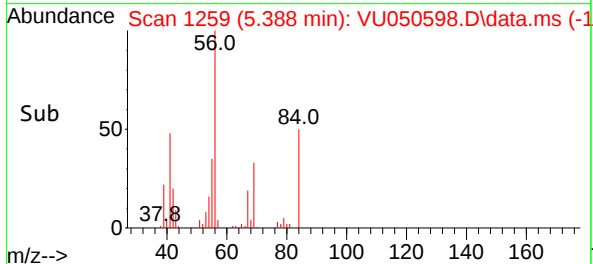
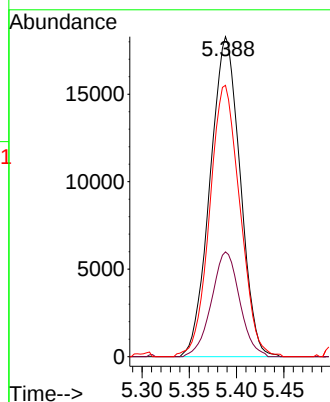
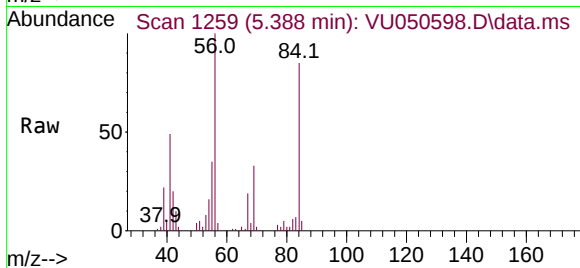
Tgt Ion: 56 Resp: 40418

Ion Ratio Lower Upper

56 100

69 30.7 24.6 37.0

84 85.2 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 10.494 ug/L

RT: 5.318 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

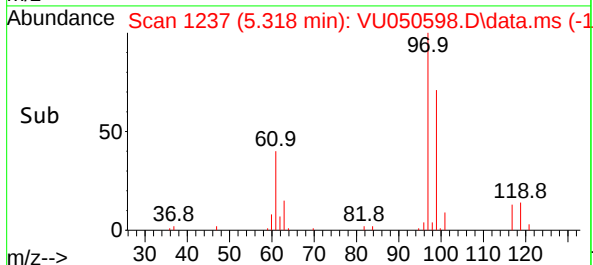
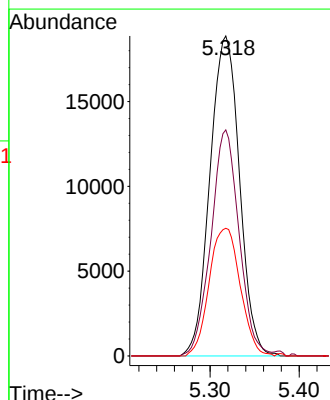
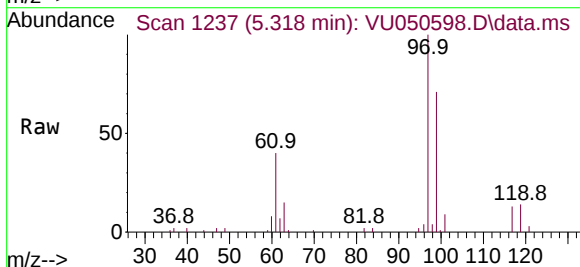
Tgt Ion: 97 Resp: 43464

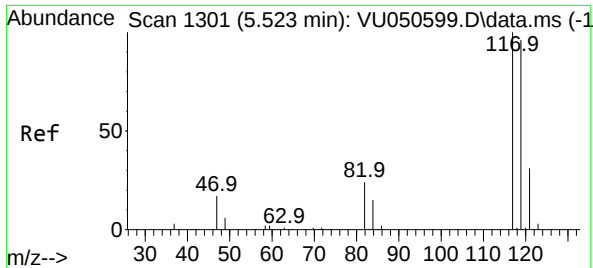
Ion Ratio Lower Upper

97 100

99 67.3 51.2 76.8

61 41.9 34.2 51.4

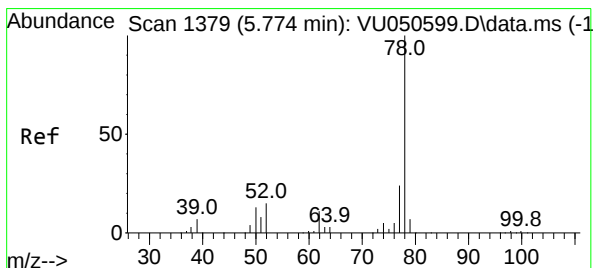
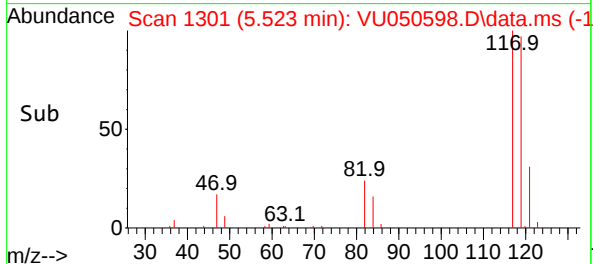
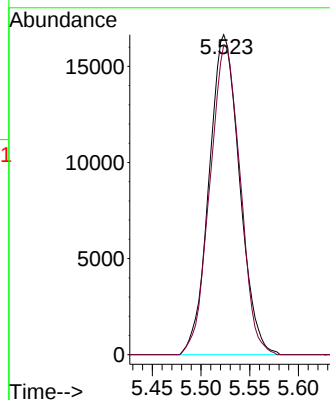
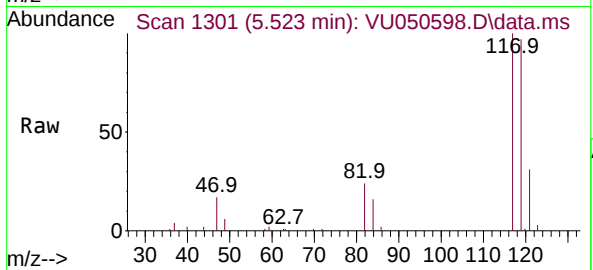




#31
Carbon tetrachloride
Concen: 11.267 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

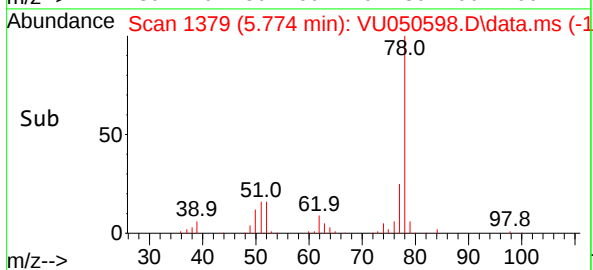
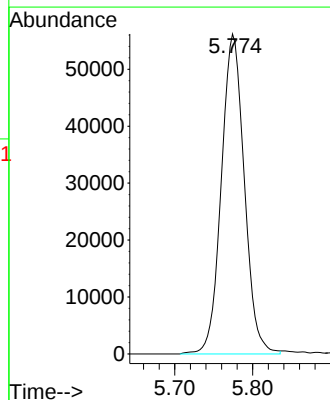
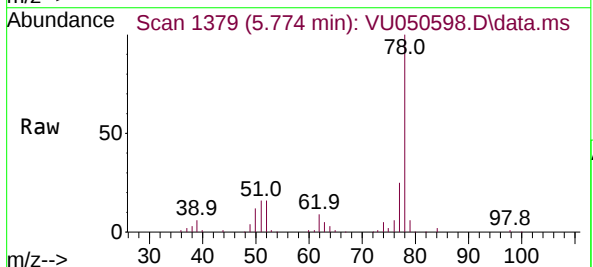
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

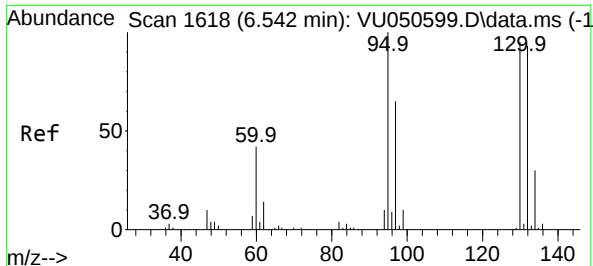
Tgt Ion:117 Resp: 36258
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2



#33
Benzene
Concen: 9.457 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion: 78 Resp: 115136

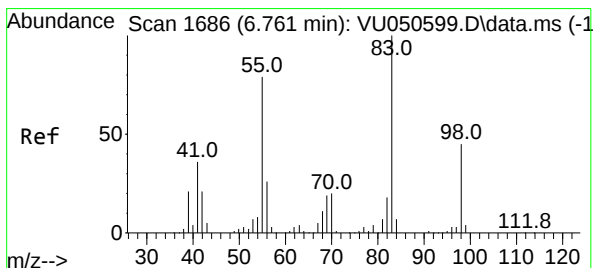
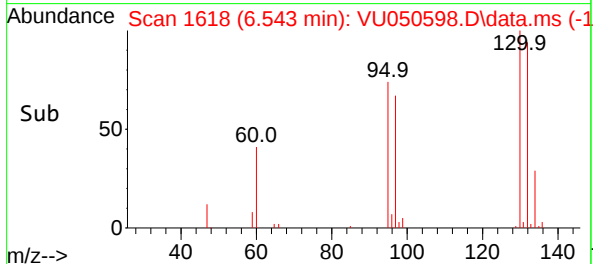
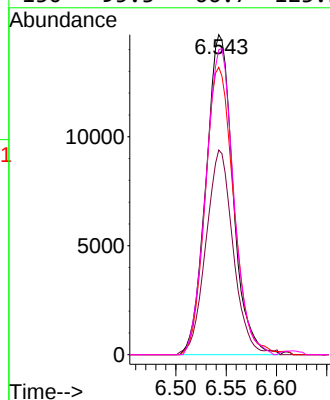
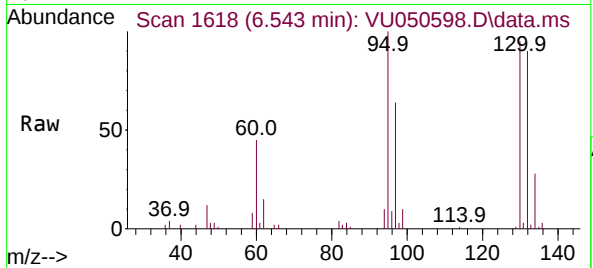




#34
Trichloroethene
Concen: 9.761 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

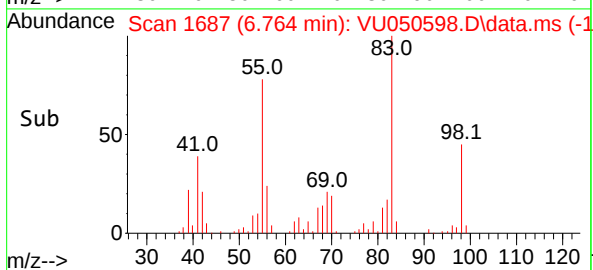
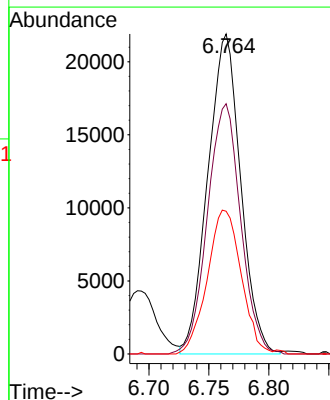
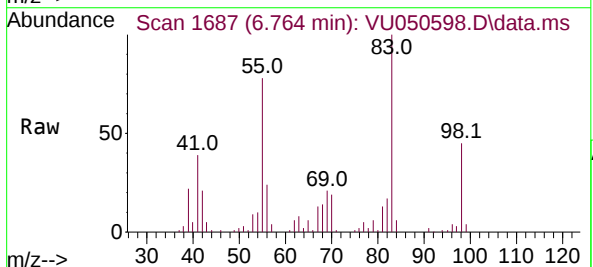
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

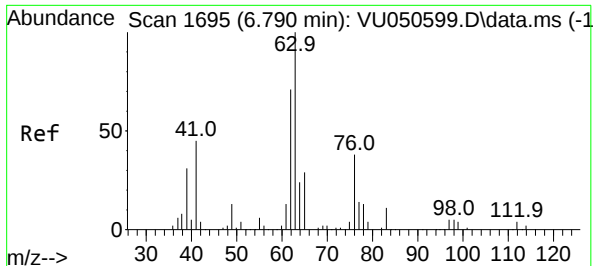
Tgt Ion: 95 Resp: 27525
Ion Ratio Lower Upper
95 100
97 64.0 45.4 84.2
132 89.8 65.2 121.2
130 95.3 66.7 123.9



#35
Methylcyclohexane
Concen: 10.486 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion: 83 Resp: 41609
Ion Ratio Lower Upper
83 100
55 79.2 62.6 93.8
98 46.4 35.5 53.3

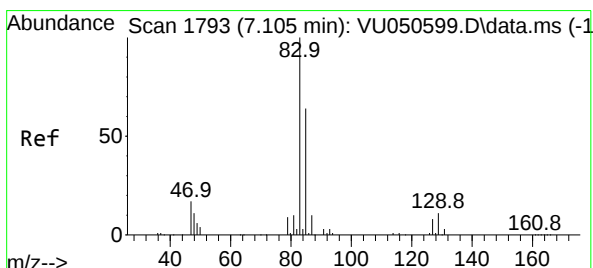
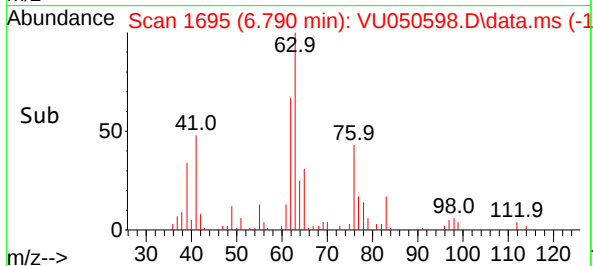
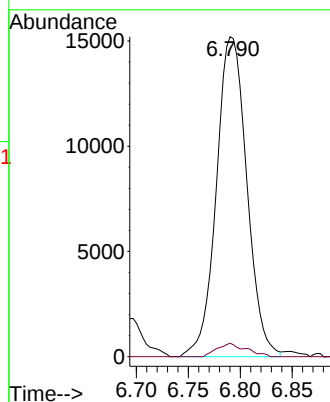
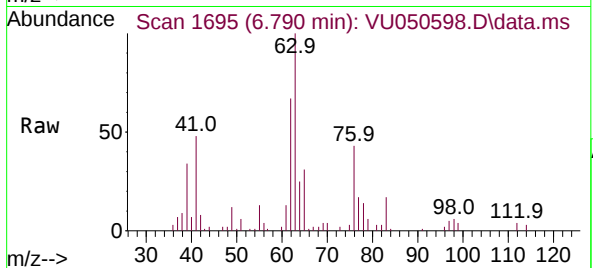




#37
1,2-Dichloropropane
Concen: 9.345 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

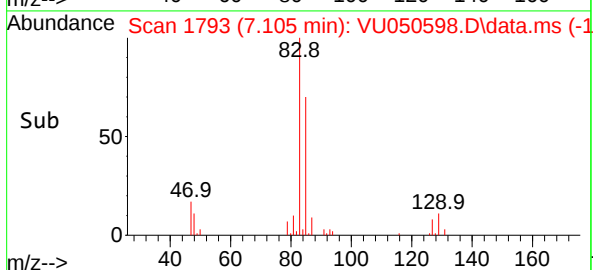
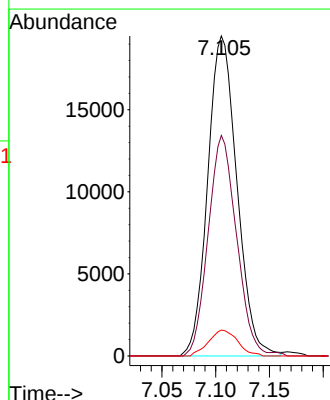
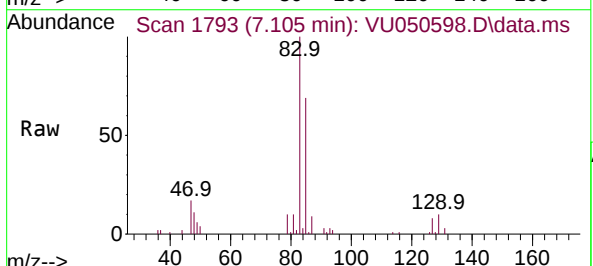
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

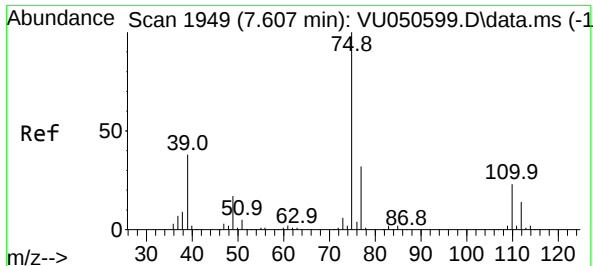
Tgt Ion: 63 Resp: 31038
Ion Ratio Lower Upper
63 100
112 2.8 3.0 4.4#



#38
Bromodichloromethane
Concen: 9.739 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion: 83 Resp: 36894
Ion Ratio Lower Upper
83 100
85 68.9 44.9 83.5
127 8.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 9.022 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

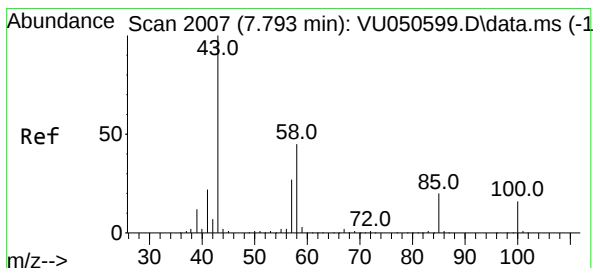
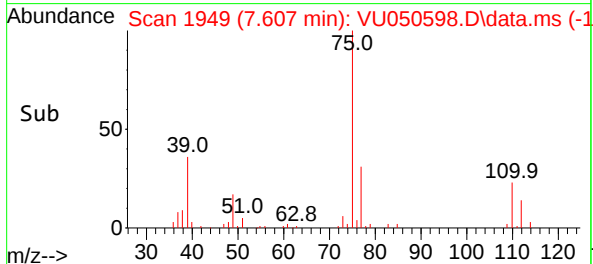
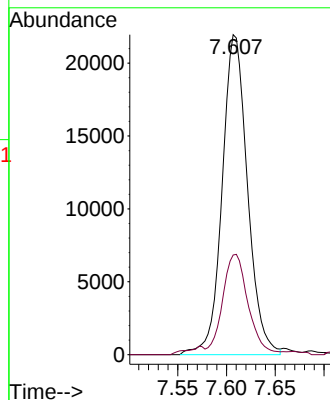
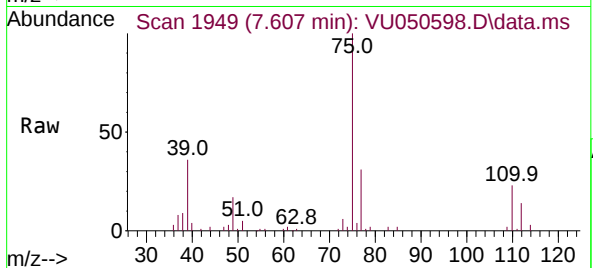
VSTD010020

Tgt Ion: 75 Resp: 39741

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 16.126 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

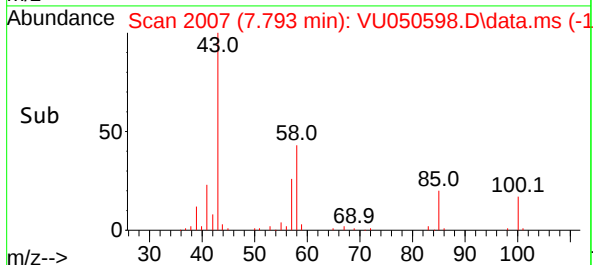
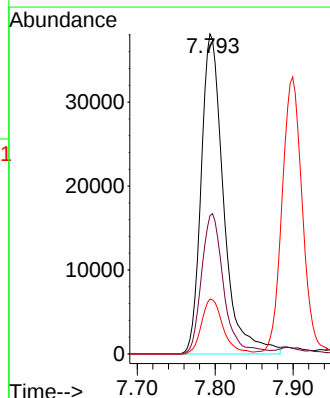
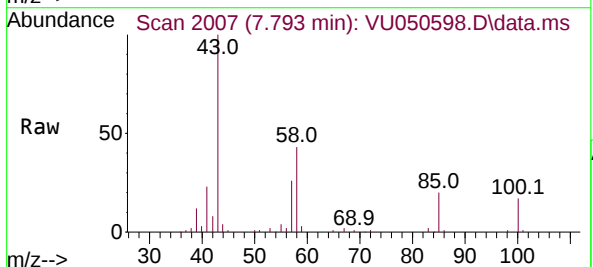
Tgt Ion: 43 Resp: 76507

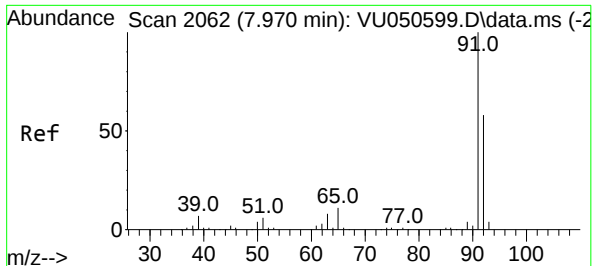
Ion Ratio Lower Upper

43 100

58 42.0 35.1 52.7

100 16.4 12.9 19.3





#42

Toluene

Concen: 9.599 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

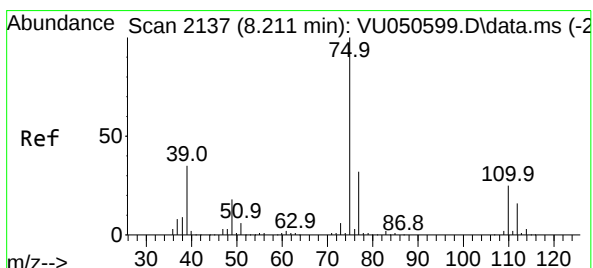
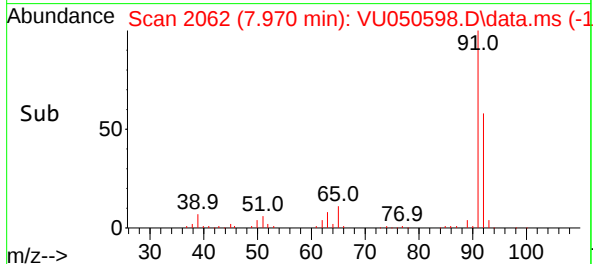
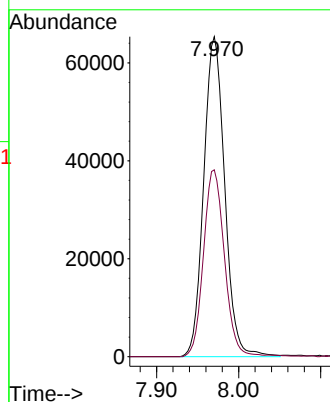
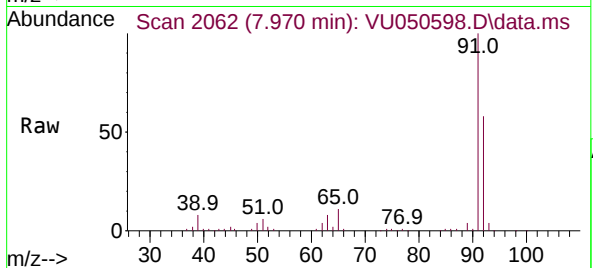
VSTD010020

Tgt Ion: 91 Resp: 116199

Ion Ratio Lower Upper

91 100

92 58.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 8.947 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050598.D

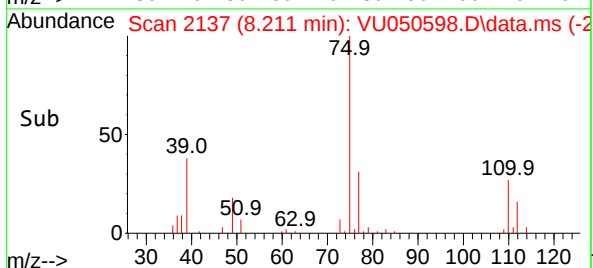
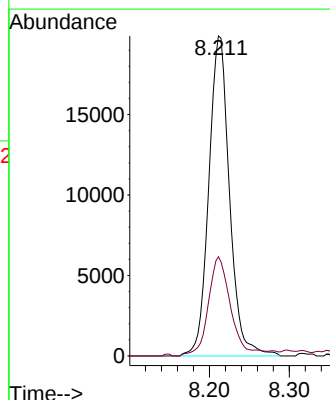
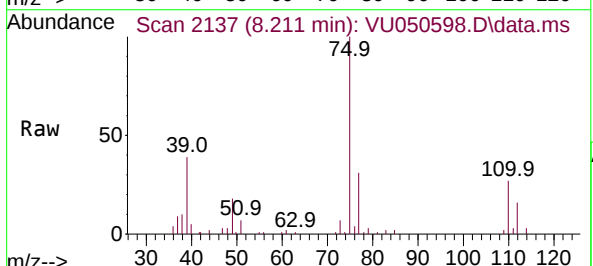
Acq: 02 Sep 2022 14:30

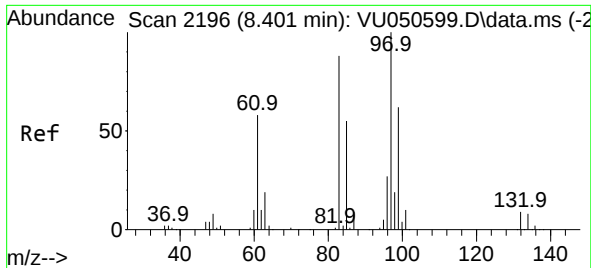
Tgt Ion: 75 Resp: 35846

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1

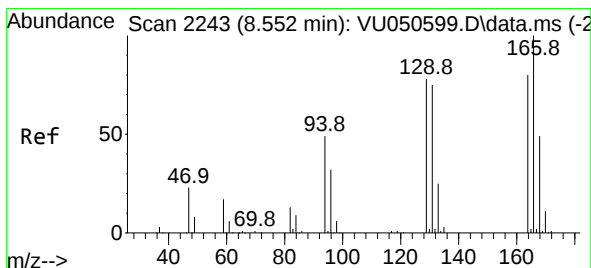
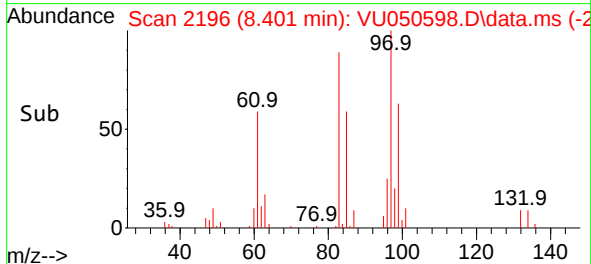
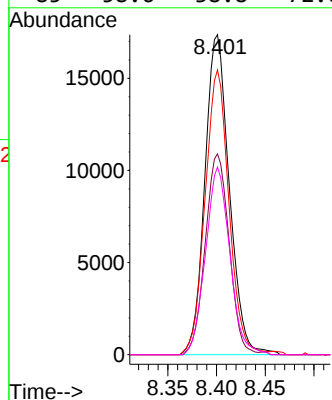
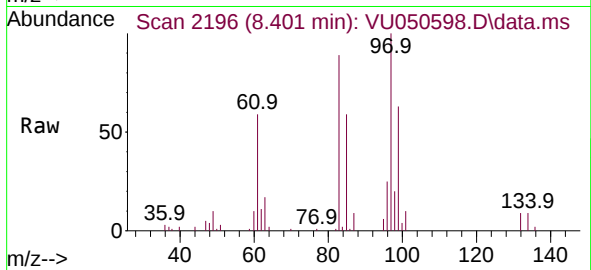




#45
1,1,2-Trichloroethane
Concen: 9.498 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

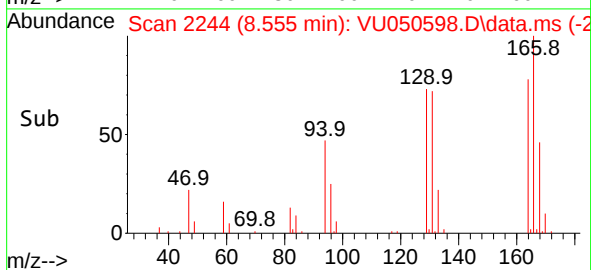
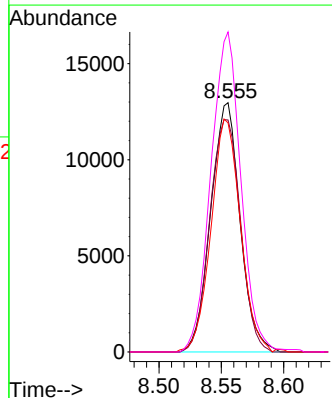
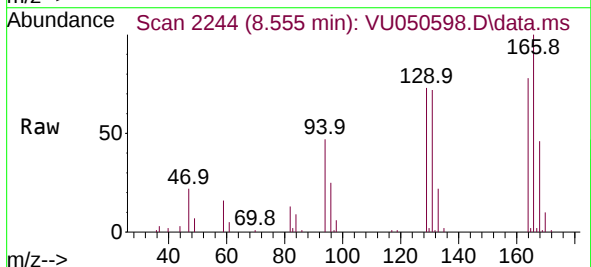
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

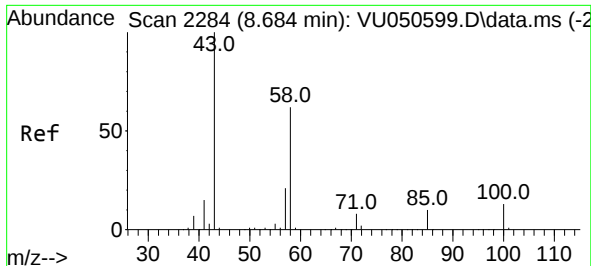
Tgt Ion:	97	Resp:	30348
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.5	80.9
83	88.9	61.6	114.4
85	58.6	38.8	72.0



#46
Tetrachloroethene
Concen: 10.684 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion:	164	Resp:	21242
Ion	Ratio	Lower	Upper
164	100		
129	93.1	68.7	127.5
131	92.0	66.2	123.0
166	128.4	87.7	162.9

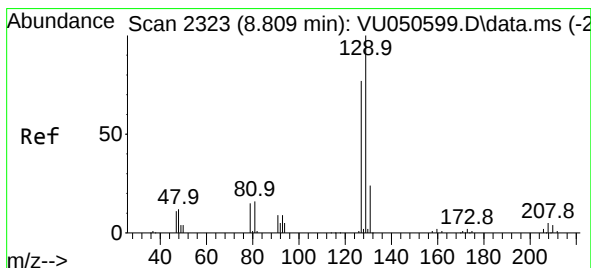
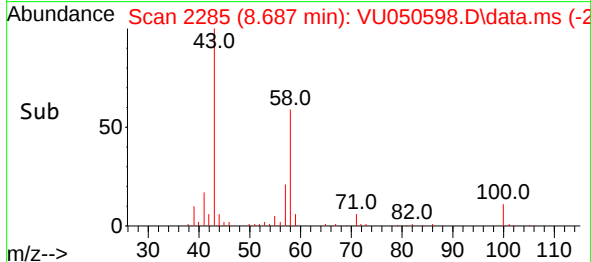
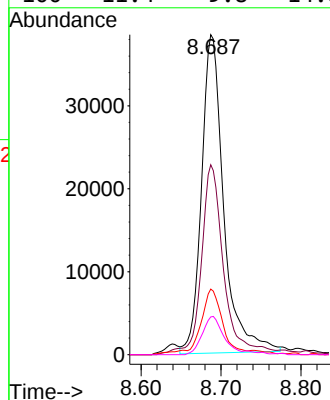
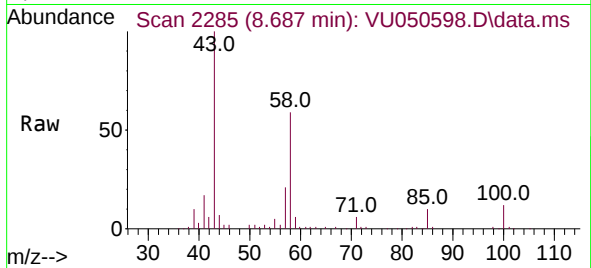




#48
2-Hexanone
Concen: 18.141 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

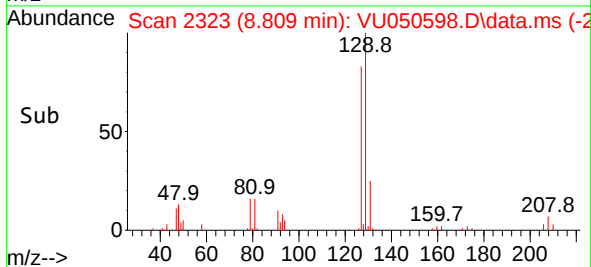
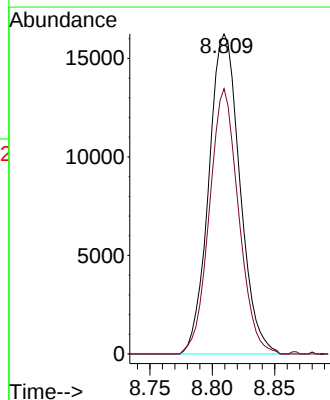
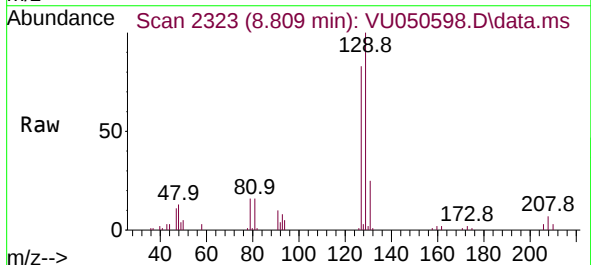
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

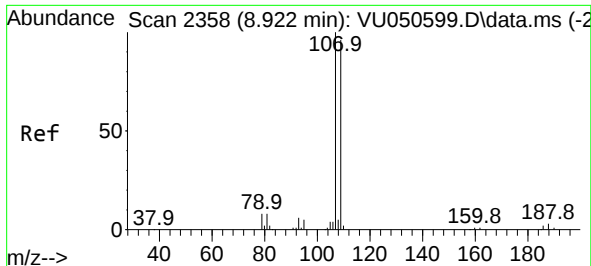
Tgt Ion:	43	Resp:	74358
Ion	Ratio	Lower	Upper
43	100		
58	58.2	51.8	77.6
57	17.2	17.0	25.4
100	11.4	9.8	14.8



#49
Dibromochloromethane
Concen: 9.965 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion:	129	Resp:	28178
Ion	Ratio	Lower	Upper
129	100		
127	82.9	53.8	100.0

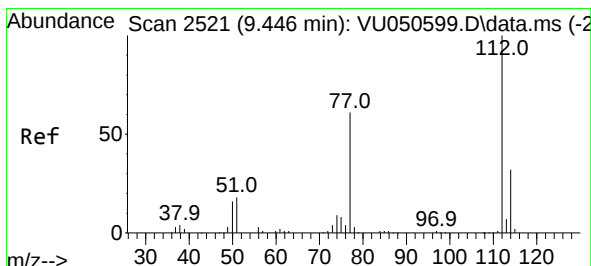
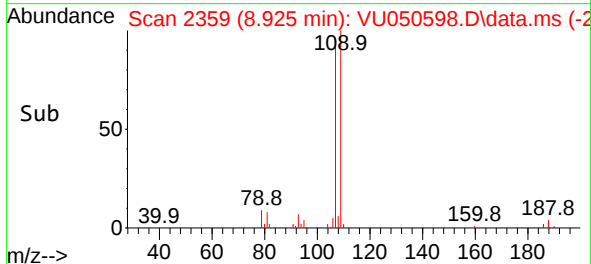
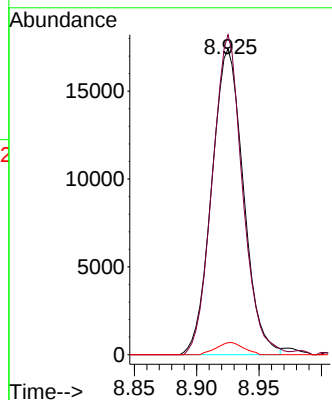
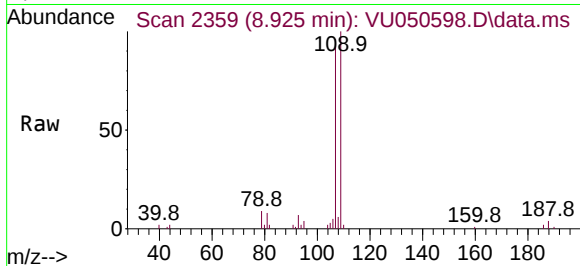




#50
1,2-Dibromoethane
Concen: 9.342 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

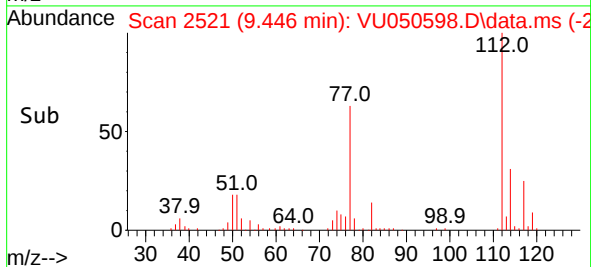
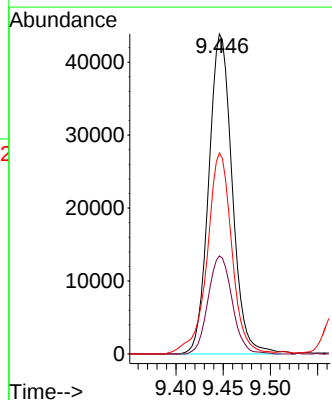
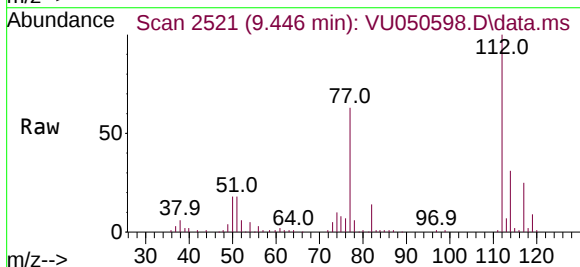
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

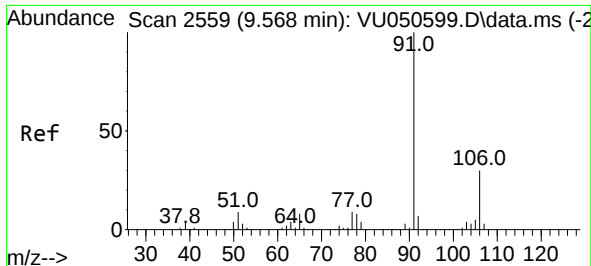
Tgt Ion:107 Resp: 30887
Ion Ratio Lower Upper
107 100
109 104.6 67.5 125.4
188 3.9 2.5 3.7#



#51
Chlorobenzene
Concen: 10.033 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion:112 Resp: 75719
Ion Ratio Lower Upper
112 100
114 30.7 22.1 41.1
77 62.8 49.2 73.8





#52

Ethylbenzene

Concen: 9.611 ug/L

RT: 9.571 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

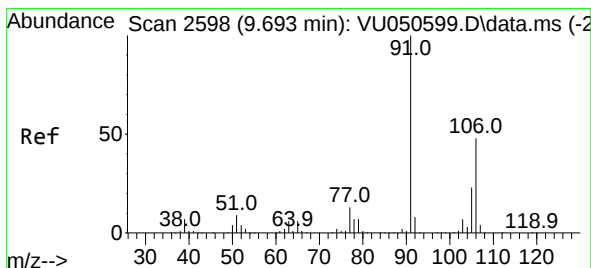
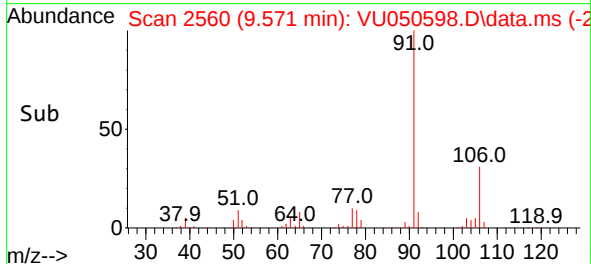
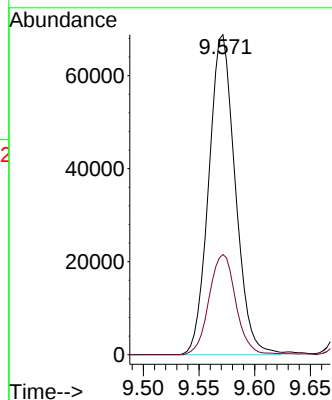
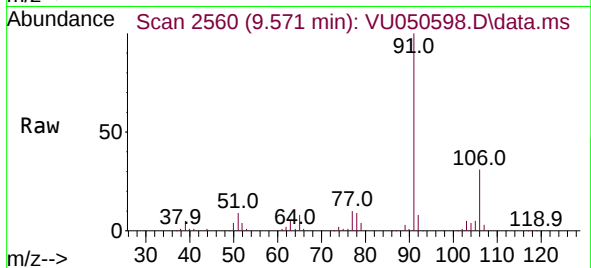
VSTD010020

Tgt Ion: 91 Resp: 113882

Ion Ratio Lower Upper

91 100

106 31.3 21.2 39.4



#53

m,p-Xylene

Concen: 9.682 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU050598.D

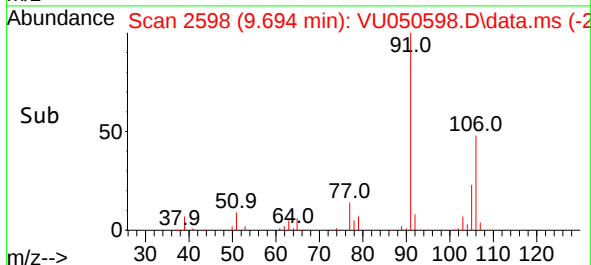
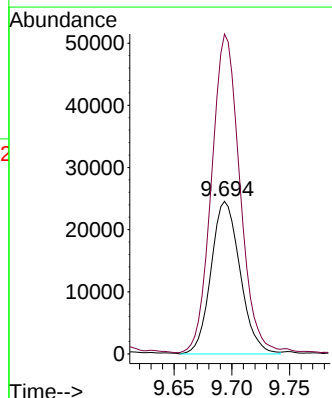
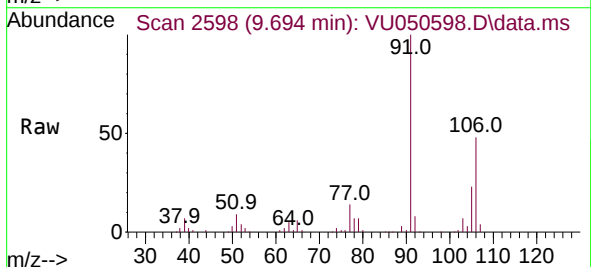
Acq: 02 Sep 2022 14:30

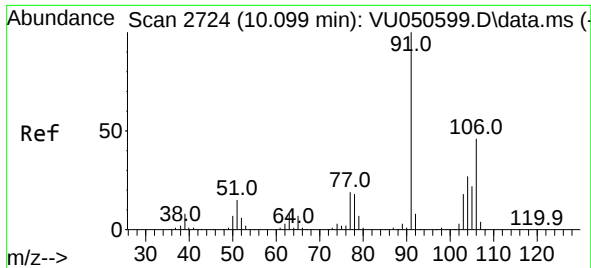
Tgt Ion: 106 Resp: 43040

Ion Ratio Lower Upper

106 100

91 209.5 147.1 273.3

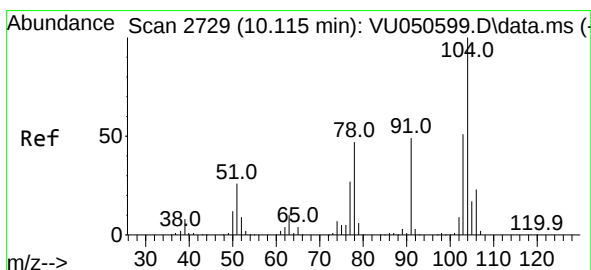
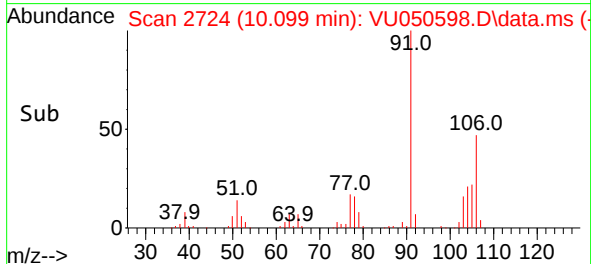
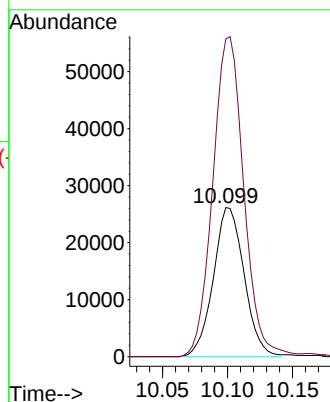
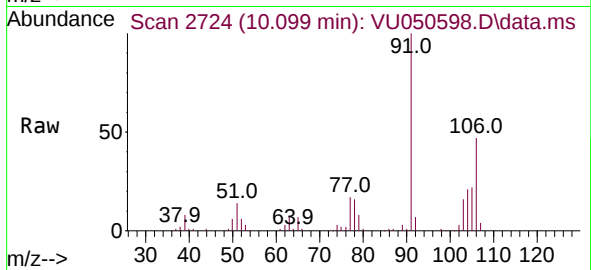




#54
o-Xylene
Concen: 9.567 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

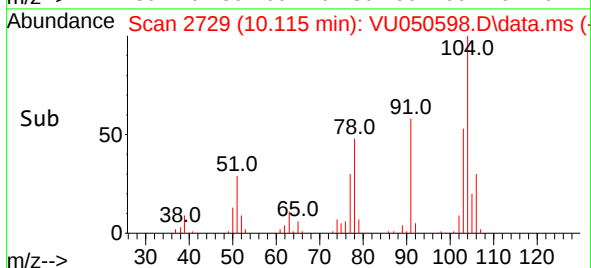
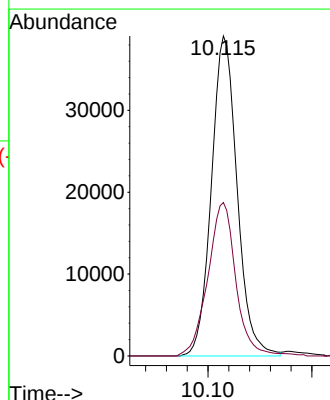
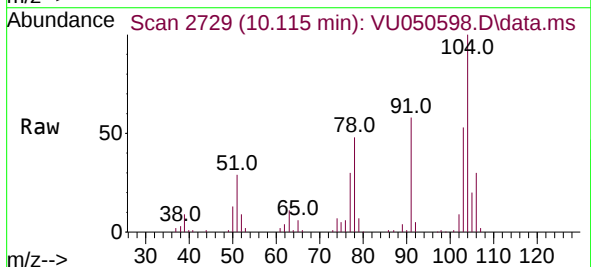
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

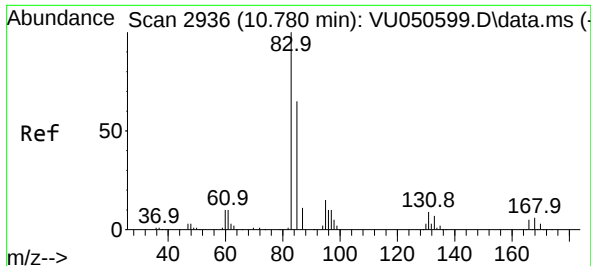
Tgt Ion:106 Resp: 43055
Ion Ratio Lower Upper
106 100
91 213.1 153.4 284.8



#55
Styrene
Concen: 9.002 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion:104 Resp: 67170
Ion Ratio Lower Upper
104 100
78 47.9 32.8 60.8

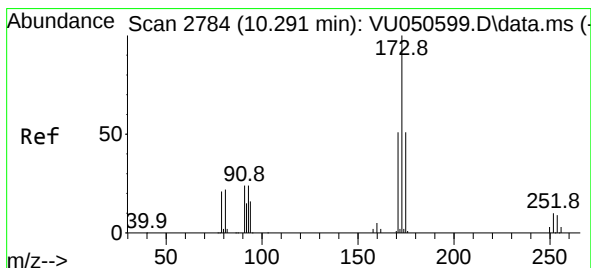
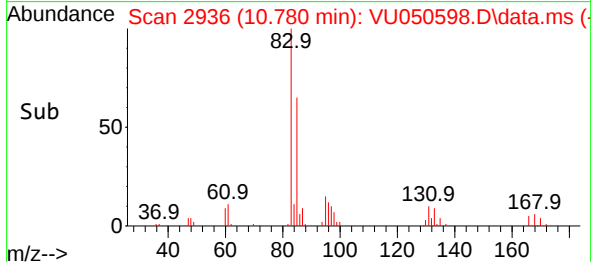
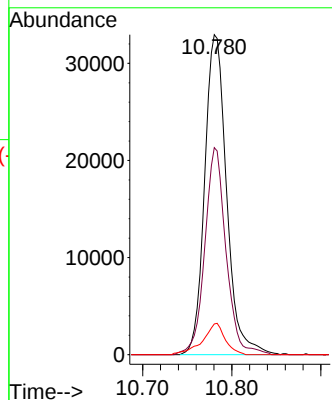
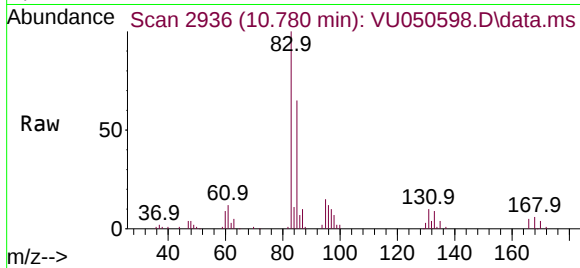




#57
 1,1,2,2-Tetrachloroethane
 Concen: 9.903 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU050598.D
 Acq: 02 Sep 2022 14:30

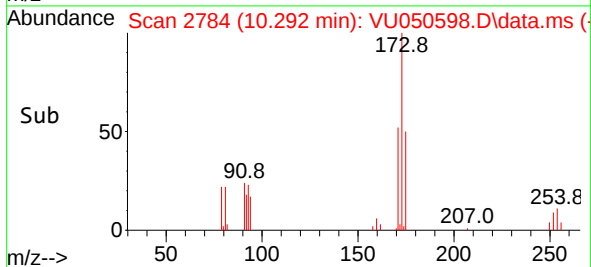
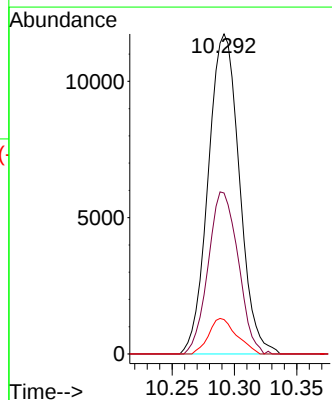
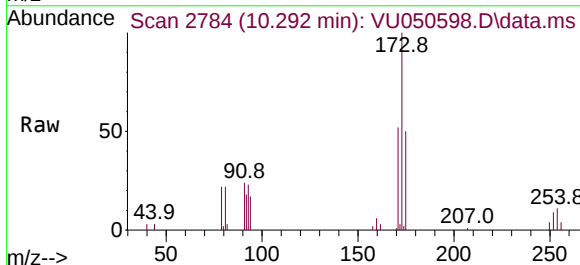
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010020

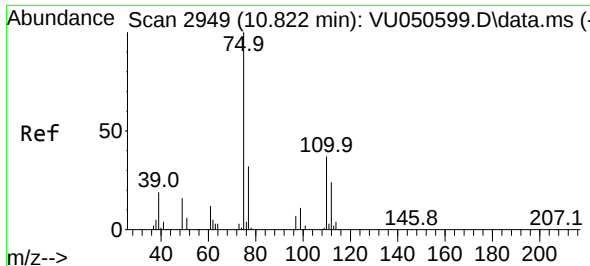
Tgt Ion: 83 Resp: 56328
 Ion Ratio Lower Upper
 83 100
 85 64.7 45.5 84.5
 131 9.6 7.7 11.5



#59
 Bromoform
 Concen: 10.112 ug/L
 RT: 10.292 min Scan# 2784
 Delta R.T. 0.000 min
 Lab File: VU050598.D
 Acq: 02 Sep 2022 14:30

Tgt Ion: 173 Resp: 20429
 Ion Ratio Lower Upper
 173 100
 175 48.7 40.0 60.0
 254 9.9 7.4 11.0

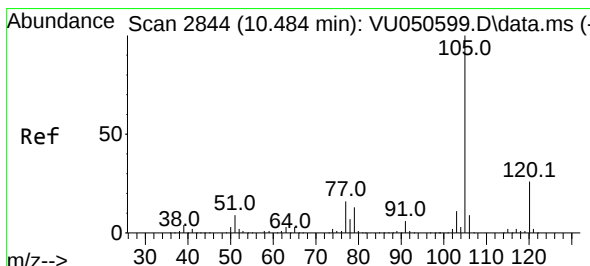
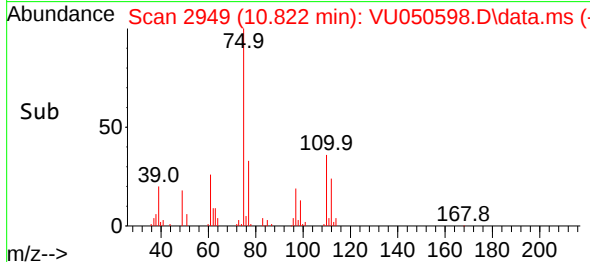
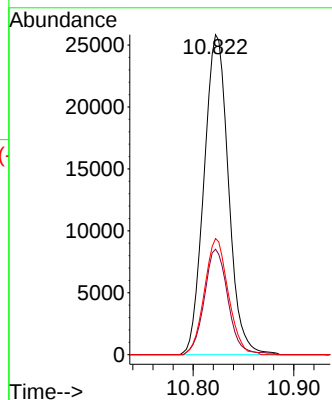
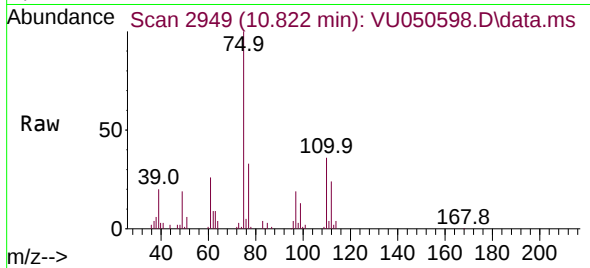




#60
1,2,3-Trichloropropane
Concen: 9.828 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

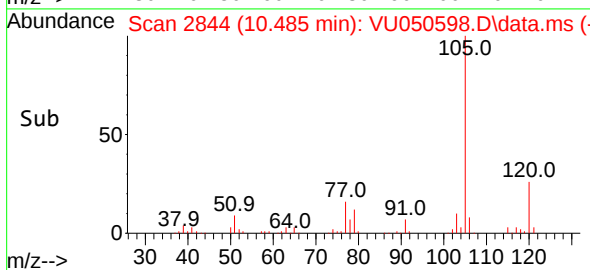
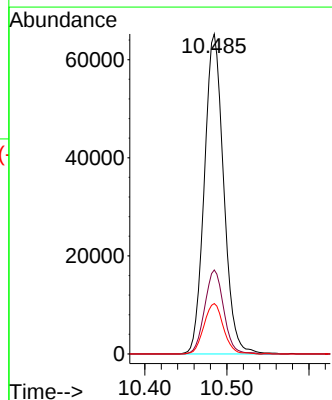
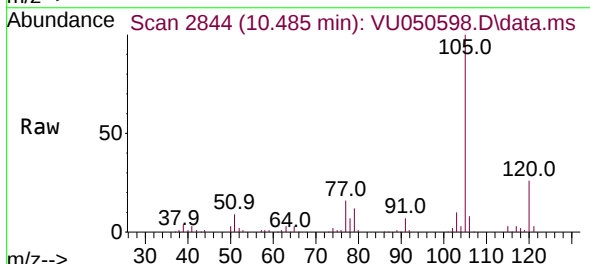
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

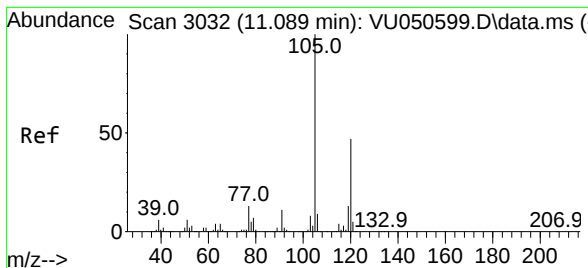
Tgt Ion:	75	Resp:	43624
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
110	35.4	29.3	43.9



#61
Isopropylbenzene
Concen: 9.852 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion:	105	Resp:	106523
Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.4	30.6
77	16.0	12.8	19.2

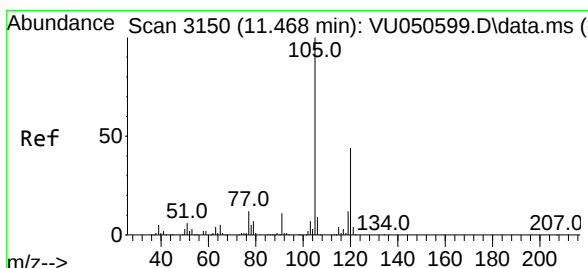
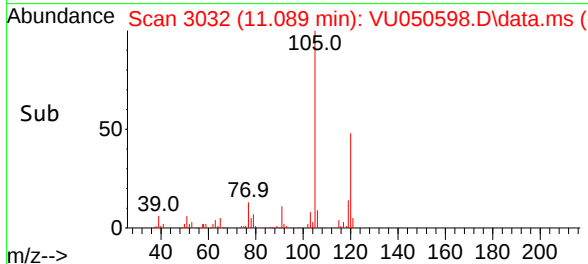
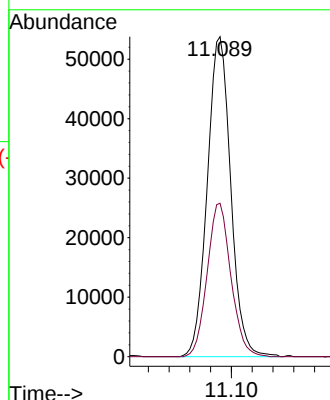
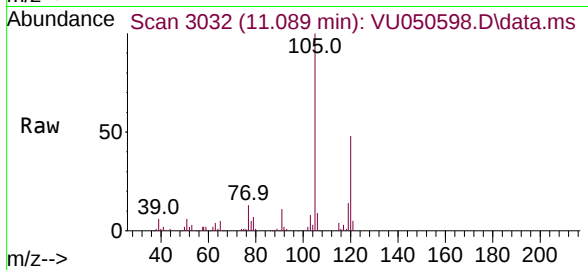




#62
1,3,5-Trimethylbenzene
Concen: 9.410 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

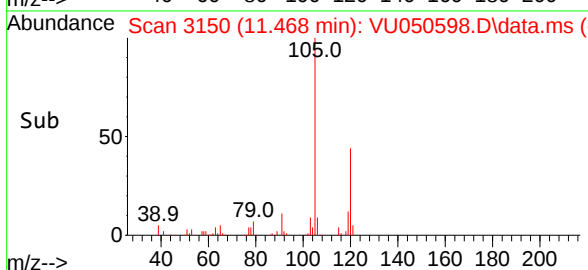
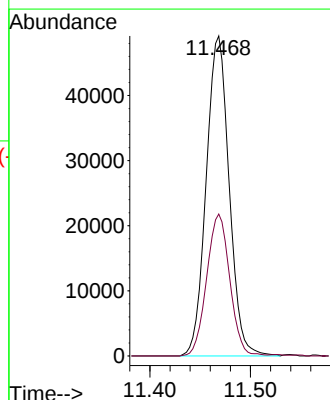
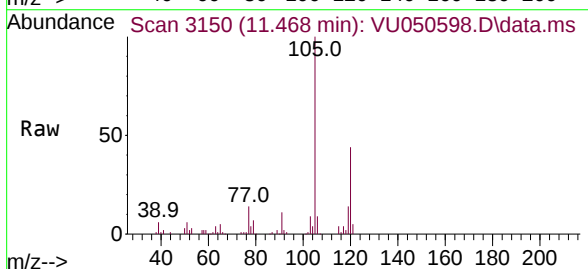
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

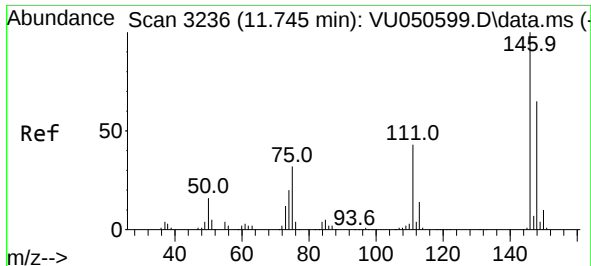
Tgt Ion:105 Resp: 84214
Ion Ratio Lower Upper
105 100
120 48.4 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 8.995 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion:105 Resp: 77996
Ion Ratio Lower Upper
105 100
120 44.3 35.3 52.9

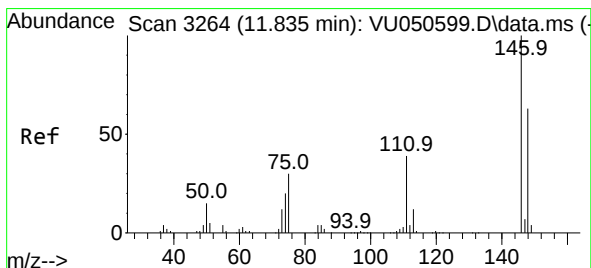
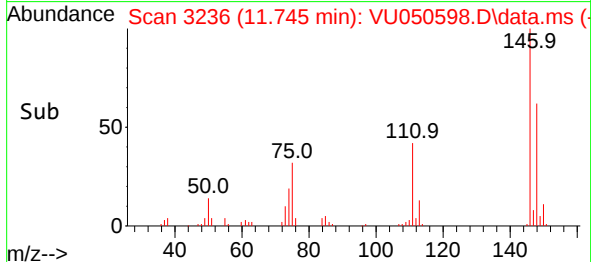
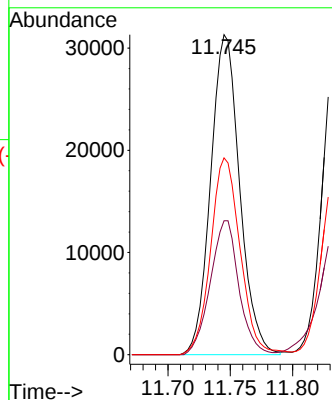
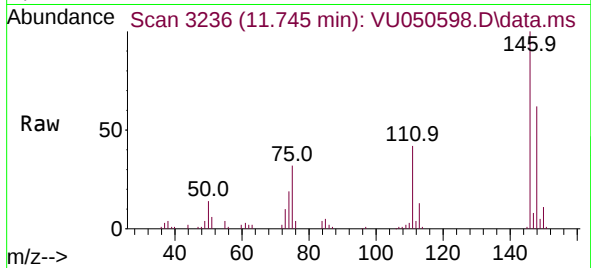




#64
1,3-Dichlorobenzene
Concen: 9.932 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

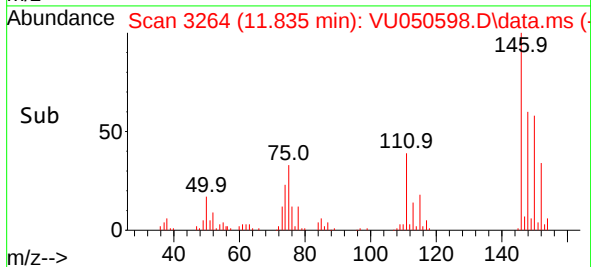
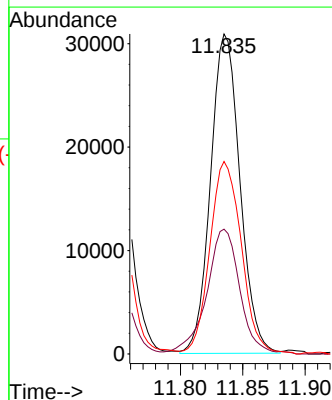
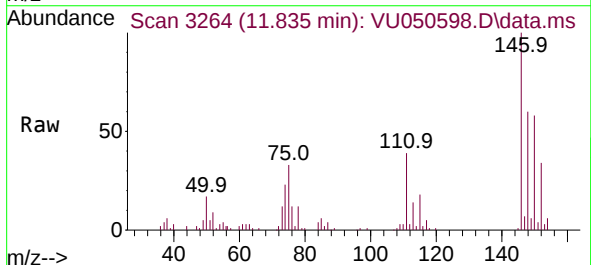
Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

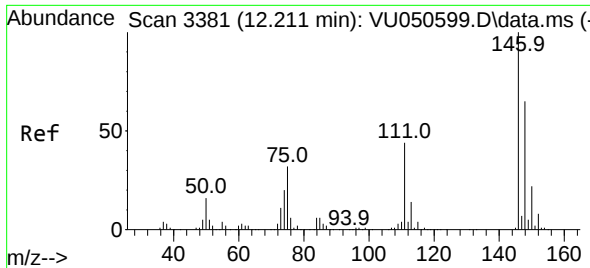
Tgt Ion:146 Resp: 50791
Ion Ratio Lower Upper
146 100
111 41.9 29.9 55.5
148 61.5 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 9.770 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion:146 Resp: 50794
Ion Ratio Lower Upper
146 100
111 39.0 27.9 51.7
148 60.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 9.729 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD010020

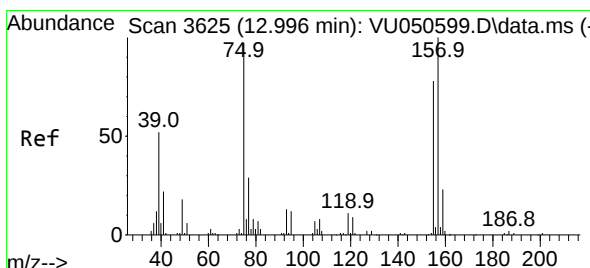
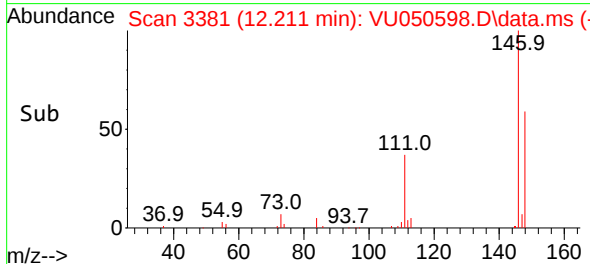
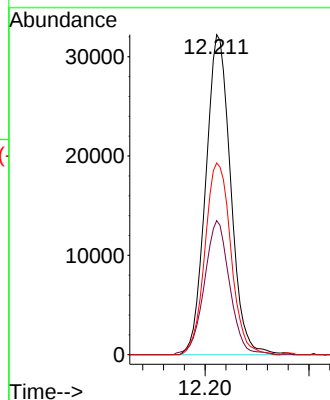
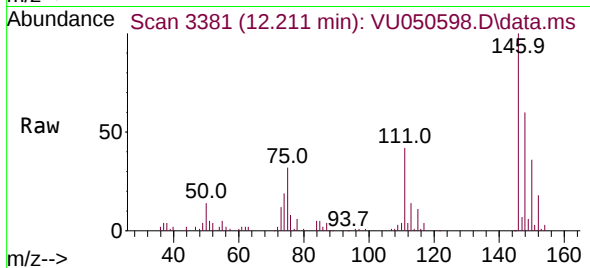
Tgt Ion:146 Resp: 53623

Ion Ratio Lower Upper

146 100

111 41.9 35.1 52.7

148 59.9 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 9.397 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050598.D

Acq: 02 Sep 2022 14:30

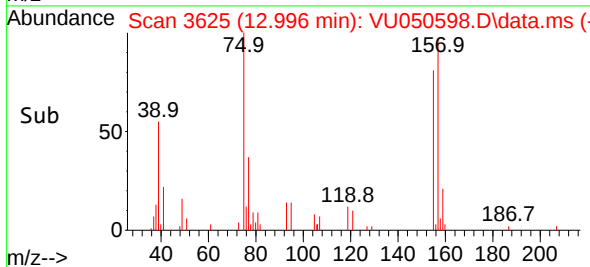
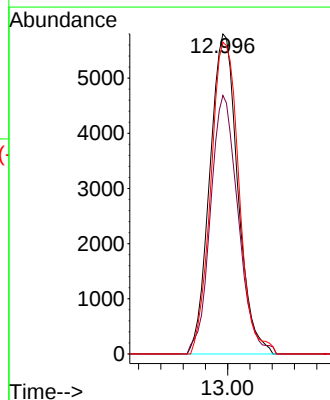
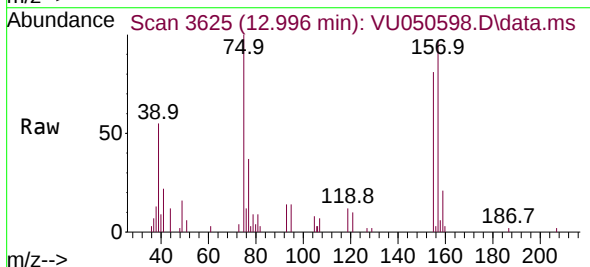
Tgt Ion: 75 Resp: 10103

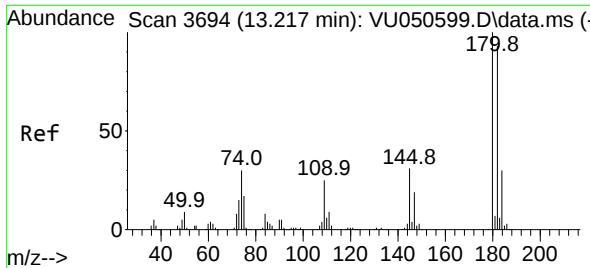
Ion Ratio Lower Upper

75 100

155 80.8 67.8 101.6

157 103.5 82.6 124.0

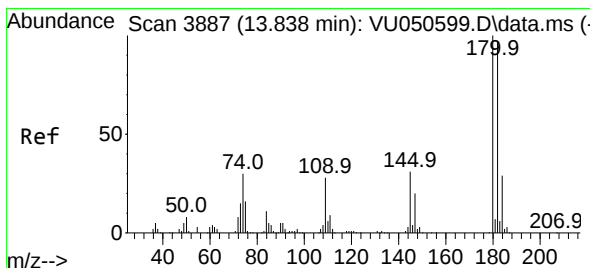
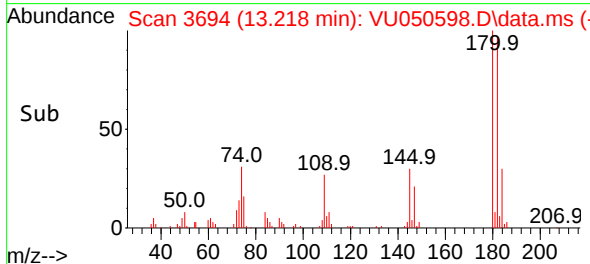
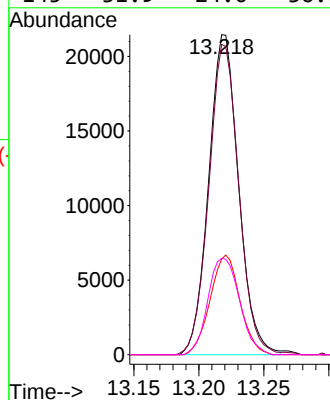
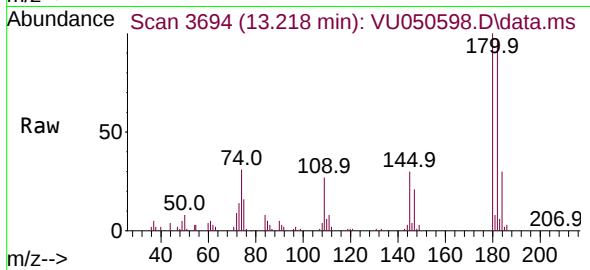




#69
 1,3,5-Trichlorobenzene
 Concen: 9.611 ug/L
 RT: 13.218 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VU050598.D
 Acq: 02 Sep 2022 14:30

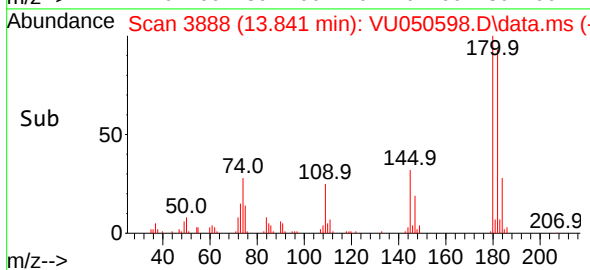
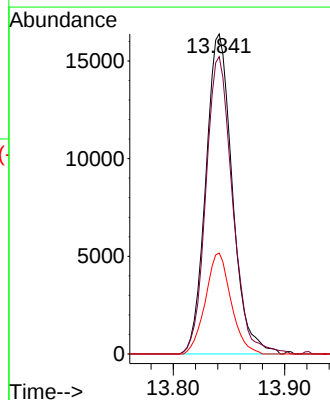
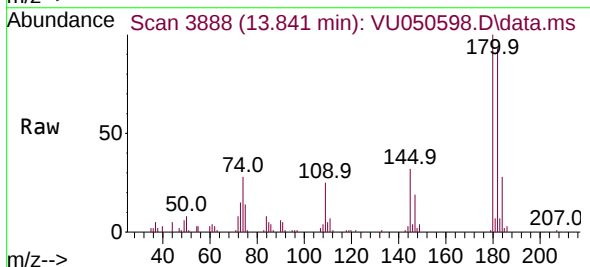
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010020

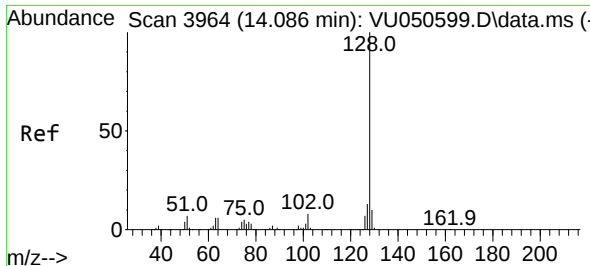
Tgt Ion:	180	Resp:	34243
Ion Ratio	Lower	Upper	
180	100		
182	97.2	75.3	112.9
184	31.2	23.8	35.8
145	31.9	24.0	36.0



#70
 1,2,4-trichlorobenzene
 Concen: 8.623 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050598.D
 Acq: 02 Sep 2022 14:30

Tgt Ion:	180	Resp:	27091
Ion Ratio	Lower	Upper	
180	100		
182	93.2	76.2	114.2
145	30.4	24.7	37.1

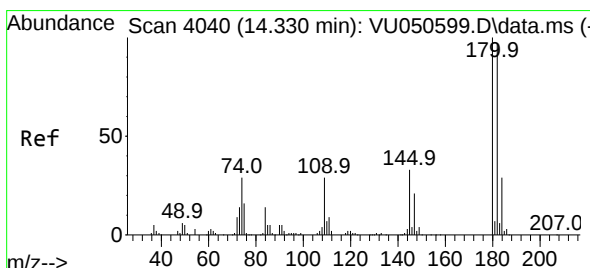
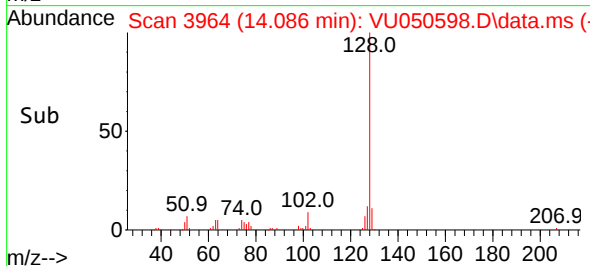
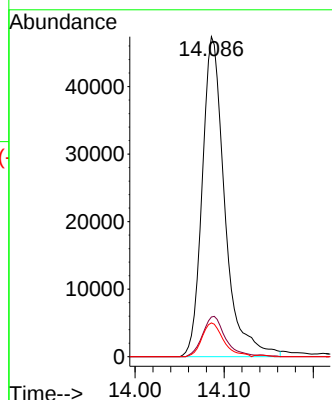
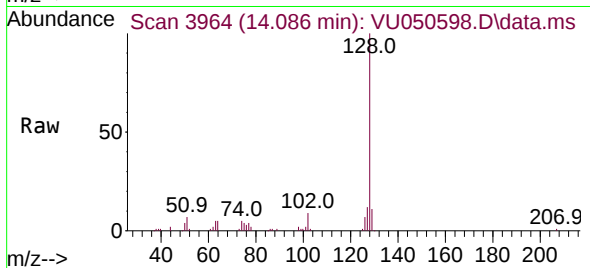




#71
Naphthalene
Concen: 6.601 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD010020

Tgt Ion:128 Resp: 83341
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.1 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 8.077 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050598.D
Acq: 02 Sep 2022 14:30

Tgt Ion:180 Resp: 29029
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 34.6 26.4 39.6

