

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054536.D
 Acq On : 15 Jun 2023 19:14
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

Quant Time: Jun 16 02:42:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	306698	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	291552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	156424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	75325	3.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.911	69	84211	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.567	65	34177	3.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.628	46	258367	47.080	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.160%
24) Chloroform-d	5.058	84	187549	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.698	65	90385	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.724	84	369112	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	123503	4.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.894	98	318662	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.174	79	37886	4.025	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.631	63	181304	45.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93922	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	115402	4.374	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	124202	4.334	ug/L	99
3) Chloromethane	1.518	50	140056	4.254	ug/L	99
5) Vinyl chloride	1.602	62	149391	4.421	ug/L	99
6) Bromomethane	1.856	94	84947	4.573	ug/L	99
8) Chloroethane	1.933	64	94427	4.662	ug/L	99
9) Trichlorofluoromethane	2.136	101	195770	4.713	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	116285	4.785	ug/L	99
12) 1,1-Dichloroethene	2.579	96	102241	4.596	ug/L	98
13) Acetone	2.640	43	169686	32.794	ug/L	96
14) Carbon disulfide	2.792	76	284635	4.315	ug/L	99
15) Methyl Acetate	2.952	43	44509	4.642	ug/L	98
16) Methylene chloride	3.042	84	116687	3.730	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	258260	4.704	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	105851	4.609	ug/L	98
19) 1,1-Dichloroethane	3.865	63	222040	4.672	ug/L	99
21) 2-Butanone	4.708	43	292266	43.523	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	126395	4.833	ug/L	96
23) Bromochloromethane	4.972	128	52610	4.834	ug/L	93
25) Chloroform	5.084	83	223243	4.764	ug/L	99

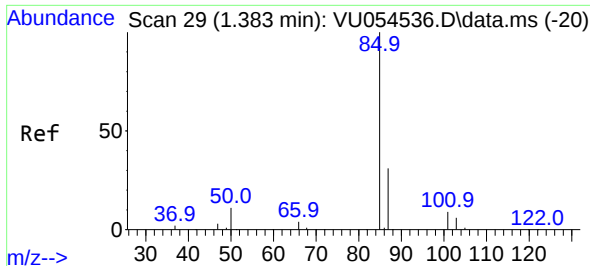
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 Data File : VU054536.D
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Quant Time: Jun 16 02:42:35 2023
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	128136	4.665	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	184988	4.679	ug/L	99
30) Cyclohexane	5.383	56	184811	4.292	ug/L	98
31) Carbon tetrachloride	5.521	117	159889	4.693	ug/L	100
33) Benzene	5.769	78	472723	4.511	ug/L	100
34) Trichloroethene	6.537	95	124985	4.511	ug/L	95
35) Methylcyclohexane	6.759	83	177498	4.238	ug/L	98
37) 1,2-Dichloropropane	6.785	63	130651	4.611	ug/L	99
38) Bromodichloromethane	7.100	83	152491	4.755	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	180169	4.658	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	701913	46.426	ug/L	99
42) Toluene	7.965	91	516060	4.782	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	149319	4.757	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	87682	4.865	ug/L	98
47) Tetrachloroethene	8.550	164	95335	4.495	ug/L	98
48) 2-Hexanone	8.679	43	519508	46.116	ug/L	99
49) Dibromochloromethane	8.804	129	95645	5.054	ug/L	98
50) 1,2-Dibromoethane	8.920	107	80084	4.840	ug/L	94
51) Chlorobenzene	9.444	112	314933	4.682	ug/L	100
52) Ethylbenzene	9.566	91	550925	4.675	ug/L	100
53) m,p-Xylene	9.692	106	208988	4.827	ug/L	96
54) o-Xylene	10.097	106	200373	4.786	ug/L	99
55) Styrene	10.110	104	344407	4.901	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	105221	4.596	ug/L	97
59) Bromoform	10.286	173	55742	4.964	ug/L	99
60) Isopropylbenzene	10.479	105	549040	4.798	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	74597	4.719	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	432777	4.635	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	444493	4.688	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	261347	4.886	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	258482	4.815	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	236895	4.816	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	16108	4.637	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	196383	4.866	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	162897	4.881	ug/L	99
71) Naphthalene	14.081	128	254958	4.698	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	143731	5.013	ug/L	98

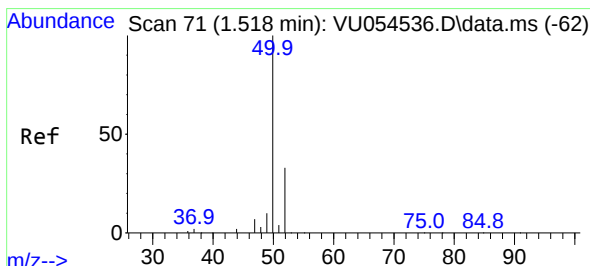
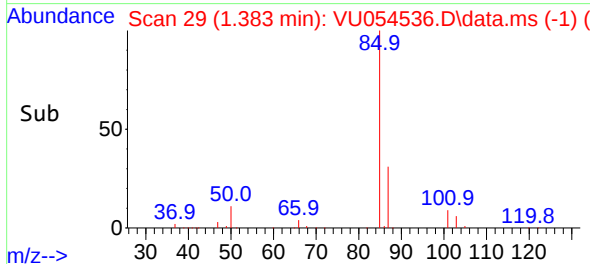
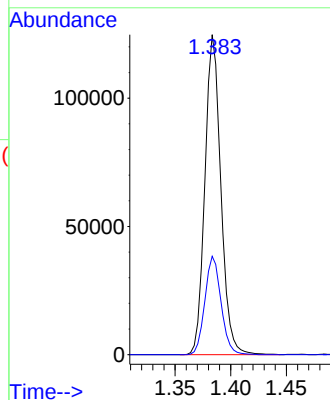
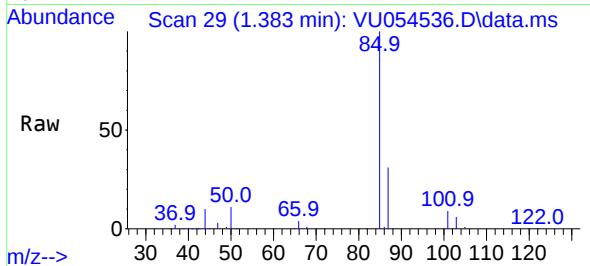
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#2
 Dichlorodifluoromethane
 Concen: 4.334 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054536.D
 Acq: 15 Jun 2023 19:14

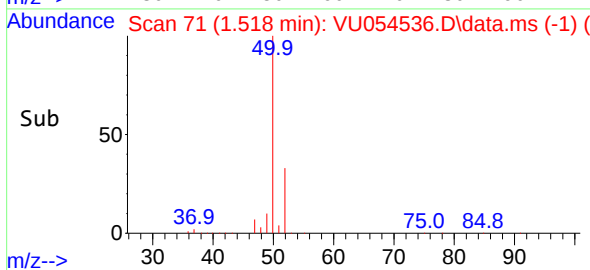
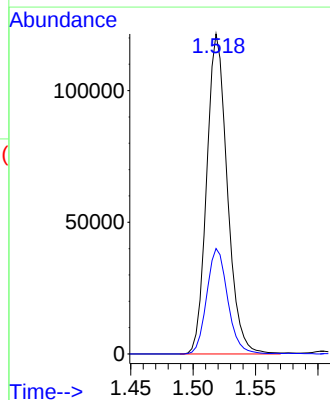
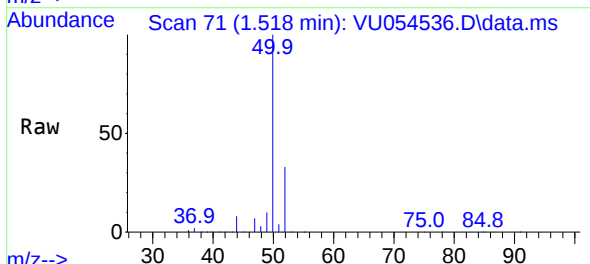
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 ClientSampleId :
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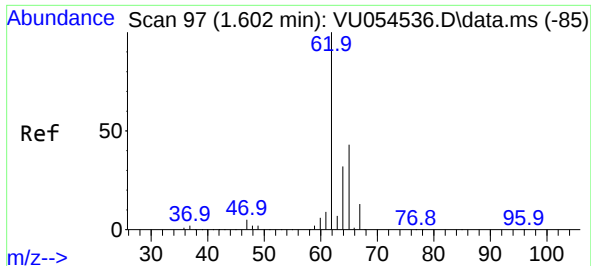
Tgt Ion: 85 Resp: 124202
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.4 38.2



#3
 Chloromethane
 Concen: 4.254 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054536.D
 Acq: 15 Jun 2023 19:14

Tgt Ion: 50 Resp: 140056
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.4 43.4

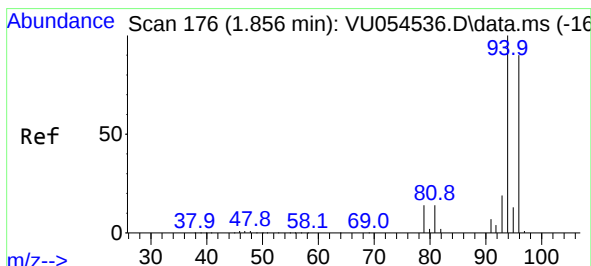
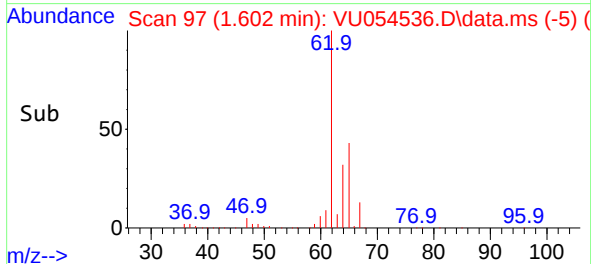
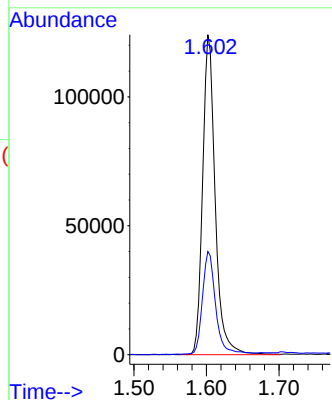
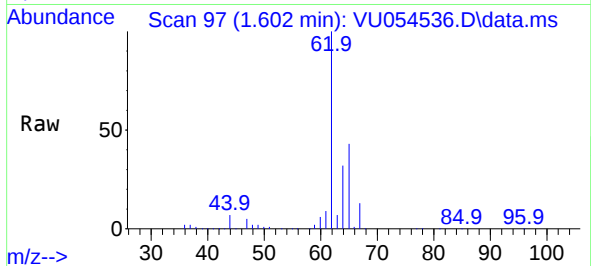




#5
 Vinyl chloride
 Concen: 4.421 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054536.D
 Acq: 15 Jun 2023 19:14

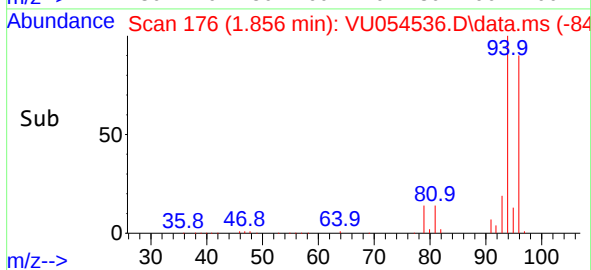
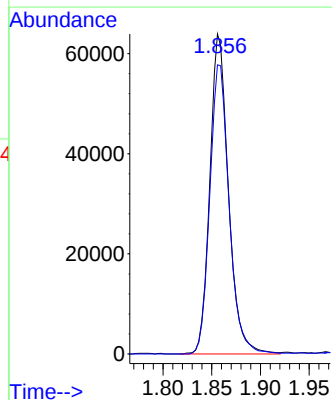
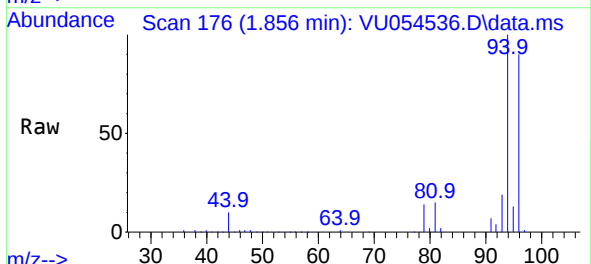
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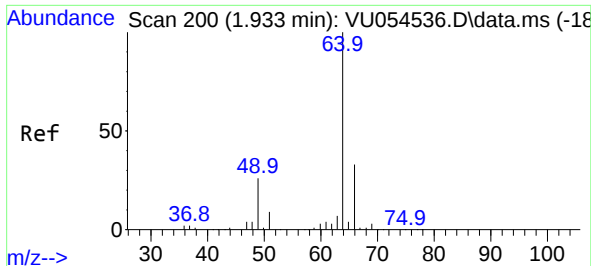
Tgt Ion: 62 Resp: 149391
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.0 42.6



#6
 Bromomethane
 Concen: 4.573 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU054536.D
 Acq: 15 Jun 2023 19:14

Tgt Ion: 94 Resp: 84947
 Ion Ratio Lower Upper
 94 100
 96 90.3 63.6 118.2

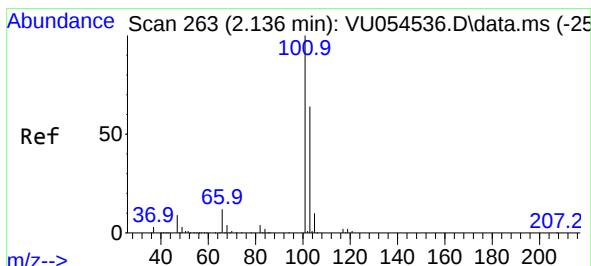
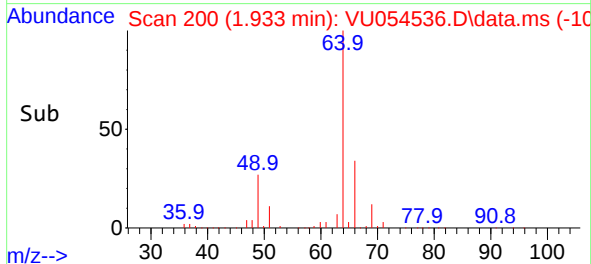
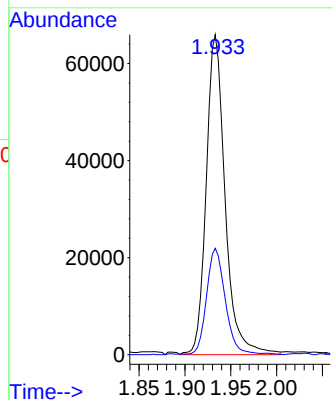
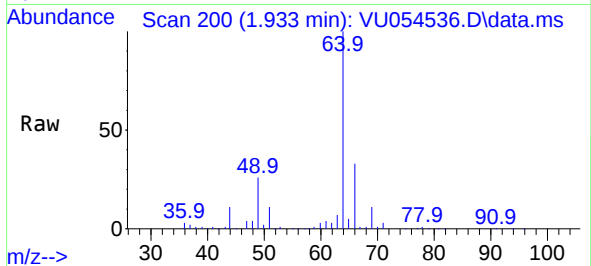




#8
Chloroethane
Concen: 4.662 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

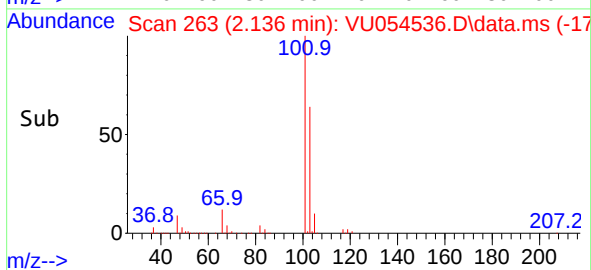
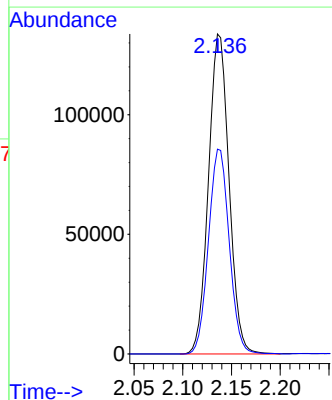
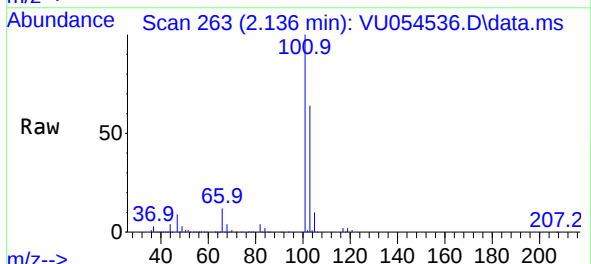
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ClientSampleId :
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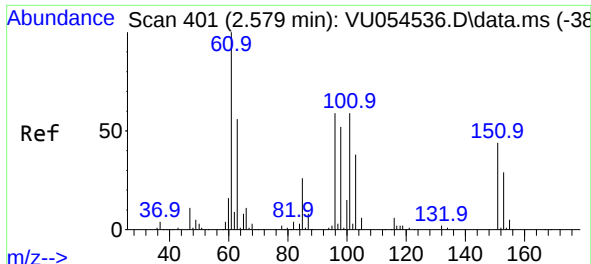
Tgt Ion: 64 Resp: 94427
Ion Ratio Lower Upper
64 100
66 33.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.713 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion:101 Resp: 195770
Ion Ratio Lower Upper
101 100
103 64.7 50.6 75.8

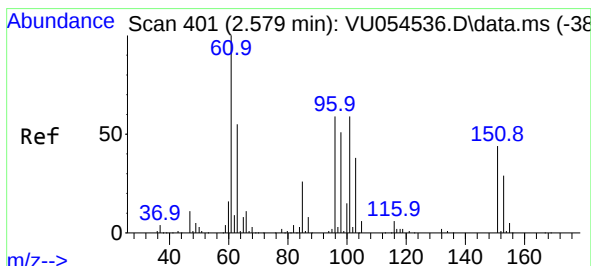
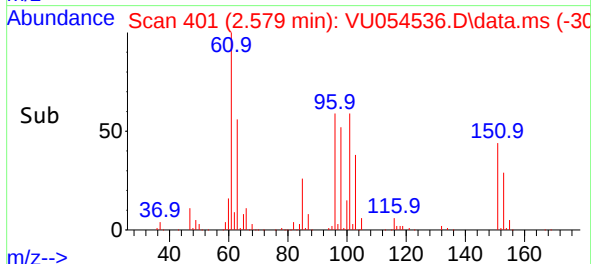
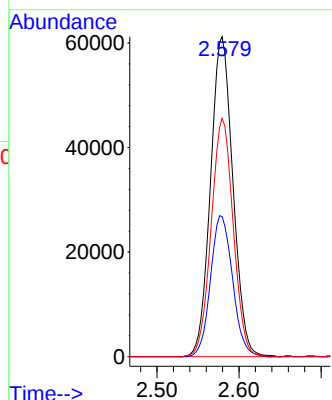
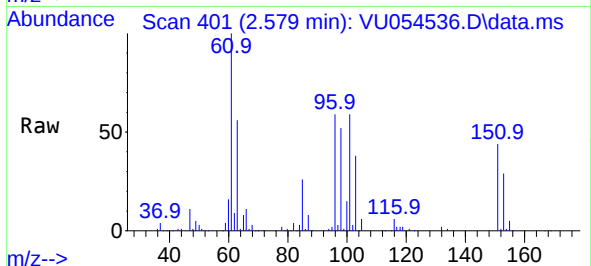




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.785 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

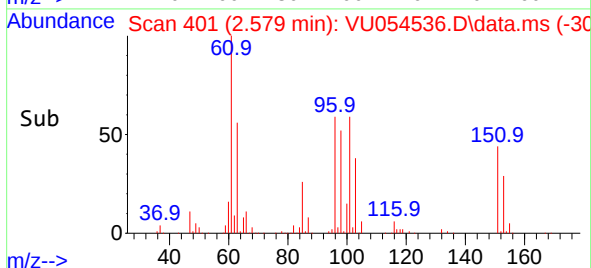
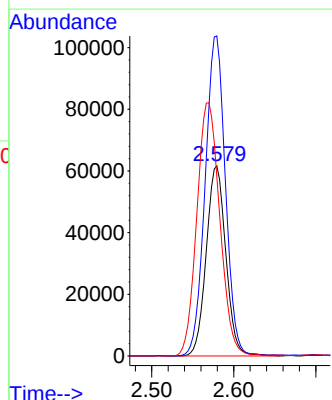
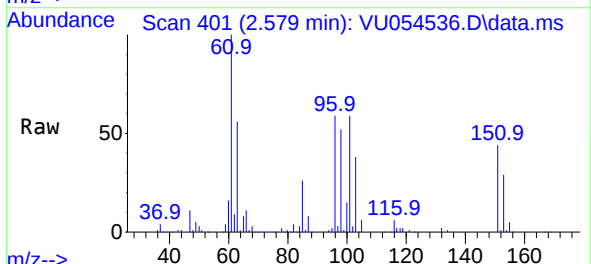
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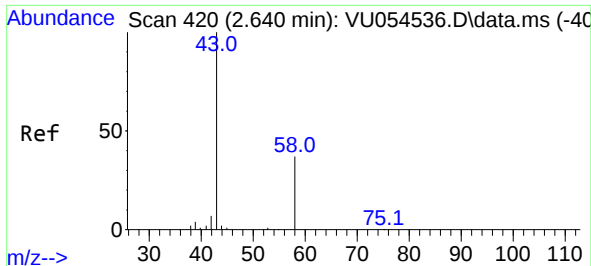
Tgt Ion:101 Resp: 116285
Ion Ratio Lower Upper
101 100
85 43.4 34.6 51.8
151 73.4 57.7 86.5



#12
1,1-Dichloroethene
Concen: 4.596 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 96 Resp: 102241
Ion Ratio Lower Upper
96 100
61 168.4 119.9 222.7
63 94.2 64.3 119.3





#13

Acetone

Concen: 32.794 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU054536.D

Acq: 15 Jun 2023 19:14

Instrument :

MSVOA_U

ClientSampleId :

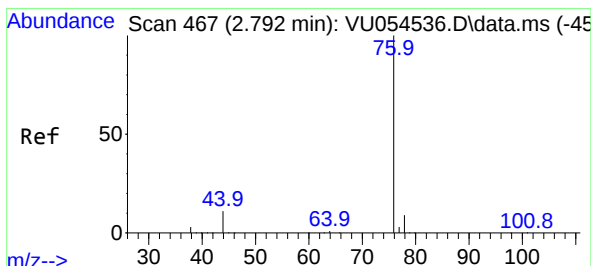
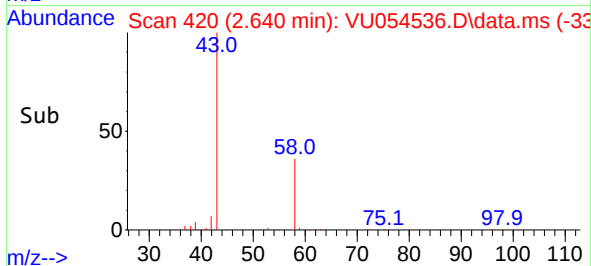
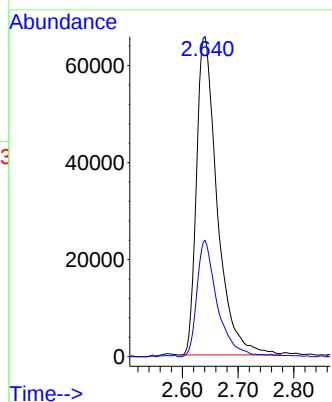
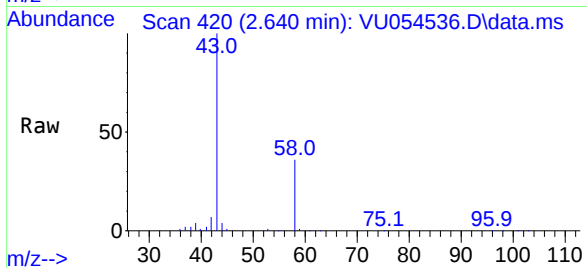
VSTD005185

Tgt Ion: 43 Resp: 169686

Ion Ratio Lower Upper

43 100

58 35.9 0.0 67.2



#14

Carbon disulfide

Concen: 4.315 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU054536.D

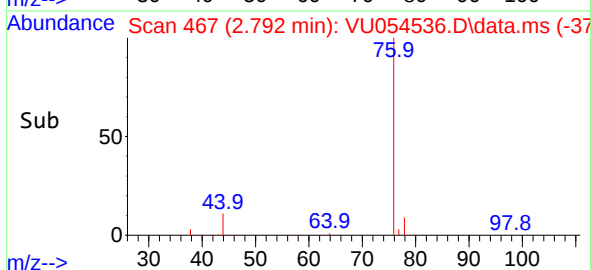
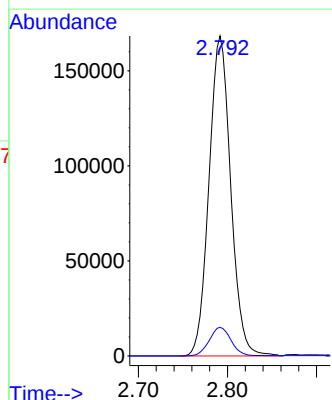
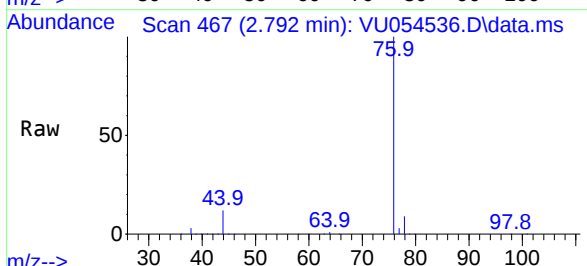
Acq: 15 Jun 2023 19:14

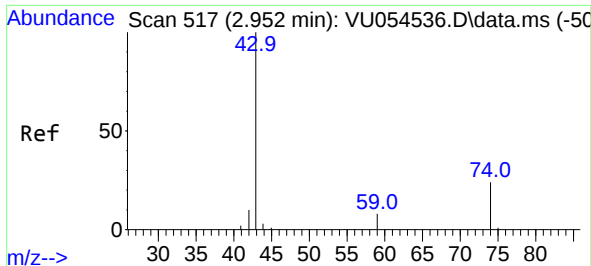
Tgt Ion: 76 Resp: 284635

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

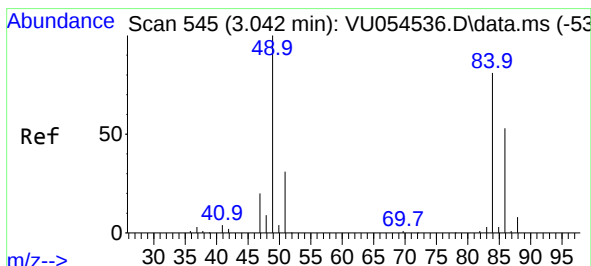
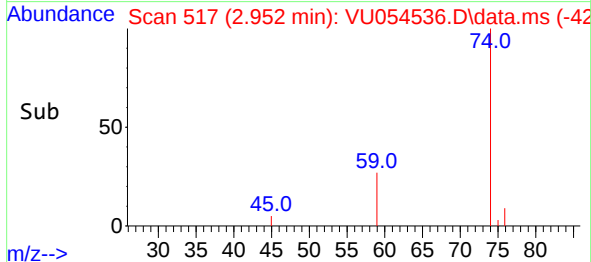
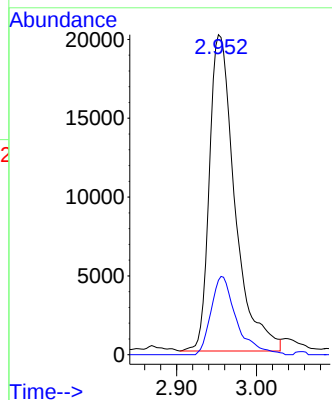
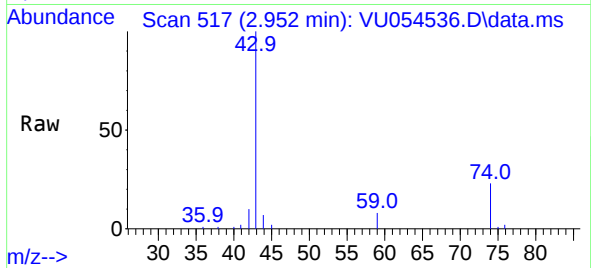




#15
Methyl Acetate
Concen: 4.642 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.007 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

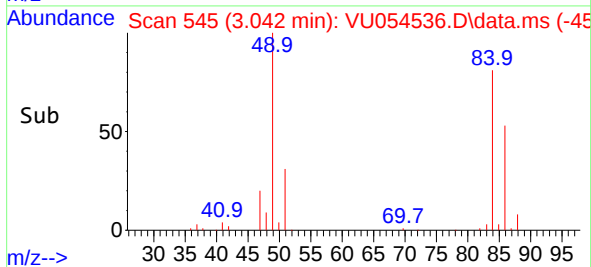
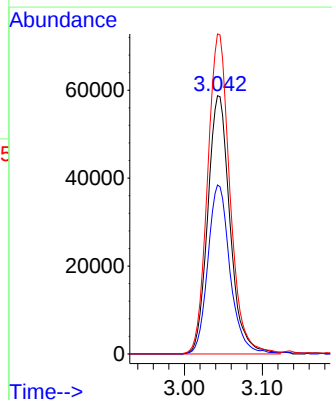
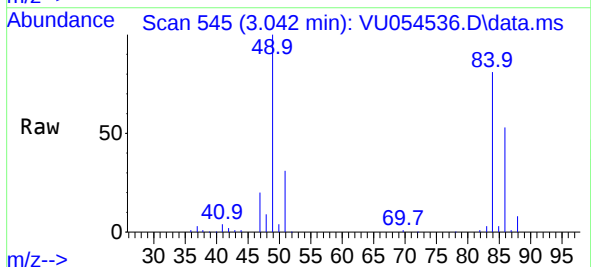
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

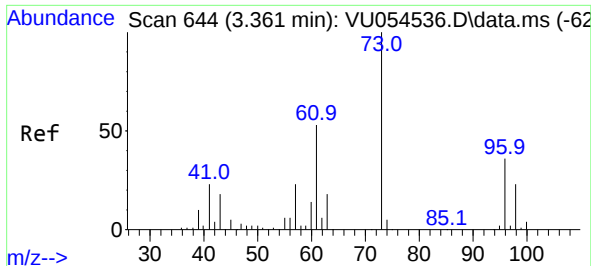
Tgt Ion: 43 Resp: 44509
Ion Ratio Lower Upper
43 100
74 24.6 19.0 28.6



#16
Methylene chloride
Concen: 3.730 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 84 Resp: 116687
Ion Ratio Lower Upper
84 100
86 65.4 43.9 81.5
49 123.9 86.1 159.9





#17

Methyl tert-butyl Ether

Concen: 4.704 ug/L

RT: 3.361 min Scan# 644

Delta R.T. -0.000 min

Lab File: VU054536.D

Acq: 15 Jun 2023 19:14

Instrument :

MSVOA_U

ClientSampleId :

VSTD005185

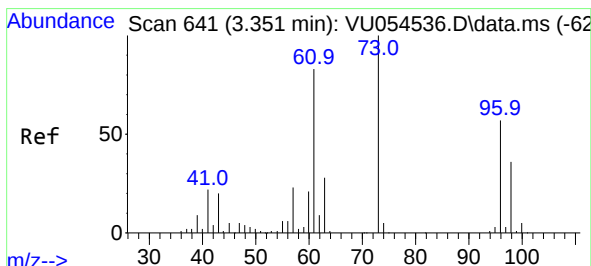
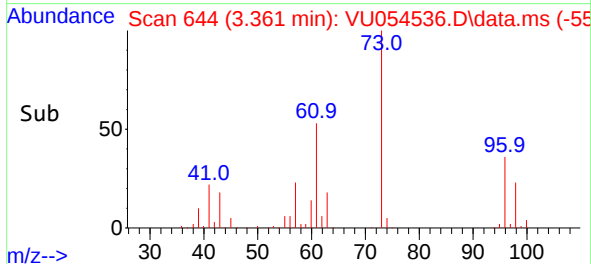
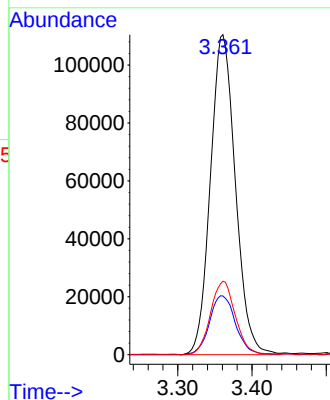
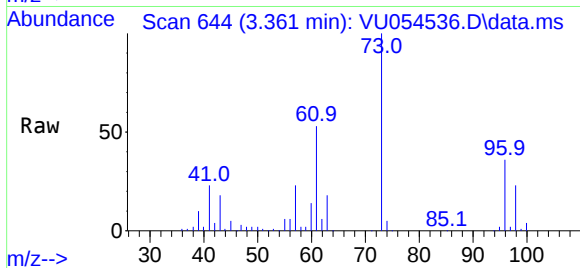
Tgt Ion: 73 Resp: 258260

Ion Ratio Lower Upper

73 100

43 19.3 15.7 23.5

57 22.9 18.6 28.0



#18

trans-1,2-Dichloroethene

Concen: 4.609 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU054536.D

Acq: 15 Jun 2023 19:14

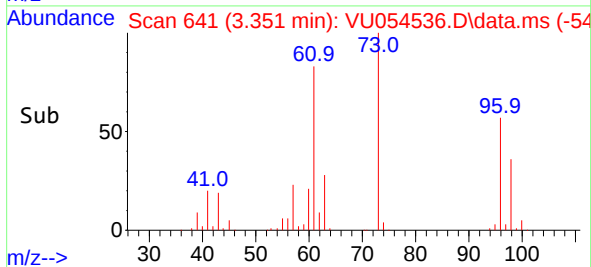
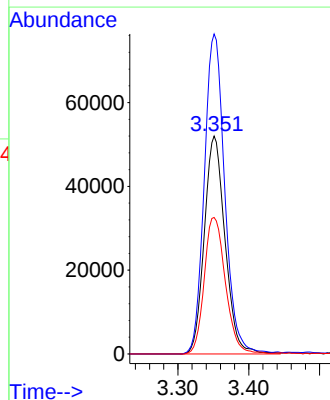
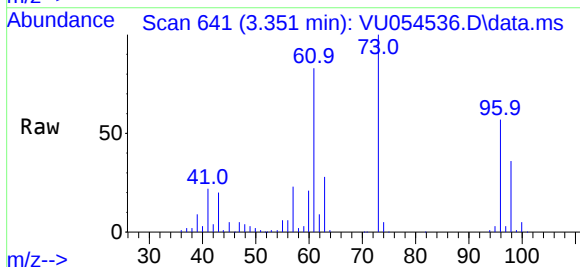
Tgt Ion: 96 Resp: 105851

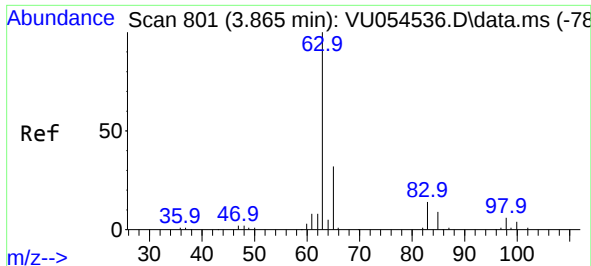
Ion Ratio Lower Upper

96 100

61 146.8 104.6 194.2

98 62.6 45.4 84.4

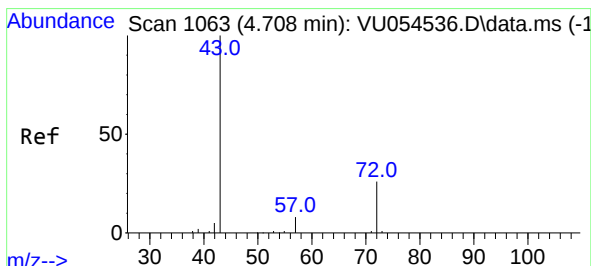
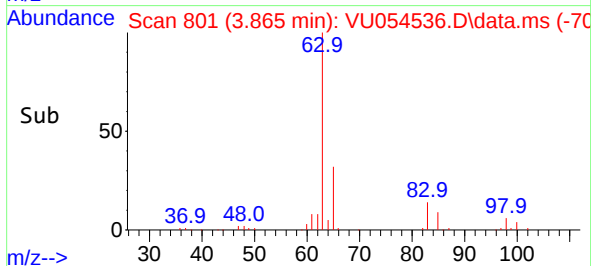
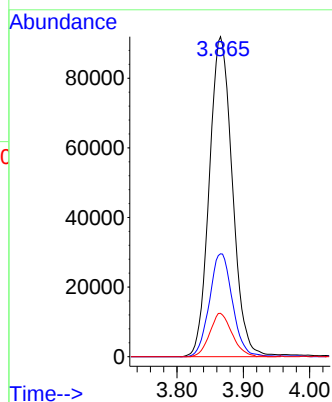
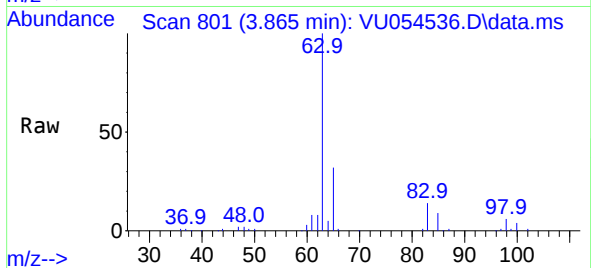




#19
1,1-Dichloroethane
Concen: 4.672 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

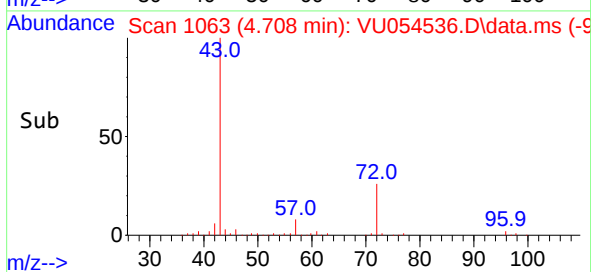
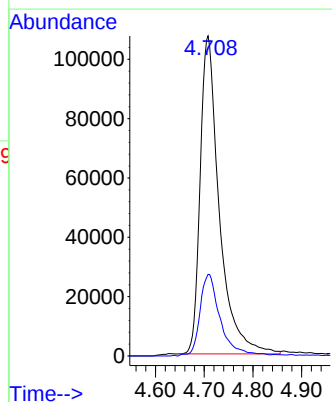
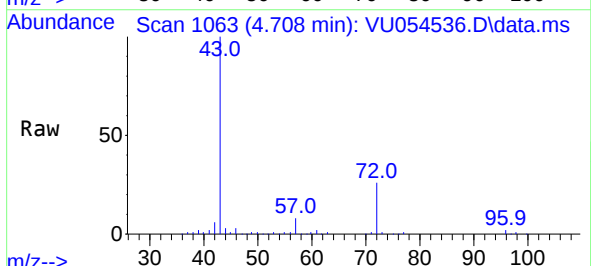
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

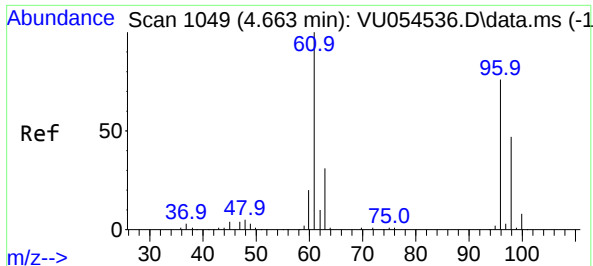
Tgt Ion: 63 Resp: 222040
Ion Ratio Lower Upper
63 100
65 32.2 22.2 41.2
83 13.5 9.0 16.6



#21
2-Butanone
Concen: 43.523 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 43 Resp: 292266
Ion Ratio Lower Upper
43 100
72 27.0 13.4 40.1



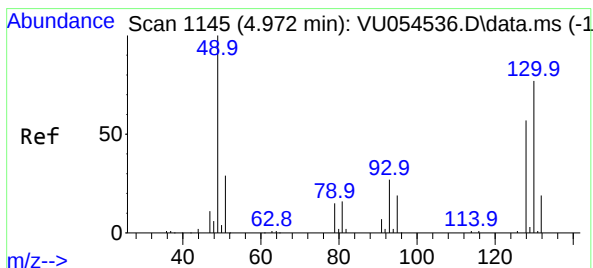
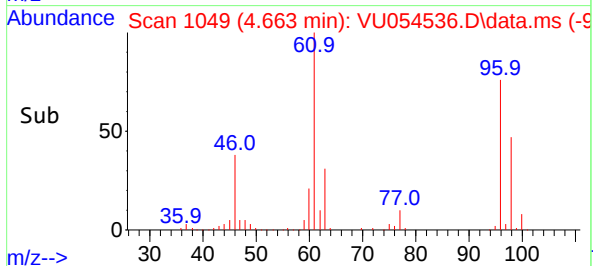
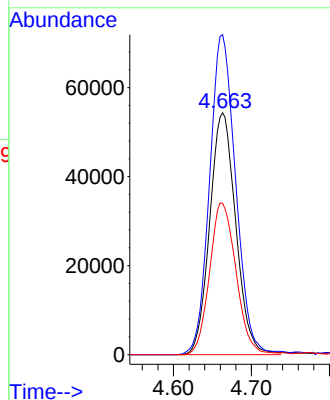
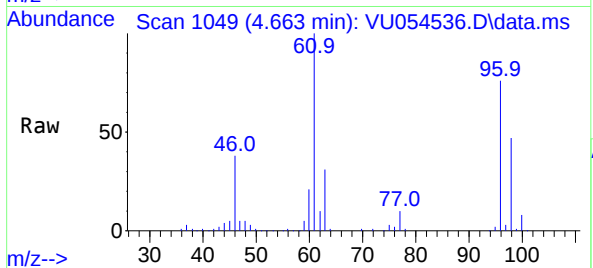


#22
 cis-1,2-Dichloroethene
 Concen: 4.833 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054536.D
 Acq: 15 Jun 2023 19:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

Tgt Ion: 96 Resp: 126395

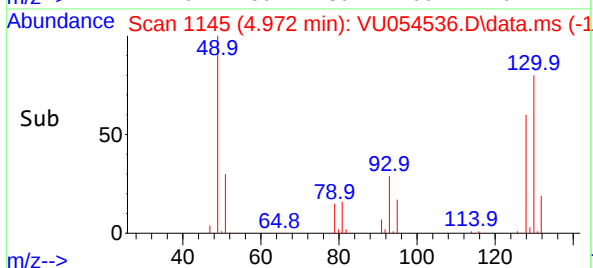
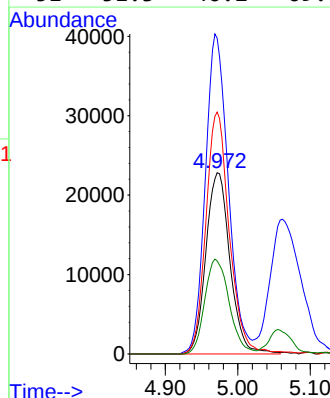
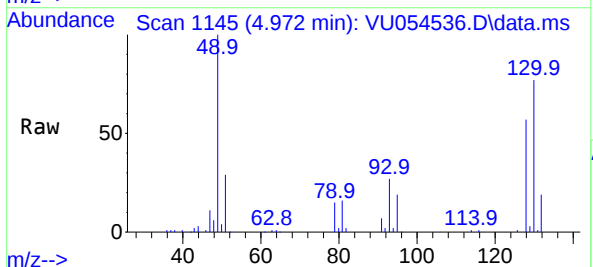
Ion	Ratio	Lower	Upper
96	100		
61	132.2	96.5	179.1
98	62.6	44.9	83.3

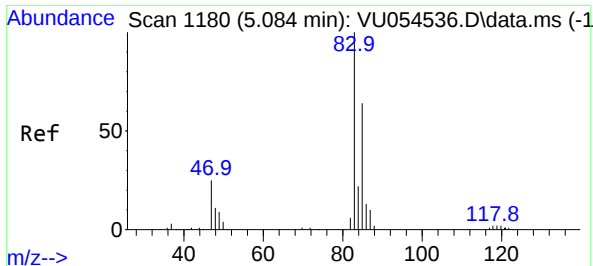


#23
 Bromochloromethane
 Concen: 4.834 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VU054536.D
 Acq: 15 Jun 2023 19:14

Tgt Ion: 128 Resp: 52610

Ion	Ratio	Lower	Upper
128	100		
49	174.2	132.1	245.3
130	133.4	91.5	169.9
51	51.3	46.2	69.4

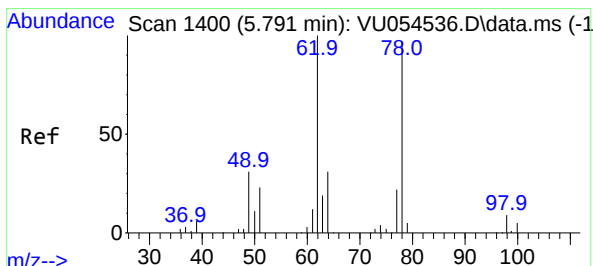
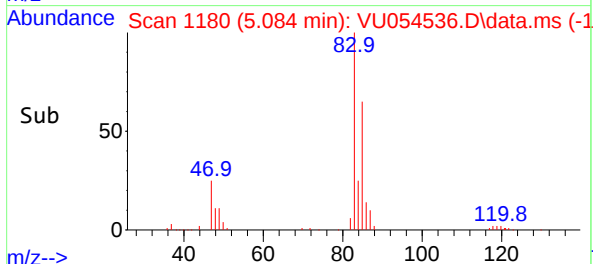
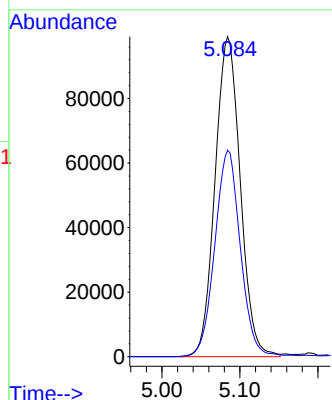
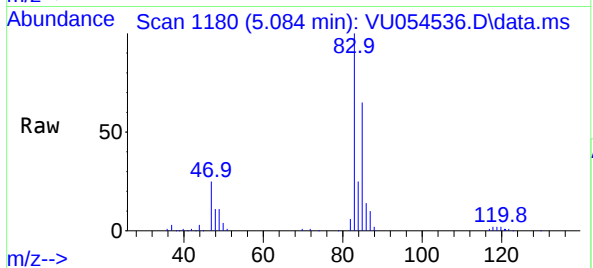




#25
Chloroform
Concen: 4.764 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

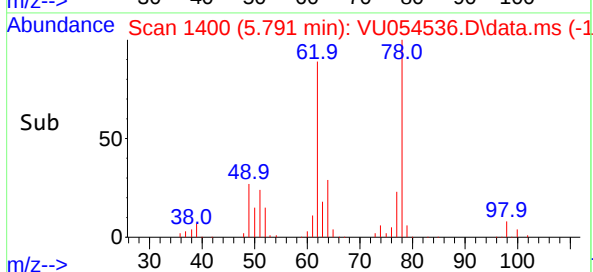
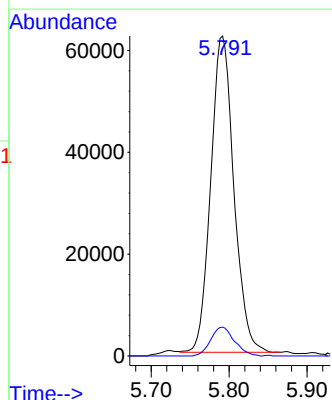
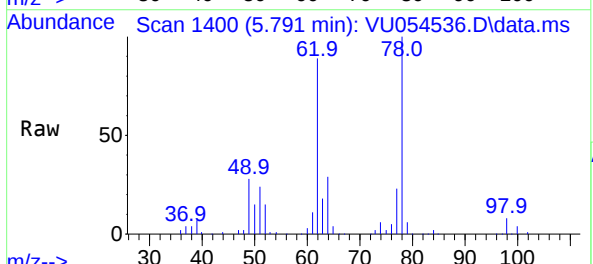
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

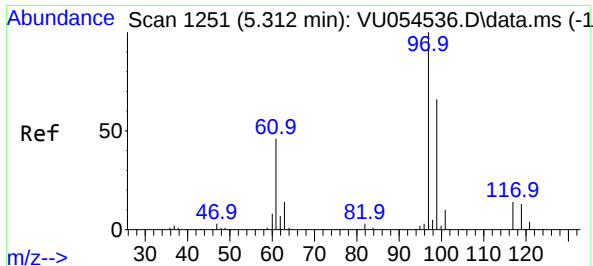
Tgt Ion: 83 Resp: 223243
Ion Ratio Lower Upper
83 100
85 64.5 44.7 82.9



#27
1,2-Dichloroethane
Concen: 4.665 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 62 Resp: 128136
Ion Ratio Lower Upper
62 100
98 9.0 7.8 11.6

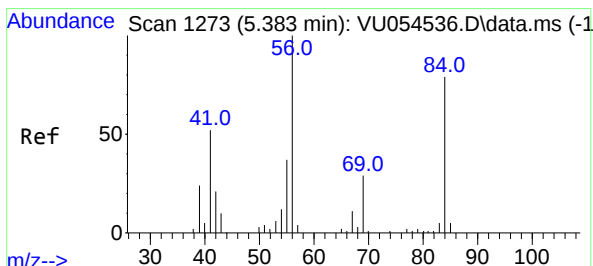
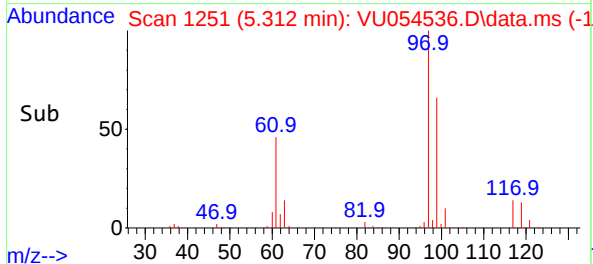
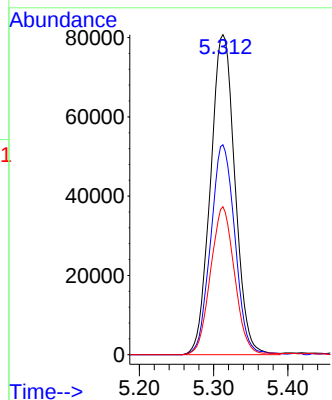
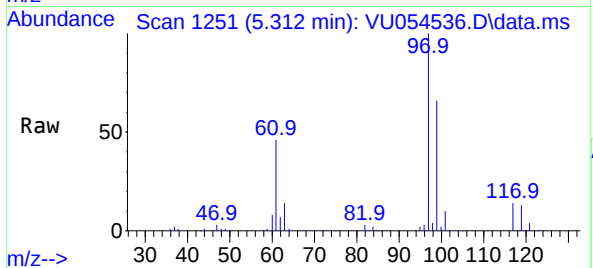




#29
1,1,1-Trichloroethane
Concen: 4.679 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

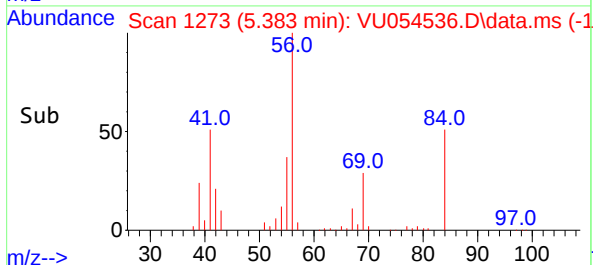
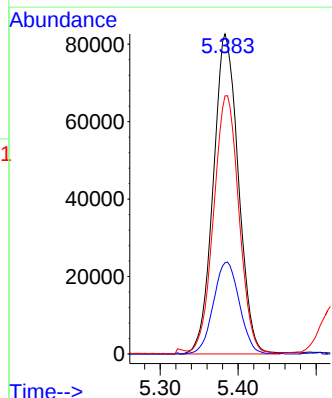
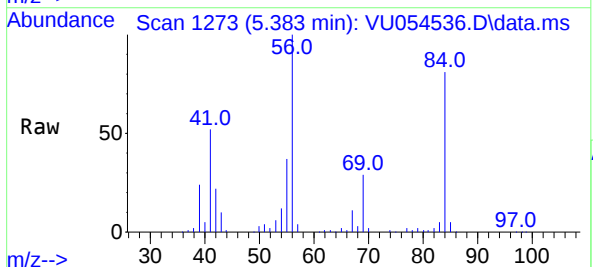
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

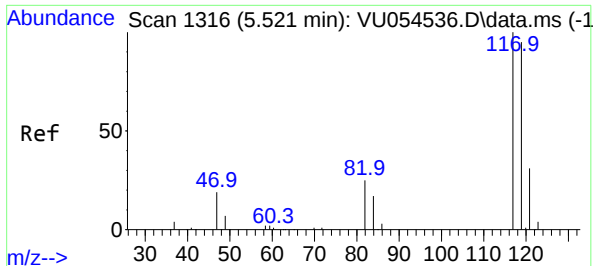
Tgt Ion: 97 Resp: 184988
Ion Ratio Lower Upper
97 100
99 65.2 50.8 76.2
61 45.2 36.1 54.1



#30
Cyclohexane
Concen: 4.292 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 56 Resp: 184811
Ion Ratio Lower Upper
56 100
69 29.8 23.9 35.9
84 81.6 63.0 94.6

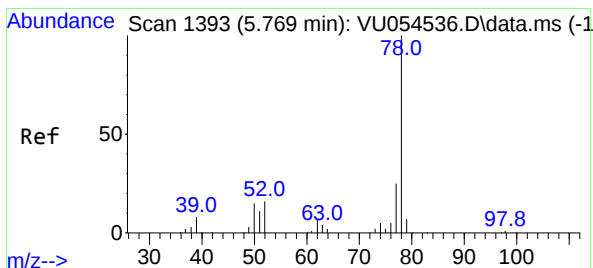
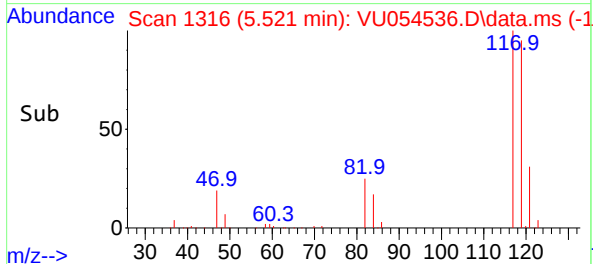
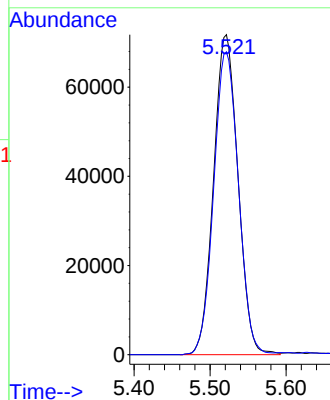
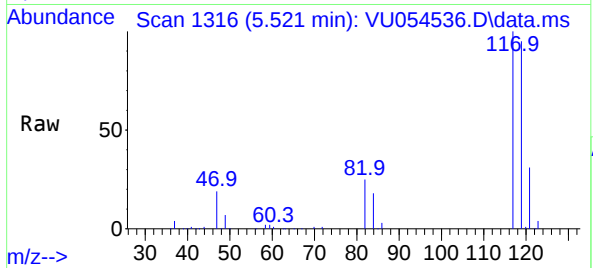




#31
Carbon tetrachloride
Concen: 4.693 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

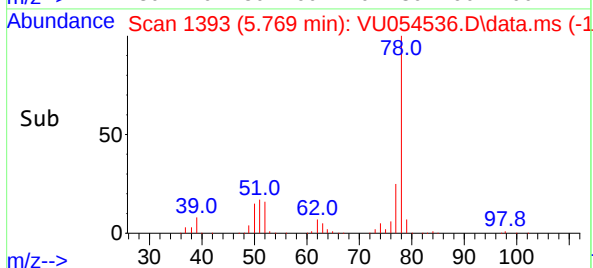
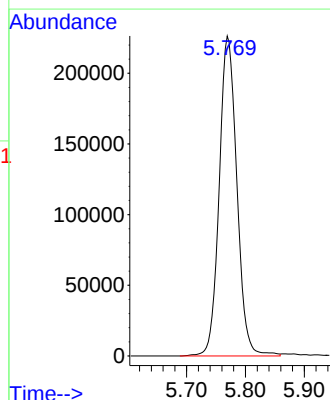
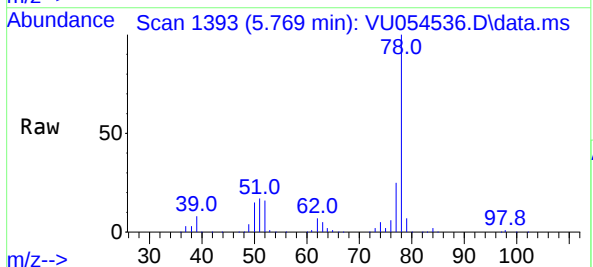
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

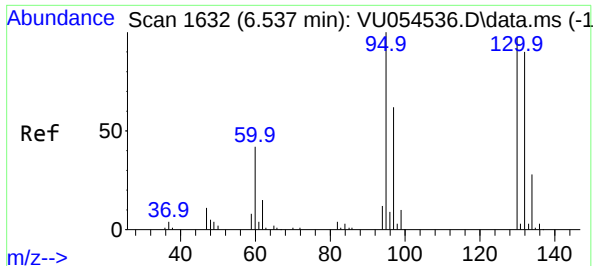
Tgt Ion:117 Resp: 159889
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



#33
Benzene
Concen: 4.511 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 78 Resp: 472723

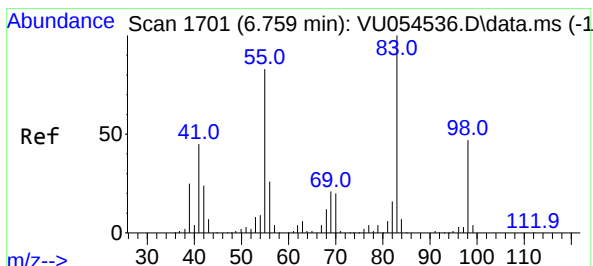
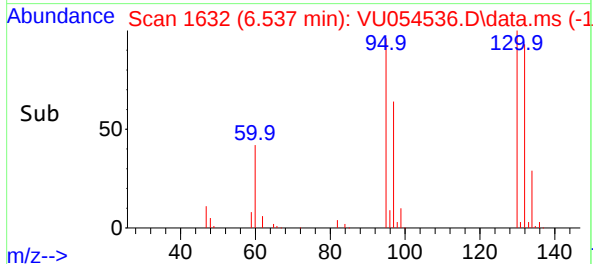
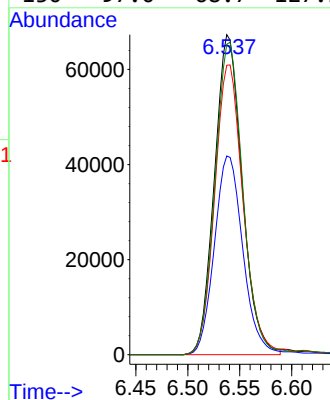
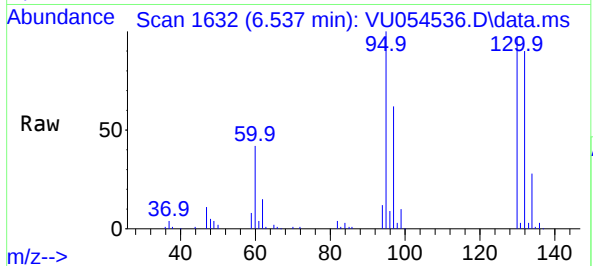




#34
Trichloroethene
Concen: 4.511 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

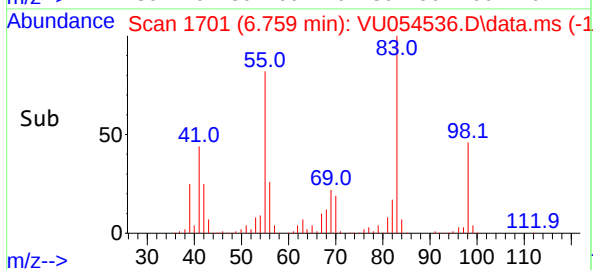
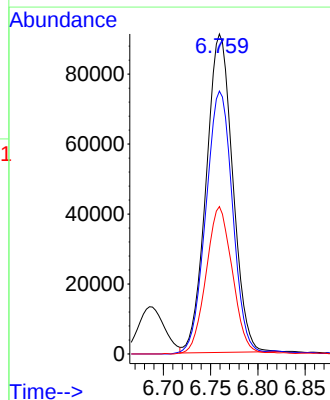
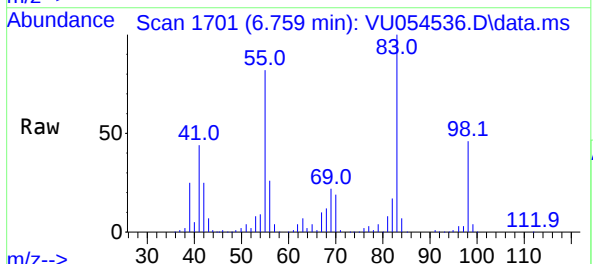
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

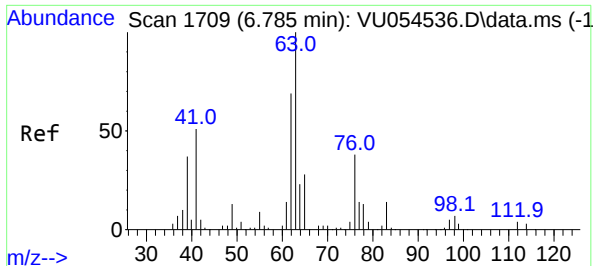
Tgt Ion: 95 Resp: 124985
Ion Ratio Lower Upper
95 100
97 62.1 46.8 87.0
132 90.5 68.4 127.0
130 97.0 68.7 127.5



#35
Methylcyclohexane
Concen: 4.238 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 83 Resp: 177498
Ion Ratio Lower Upper
83 100
55 83.4 67.1 100.7
98 46.2 35.1 52.7

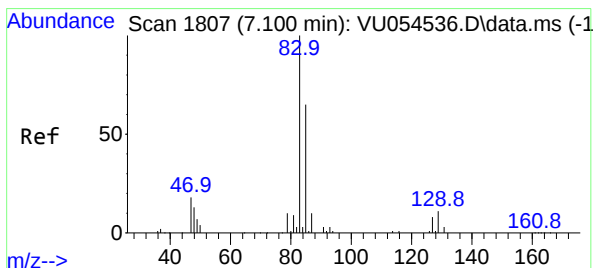
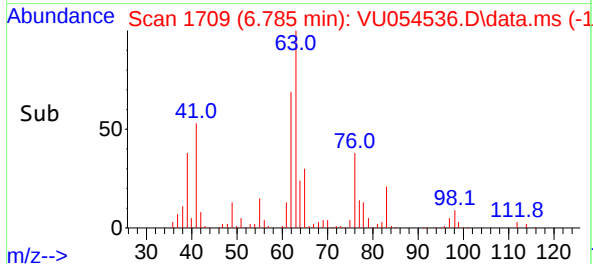
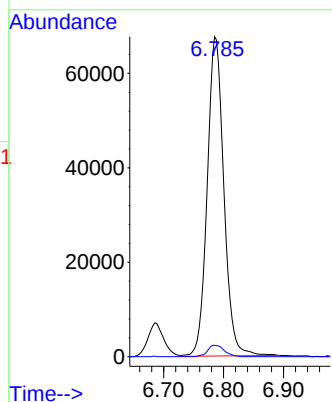
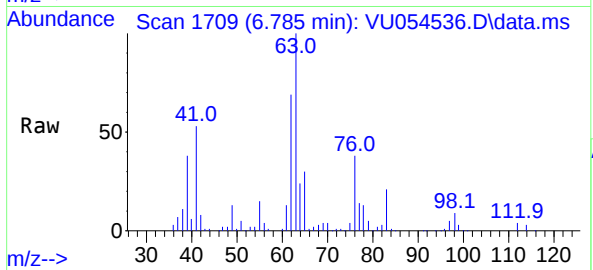




#37
1,2-Dichloropropane
Concen: 4.611 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

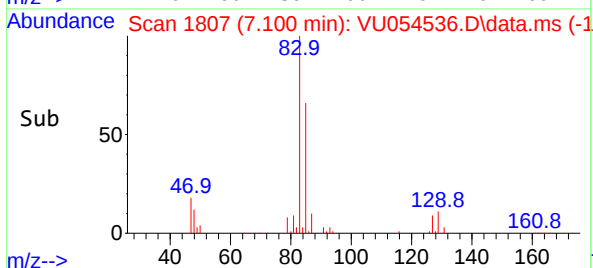
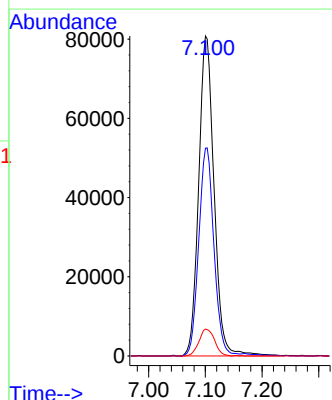
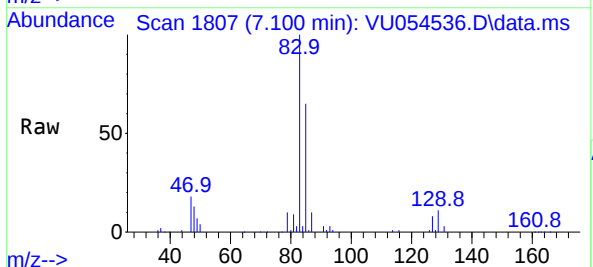
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

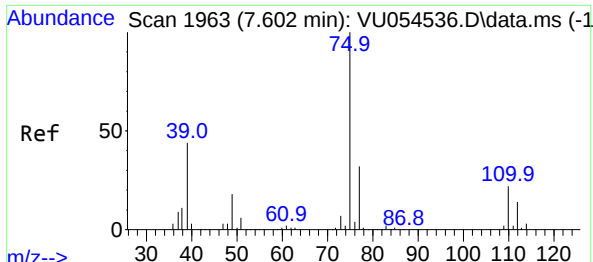
Tgt Ion: 63 Resp: 130651
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.6



#38
Bromodichloromethane
Concen: 4.755 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 83 Resp: 152491
Ion Ratio Lower Upper
83 100
85 64.9 44.1 81.9
127 8.4 6.6 10.0

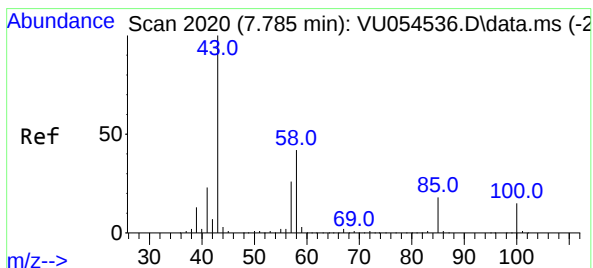
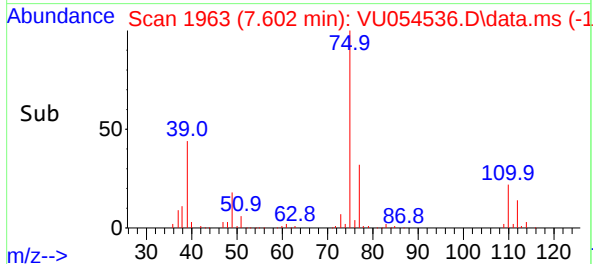
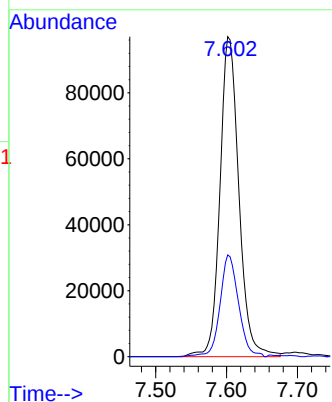
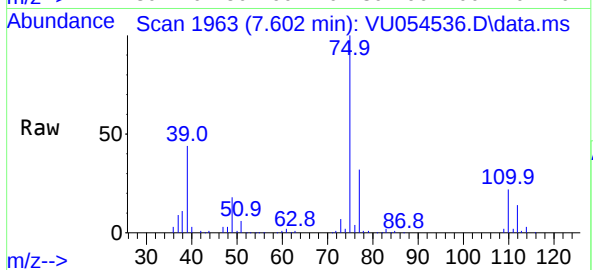




#39
cis-1,3-Dichloropropene
Concen: 4.658 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

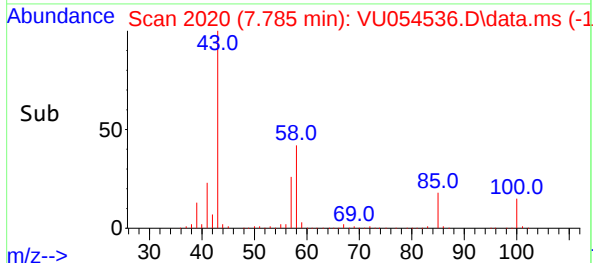
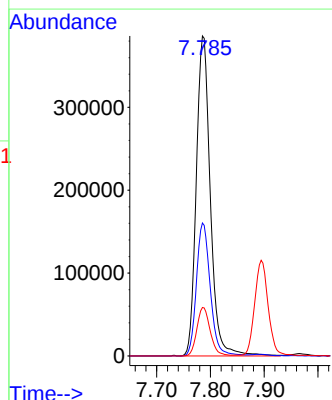
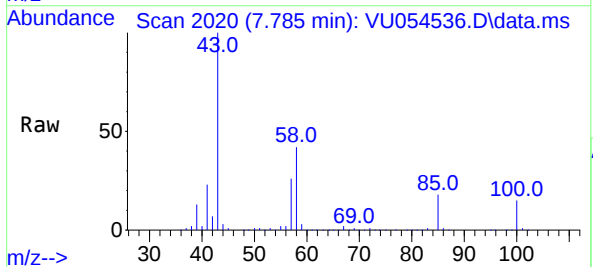
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

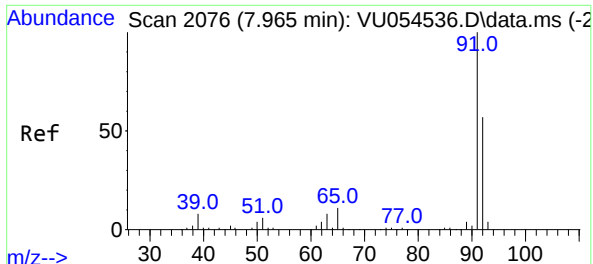
Tgt Ion: 75 Resp: 180169
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 46.426 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. -0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 43 Resp: 701913
Ion Ratio Lower Upper
43 100
58 40.9 32.4 48.6
100 14.4 11.4 17.2





#42

Toluene

Concen: 4.782 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054536.D

Acq: 15 Jun 2023 19:14

Instrument :

MSVOA_U

ClientSampleId :

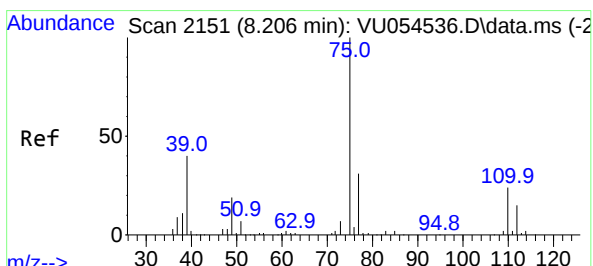
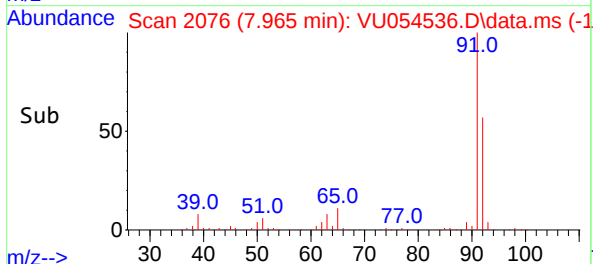
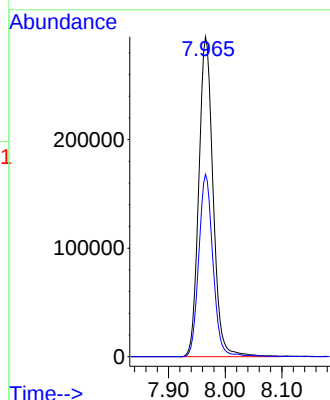
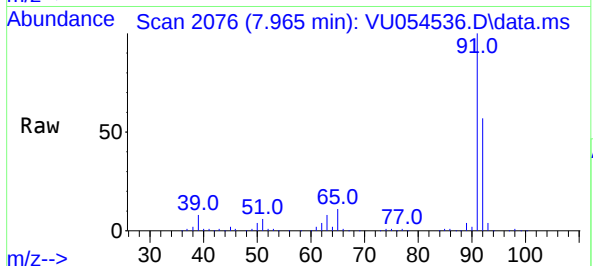
VSTD005185

Tgt Ion: 91 Resp: 516060

Ion Ratio Lower Upper

91 100

92 57.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.757 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU054536.D

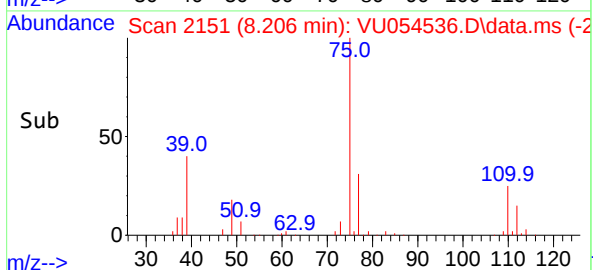
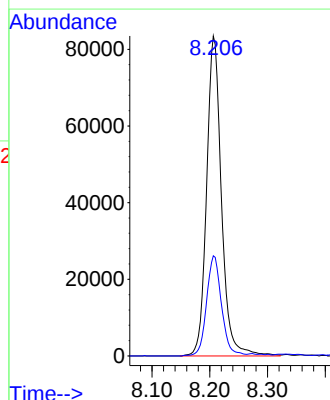
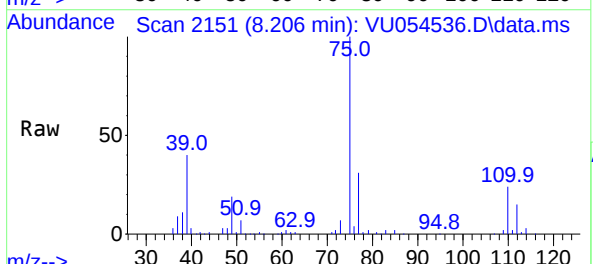
Acq: 15 Jun 2023 19:14

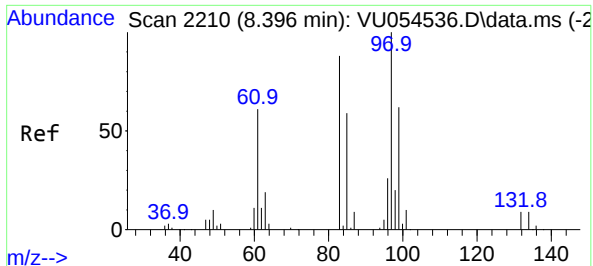
Tgt Ion: 75 Resp: 149319

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.6



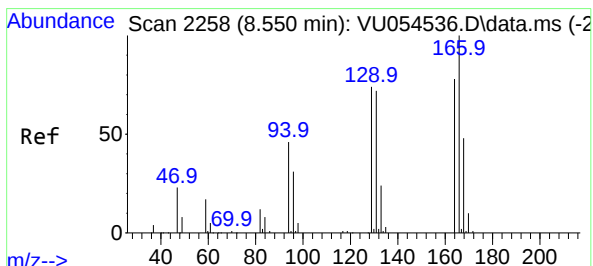
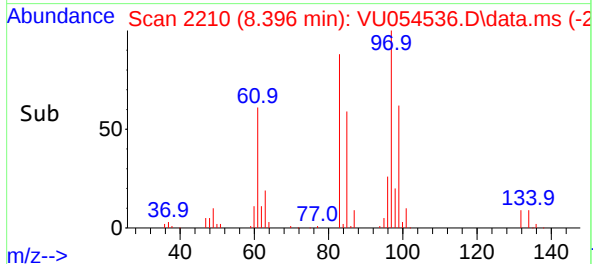
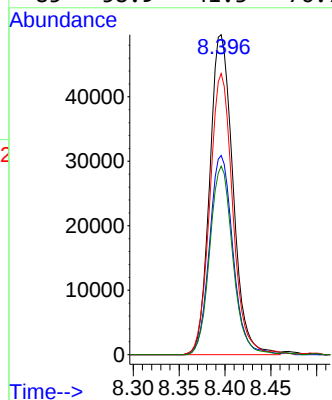
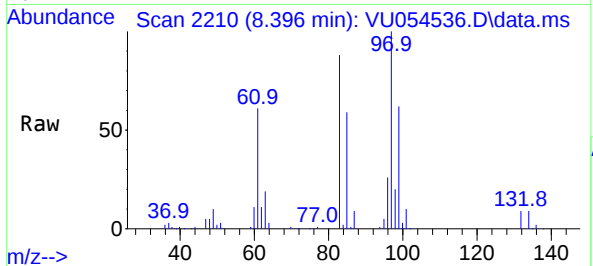


#45
1,1,2-Trichloroethane
Concen: 4.865 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

Tgt Ion: 97 Resp: 87682

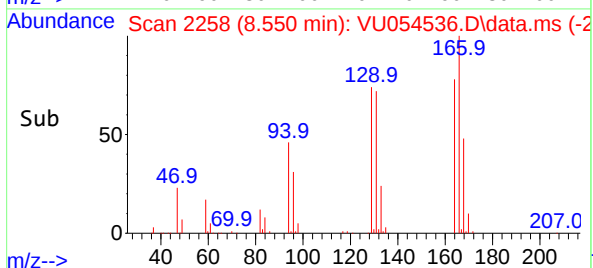
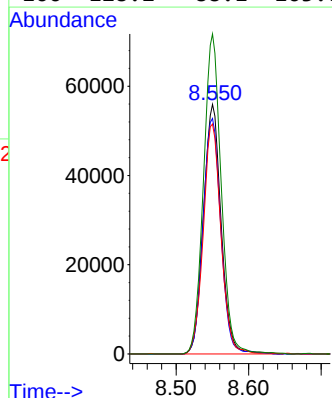
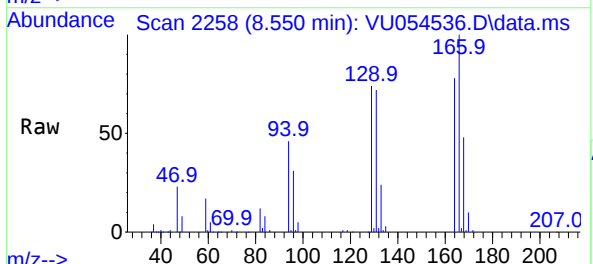
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.0	80.0
83	87.9	63.8	118.6
85	58.9	41.3	76.7

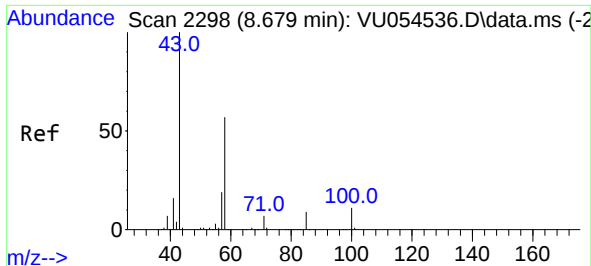


#47
Tetrachloroethene
Concen: 4.495 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 164 Resp: 95335

Ion	Ratio	Lower	Upper
164	100		
129	94.4	67.7	125.7
131	92.1	64.6	120.0
166	128.2	88.1	163.7

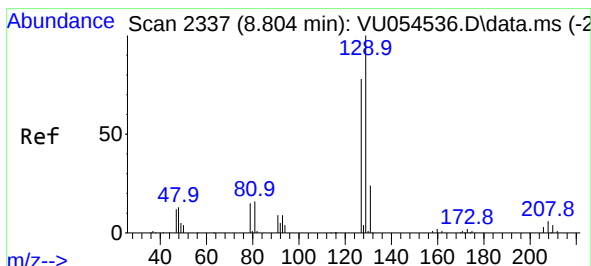
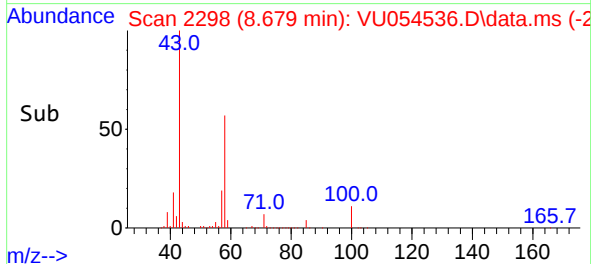
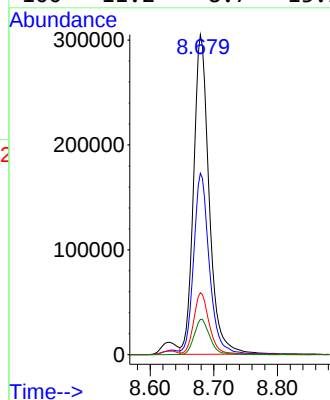
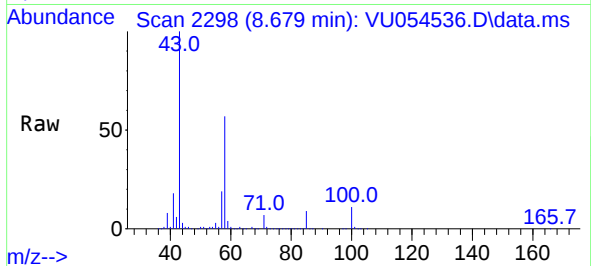




#48
2-Hexanone
Concen: 46.116 ug/L
RT: 8.679 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

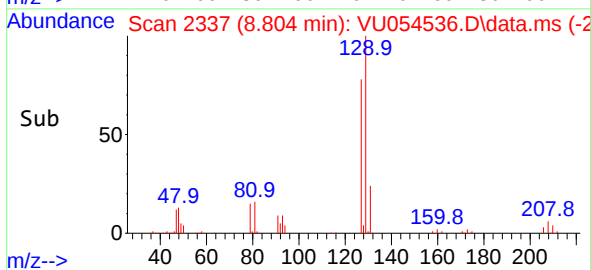
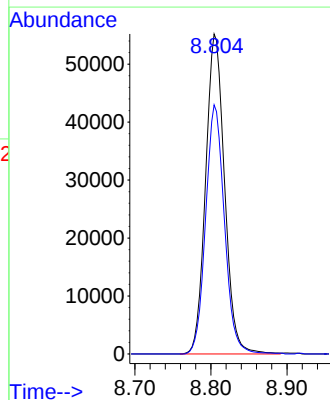
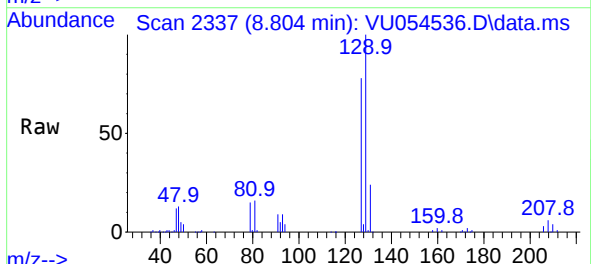
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

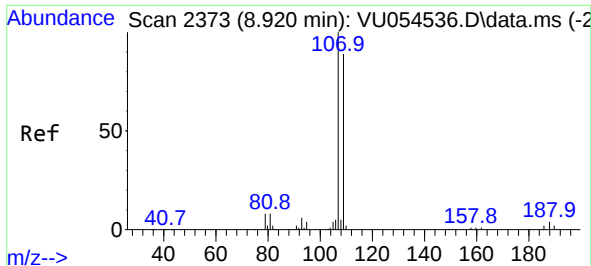
Tgt Ion: 43 Resp: 519508
Ion Ratio Lower Upper
43 100
58 57.2 45.2 67.8
57 19.5 15.8 23.6
100 11.2 8.7 13.1



#49
Dibromochloromethane
Concen: 5.054 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 129 Resp: 95645
Ion Ratio Lower Upper
129 100
127 77.9 53.2 98.8

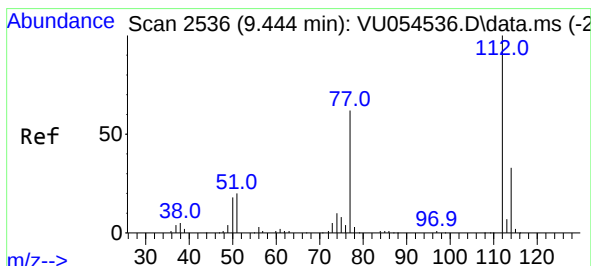
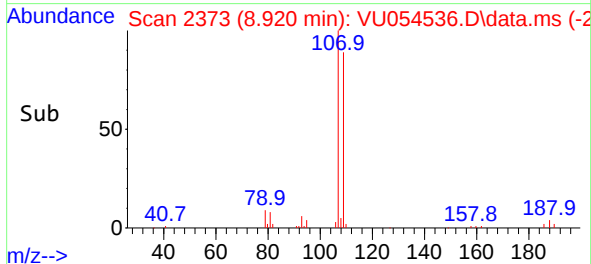
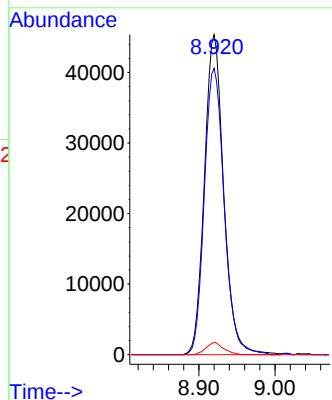
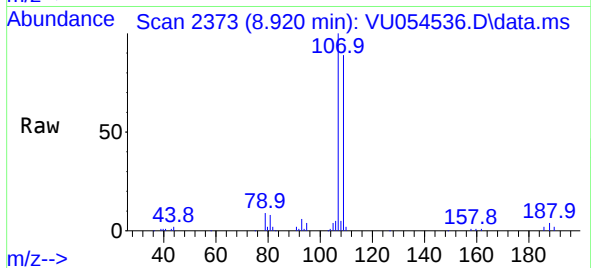




#50
1,2-Dibromoethane
Concen: 4.840 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

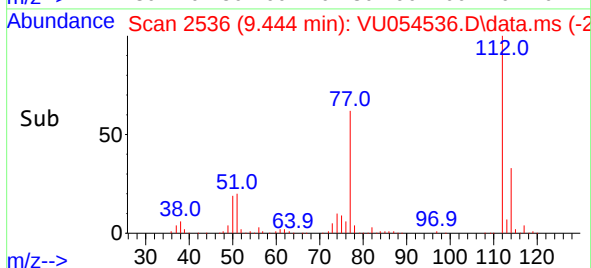
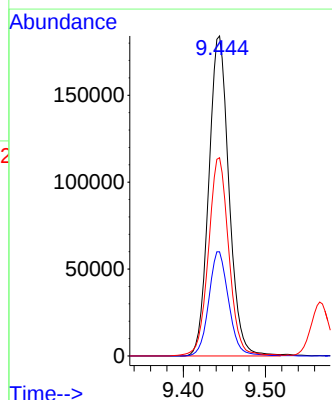
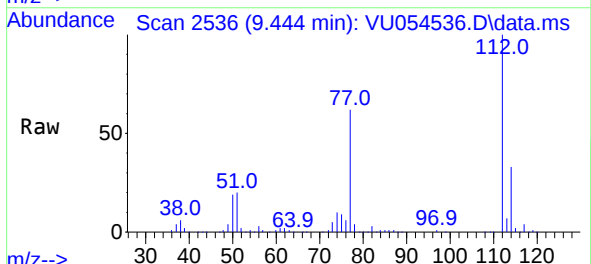
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

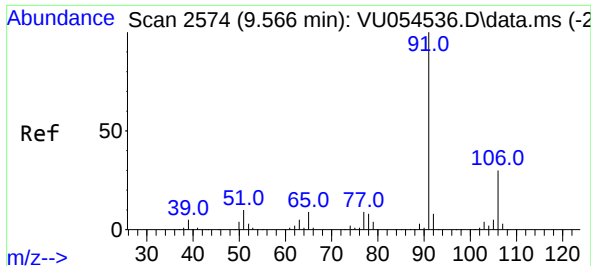
Tgt Ion:107 Resp: 80084
Ion Ratio Lower Upper
107 100
109 89.5 66.6 123.6
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 4.682 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion:112 Resp: 314933
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.1
77 61.9 49.8 74.8

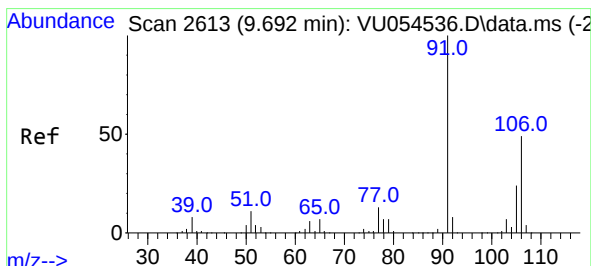
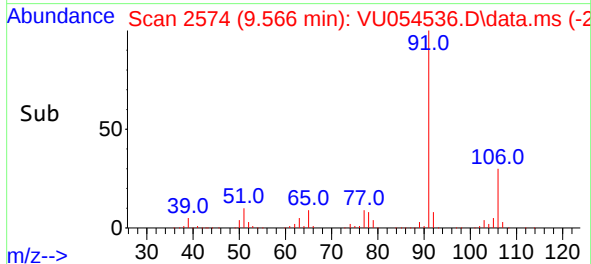
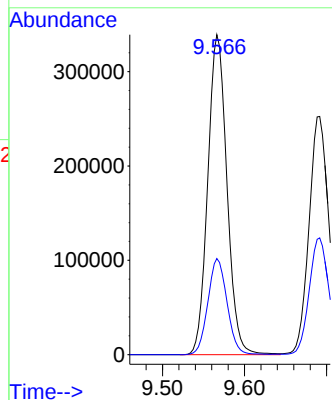
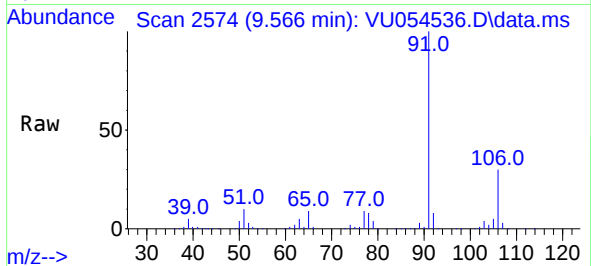




#52
Ethylbenzene
Concen: 4.675 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

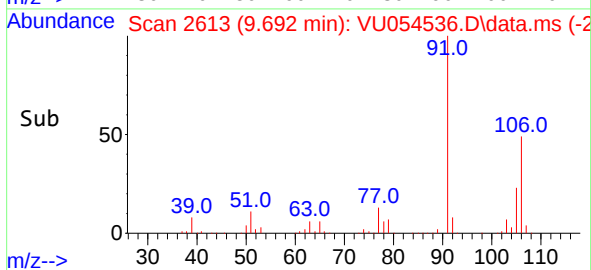
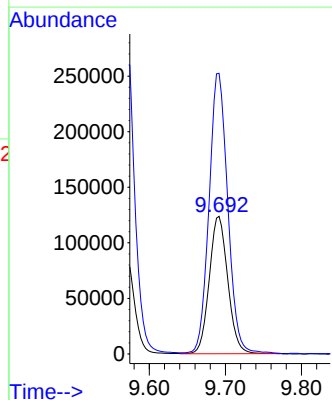
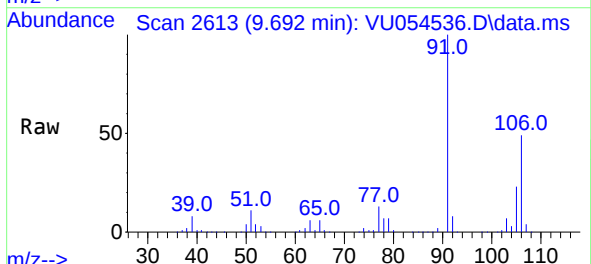
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

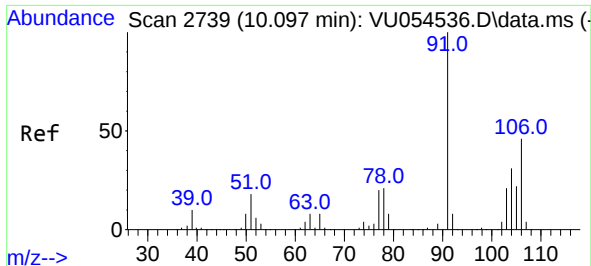
Tgt Ion: 91 Resp: 550925
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.3



#53
m,p-Xylene
Concen: 4.827 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 106 Resp: 208988
Ion Ratio Lower Upper
106 100
91 203.9 147.0 273.0

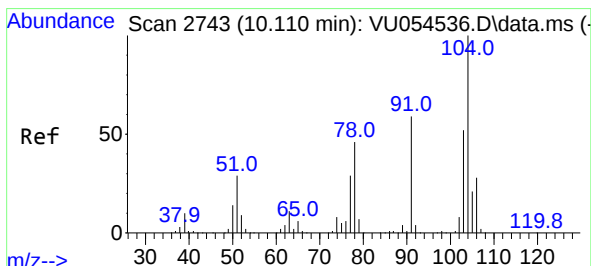
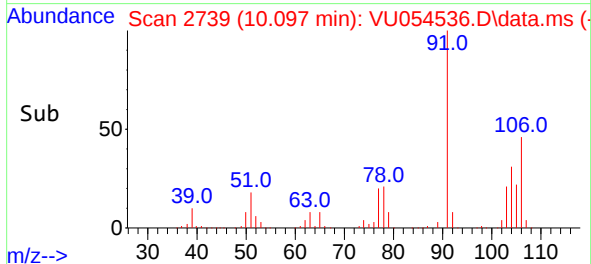
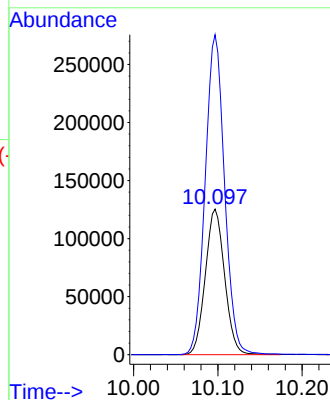
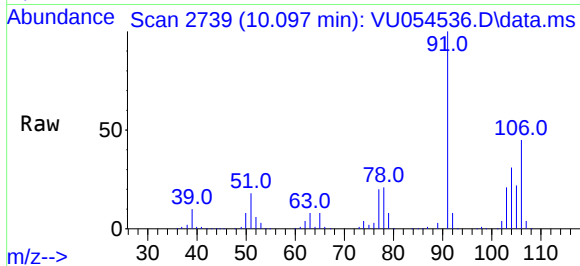




#54
o-Xylene
Concen: 4.786 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

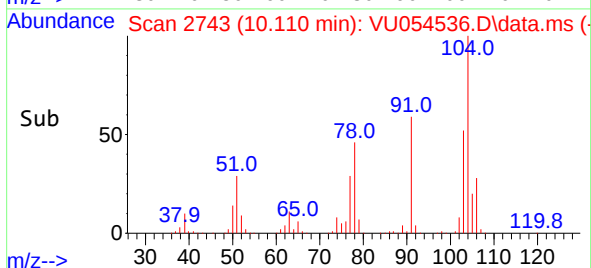
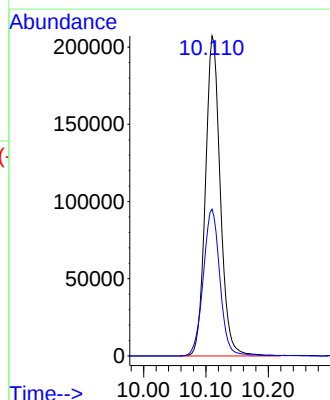
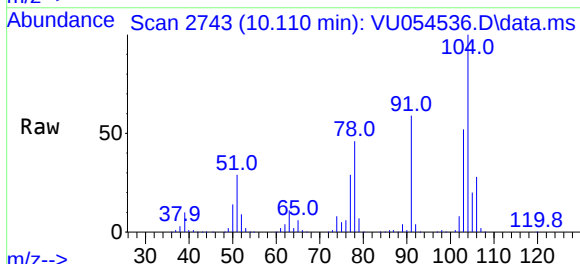
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

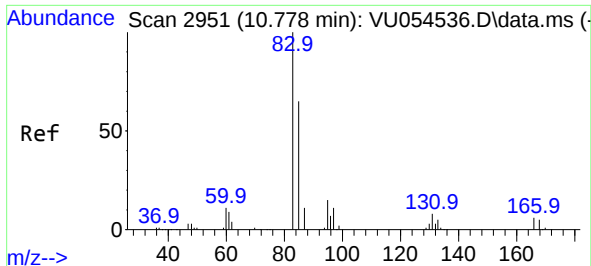
Tgt Ion:106 Resp: 200373
Ion Ratio Lower Upper
106 100
91 219.8 154.5 286.9



#55
Styrene
Concen: 4.901 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion:104 Resp: 344407
Ion Ratio Lower Upper
104 100
78 45.8 33.0 61.4

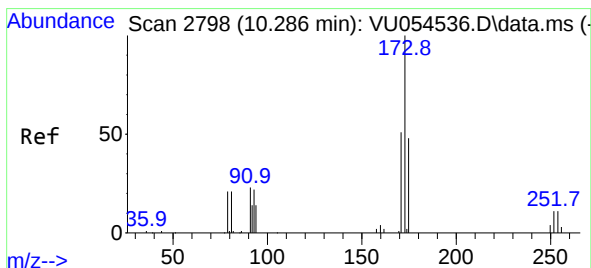
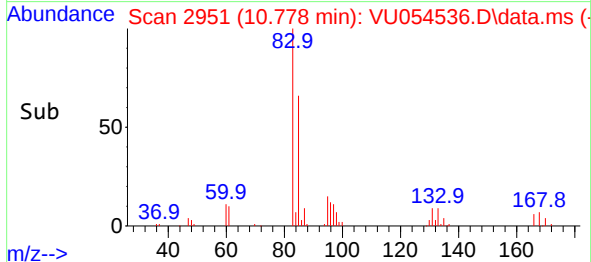
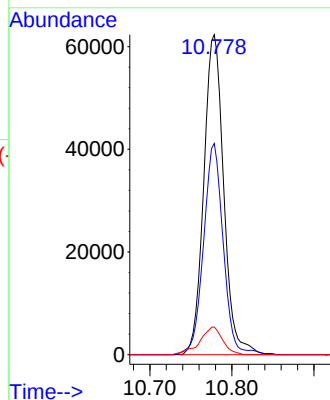
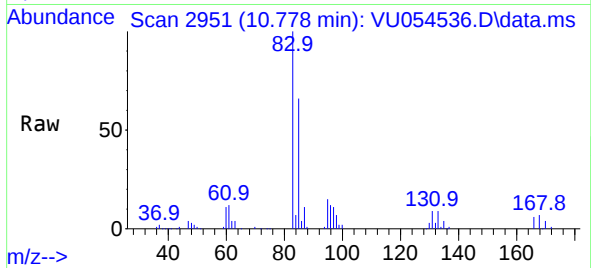




#57
1,1,2,2-Tetrachloroethane
Concen: 4.596 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

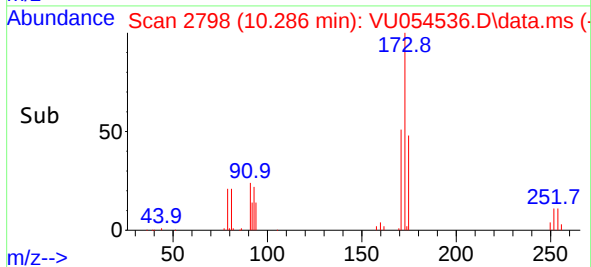
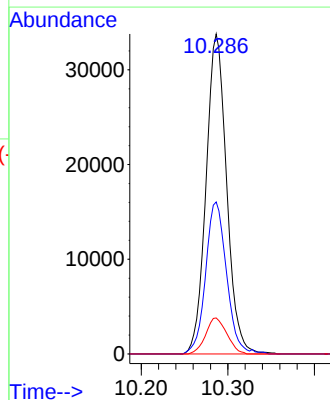
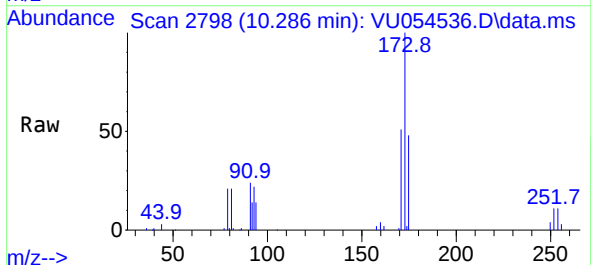
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

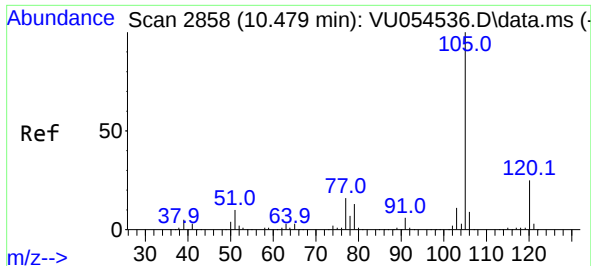
Tgt Ion: 83 Resp: 105221
Ion Ratio Lower Upper
83 100
85 66.0 44.2 82.2
131 8.7 7.0 10.6



#59
Bromoform
Concen: 4.964 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion:173 Resp: 55742
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.0
254 11.6 8.6 12.8

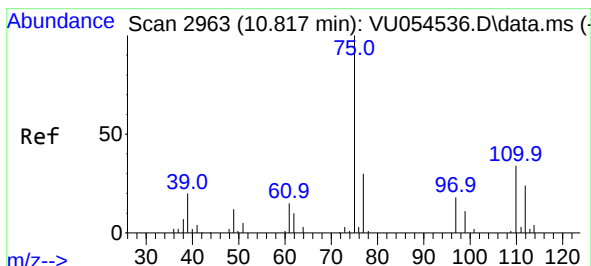
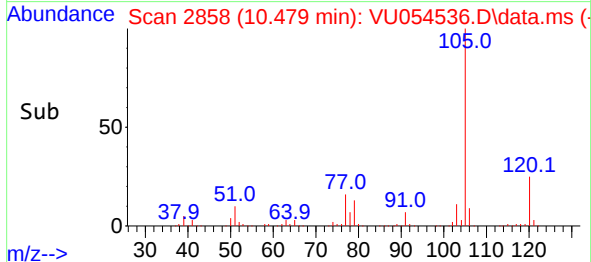
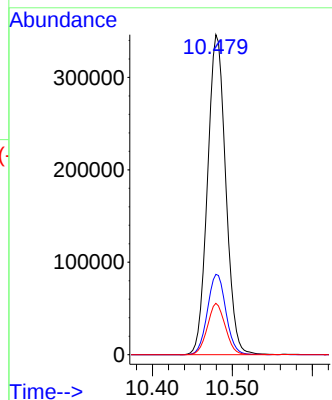
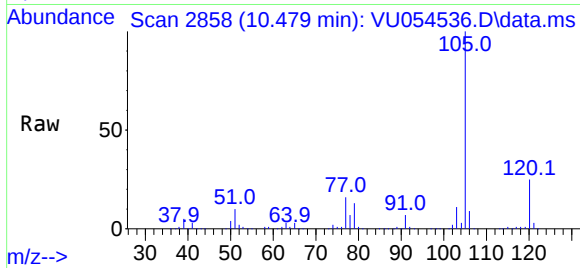




#60
Isopropylbenzene
Concen: 4.798 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

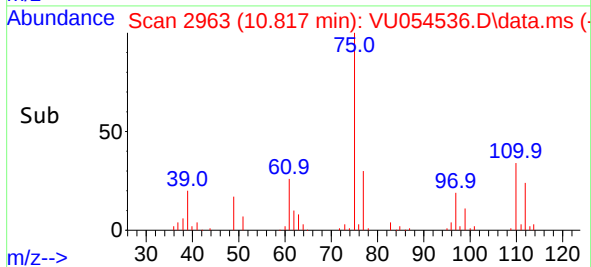
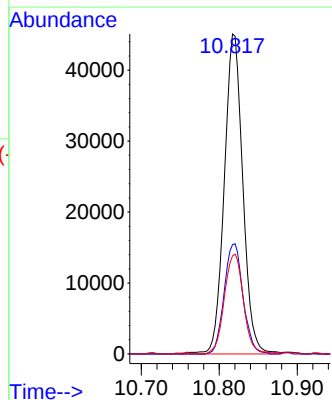
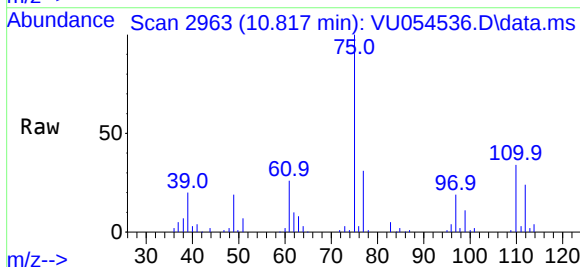
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

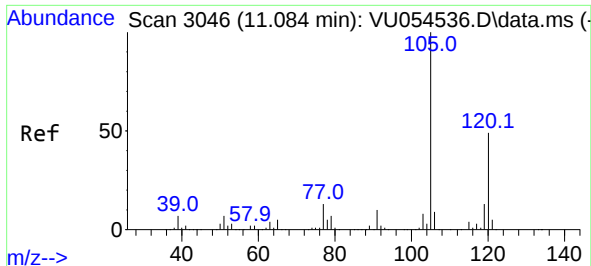
Tgt Ion:105 Resp: 549040
Ion Ratio Lower Upper
105 100
120 25.4 20.9 31.3
77 15.9 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.719 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 75 Resp: 74597
Ion Ratio Lower Upper
75 100
110 34.9 28.0 42.0
77 32.0 25.4 38.2

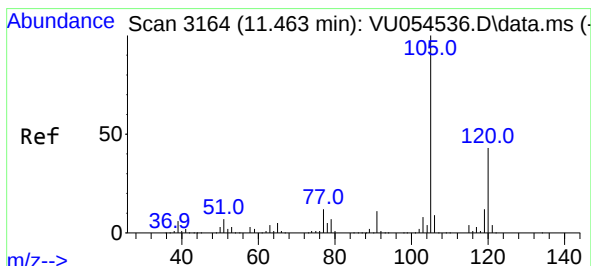
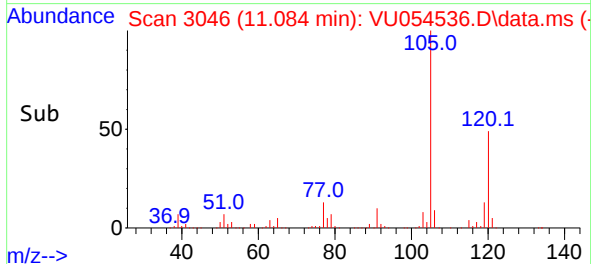
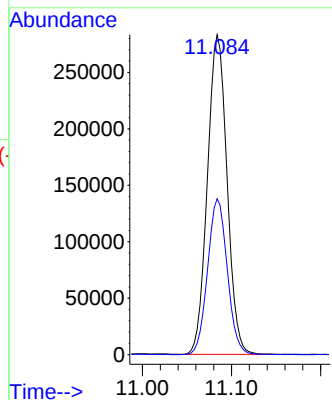
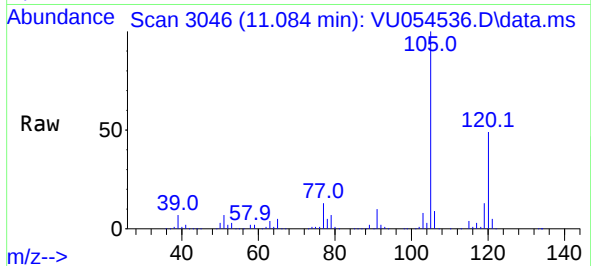




#62
1,3,5-Trimethylbenzene
Concen: 4.635 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

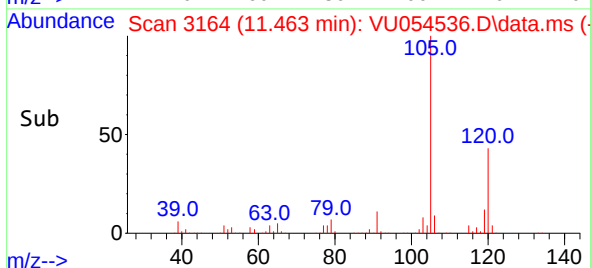
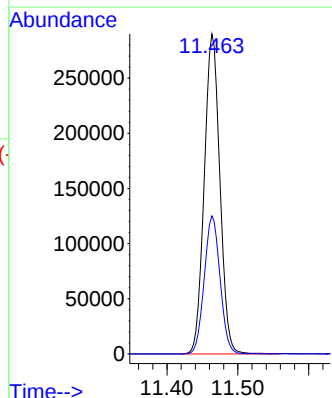
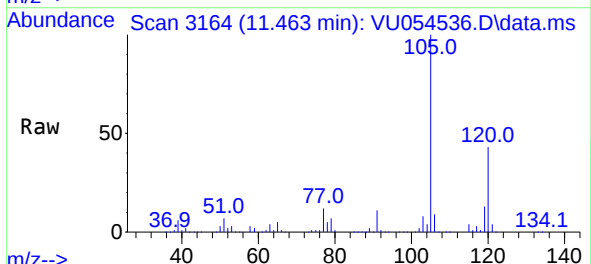
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

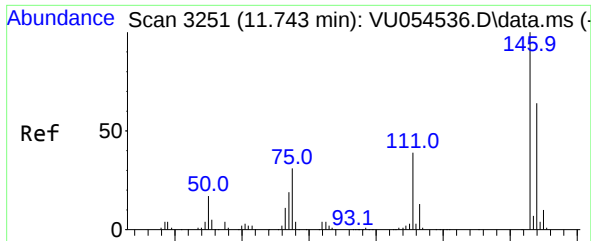
Tgt Ion:105 Resp: 432777
Ion Ratio Lower Upper
105 100
120 49.0 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.688 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion:105 Resp: 444493
Ion Ratio Lower Upper
105 100
120 43.6 35.4 53.0

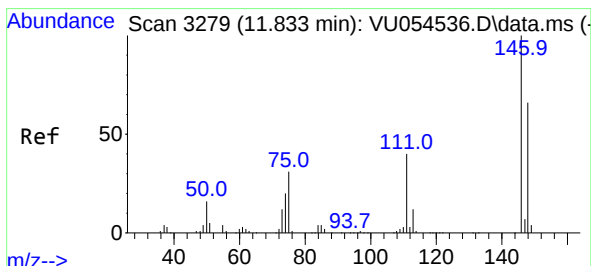
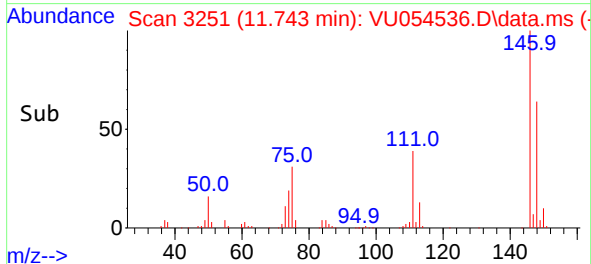
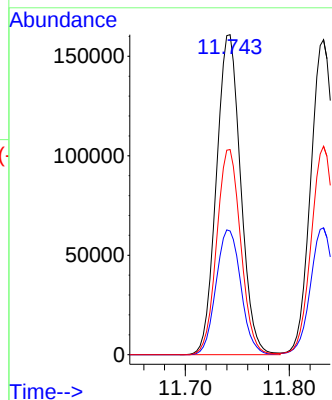
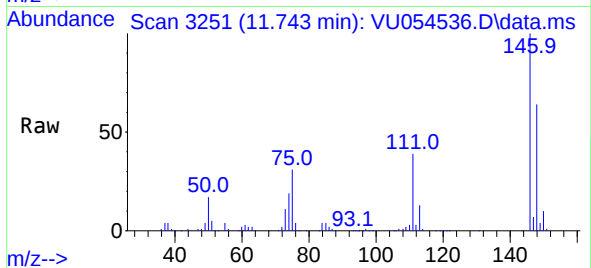




#64
1,3-Dichlorobenzene
Concen: 4.886 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

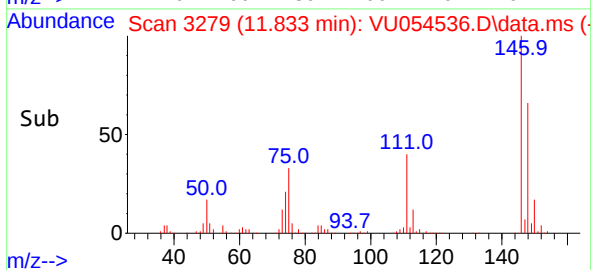
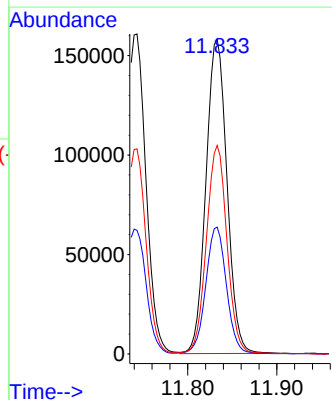
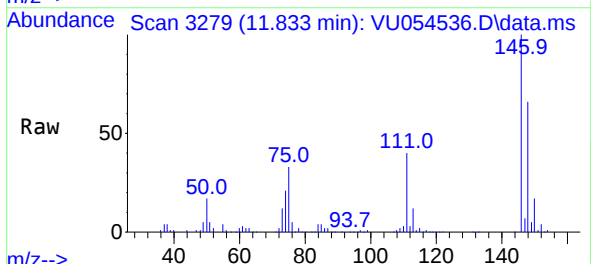
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

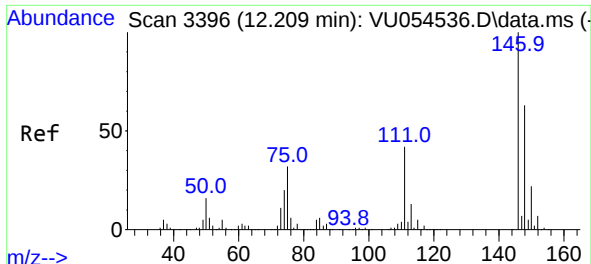
Tgt Ion:146 Resp: 261347
Ion Ratio Lower Upper
146 100
111 38.6 28.9 53.7
148 64.1 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.815 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion:146 Resp: 258482
Ion Ratio Lower Upper
146 100
111 40.3 28.0 52.0
148 66.2 44.7 83.1

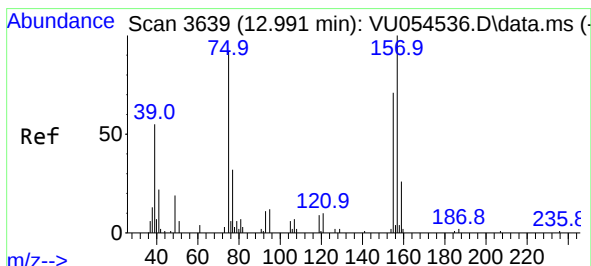
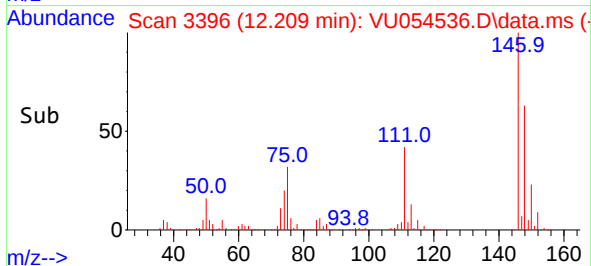
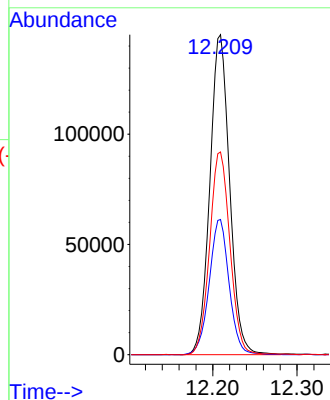
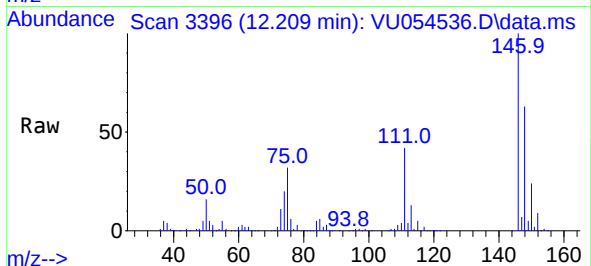




#67
1,2-Dichlorobenzene
Concen: 4.816 ug/L
RT: 12.209 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

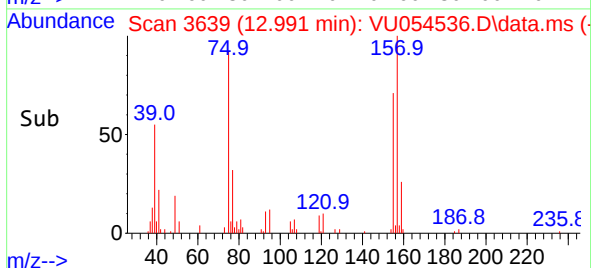
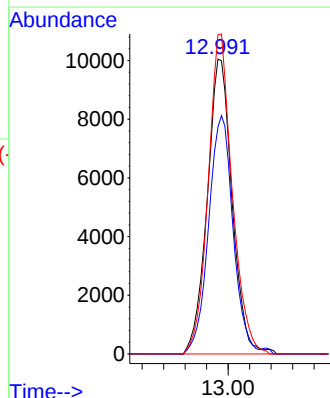
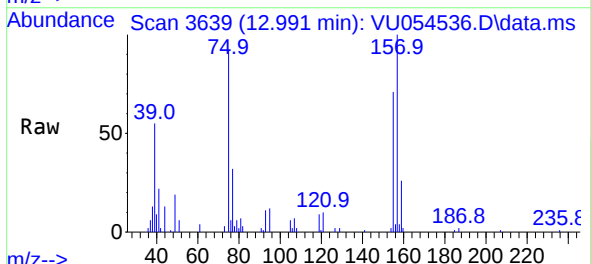
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

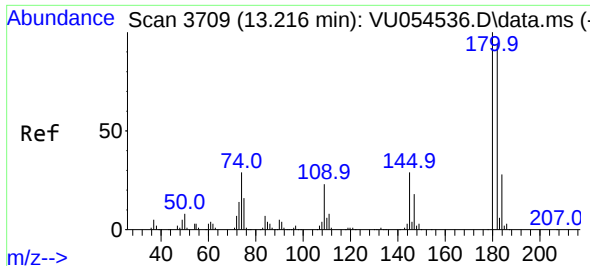
Tgt Ion:146 Resp: 236895
Ion Ratio Lower Upper
146 100
111 42.3 34.5 51.7
148 63.4 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 4.637 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion: 75 Resp: 16108
Ion Ratio Lower Upper
75 100
155 76.9 65.7 98.5
157 108.3 84.2 126.2



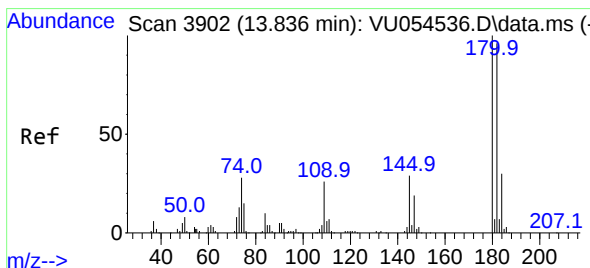
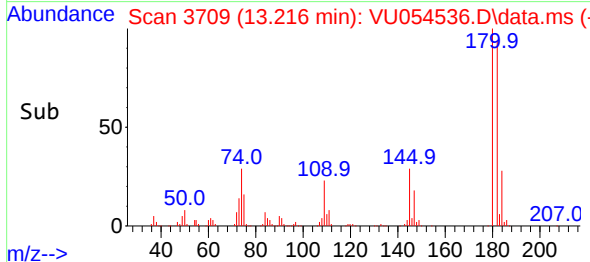
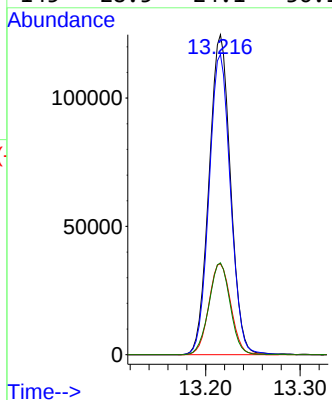
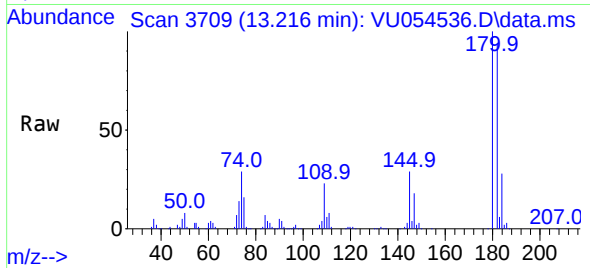


#69
1,3,5-Trichlorobenzene
Concen: 4.866 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. 0.003 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

Tgt Ion:180 Resp: 196383

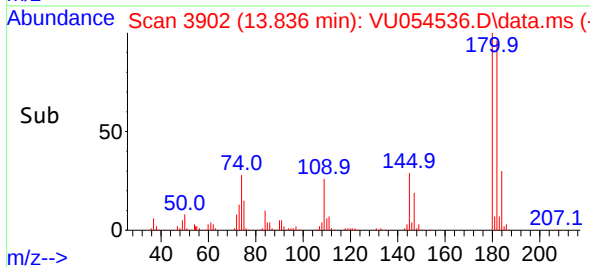
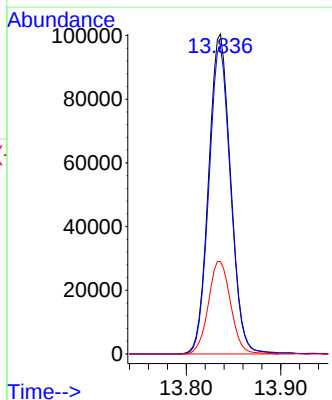
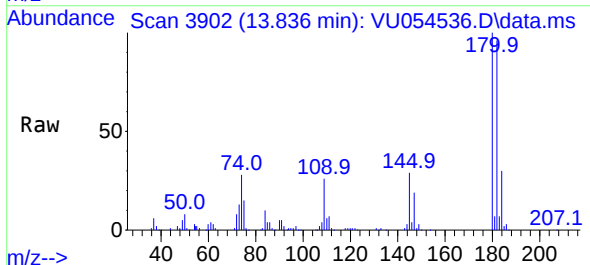
Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.0	112.6
184	29.0	24.1	36.1
145	28.5	24.1	36.1

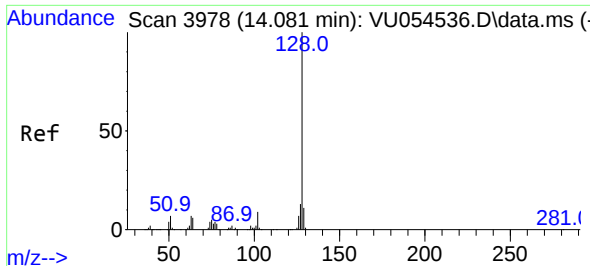


#70
1,2,4-trichlorobenzene
Concen: 4.881 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion:180 Resp: 162897

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	29.2	24.0	36.0

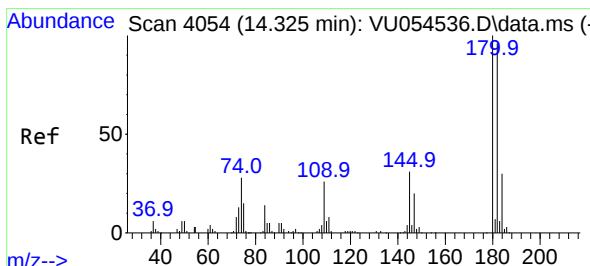
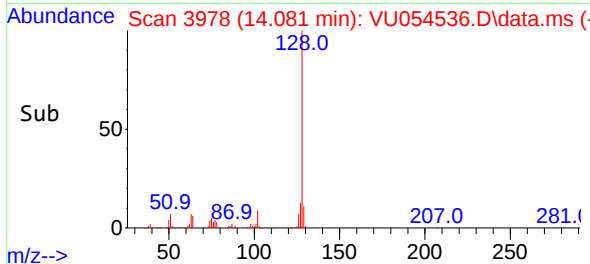
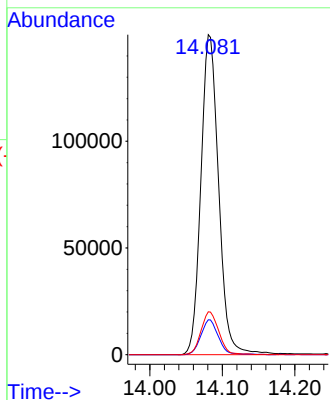
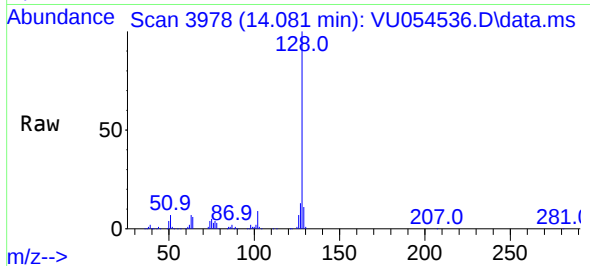




#71
Naphthalene
Concen: 4.698 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

Tgt Ion:128 Resp: 254958
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.5 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.013 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU054536.D
Acq: 15 Jun 2023 19:14

Tgt Ion:180 Resp: 143731
Ion Ratio Lower Upper
180 100
182 95.7 75.4 113.2
145 31.1 26.0 39.0

