

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
 Data File : VU055847.D
 Acq On : 23 Oct 2023 09:12
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 23:17:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	517400	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	500257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	267728	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	170855	36.815	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.640%		
7) Chloroethane-d5	1.908	69	154999	40.859	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.720%		
11) 1,1-Dichloroethene-d2	2.567	63	351547	42.483	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.960%		
21) 2-Butanone-d5	4.618	46	161399	46.935	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	46.930%		
24) Chloroform-d	5.059	84	399592	44.913	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.820%		
26) 1,2-Dichloroethane-d4	5.698	65	244281	44.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.220%		
32) Benzene-d6	5.724	84	739685	46.213	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.420%		
36) 1,2-Dichloropropane-d6	6.685	67	239365	47.238	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.480%		
41) Toluene-d8	7.894	98	667340	46.174	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.340%		
43) trans-1,3-Dichloroprop...	8.174	79	93090	38.244	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.480%		
47) 2-Hexanone-d5	8.631	63	69896	35.088	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	35.090%#		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	344109	44.119	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.240%		
66) 1,2-Dichlorobenzene-d4	12.190	152	258658	48.685	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	217371	50.456	ug/L	100
3) Chloromethane	1.518	50	211186	51.806	ug/L	99
5) Vinyl chloride	1.602	62	236530	52.725	ug/L	98
6) Bromomethane	1.850	94	137348	47.892	ug/L	99
8) Chloroethane	1.930	64	147490	50.122	ug/L	100
9) Trichlorofluoromethane	2.136	101	344829	53.799	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	205019	49.737	ug/L	98
12) 1,1-Dichloroethene	2.579	96	187698	51.171	ug/L	87
13) Acetone	2.621	43	149386	46.812	ug/L	97
14) Carbon disulfide	2.792	76	522312	46.791	ug/L	98
15) Methyl Acetate	2.943	43	274627	56.193	ug/L	97
16) Methylene chloride	3.043	84	224928	50.565	ug/L	96
17) trans-1,2-Dichloroethene	3.351	96	189980	50.650	ug/L	96
18) Methyl tert-butyl Ether	3.358	73	665349	55.158	ug/L	98
19) 1,1-Dichloroethane	3.866	63	387353	50.359	ug/L	98
20) cis-1,2-Dichloroethene	4.660	96	223726	52.263	ug/L	97
22) 2-Butanone	4.698	43	186598	48.513	ug/L	99
23) Bromochloromethane	4.972	128	115538	52.115	ug/L	97
25) Chloroform	5.081	83	417465	51.954	ug/L	98

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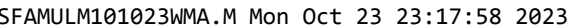
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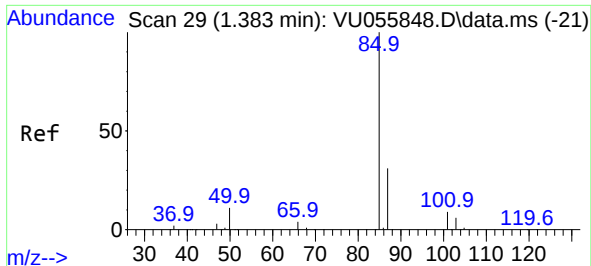
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 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	324673	50.520	ug/L	98
29) Cyclohexane	5.383	56	321702	56.104	ug/L	99
30) 1,1,1-Trichloroethane	5.313	97	359240	55.583	ug/L	98
31) Carbon tetrachloride	5.521	117	310732	54.927	ug/L	98
33) Benzene	5.769	78	873794	55.256	ug/L	100
34) Trichloroethene	6.538	95	235487	54.425	ug/L	98
35) Methylcyclohexane	6.759	83	318756	50.775	ug/L	99
37) 1,2-Dichloropropane	6.785	63	235801	54.151	ug/L	100
38) Bromodichloromethane	7.100	83	313672	54.624	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	308789	46.611	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	496376	81.939	ug/L	97
42) Toluene	7.965	91	914357	54.797	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	282988	44.645	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	227527	52.991	ug/L	98
46) Tetrachloroethene	8.550	164	160458	51.796	ug/L	97
48) 2-Hexanone	8.682	43	263511	51.498	ug/L	96
49) Dibromochloromethane	8.804	129	235818	53.751	ug/L	99
50) 1,2-Dibromoethane	8.920	107	242666	52.618	ug/L	99
51) Chlorobenzene	9.444	112	573705	53.140	ug/L	99
52) Ethylbenzene	9.566	91	1016249	55.707	ug/L	100
53) m,p-Xylene	9.689	106	386015	56.481	ug/L	96
54) o-Xylene	10.097	106	374545	56.633	ug/L	95
55) Styrene	10.110	104	636165	56.782	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	355843	48.400	ug/L	99
59) Bromoform	10.287	173	179336	54.414	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	290764	50.041	ug/L	99
61) Isopropylbenzene	10.480	105	994493	59.584	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	822844	60.927	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	772751	57.865	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	461211	55.899	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	454140	53.536	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	466420	56.965	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	70155	40.386	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	285382	51.855	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	231337	50.465	ug/L	98
71) Naphthalene	14.081	128	659834	48.456	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	232296	51.397	ug/L	99

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

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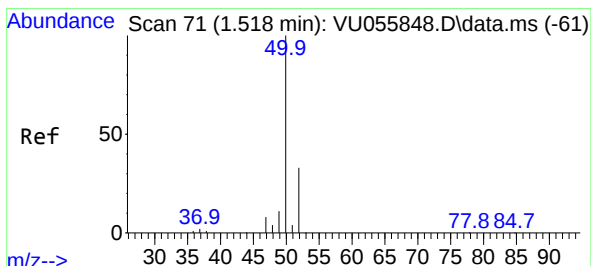
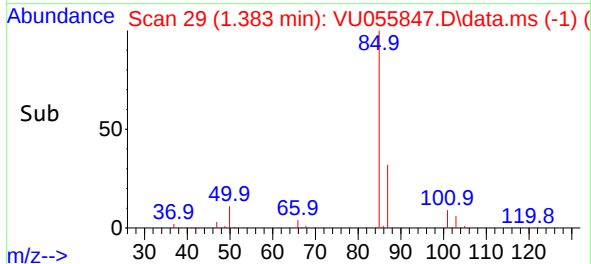
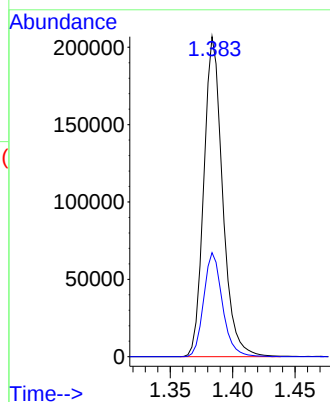
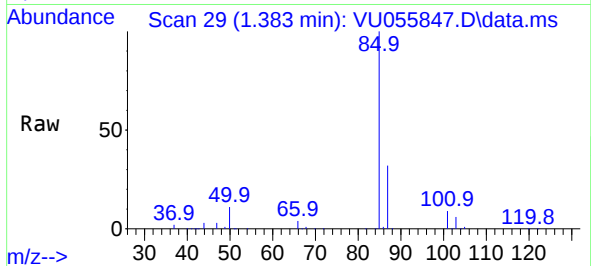




#2
 Dichlorodifluoromethane
 Concen: 50.456 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055847.D
 Acq: 23 Oct 2023 09:12

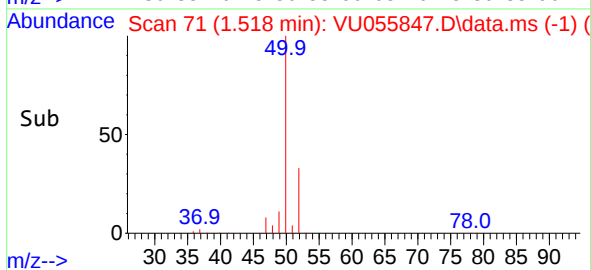
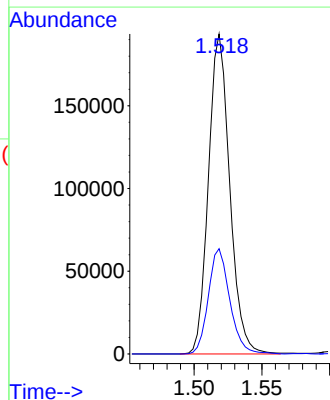
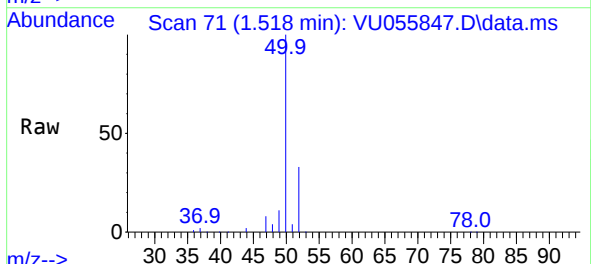
Instrument :
 MSVOA_U
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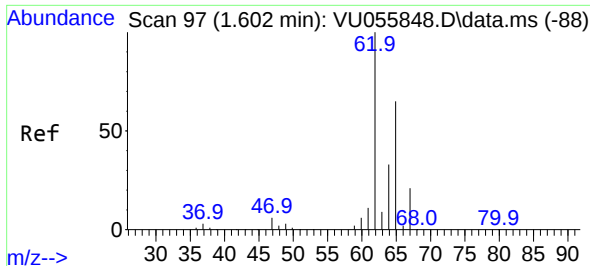
Tgt Ion: 85 Resp: 217371
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 51.806 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055847.D
 Acq: 23 Oct 2023 09:12

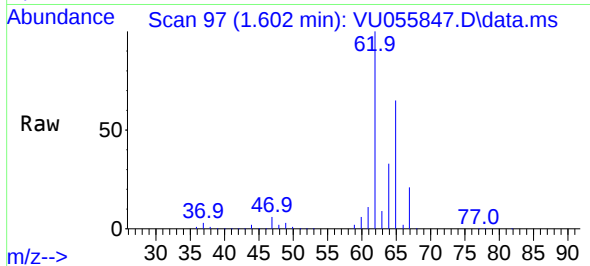
Tgt Ion: 50 Resp: 211186
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.8 42.4



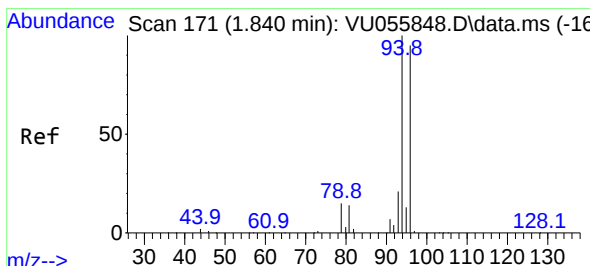
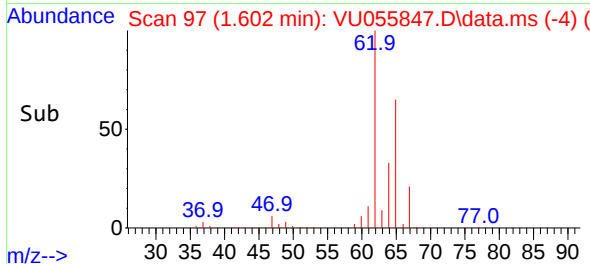
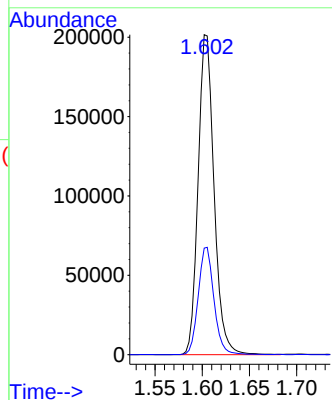


#5
 Vinyl chloride
 Concen: 52.725 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055847.D
 Acq: 23 Oct 2023 09:12

Instrument :
 MSVOA_U
 ClientSampleId :

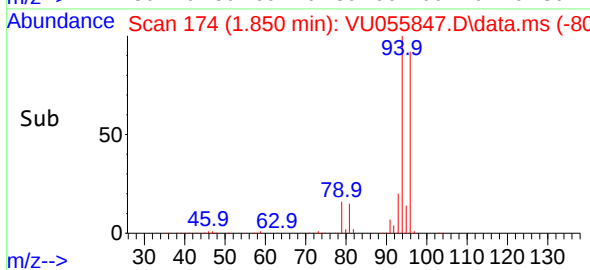
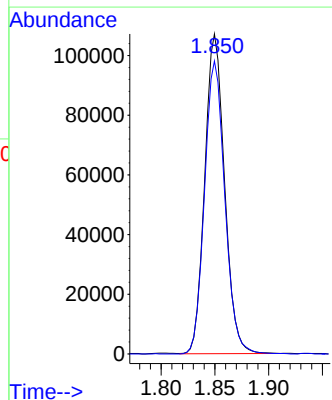
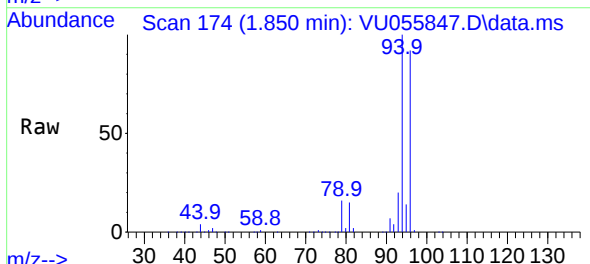


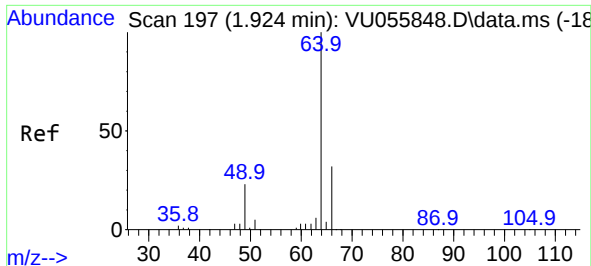
Tgt Ion: 62 Resp: 236530
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.9 44.5



#6
 Bromomethane
 Concen: 47.892 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. 0.003 min
 Lab File: VU055847.D
 Acq: 23 Oct 2023 09:12

Tgt Ion: 94 Resp: 137348
 Ion Ratio Lower Upper
 94 100
 96 91.6 63.5 117.9

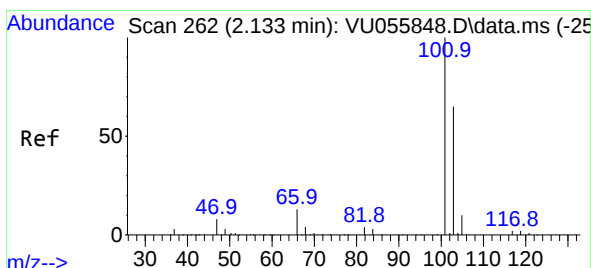
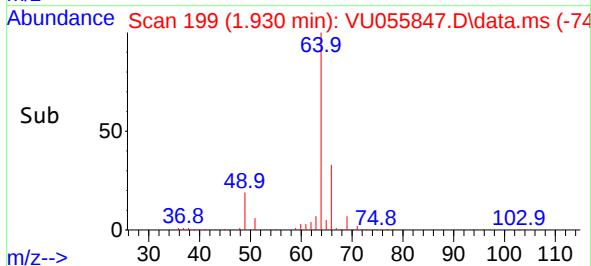
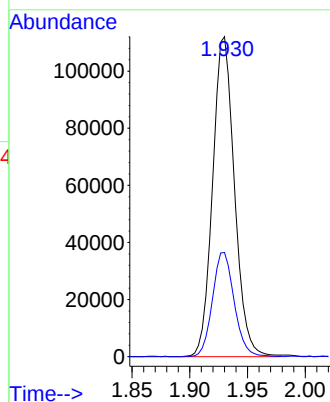
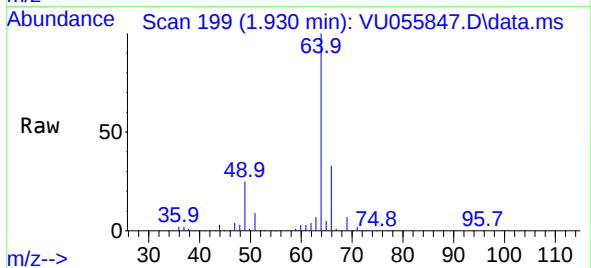




#8
Chloroethane
Concen: 50.122 ug/L
RT: 1.930 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

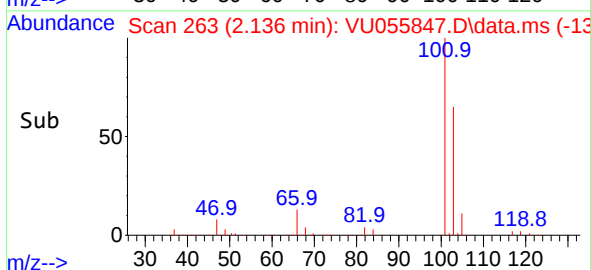
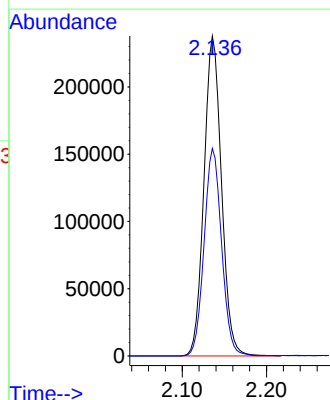
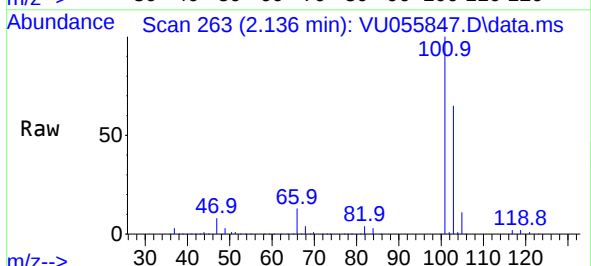
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ClientSampleId :

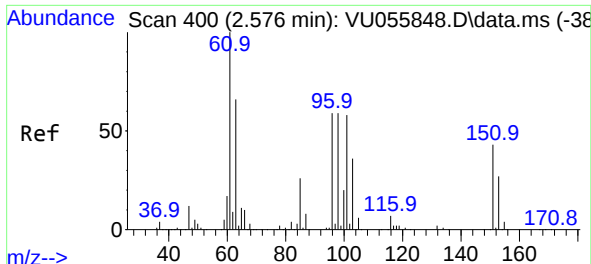
Tgt Ion: 64 Resp: 147490
Ion Ratio Lower Upper
64 100
66 32.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 53.799 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion:101 Resp: 344829
Ion Ratio Lower Upper
101 100
103 64.7 51.3 76.9

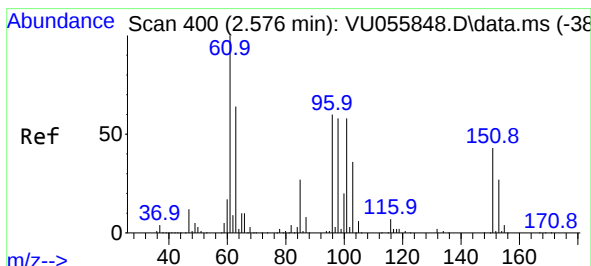
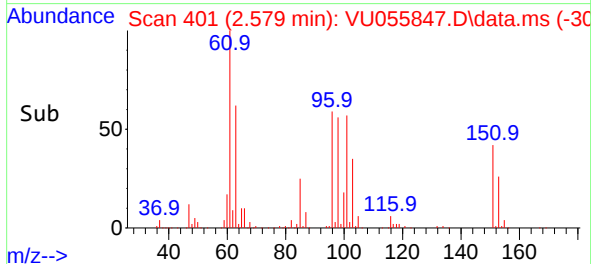
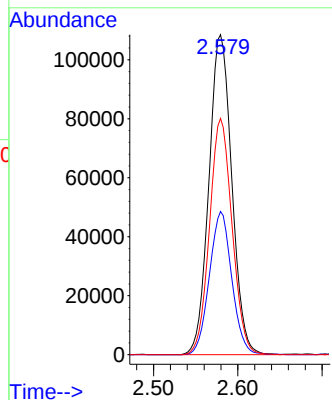
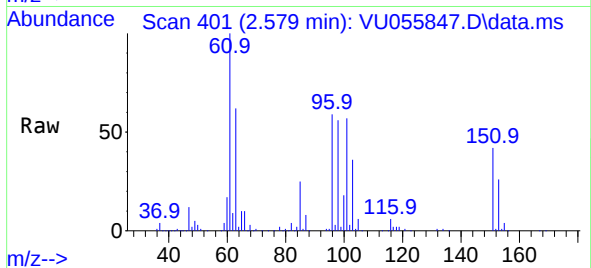




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.737 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

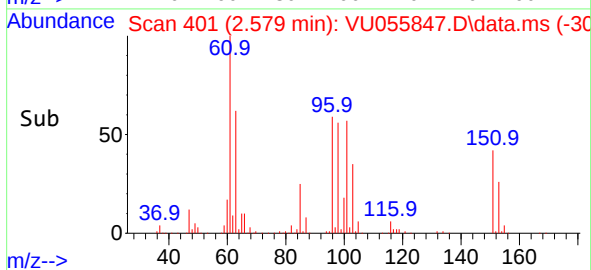
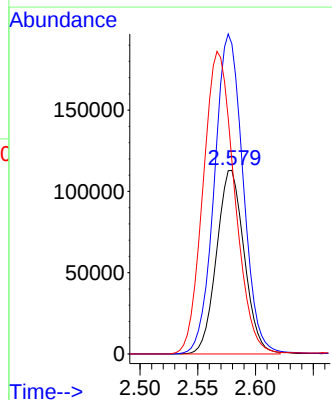
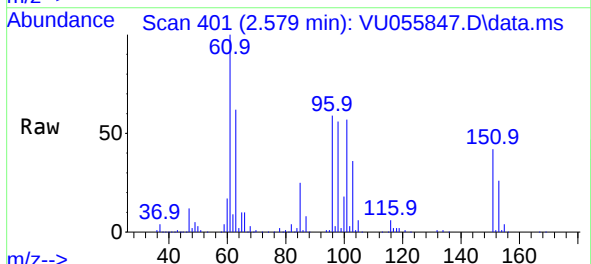
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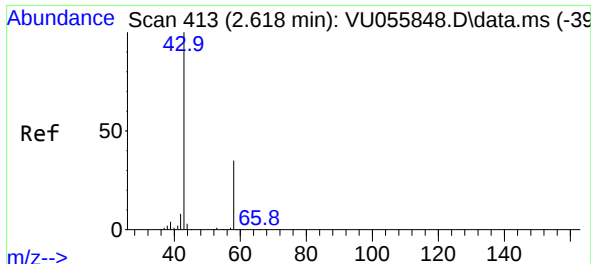
Tgt Ion:101 Resp: 205019
Ion Ratio Lower Upper
101 100
85 43.8 37.1 55.7
151 72.8 58.2 87.4



#12
1,1-Dichloroethene
Concen: 51.171 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion: 96 Resp: 187698
Ion Ratio Lower Upper
96 100
61 168.8 122.0 226.6
63 105.2 93.7 174.1





#13

Acetone

Concen: 46.812 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU055847.D

Acq: 23 Oct 2023 09:12

Instrument :

MSVOA_U

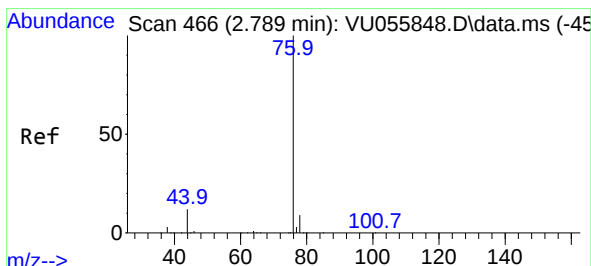
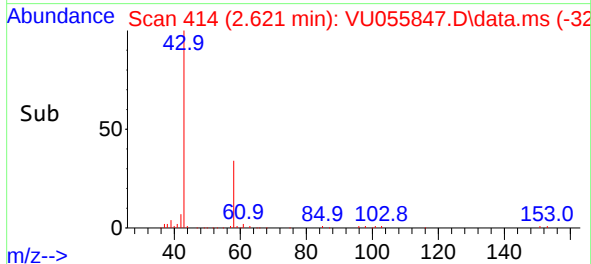
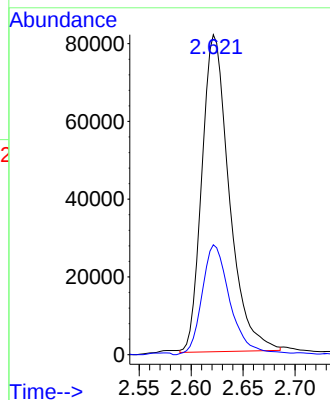
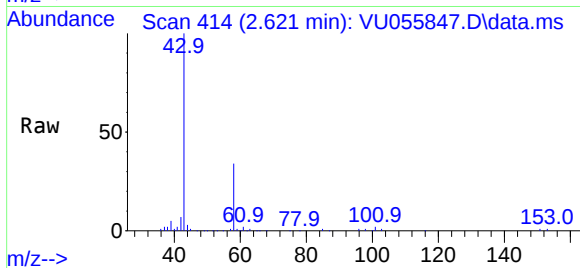
ClientSampleId :

Tgt Ion: 43 Resp: 149386

Ion Ratio Lower Upper

43 100

58 35.5 0.0 67.4



#14

Carbon disulfide

Concen: 46.791 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU055847.D

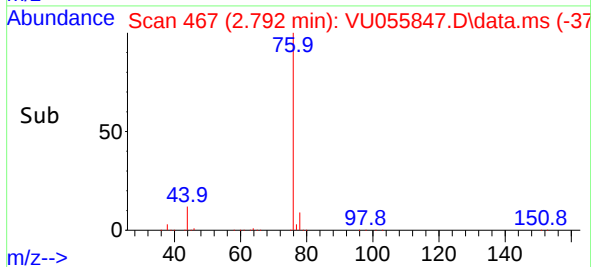
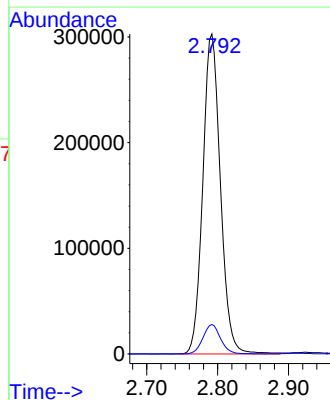
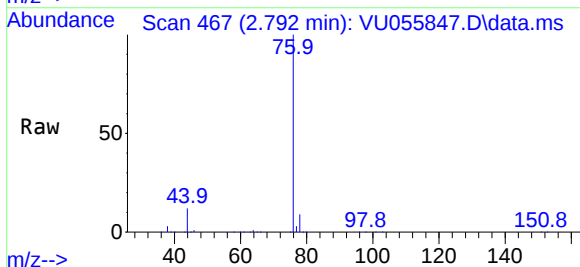
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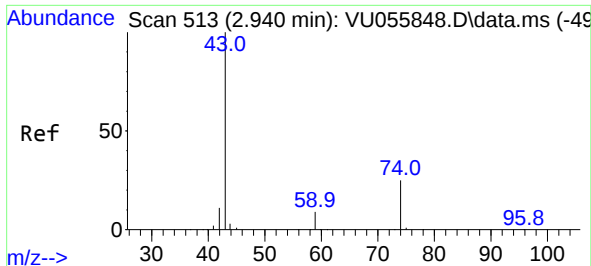
Tgt Ion: 76 Resp: 522312

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2

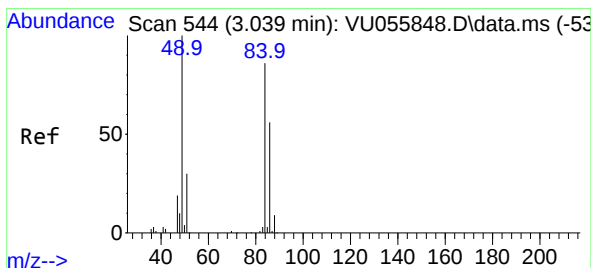
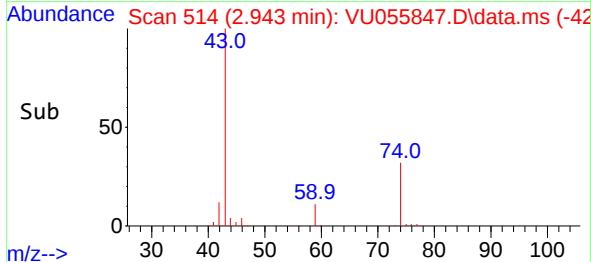
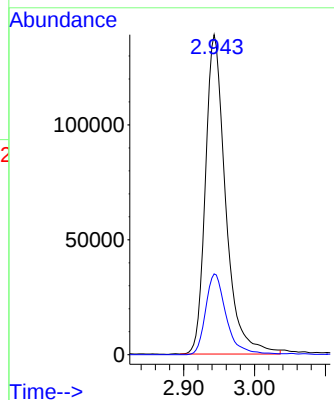
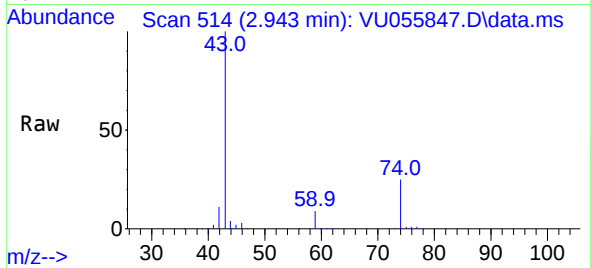




#15
Methyl Acetate
Concen: 56.193 ug/L
RT: 2.943 min Scan# 513
Delta R.T. 0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

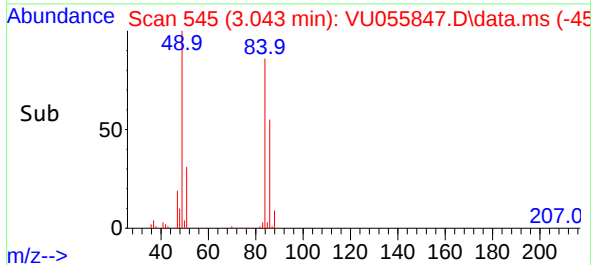
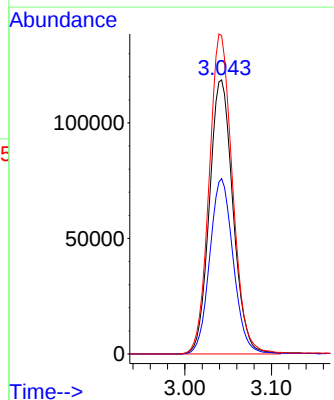
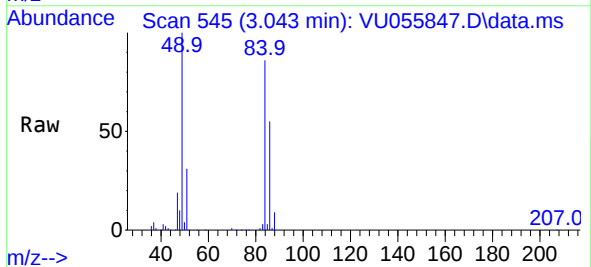
Instrument :
MSVOA_U
ClientSampleId :

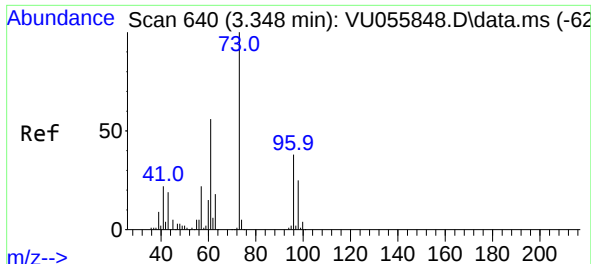
Tgt Ion: 43 Resp: 274627
Ion Ratio Lower Upper
43 100
74 26.0 19.5 29.3



#16
Methylene chloride
Concen: 50.565 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion: 84 Resp: 224928
Ion Ratio Lower Upper
84 100
86 64.0 46.3 86.1
49 116.1 84.8 157.6

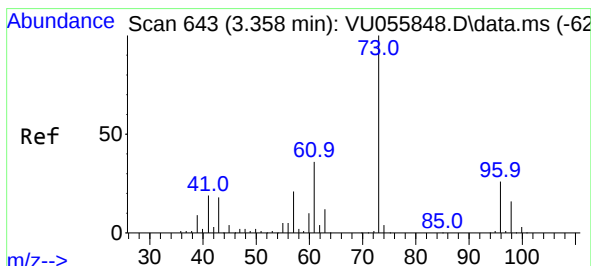
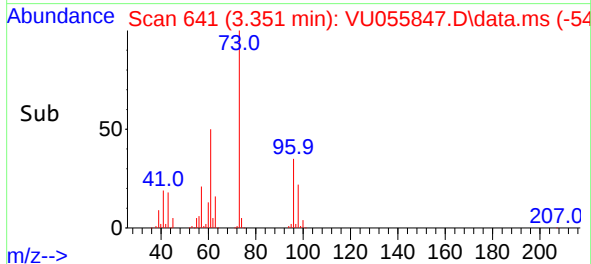
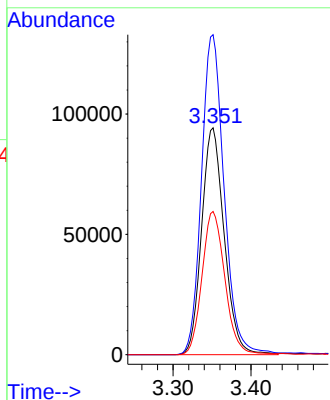
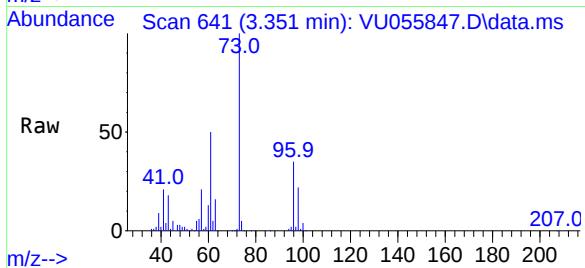




#17
trans-1,2-Dichloroethene
Concen: 50.650 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

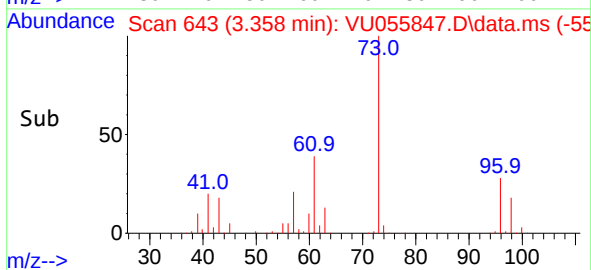
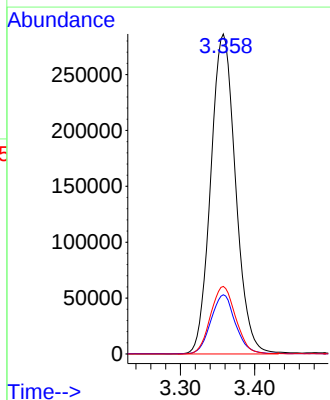
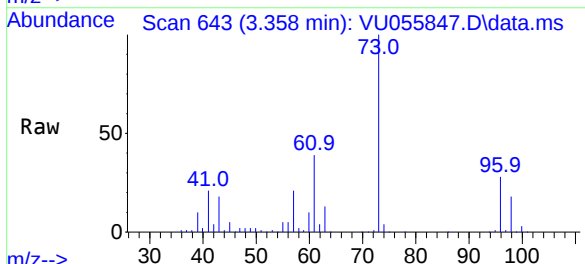
Instrument :
MSVOA_U
ClientSampleId :

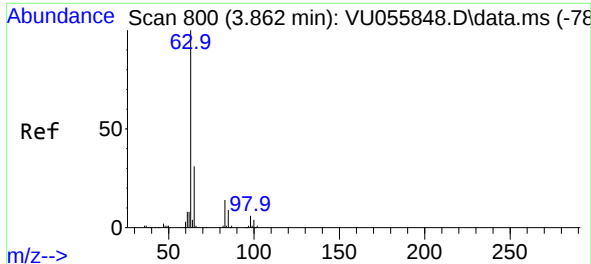
Tgt Ion: 96 Resp: 189980
Ion Ratio Lower Upper
96 100
61 141.0 102.1 189.7
98 63.1 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 55.158 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

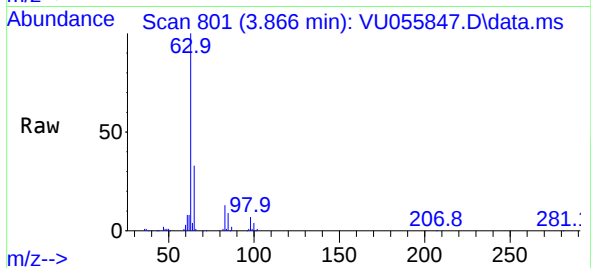
Tgt Ion: 73 Resp: 665349
Ion Ratio Lower Upper
73 100
43 18.1 15.4 23.2
57 21.3 17.7 26.5



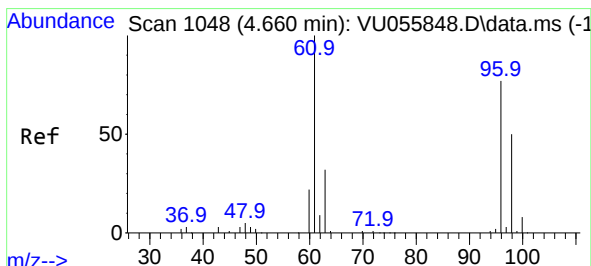
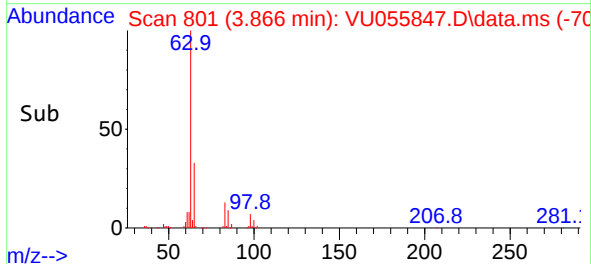
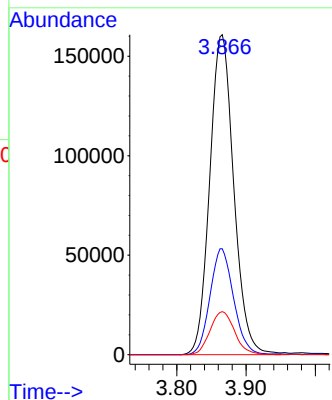


#19
1,1-Dichloroethane
Concen: 50.359 ug/L
RT: 3.866 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Instrument :
MSVOA_U
ClientSampleId :

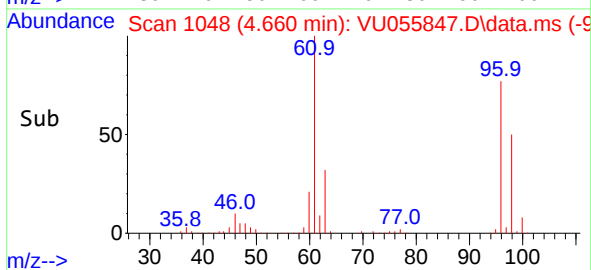
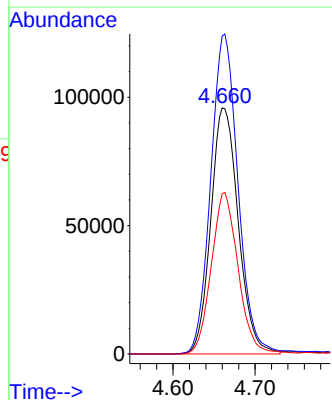
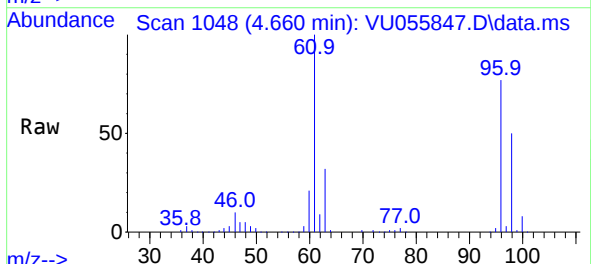


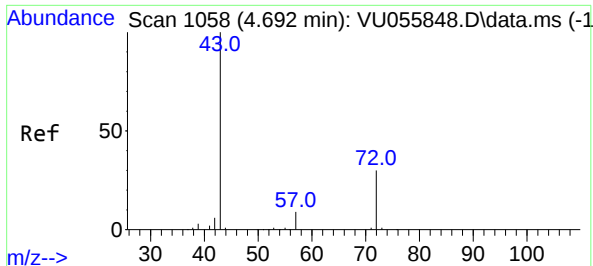
Tgt Ion: 63 Resp: 387353
Ion Ratio Lower Upper
63 100
65 33.1 22.3 41.5
83 13.4 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.263 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion: 96 Resp: 223726
Ion Ratio Lower Upper
96 100
61 129.1 92.3 171.5
98 65.1 43.9 81.5

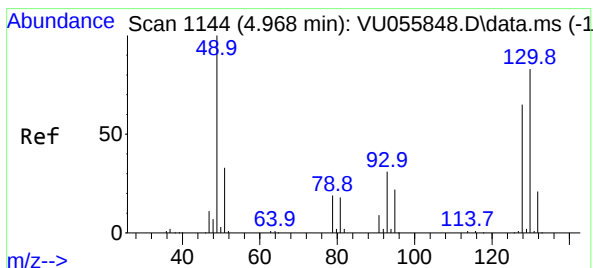
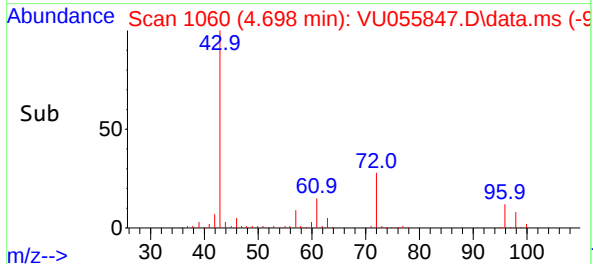
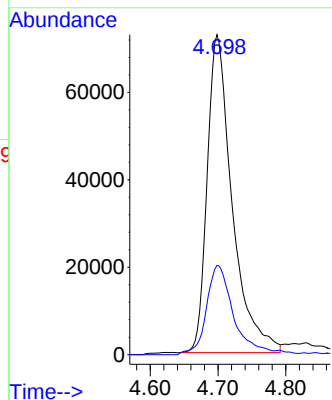
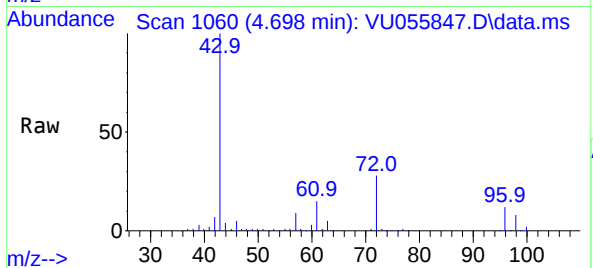




#22
2-Butanone
Concen: 48.513 ug/L
RT: 4.698 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

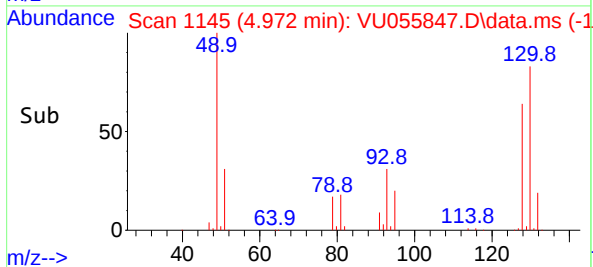
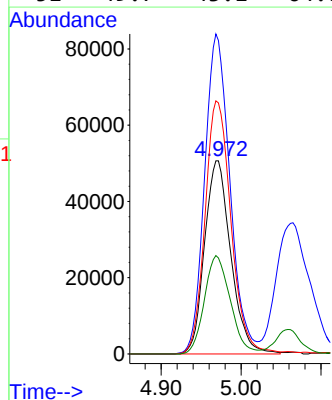
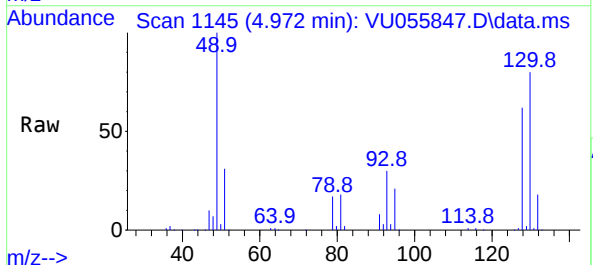
Instrument :
MSVOA_U
ClientSampleId :

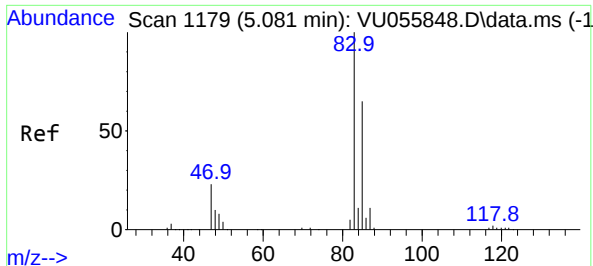
Tgt Ion: 43 Resp: 186598
Ion Ratio Lower Upper
43 100
72 30.1 14.6 44.0



#23
Bromochloromethane
Concen: 52.115 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion:128 Resp: 115538
Ion Ratio Lower Upper
128 100
49 162.2 116.3 216.1
130 130.0 91.6 170.0
51 49.7 43.1 64.7





#25

Chloroform

Concen: 51.954 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU055847.D

Acq: 23 Oct 2023 09:12

Instrument :

MSVOA_U

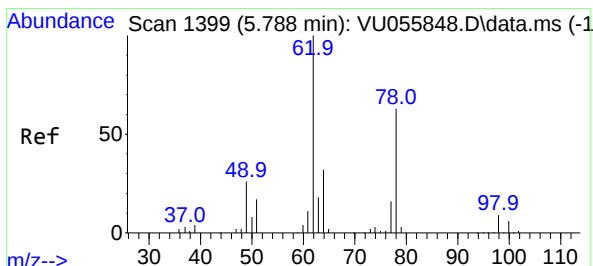
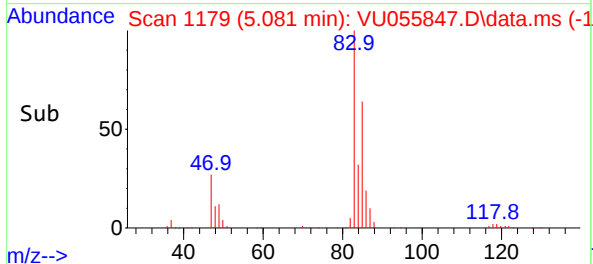
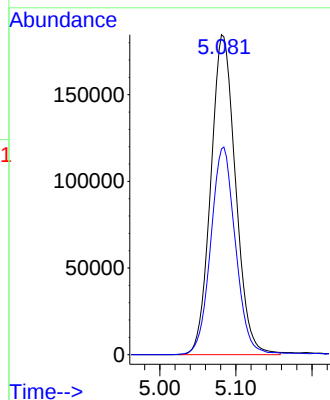
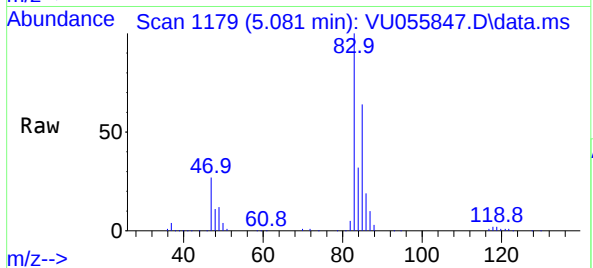
ClientSampleId :

Tgt Ion: 83 Resp: 417465

Ion Ratio Lower Upper

83 100

85 64.3 46.3 86.1



#27

1,2-Dichloroethane

Concen: 50.520 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU055847.D

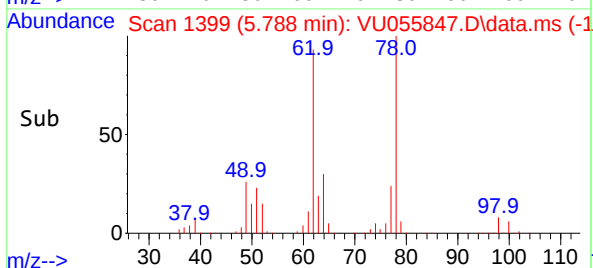
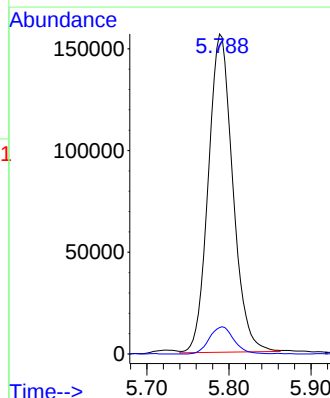
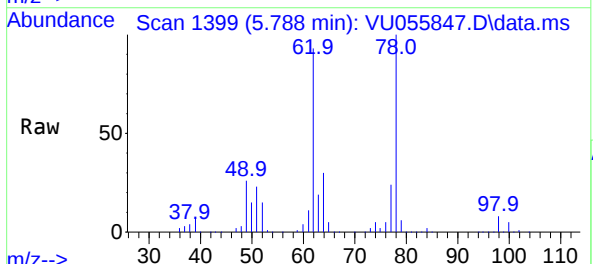
Acq: 23 Oct 2023 09:12

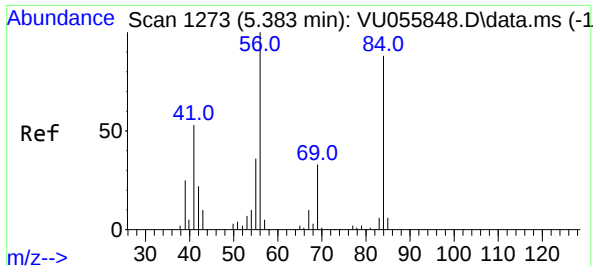
Tgt Ion: 62 Resp: 324673

Ion Ratio Lower Upper

62 100

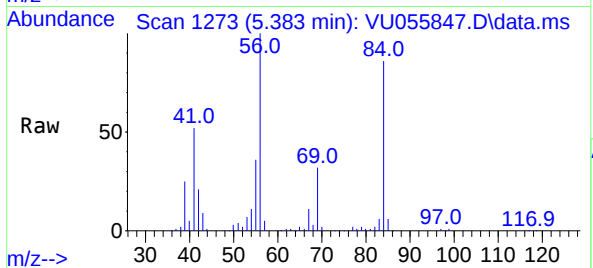
98 8.2 7.2 10.8



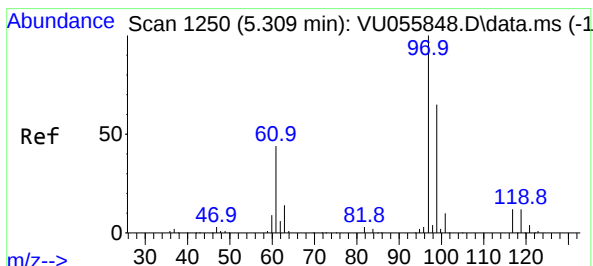
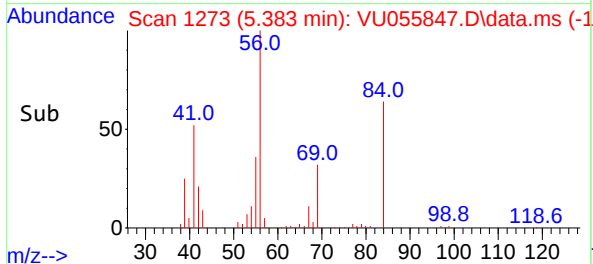
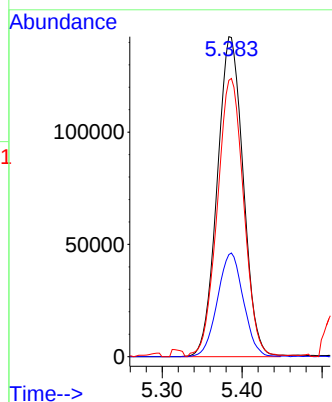


#29
Cyclohexane
Concen: 56.104 ug/L
RT: 5.383 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Instrument :
MSVOA_U
ClientSampleId :

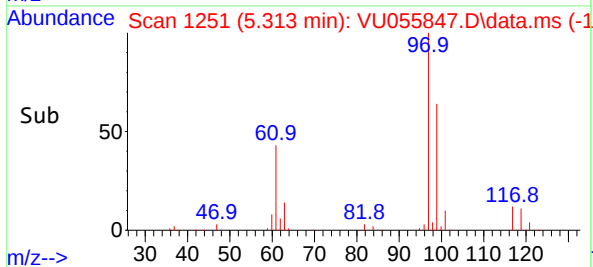
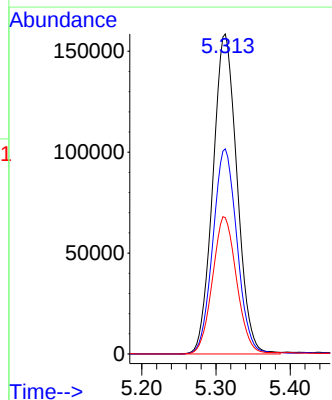
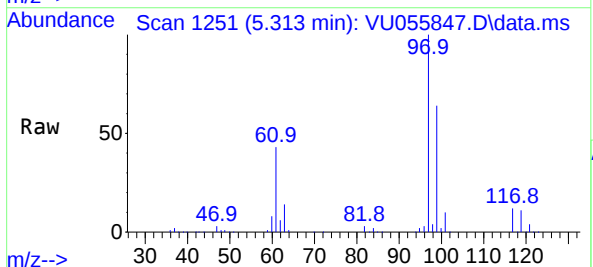


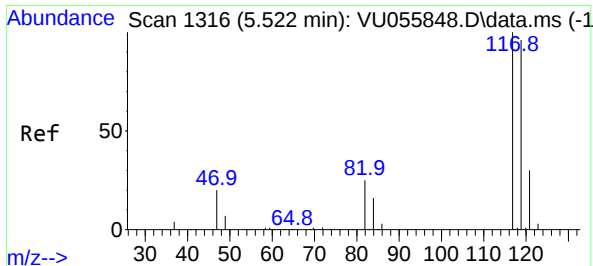
Tgt Ion: 56 Resp: 321702
Ion Ratio Lower Upper
56 100
69 32.3 24.9 37.3
84 88.4 70.7 106.1



#30
1,1,1-Trichloroethane
Concen: 55.583 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion: 97 Resp: 359240
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 42.8 36.8 55.2

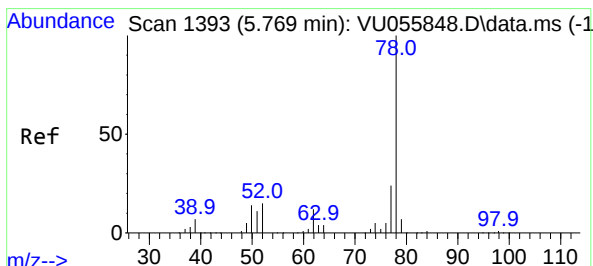
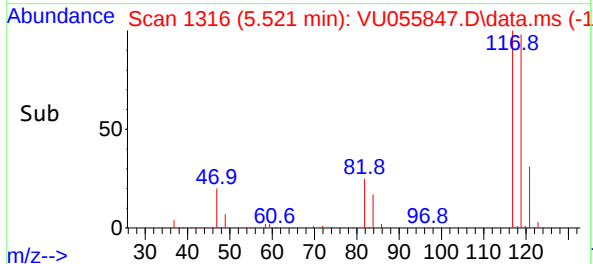
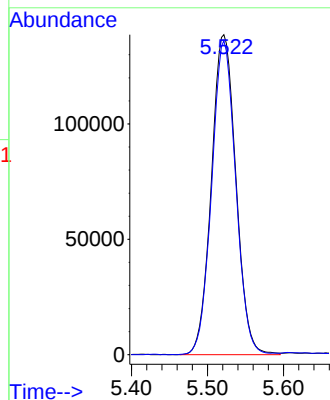
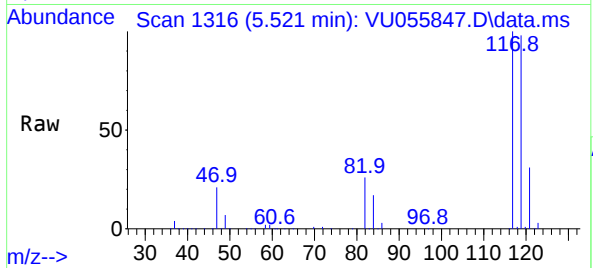




#31
Carbon tetrachloride
Concen: 54.927 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

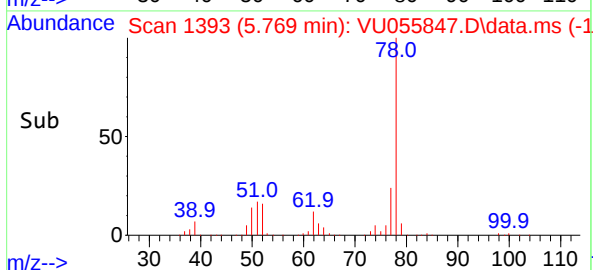
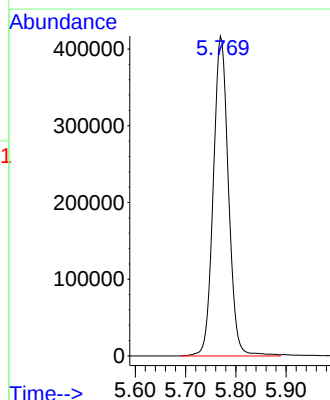
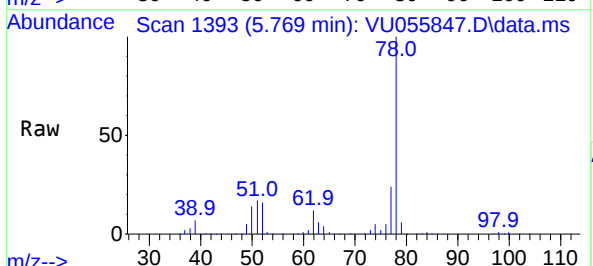
Instrument :
MSVOA_U
ClientSampleId :

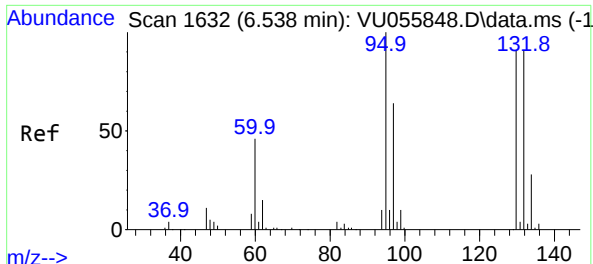
Tgt Ion:117 Resp: 310732
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.0



#33
Benzene
Concen: 55.256 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

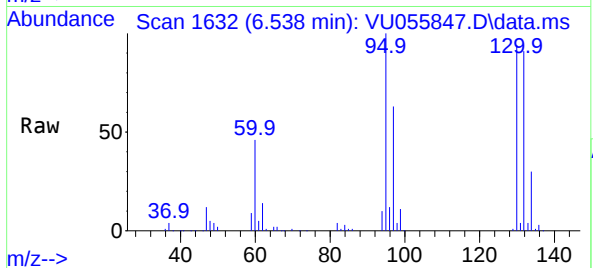
Tgt Ion: 78 Resp: 873794



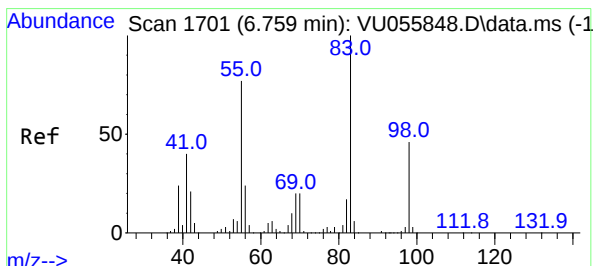
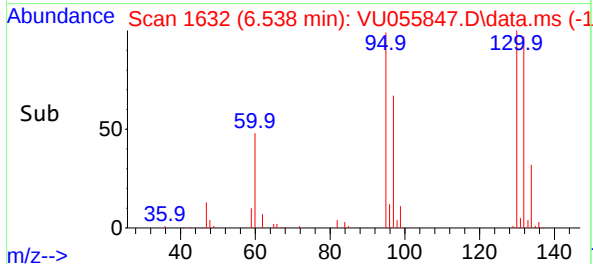
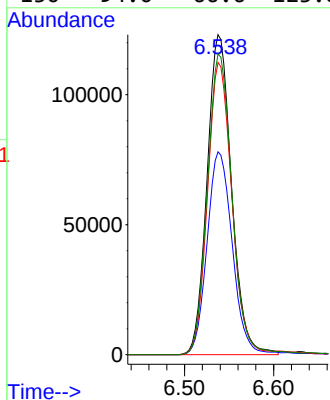


#34
Trichloroethene
Concen: 54.425 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Instrument :
MSVOA_U
ClientSampleId :

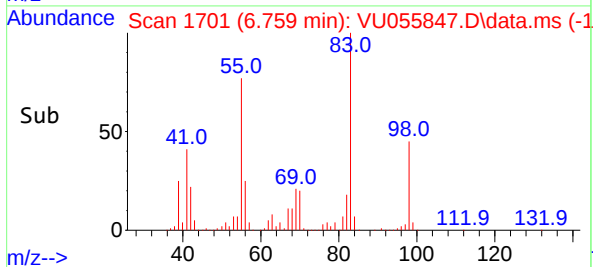
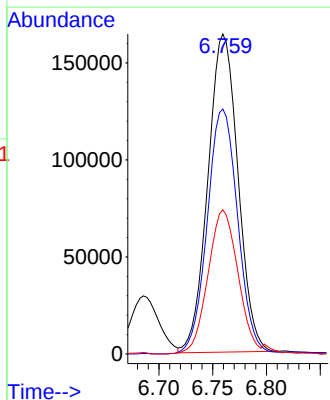
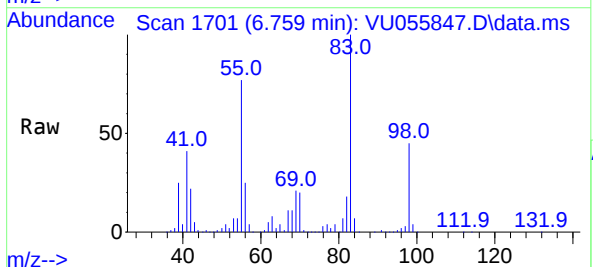


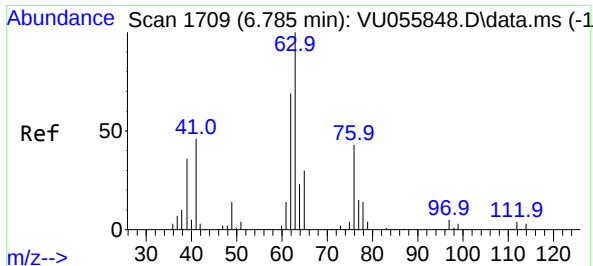
Tgt Ion: 95 Resp: 235487
Ion Ratio Lower Upper
95 100
97 63.4 44.4 82.5
132 91.3 61.8 114.8
130 94.0 66.6 123.8



#35
Methylcyclohexane
Concen: 50.775 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion: 83 Resp: 318756
Ion Ratio Lower Upper
83 100
55 78.1 61.2 91.8
98 45.2 35.8 53.6

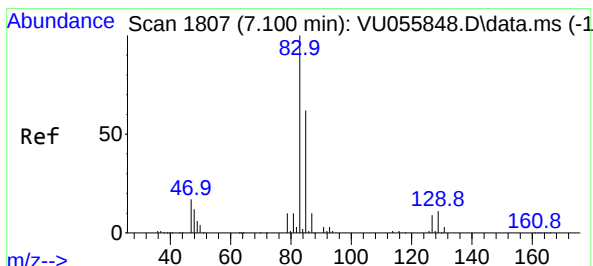
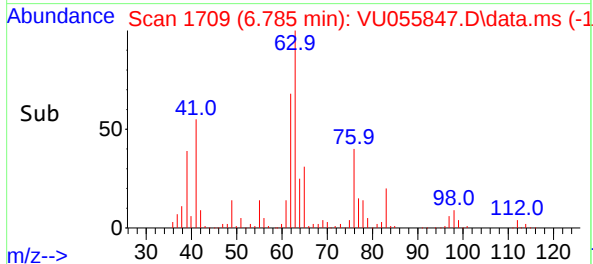
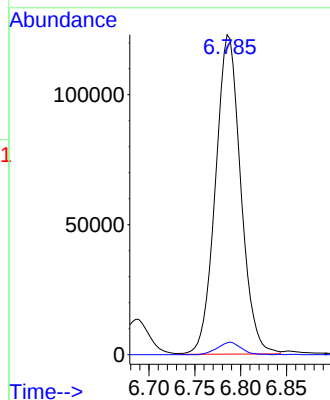
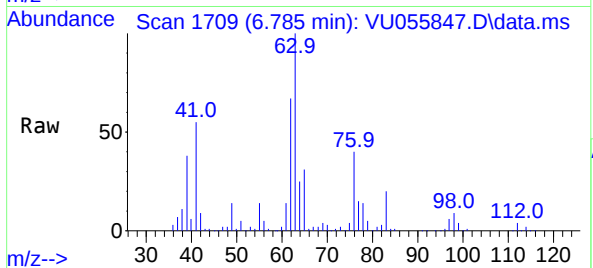




#37
1,2-Dichloropropane
Concen: 54.151 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

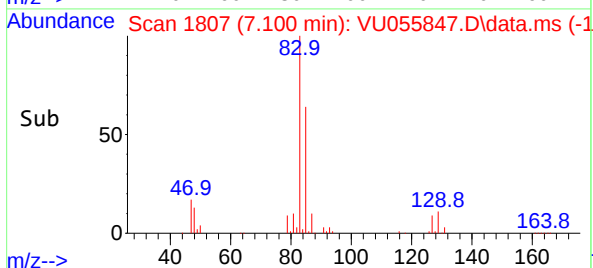
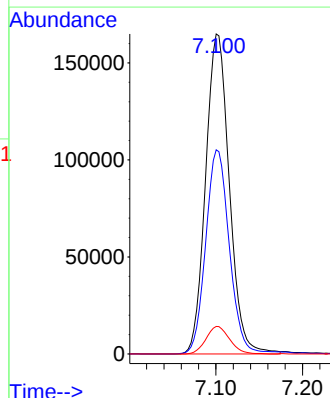
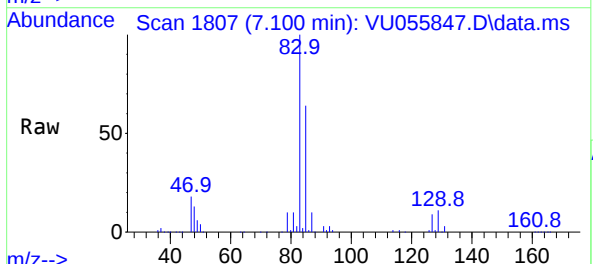
Instrument :
MSVOA_U
ClientSampleId :

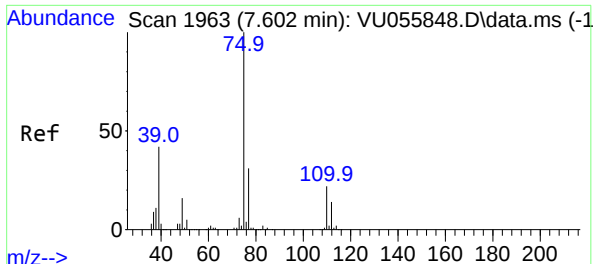
Tgt Ion: 63 Resp: 235801
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 54.624 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion: 83 Resp: 313672
Ion Ratio Lower Upper
83 100
85 63.8 46.0 85.4
127 8.6 7.0 10.4

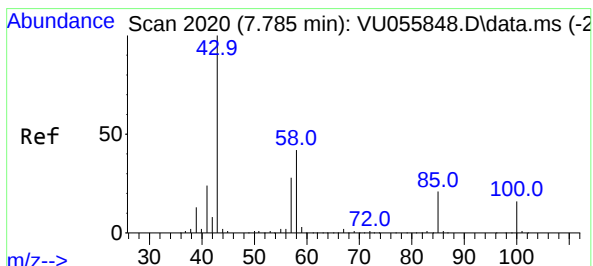
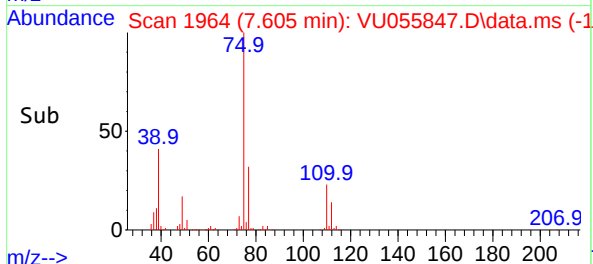
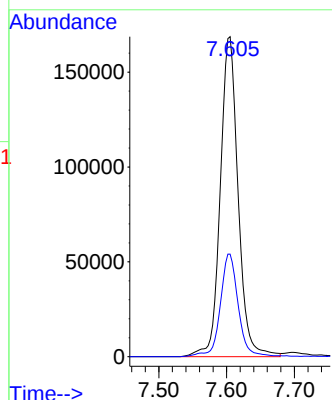
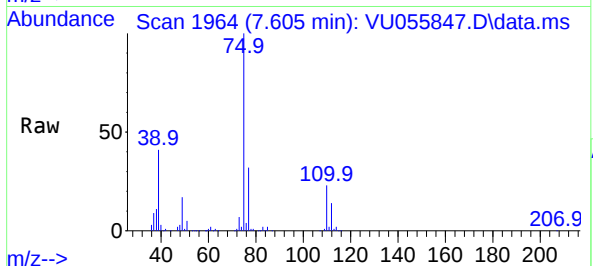




#39
cis-1,3-Dichloropropene
Concen: 46.611 ug/L
RT: 7.605 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

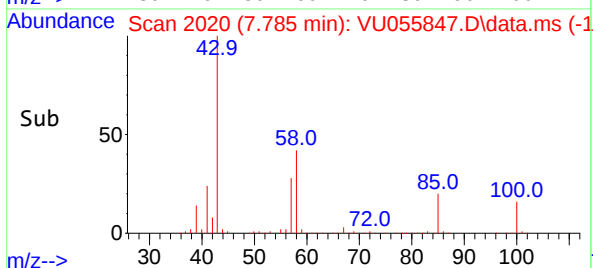
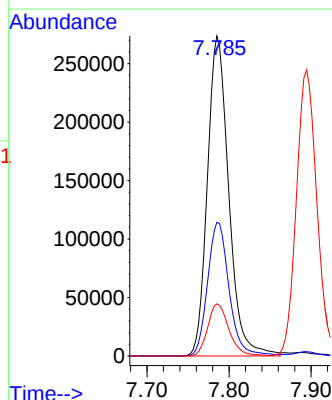
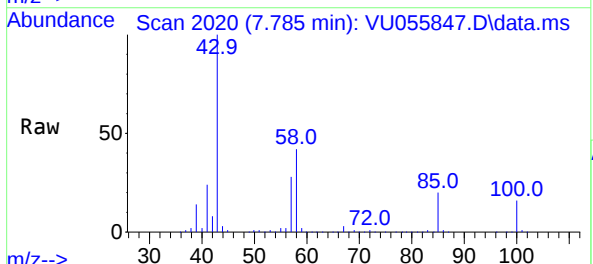
Instrument :
MSVOA_U
ClientSampleId :

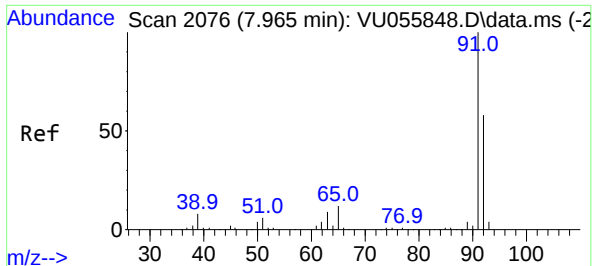
Tgt Ion: 75 Resp: 308789
Ion Ratio Lower Upper
75 100
77 32.1 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 81.939 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion: 43 Resp: 496376
Ion Ratio Lower Upper
43 100
58 42.0 32.3 48.5
100 16.2 12.0 18.0





#42

Toluene

Concen: 54.797 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055847.D

Acq: 23 Oct 2023 09:12

Instrument :

MSVOA_U

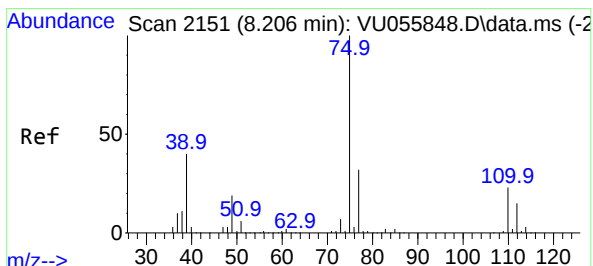
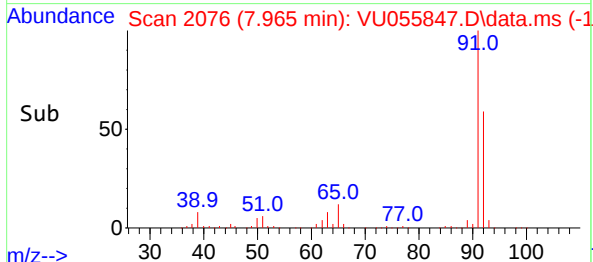
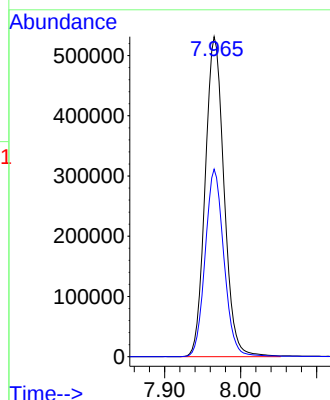
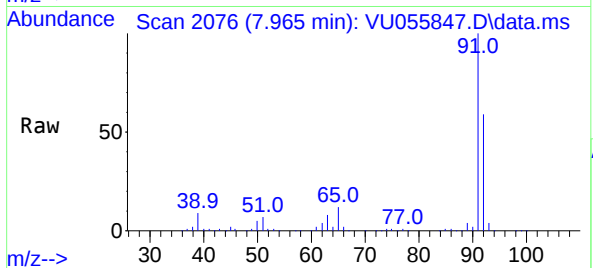
ClientSampleId :

Tgt Ion: 91 Resp: 914357

Ion Ratio Lower Upper

91 100

92 58.6 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 44.645 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU055847.D

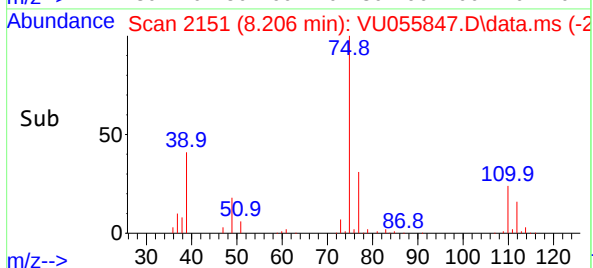
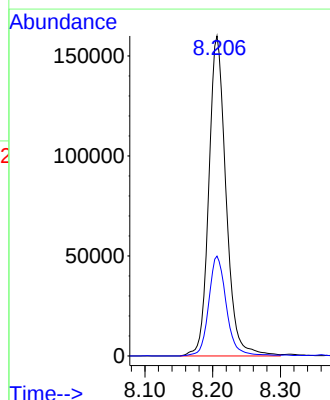
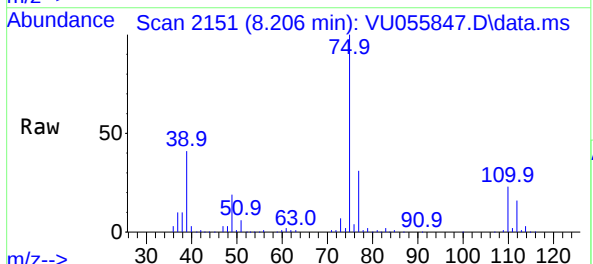
Acq: 23 Oct 2023 09:12

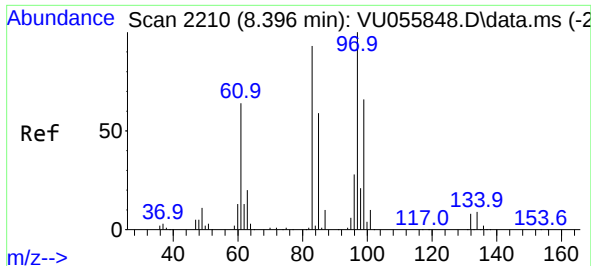
Tgt Ion: 75 Resp: 282988

Ion Ratio Lower Upper

75 100

77 31.2 21.6 40.2



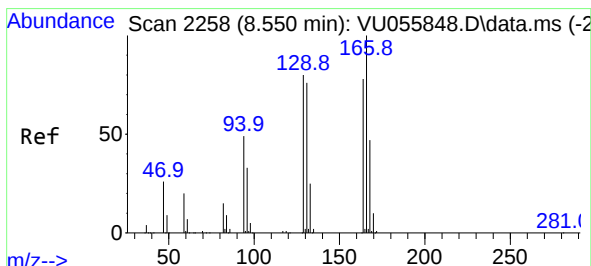
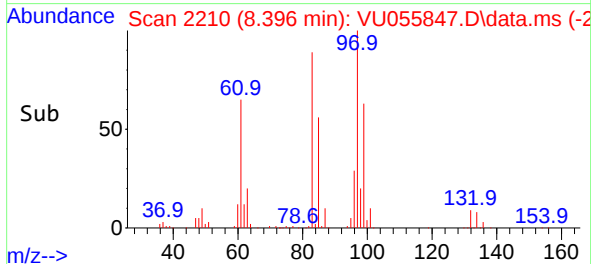
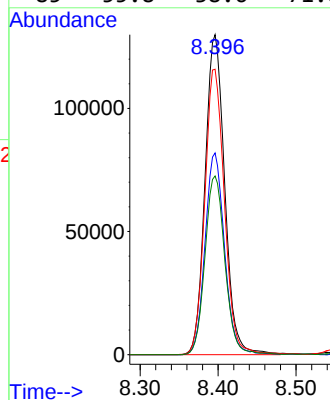
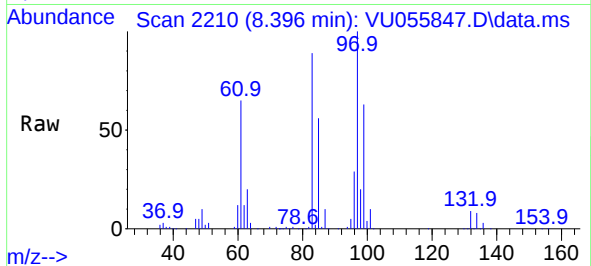


#45
1,1,2-Trichloroethane
Concen: 52.991 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 227527

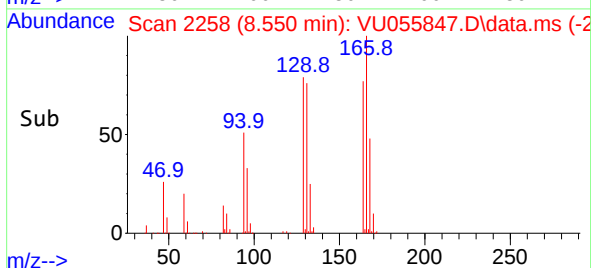
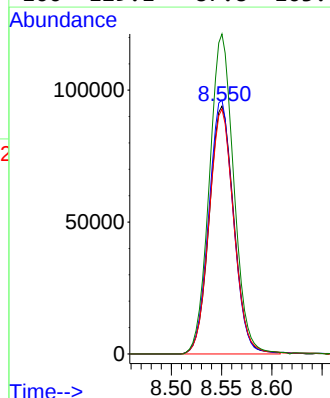
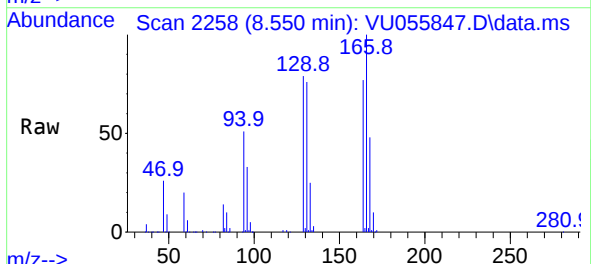
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.4	82.5
83	89.2	60.4	112.2
85	55.8	38.6	71.8

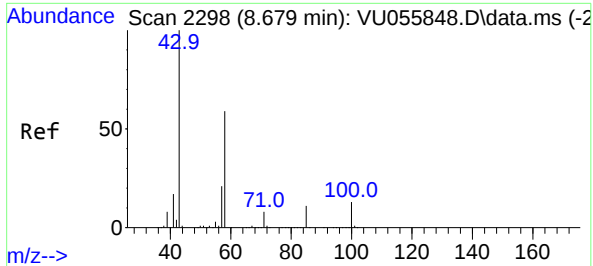


#46
Tetrachloroethene
Concen: 51.796 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion: 164 Resp: 160458

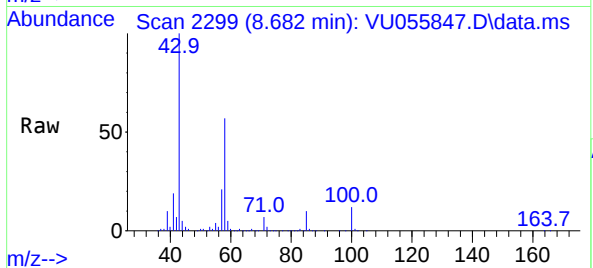
Ion	Ratio	Lower	Upper
164	100		
129	102.6	70.7	131.3
131	98.8	65.9	122.5
166	129.1	87.8	163.0



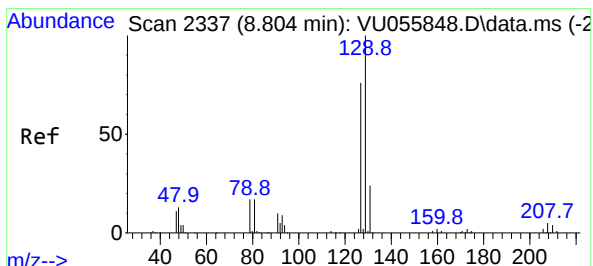
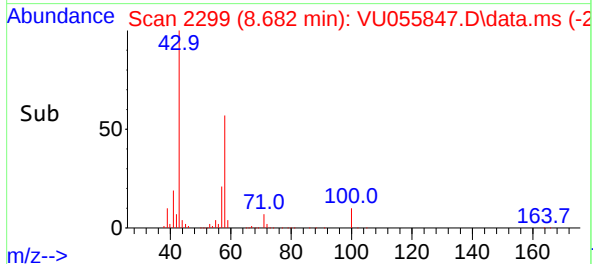
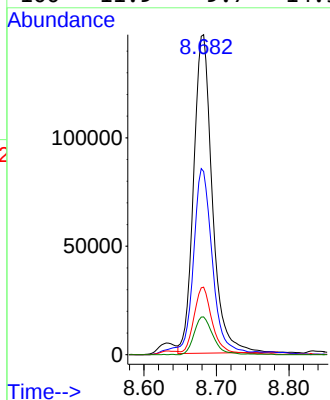


#48
2-Hexanone
Concen: 51.498 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Instrument :
MSVOA_U
ClientSampleId :

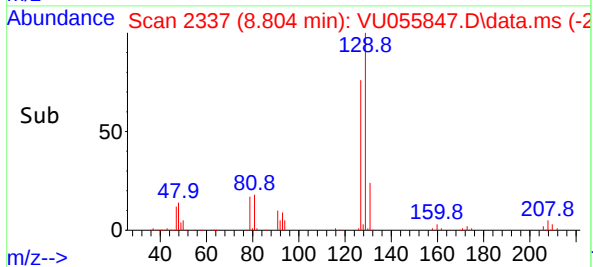
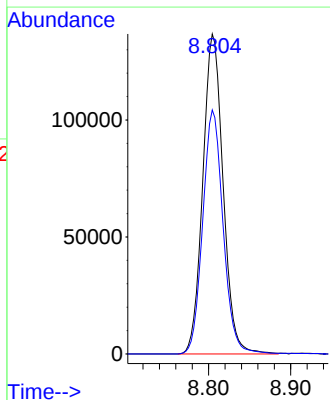
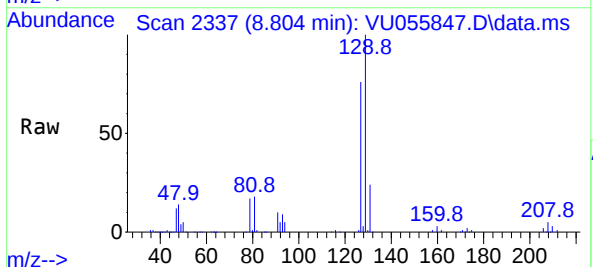


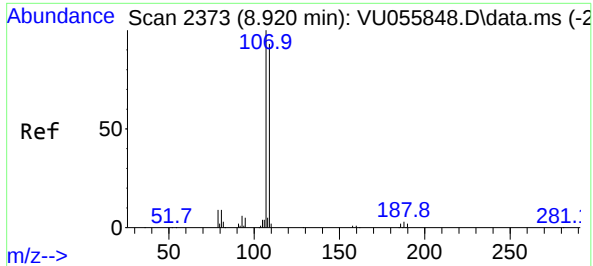
Tgt Ion: 43 Resp: 263511
Ion Ratio Lower Upper
43 100
58 60.3 45.2 67.8
57 21.3 16.1 24.1
100 11.9 9.7 14.5



#49
Dibromochloromethane
Concen: 53.751 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion: 129 Resp: 235818
Ion Ratio Lower Upper
129 100
127 76.3 54.0 100.4



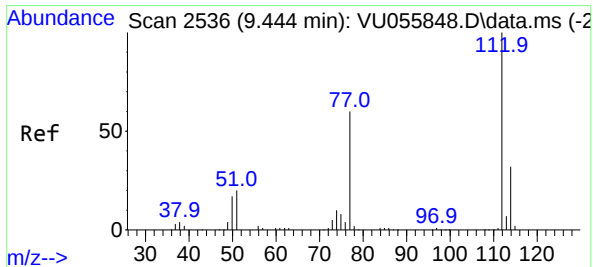
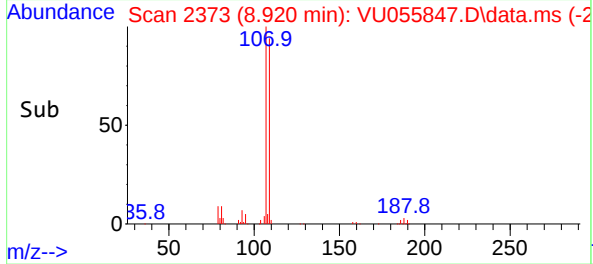
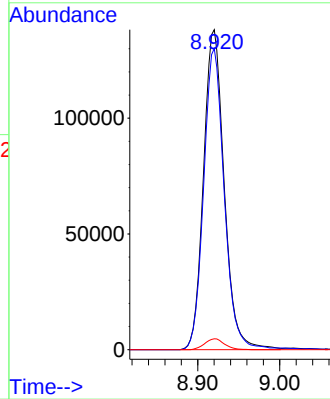
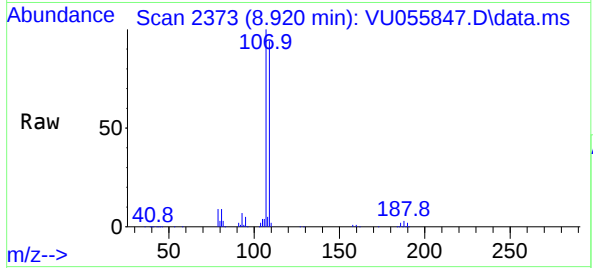


#50
1,2-Dibromoethane
Concen: 52.618 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:107 Resp: 242666

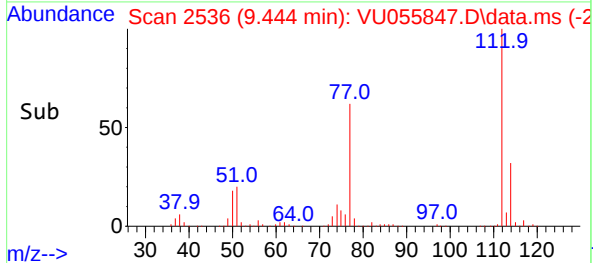
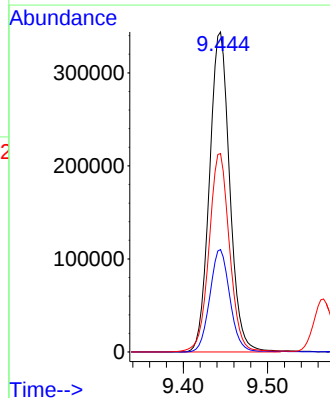
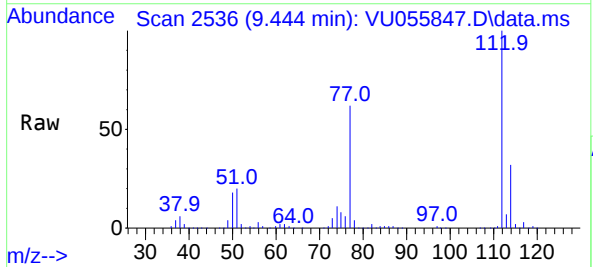
Ion	Ratio	Lower	Upper
107	100		
109	94.1	66.7	123.9
188	3.5	2.6	4.0

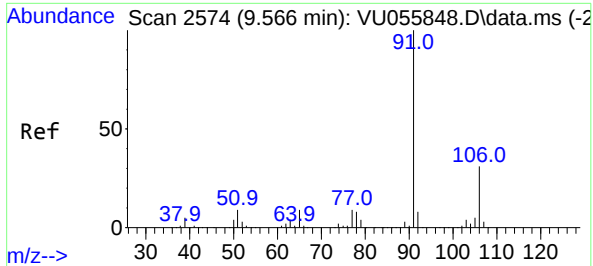


#51
Chlorobenzene
Concen: 53.140 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion:112 Resp: 573705

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	40.8
77	62.0	49.0	73.6

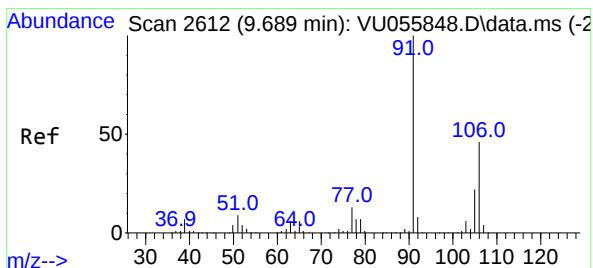
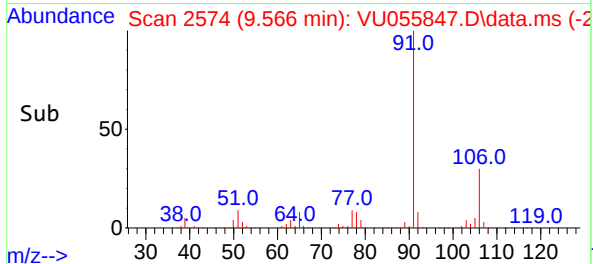
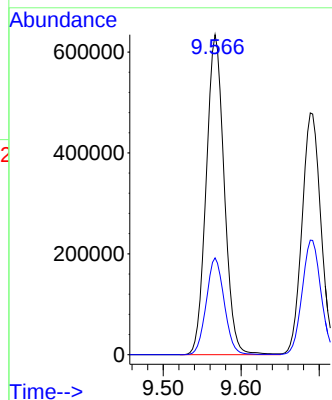
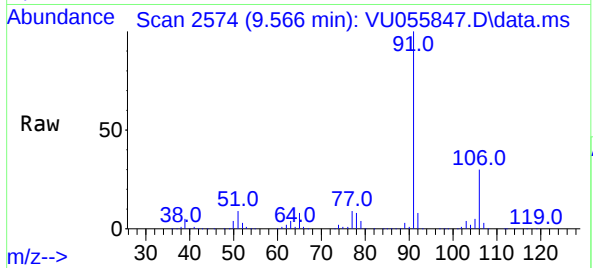




#52
Ethylbenzene
Concen: 55.707 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

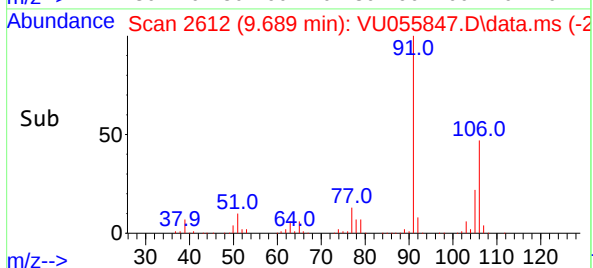
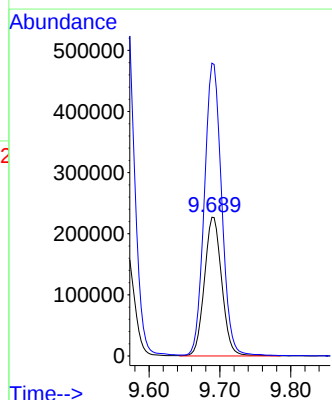
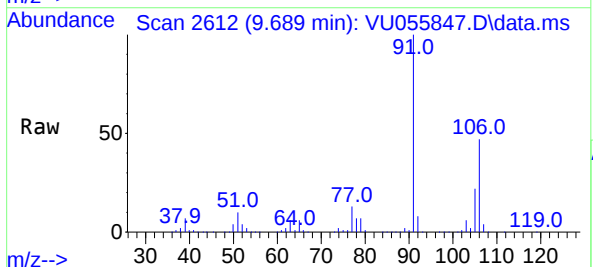
Instrument :
MSVOA_U
ClientSampleId :

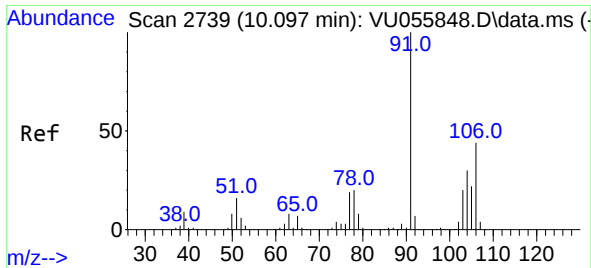
Tgt Ion: 91 Resp: 1016249
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 56.481 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion:106 Resp: 386015
Ion Ratio Lower Upper
106 100
91 211.0 143.8 267.0

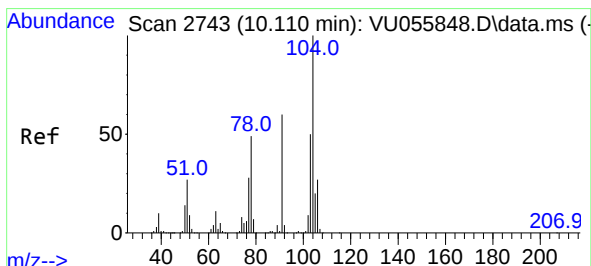
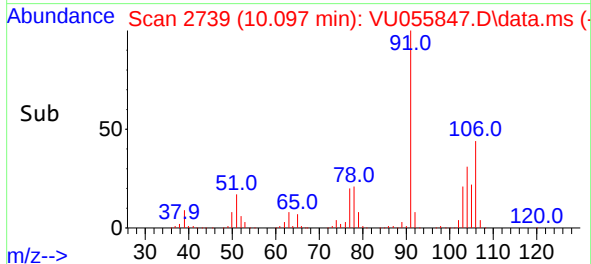
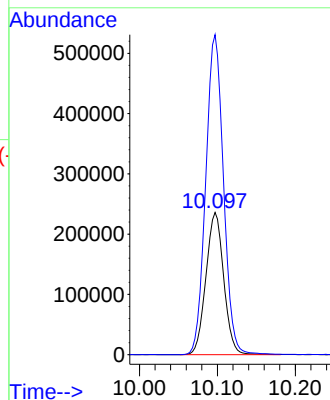
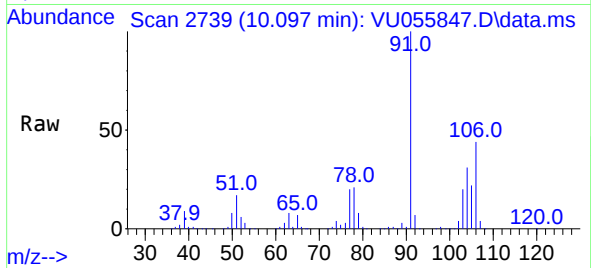




#54
o-Xylene
Concen: 56.633 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

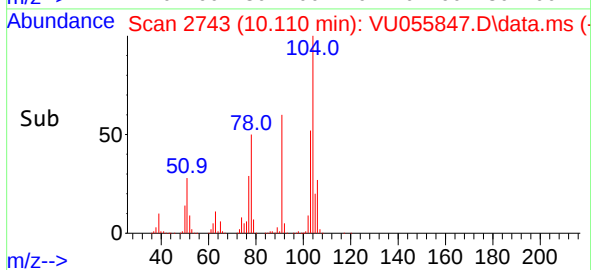
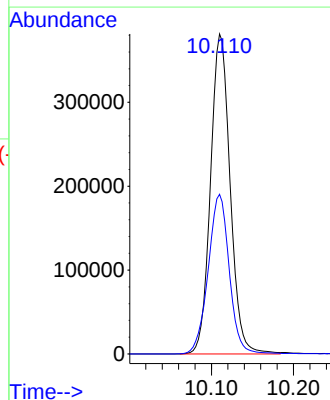
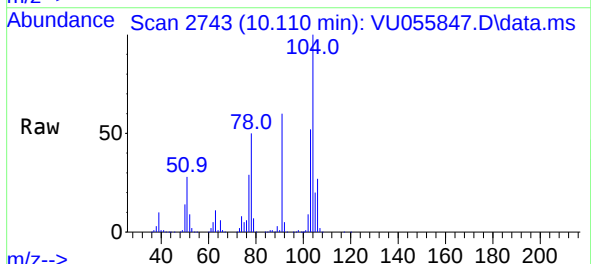
Instrument :
MSVOA_U
ClientSampleId :

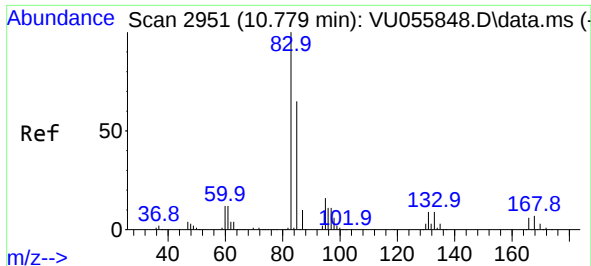
Tgt Ion:106 Resp: 374545
Ion Ratio Lower Upper
106 100
91 225.1 151.8 282.0



#55
Styrene
Concen: 56.782 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion:104 Resp: 636165
Ion Ratio Lower Upper
104 100
78 49.9 33.6 62.4

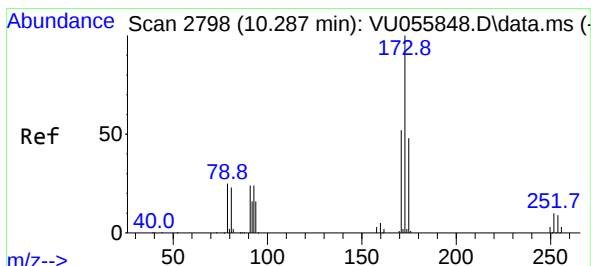
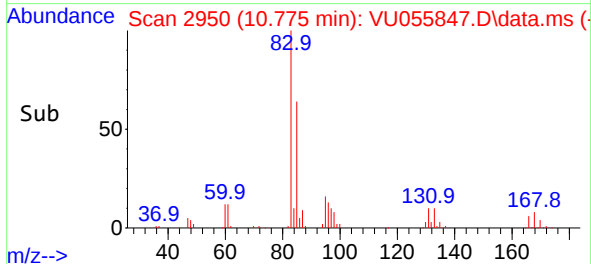
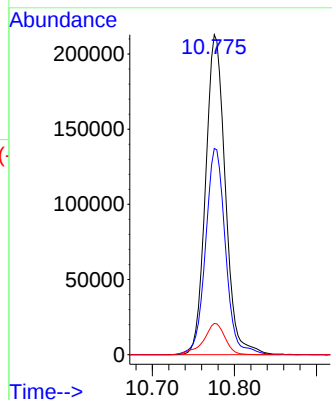
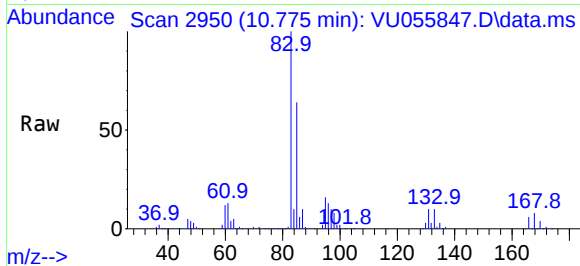




#57
1,1,2,2-Tetrachloroethane
Concen: 48.400 ug/L
RT: 10.775 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

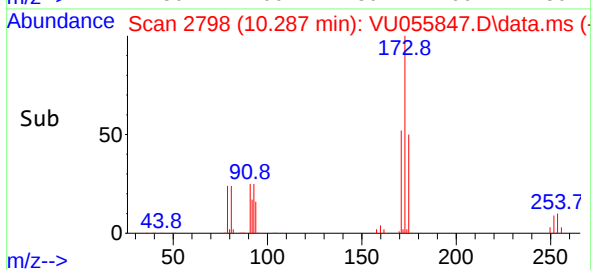
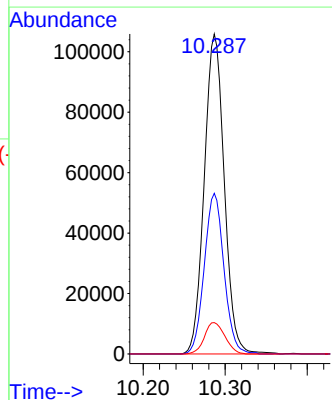
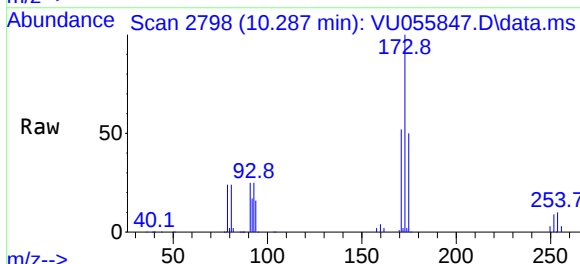
Instrument :
MSVOA_U
ClientSampleId :

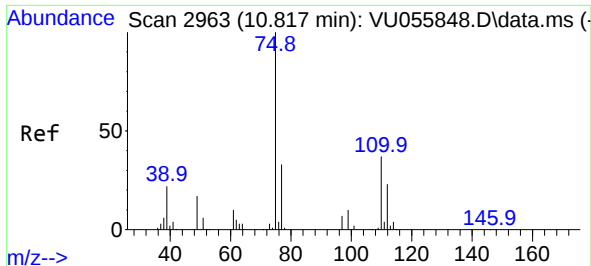
Tgt Ion: 83 Resp: 355843
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.5
131 9.8 7.3 10.9



#59
Bromoform
Concen: 54.414 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion:173 Resp: 179336
Ion Ratio Lower Upper
173 100
175 49.3 40.4 60.6
254 10.1 7.3 10.9

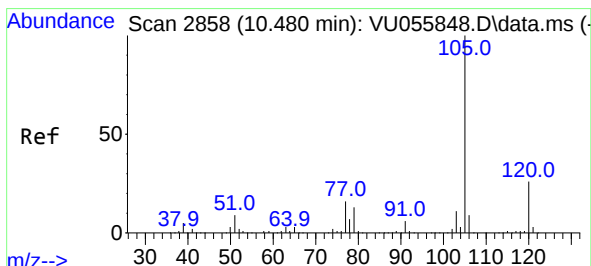
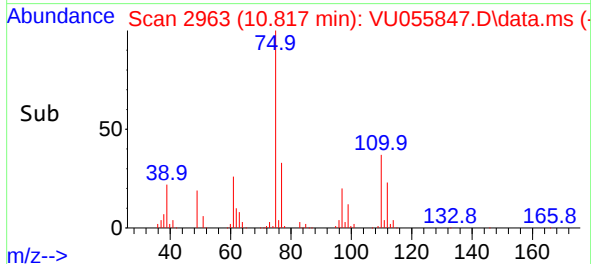
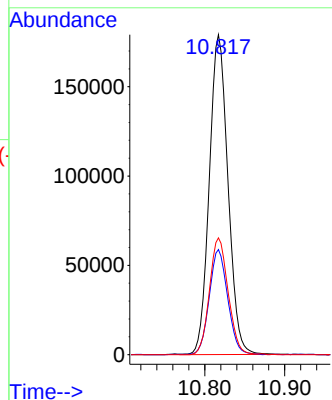
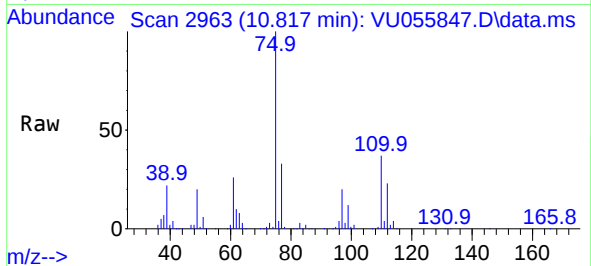




#60
1,2,3-Trichloropropane
Concen: 50.041 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

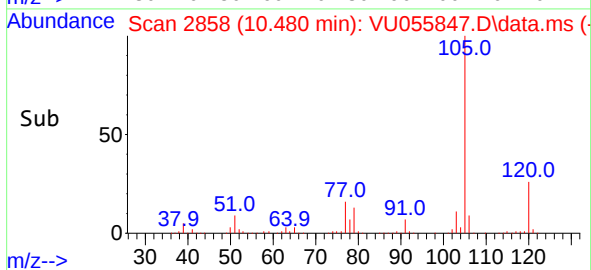
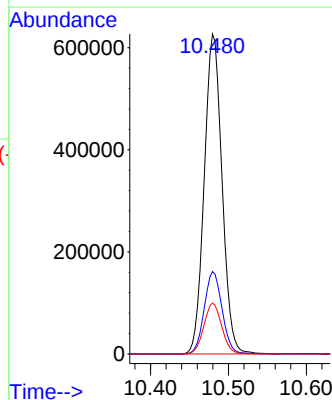
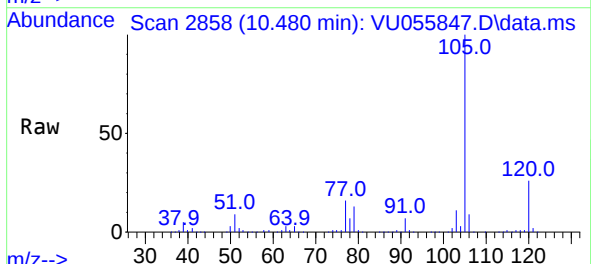
Instrument :
MSVOA_U
ClientSampleId :

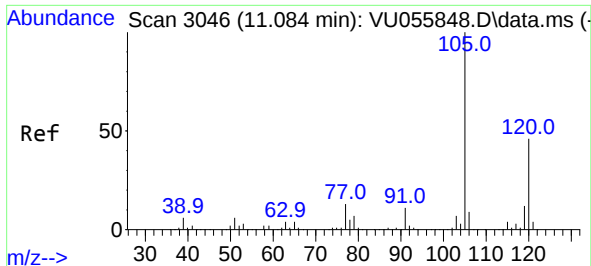
Tgt Ion: 75 Resp: 290764
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
110 36.5 28.5 42.7



#61
Isopropylbenzene
Concen: 59.584 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion: 105 Resp: 994493
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 15.9 13.4 20.0

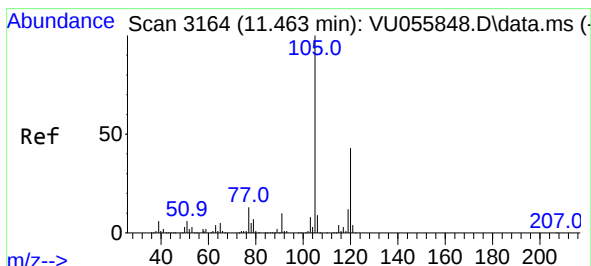
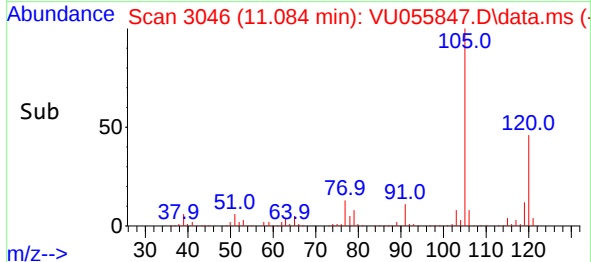
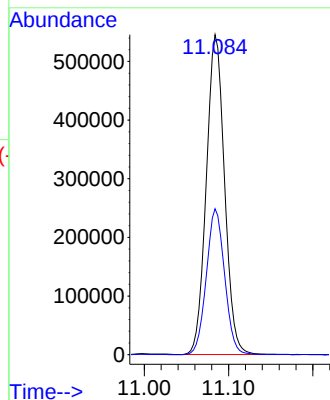
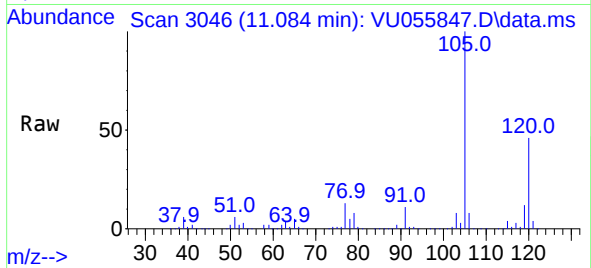




#62
1,3,5-Trimethylbenzene
Concen: 60.927 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

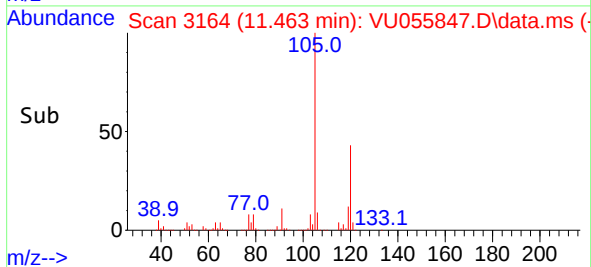
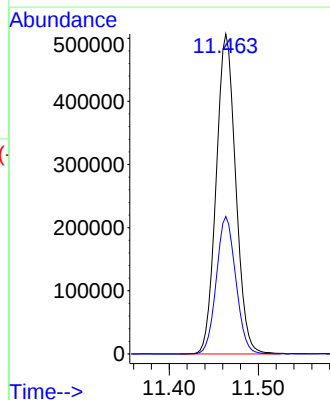
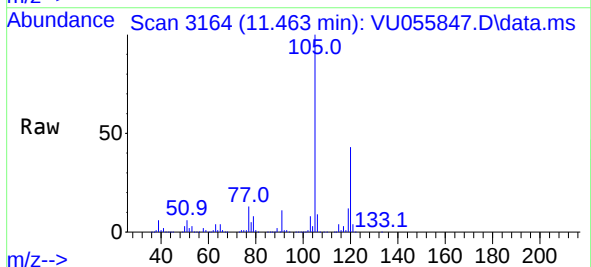
Instrument :
MSVOA_U
ClientSampleId :

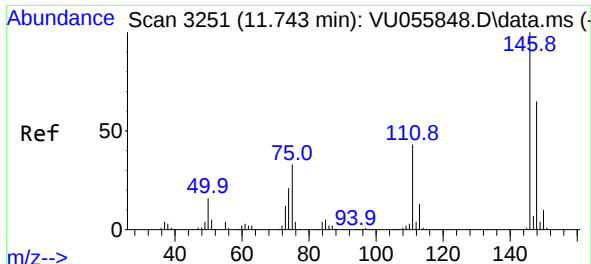
Tgt Ion:105 Resp: 822844
Ion Ratio Lower Upper
105 100
120 45.7 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 57.865 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion:105 Resp: 772751
Ion Ratio Lower Upper
105 100
120 42.6 35.0 52.4

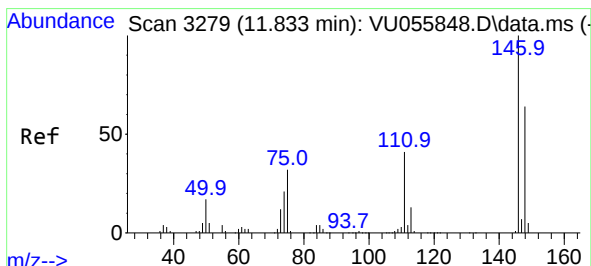
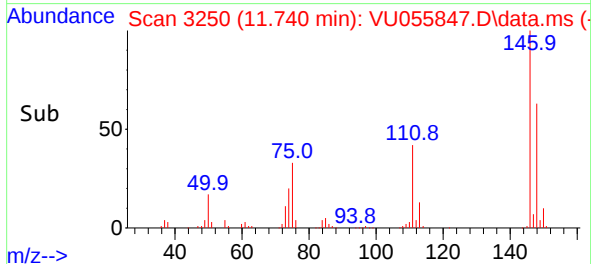
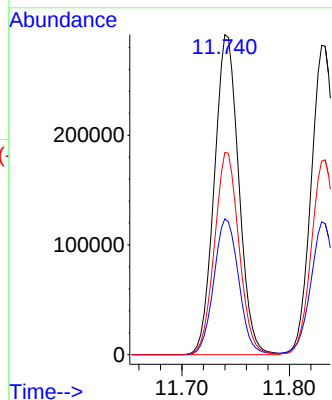
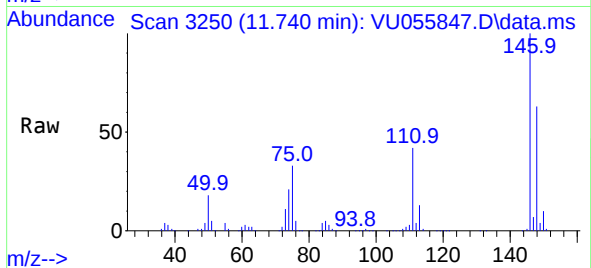




#64
1,3-Dichlorobenzene
Concen: 55.899 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

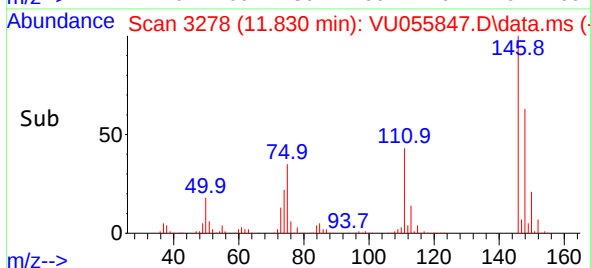
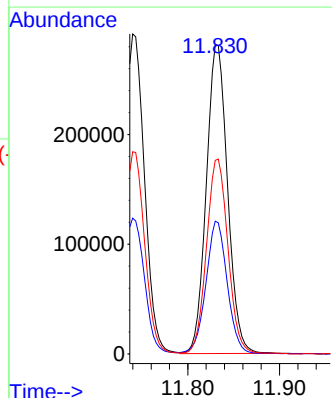
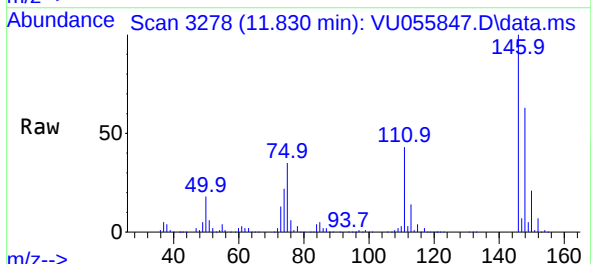
Instrument :
MSVOA_U
ClientSampleId :

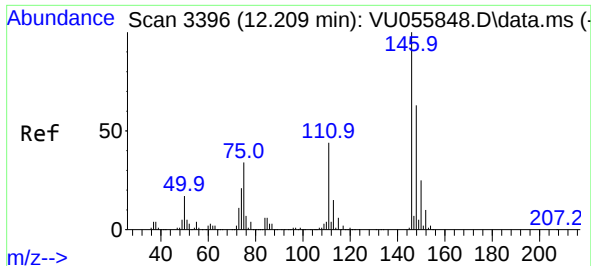
Tgt Ion:146 Resp: 461211
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 63.2 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 53.536 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion:146 Resp: 454140
Ion Ratio Lower Upper
146 100
111 42.9 28.6 53.0
148 62.6 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 56.965 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055847.D

Acq: 23 Oct 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

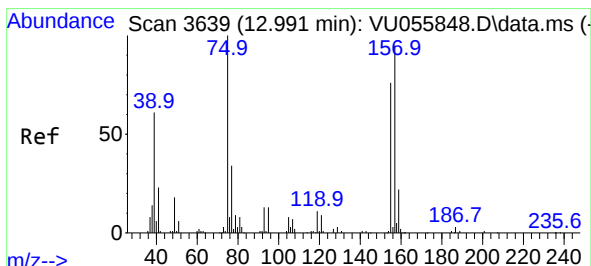
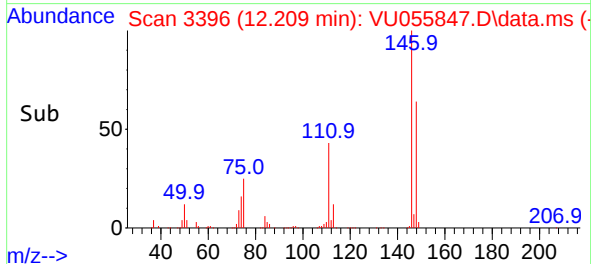
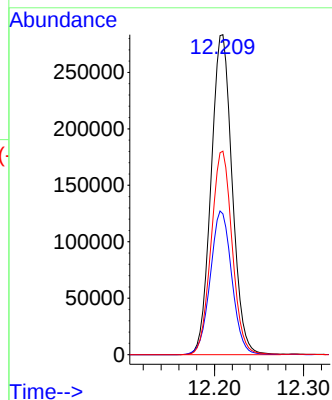
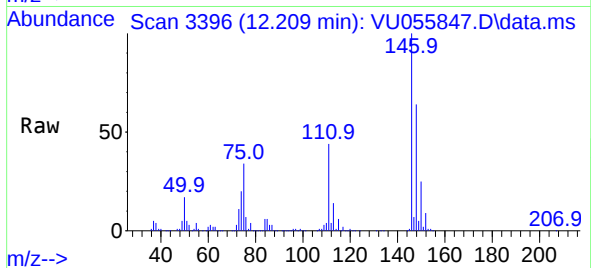
Tgt Ion:146 Resp: 466420

Ion Ratio Lower Upper

146 100

111 44.0 35.2 52.8

148 63.6 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 40.386 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU055847.D

Acq: 23 Oct 2023 09:12

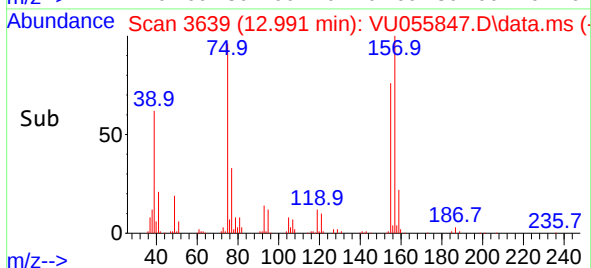
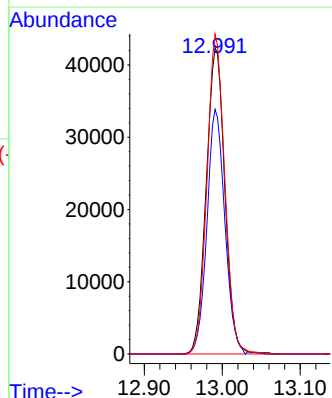
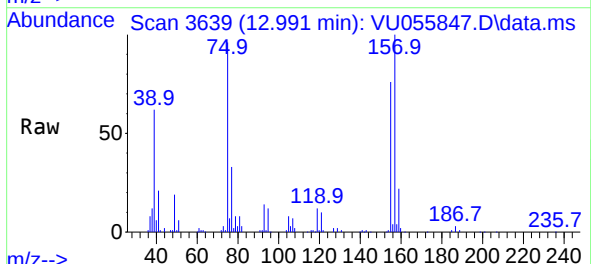
Tgt Ion: 75 Resp: 70155

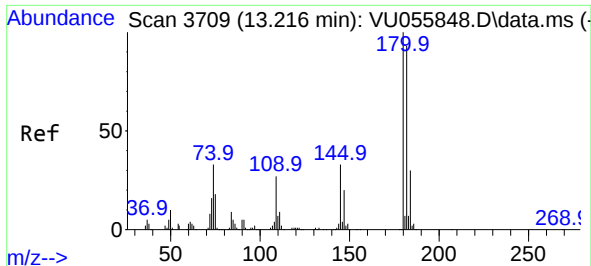
Ion Ratio Lower Upper

75 100

155 79.9 59.6 89.4

157 104.6 77.7 116.5



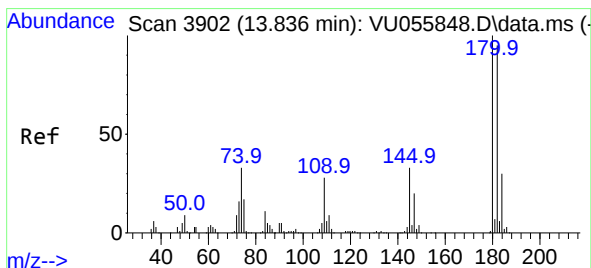
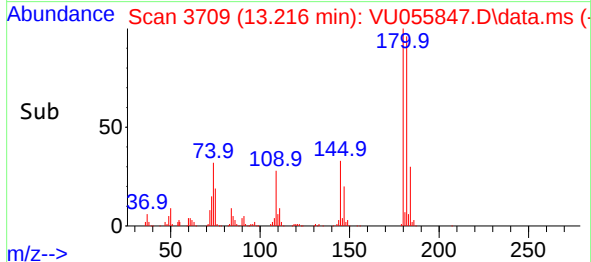
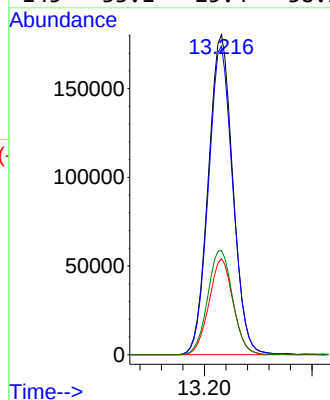
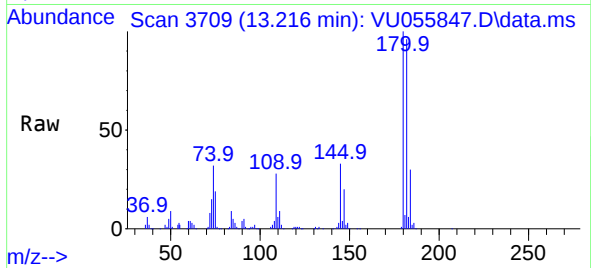


#69
1,3,5-Trichlorobenzene
Concen: 51.855 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. 0.000 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 285382

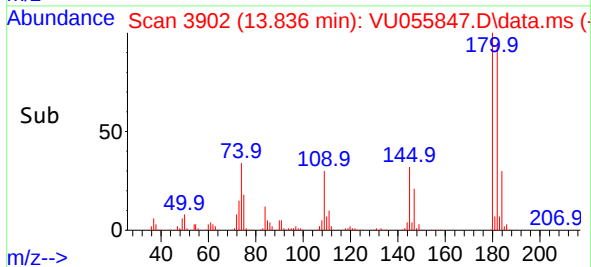
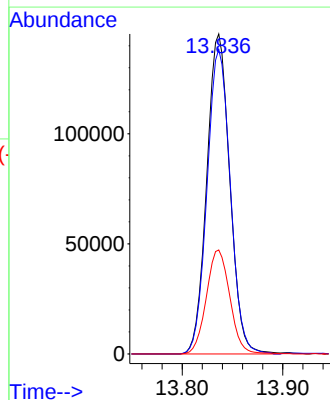
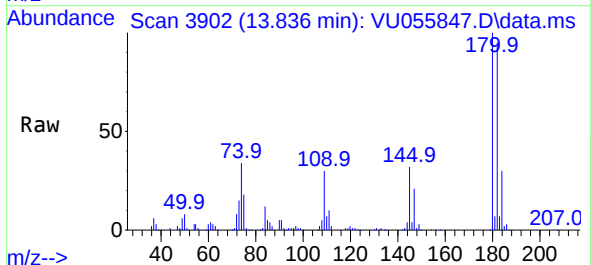
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.2
184	29.5	23.9	35.9
145	33.1	25.4	38.2

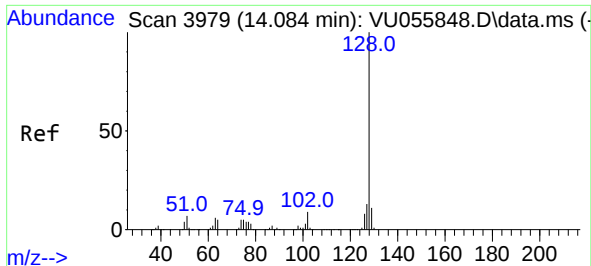


#70
1,2,4-trichlorobenzene
Concen: 50.465 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion:180 Resp: 231337

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.4	113.2
145	33.2	26.1	39.1



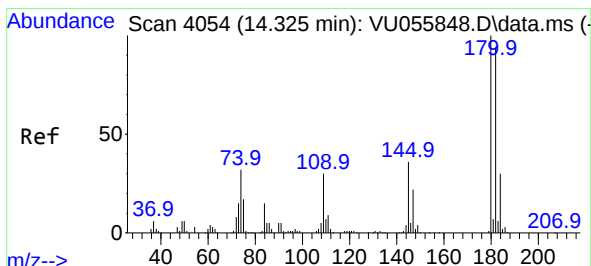
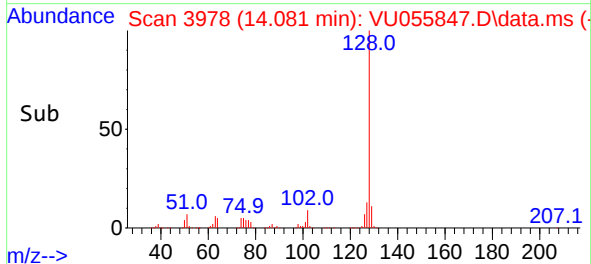
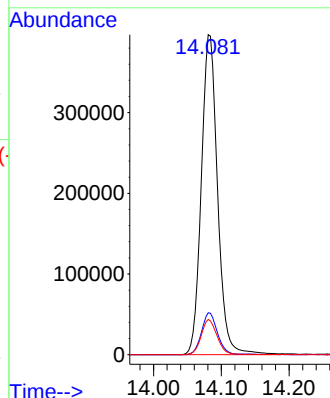
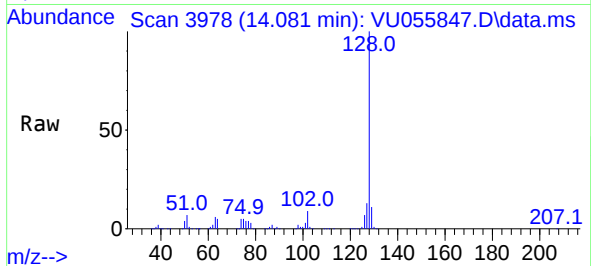


#71
Naphthalene
Concen: 48.456 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 659834

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.7	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.397 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VU055847.D
Acq: 23 Oct 2023 09:12

Tgt Ion:180 Resp: 232296

Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.1	117.1
145	34.4	27.4	41.0

