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 Data File : VU056964.D
 Acq On : 17 Dec 2023 10:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 00:30:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	210008	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	212749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67751	3.764	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.911	69	57658	4.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.563	65	31803	4.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.628	46	197198	55.471	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.940%
24) Chloroform-d	5.058	84	170050	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.695	65	75353	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.721	84	284994	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.685	67	96339	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.894	98	263306	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.177	79	35013	4.371	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.631	63	164217	54.359	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73045	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	88022	4.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	114180	5.189	ug/L	97
3) Chloromethane	1.515	50	123052	5.687	ug/L	96
5) Vinyl chloride	1.602	62	120482	5.607	ug/L	98
6) Bromomethane	1.853	94	58326	4.604	ug/L	98
8) Chloroethane	1.930	64	68197	5.418	ug/L	97
9) Trichlorofluoromethane	2.132	101	172376	5.692	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	102620	5.525	ug/L	98
12) 1,1-Dichloroethene	2.576	96	96888	5.683	ug/L	84
13) Acetone	2.637	43	124403	57.422	ug/L	97
14) Carbon disulfide	2.788	76	298136	5.040	ug/L	99
15) Methyl Acetate	2.952	43	35117	5.955	ug/L	93
16) Methylene chloride	3.039	84	107047	5.763	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	209236	5.535	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	96607	5.588	ug/L	95
19) 1,1-Dichloroethane	3.859	63	192438	5.787	ug/L	99
21) 2-Butanone	4.705	43	201624	55.187	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	103879	5.524	ug/L	97
23) Bromochloromethane	4.968	128	46432	5.897	ug/L	99
25) Chloroform	5.081	83	201494	5.784	ug/L	99

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

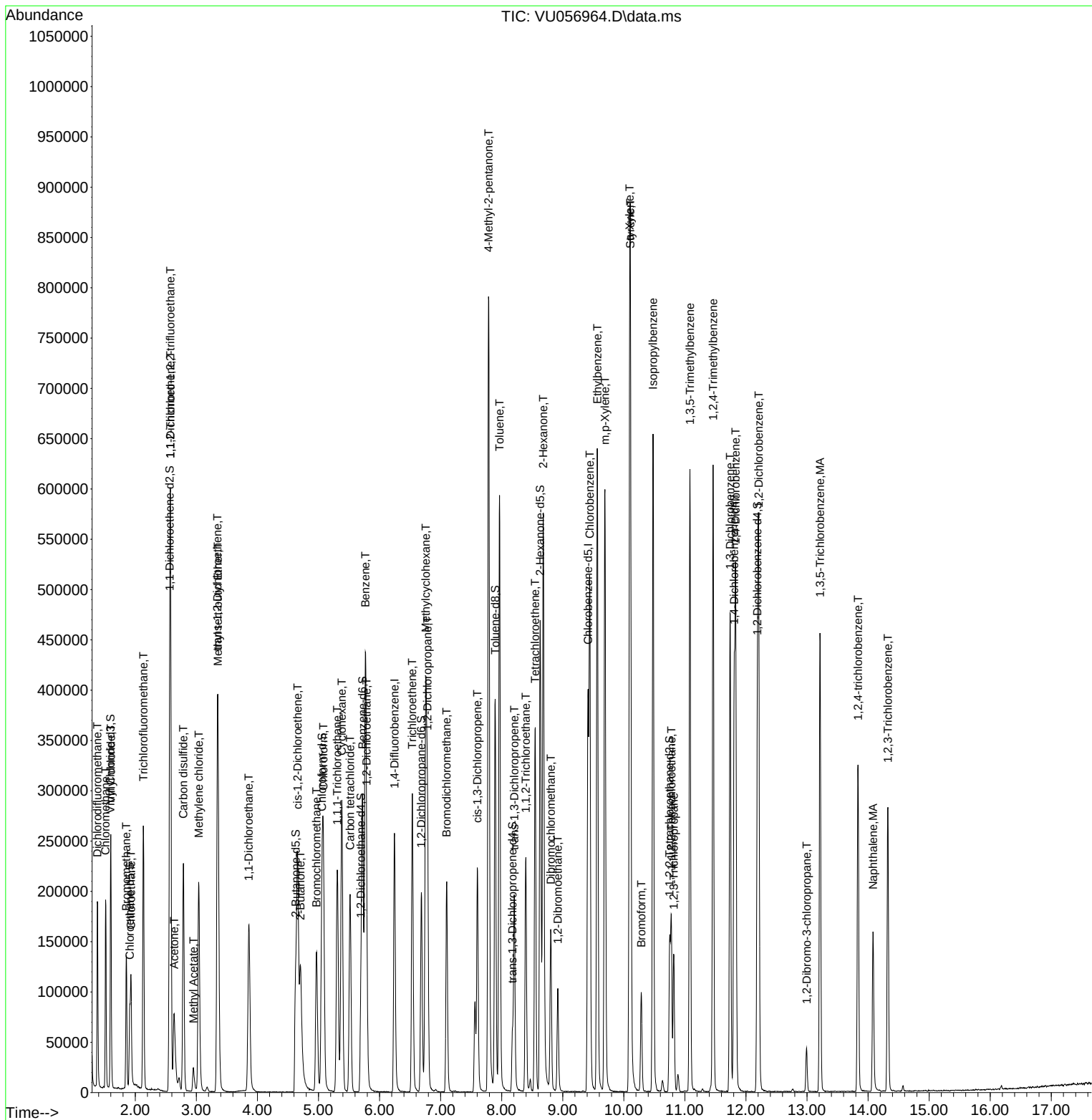
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 ClientSampleId :

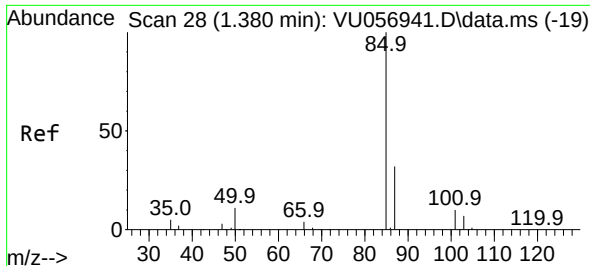
Quant Time: Dec 18 00:30:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	107569	5.222	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	166785	5.423	ug/L	99
30) Cyclohexane	5.383	56	140113	4.854	ug/L	99
31) Carbon tetrachloride	5.518	117	140018	5.238	ug/L	100
33) Benzene	5.769	78	390757	5.226	ug/L	100
34) Trichloroethene	6.537	95	105857	5.161	ug/L	96
35) Methylcyclohexane	6.759	83	146541	4.842	ug/L	99
37) 1,2-Dichloropropane	6.785	63	109956	5.749	ug/L	100
38) Bromodichloromethane	7.100	83	138469	5.677	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	140701	5.047	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	517902	57.025	ug/L	99
42) Toluene	7.965	91	441257	5.704	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	116084	5.081	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	74566	5.767	ug/L	98
47) Tetrachloroethene	8.550	164	77565	5.404	ug/L	92
48) 2-Hexanone	8.682	43	371898	57.495	ug/L	99
49) Dibromochloromethane	8.804	129	83213	5.599	ug/L	98
50) 1,2-Dibromoethane	8.920	107	68033	5.669	ug/L	98
51) Chlorobenzene	9.444	112	272872	5.534	ug/L	97
52) Ethylbenzene	9.566	91	458492	5.373	ug/L	99
53) m,p-Xylene	9.692	106	171406	5.391	ug/L	96
54) o-Xylene	10.097	106	157779	5.209	ug/L	96
55) Styrene	10.110	104	276839	5.566	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	86454	5.534	ug/L	95
59) Bromoform	10.286	173	44492	5.394	ug/L	98
60) Isopropylbenzene	10.479	105	422482	5.293	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	57828	5.331	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	332016	5.090	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	337462	5.209	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	192745	5.105	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	192303	5.173	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	201203	5.850	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12489	5.767	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	139130	4.877	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	98126	4.343	ug/L	97
71) Naphthalene	14.084	128	133547	4.039	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	86054	4.487	ug/L	98

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

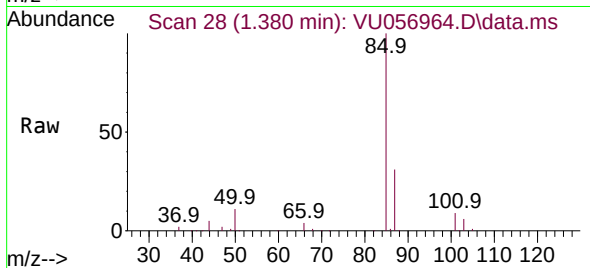
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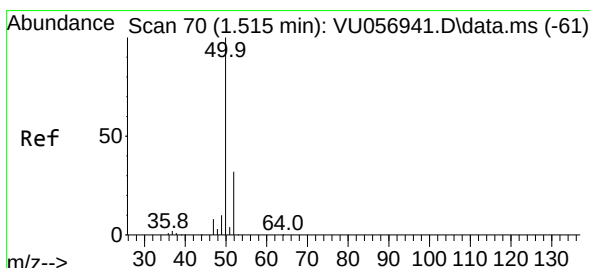
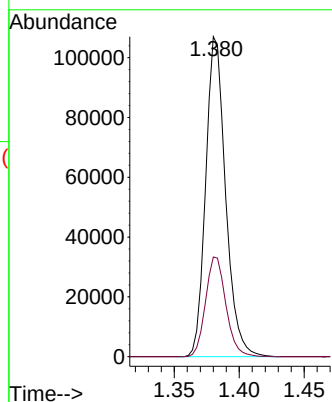
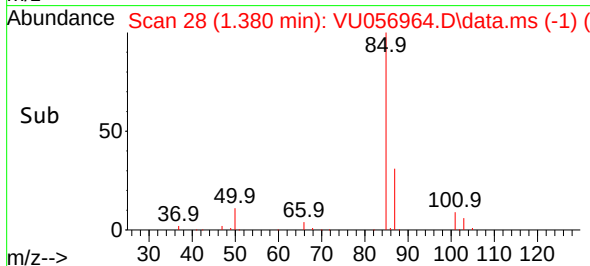


#2
 Dichlorodifluoromethane
 Concen: 5.189 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

Instrument :
 MSVOA_U
 ClientSampleId :

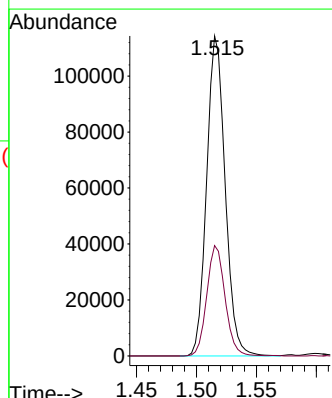
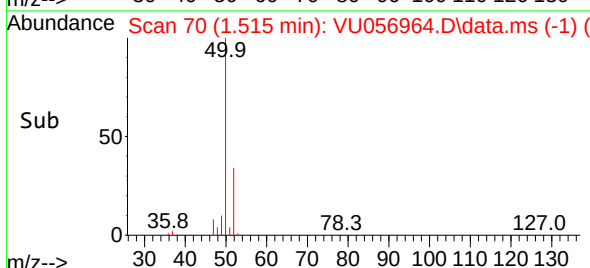
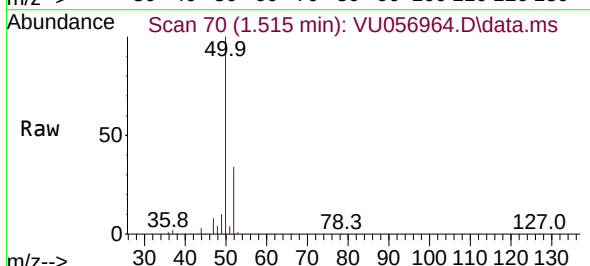


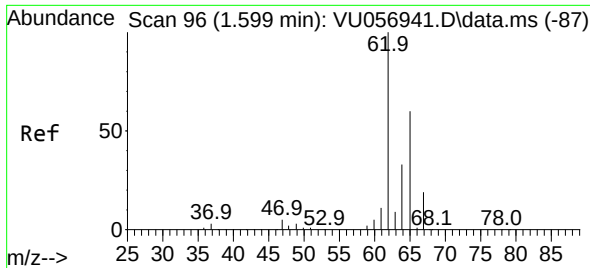
Tgt Ion: 85 Resp: 114180
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.8 40.2



#3
 Chloromethane
 Concen: 5.687 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

Tgt Ion: 50 Resp: 123052
 Ion Ratio Lower Upper
 50 100
 52 34.5 22.5 41.7

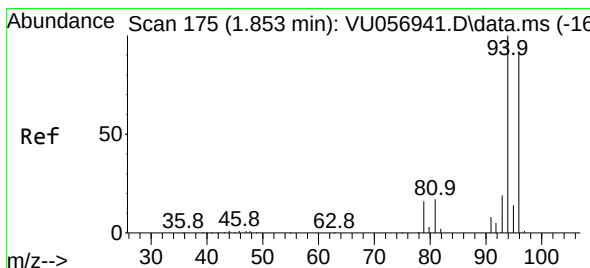
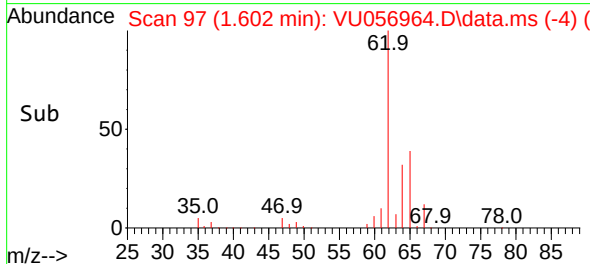
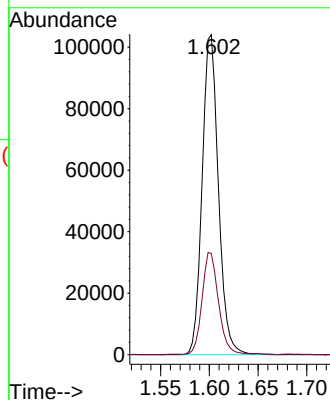
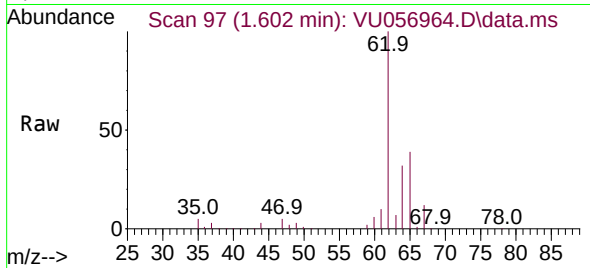




#5
 Vinyl chloride
 Concen: 5.607 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

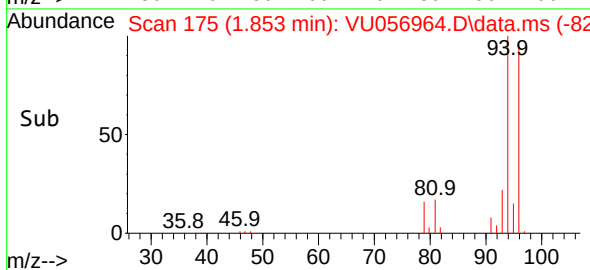
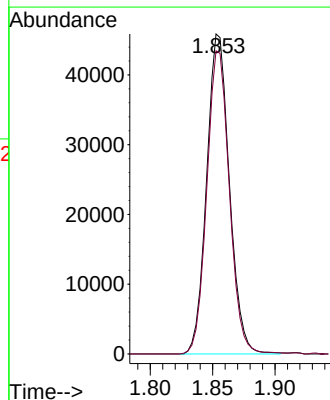
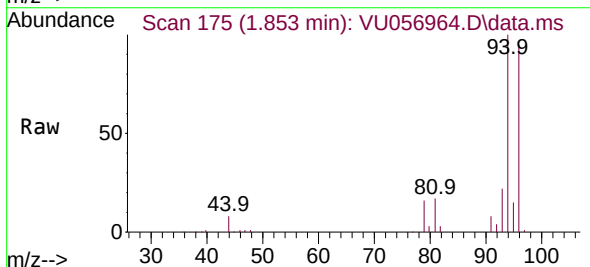
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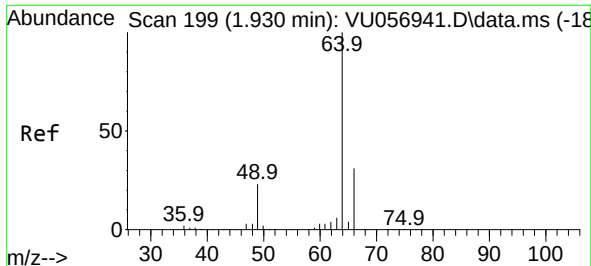
Tgt Ion: 62 Resp: 120482
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.8 42.4



#6
 Bromomethane
 Concen: 4.604 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

Tgt Ion: 94 Resp: 58326
 Ion Ratio Lower Upper
 94 100
 96 94.8 67.8 125.8

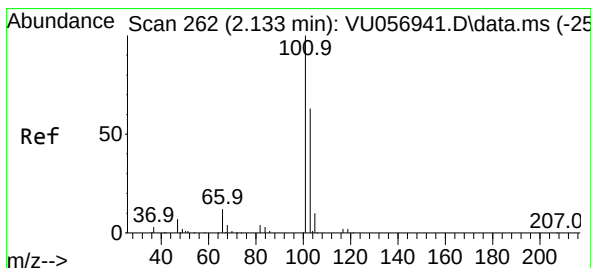
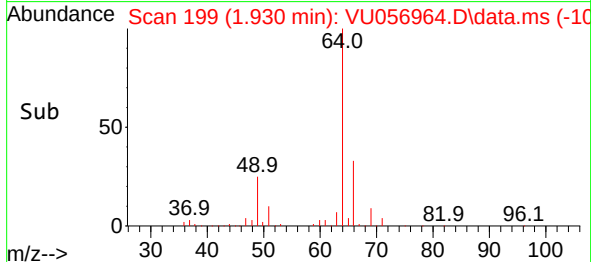
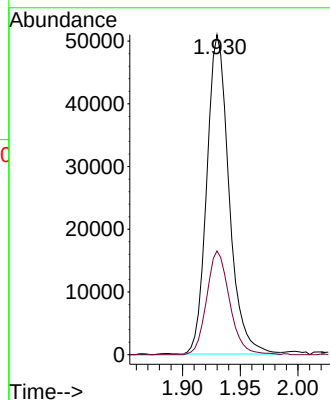
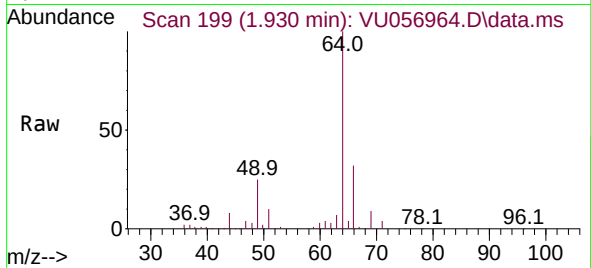




#8
Chloroethane
Concen: 5.418 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

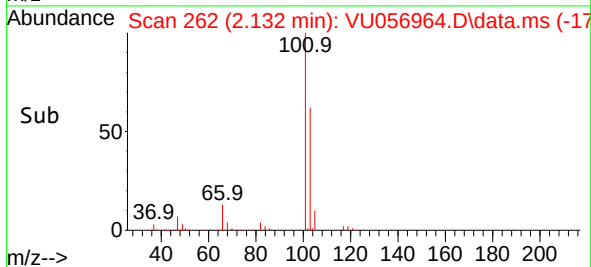
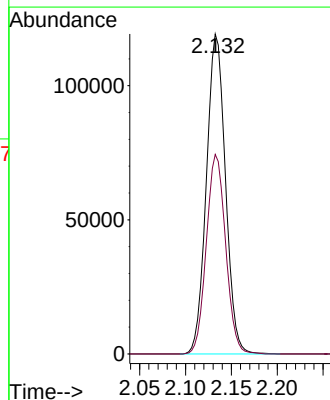
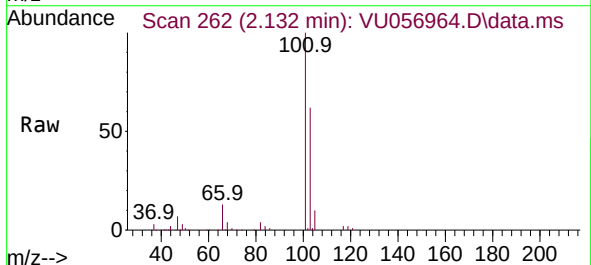
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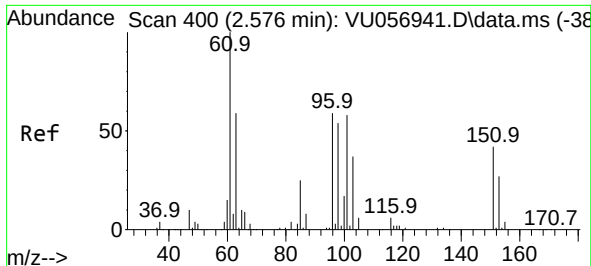
Tgt Ion: 64 Resp: 68197
Ion Ratio Lower Upper
64 100
66 32.4 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.692 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion:101 Resp: 172376
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

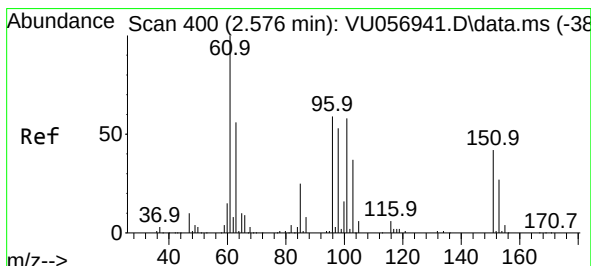
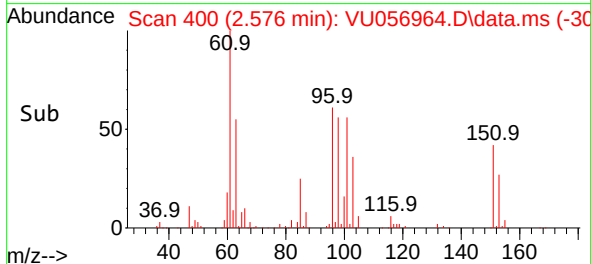
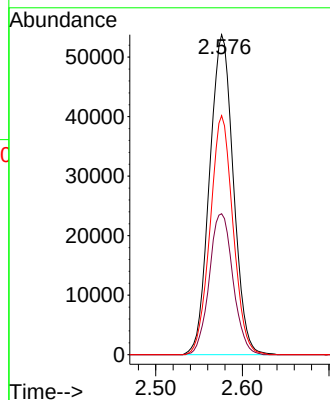
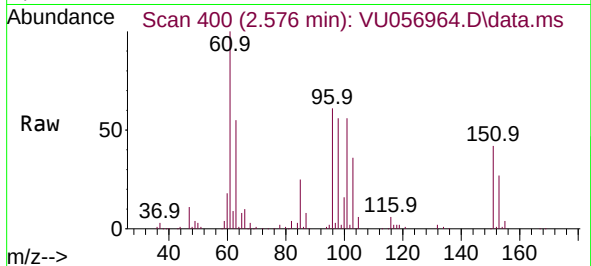




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.525 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

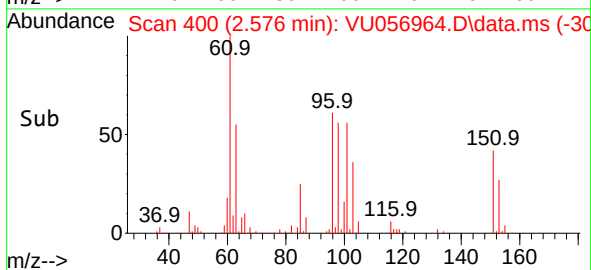
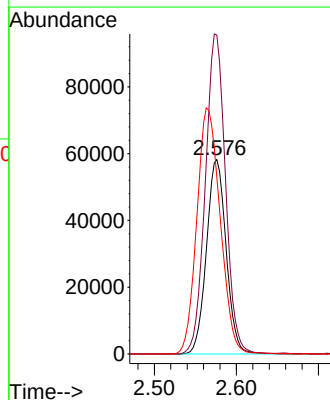
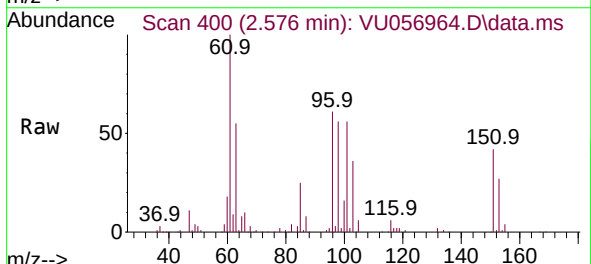
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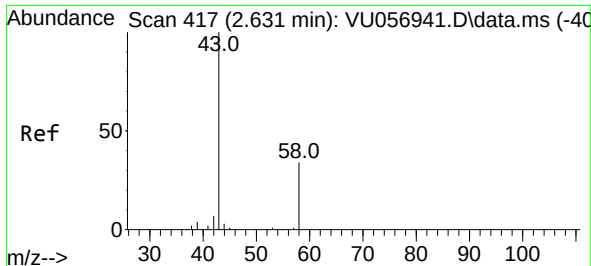
Tgt Ion:101 Resp: 102620
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.2 52.8
 151 72.1 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.683 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

Tgt Ion: 96 Resp: 96888
 Ion Ratio Lower Upper
 96 100
 61 164.0 119.0 221.0
 63 90.9 88.7 164.7





#13

Acetone

Concen: 57.422 ug/L

RT: 2.637 min Scan# 417

Delta R.T. 0.010 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

Instrument :

MSVOA_U

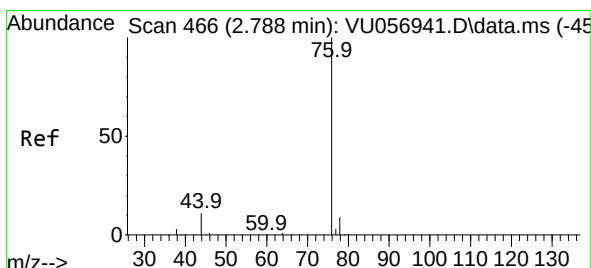
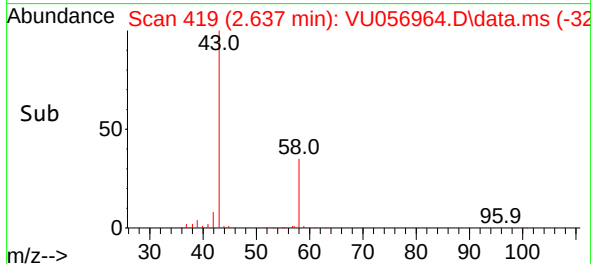
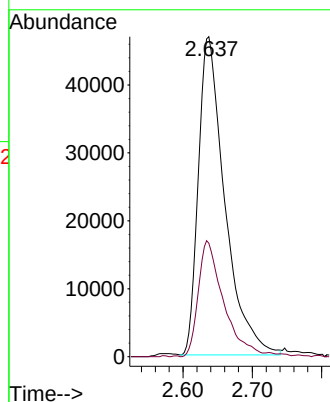
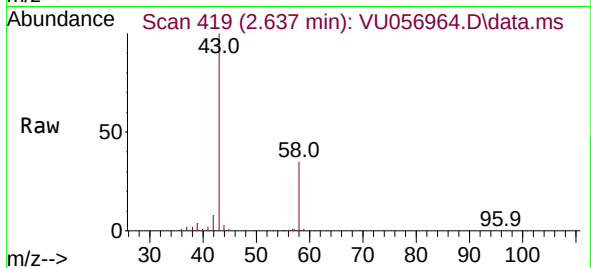
ClientSampleId :

Tgt Ion: 43 Resp: 124403

Ion Ratio Lower Upper

43 100

58 34.6 0.0 72.6



#14

Carbon disulfide

Concen: 5.040 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056964.D

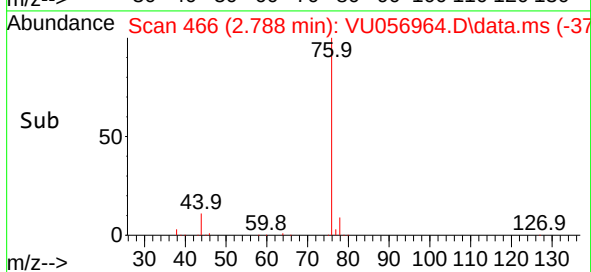
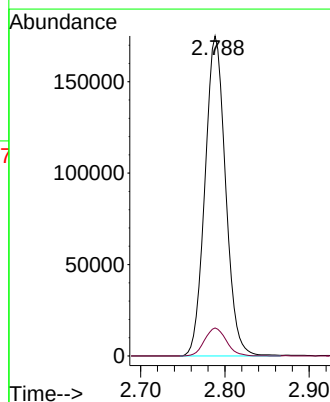
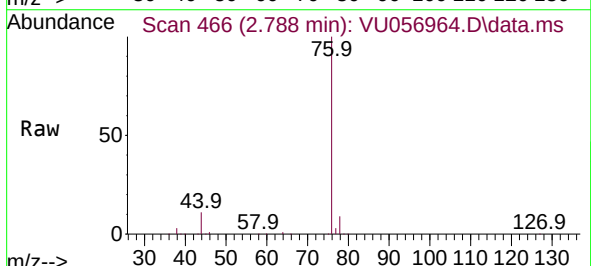
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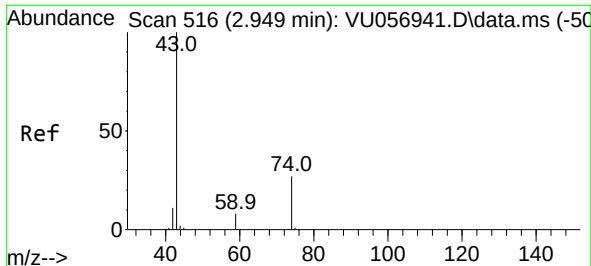
Tgt Ion: 76 Resp: 298136

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

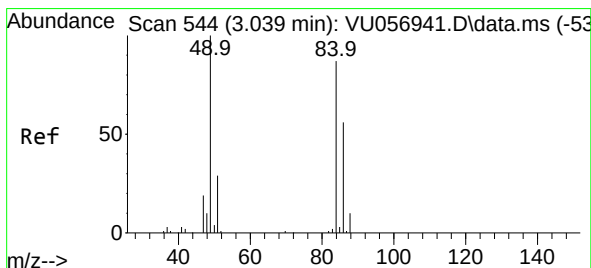
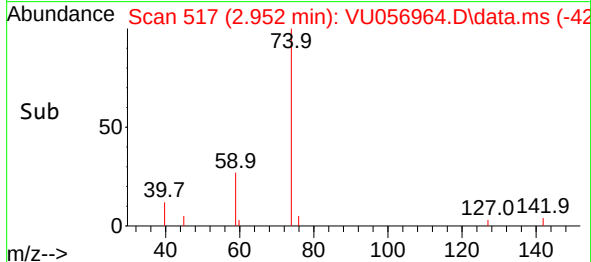
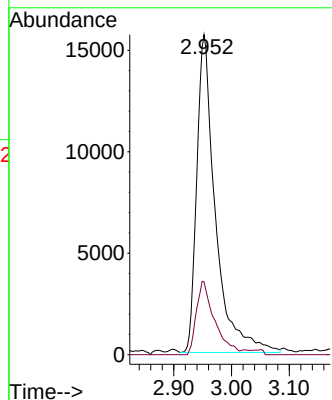
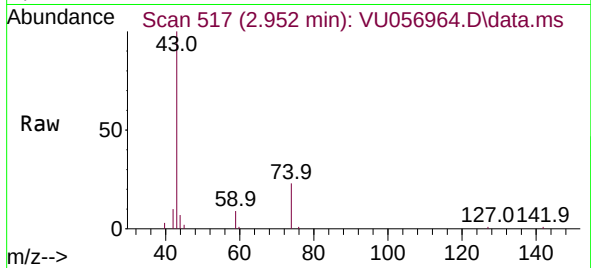




#15
Methyl Acetate
Concen: 5.955 ug/L
RT: 2.952 min Scan# 516
Delta R.T. 0.006 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

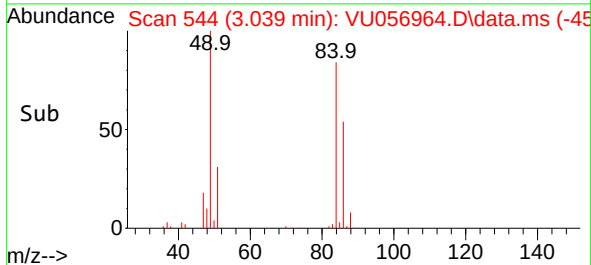
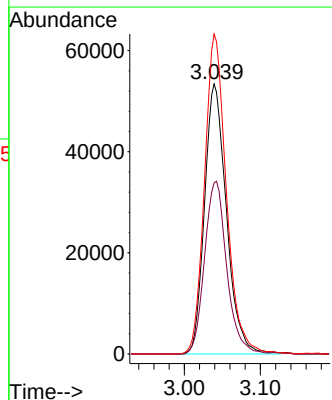
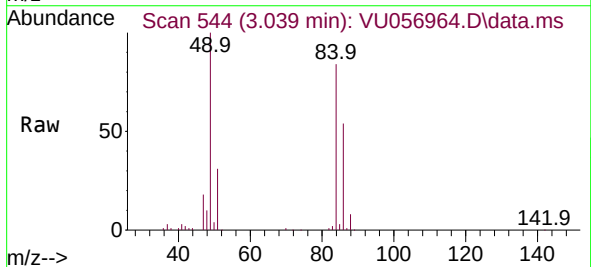
Instrument :
MSVOA_U
ClientSampleId :

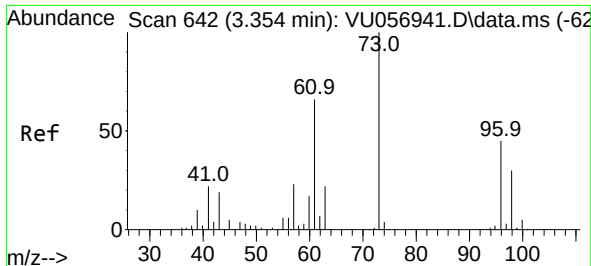
Tgt Ion: 43 Resp: 35117
Ion Ratio Lower Upper
43 100
74 22.5 21.0 31.6



#16
Methylene chloride
Concen: 5.763 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion: 84 Resp: 107047
Ion Ratio Lower Upper
84 100
86 63.4 43.6 81.0
49 118.5 80.6 149.6

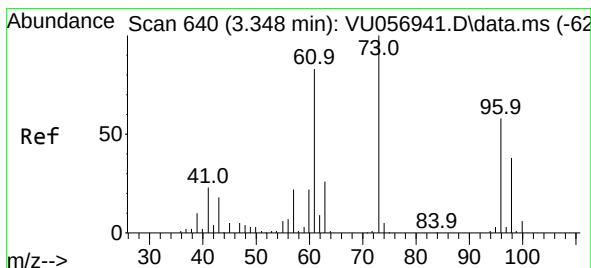
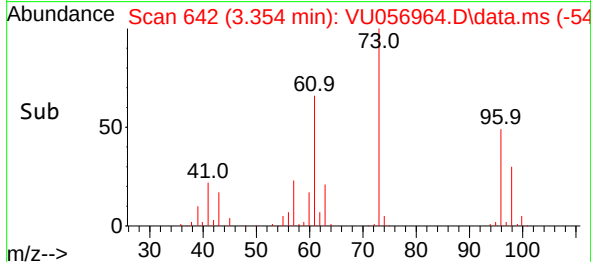
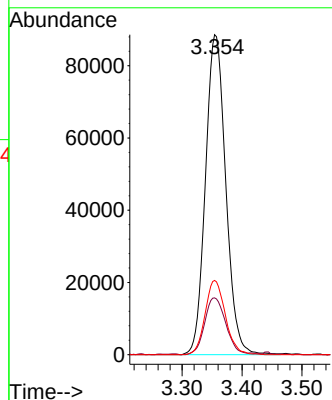
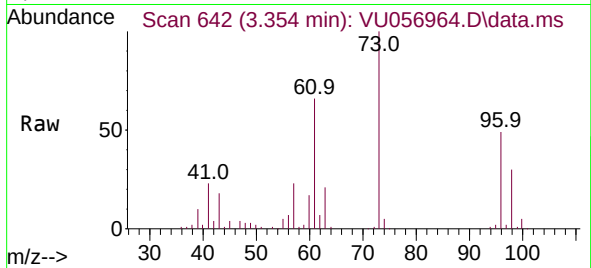




#17
Methyl tert-butyl Ether
Concen: 5.535 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

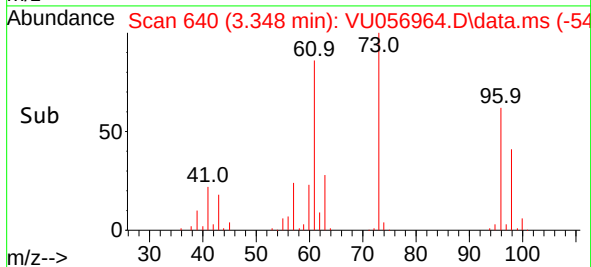
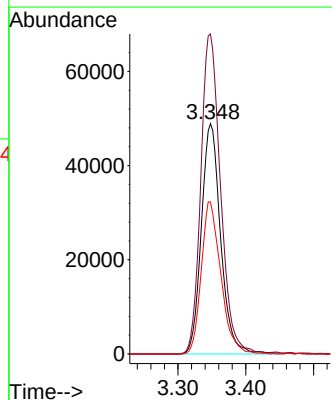
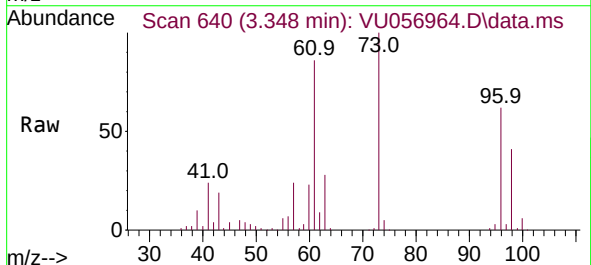
Instrument :
MSVOA_U
ClientSampleId :

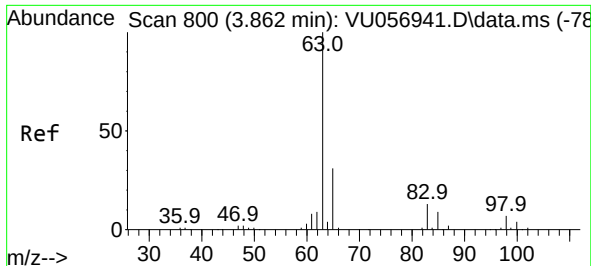
Tgt Ion: 73 Resp: 209236
Ion Ratio Lower Upper
73 100
43 18.5 14.4 21.6
57 23.1 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.588 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion: 96 Resp: 96607
Ion Ratio Lower Upper
96 100
61 138.9 101.8 189.0
98 65.9 43.0 79.8

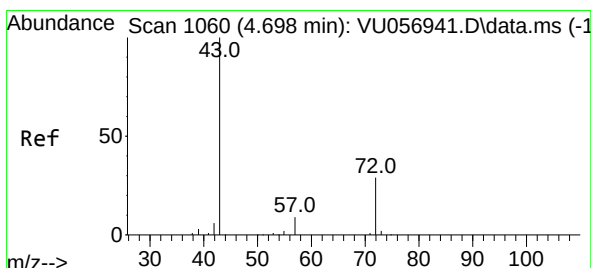
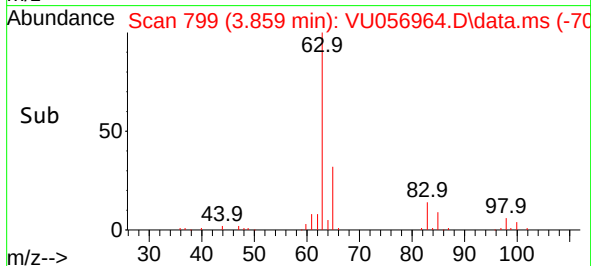
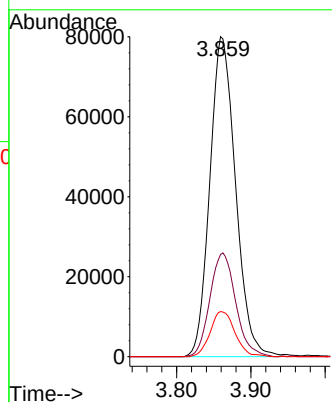
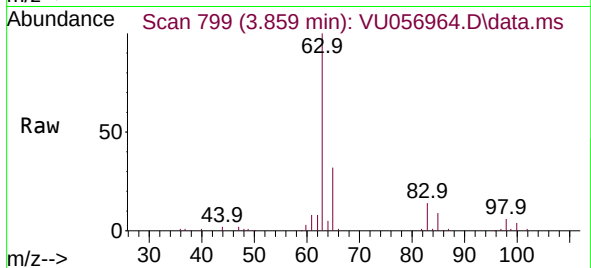




#19
1,1-Dichloroethane
Concen: 5.787 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

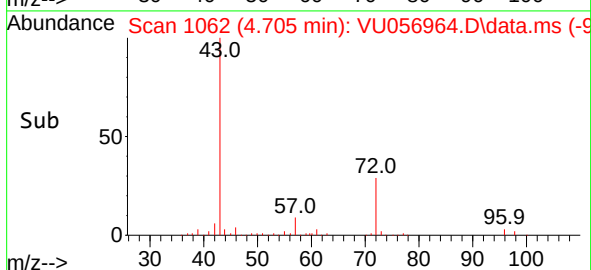
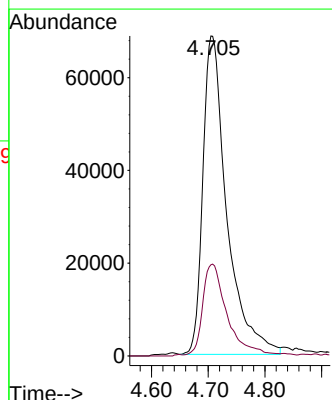
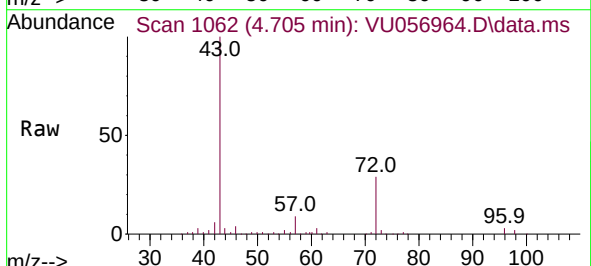
Instrument :
MSVOA_U
ClientSampleId :

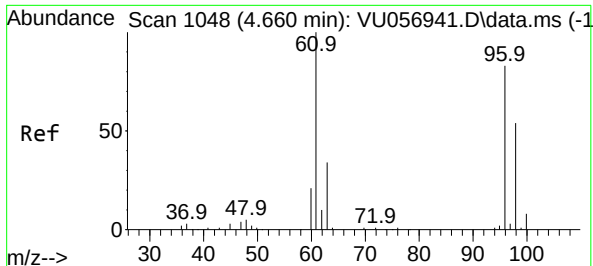
Tgt Ion: 63 Resp: 192438
Ion Ratio Lower Upper
63 100
65 31.9 22.9 42.5
83 14.1 10.1 18.9



#21
2-Butanone
Concen: 55.187 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion: 43 Resp: 201624
Ion Ratio Lower Upper
43 100
72 28.4 14.6 43.8

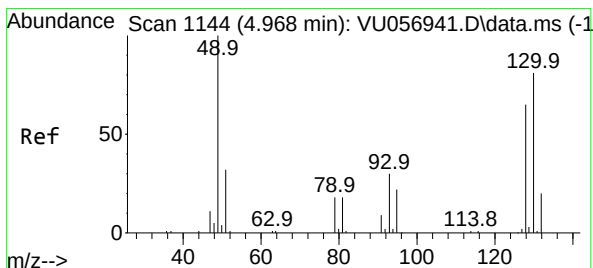
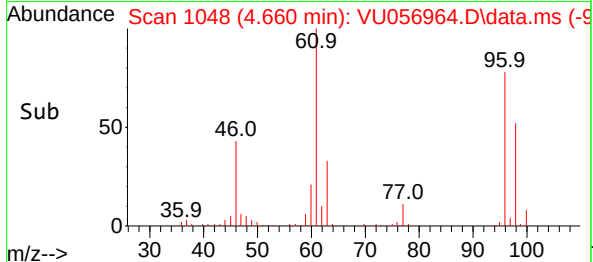
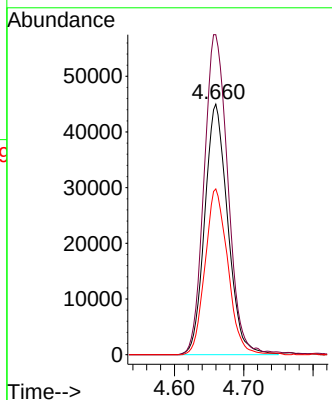
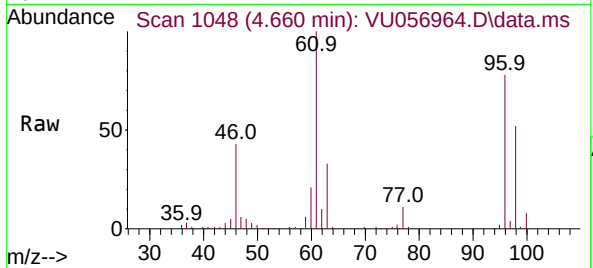




#22
 cis-1,2-Dichloroethene
 Concen: 5.524 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

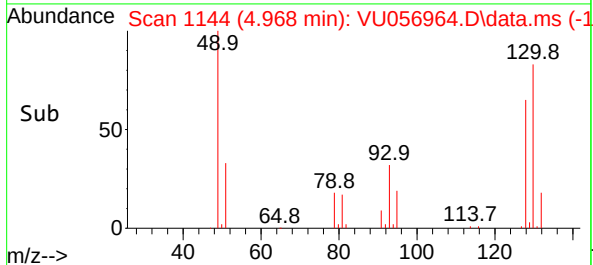
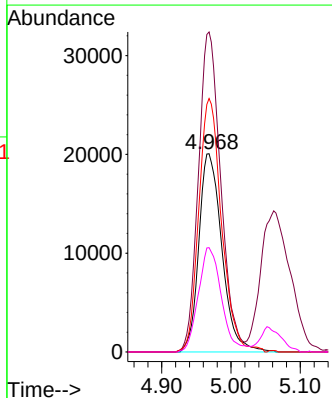
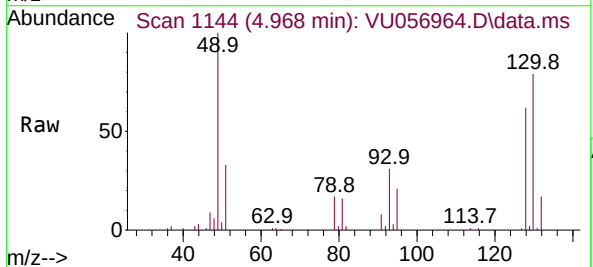
Instrument :
 MSVOA_U
 ClientSampleId :

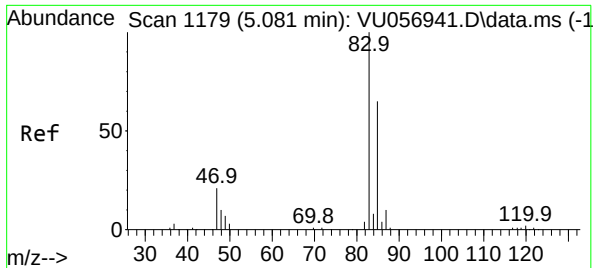
Tgt Ion: 96 Resp: 103879
 Ion Ratio Lower Upper
 96 100
 61 127.7 91.3 169.6
 98 66.1 44.2 82.0



#23
 Bromochloromethane
 Concen: 5.897 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

Tgt Ion:128 Resp: 46432
 Ion Ratio Lower Upper
 128 100
 49 161.4 113.8 211.3
 130 127.8 90.6 168.3
 51 52.6 43.7 65.5





#25

Chloroform

Concen: 5.784 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

Instrument :

MSVOA_U

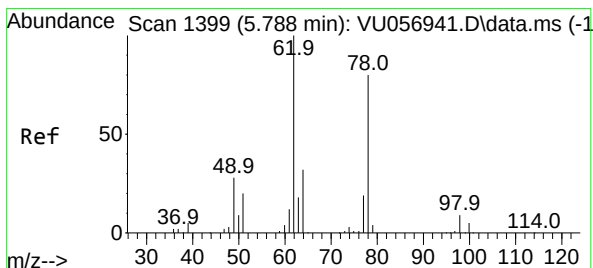
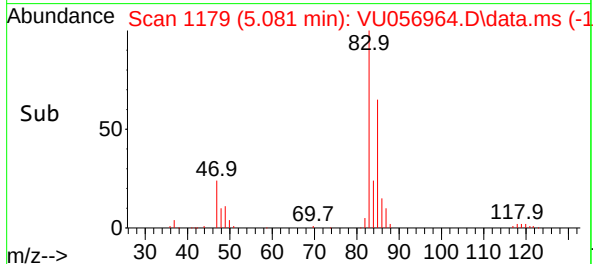
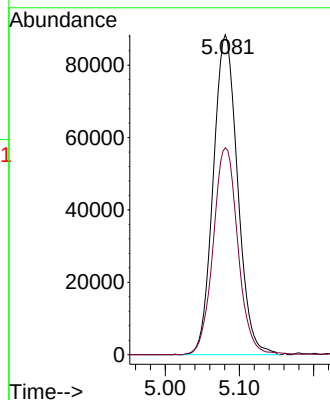
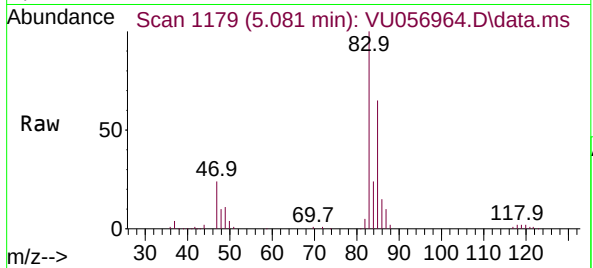
ClientSampleId :

Tgt Ion: 83 Resp: 201494

Ion Ratio Lower Upper

83 100

85 64.7 45.8 85.0



#27

1,2-Dichloroethane

Concen: 5.222 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056964.D

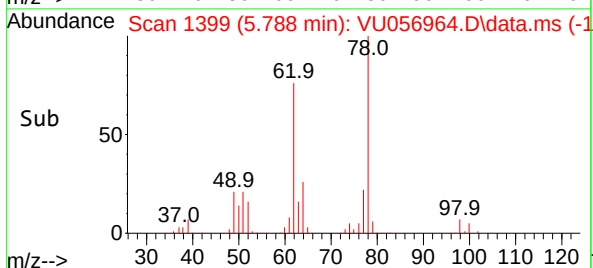
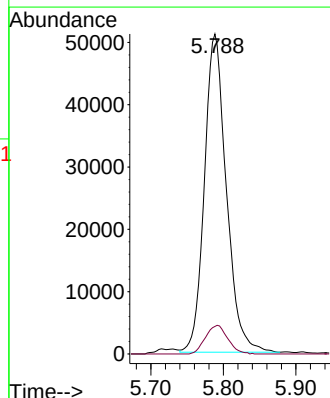
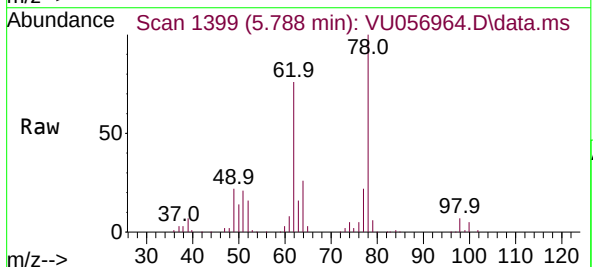
Acq: 17 Dec 2023 10:24

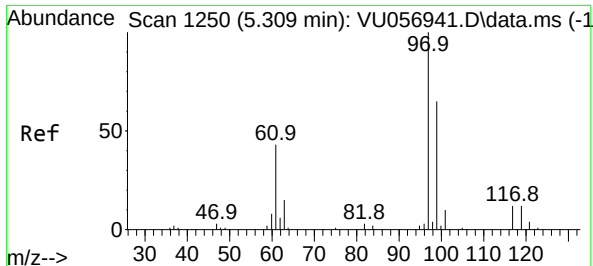
Tgt Ion: 62 Resp: 107569

Ion Ratio Lower Upper

62 100

98 8.6 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 5.423 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

Instrument :

MSVOA_U

ClientSampleId :

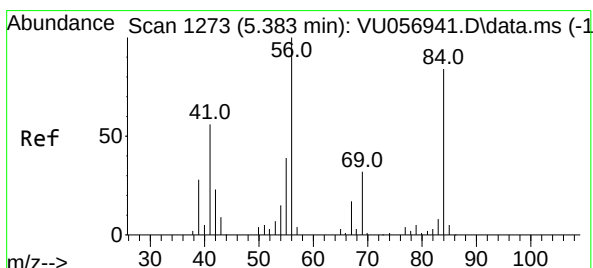
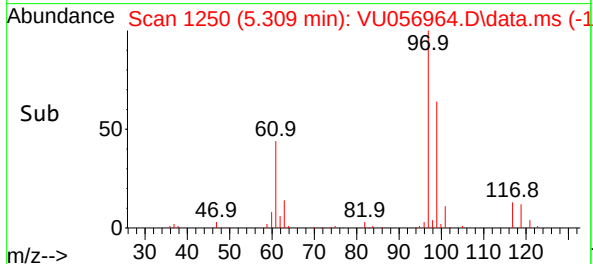
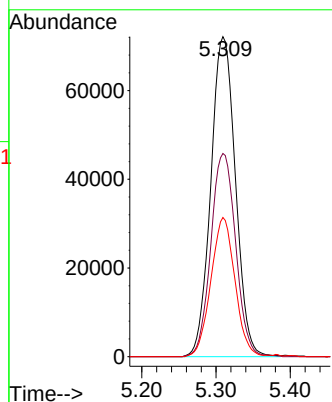
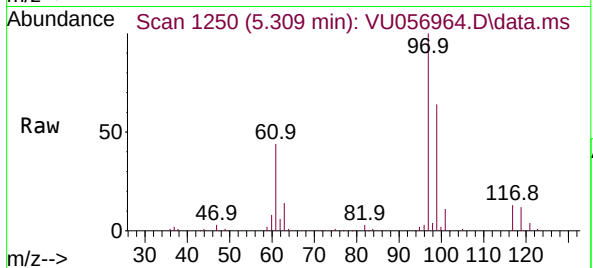
Tgt Ion: 97 Resp: 166785

Ion Ratio Lower Upper

97 100

99 64.0 52.5 78.7

61 42.4 34.2 51.2



#30

Cyclohexane

Concen: 4.854 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

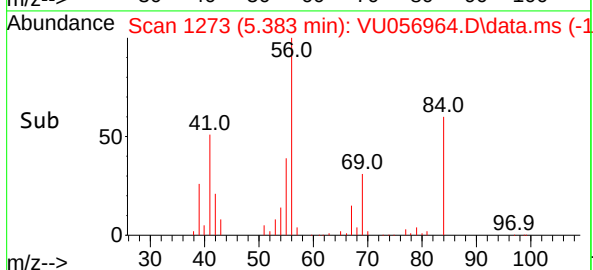
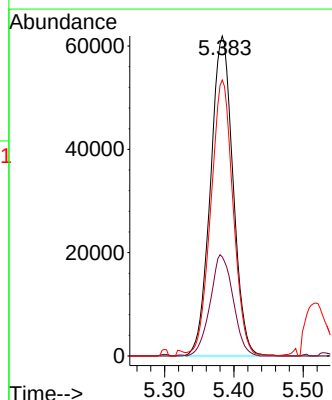
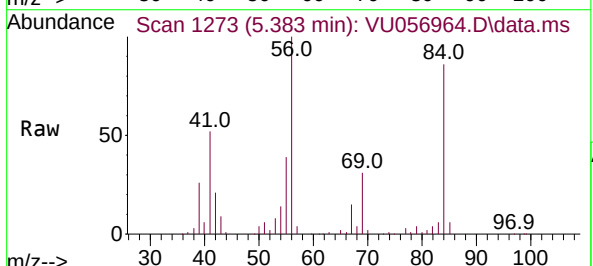
Tgt Ion: 56 Resp: 140113

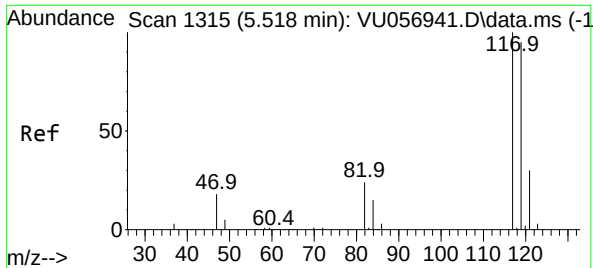
Ion Ratio Lower Upper

56 100

69 32.1 24.9 37.3

84 84.5 67.6 101.4

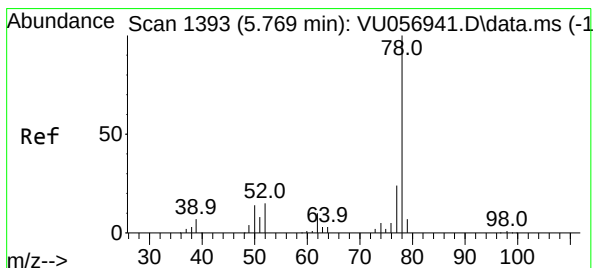
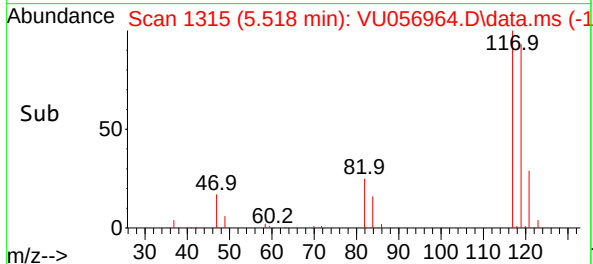
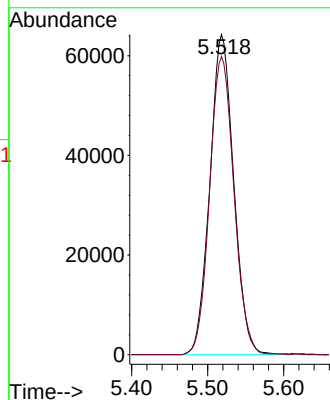
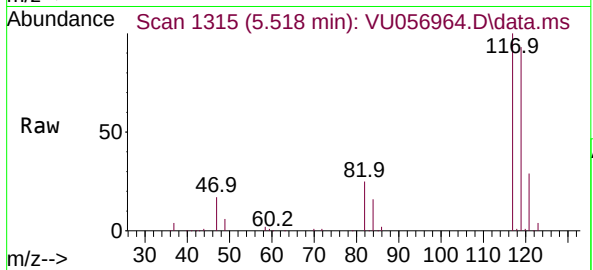




#31
Carbon tetrachloride
Concen: 5.238 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

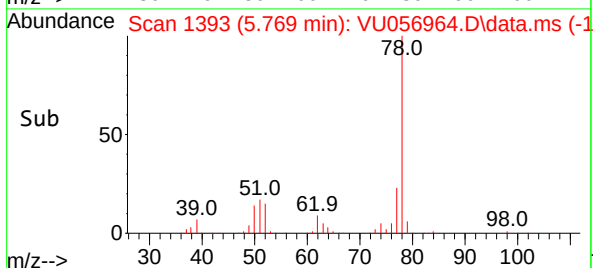
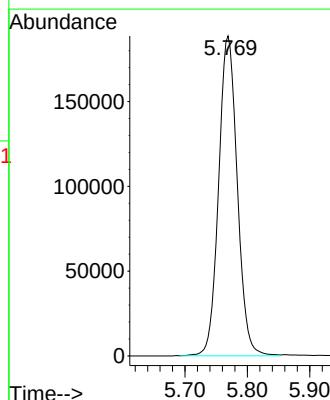
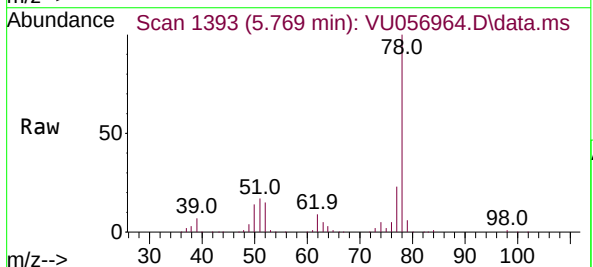
Instrument :
MSVOA_U
ClientSampleId :

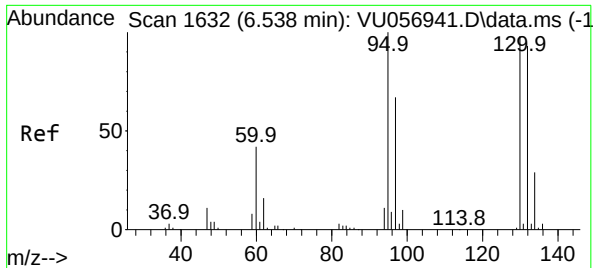
Tgt Ion:117 Resp: 140018
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.4



#33
Benzene
Concen: 5.226 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

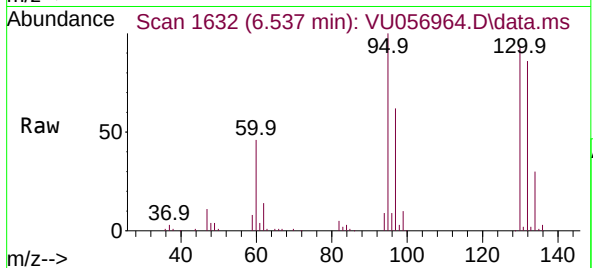
Tgt Ion: 78 Resp: 390757





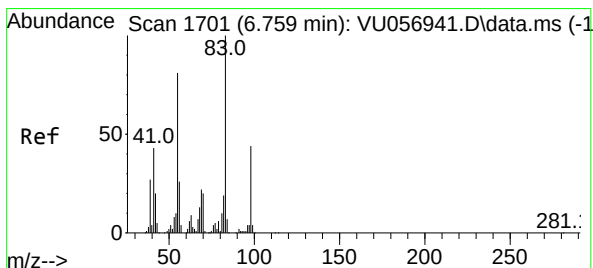
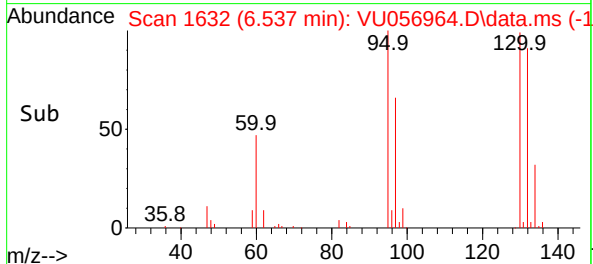
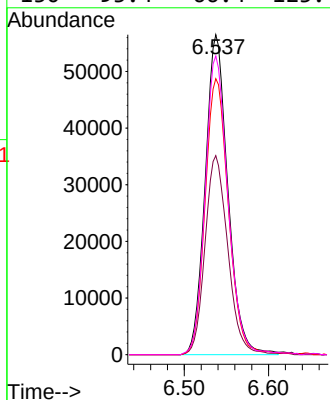
#34
Trichloroethene
Concen: 5.161 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 105857

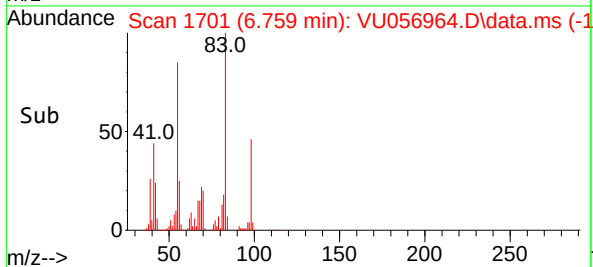
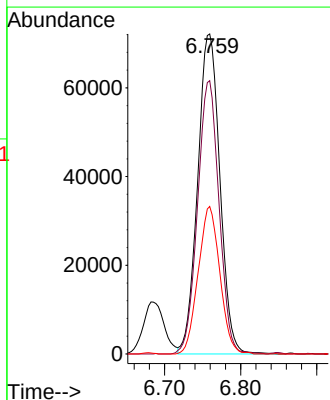
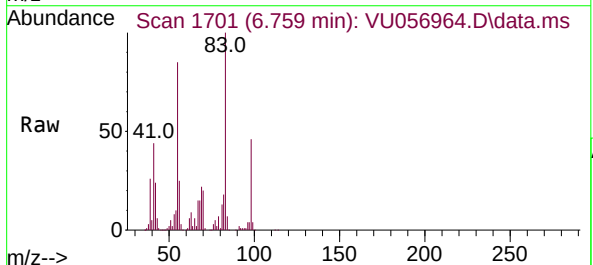
Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.1	85.5
132	86.3	63.6	118.0
130	93.4	66.4	123.4

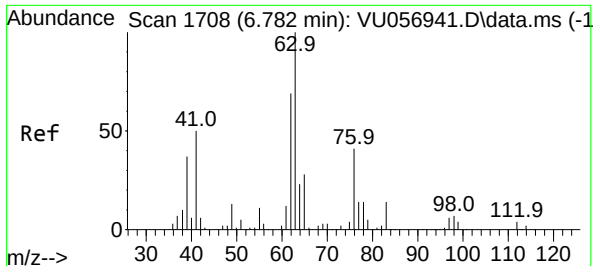


#35
Methylcyclohexane
Concen: 4.842 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion: 83 Resp: 146541

Ion	Ratio	Lower	Upper
83	100		
55	82.5	64.6	97.0
98	44.9	36.1	54.1

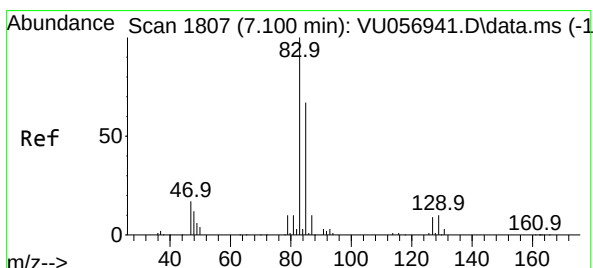
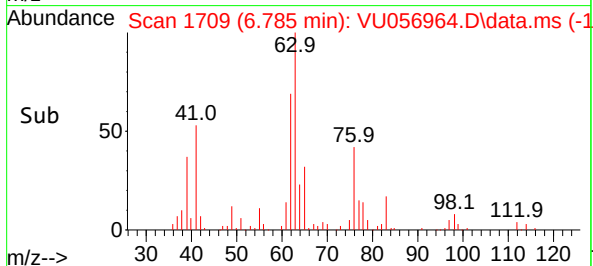
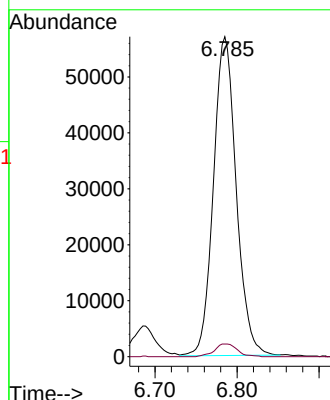
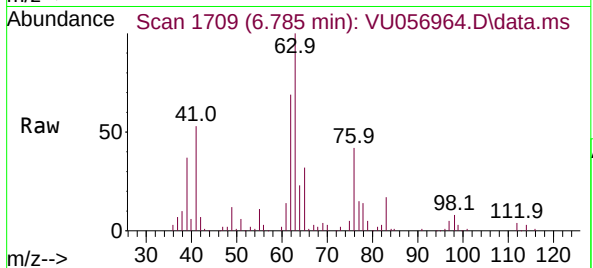




#37
1,2-Dichloropropane
Concen: 5.749 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

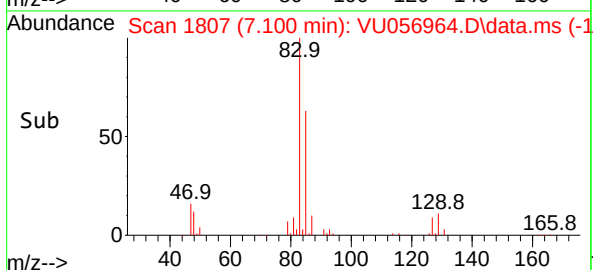
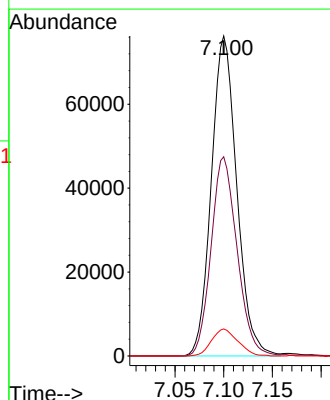
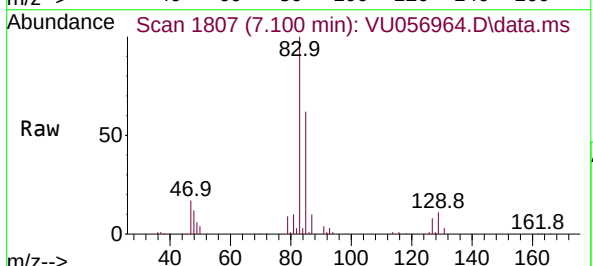
Instrument :
MSVOA_U
ClientSampleId :

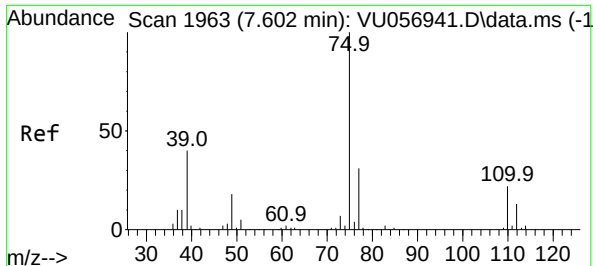
Tgt Ion: 63 Resp: 109956
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 5.677 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion: 83 Resp: 138469
Ion Ratio Lower Upper
83 100
85 62.3 45.0 83.6
127 8.4 7.0 10.4

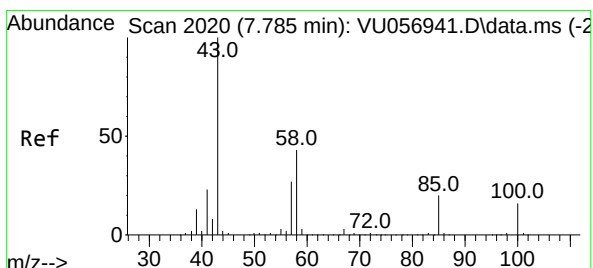
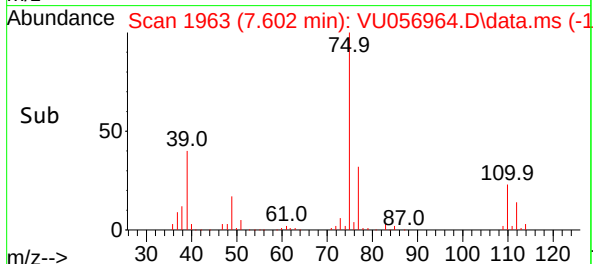
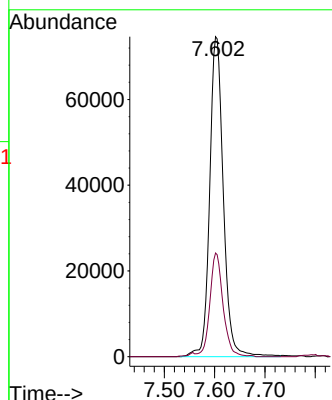
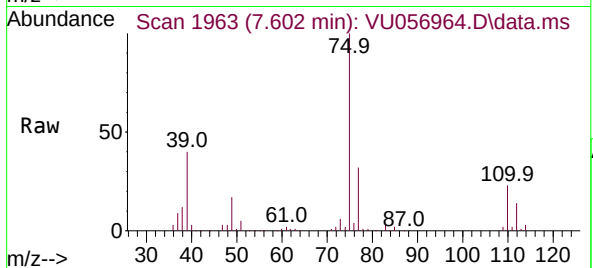




#39
 cis-1,3-Dichloropropene
 Concen: 5.047 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.003 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

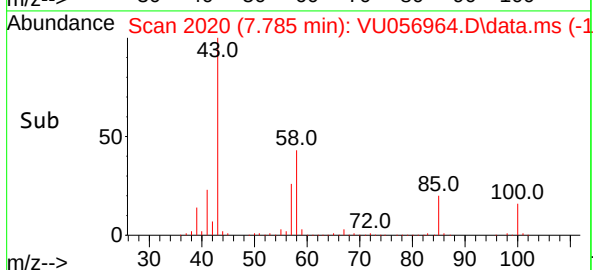
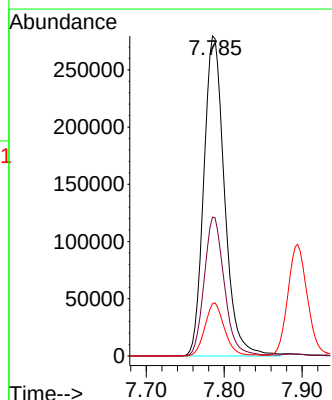
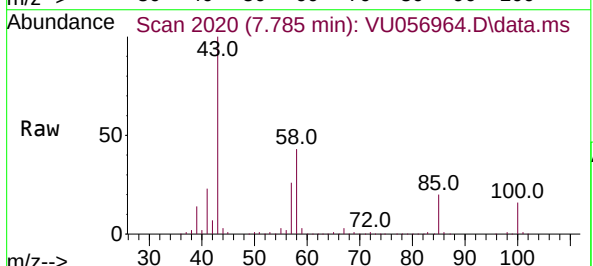
Instrument :
 MSVOA_U
 ClientSampleId :

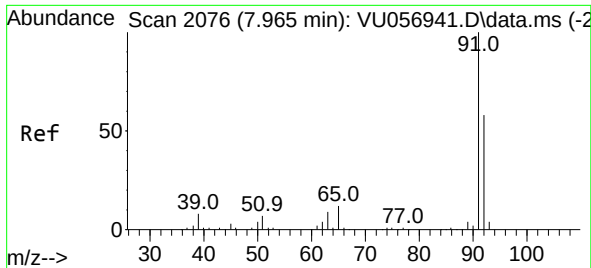
Tgt Ion: 75 Resp: 140701
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 57.025 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

Tgt Ion: 43 Resp: 517902
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.7 50.5
 100 15.8 13.0 19.4





#42

Toluene

Concen: 5.704 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

Instrument :

MSVOA_U

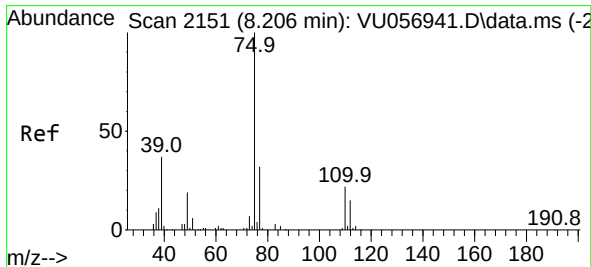
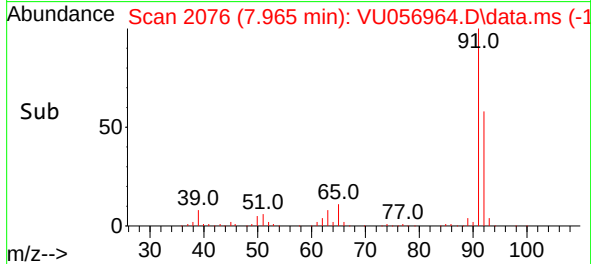
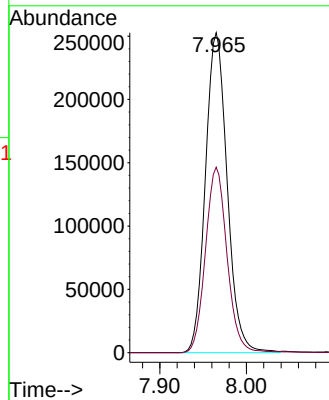
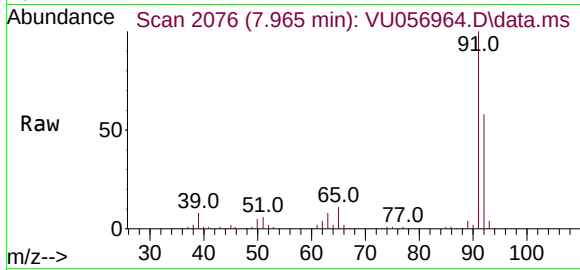
ClientSampleId :

Tgt Ion: 91 Resp: 441257

Ion Ratio Lower Upper

91 100

92 57.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.081 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056964.D

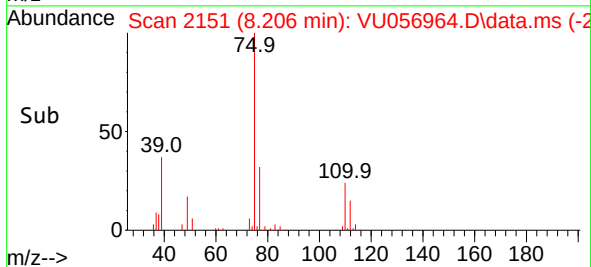
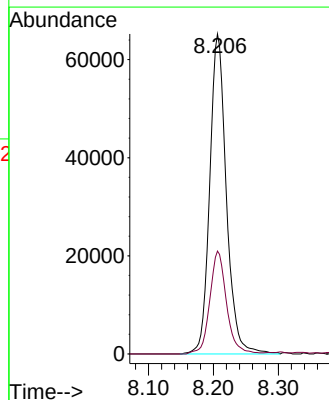
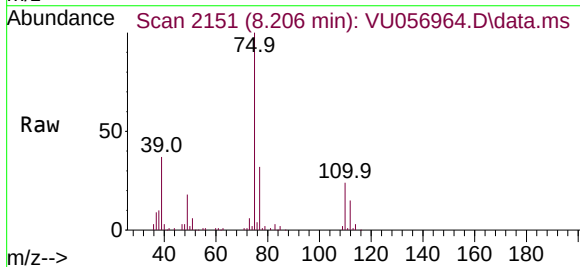
Acq: 17 Dec 2023 10:24

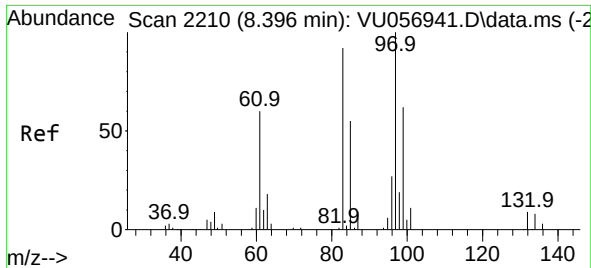
Tgt Ion: 75 Resp: 116084

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4

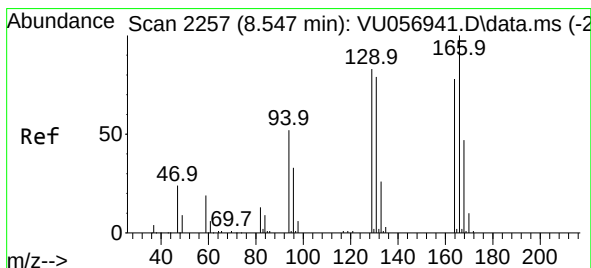
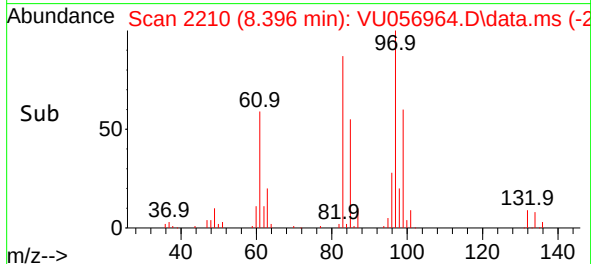
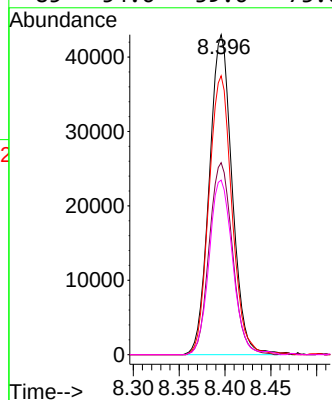
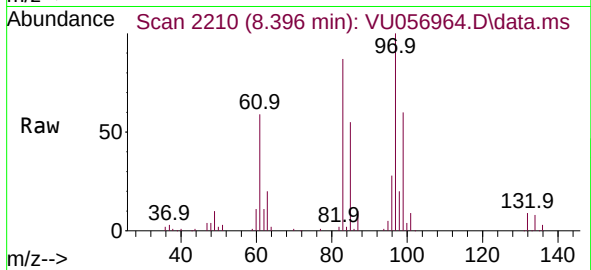




#45
1,1,2-Trichloroethane
Concen: 5.767 ug/L
RT: 8.396 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

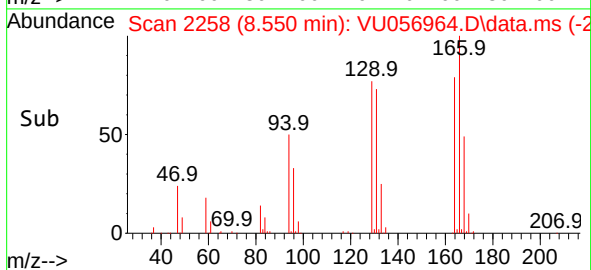
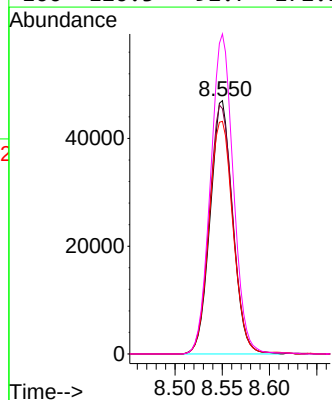
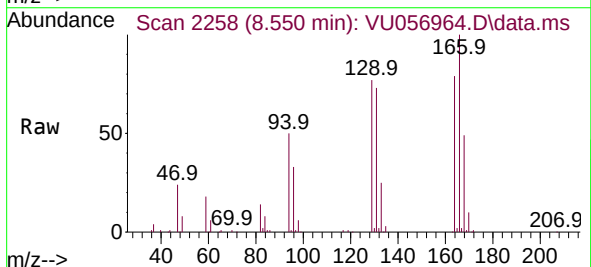
Instrument :
MSVOA_U
ClientSampleId :

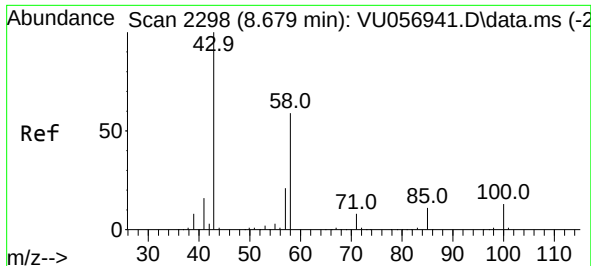
Tgt Ion: 97	Resp: 74566
Ion Ratio	Lower Upper
97 100	
99 60.0	41.9 77.9
83 87.1	59.1 109.7
85 54.6	39.6 73.6



#47
Tetrachloroethene
Concen: 5.404 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

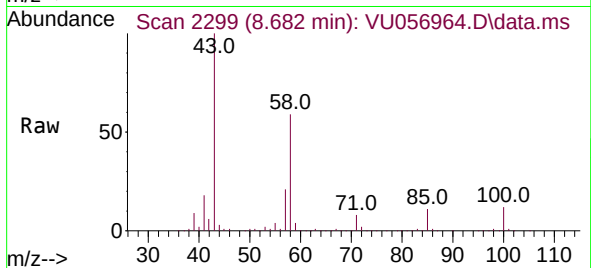
Tgt	Ion:164	Resp:	77565
Ion	Ratio	Lower	Upper
164	100		
129	96.8	73.4	136.4
131	91.8	71.5	132.9
166	126.3	92.7	172.1



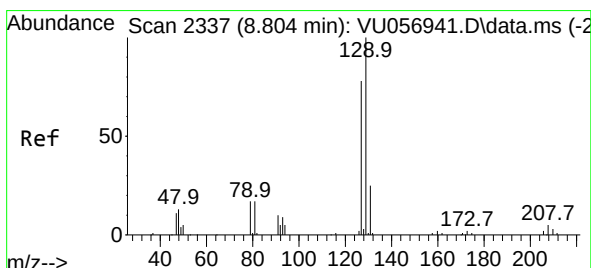
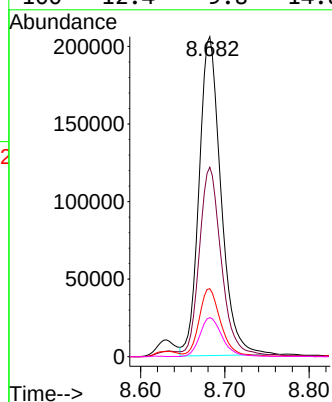
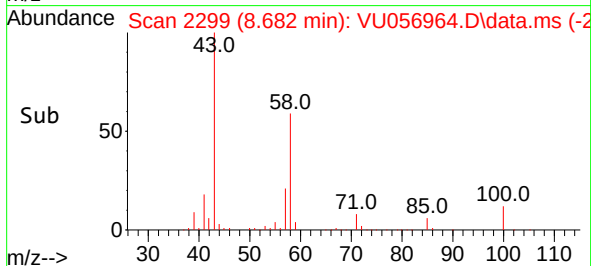


#48
2-Hexanone
Concen: 57.495 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Instrument :
MSVOA_U
ClientSampleId :

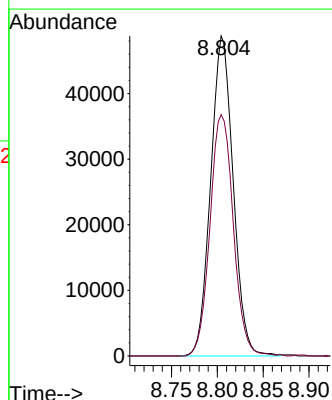
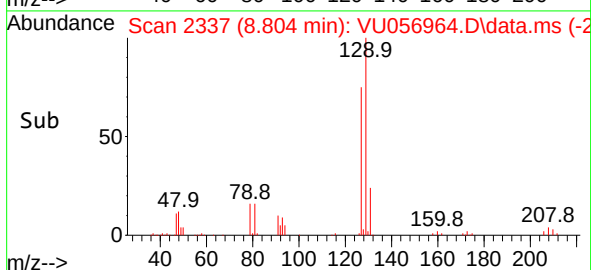
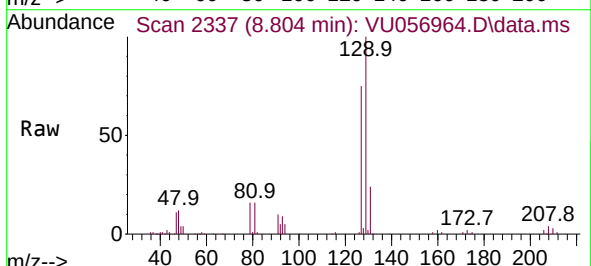


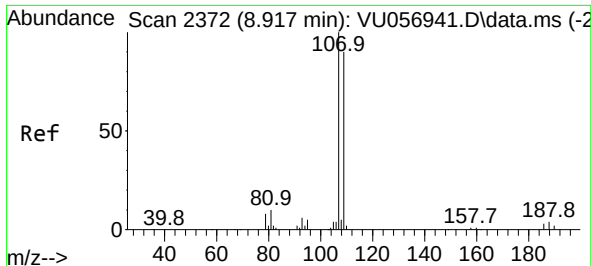
Tgt Ion: 43 Resp: 371898
Ion Ratio Lower Upper
43 100
58 58.7 47.5 71.3
57 20.9 17.0 25.4
100 12.4 9.8 14.8



#49
Dibromochloromethane
Concen: 5.599 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion:129 Resp: 83213
Ion Ratio Lower Upper
129 100
127 75.4 53.9 100.1





#50

1,2-Dibromoethane

Concen: 5.669 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

Instrument :

MSVOA_U

ClientSampleId :

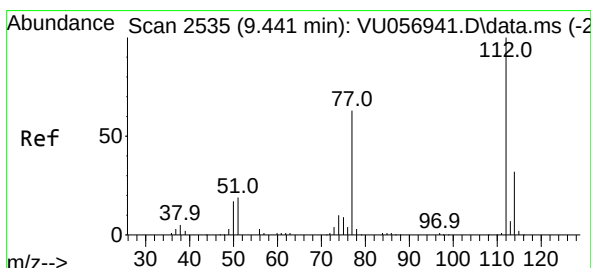
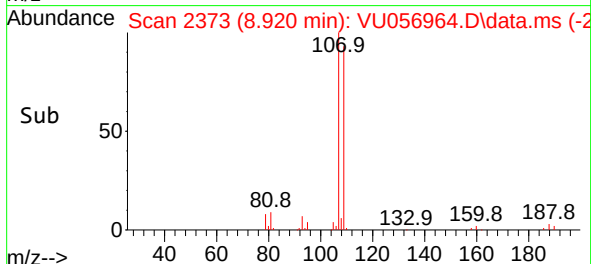
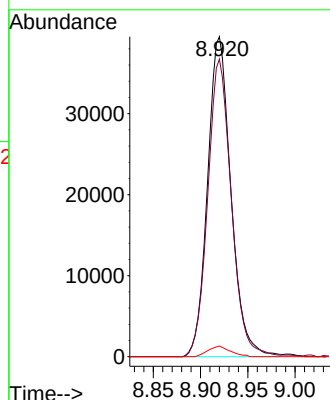
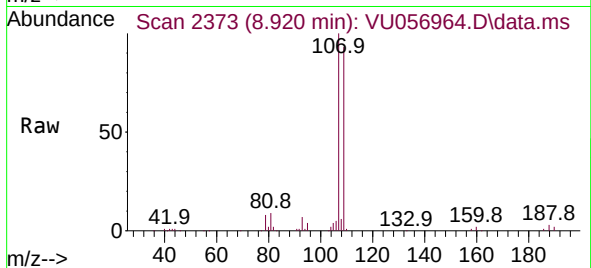
Tgt Ion:107 Resp: 68033

Ion Ratio Lower Upper

107 100

109 93.0 66.5 123.5

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 5.534 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

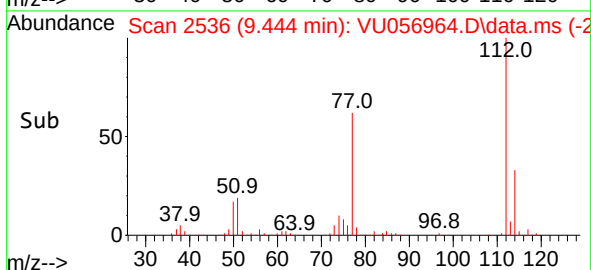
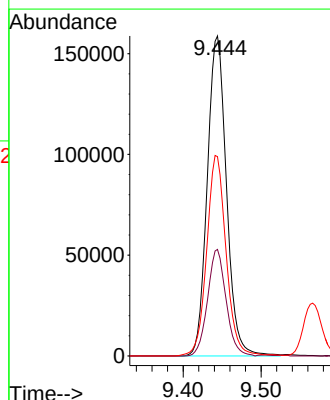
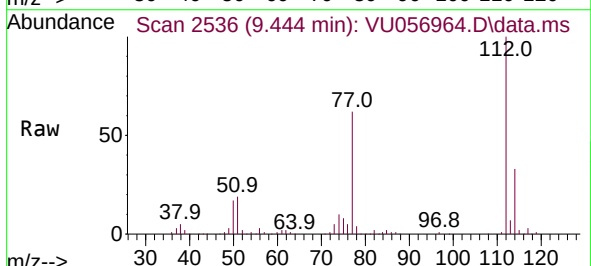
Tgt Ion:112 Resp: 272872

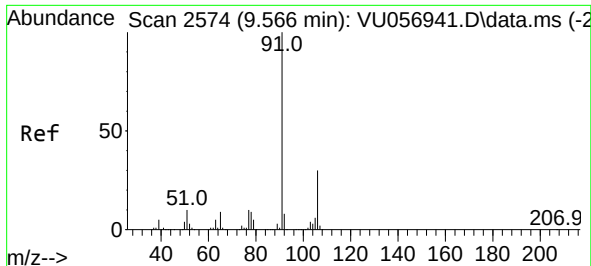
Ion Ratio Lower Upper

112 100

114 33.3 21.9 40.7

77 62.3 51.6 77.4

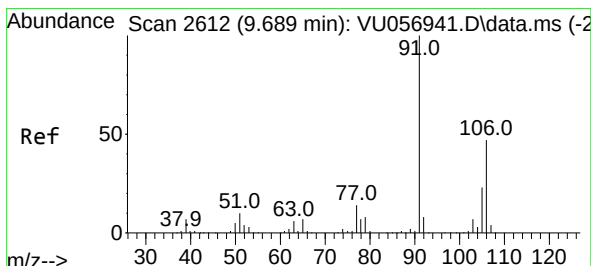
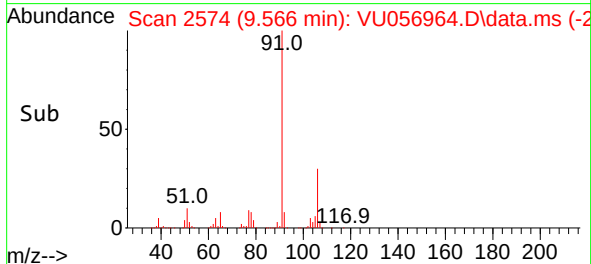
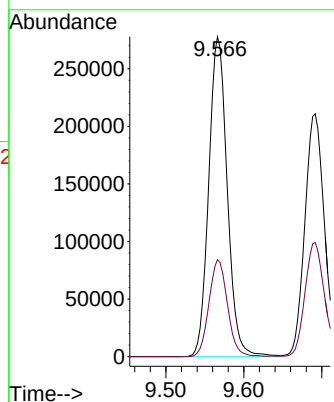
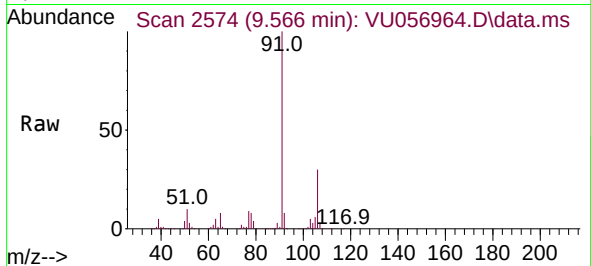




#52
Ethylbenzene
Concen: 5.373 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

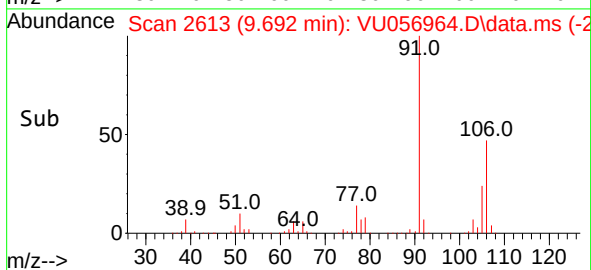
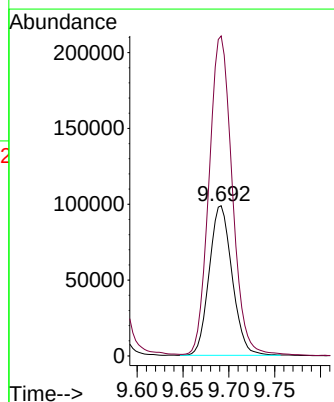
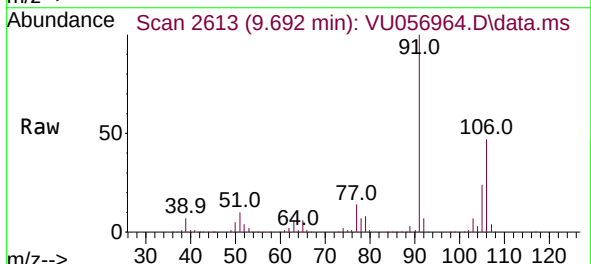
Instrument :
MSVOA_U
ClientSampleId :

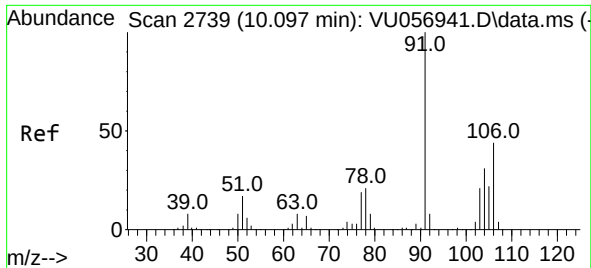
Tgt Ion: 91 Resp: 458492
Ion Ratio Lower Upper
91 100
106 30.3 20.6 38.4



#53
m,p-Xylene
Concen: 5.391 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion:106 Resp: 171406
Ion Ratio Lower Upper
106 100
91 213.0 154.0 286.0

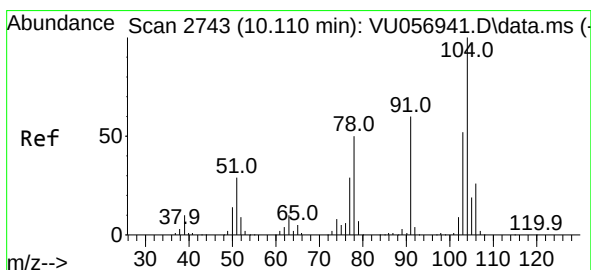
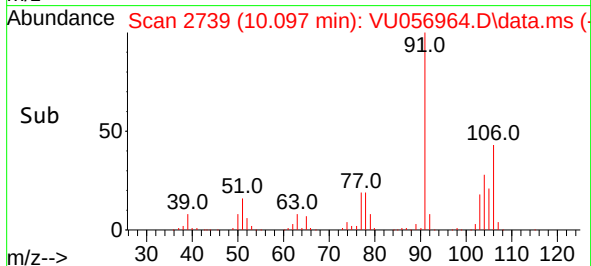
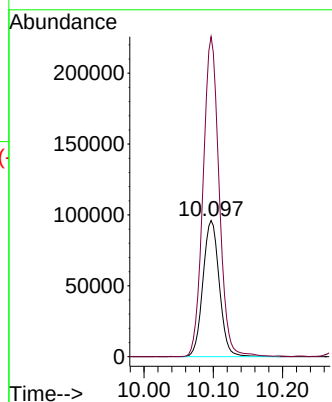
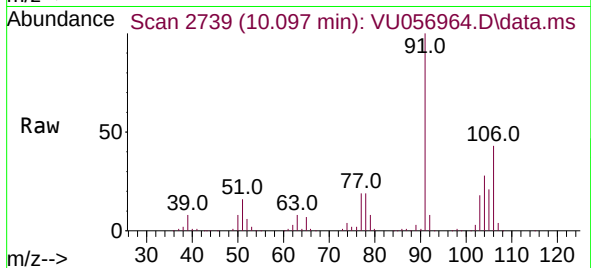




#54
o-Xylene
Concen: 5.209 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

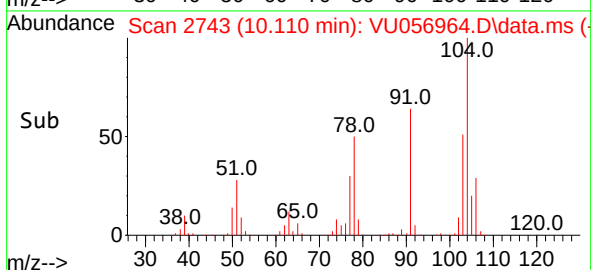
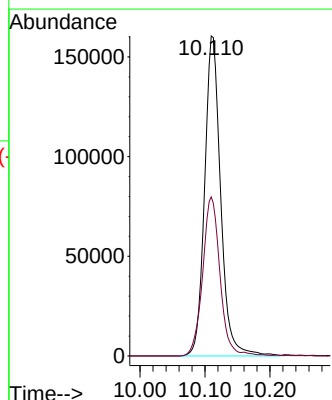
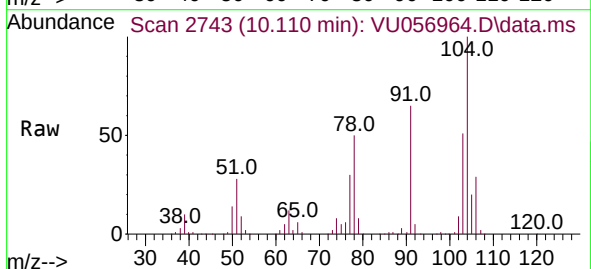
Instrument :
MSVOA_U
ClientSampleId :

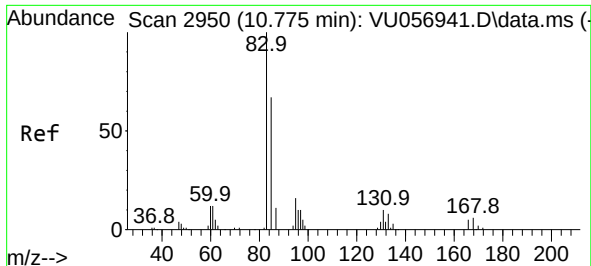
Tgt Ion:106 Resp: 157779
Ion Ratio Lower Upper
106 100
91 235.0 160.2 297.6



#55
Styrene
Concen: 5.566 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion:104 Resp: 276839
Ion Ratio Lower Upper
104 100
78 49.7 35.6 66.2

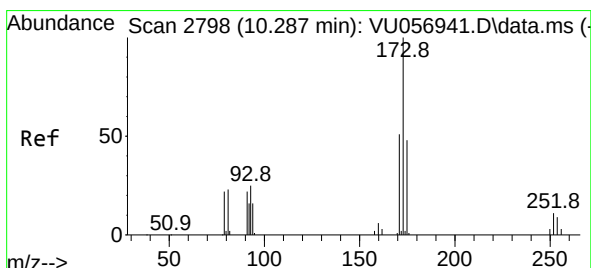
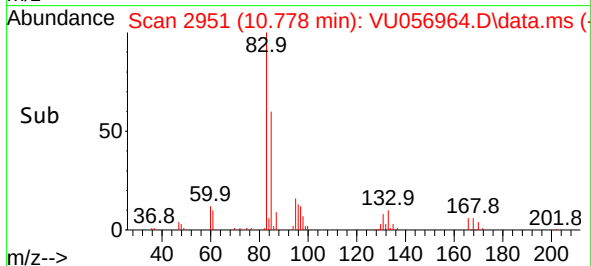
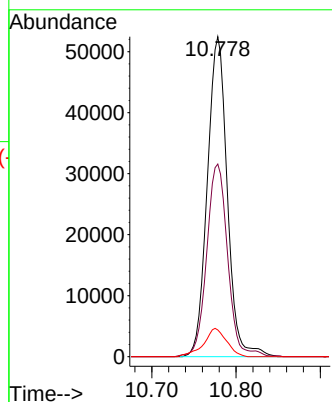
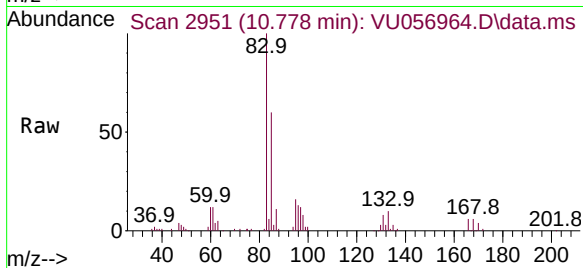




#57
1,1,2-Tetrachloroethane
Concen: 5.534 ug/L
RT: 10.778 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

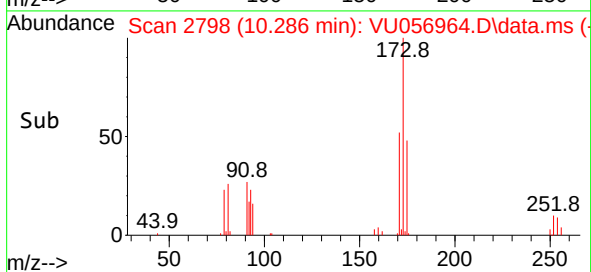
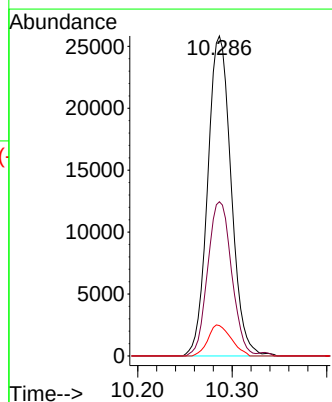
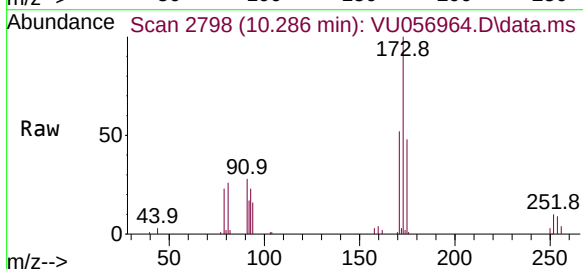
Instrument :
MSVOA_U
ClientSampleId :

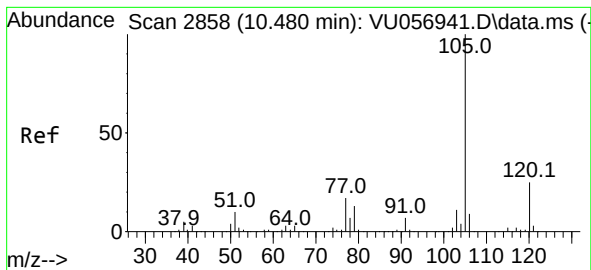
Tgt Ion: 83 Resp: 86454
Ion Ratio Lower Upper
83 100
85 60.2 45.4 84.4
131 8.4 6.6 9.8



#59
Bromoform
Concen: 5.394 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion:173 Resp: 44492
Ion Ratio Lower Upper
173 100
175 49.2 38.2 57.2
254 9.6 7.0 10.4





#60

Isopropylbenzene

Concen: 5.293 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

Instrument :

MSVOA_U

ClientSampleId :

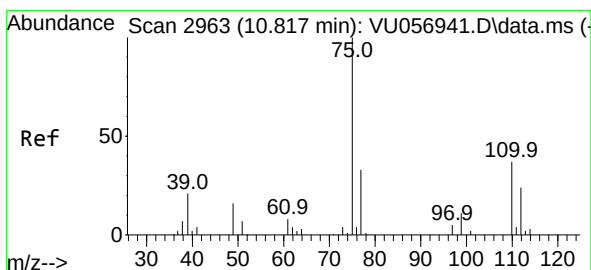
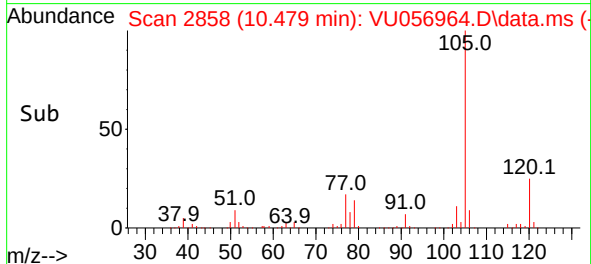
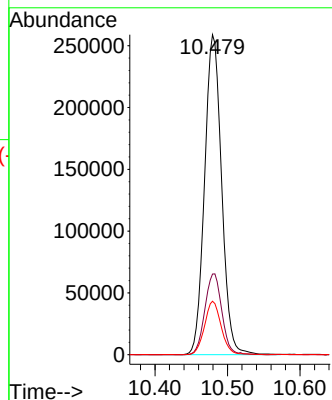
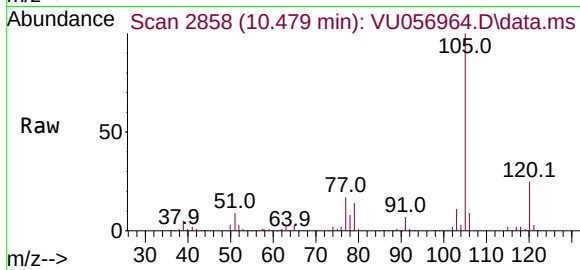
Tgt Ion:105 Resp: 422482

Ion Ratio Lower Upper

105 100

120 25.3 20.1 30.1

77 16.4 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.331 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

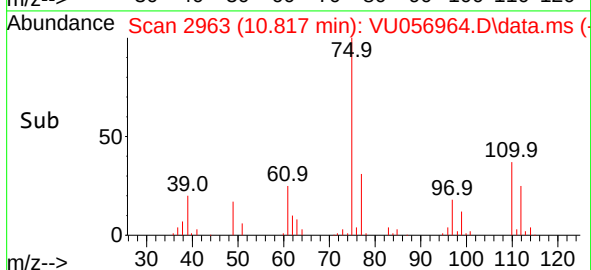
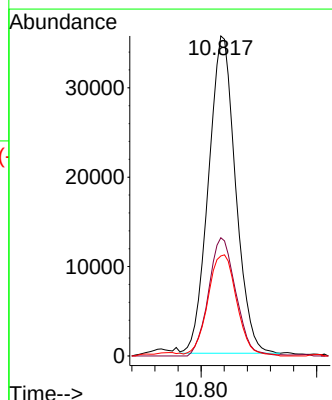
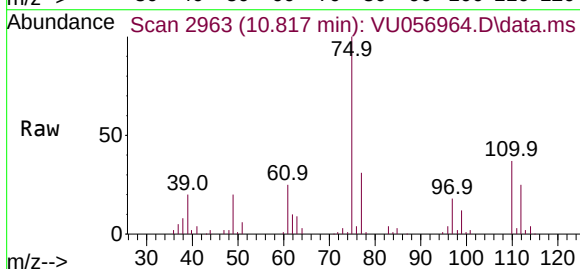
Tgt Ion: 75 Resp: 57828

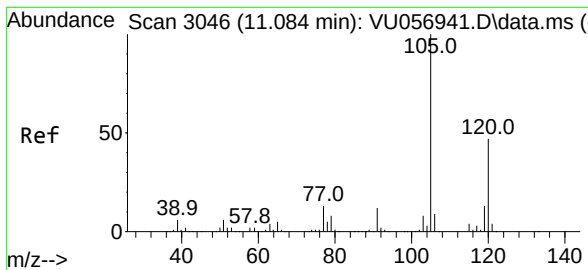
Ion Ratio Lower Upper

75 100

110 37.3 28.4 42.6

77 34.0 26.3 39.5

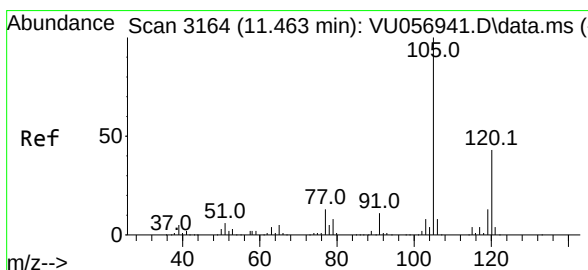
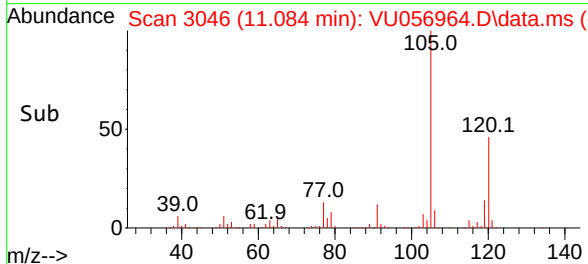
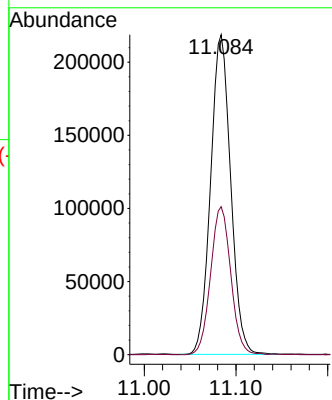
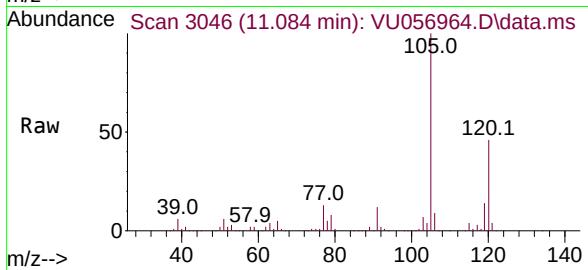




#62
 1,3,5-Trimethylbenzene
 Concen: 5.090 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

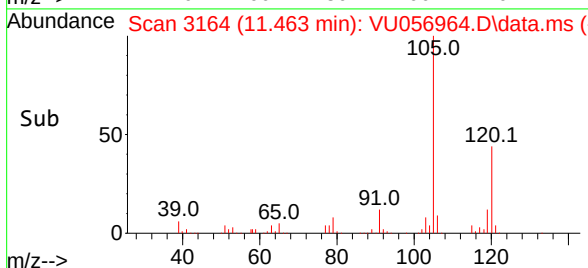
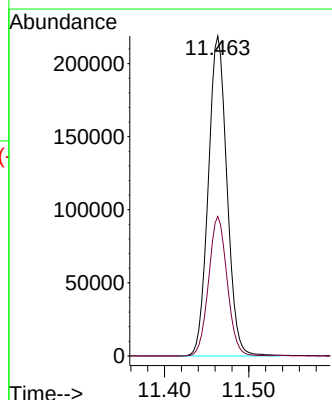
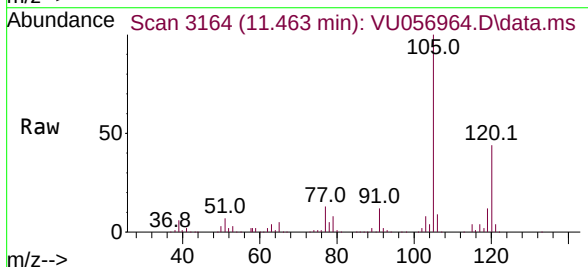
Instrument :
 MSVOA_U
 ClientSampleId :

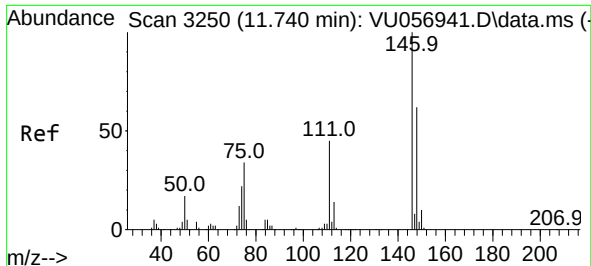
Tgt Ion:105 Resp: 332016
 Ion Ratio Lower Upper
 105 100
 120 46.5 36.8 55.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.209 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU056964.D
 Acq: 17 Dec 2023 10:24

Tgt Ion:105 Resp: 337462
 Ion Ratio Lower Upper
 105 100
 120 43.3 34.2 51.4

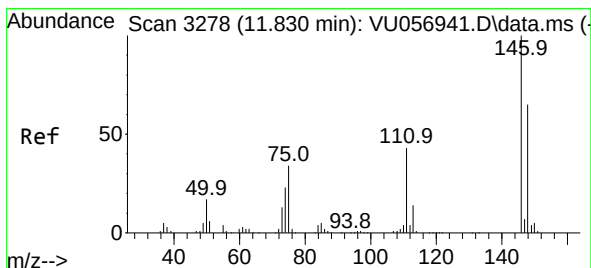
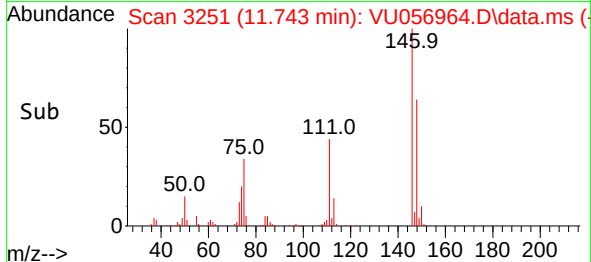
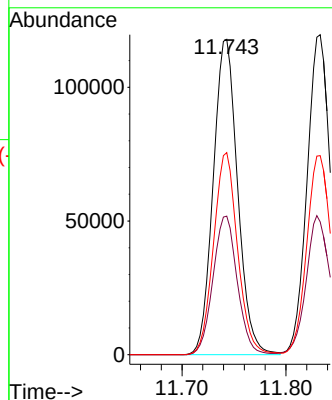
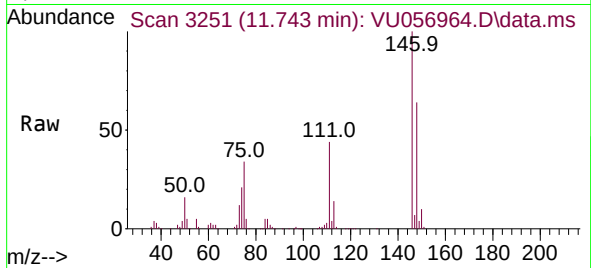




#64
1,3-Dichlorobenzene
Concen: 5.105 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

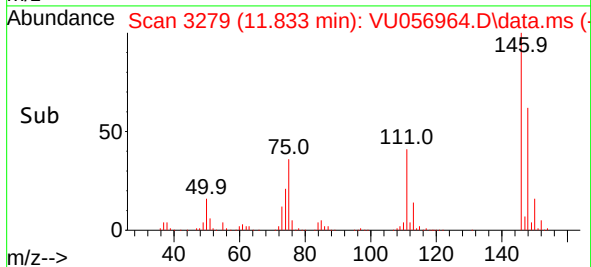
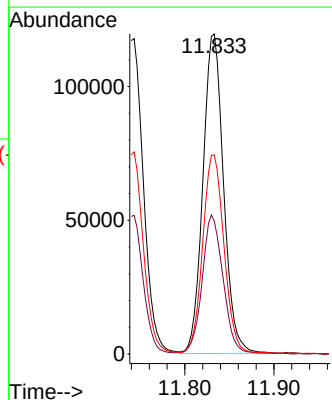
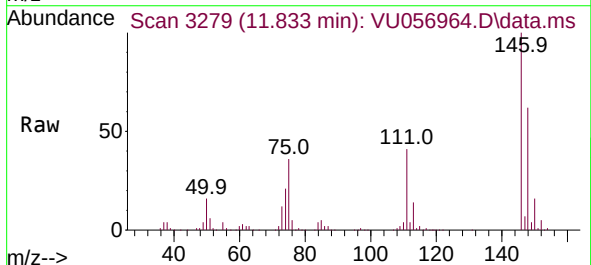
Instrument :
MSVOA_U
ClientSampleId :

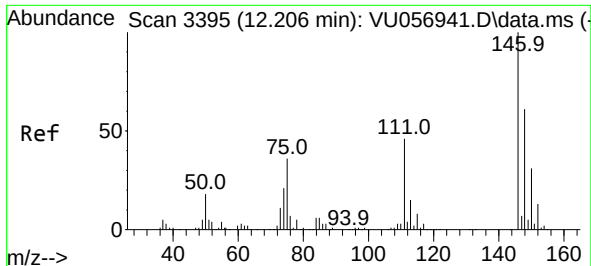
Tgt Ion:146 Resp: 192745
Ion Ratio Lower Upper
146 100
111 43.9 31.7 58.9
148 64.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.173 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion:146 Resp: 192303
Ion Ratio Lower Upper
146 100
111 41.5 31.2 58.0
148 62.2 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.850 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

Instrument :

MSVOA_U

ClientSampleId :

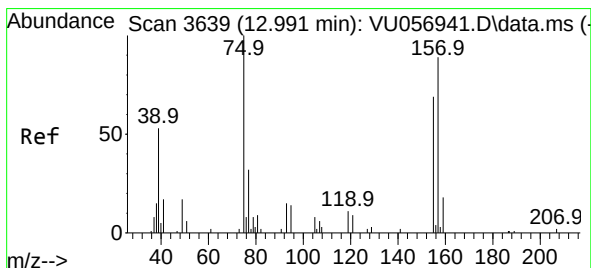
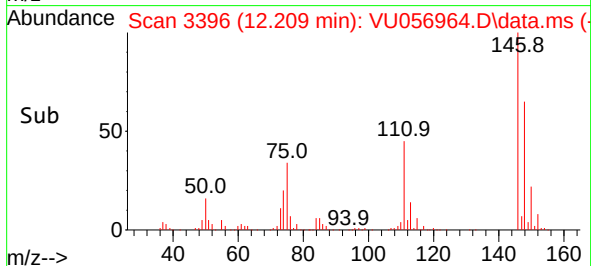
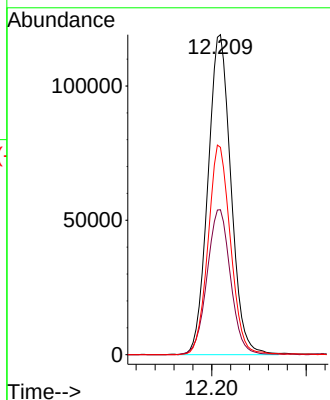
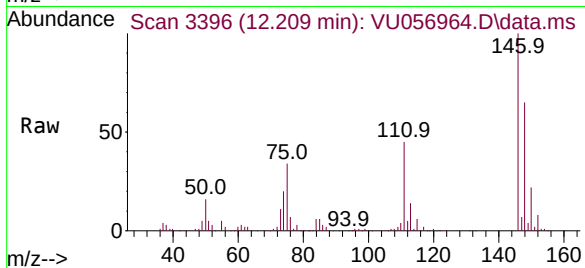
Tgt Ion:146 Resp: 201203

Ion Ratio Lower Upper

146 100

111 45.3 36.9 55.3

148 64.8 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.767 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

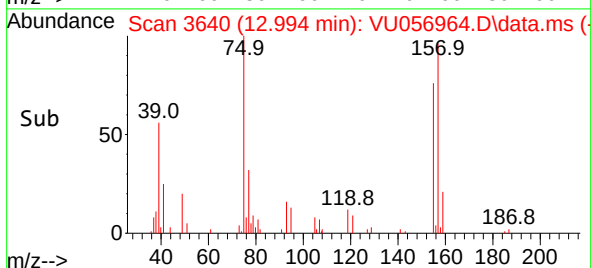
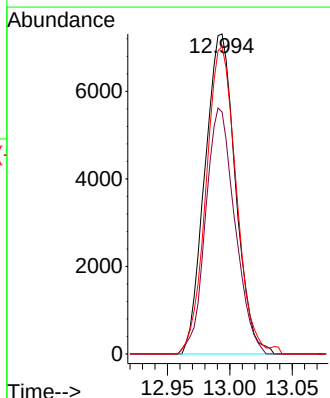
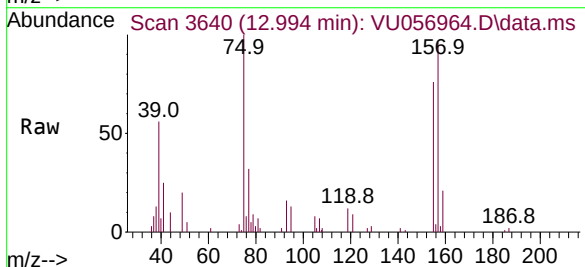
Tgt Ion: 75 Resp: 12489

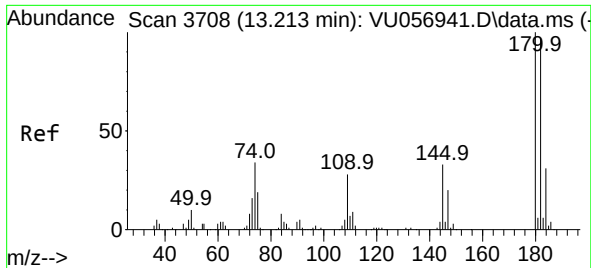
Ion Ratio Lower Upper

75 100

155 75.7 55.4 83.2

157 96.2 77.3 115.9





#69

1,3,5-Trichlorobenzene

Concen: 4.877 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

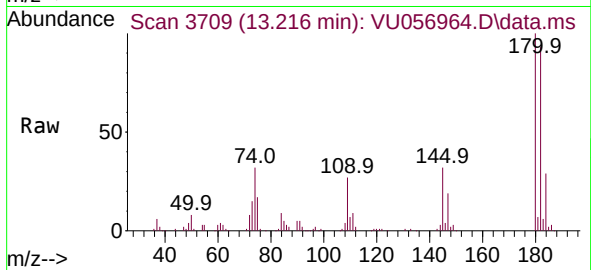
Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 139130

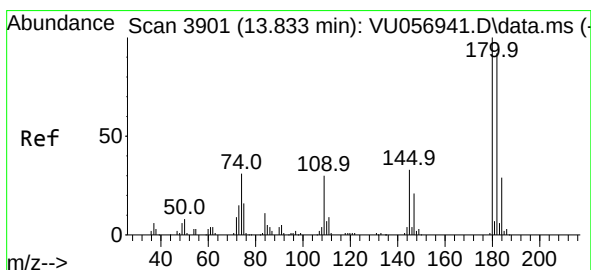
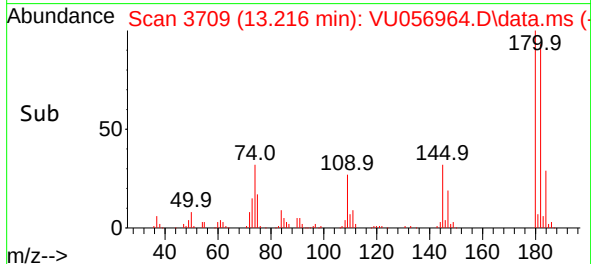
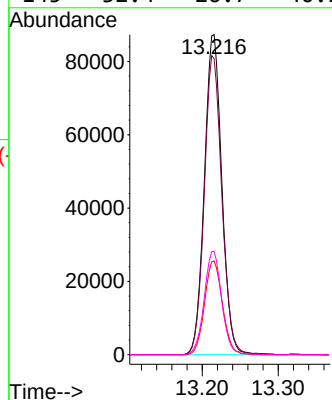
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.4

184 30.0 24.6 37.0

145 32.4 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 4.343 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU056964.D

Acq: 17 Dec 2023 10:24

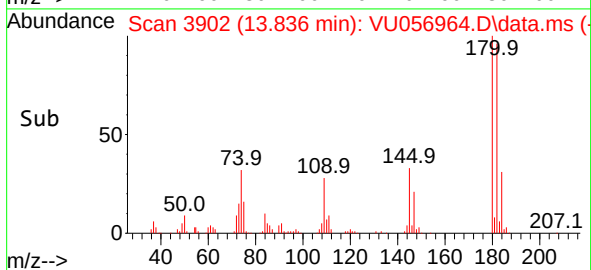
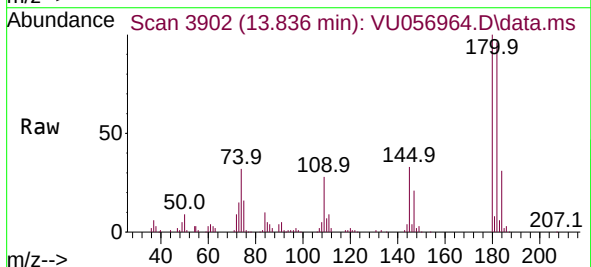
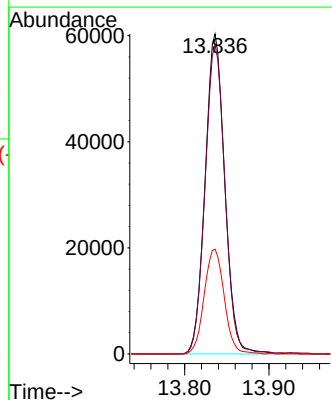
Tgt Ion:180 Resp: 98126

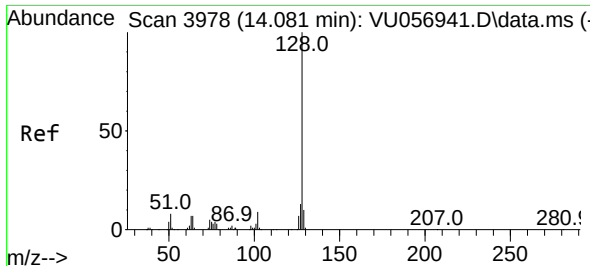
Ion Ratio Lower Upper

180 100

182 97.3 74.3 111.5

145 33.3 26.7 40.1

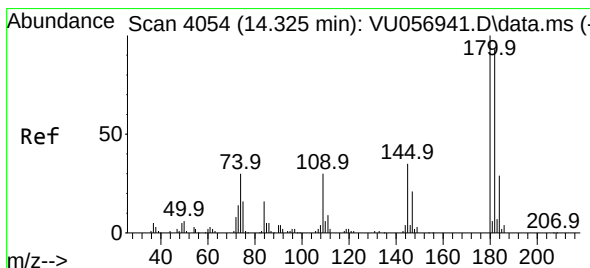
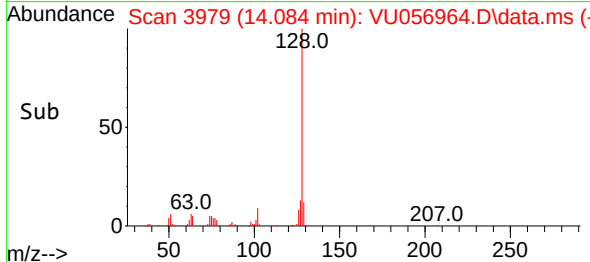
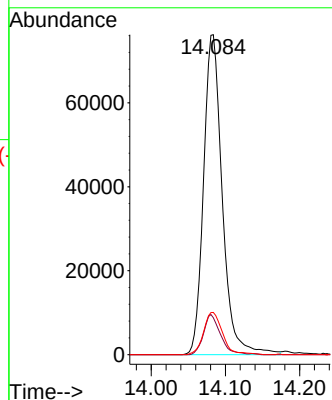
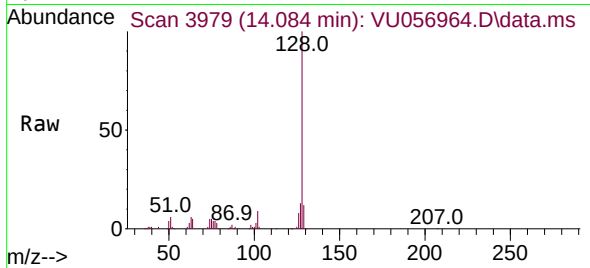




#71
Naphthalene
Concen: 4.039 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 133547
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.4 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.487 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056964.D
Acq: 17 Dec 2023 10:24

Tgt Ion:180 Resp: 86054
Ion Ratio Lower Upper
180 100
182 96.8 75.0 112.6
145 35.7 28.6 42.8

