

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056092.D
 Acq On : 07 Nov 2023 10:34
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:17:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:14:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	403051	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	384104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	206411	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	497558	19.888	ug/L	0.00
7) Chloroethane-d5	1.907	69	315683	18.594	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	218285	19.805	ug/L	0.00
20) 2-Butanone-d5	4.618	46	886978	226.873	ug/L	0.00
24) Chloroform-d	5.055	84	951306	19.976	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	419526	20.007	ug/L	0.00
32) Benzene-d6	5.721	84	1948858	21.125	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	567767	20.908	ug/L	0.00
41) Toluene-d8	7.894	98	1797212	21.260	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	226249	21.796	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	856014	253.446	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	414090	21.365	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	616079	19.355	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	667440	19.526	ug/L	99
3) Chloromethane	1.515	50	617696	19.290	ug/L	97
5) Vinyl chloride	1.602	62	657145	19.838	ug/L	98
6) Bromomethane	1.853	94	363580	19.109	ug/L	100
8) Chloroethane	1.927	64	324859	18.088	ug/L	99
9) Trichlorofluoromethane	2.132	101	860782	19.647	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	546661	19.586	ug/L	99
12) 1,1-Dichloroethene	2.573	96	529455	20.439	ug/L	95
13) Acetone	2.628	43	591279	195.346	ug/L	100
14) Carbon disulfide	2.788	76	1780671	20.172	ug/L	99
15) Methyl Acetate	2.946	43	175077	20.500	ug/L	97
16) Methylene chloride	3.039	84	567135	19.092	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	1237622	21.206	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	557846	20.321	ug/L	97
19) 1,1-Dichloroethane	3.862	63	1002873	20.028	ug/L	96
21) 2-Butanone	4.695	43	1075745	215.504	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	614382	20.733	ug/L	99
23) Bromochloromethane	4.965	128	259019	19.700	ug/L	99
25) Chloroform	5.081	83	1039453	19.481	ug/L	99
27) 1,2-Dichloroethane	5.788	62	598434	19.816	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	910801	20.698	ug/L	99
30) Cyclohexane	5.383	56	894202	21.750	ug/L	99
31) Carbon tetrachloride	5.518	117	804826	20.598	ug/L	100
33) Benzene	5.769	78	2302491	20.935	ug/L	100
34) Trichloroethene	6.537	95	623932	20.769	ug/L	97
35) Methylcyclohexane	6.759	83	974900	21.835	ug/L	98
37) 1,2-Dichloropropane	6.785	63	579939	20.277	ug/L	100
38) Bromodichloromethane	7.100	83	730734	20.460	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	907321	22.477	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	2771297	221.522	ug/L	99
42) Toluene	7.965	91	2462236	21.236	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	714994	21.876	ug/L	98

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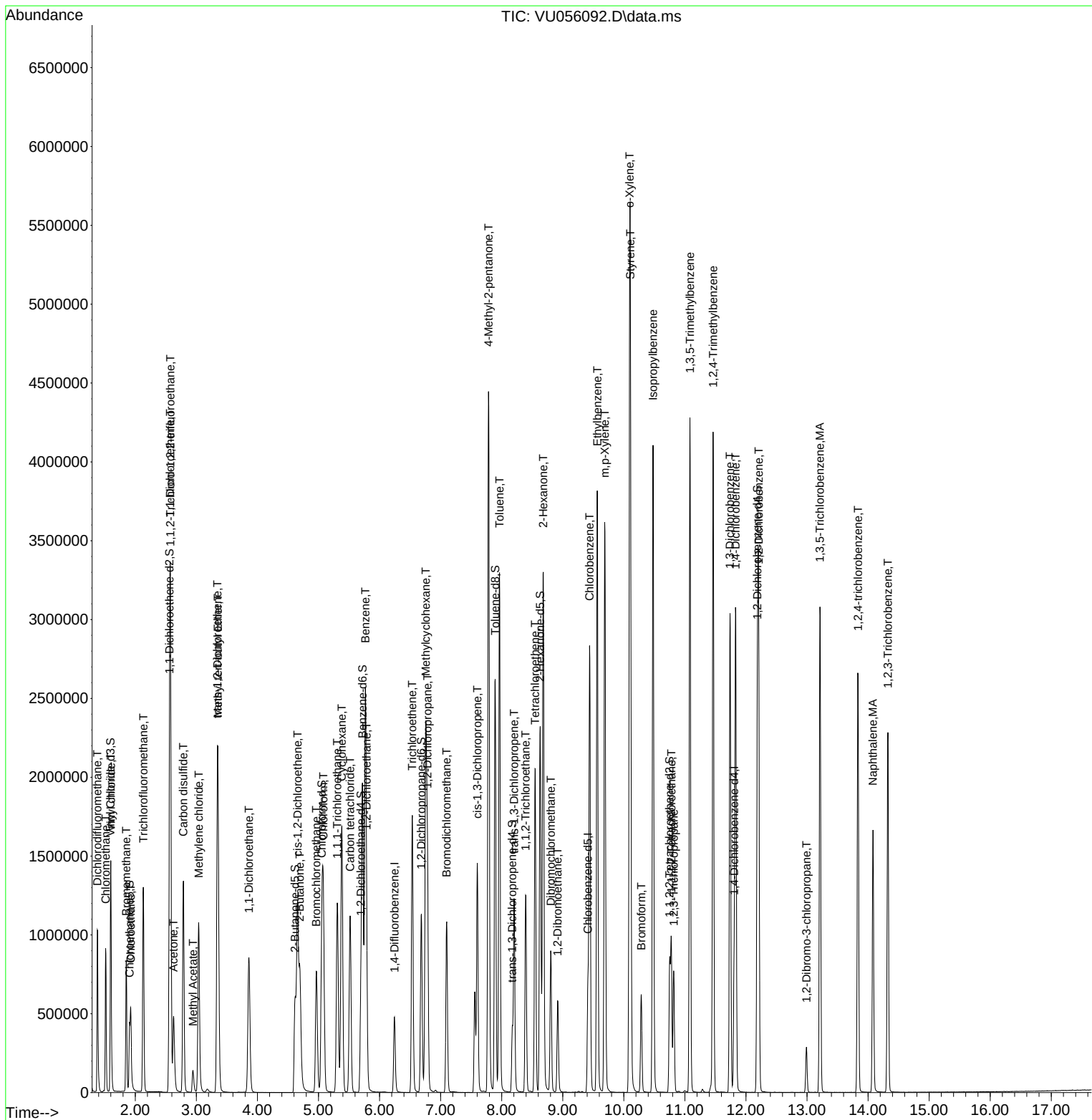
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 MSVOA_U
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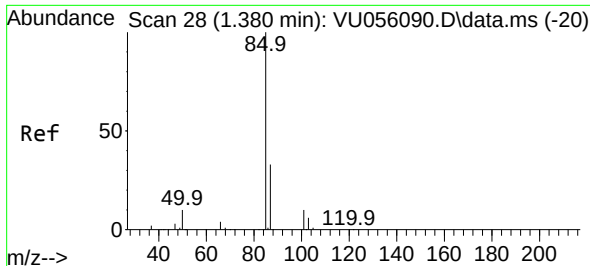
Quant Time: Nov 08 00:17:11 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	399274	20.421	ug/L	98
47) Tetrachloroethene	8.550	164	461340	20.461	ug/L	97
48) 2-Hexanone	8.682	43	2031952	227.045	ug/L	99
49) Dibromochloromethane	8.804	129	472705	21.070	ug/L	96
50) 1,2-Dibromoethane	8.917	107	390471	21.372	ug/L	96
51) Chlorobenzene	9.441	112	1534939	20.519	ug/L	99
52) Ethylbenzene	9.566	91	2753407	21.792	ug/L	100
53) m,p-Xylene	9.688	106	1061517	22.090	ug/L	97
54) o-Xylene	10.097	106	1018600	22.113	ug/L	97
55) Styrene	10.110	104	1751937	23.248	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	487154	21.202	ug/L	98
59) Bromoform	10.286	173	286000	19.951	ug/L	100
60) Isopropylbenzene	10.479	105	2742254	20.491	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	334315	18.764	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	2339111	21.552	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	2321459	21.805	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	1268907	20.020	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	1252176	19.979	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	1161751	19.890	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	78601	20.914	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	957987	20.181	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	817734	21.712	ug/L	98
71) Naphthalene	14.080	128	1302981	23.743	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	702463	21.274	ug/L	100

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

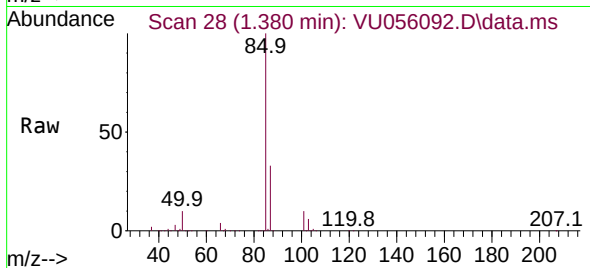
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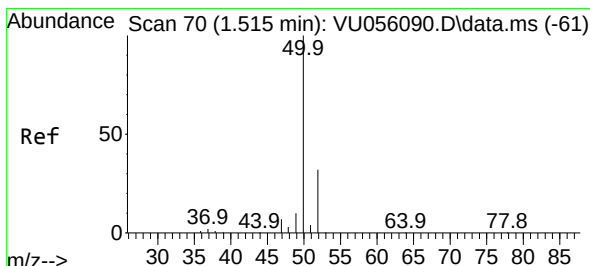
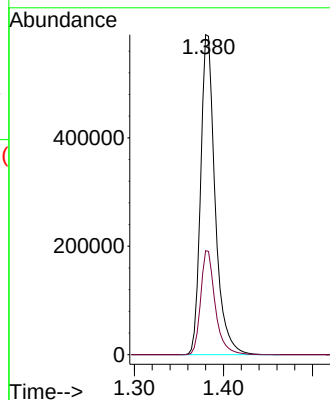
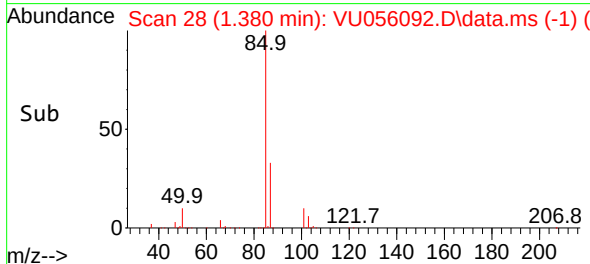


#2
 Dichlorodifluoromethane
 Concen: 19.526 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

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 MSVOA_U
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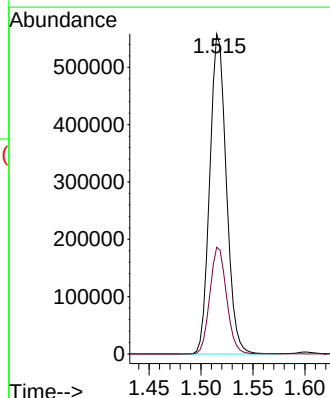
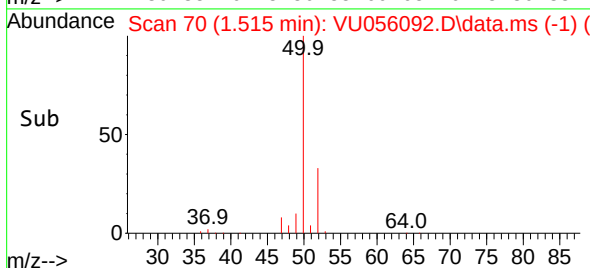
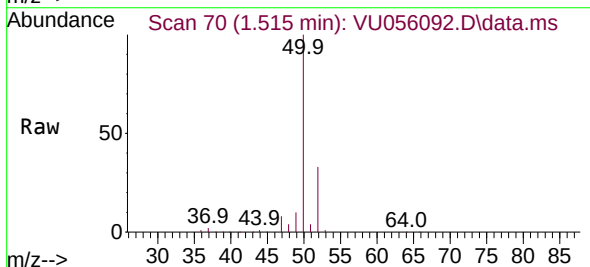


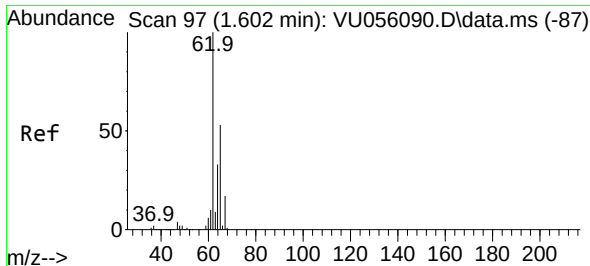
Tgt Ion: 85 Resp: 667440
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.4 39.6



#3
 Chloromethane
 Concen: 19.290 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

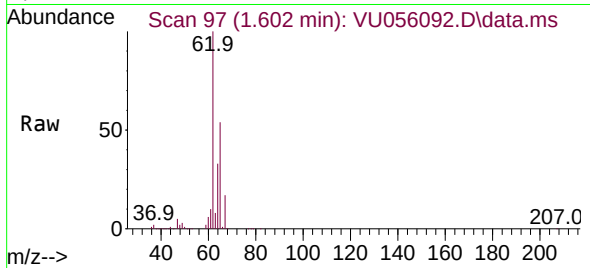
Tgt Ion: 50 Resp: 617696
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.2 41.2



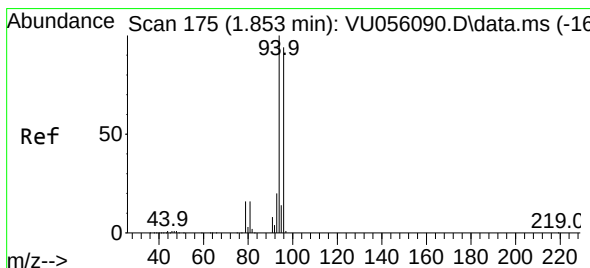
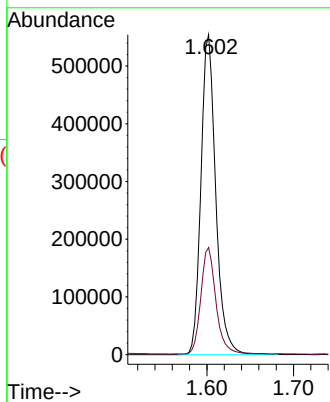
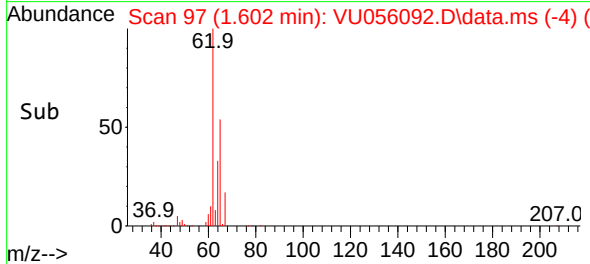


#5
 Vinyl chloride
 Concen: 19.838 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

Instrument :
 MSVOA_U
 ClientSampleId :

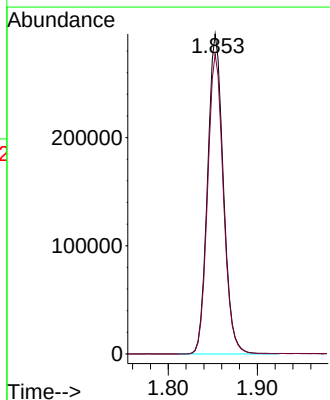
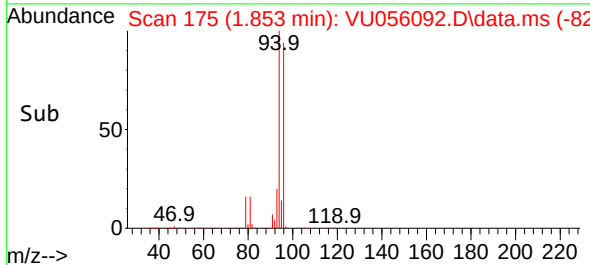
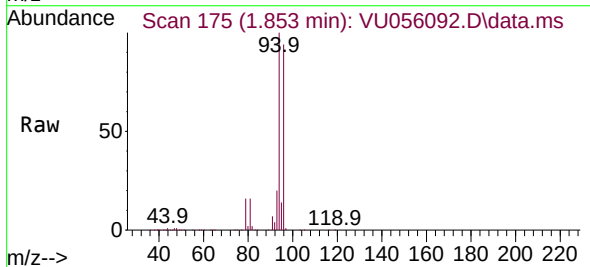


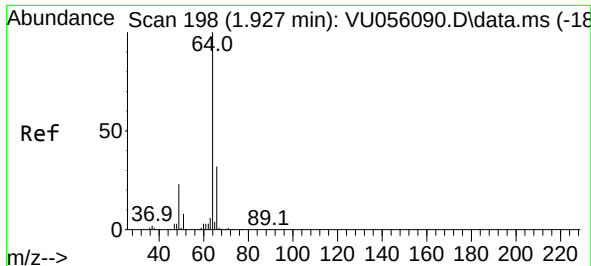
Tgt Ion: 62 Resp: 657145
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.1 44.7



#6
 Bromomethane
 Concen: 19.109 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

Tgt Ion: 94 Resp: 363580
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.6 121.8

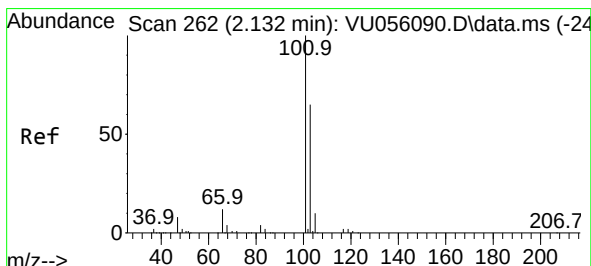
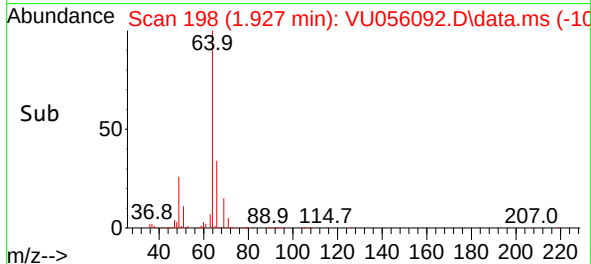
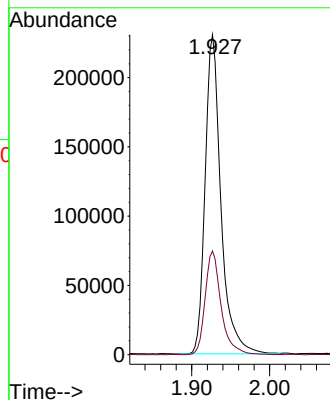
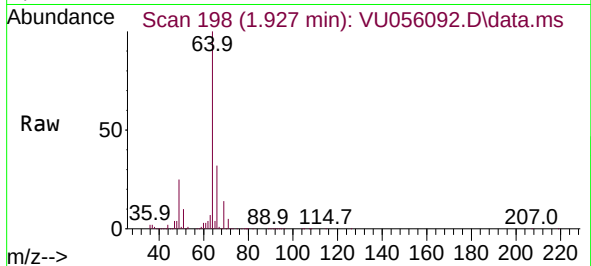




#8
Chloroethane
Concen: 18.088 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

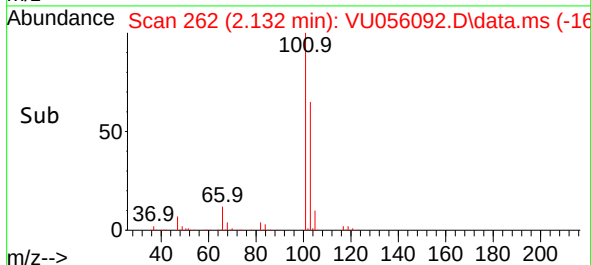
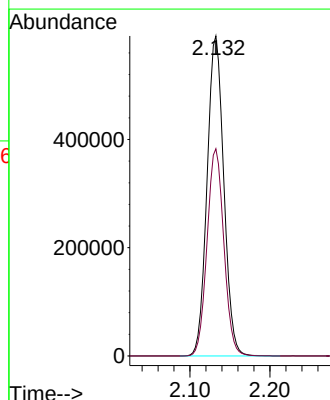
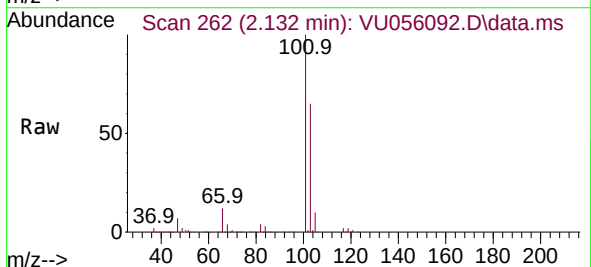
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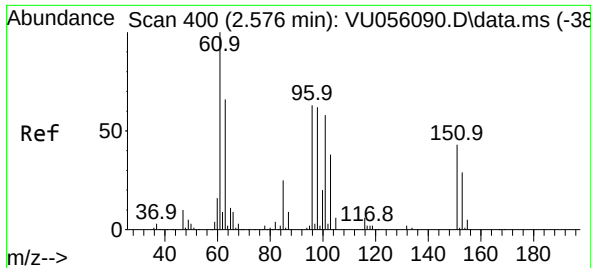
Tgt Ion: 64 Resp: 324859
Ion Ratio Lower Upper
64 100
66 32.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 19.647 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion: 101 Resp: 860782
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

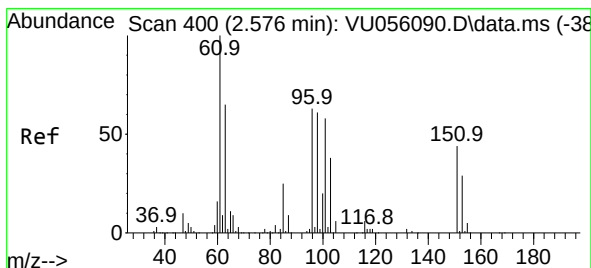
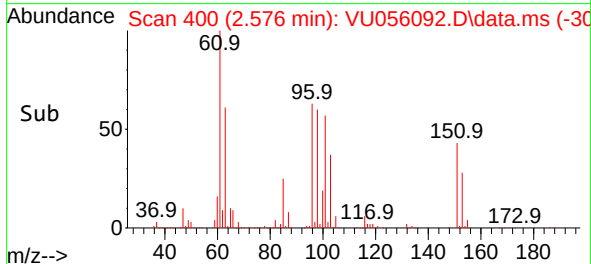
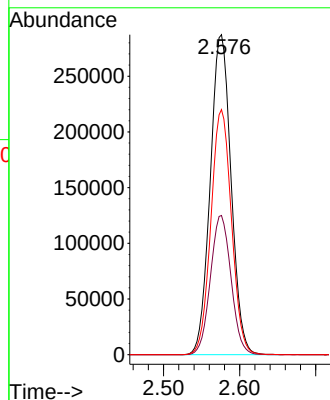
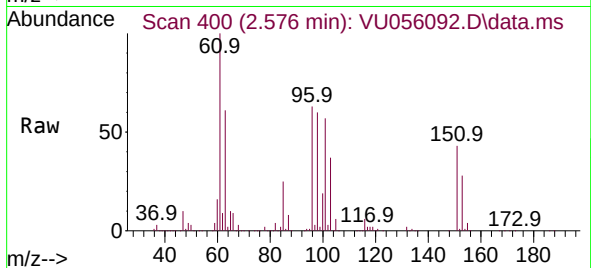




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.586 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

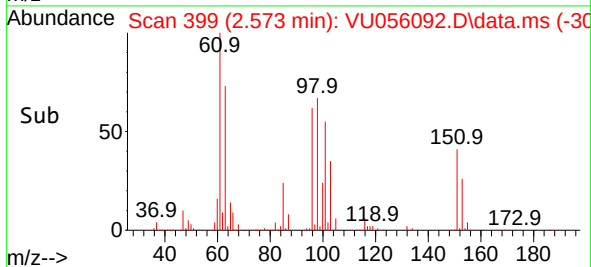
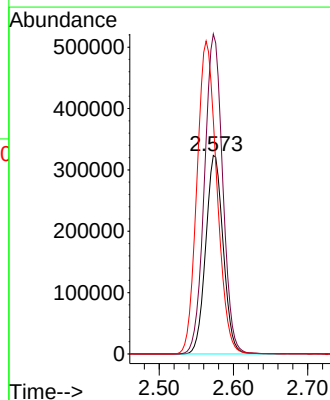
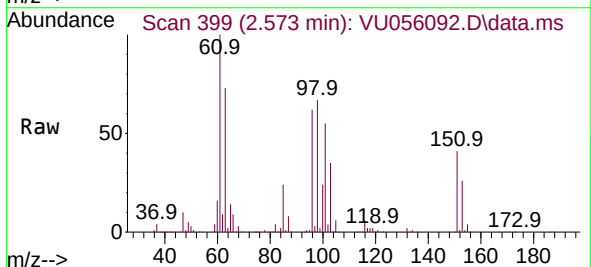
Instrument :
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 ClientSampleId :

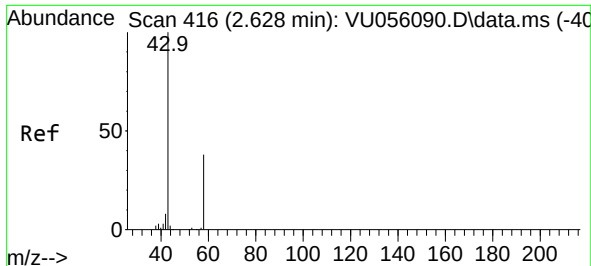
Tgt Ion:101 Resp: 546661
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.2 51.4
 151 75.7 59.3 88.9



#12
 1,1-Dichloroethene
 Concen: 20.439 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

Tgt Ion: 96 Resp: 529455
 Ion Ratio Lower Upper
 96 100
 61 161.2 111.7 207.5
 63 118.0 74.5 138.3





#13

Acetone

Concen: 195.346 ug/L

RT: 2.628 min Scan# 416

Delta R.T. -0.000 min

Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

Instrument :

MSVOA_U

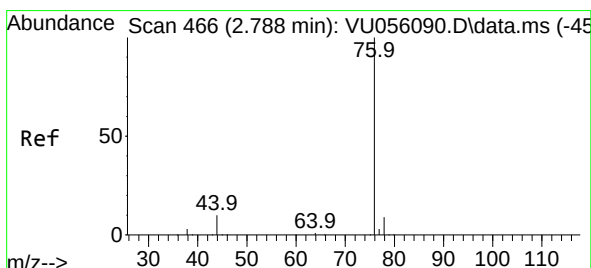
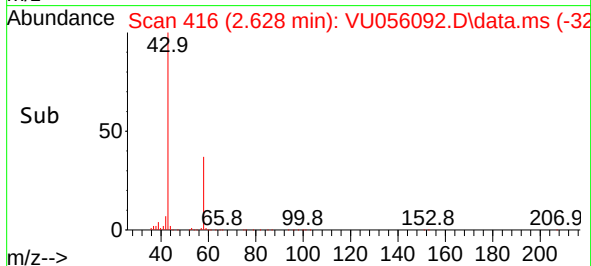
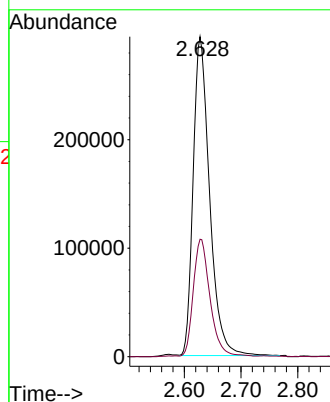
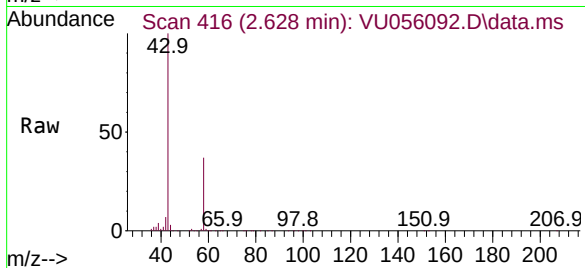
ClientSampleId :

Tgt Ion: 43 Resp: 591279

Ion Ratio Lower Upper

43 100

58 37.0 0.0 74.4



#14

Carbon disulfide

Concen: 20.172 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056092.D

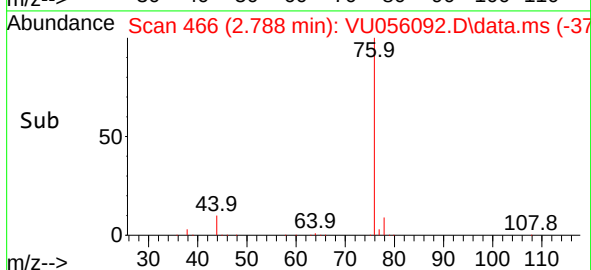
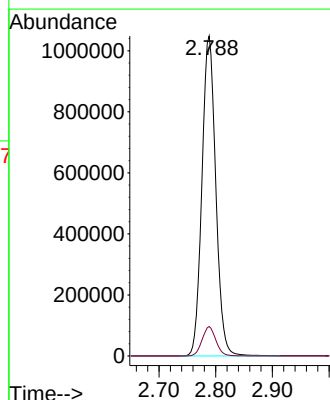
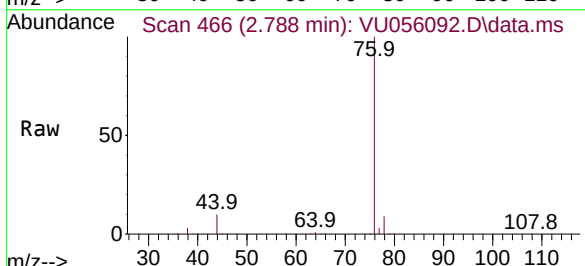
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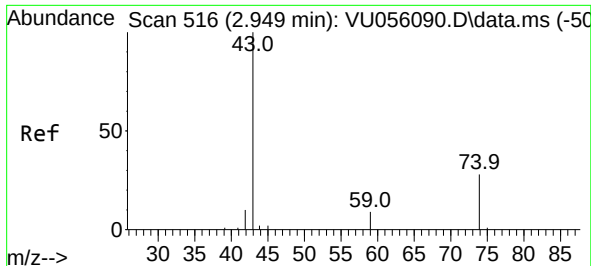
Tgt Ion: 76 Resp: 1780671

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

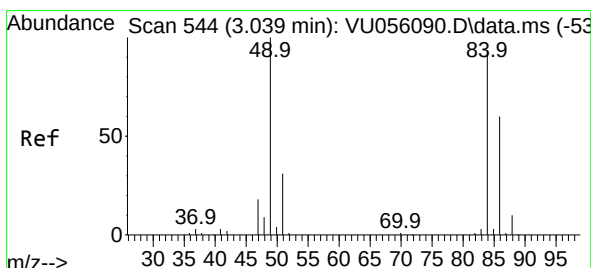
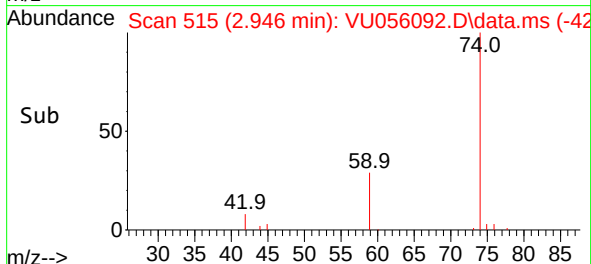
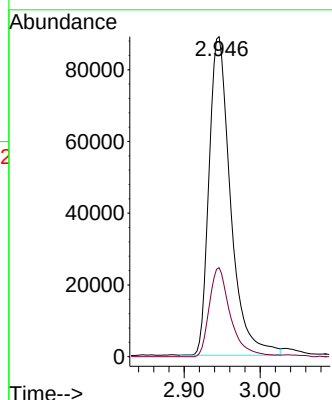
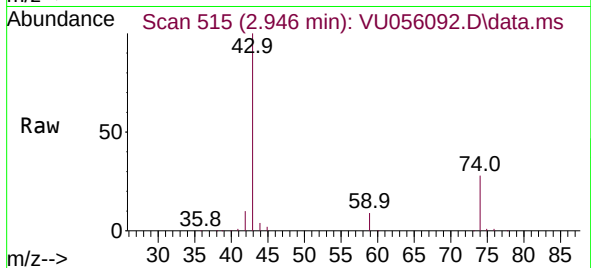




#15
Methyl Acetate
Concen: 20.500 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

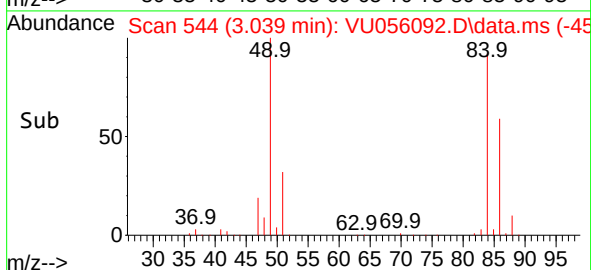
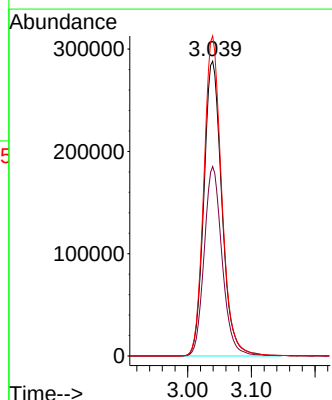
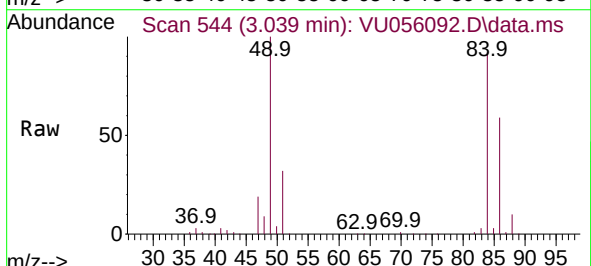
Instrument :
MSVOA_U
ClientSampleId :

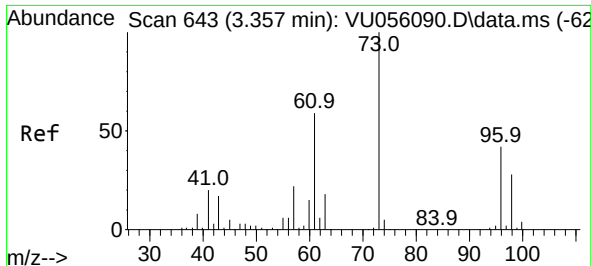
Tgt Ion: 43 Resp: 175077
Ion Ratio Lower Upper
43 100
74 27.5 23.3 34.9



#16
Methylene chloride
Concen: 19.092 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion: 84 Resp: 567135
Ion Ratio Lower Upper
84 100
86 64.3 44.9 83.5
49 108.6 75.0 139.4



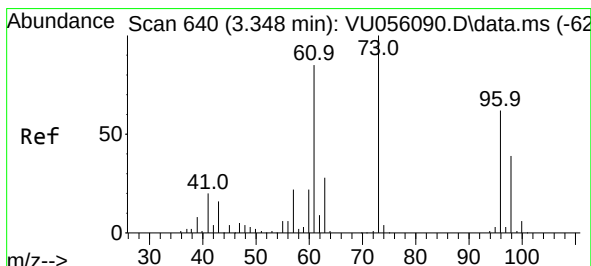
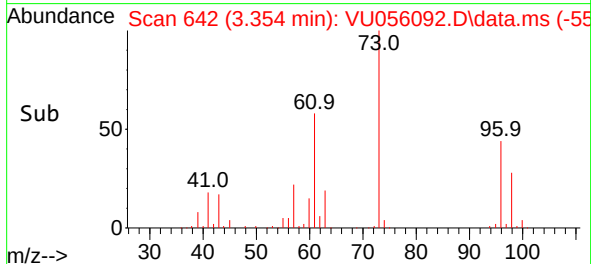
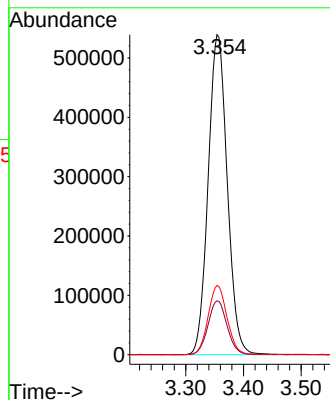
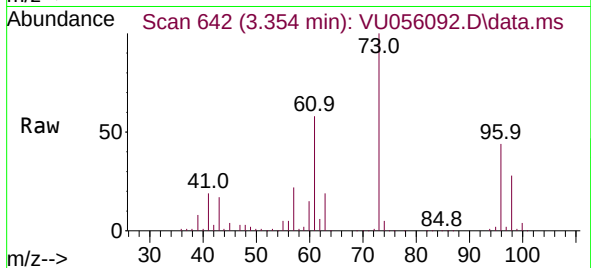


#17
Methyl tert-butyl Ether
Concen: 21.206 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 1237622

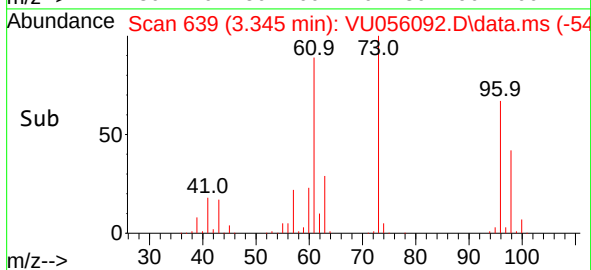
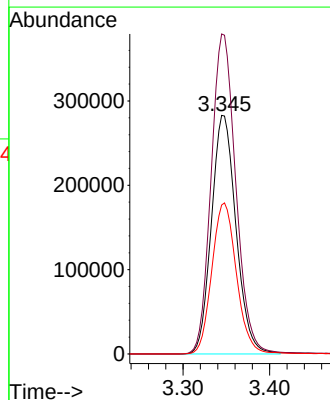
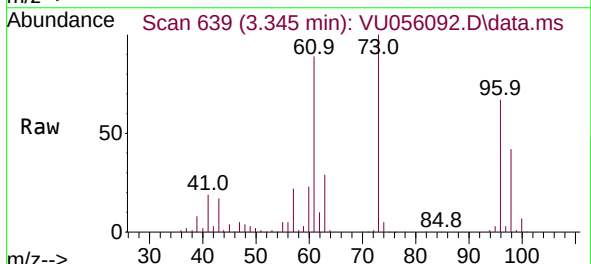
Ion	Ratio	Lower	Upper
73	100		
43	16.8	13.6	20.4
57	21.4	17.3	25.9

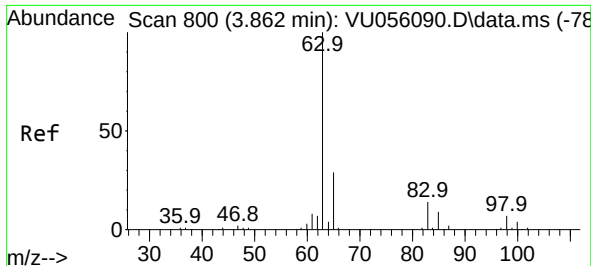


#18
trans-1,2-Dichloroethene
Concen: 20.321 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion: 96 Resp: 557846

Ion	Ratio	Lower	Upper
96	100		
61	134.1	96.7	179.5
98	62.4	44.3	82.3





#19

1,1-Dichloroethane

Concen: 20.028 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

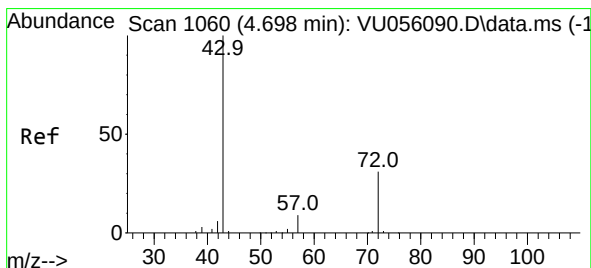
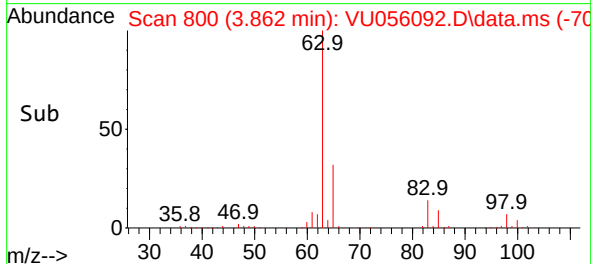
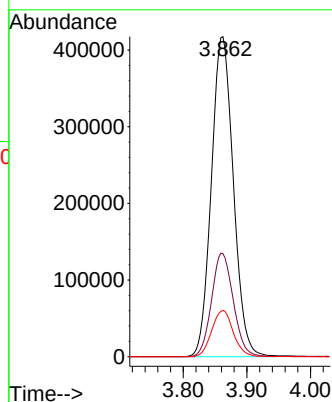
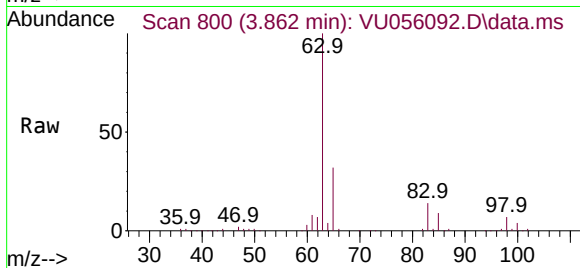
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63 Resp: 1002873

Ion	Ratio	Lower	Upper
63	100		
65	32.2	20.6	38.2
83	14.4	9.6	17.8



#21

2-Butanone

Concen: 215.504 ug/L

RT: 4.695 min Scan# 1059

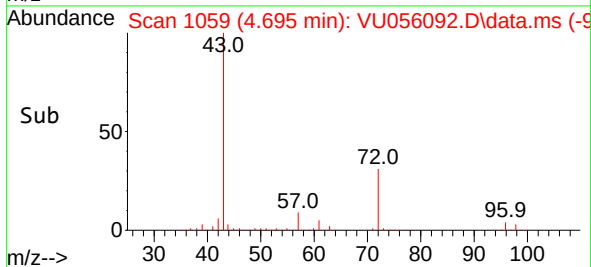
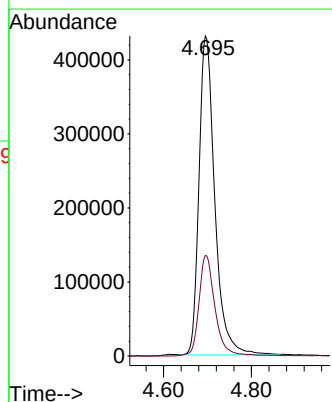
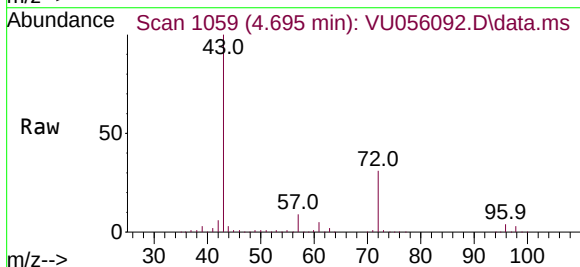
Delta R.T. -0.003 min

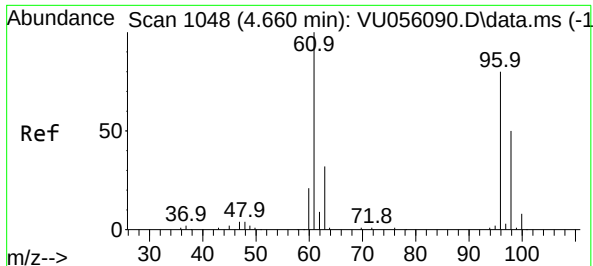
Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

Tgt Ion: 43 Resp: 1075745

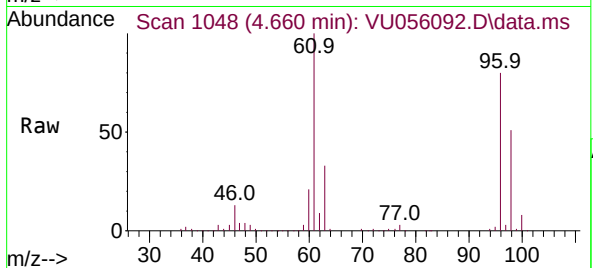
Ion	Ratio	Lower	Upper
43	100		
72	31.9	15.7	47.0





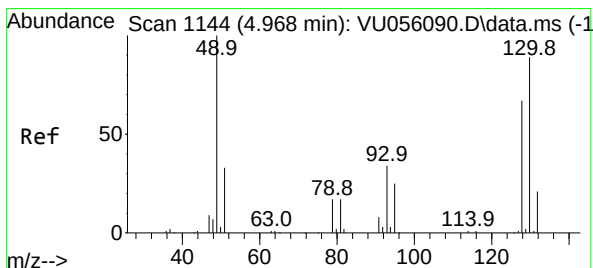
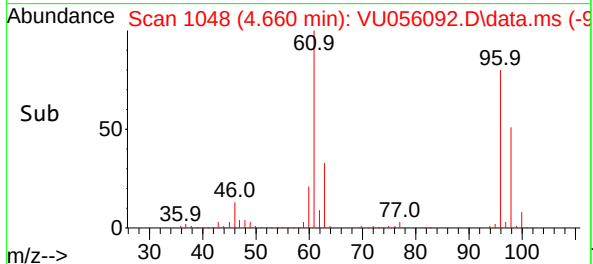
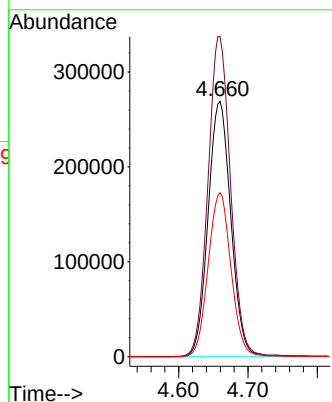
#22
 cis-1,2-Dichloroethene
 Concen: 20.733 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 614382

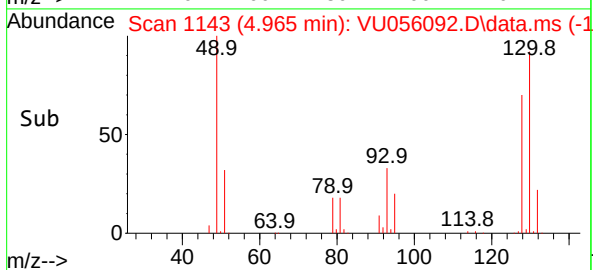
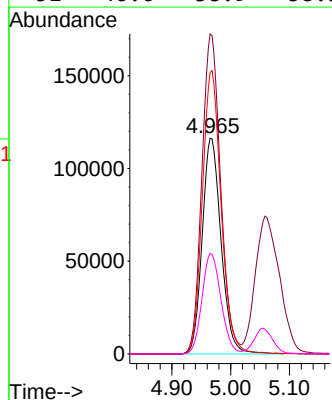
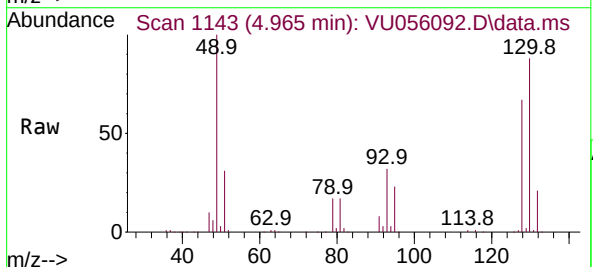
Ion	Ratio	Lower	Upper
96	100		
61	125.2	87.8	163.2
98	64.2	43.5	80.7

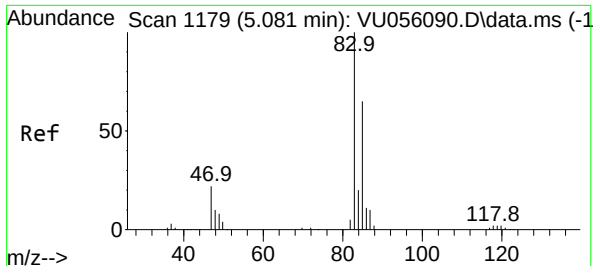


#23
 Bromochloromethane
 Concen: 19.700 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

Tgt Ion: 128 Resp: 259019

Ion	Ratio	Lower	Upper
128	100		
49	148.3	103.7	192.7
130	130.3	91.8	170.6
51	46.6	38.9	58.3

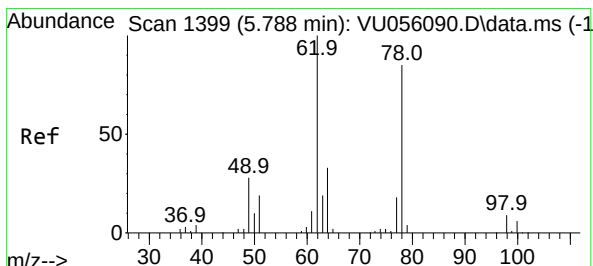
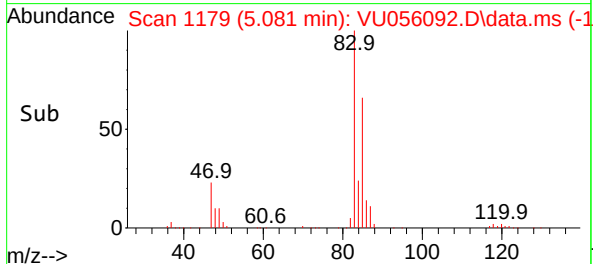
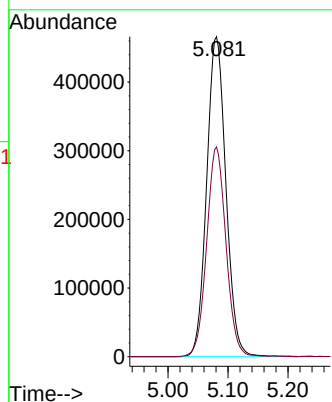
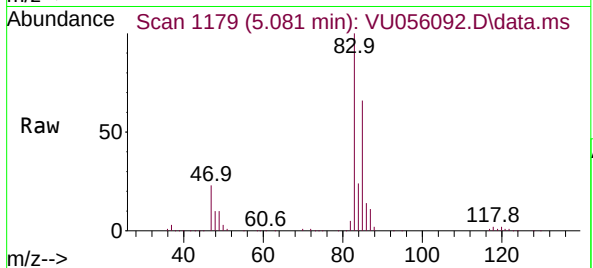




#25
Chloroform
Concen: 19.481 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

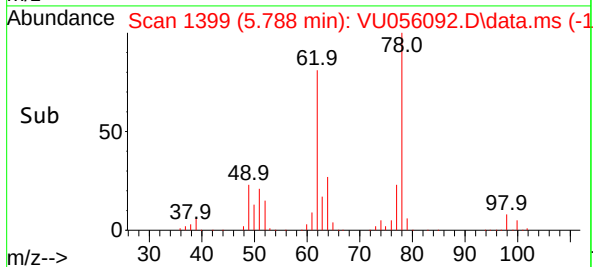
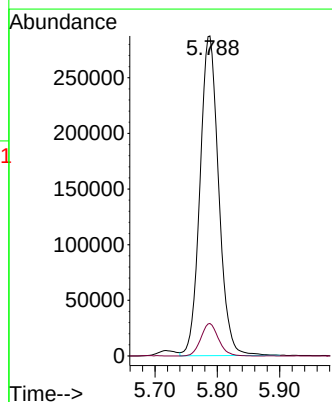
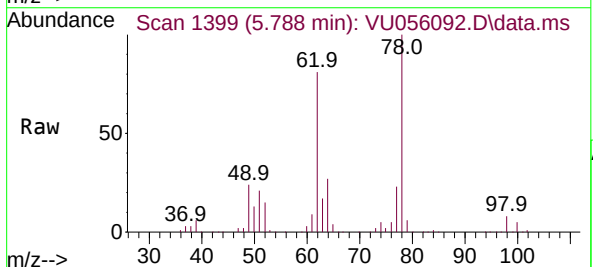
Instrument :
MSVOA_U
ClientSampleId :

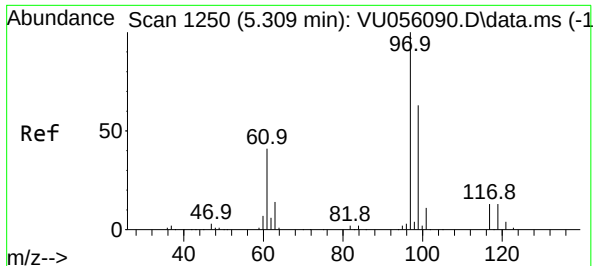
Tgt Ion: 83 Resp: 1039453
Ion Ratio Lower Upper
83 100
85 65.6 45.3 84.1



#27
1,2-Dichloroethane
Concen: 19.816 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion: 62 Resp: 598434
Ion Ratio Lower Upper
62 100
98 10.1 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 20.698 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

Instrument :

MSVOA_U

ClientSampleId :

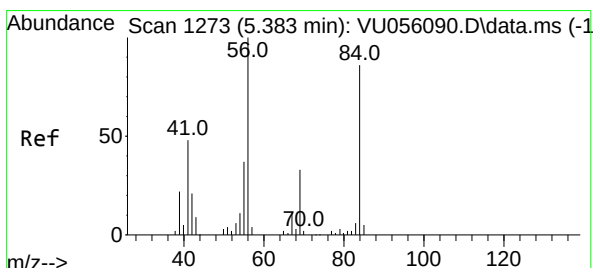
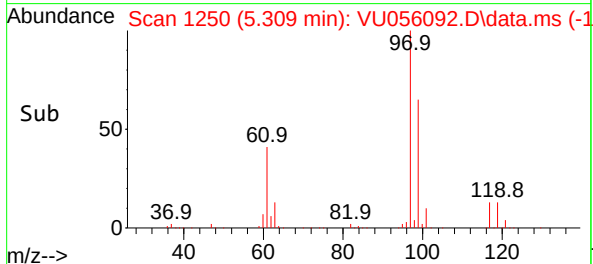
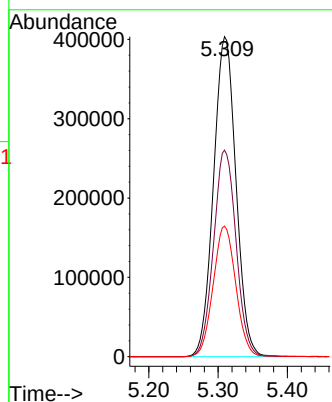
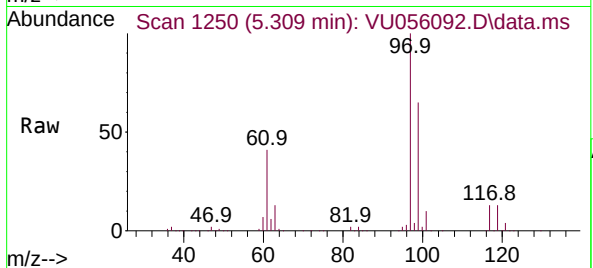
Tgt Ion: 97 Resp: 910801

Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 41.1 33.4 50.0



#30

Cyclohexane

Concen: 21.750 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

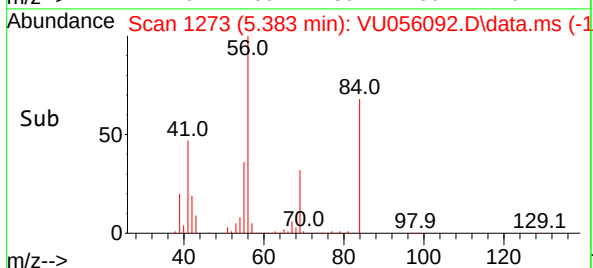
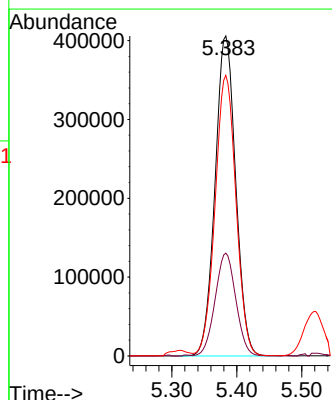
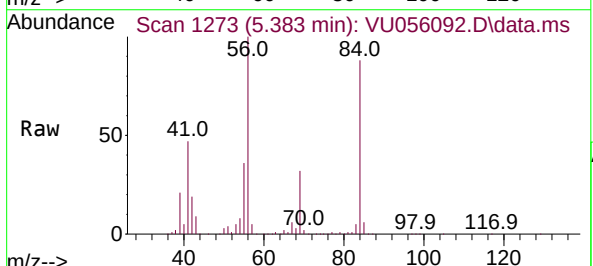
Tgt Ion: 56 Resp: 894202

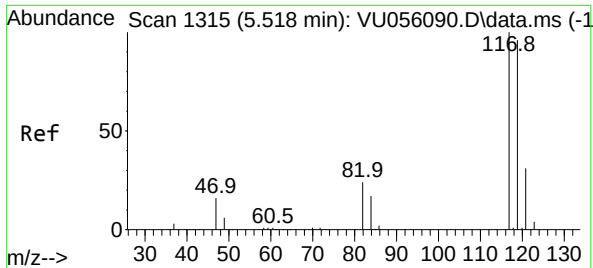
Ion Ratio Lower Upper

56 100

69 32.2 26.6 39.8

84 88.7 70.4 105.6

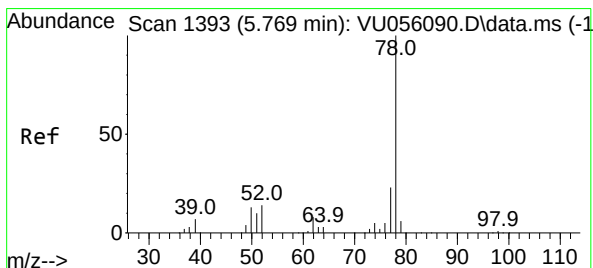
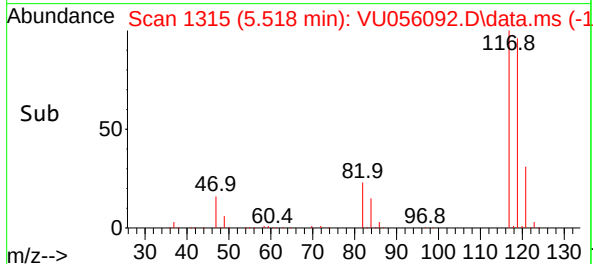
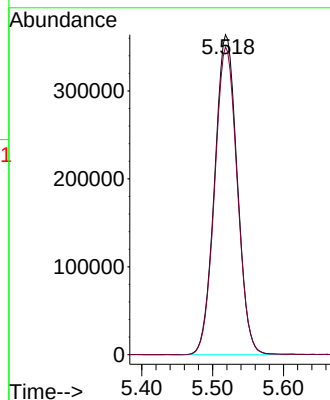
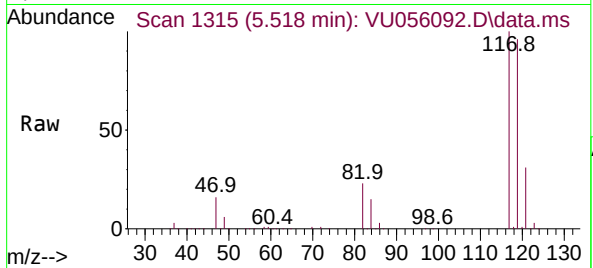




#31
Carbon tetrachloride
Concen: 20.598 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

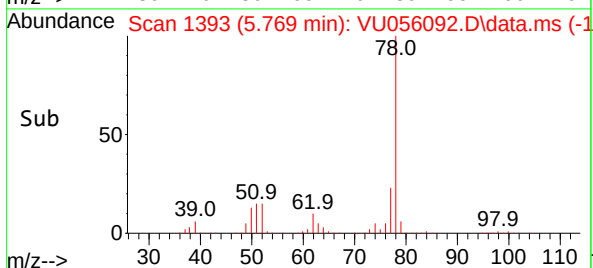
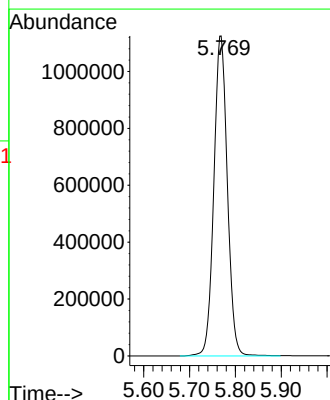
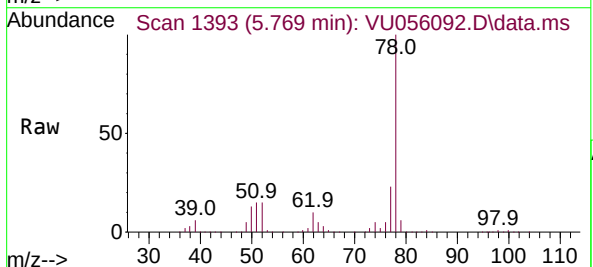
Instrument :
MSVOA_U
ClientSampleId :

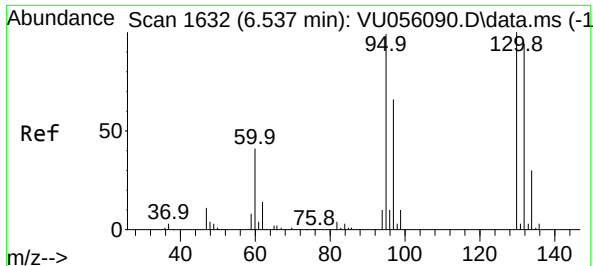
Tgt Ion:117 Resp: 804826
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8



#33
Benzene
Concen: 20.935 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion: 78 Resp: 2302491





#34

Trichloroethene

Concen: 20.769 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 623932

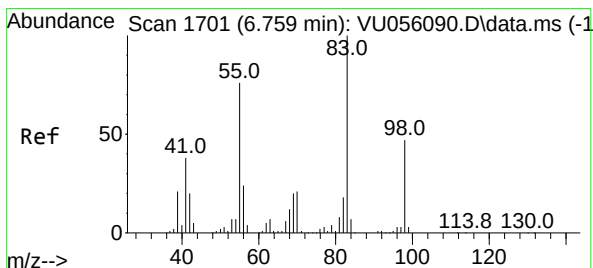
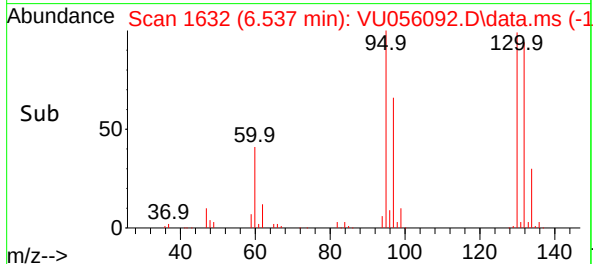
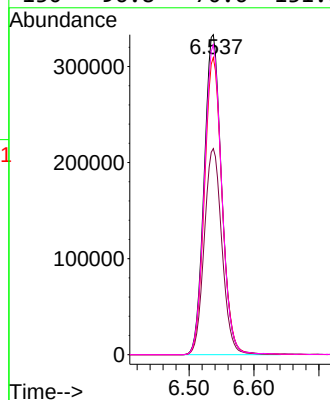
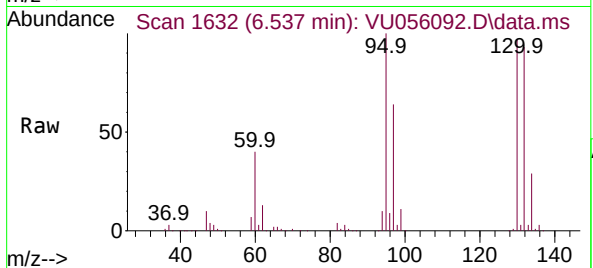
Ion Ratio Lower Upper

95 100

97 64.4 46.8 87.0

132 92.9 66.5 123.5

130 96.8 70.6 131.0



#35

Methylcyclohexane

Concen: 21.835 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

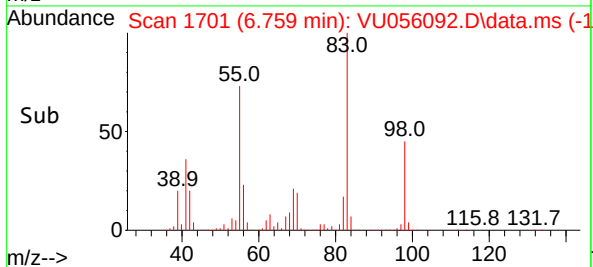
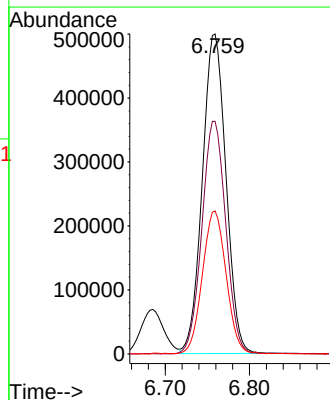
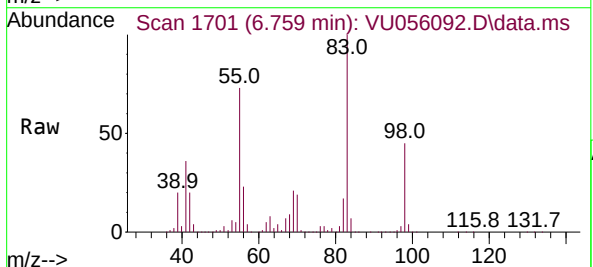
Tgt Ion: 83 Resp: 974900

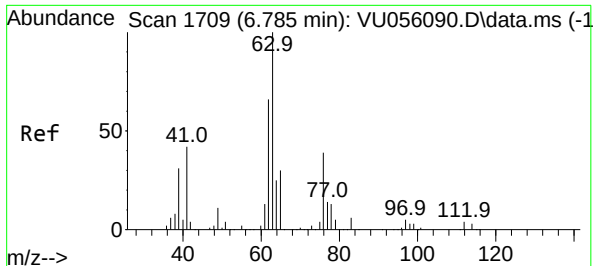
Ion Ratio Lower Upper

83 100

55 73.7 60.6 91.0

98 44.7 36.2 54.4





#37

1,2-Dichloropropane

Concen: 20.277 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

Instrument :

MSVOA_U

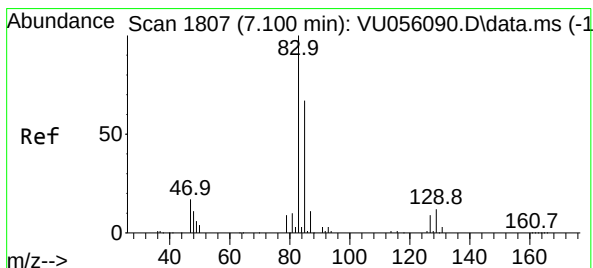
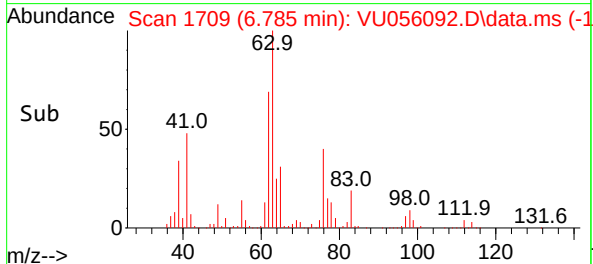
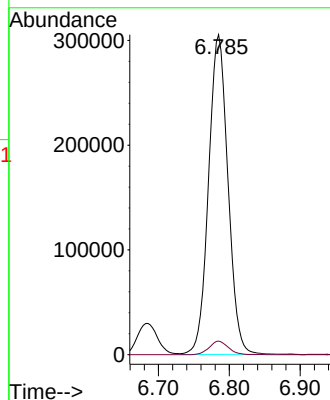
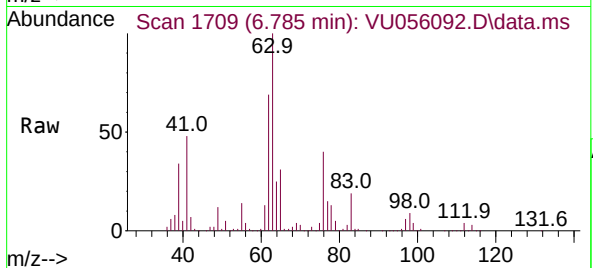
ClientSampleId :

Tgt Ion: 63 Resp: 579939

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 20.460 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

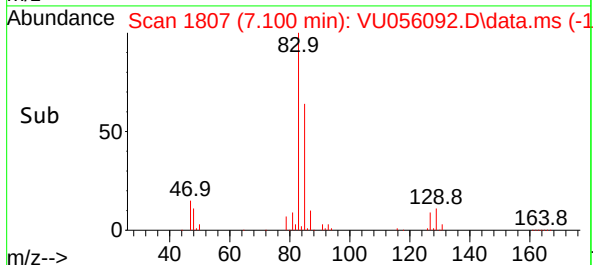
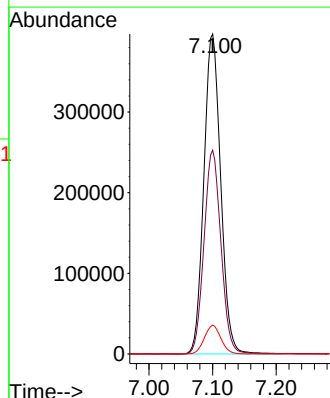
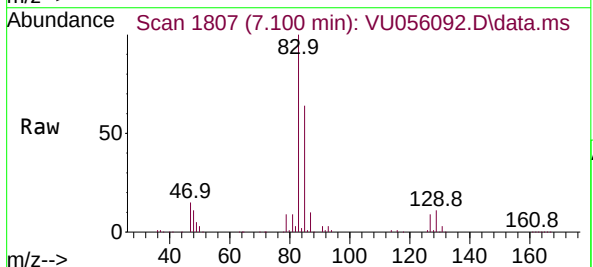
Tgt Ion: 83 Resp: 730734

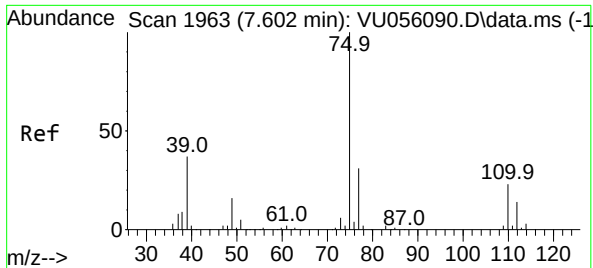
Ion Ratio Lower Upper

83 100

85 63.7 46.6 86.6

127 9.0 7.3 10.9

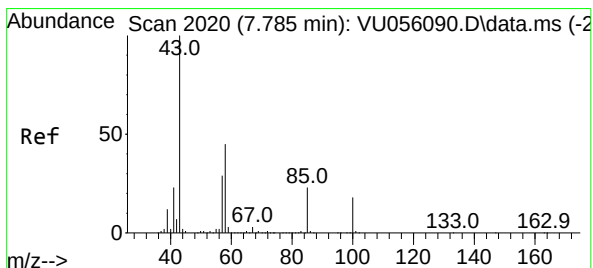
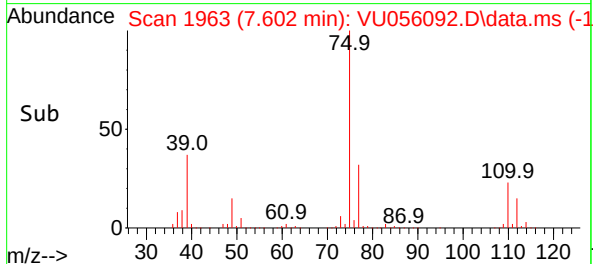
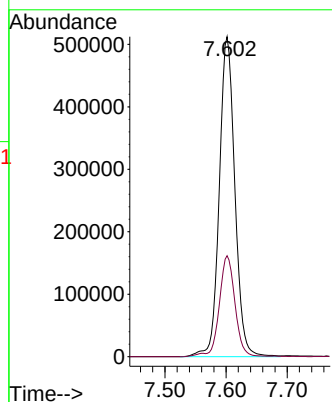
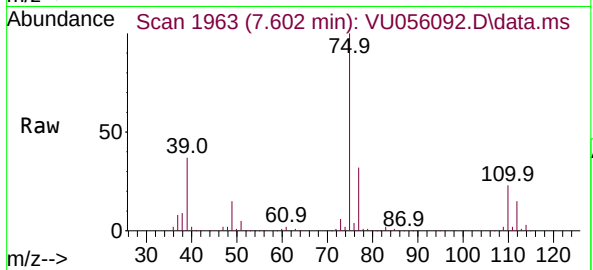




#39
 cis-1,3-Dichloropropene
 Concen: 22.477 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

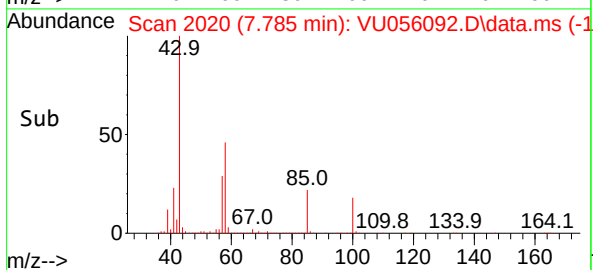
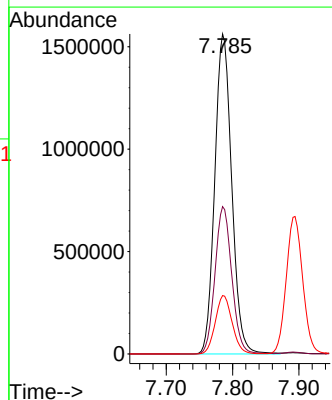
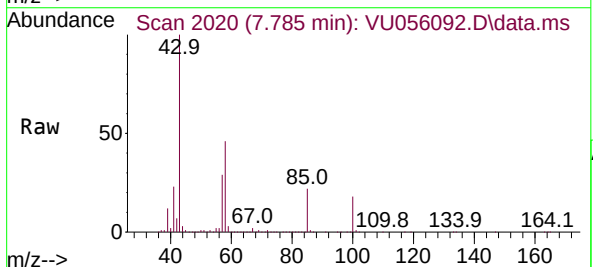
Instrument :
 MSVOA_U
 ClientSampleId :

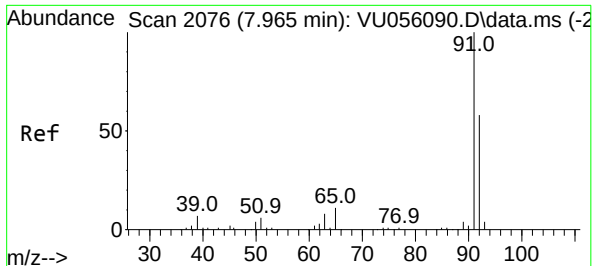
Tgt Ion: 75 Resp: 907321
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 221.522 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

Tgt Ion: 43 Resp: 2771297
 Ion Ratio Lower Upper
 43 100
 58 45.6 36.0 54.0
 100 18.2 14.2 21.4





#42

Toluene

Concen: 21.236 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

Instrument :

MSVOA_U

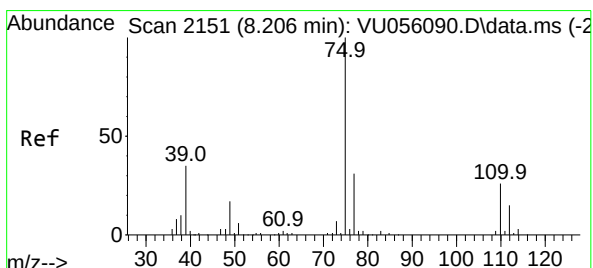
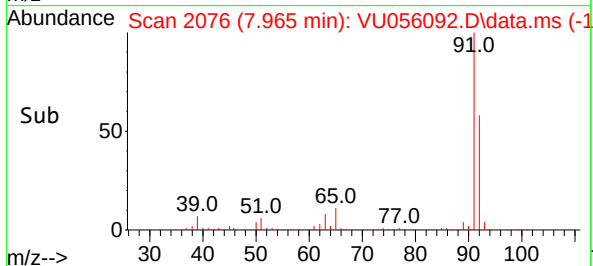
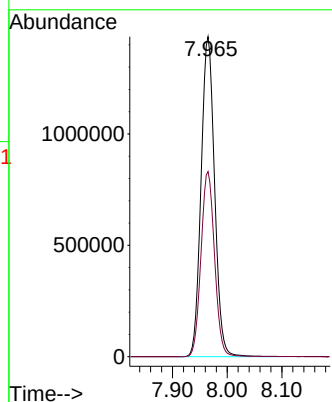
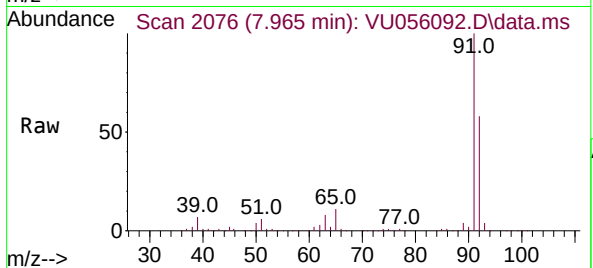
ClientSampleId :

Tgt Ion: 91 Resp: 2462236

Ion Ratio Lower Upper

91 100

92 57.8 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 21.876 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU056092.D

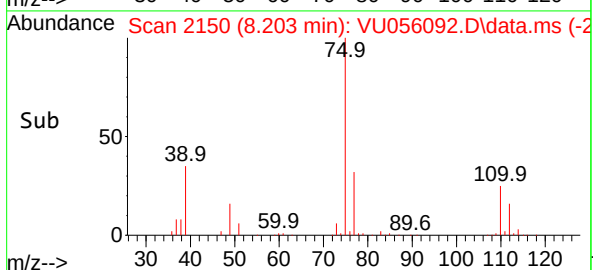
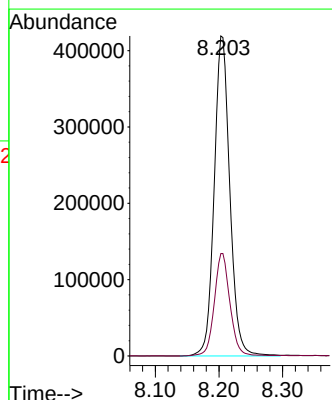
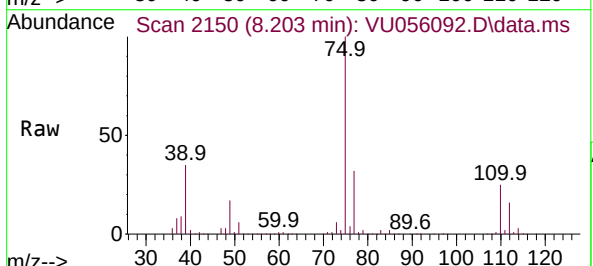
Acq: 07 Nov 2023 10:34

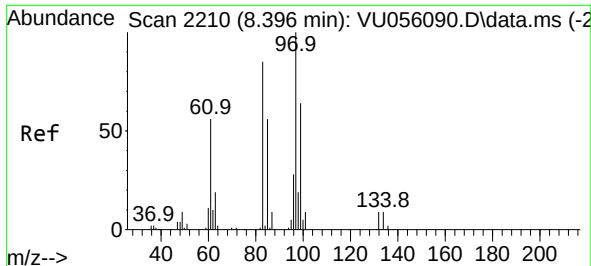
Tgt Ion: 75 Resp: 714994

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3

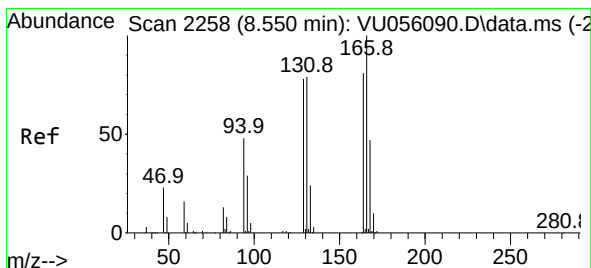
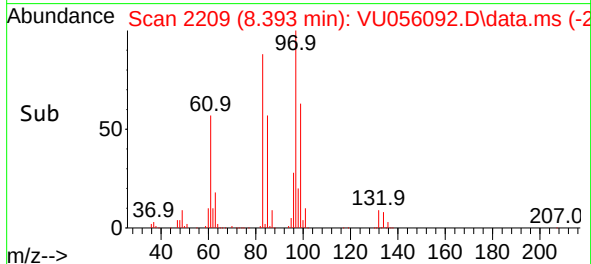
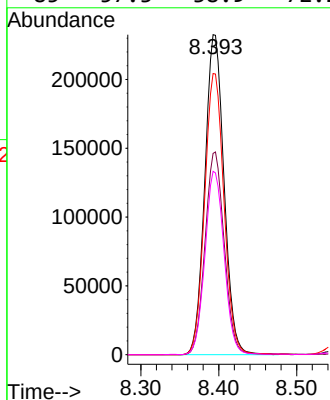
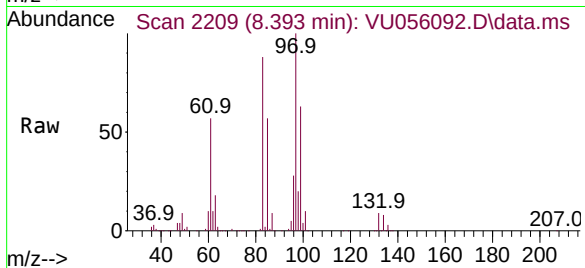




#45
1,1,2-Trichloroethane
Concen: 20.421 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

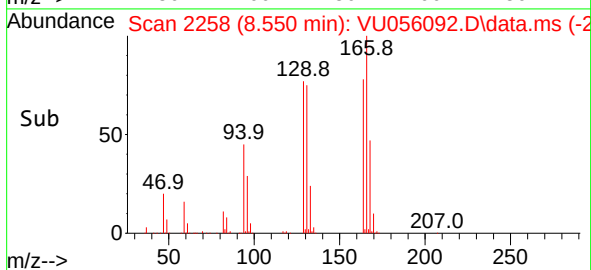
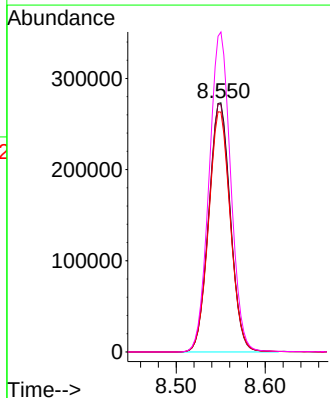
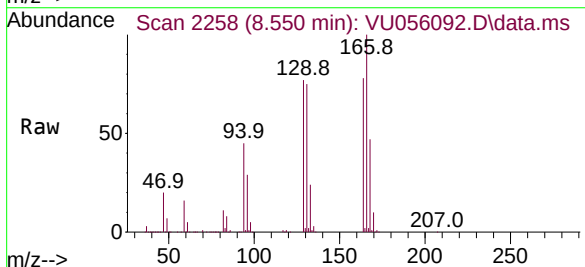
Instrument :
MSVOA_U
ClientSampleId :

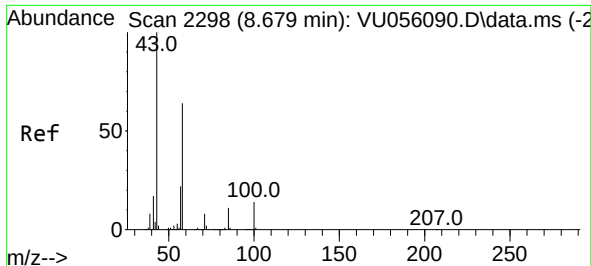
Tgt Ion: 97 Resp: 399274
Ion Ratio Lower Upper
97 100
99 62.9 44.7 82.9
83 87.9 59.4 110.2
85 57.3 38.9 72.2



#47
Tetrachloroethene
Concen: 20.461 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion: 164 Resp: 461340
Ion Ratio Lower Upper
164 100
129 99.2 66.6 123.8
131 96.2 67.8 126.0
166 128.4 85.9 159.5



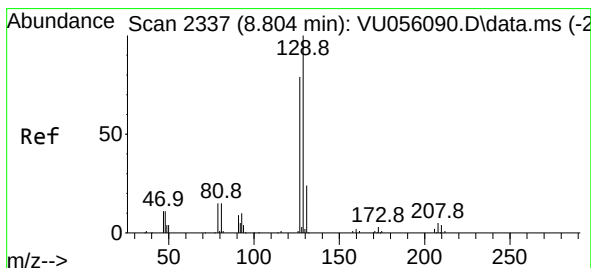
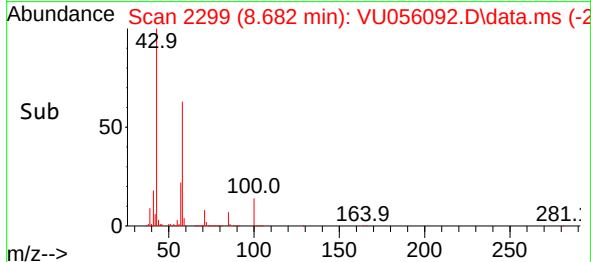
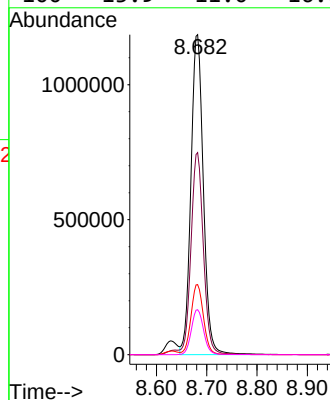
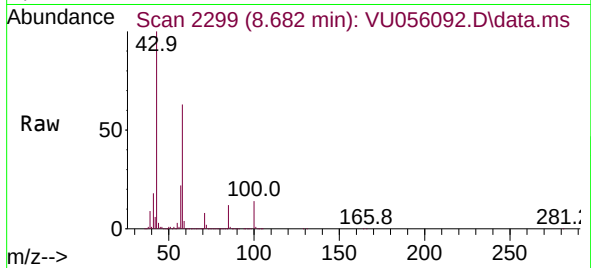


#48
2-Hexanone
Concen: 227.045 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 2031952

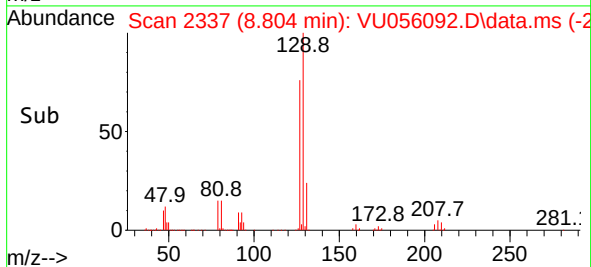
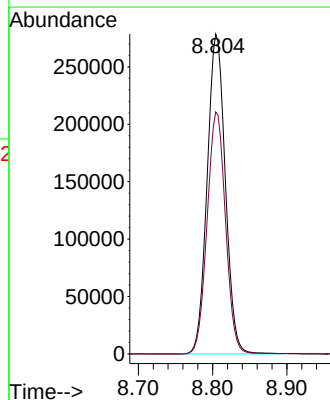
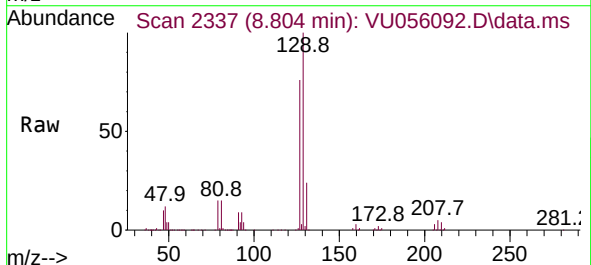
Ion	Ratio	Lower	Upper
43	100		
58	64.2	52.0	78.0
57	22.0	17.4	26.2
100	13.9	11.0	16.6

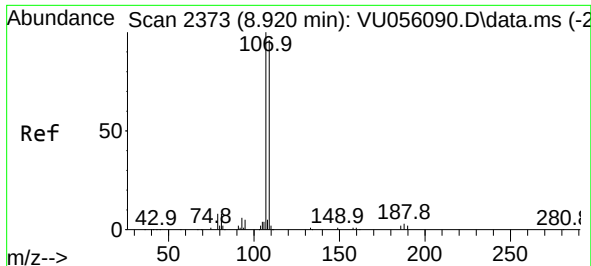


#49
Dibromochloromethane
Concen: 21.070 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion: 129 Resp: 472705

Ion	Ratio	Lower	Upper
129	100		
127	75.7	55.4	102.8





#50

1,2-Dibromoethane

Concen: 21.372 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

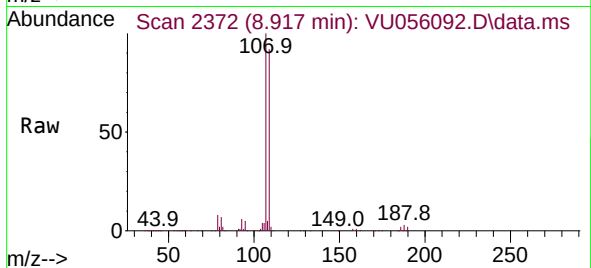
Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

Instrument :

MSVOA_U

ClientSampleId :



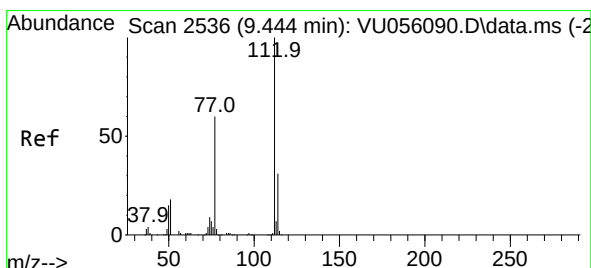
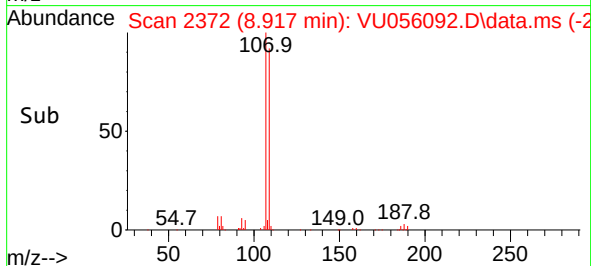
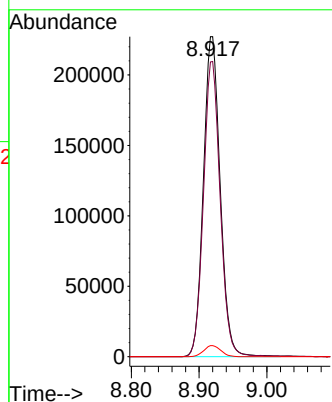
Tgt Ion:107 Resp: 390471

Ion Ratio Lower Upper

107 100

109 92.1 66.9 124.3

188 3.5 2.5 3.7



#51

Chlorobenzene

Concen: 20.519 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.003 min

Lab File: VU056092.D

Acq: 07 Nov 2023 10:34

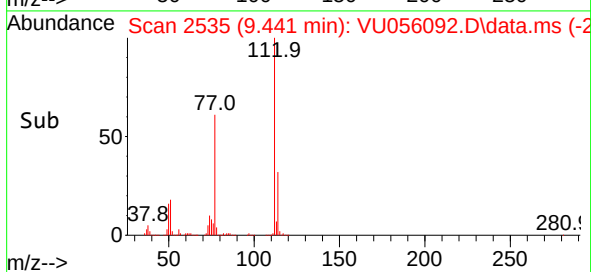
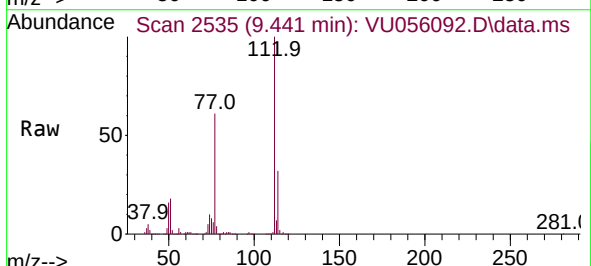
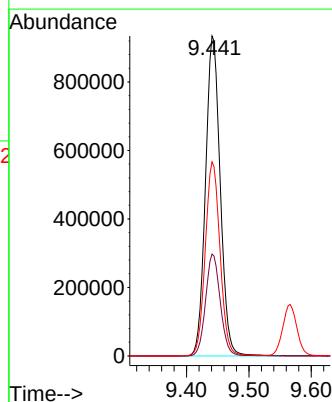
Tgt Ion:112 Resp: 1534939

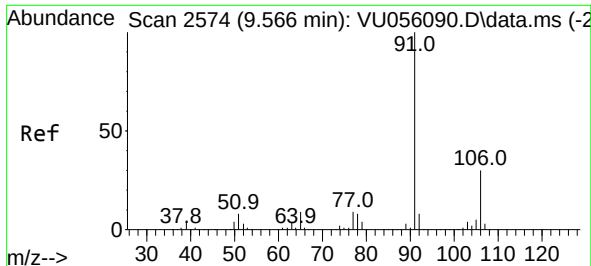
Ion Ratio Lower Upper

112 100

114 31.8 21.8 40.4

77 60.7 48.2 72.4

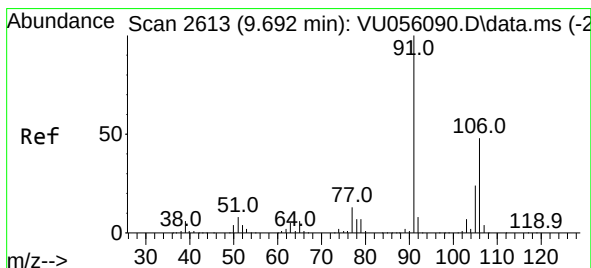
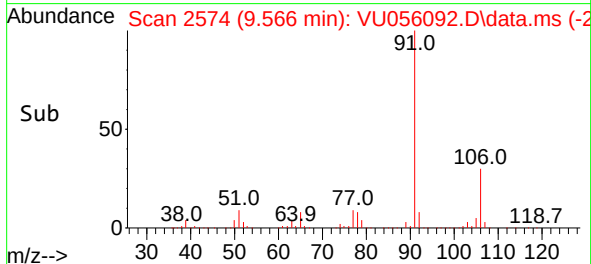
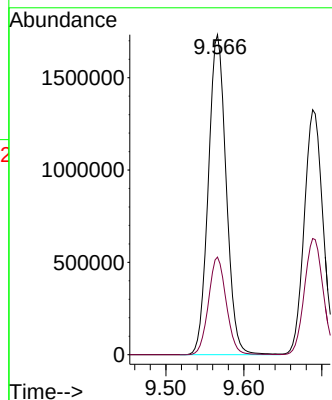
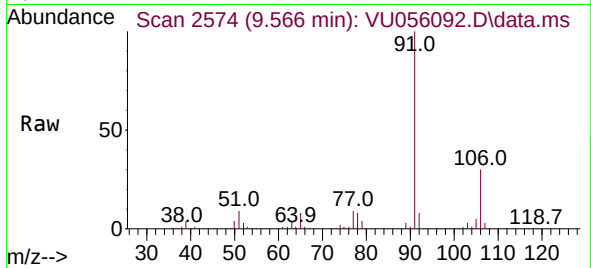




#52
Ethylbenzene
Concen: 21.792 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

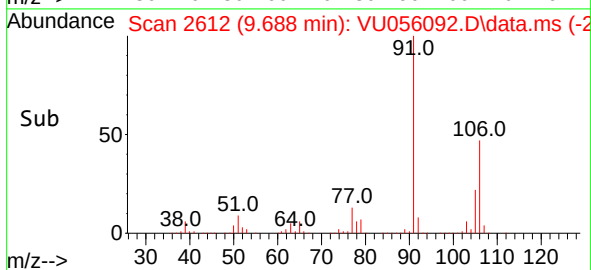
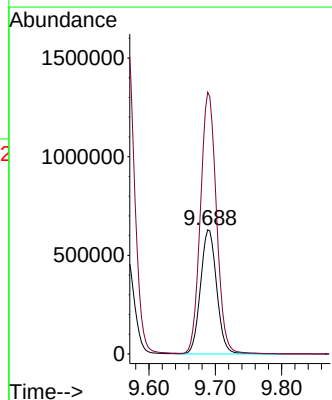
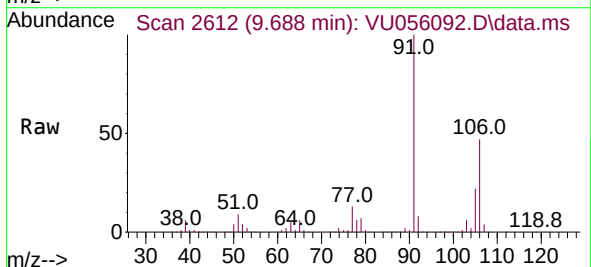
Instrument :
MSVOA_U
ClientSampleId :

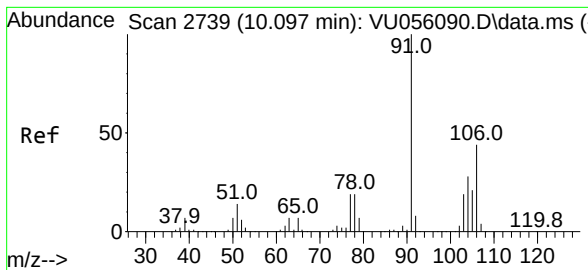
Tgt Ion: 91 Resp: 2753407
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 22.090 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion:106 Resp: 1061517
Ion Ratio Lower Upper
106 100
91 211.0 144.9 269.1

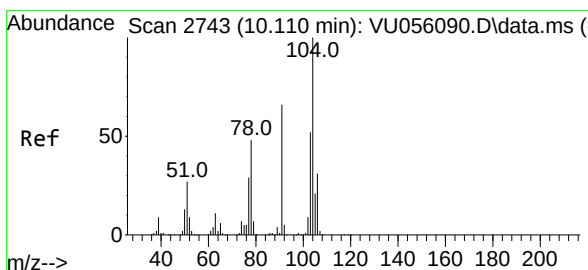
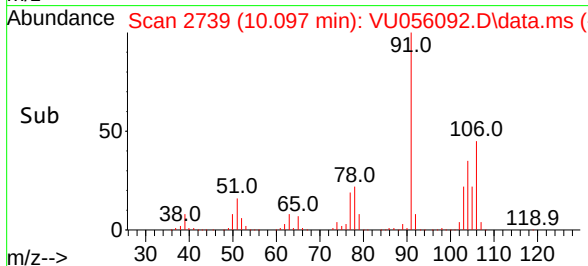
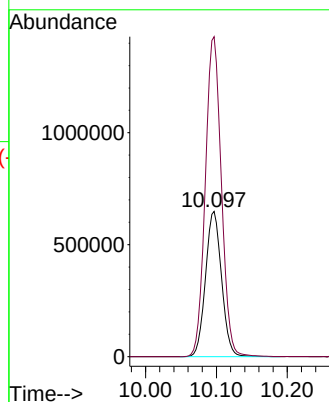
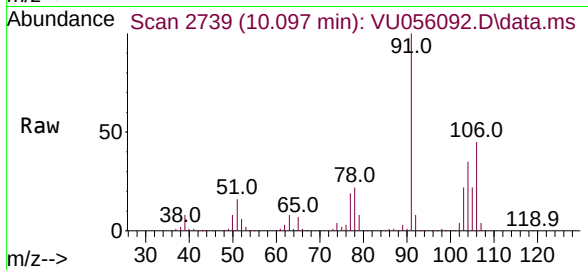




#54
o-Xylene
Concen: 22.113 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

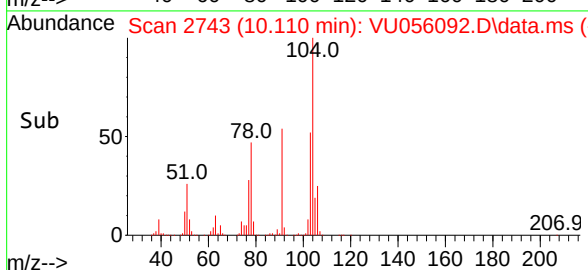
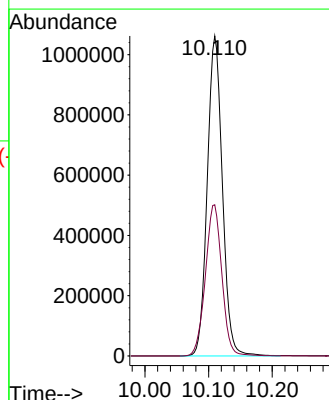
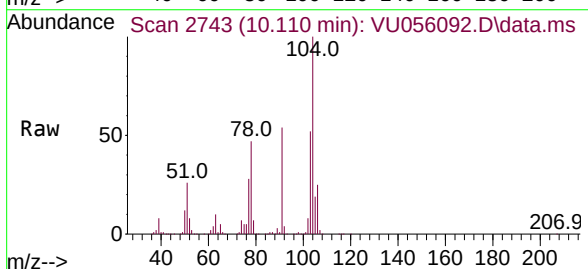
Instrument :
MSVOA_U
ClientSampleId :

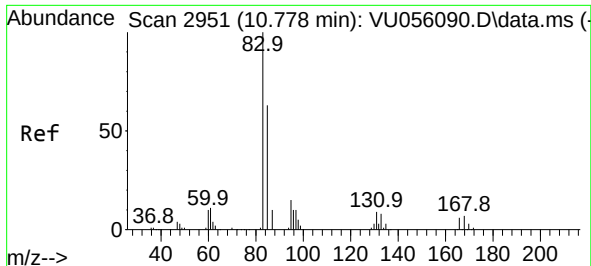
Tgt Ion:106 Resp: 1018600
Ion Ratio Lower Upper
106 100
91 220.3 158.2 293.8



#55
Styrene
Concen: 23.248 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion:104 Resp: 1751937
Ion Ratio Lower Upper
104 100
78 47.3 33.5 62.3

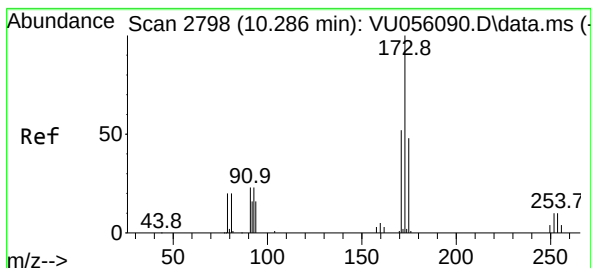
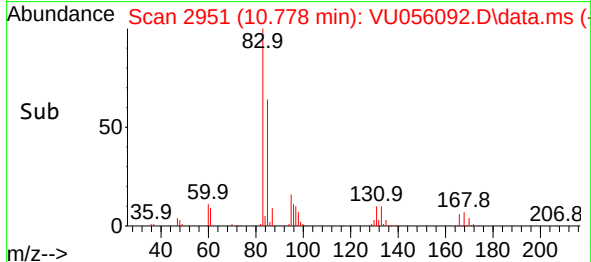
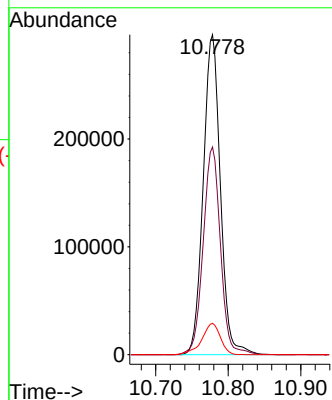
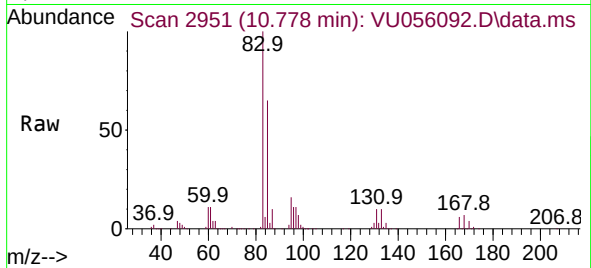




#57
1,1,2,2-Tetrachloroethane
Concen: 21.202 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

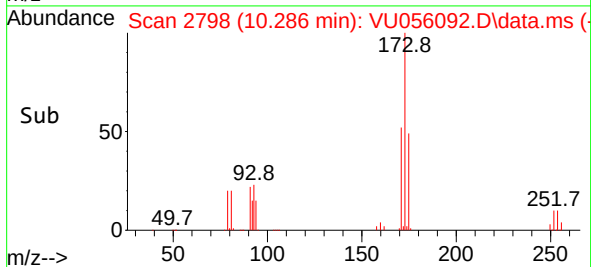
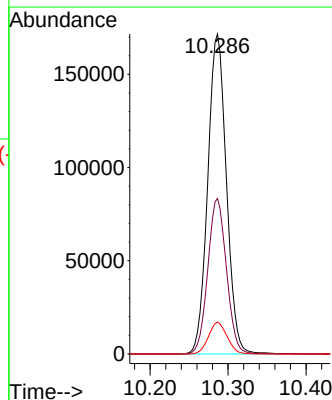
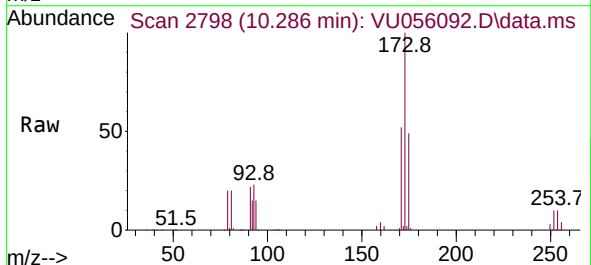
Instrument :
MSVOA_U
ClientSampleId :

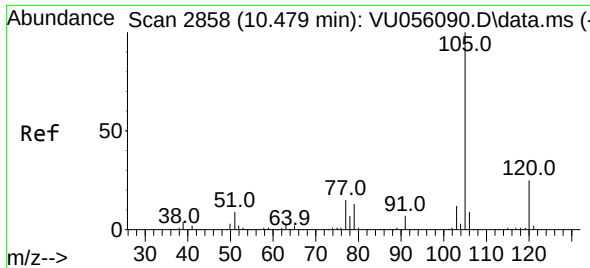
Tgt Ion: 83 Resp: 487154
Ion Ratio Lower Upper
83 100
85 64.9 44.0 81.8
131 9.8 7.4 11.2



#59
Bromoform
Concen: 19.951 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion: 173 Resp: 286000
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.4
254 9.9 8.2 12.2

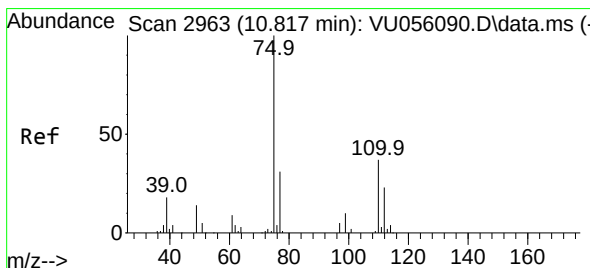
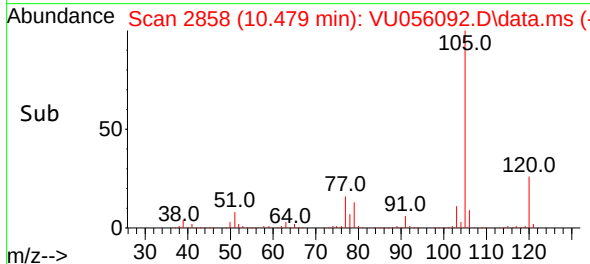
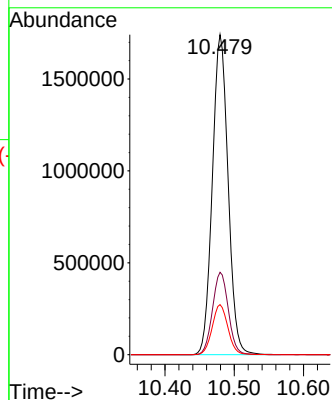
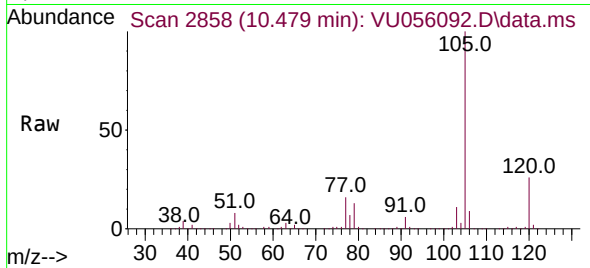




#60
Isopropylbenzene
Concen: 20.491 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

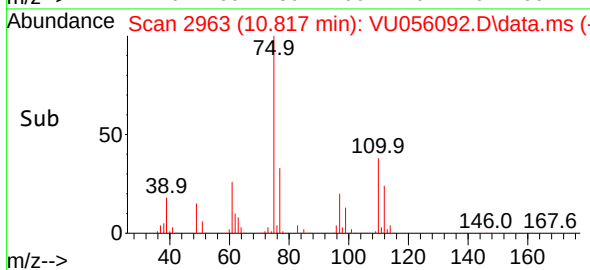
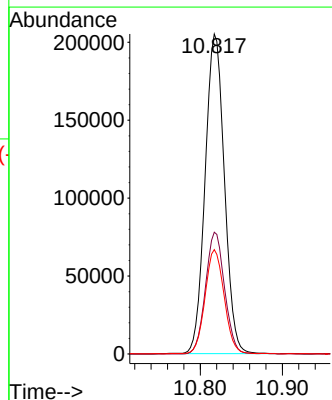
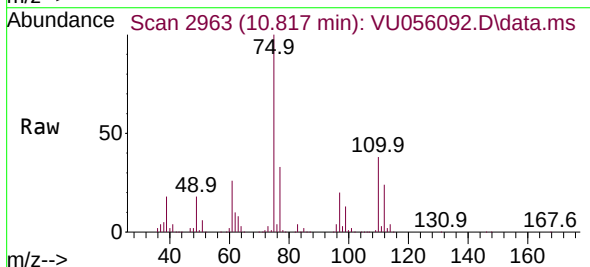
Instrument :
MSVOA_U
ClientSampleId :

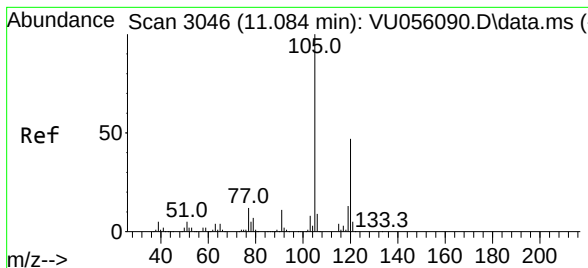
Tgt Ion:105 Resp: 2742254
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 18.764 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion: 75 Resp: 334315
Ion Ratio Lower Upper
75 100
110 37.7 29.7 44.5
77 32.0 25.5 38.3

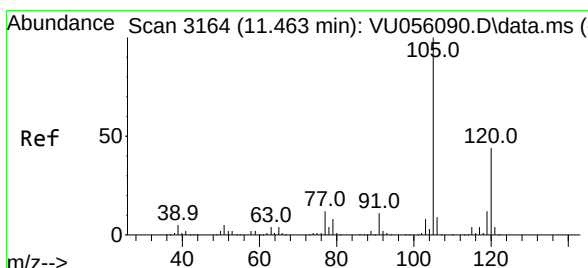
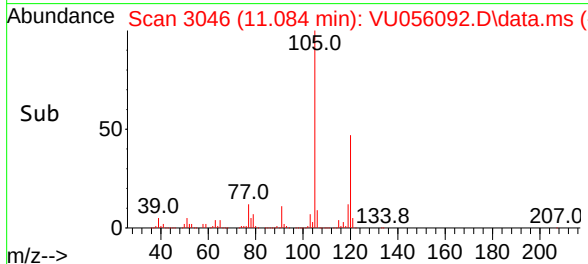
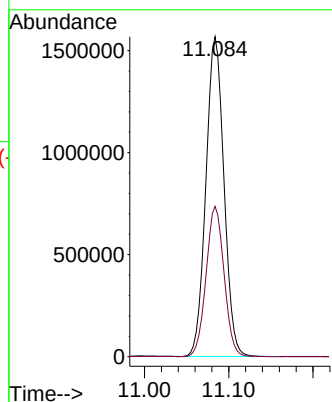
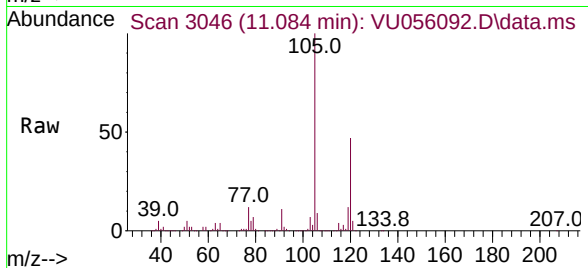




#62
1,3,5-Trimethylbenzene
Concen: 21.552 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

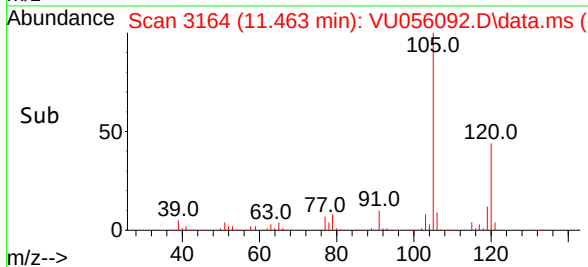
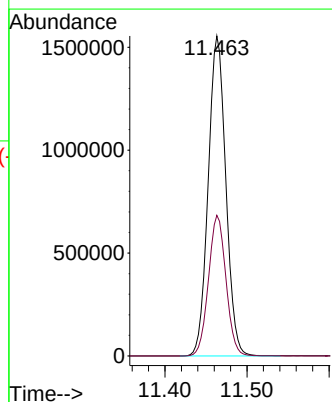
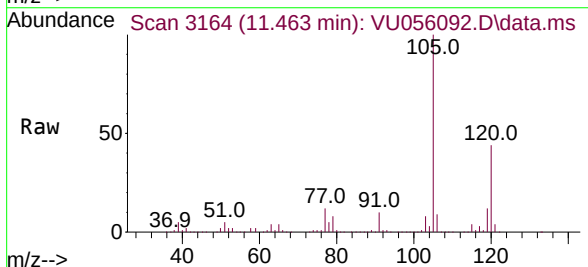
Instrument :
MSVOA_U
ClientSampleId :

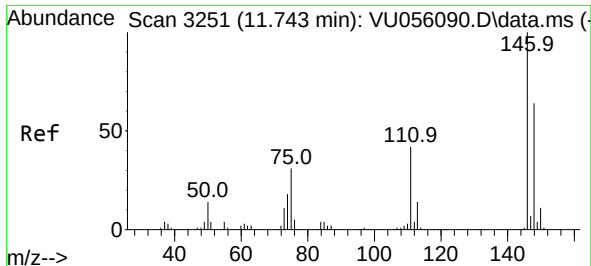
Tgt Ion:105 Resp: 2339111
Ion Ratio Lower Upper
105 100
120 46.8 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 21.805 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion:105 Resp: 2321459
Ion Ratio Lower Upper
105 100
120 43.6 35.4 53.0

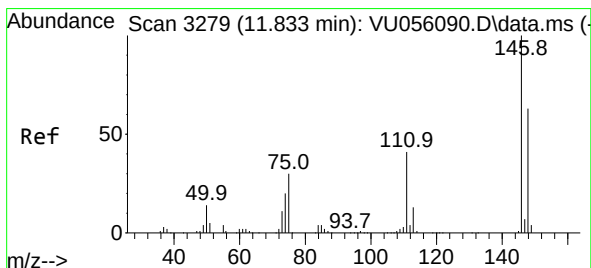
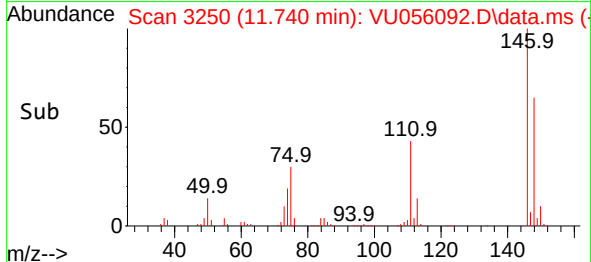
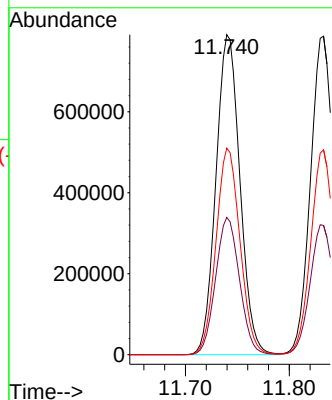
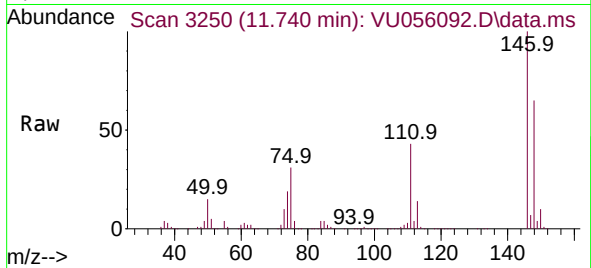




#64
1,3-Dichlorobenzene
Concen: 20.020 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

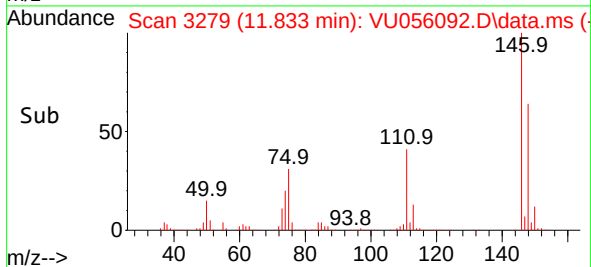
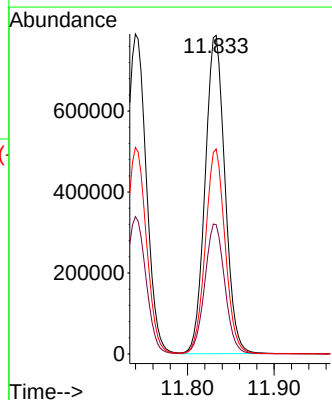
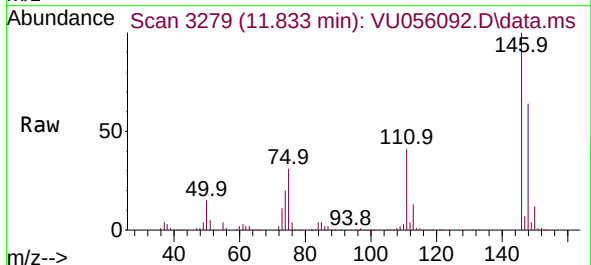
Instrument :
MSVOA_U
ClientSampleId :

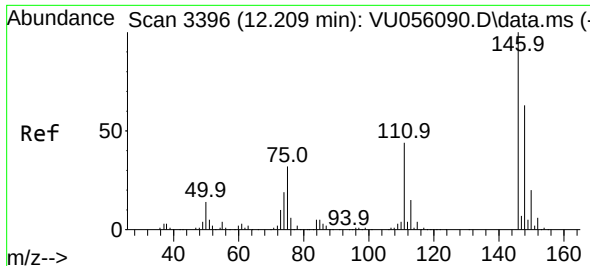
Tgt Ion:146 Resp: 1268907
Ion Ratio Lower Upper
146 100
111 42.9 29.7 55.1
148 64.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 19.979 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion:146 Resp: 1252176
Ion Ratio Lower Upper
146 100
111 40.6 29.0 53.8
148 64.3 43.9 81.5

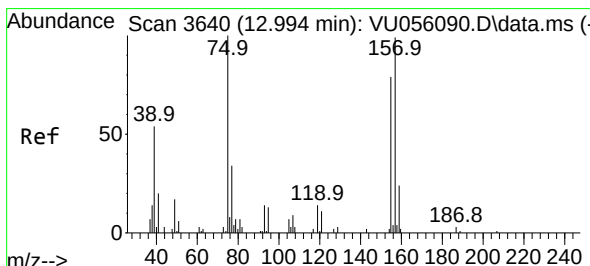
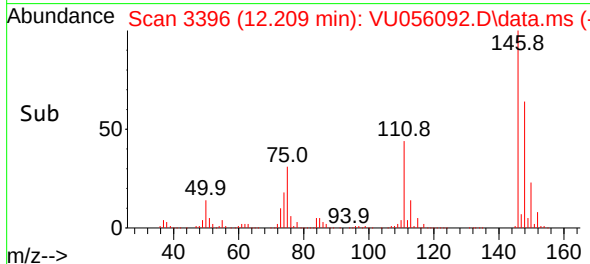
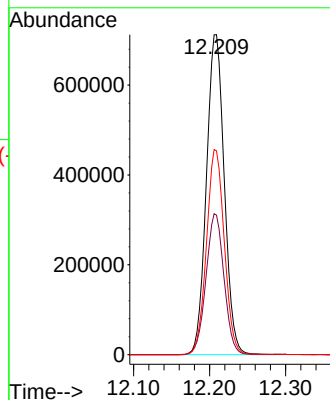
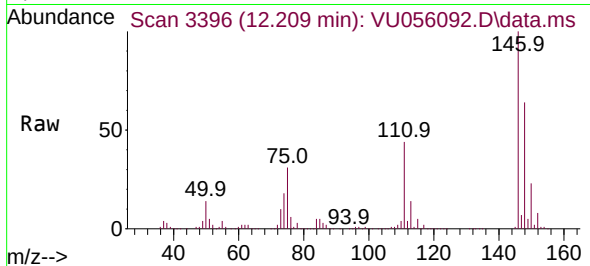




#67
1,2-Dichlorobenzene
Concen: 19.890 ug/L
RT: 12.209 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

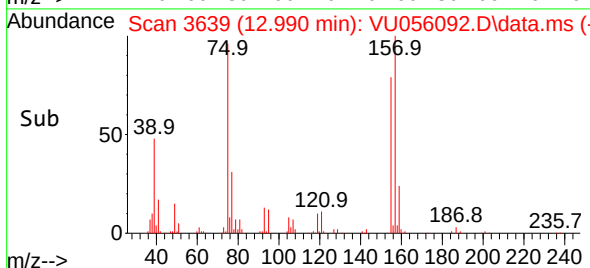
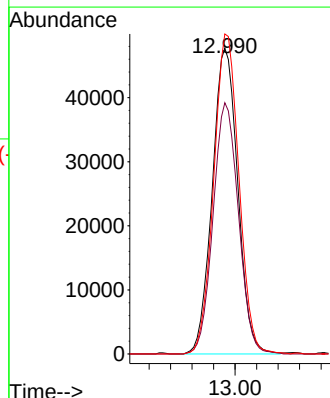
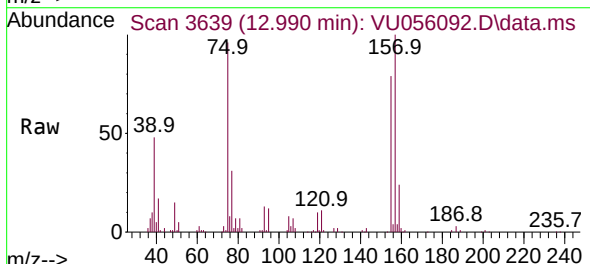
Instrument :
MSVOA_U
ClientSampleId :

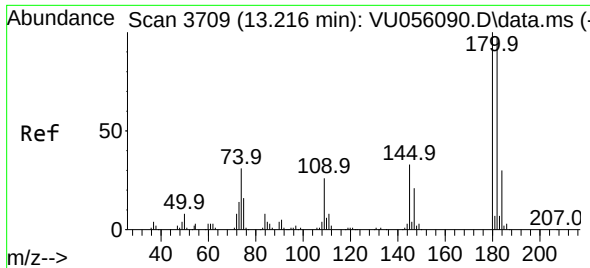
Tgt Ion:146 Resp: 1161751
Ion Ratio Lower Upper
146 100
111 43.6 35.2 52.8
148 63.7 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 20.914 ug/L
RT: 12.990 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

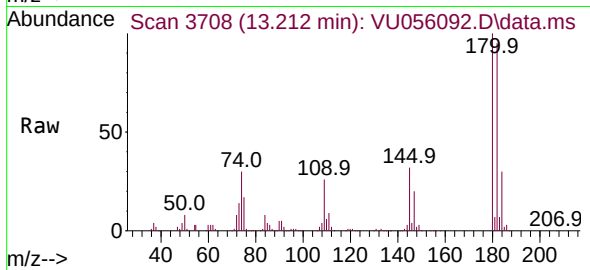
Tgt Ion: 75 Resp: 78601
Ion Ratio Lower Upper
75 100
155 82.2 63.3 94.9
157 104.7 79.1 118.7



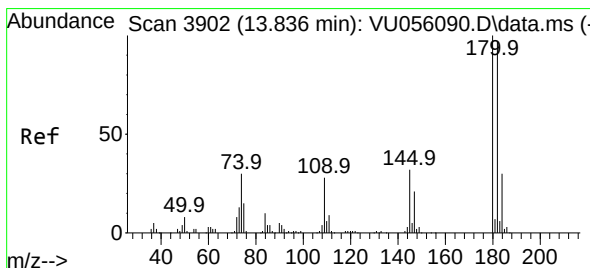
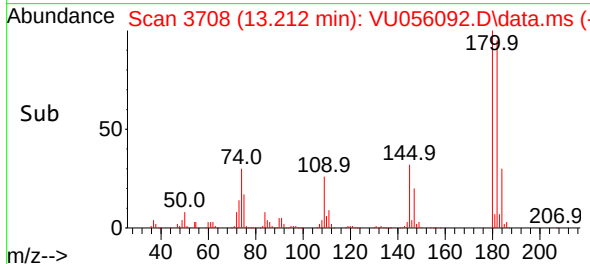
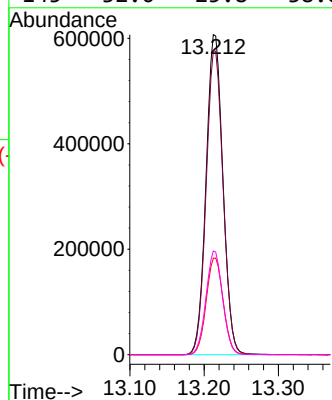


#69
 1,3,5-Trichlorobenzene
 Concen: 20.181 ug/L
 RT: 13.212 min Scan# 3709
 Delta R.T. -0.003 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

Instrument :
 MSVOA_U
 ClientSampleId :

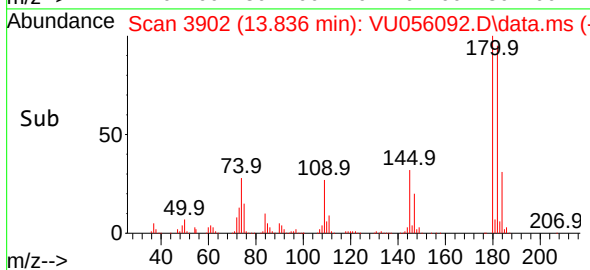
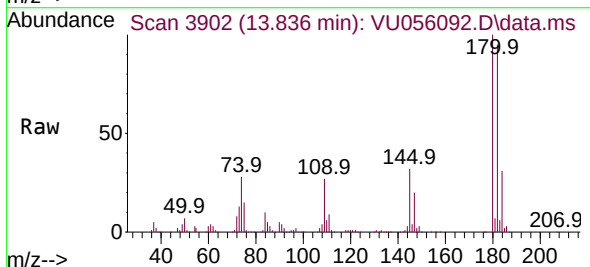
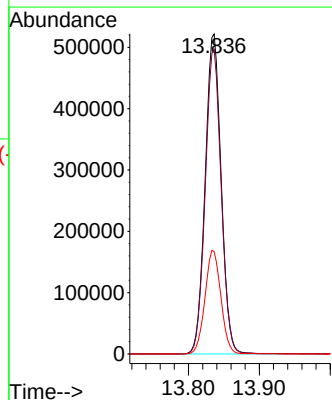


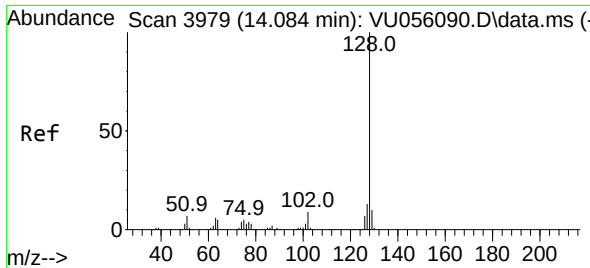
Tgt Ion:180 Resp: 957987
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.0 114.0
 184 30.4 24.0 36.0
 145 32.0 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 21.712 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU056092.D
 Acq: 07 Nov 2023 10:34

Tgt Ion:180 Resp: 817734
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.4 116.2
 145 32.2 25.9 38.9

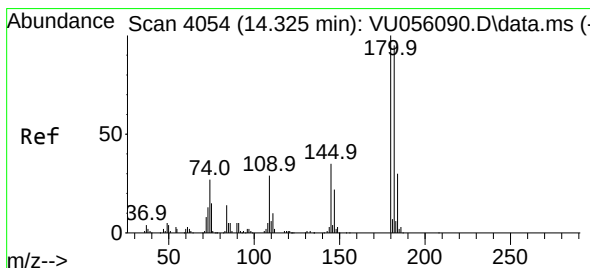
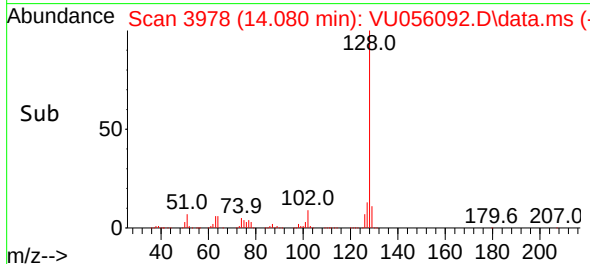
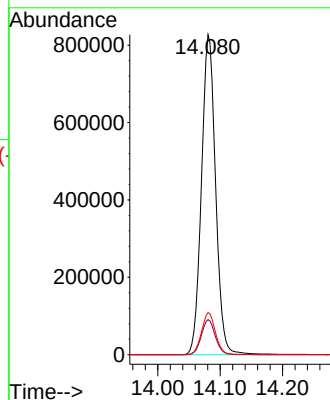
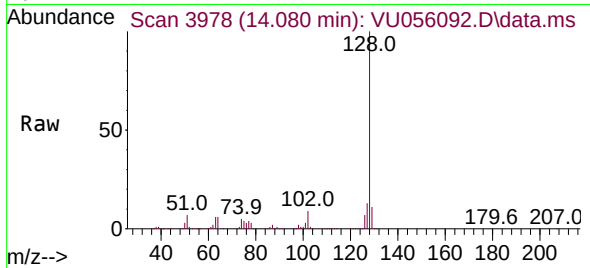




#71
Naphthalene
Concen: 23.743 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 1302981
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.0 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 21.274 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056092.D
Acq: 07 Nov 2023 10:34

Tgt Ion:180 Resp: 702463
Ion Ratio Lower Upper
180 100
182 95.7 76.6 115.0
145 34.8 28.0 42.0

