

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057830.D
 Acq On : 07 Feb 2024 09:43
 Operator : MD/SY
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 08 01:06:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:05:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	263703	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241973	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116799	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	20471	10.796	ug/L	0.00
7) Chloroethane-d5	1.907	69	16878	11.473	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	63	37160	9.582	ug/L	0.00
21) 2-Butanone-d5	4.634	46	21793	23.098	ug/L	0.01
24) Chloroform-d	5.055	84	35142	8.332	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	22861	8.289	ug/L	0.00
32) Benzene-d6	5.721	84	70710	10.537	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	22560	11.578	ug/L	0.00
41) Toluene-d8	7.894	98	63232	10.167	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	10089	9.116	ug/L	0.00
47) 2-Hexanone-d5	8.634	63	17427	26.013	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	28034	9.966	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	21748	9.442	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	22746	7.790	ug/L	98
3) Chloromethane	1.518	50	21171	10.707	ug/L	96
5) Vinyl chloride	1.602	62	21567	10.195	ug/L	97
6) Bromomethane	1.856	94	13404	9.632	ug/L	95
8) Chloroethane	1.930	64	14027	11.214	ug/L	99
9) Trichlorofluoromethane	2.129	101	31720	7.784	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	17823	8.711	ug/L	98
12) 1,1-Dichloroethene	2.573	96	16246	8.991	ug/L	95
13) Acetone	2.631	43	31146	26.530	ug/L	99
14) Carbon disulfide	2.785	76	49550	8.853	ug/L	99
15) Methyl Acetate	2.946	43	18151	11.992	ug/L	94
16) Methylene chloride	3.039	84	19443	9.461	ug/L	95
17) trans-1,2-Dichloroethene	3.345	96	16595	9.008	ug/L	93
18) Methyl tert-butyl Ether	3.354	73	57031	9.539	ug/L	99
19) 1,1-Dichloroethane	3.862	63	33461	9.642	ug/L	97
20) cis-1,2-Dichloroethene	4.660	96	18612	9.316	ug/L	96
22) 2-Butanone	4.711	43	29130	24.615	ug/L	99
23) Bromochloromethane	4.965	128	9253	8.293	ug/L	92
25) Chloroform	5.081	83	33785	8.293	ug/L	100
27) 1,2-Dichloroethane	5.788	62	29128	8.597	ug/L	99
29) Cyclohexane	5.380	56	28947	11.535	ug/L	97
30) 1,1,1-Trichloroethane	5.306	97	29405	8.027	ug/L	99
31) Carbon tetrachloride	5.518	117	25512	7.901	ug/L	100
33) Benzene	5.769	78	72717	10.252	ug/L	100
34) Trichloroethene	6.537	95	19163	9.363	ug/L	99
35) Methylcyclohexane	6.756	83	30470	10.605	ug/L	99
37) 1,2-Dichloropropane	6.785	63	19813	11.036	ug/L	100
38) Bromodichloromethane	7.097	83	24057	8.424	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	30859	10.032	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	47708	24.840	ug/L	99
42) Toluene	7.965	91	74820	9.902	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	27528	9.105	ug/L	98

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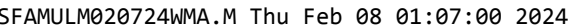
Quant Time: Feb 08 01:06:48 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:05:45 2024
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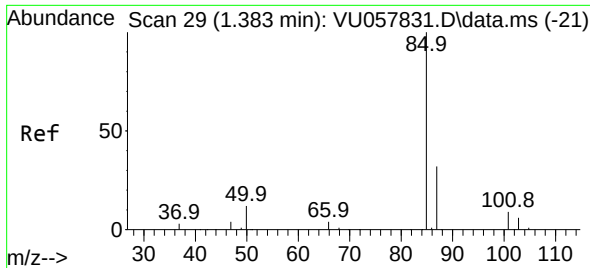
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	18235	9.617	ug/L	94
46) Tetrachloroethene	8.547	164	13576	8.953	ug/L	97
48) 2-Hexanone	8.685	43	42276	26.788	ug/L	100
49) Dibromochloromethane	8.804	129	16751	7.496	ug/L	97
50) 1,2-Dibromoethane	8.920	107	19157	9.511	ug/L	99
51) Chlorobenzene	9.441	112	47506	9.431	ug/L	95
52) Ethylbenzene	9.566	91	83979	9.960	ug/L	94
53) m,p-Xylene	9.688	106	30904	9.807	ug/L	98
54) o-Xylene	10.094	106	29867	9.733	ug/L	97
55) Styrene	10.113	104	48296	9.336	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.778	83	29550	10.158	ug/L #	95
59) Bromoform	10.283	173	11786	7.152	ug/L #	96
60) 1,2,3-Trichloropropane	10.820	75	24130	10.584	ug/L	98
61) Isopropylbenzene	10.479	105	80344	10.226	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	66253	9.869	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	65739	9.981	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	34593	9.441	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	36540	9.699	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	35806	9.699	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5380	8.834	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	24756	9.399	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	20050	9.787	ug/L	96
71) Naphthalene	14.084	128	47518	9.677	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	19099	9.967	ug/L	99

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

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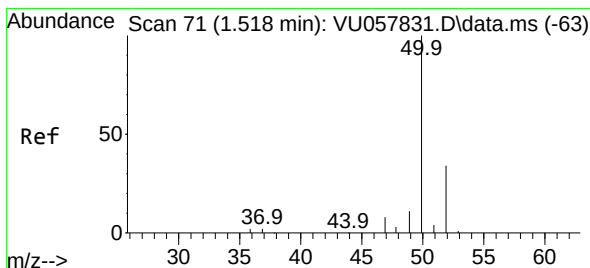
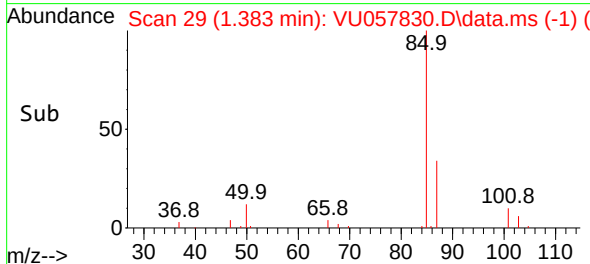
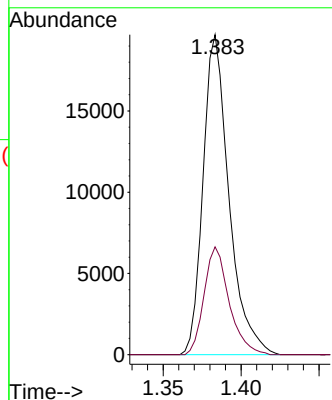
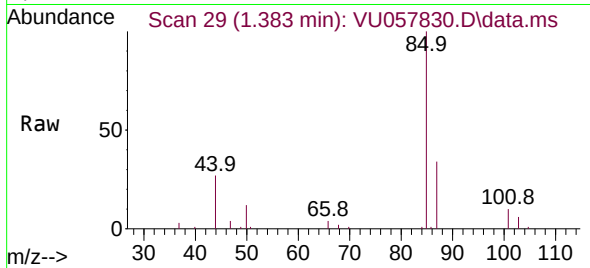




#2
 Dichlorodifluoromethane
 Concen: 7.790 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU057830.D
 Acq: 07 Feb 2024 09:43

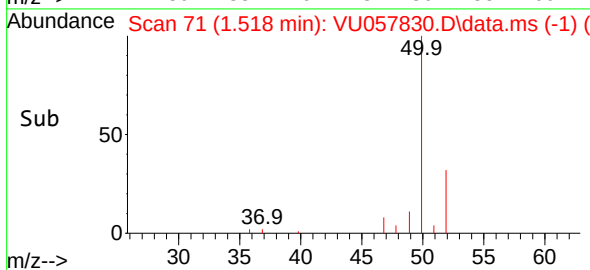
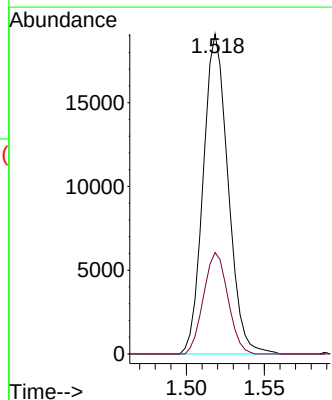
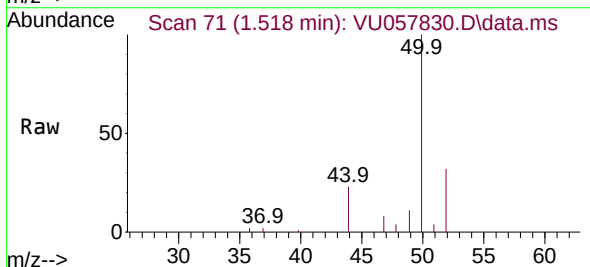
Instrument :
 MSVOA_U
 ClientSampleId :

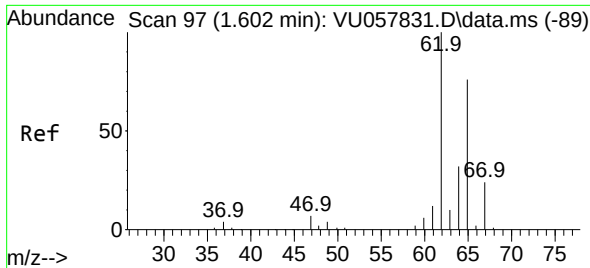
Tgt Ion: 85 Resp: 22746
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.4 38.0



#3
 Chloromethane
 Concen: 10.707 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057830.D
 Acq: 07 Feb 2024 09:43

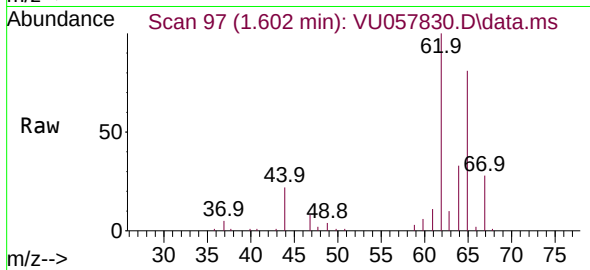
Tgt Ion: 50 Resp: 21171
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.7 43.9



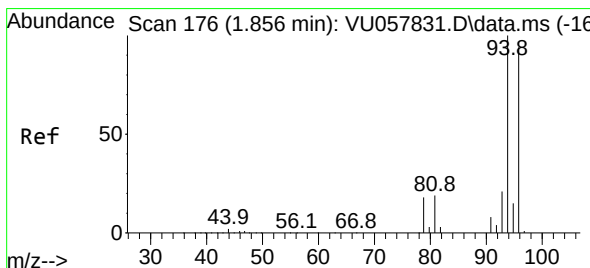
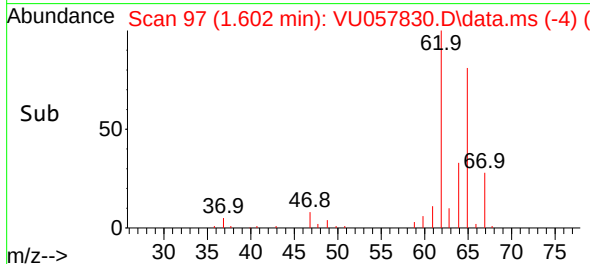
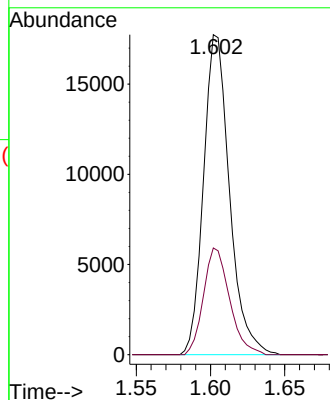


#5
 Vinyl chloride
 Concen: 10.195 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057830.D
 Acq: 07 Feb 2024 09:43

Instrument :
 MSVOA_U
 ClientSampleId :

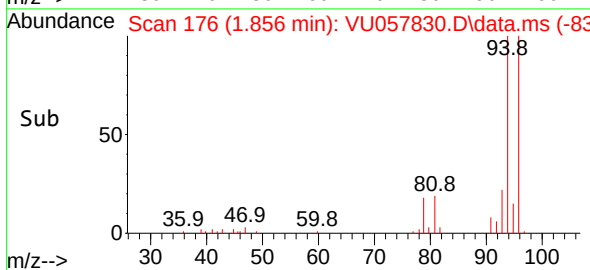
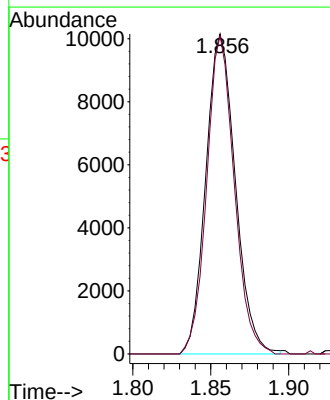
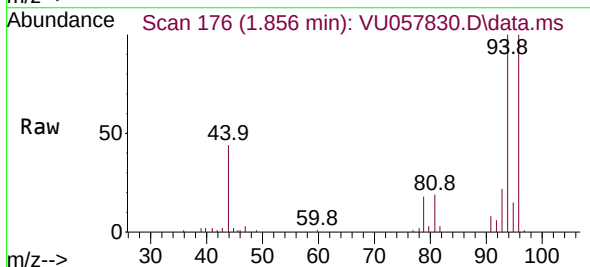


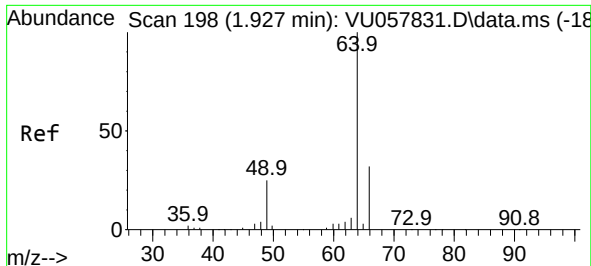
Tgt Ion: 62 Resp: 21567
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.1 41.1



#6
 Bromomethane
 Concen: 9.632 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU057830.D
 Acq: 07 Feb 2024 09:43

Tgt Ion: 94 Resp: 13404
 Ion Ratio Lower Upper
 94 100
 96 99.5 66.0 122.6

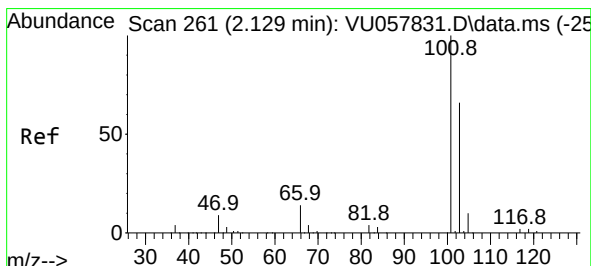
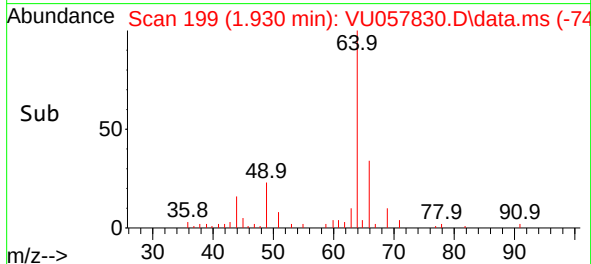
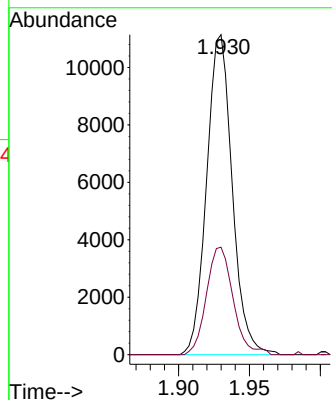
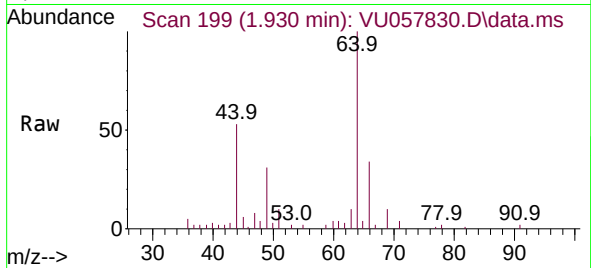




#8
Chloroethane
Concen: 11.214 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

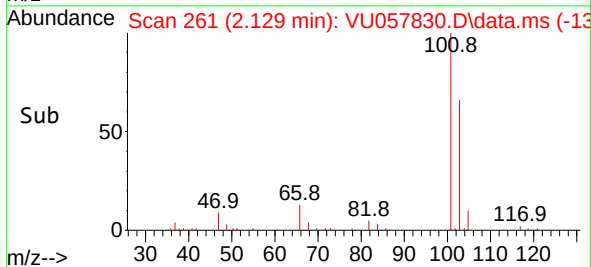
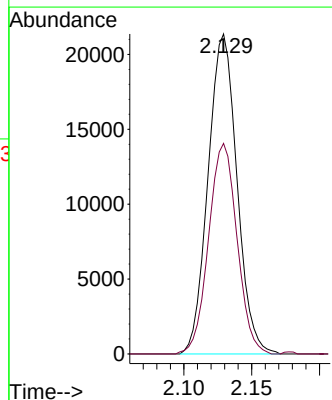
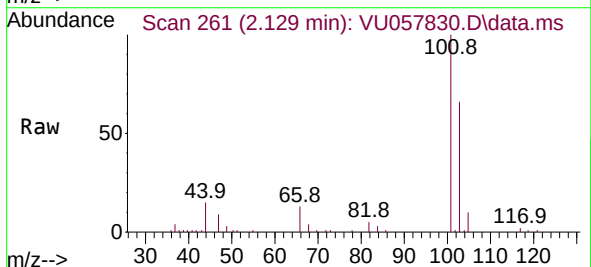
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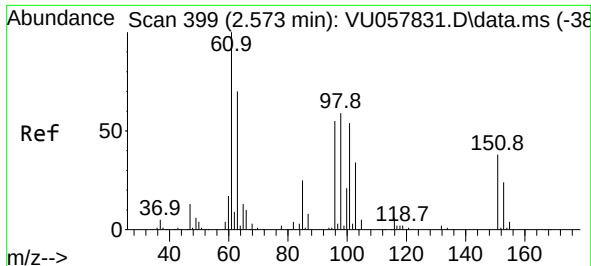
Tgt Ion: 64 Resp: 14027
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 7.784 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion:101 Resp: 31720
Ion Ratio Lower Upper
101 100
103 64.7 52.4 78.6

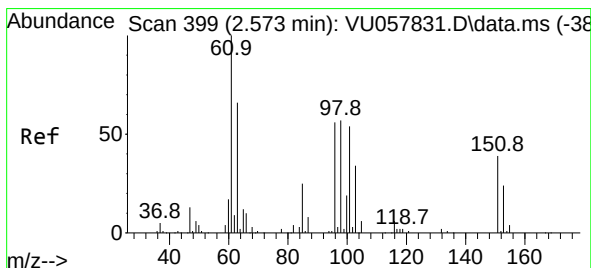
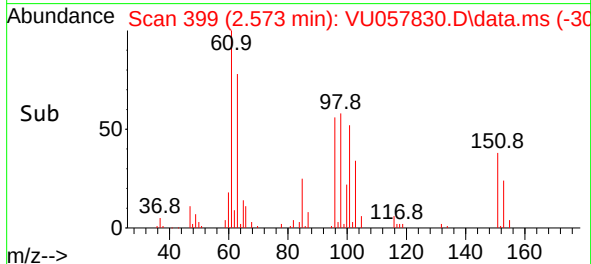
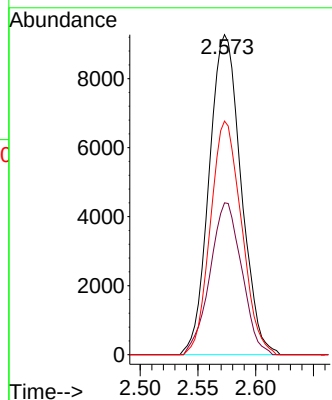
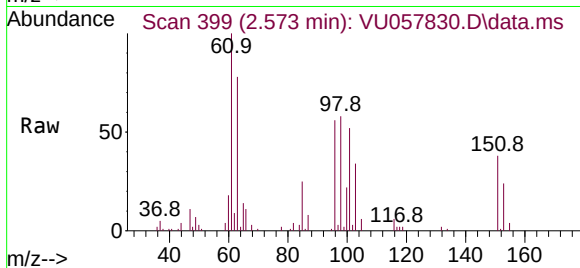




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.711 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU057830.D
 Acq: 07 Feb 2024 09:43

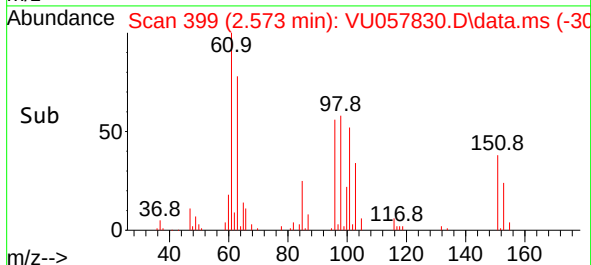
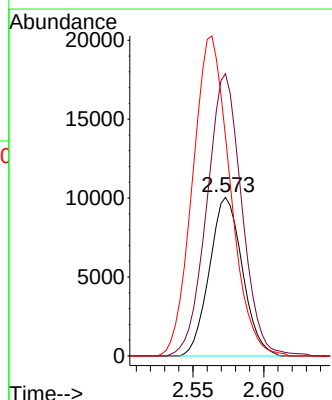
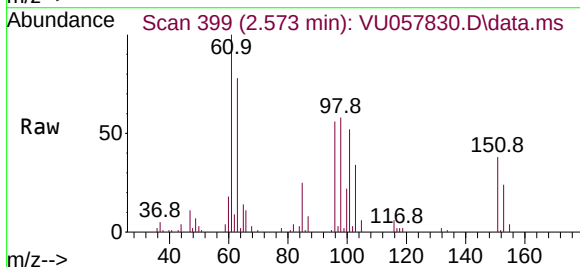
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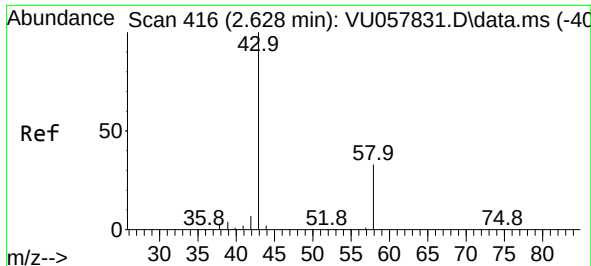
Tgt Ion:101 Resp: 17823
 Ion Ratio Lower Upper
 101 100
 85 47.0 36.1 54.1
 151 71.1 55.8 83.6



#12
 1,1-Dichloroethene
 Concen: 8.991 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU057830.D
 Acq: 07 Feb 2024 09:43

Tgt Ion: 96 Resp: 16246
 Ion Ratio Lower Upper
 96 100
 61 178.0 126.3 234.6
 63 138.4 89.7 166.7





#13

Acetone

Concen: 26.530 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA_U

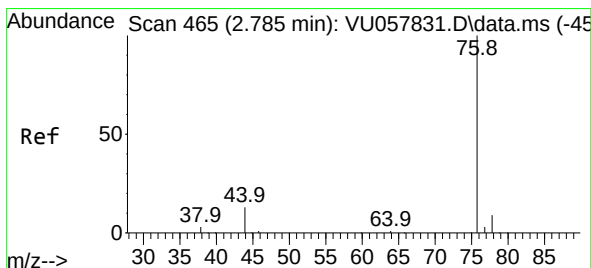
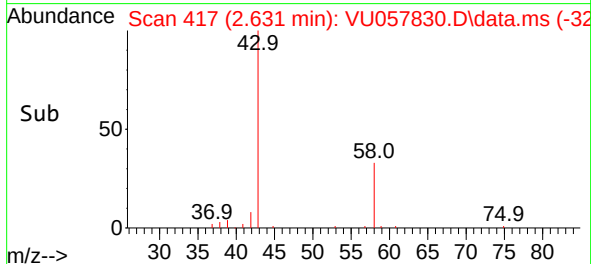
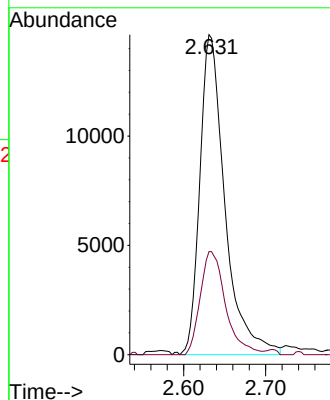
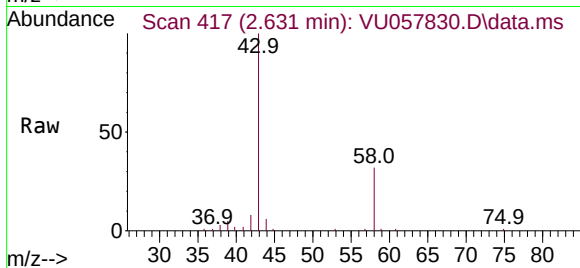
ClientSampleId :

Tgt Ion: 43 Resp: 31146

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.8



#14

Carbon disulfide

Concen: 8.853 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU057830.D

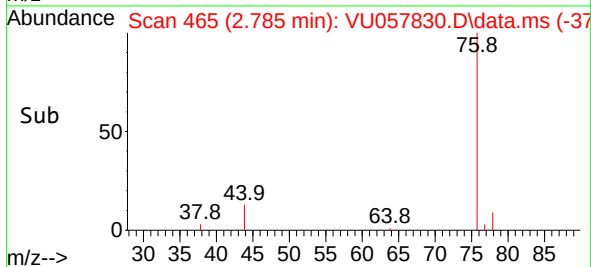
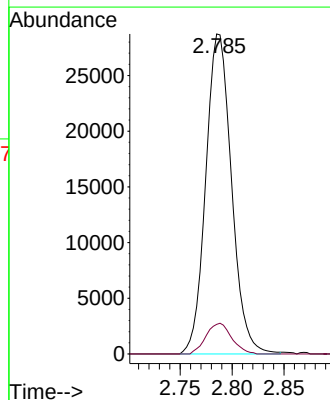
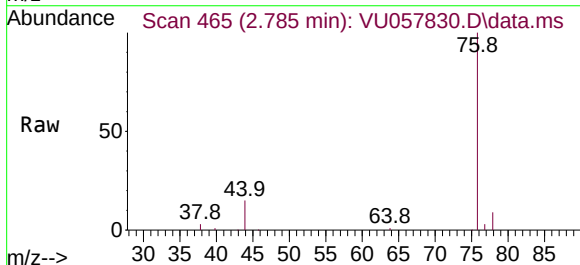
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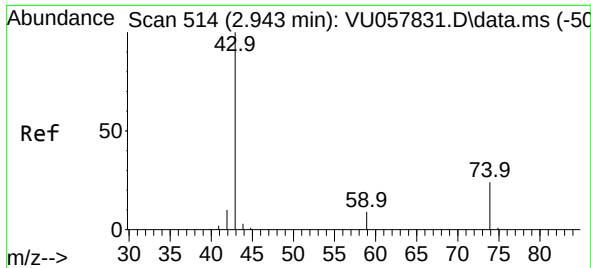
Tgt Ion: 76 Resp: 49550

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

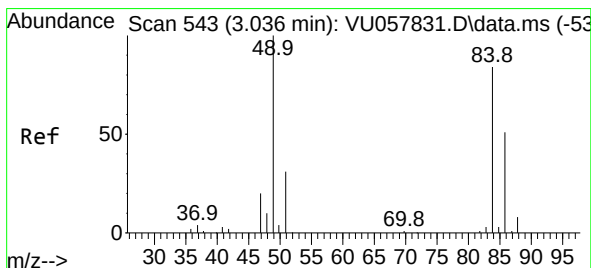
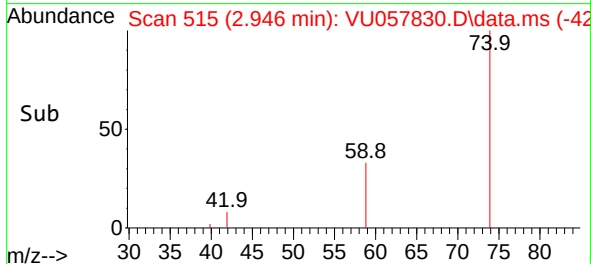
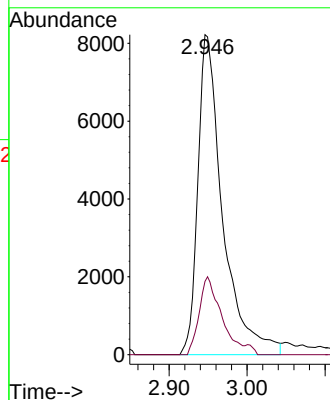
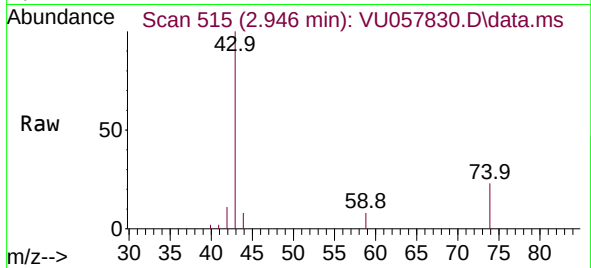




#15
Methyl Acetate
Concen: 11.992 ug/L
RT: 2.946 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

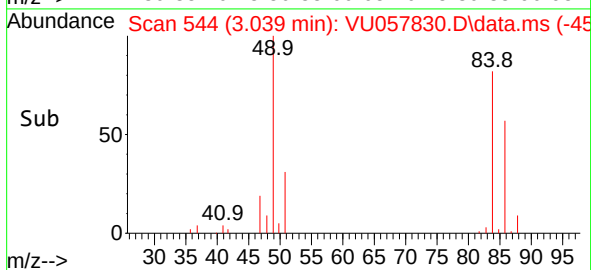
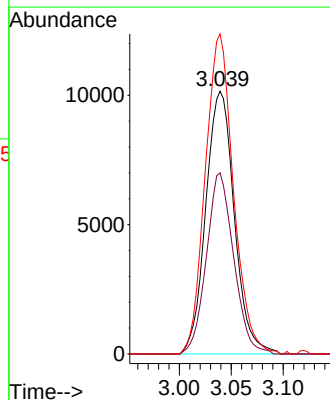
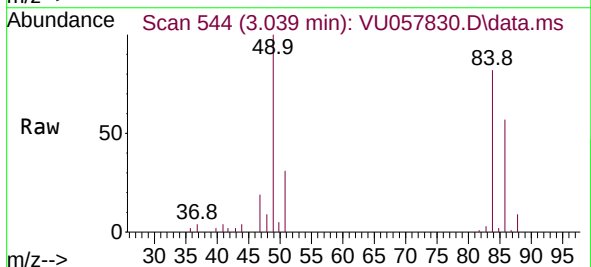
Instrument :
MSVOA_U
ClientSampleId :

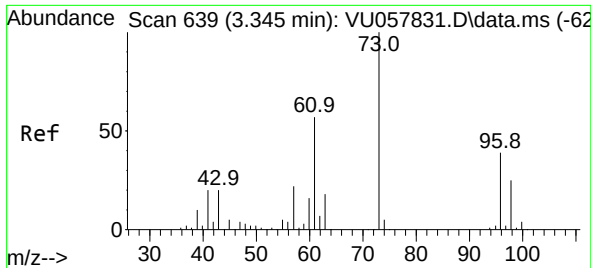
Tgt Ion: 43 Resp: 18151
Ion Ratio Lower Upper
43 100
74 21.8 19.7 29.5



#16
Methylene chloride
Concen: 9.461 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

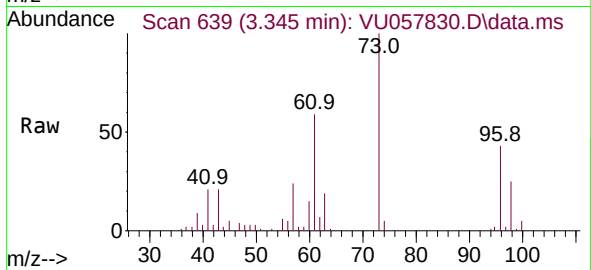
Tgt Ion: 84 Resp: 19443
Ion Ratio Lower Upper
84 100
86 69.0 43.0 80.0
49 121.8 83.7 155.4





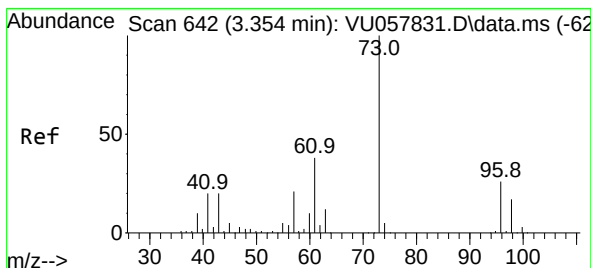
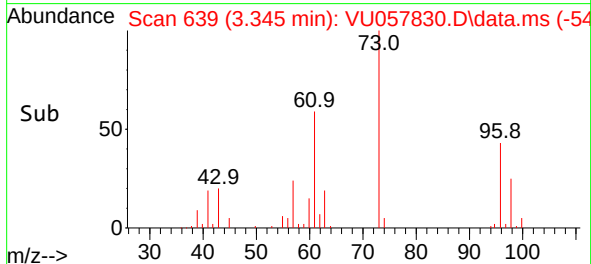
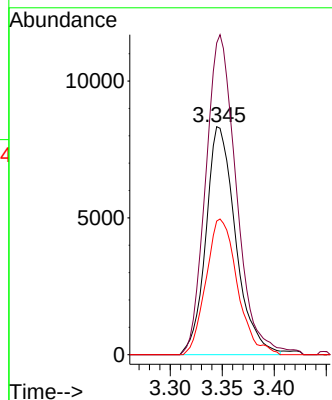
#17
trans-1,2-Dichloroethene
Concen: 9.008 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 16595

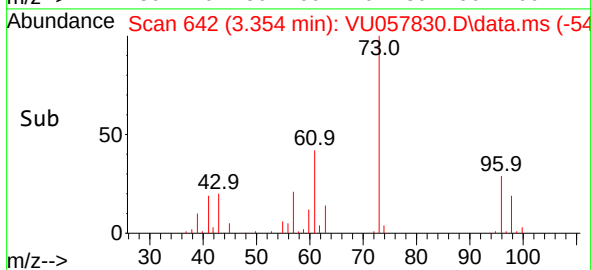
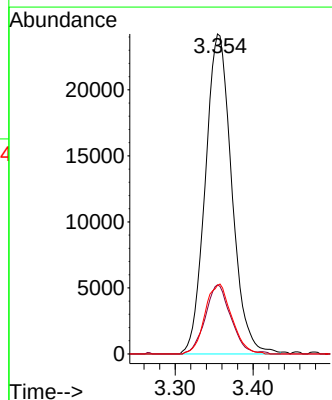
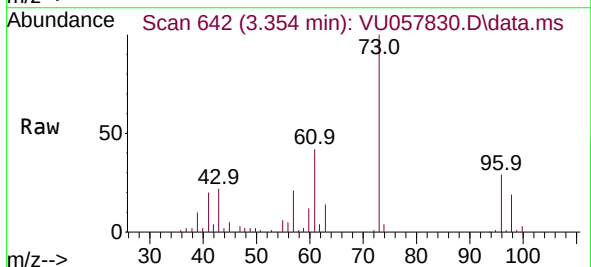
Ion	Ratio	Lower	Upper
96	100		
61	136.7	102.8	190.8
98	58.6	44.2	82.2

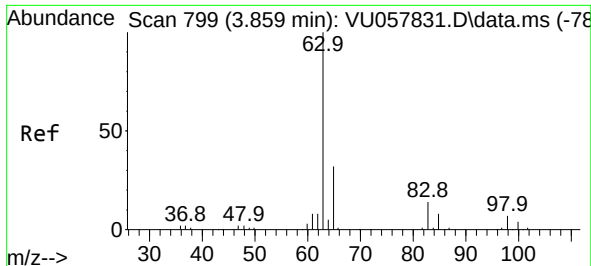


#18
Methyl tert-butyl Ether
Concen: 9.539 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion: 73 Resp: 57031

Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.2	24.2
57	22.0	17.6	26.4





#19

1,1-Dichloroethane

Concen: 9.642 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU057830.D

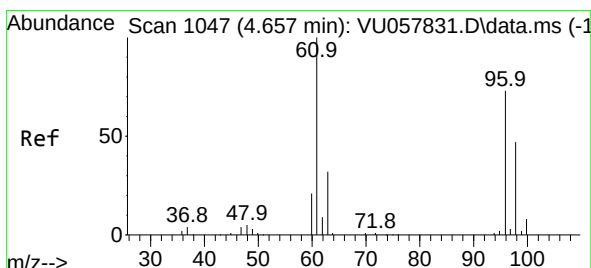
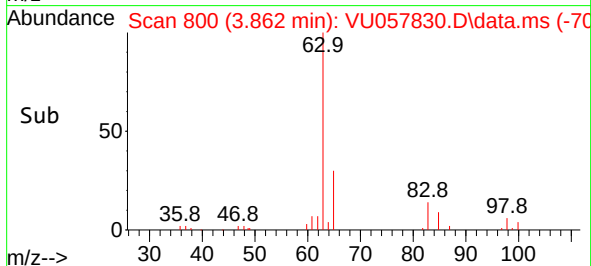
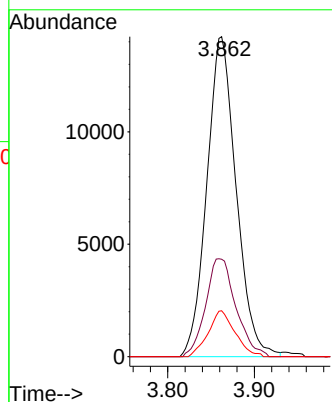
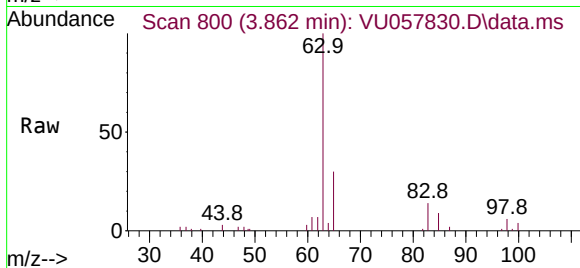
Acq: 07 Feb 2024 09:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	33461
Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.7	42.3
83	14.3	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 9.316 ug/L

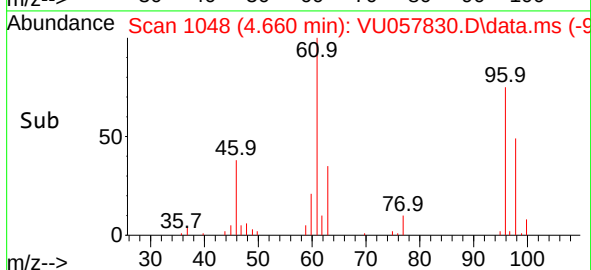
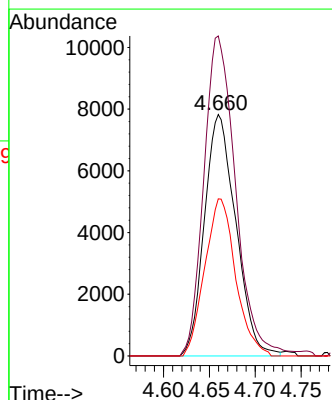
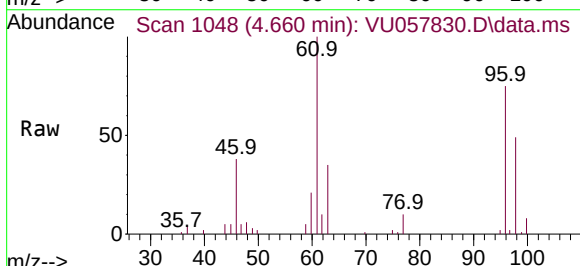
RT: 4.660 min Scan# 1048

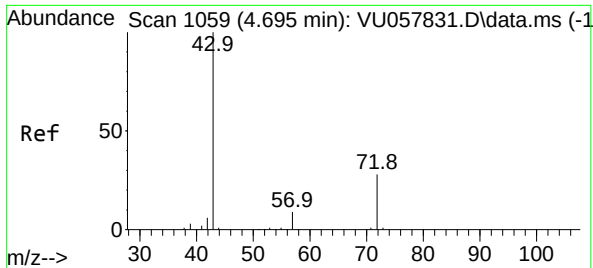
Delta R.T. 0.003 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

Tgt Ion:	96	Resp:	18612
Ion	Ratio	Lower	Upper
96	100		
61	129.6	95.7	177.7
98	63.6	45.2	84.0

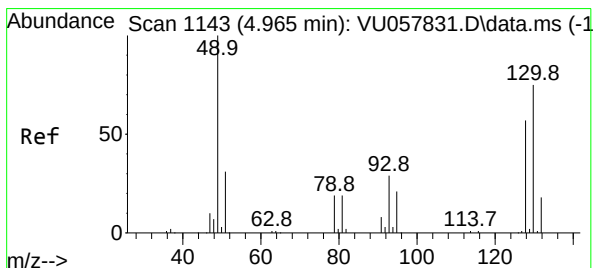
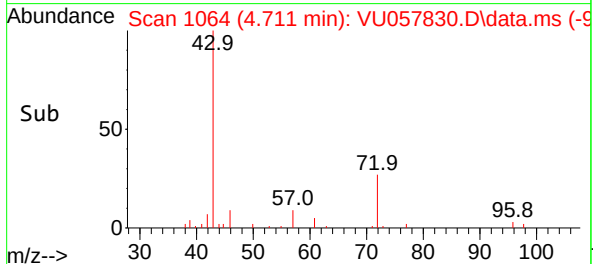
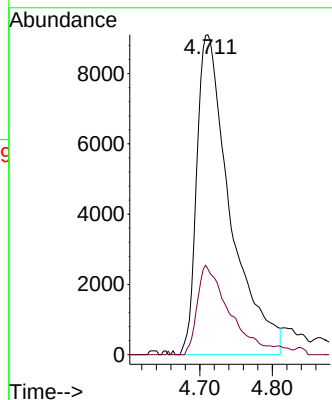
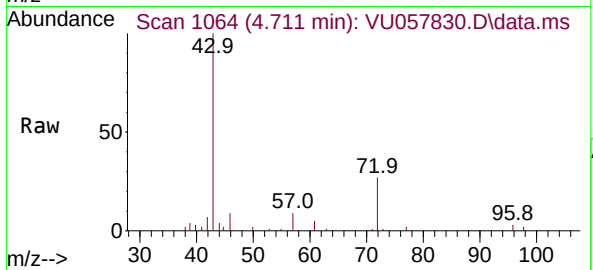




#22
2-Butanone
Concen: 24.615 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.016 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

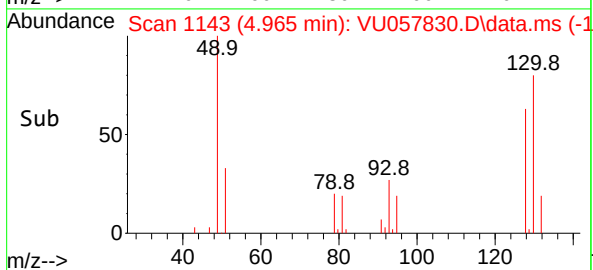
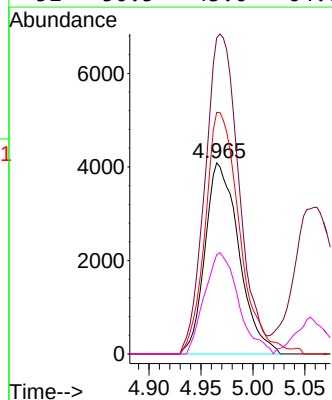
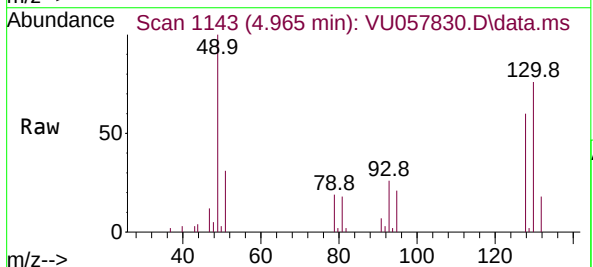
Instrument :
MSVOA_U
ClientSampleId :

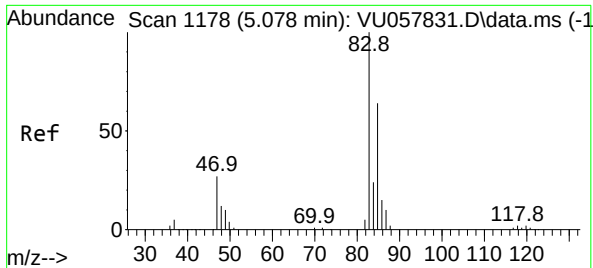
Tgt Ion: 43 Resp: 29130
Ion Ratio Lower Upper
43 100
72 26.9 13.8 41.3



#23
Bromochloromethane
Concen: 8.293 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion: 128 Resp: 9253
Ion Ratio Lower Upper
128 100
49 160.7 122.4 227.2
130 122.9 91.8 170.4
51 50.5 43.0 64.6

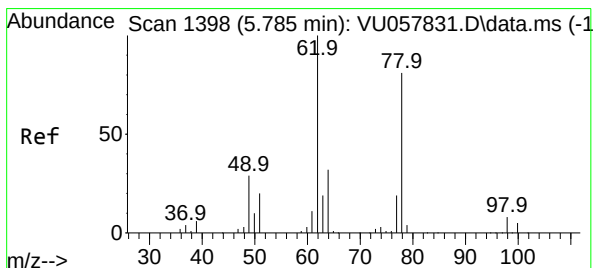
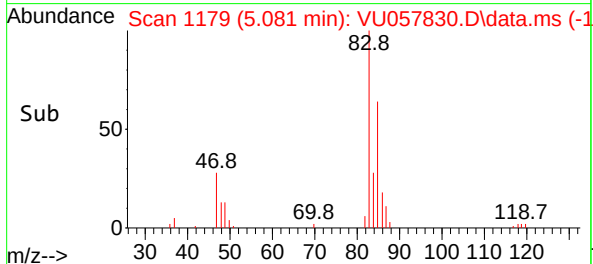
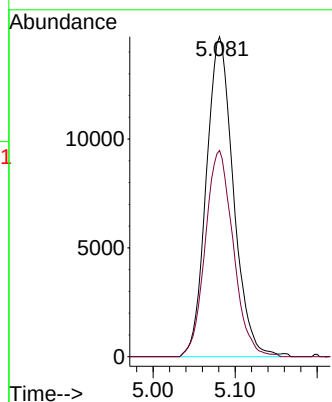
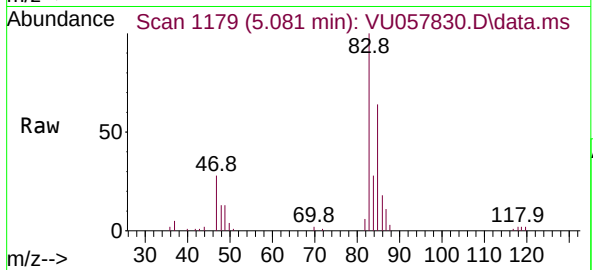




#25
Chloroform
Concen: 8.293 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

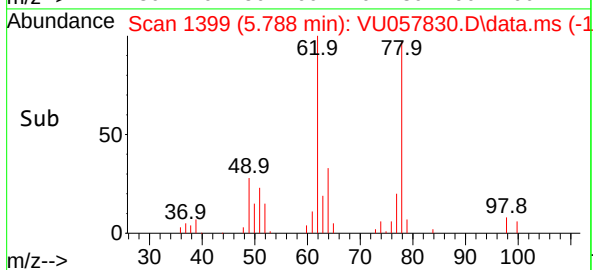
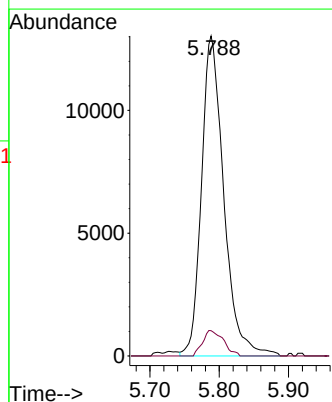
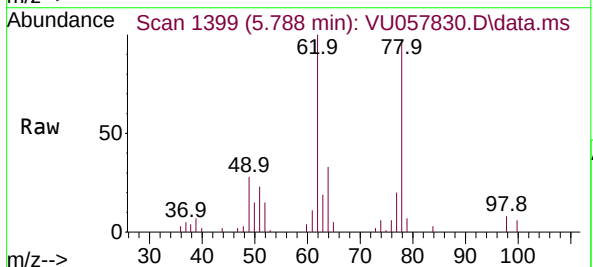
Instrument :
MSVOA_U
ClientSampleId :

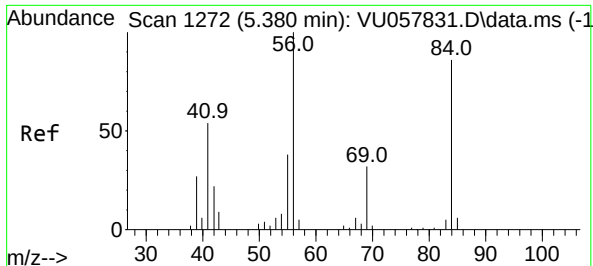
Tgt Ion: 83 Resp: 33785
Ion Ratio Lower Upper
83 100
85 64.4 45.0 83.6



#27
1,2-Dichloroethane
Concen: 8.597 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion: 62 Resp: 29128
Ion Ratio Lower Upper
62 100
98 7.9 6.7 10.1





#29

Cyclohexane

Concen: 11.535 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA_U

ClientSampleId :

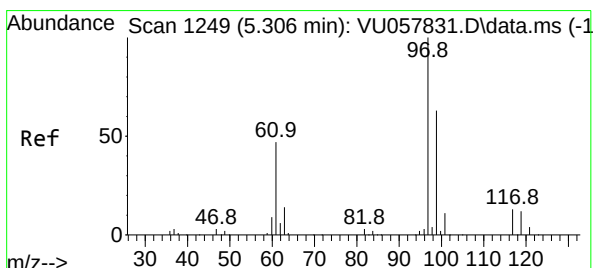
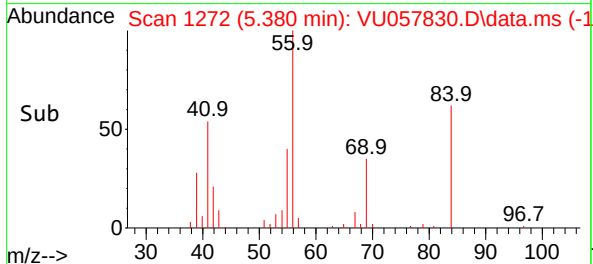
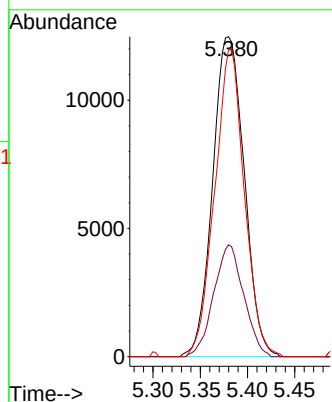
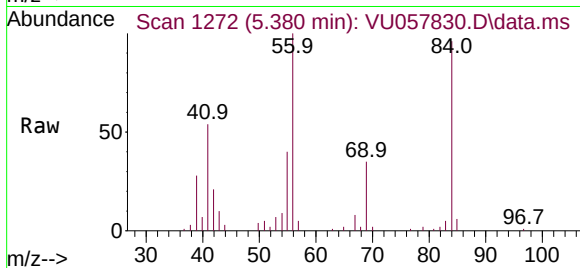
Tgt Ion: 56 Resp: 28947

Ion Ratio Lower Upper

56 100

69 33.3 25.4 38.0

84 90.3 70.4 105.6



#30

1,1,1-Trichloroethane

Concen: 8.027 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

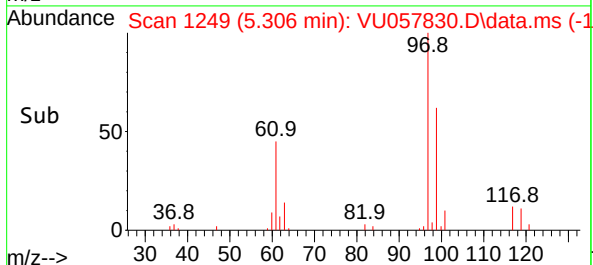
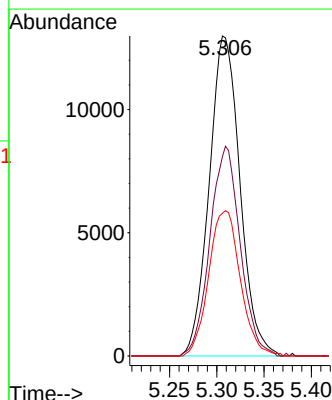
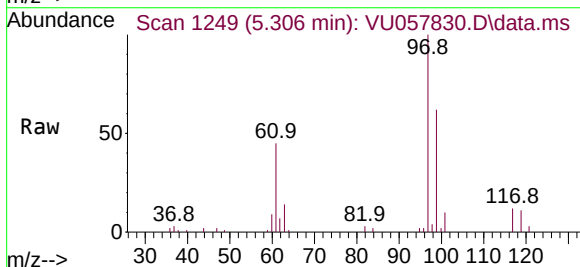
Tgt Ion: 97 Resp: 29405

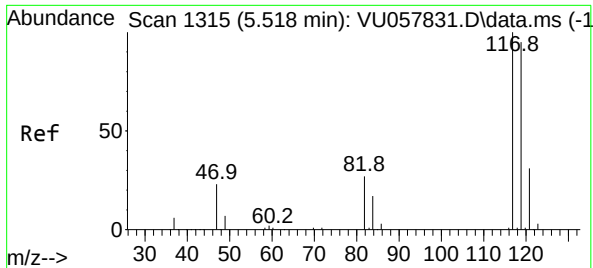
Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 46.7 36.7 55.1

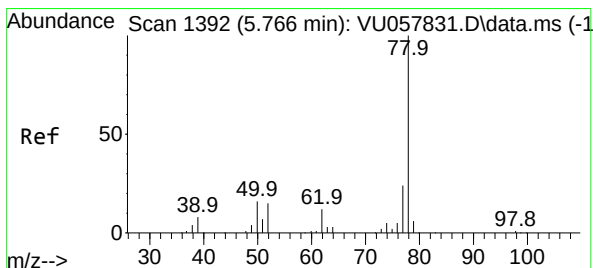
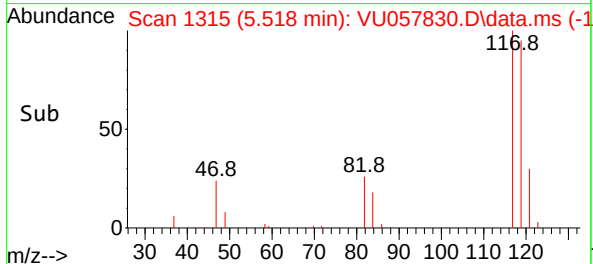
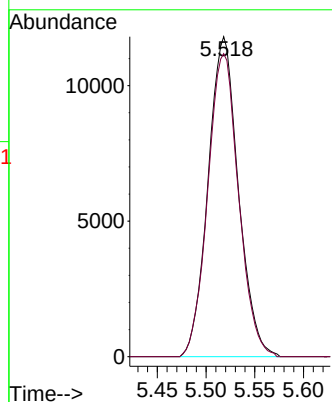
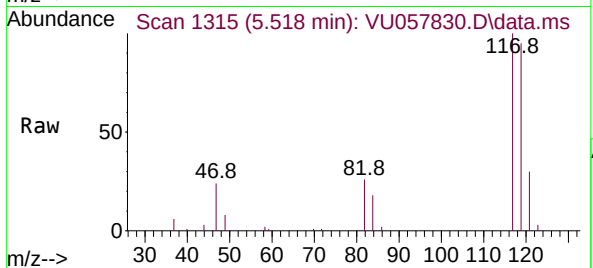




#31
Carbon tetrachloride
Concen: 7.901 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

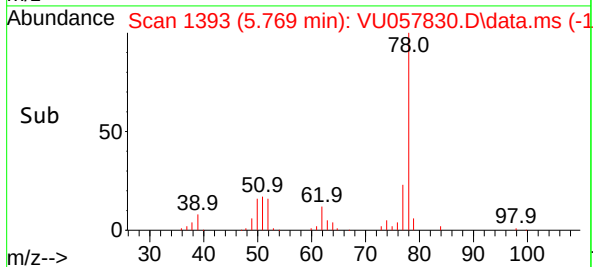
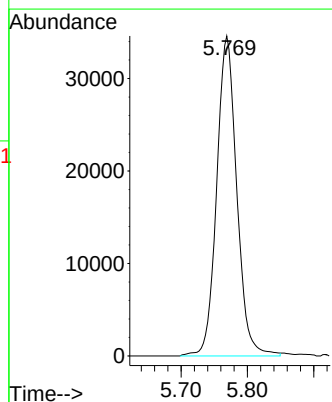
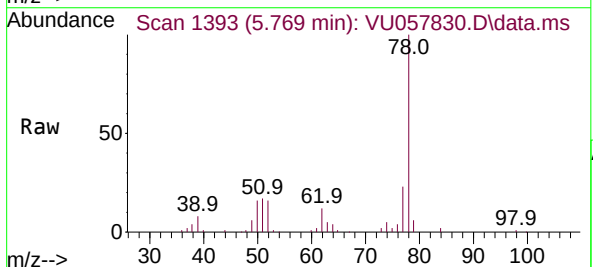
Instrument :
MSVOA_U
ClientSampleId :

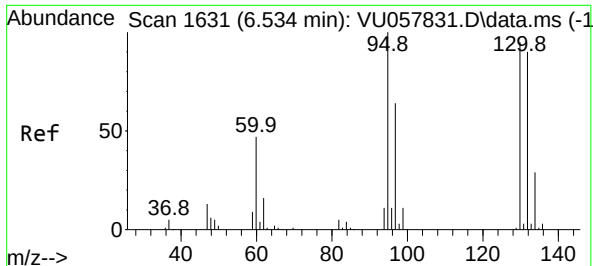
Tgt Ion:117 Resp: 25512
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1



#33
Benzene
Concen: 10.252 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion: 78 Resp: 72717



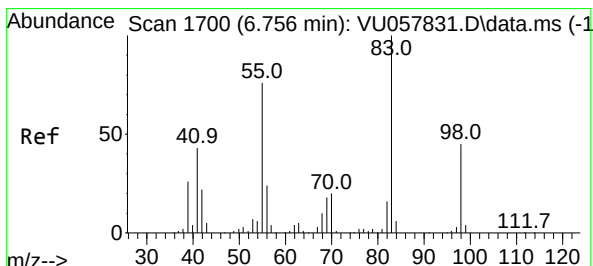
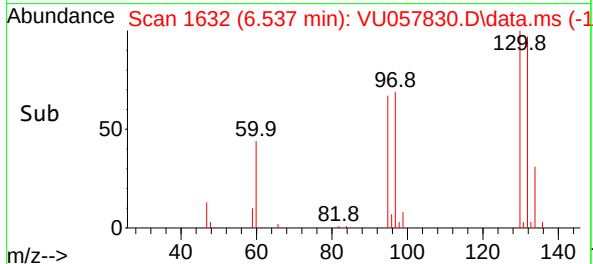
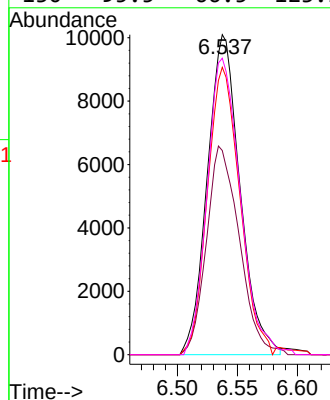
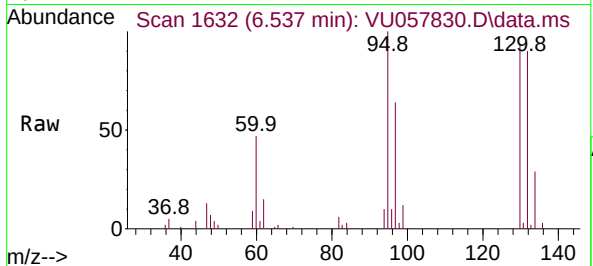


#34
Trichloroethene
Concen: 9.363 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 19163

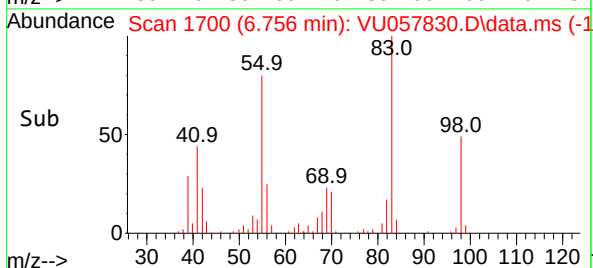
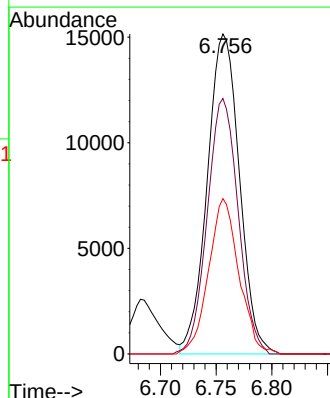
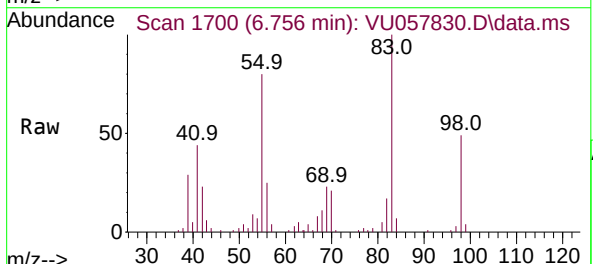
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.9	83.5
132	92.2	63.1	117.1
130	95.5	66.5	123.5

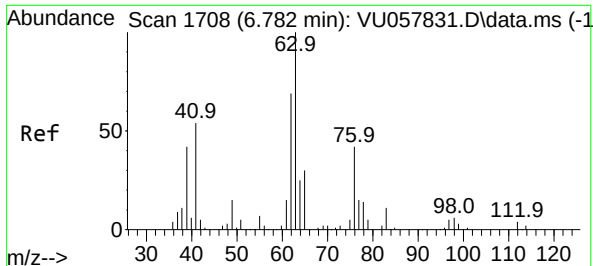


#35
Methylcyclohexane
Concen: 10.605 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion: 83 Resp: 30470

Ion	Ratio	Lower	Upper
83	100		
55	76.5	59.9	89.9
98	45.8	36.8	55.2





#37

1,2-Dichloropropane

Concen: 11.036 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA_U

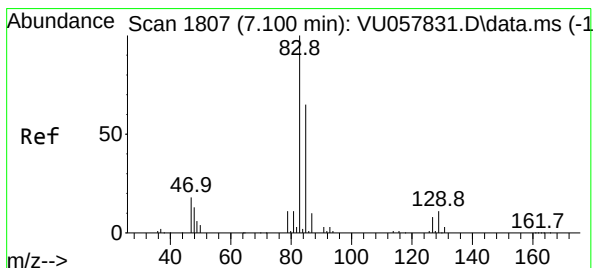
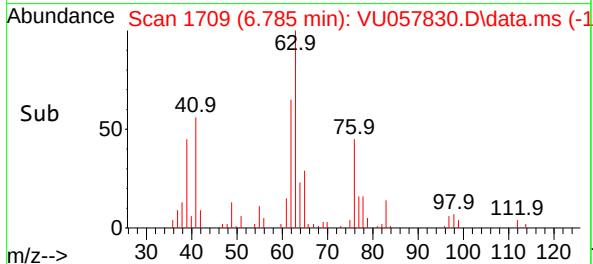
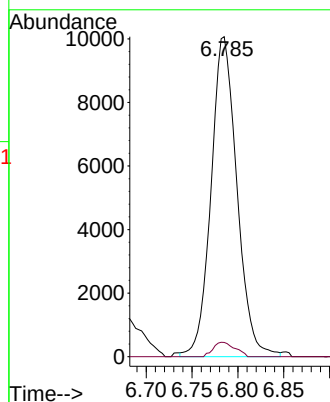
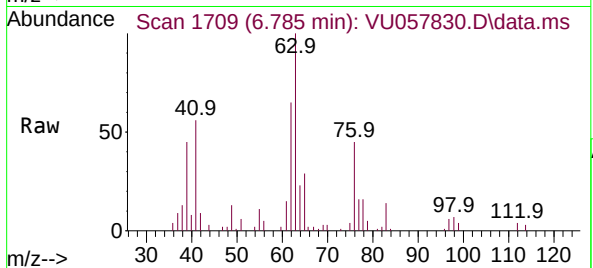
ClientSampleId :

Tgt Ion: 63 Resp: 19813

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 8.424 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

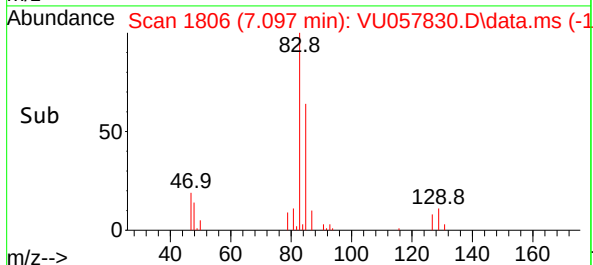
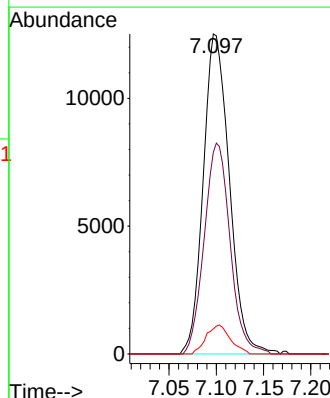
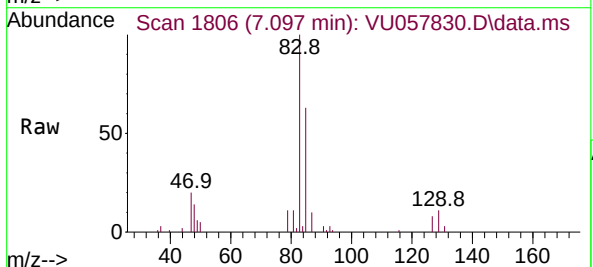
Tgt Ion: 83 Resp: 24057

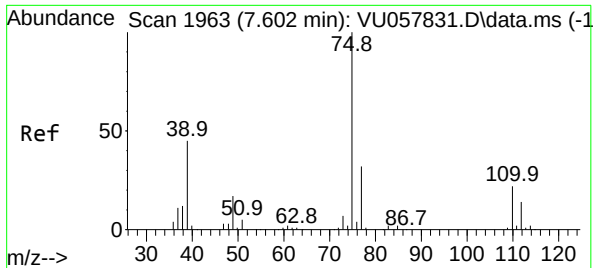
Ion Ratio Lower Upper

83 100

85 63.0 45.6 84.6

127 7.9 7.2 10.8

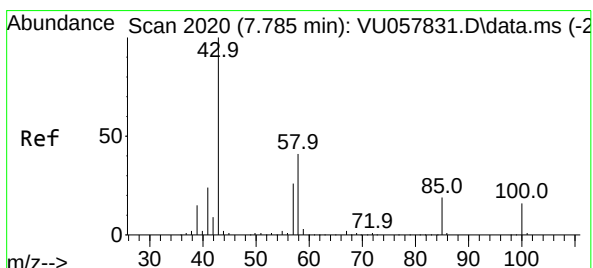
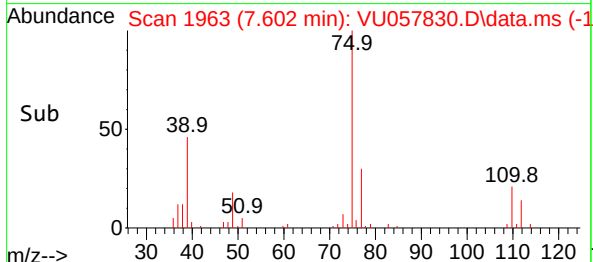
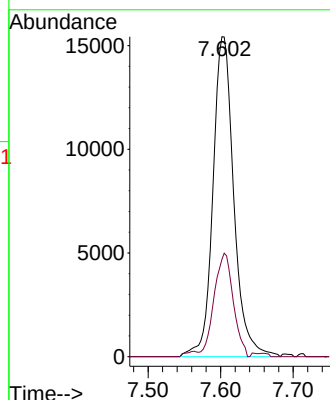
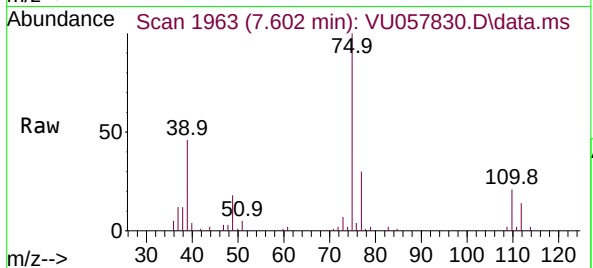




#39
 cis-1,3-Dichloropropene
 Concen: 10.032 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU057830.D
 Acq: 07 Feb 2024 09:43

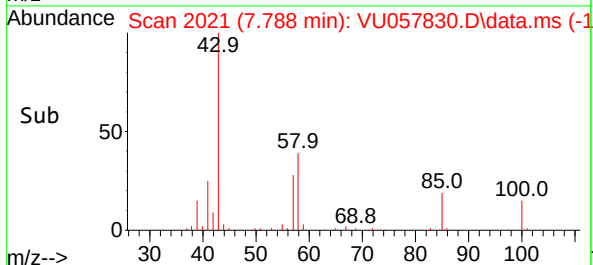
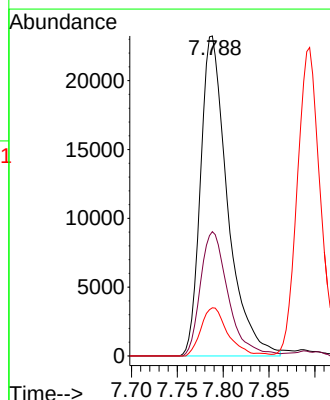
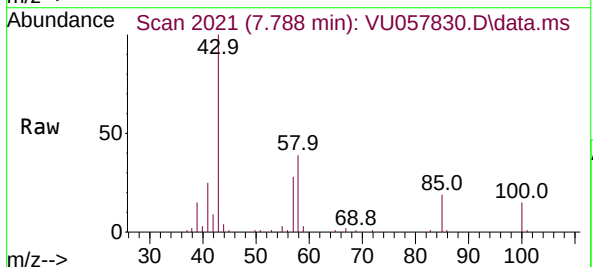
Instrument :
 MSVOA_U
 ClientSampleId :

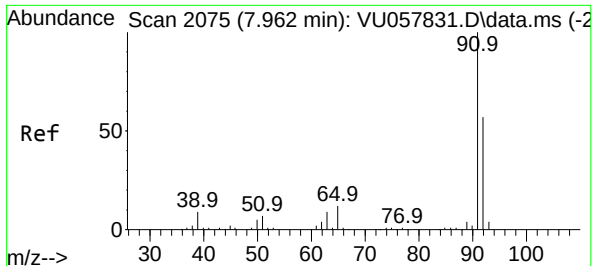
Tgt Ion: 75 Resp: 30859
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 24.840 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.003 min
 Lab File: VU057830.D
 Acq: 07 Feb 2024 09:43

Tgt Ion: 43 Resp: 47708
 Ion Ratio Lower Upper
 43 100
 58 39.8 32.5 48.7
 100 14.7 12.2 18.4





#42

Toluene

Concen: 9.902 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA_U

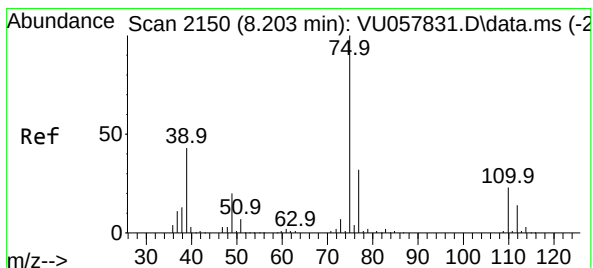
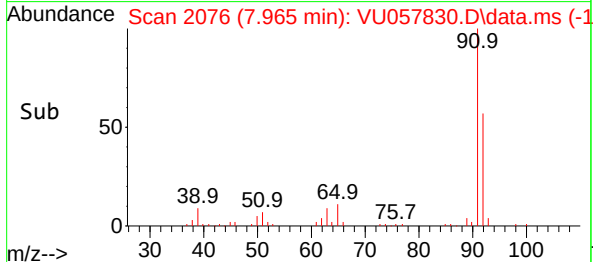
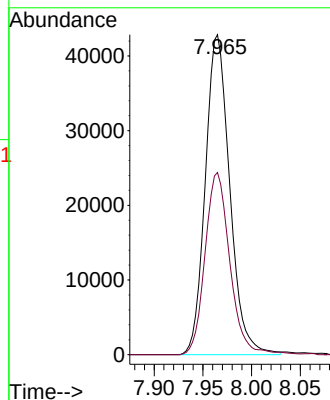
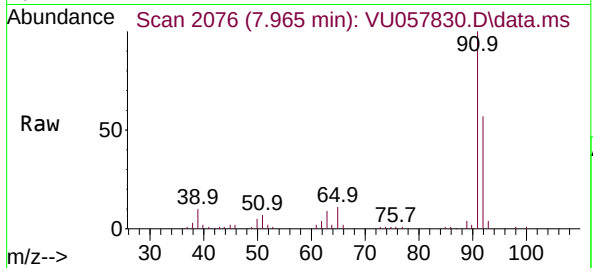
ClientSampleId :

Tgt Ion: 91 Resp: 74820

Ion Ratio Lower Upper

91 100

92 57.0 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 9.105 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU057830.D

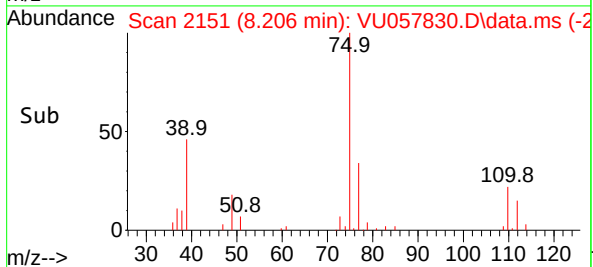
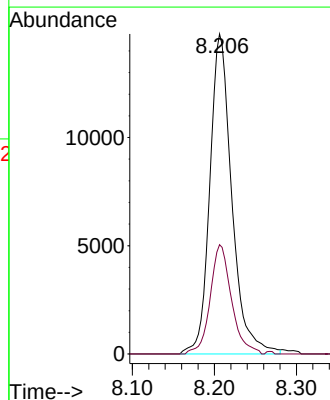
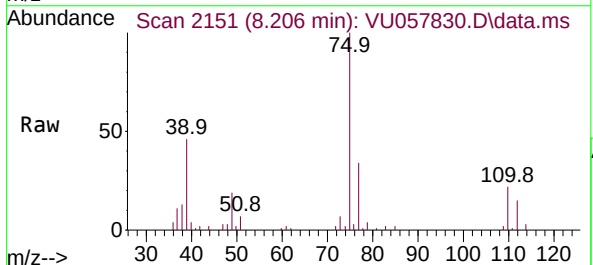
Acq: 07 Feb 2024 09:43

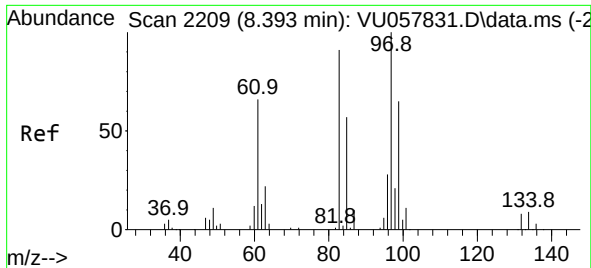
Tgt Ion: 75 Resp: 27528

Ion Ratio Lower Upper

75 100

77 33.1 22.4 41.6

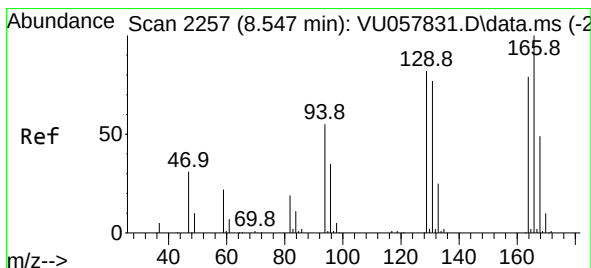
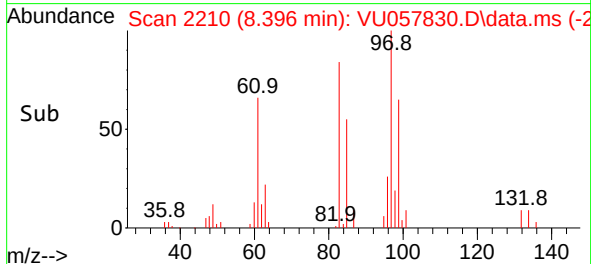
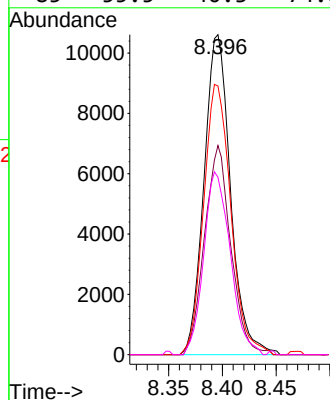
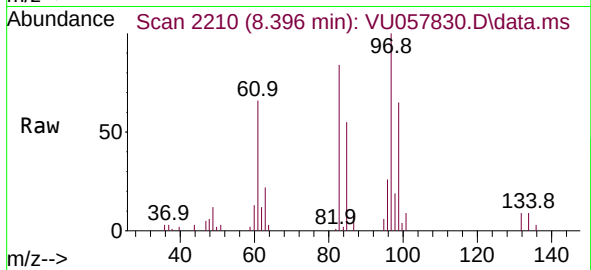




#45
1,1,2-Trichloroethane
Concen: 9.617 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

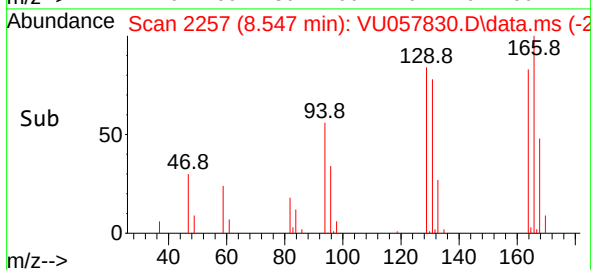
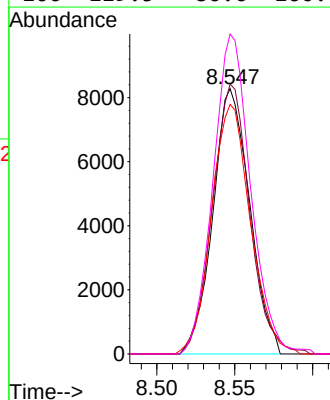
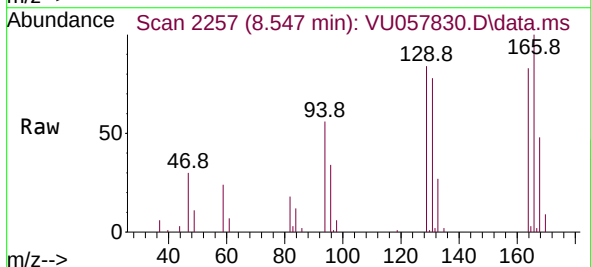
Instrument :
MSVOA_U
ClientSampleId :

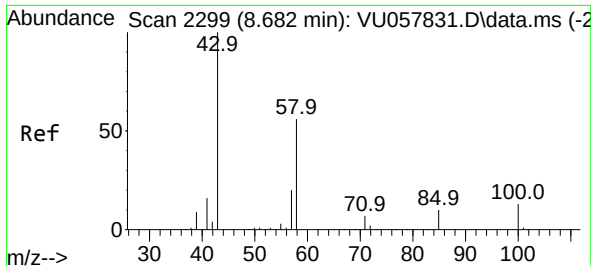
Tgt Ion: 97	Resp: 18235
Ion Ratio	Lower Upper
97 100	
99 69.8	45.1 83.9
83 84.0	63.8 118.6
85 55.5	40.3 74.8



#46
Tetrachloroethene
Concen: 8.953 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

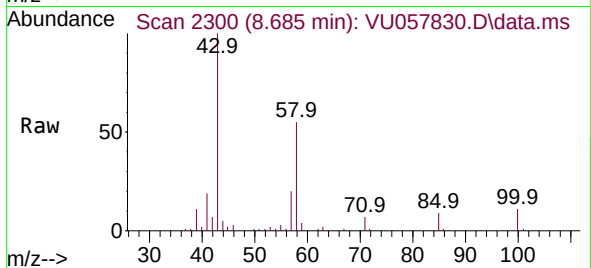
Tgt	Ion:164	Resp:	13576
Ion	Ratio	Lower	Upper
164	100		
129	98.7	70.8	131.4
131	94.2	66.8	124.0
166	119.5	86.6	160.8



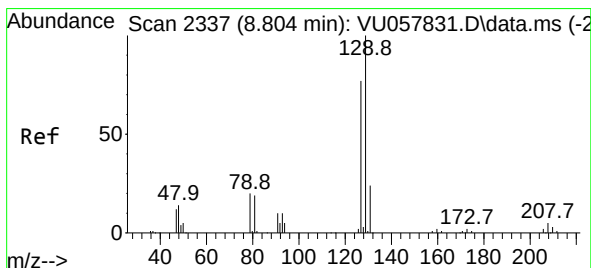
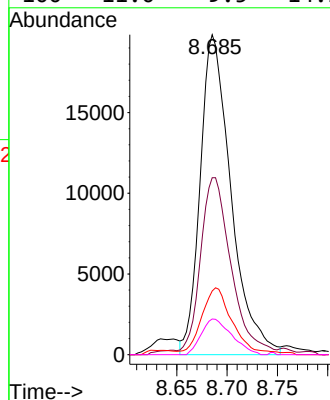
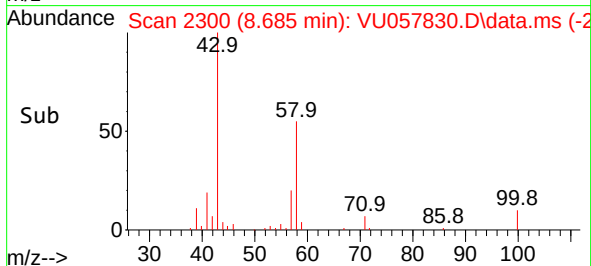


#48
2-Hexanone
Concen: 26.788 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Instrument :
MSVOA_U
ClientSampleId :

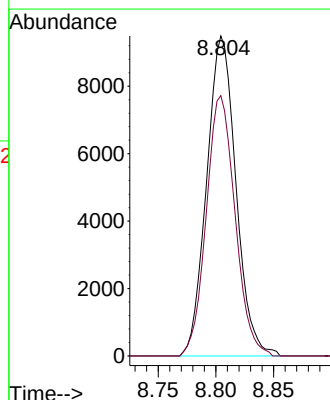
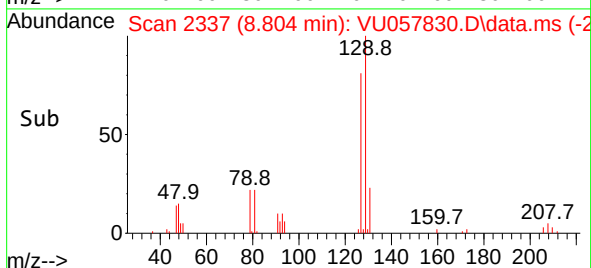
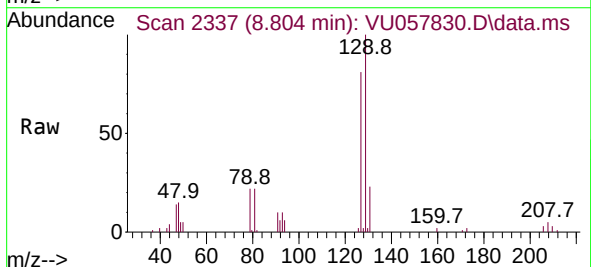


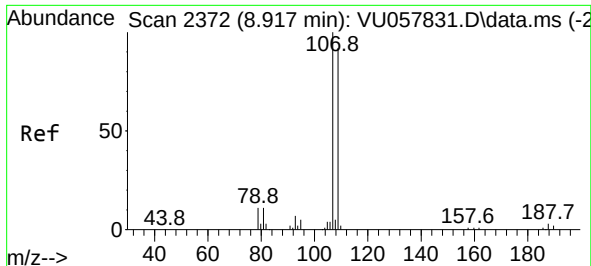
Tgt Ion: 43 Resp: 42276
Ion Ratio Lower Upper
43 100
58 55.1 44.1 66.1
57 19.2 15.4 23.2
100 11.0 9.5 14.3



#49
Dibromochloromethane
Concen: 7.496 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion: 129 Resp: 16751
Ion Ratio Lower Upper
129 100
127 80.0 54.1 100.5





#50

1,2-Dibromoethane

Concen: 9.511 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057830.D

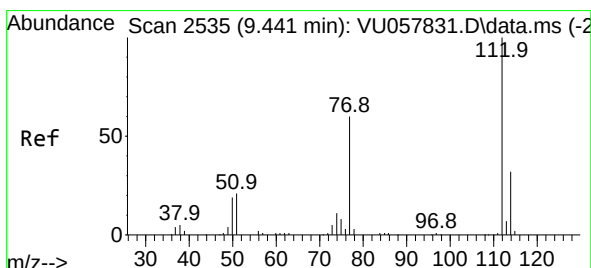
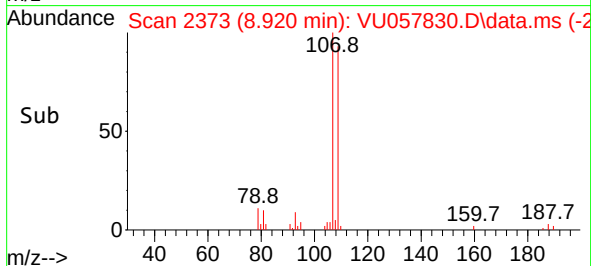
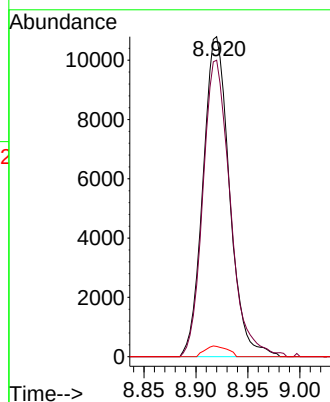
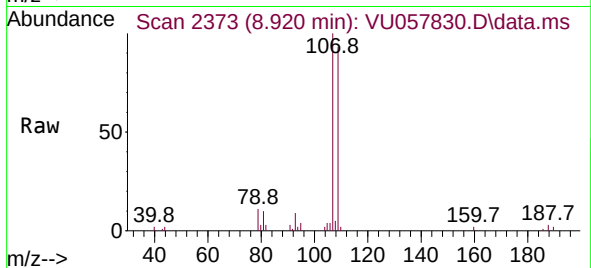
Acq: 07 Feb 2024 09:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	19157
Ion	Ratio	Lower	Upper
107	100		
109	92.6	64.4	119.6
188	3.2	2.6	3.8



#51

Chlorobenzene

Concen: 9.431 ug/L

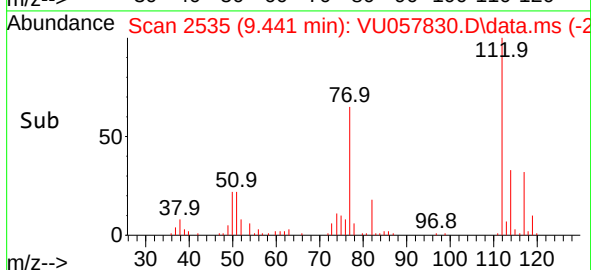
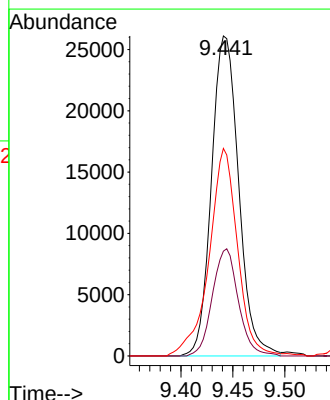
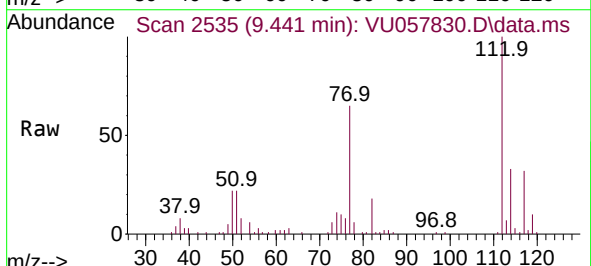
RT: 9.441 min Scan# 2535

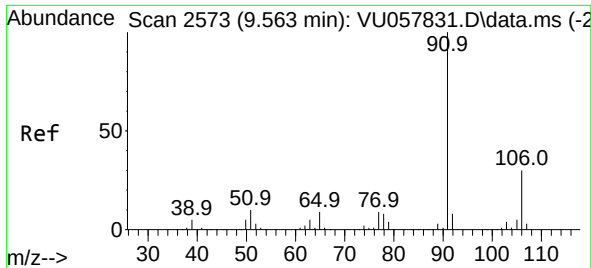
Delta R.T. -0.000 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

Tgt Ion:	112	Resp:	47506
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.0	41.0
77	64.8	48.2	72.4

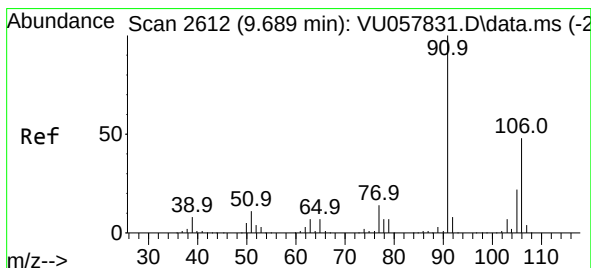
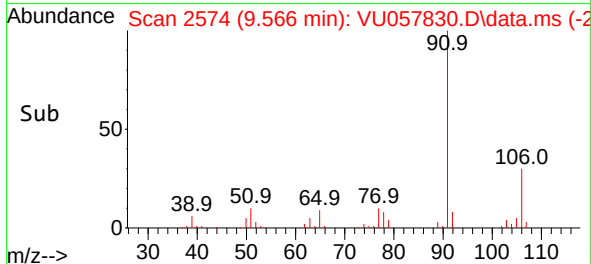
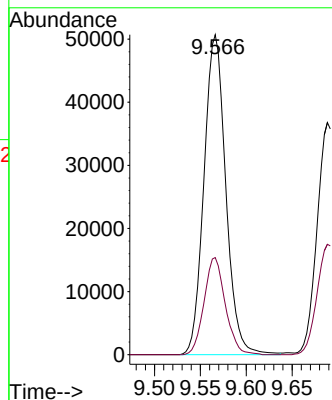
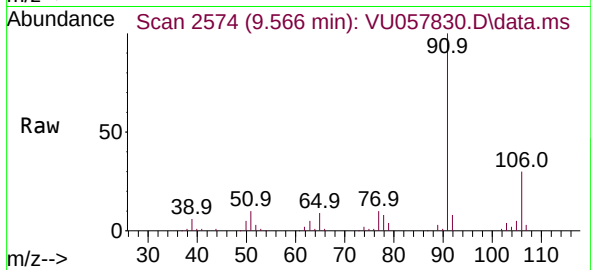




#52
Ethylbenzene
Concen: 9.960 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

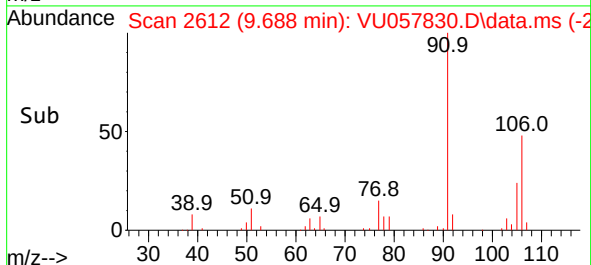
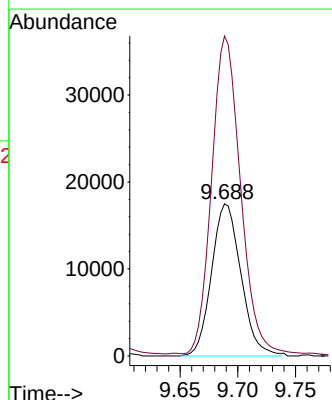
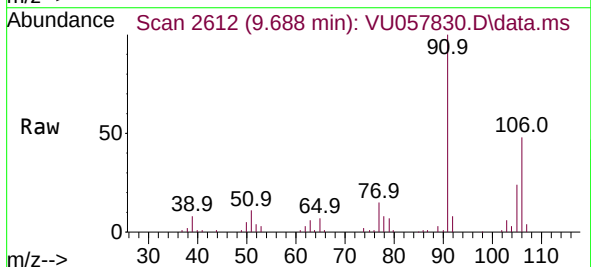
Instrument :
MSVOA_U
ClientSampleId :

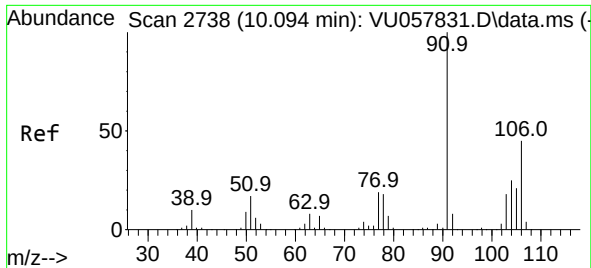
Tgt Ion: 91 Resp: 83979
Ion Ratio Lower Upper
91 100
106 33.3 20.9 38.9



#53
m,p-Xylene
Concen: 9.807 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion:106 Resp: 30904
Ion Ratio Lower Upper
106 100
91 210.4 145.3 269.9

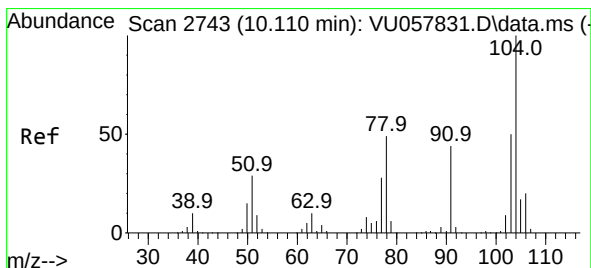
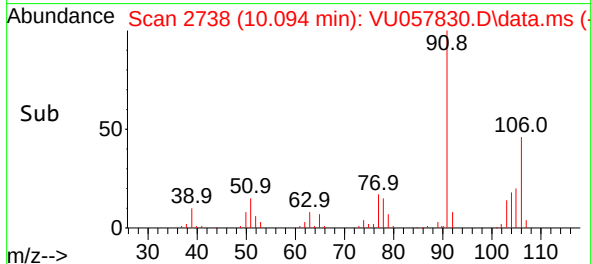
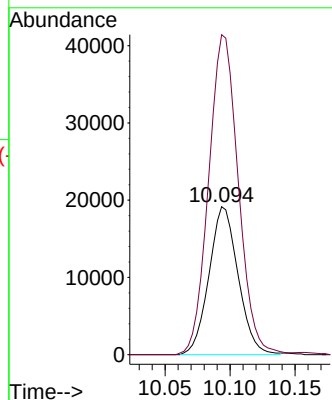
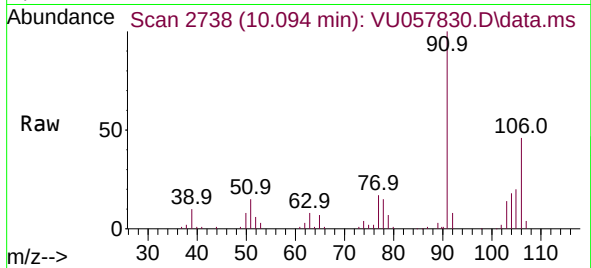




#54
o-Xylene
Concen: 9.733 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

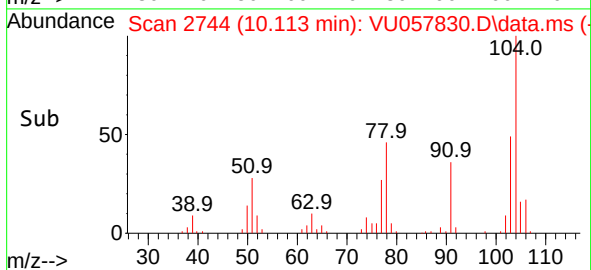
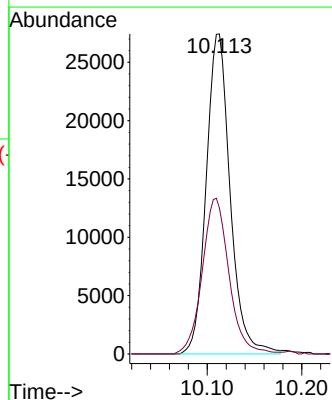
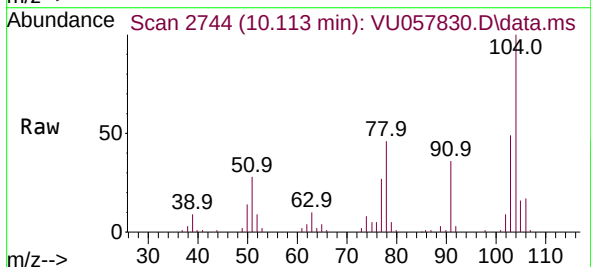
Instrument :
MSVOA_U
ClientSampleId :

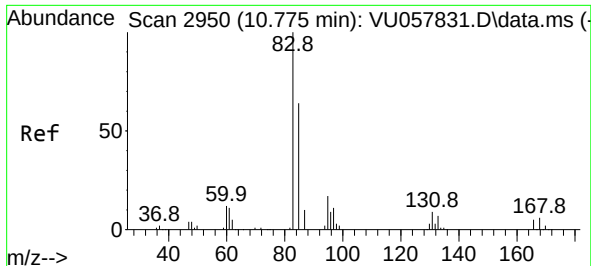
Tgt Ion:106 Resp: 29867
Ion Ratio Lower Upper
106 100
91 216.2 155.3 288.3



#55
Styrene
Concen: 9.336 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion:104 Resp: 48296
Ion Ratio Lower Upper
104 100
78 45.6 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 10.158 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU057830.D

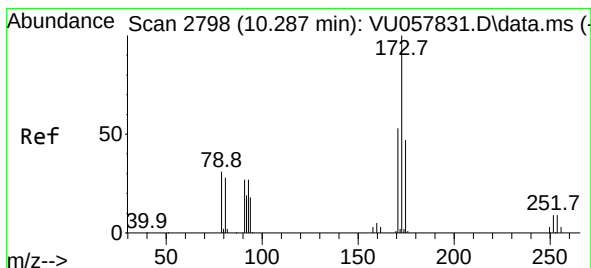
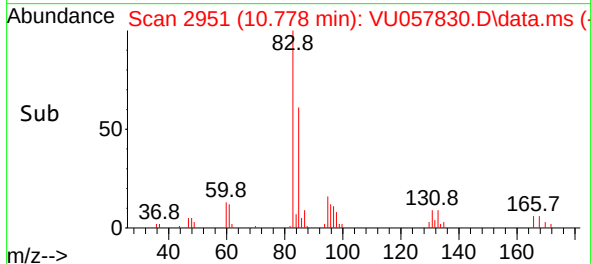
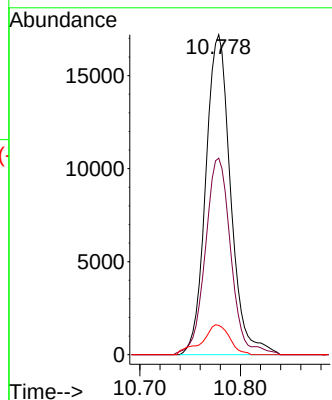
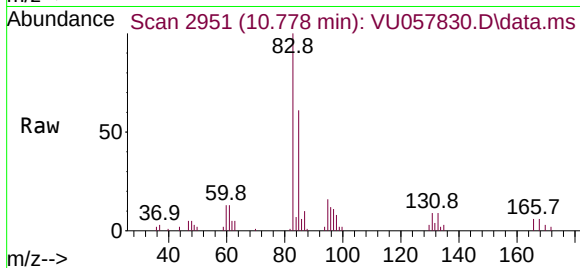
Acq: 07 Feb 2024 09:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	29550
Ion Ratio	Lower	Upper	
83	100		
85	61.4	45.1	83.7
131	12.9	7.5	11.3#



#59

Bromoform

Concen: 7.152 ug/L

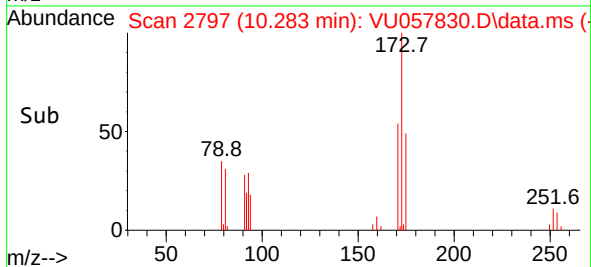
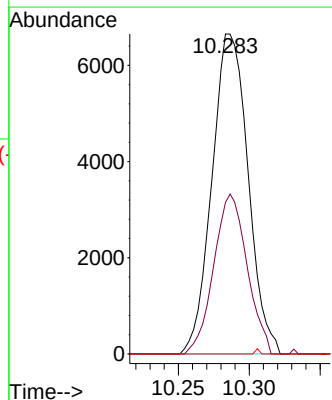
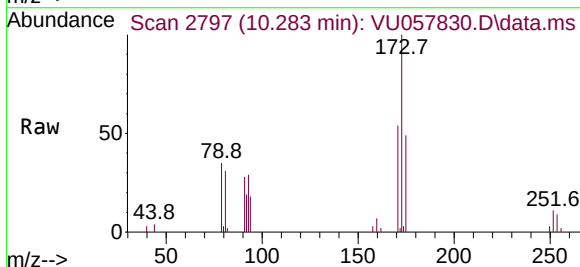
RT: 10.283 min Scan# 2797

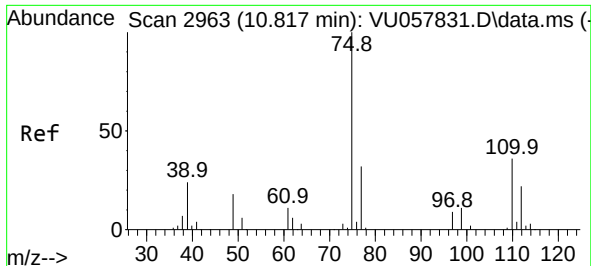
Delta R.T. -0.003 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

Tgt Ion:	173	Resp:	11786
Ion Ratio	Lower	Upper	
173	100		
175	46.2	37.7	56.5
254	0.0	6.2	9.2#

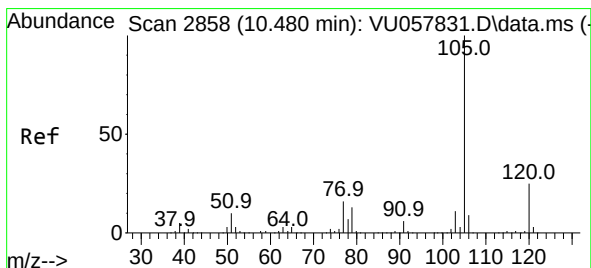
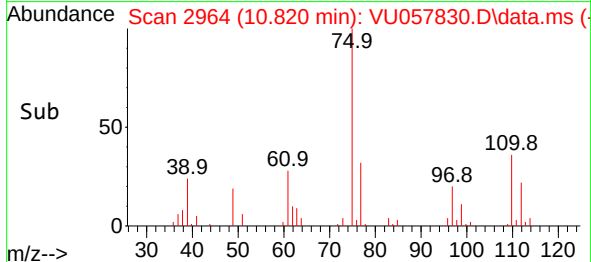
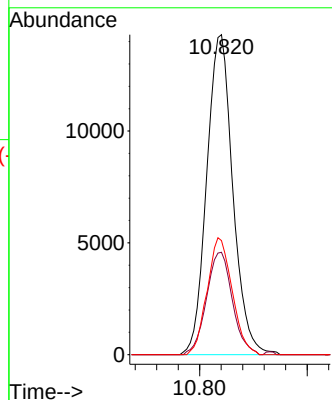
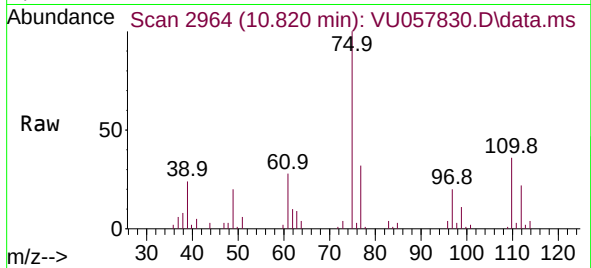




#60
1,2,3-Trichloropropane
Concen: 10.584 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

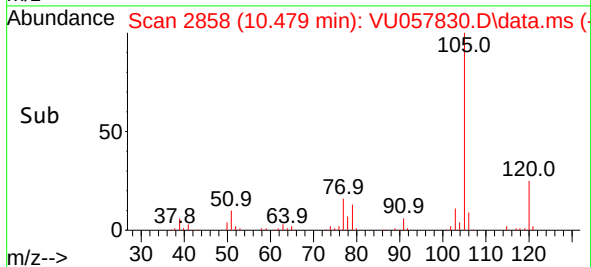
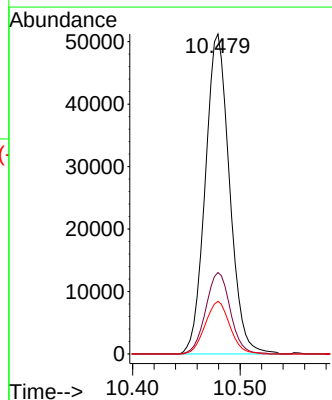
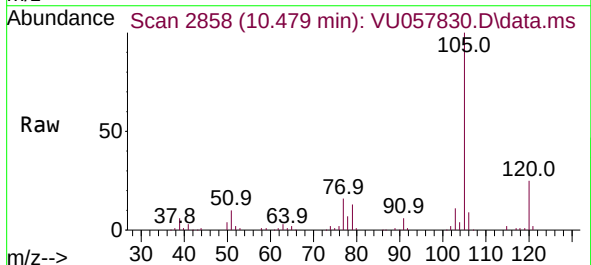
Instrument :
MSVOA_U
ClientSampleId :

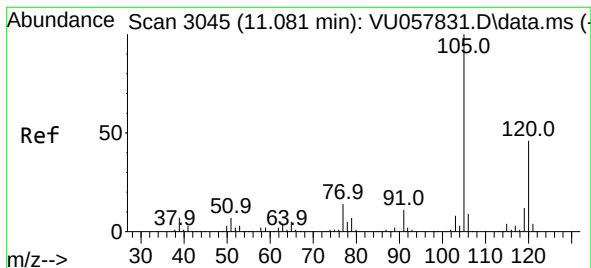
Tgt Ion: 75 Resp: 24130
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
110 34.9 29.1 43.7



#61
Isopropylbenzene
Concen: 10.226 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion: 105 Resp: 80344
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 16.7 13.2 19.8





#62

1,3,5-Trimethylbenzene

Concen: 9.869 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA_U

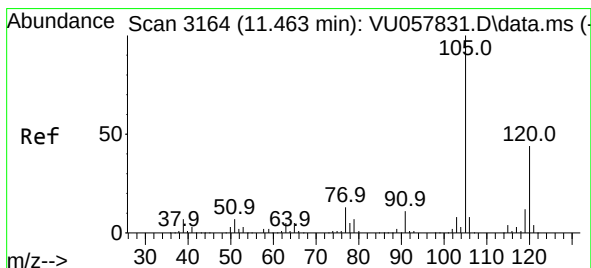
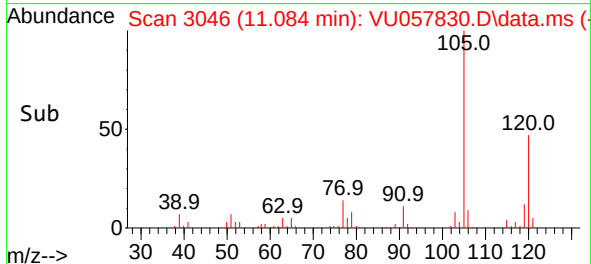
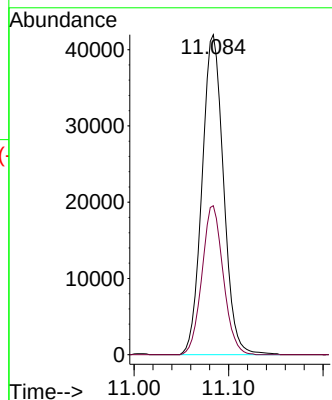
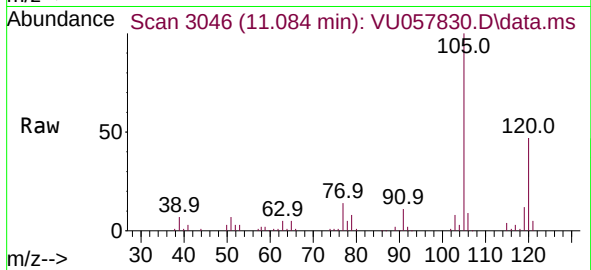
ClientSampleId :

Tgt Ion:105 Resp: 66253

Ion Ratio Lower Upper

105 100

120 46.1 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 9.981 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU057830.D

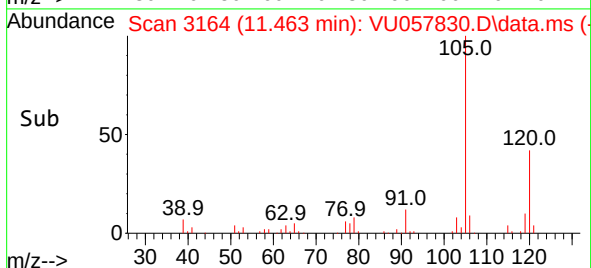
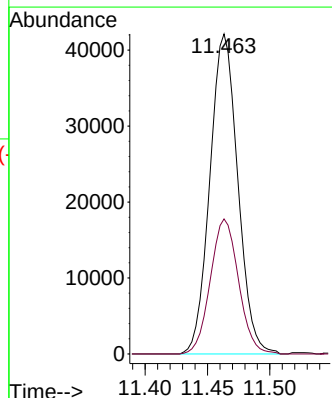
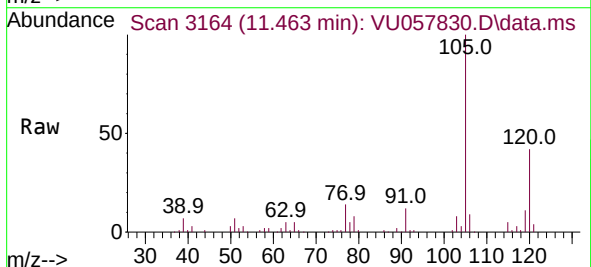
Acq: 07 Feb 2024 09:43

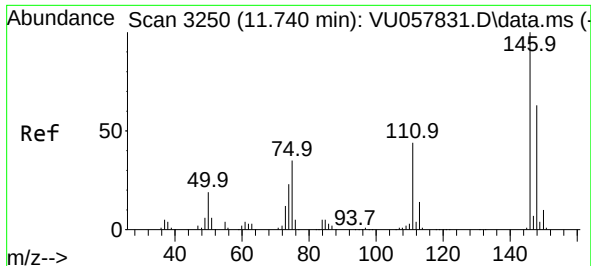
Tgt Ion:105 Resp: 65739

Ion Ratio Lower Upper

105 100

120 42.6 35.4 53.0

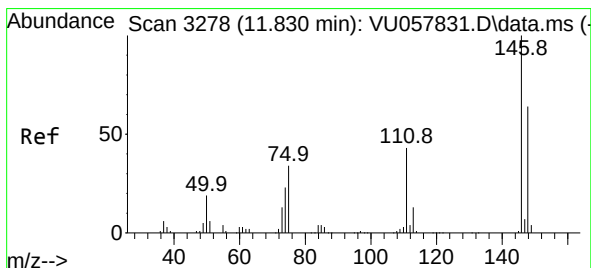
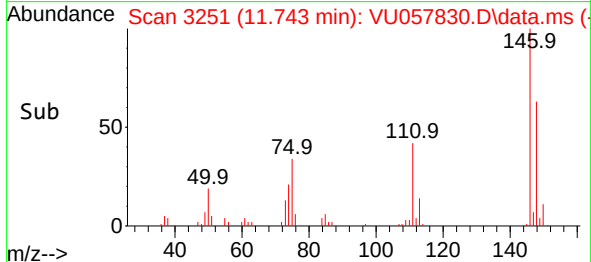
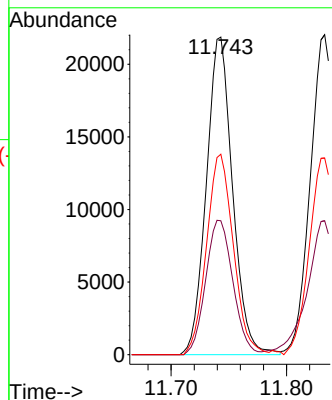
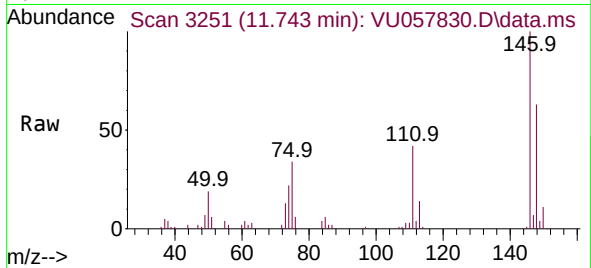




#64
1,3-Dichlorobenzene
Concen: 9.441 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

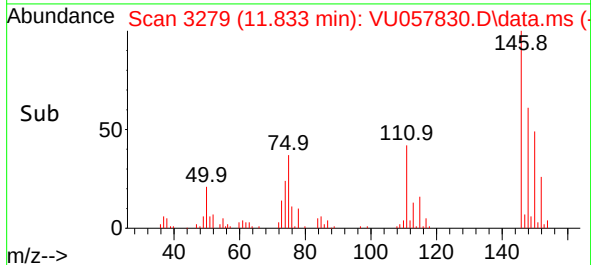
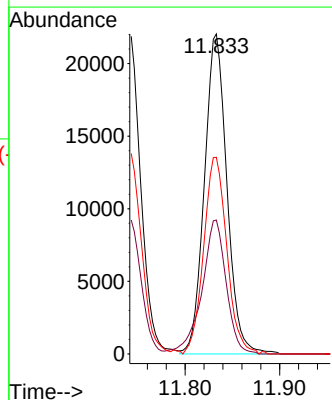
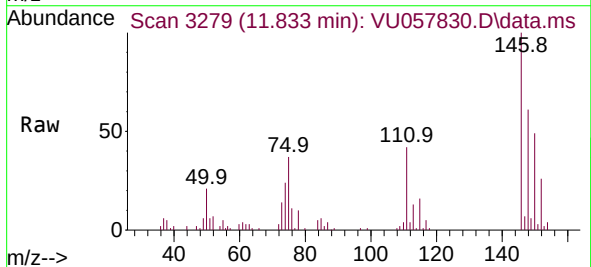
Instrument :
MSVOA_U
ClientSampleId :

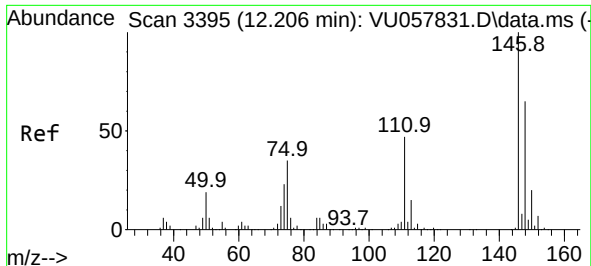
Tgt Ion:146 Resp: 34593
Ion Ratio Lower Upper
146 100
111 42.2 31.1 57.7
148 67.0 46.8 86.8



#65
1,4-Dichlorobenzene
Concen: 9.699 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion:146 Resp: 36540
Ion Ratio Lower Upper
146 100
111 41.9 30.5 56.7
148 67.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 9.699 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA_U

ClientSampleId :

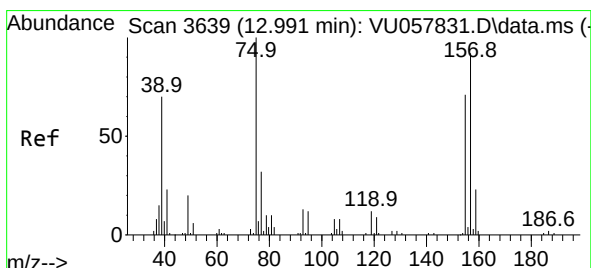
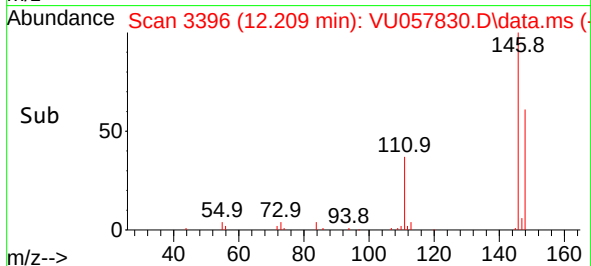
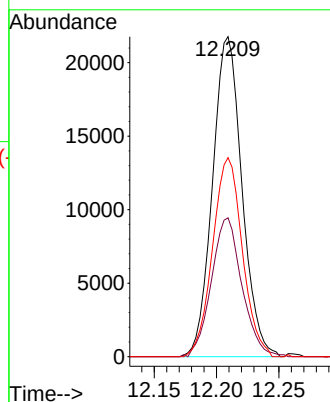
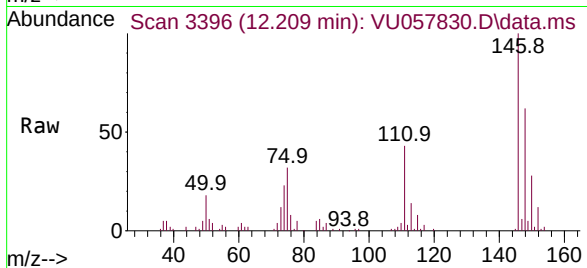
Tgt Ion:146 Resp: 35806

Ion Ratio Lower Upper

146 100

111 46.7 37.8 56.8

148 66.9 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 8.834 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

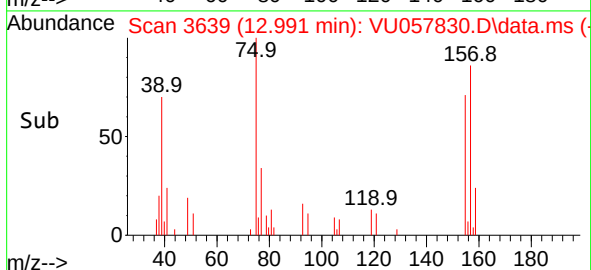
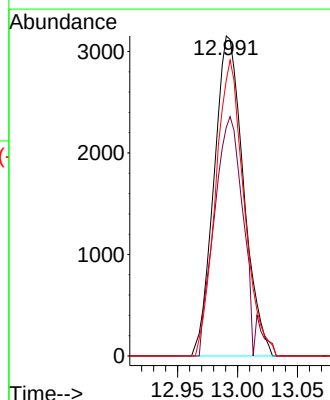
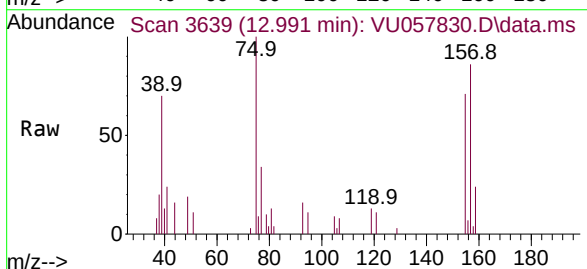
Tgt Ion: 75 Resp: 5380

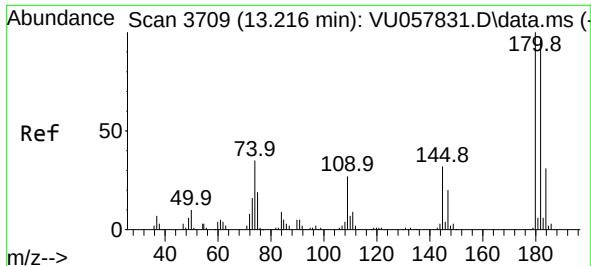
Ion Ratio Lower Upper

75 100

155 71.4 55.9 83.9

157 83.0 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 9.399 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

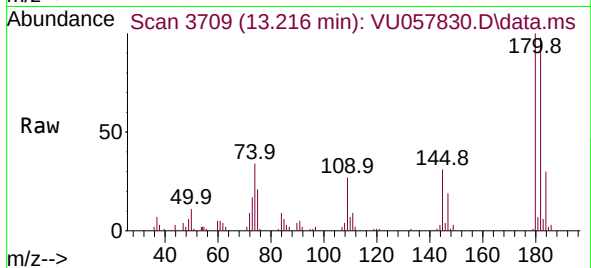
Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 24756

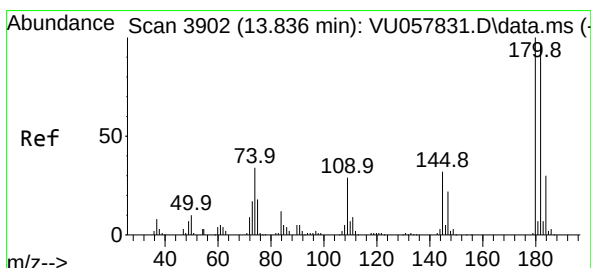
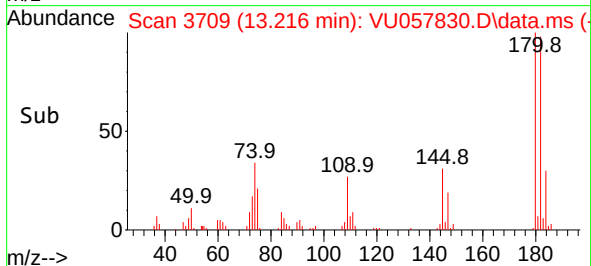
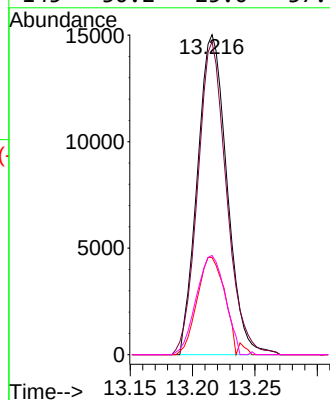
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

184 28.1 24.3 36.5

145 30.2 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 9.787 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU057830.D

Acq: 07 Feb 2024 09:43

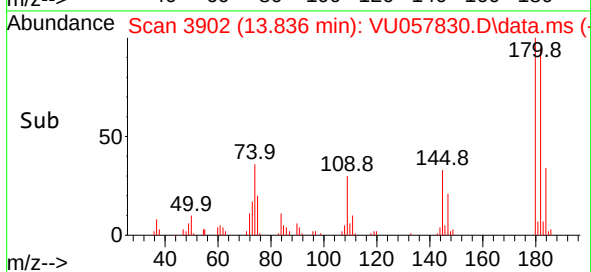
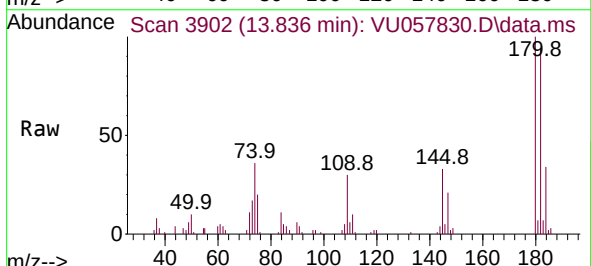
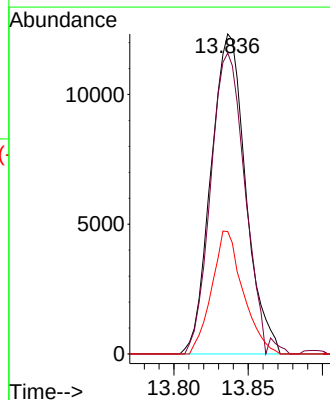
Tgt Ion:180 Resp: 20050

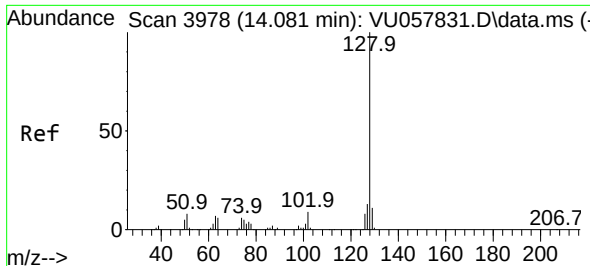
Ion Ratio Lower Upper

180 100

182 91.7 76.0 114.0

145 34.7 25.5 38.3

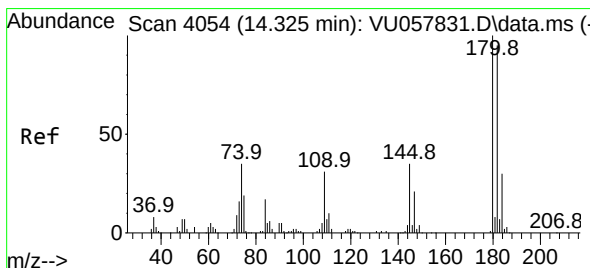
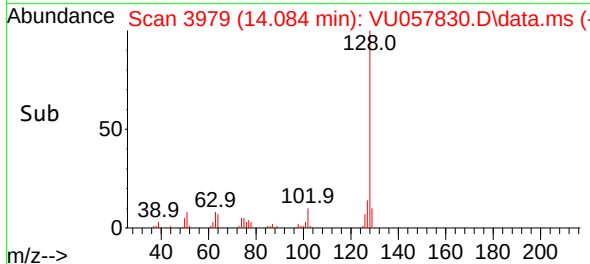
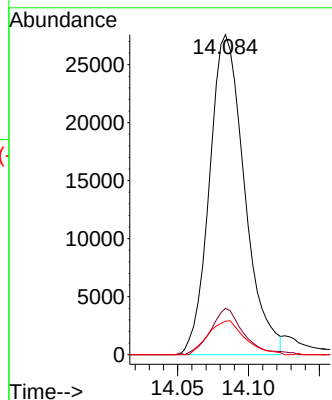
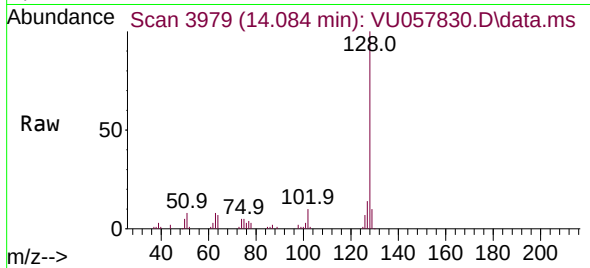




#71
Naphthalene
Concen: 9.677 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 47518
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 9.967 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU057830.D
Acq: 07 Feb 2024 09:43

Tgt Ion:180 Resp: 19099
Ion Ratio Lower Upper
180 100
182 95.3 76.6 114.8
145 33.3 27.7 41.5

