

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056723.D
 Acq On : 11 Dec 2023 11:04
 Operator : MD/SY
 Sample : VSTD00507
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:38:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 00:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	257676	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	256171	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	125912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	110262	4.992	ug/L	0.00
7) Chloroethane-d5	1.911	69	85048	5.146	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	47836	5.062	ug/L	0.00
20) 2-Butanone-d5	4.618	46	224191	51.398	ug/L	0.00
24) Chloroform-d	5.055	84	210008	5.021	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	99560	5.030	ug/L	0.00
32) Benzene-d6	5.721	84	408191	5.137	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	124058	4.988	ug/L	0.00
41) Toluene-d8	7.894	98	366402	5.159	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	47947	4.971	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	181794	50.448	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	88218	4.903	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	119739	4.838	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	129426	4.793	ug/L	100
3) Chloromethane	1.515	50	125904	4.742	ug/L	100
5) Vinyl chloride	1.602	62	126921	4.814	ug/L	100
6) Bromomethane	1.853	94	72219	4.646	ug/L	100
8) Chloroethane	1.930	64	75495	4.888	ug/L	100
9) Trichlorofluoromethane	2.136	101	182063	4.900	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	111876	4.909	ug/L	100
12) 1,1-Dichloroethene	2.576	96	99835	4.772	ug/L	100
13) Acetone	2.631	43	125180	47.092	ug/L	100
14) Carbon disulfide	2.788	76	345260	4.757	ug/L	100
15) Methyl Acetate	2.949	43	34611	4.777	ug/L	100
16) Methylene chloride	3.039	84	108771	4.772	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	225870	4.869	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	102097	4.813	ug/L	100
19) 1,1-Dichloroethane	3.862	63	197055	4.830	ug/L	100
21) 2-Butanone	4.698	43	214744	50.204	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	110761	4.800	ug/L	100
23) Bromochloromethane	4.968	128	47069	4.872	ug/L	100
25) Chloroform	5.081	83	206831	4.839	ug/L	100
27) 1,2-Dichloroethane	5.788	62	119991	4.747	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	180290	4.869	ug/L	100
30) Cyclohexane	5.383	56	170069	4.894	ug/L	100
31) Carbon tetrachloride	5.518	117	155703	4.838	ug/L	100
33) Benzene	5.769	78	444975	4.943	ug/L	100
34) Trichloroethene	6.537	95	120140	4.865	ug/L	100
35) Methylcyclohexane	6.756	83	174410	4.786	ug/L	100
37) 1,2-Dichloropropane	6.785	63	113279	4.919	ug/L	100
38) Bromodichloromethane	7.100	83	142542	4.853	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	164634	4.905	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	533115	48.750	ug/L	100
42) Toluene	7.965	91	462281	4.963	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	134374	4.885	ug/L	100

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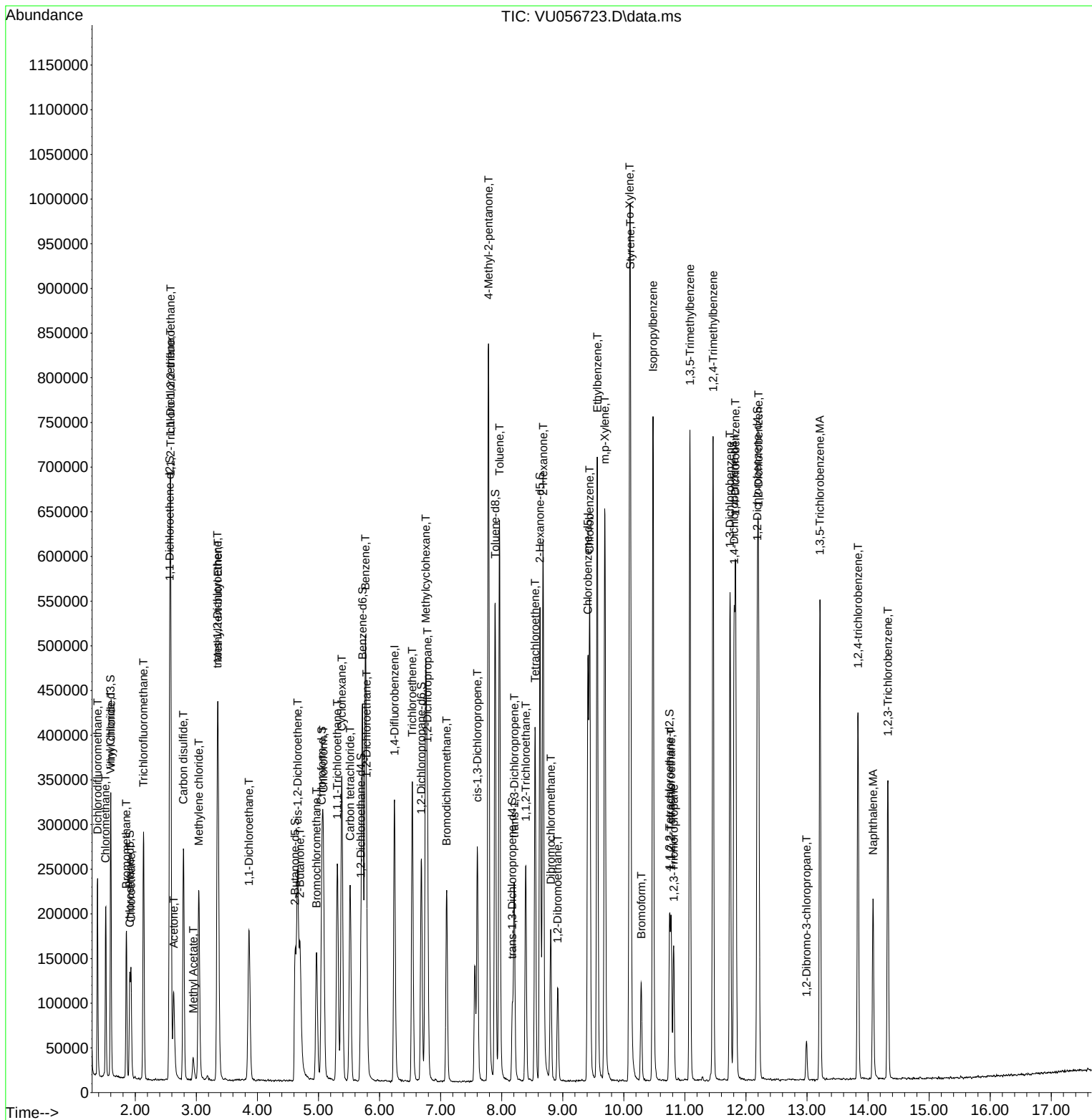
Quant Time: Dec 12 00:38:48 2023
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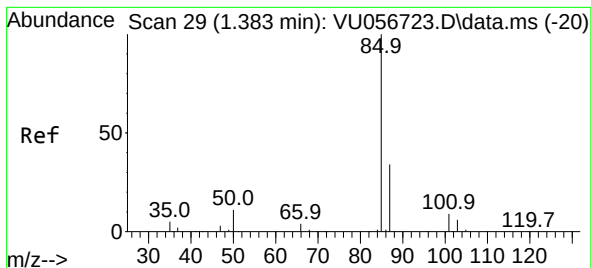
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	76420	4.908	ug/L	100
47) Tetrachloroethene	8.547	164	83657	4.840	ug/L	100
48) 2-Hexanone	8.679	43	381654	49.002	ug/L	100
49) Dibromochloromethane	8.804	129	87663	4.898	ug/L	100
50) 1,2-Dibromoethane	8.917	107	72065	4.987	ug/L	100
51) Chlorobenzene	9.441	112	285998	4.817	ug/L	100
52) Ethylbenzene	9.566	91	505441	4.919	ug/L	100
53) m,p-Xylene	9.688	106	190583	4.978	ug/L	100
54) o-Xylene	10.097	106	181290	4.970	ug/L	100
55) Styrene	10.110	104	308582	5.152	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	89666	4.767	ug/L	100
59) Bromoform	10.286	173	48745	4.741	ug/L	100
60) Isopropylbenzene	10.479	105	494807	4.974	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	64087	4.740	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	395080	4.859	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	398171	4.931	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	225095	4.783	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	212507	4.586	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	197400	4.605	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	12561	4.654	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	160236	4.506	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	123020	4.369	ug/L	100
71) Naphthalene	14.084	128	164901	4.002	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	100970	4.224	ug/L	100

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

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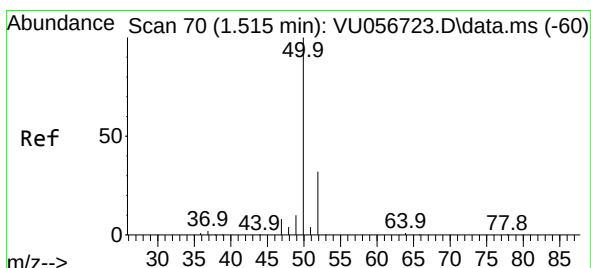
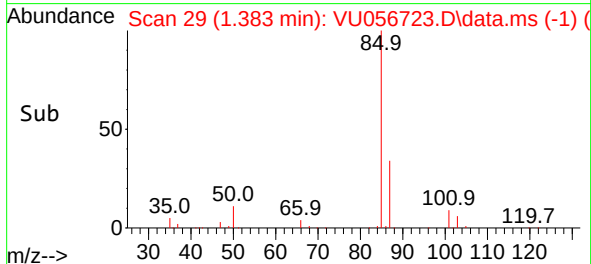
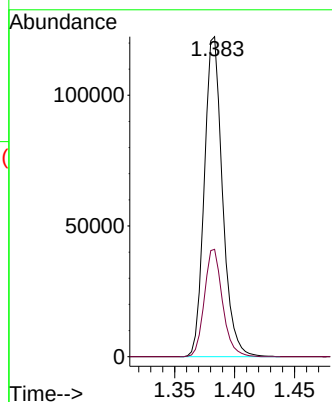
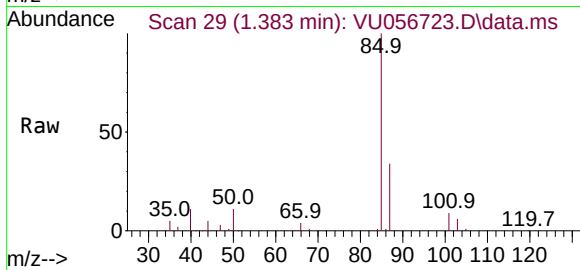




#2
 Dichlorodifluoromethane
 Concen: 4.793 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

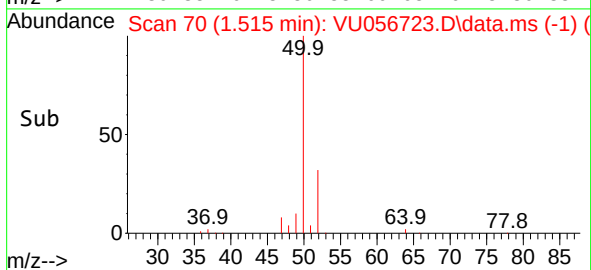
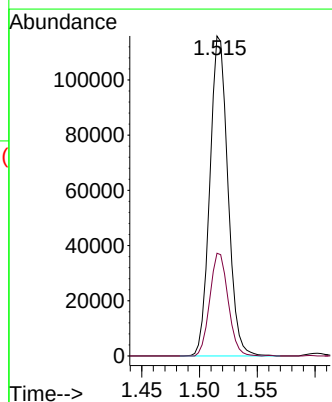
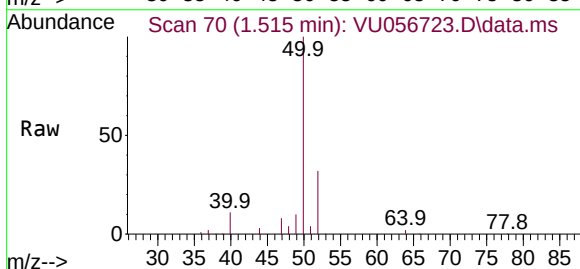
Instrument :
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 ClientSampleId :

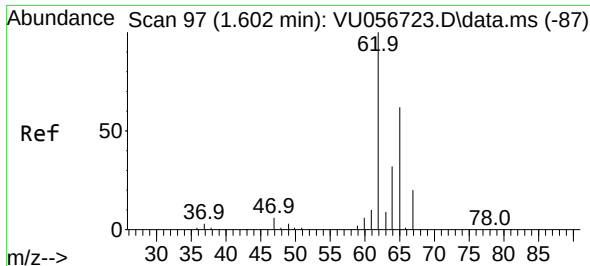
Tgt Ion: 85 Resp: 129426
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.8 40.2



#3
 Chloromethane
 Concen: 4.742 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

Tgt Ion: 50 Resp: 125904
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.5 41.7

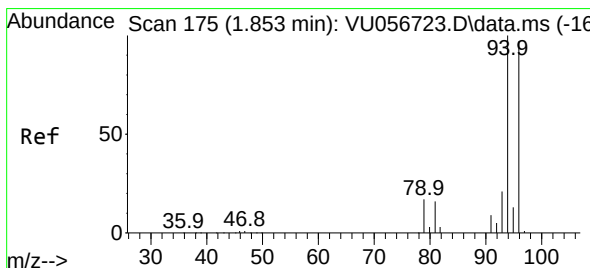
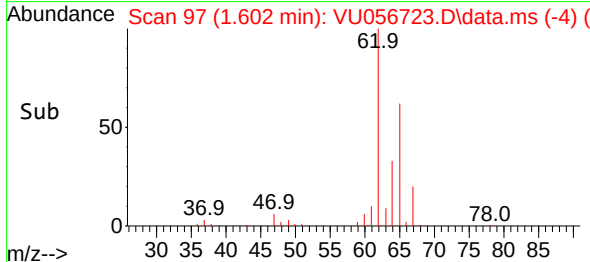
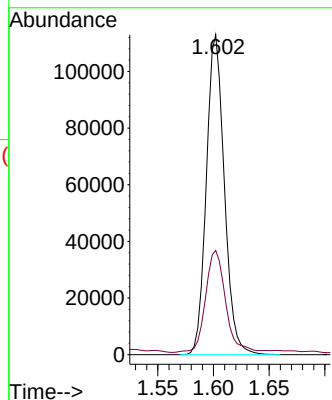
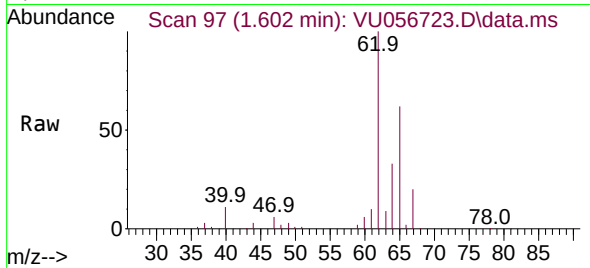




#5
 Vinyl chloride
 Concen: 4.814 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

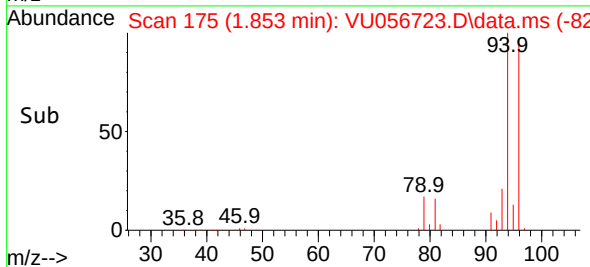
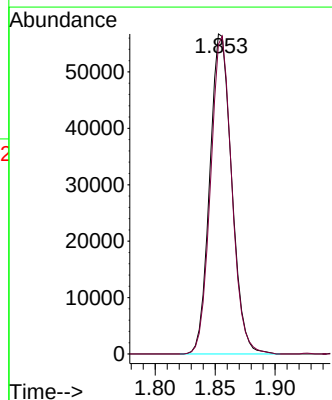
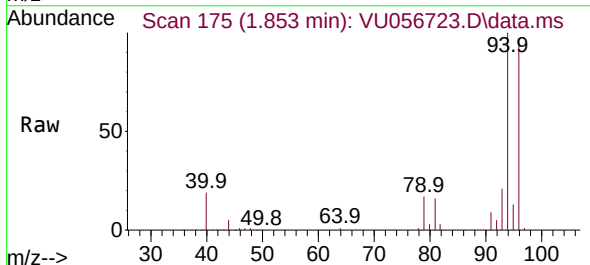
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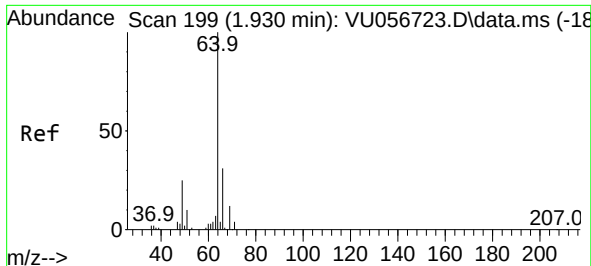
Tgt Ion: 62 Resp: 126921
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 4.646 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

Tgt Ion: 94 Resp: 72219
 Ion Ratio Lower Upper
 94 100
 96 96.8 67.8 125.8

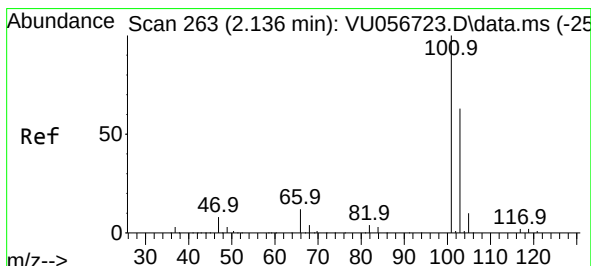
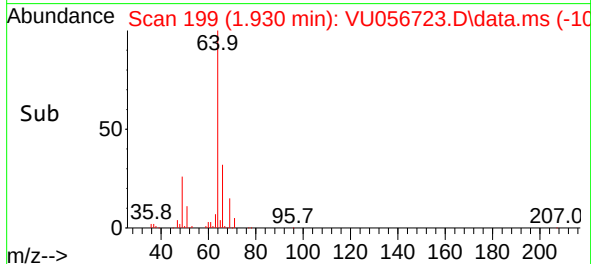
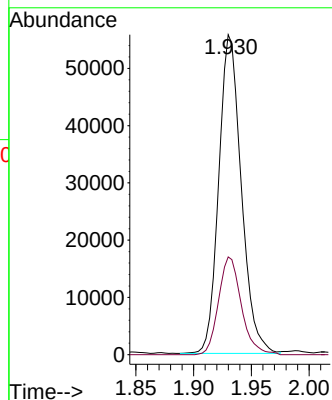
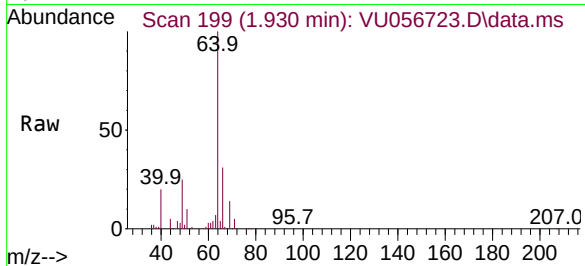




#8
Chloroethane
Concen: 4.888 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

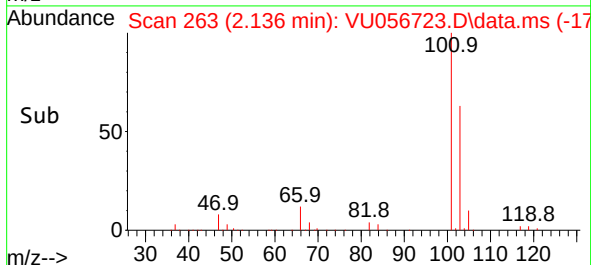
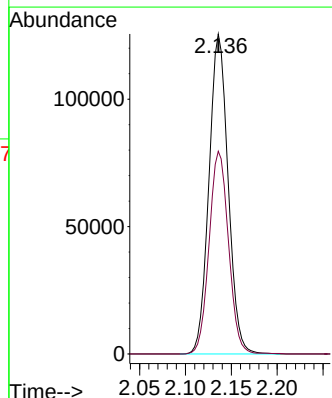
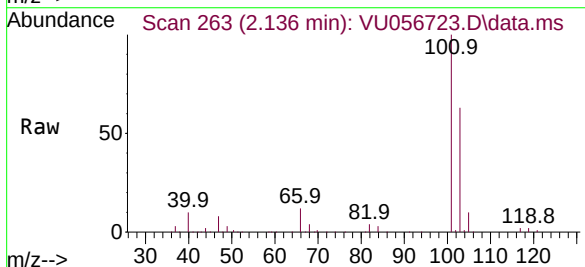
Instrument :
MSVOA_U
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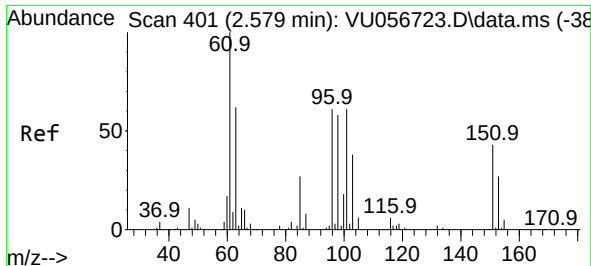
Tgt Ion: 64 Resp: 75495
Ion Ratio Lower Upper
64 100
66 30.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.900 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

Tgt Ion: 101 Resp: 182063
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

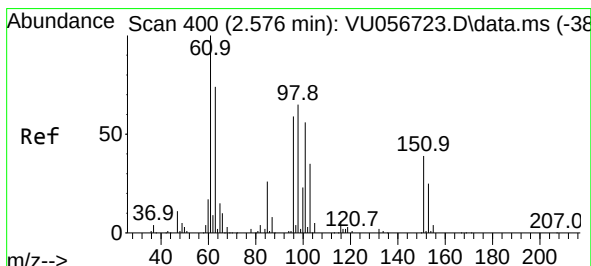
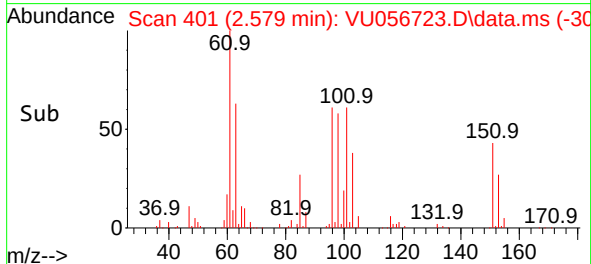
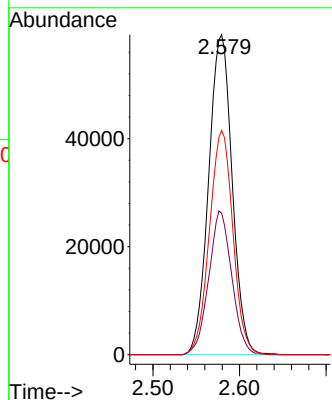
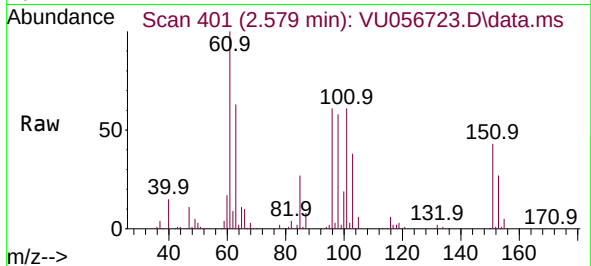




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.909 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

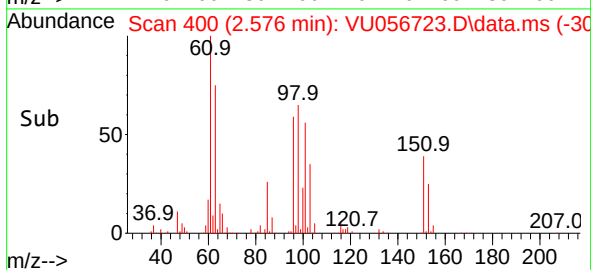
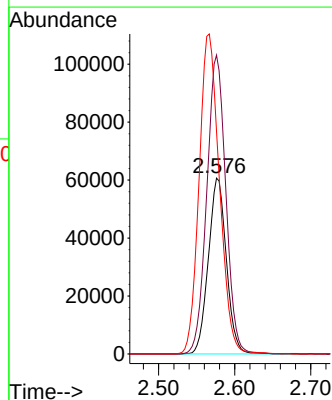
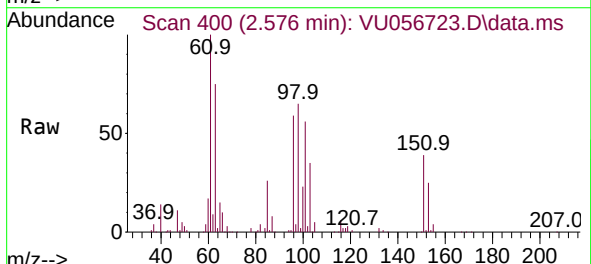
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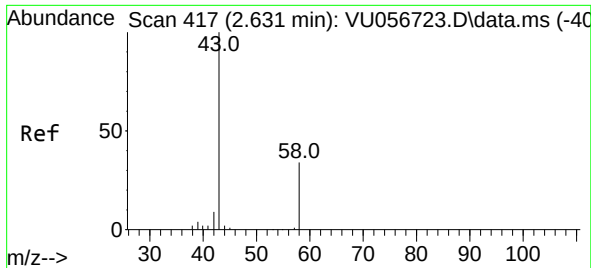
Tgt Ion:101 Resp: 111876
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.2 52.8
 151 70.0 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.772 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

Tgt Ion: 96 Resp: 99835
 Ion Ratio Lower Upper
 96 100
 61 170.0 119.0 221.0
 63 126.7 88.7 164.7





#13

Acetone

Concen: 47.092 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

Instrument :

MSVOA_U

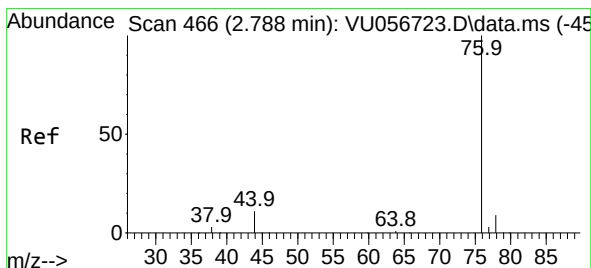
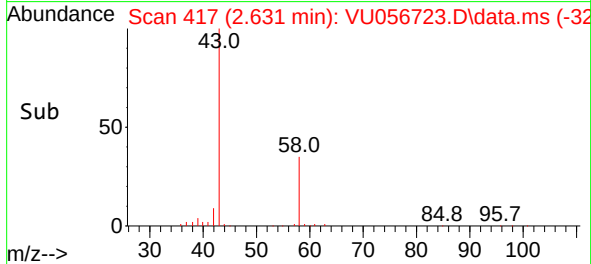
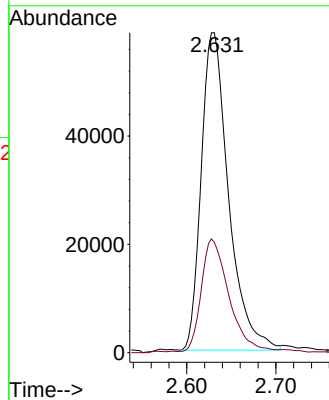
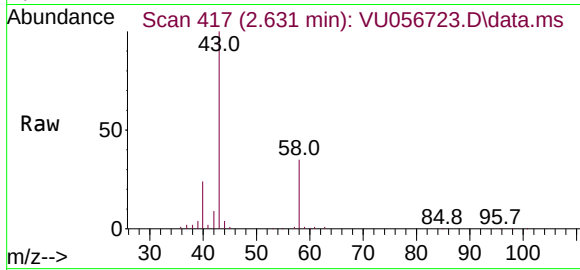
ClientSampleId :

Tgt Ion: 43 Resp: 125180

Ion Ratio Lower Upper

43 100

58 36.3 0.0 72.6



#14

Carbon disulfide

Concen: 4.757 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056723.D

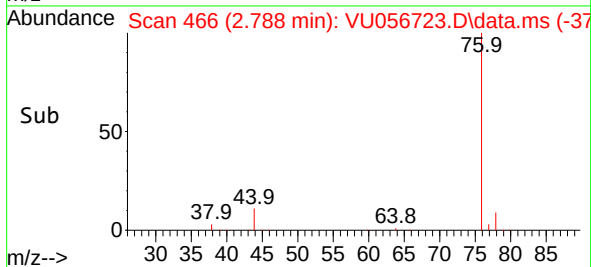
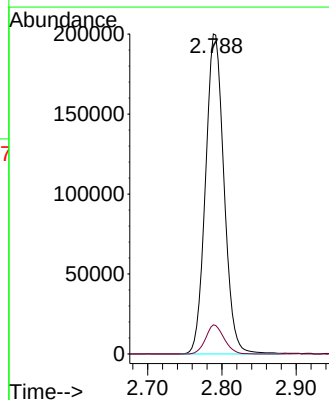
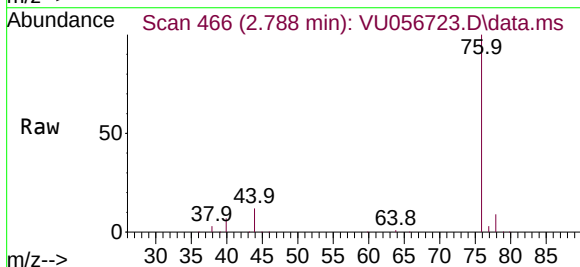
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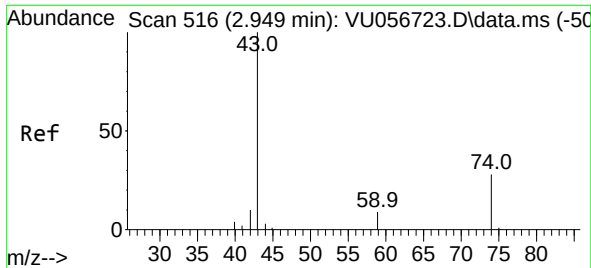
Tgt Ion: 76 Resp: 345260

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

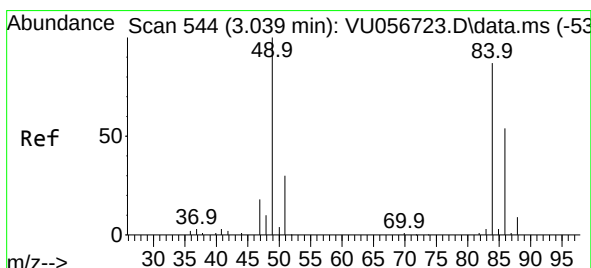
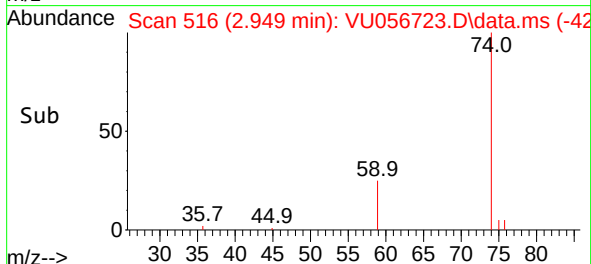
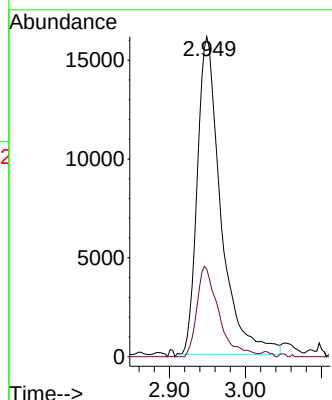
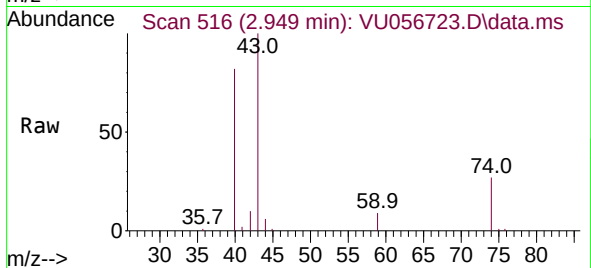




#15
Methyl Acetate
Concen: 4.777 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

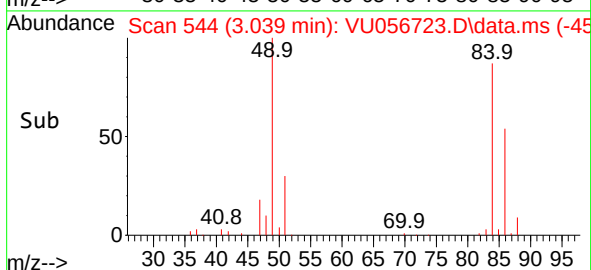
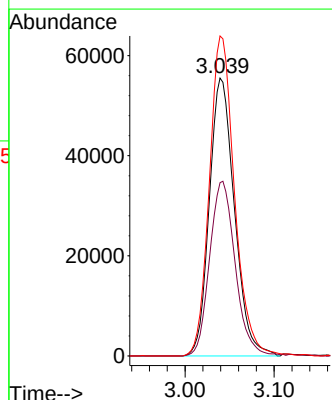
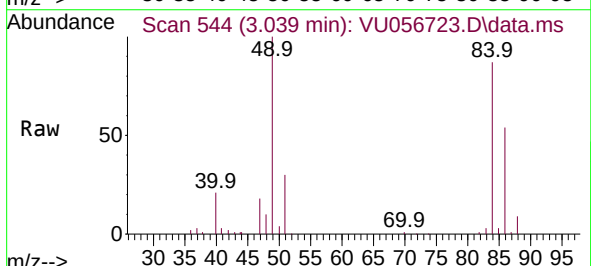
Instrument :
MSVOA_U
ClientSampleId :

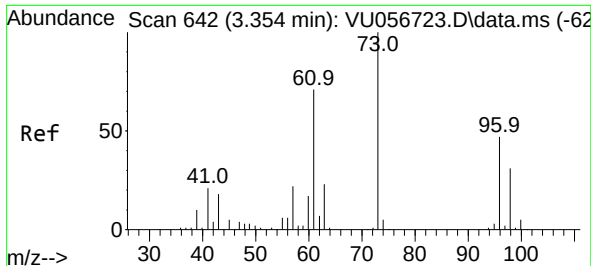
Tgt Ion: 43 Resp: 34611
Ion Ratio Lower Upper
43 100
74 26.3 21.0 31.6



#16
Methylene chloride
Concen: 4.772 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

Tgt Ion: 84 Resp: 108771
Ion Ratio Lower Upper
84 100
86 62.3 43.6 81.0
49 115.1 80.6 149.6





#17

Methyl tert-butyl Ether

Concen: 4.869 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

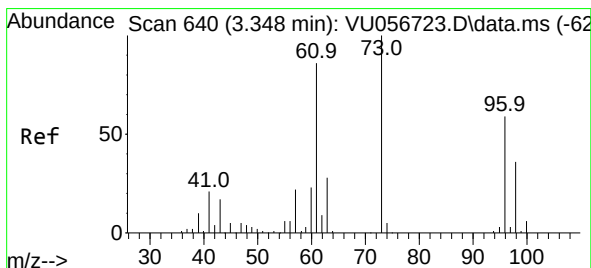
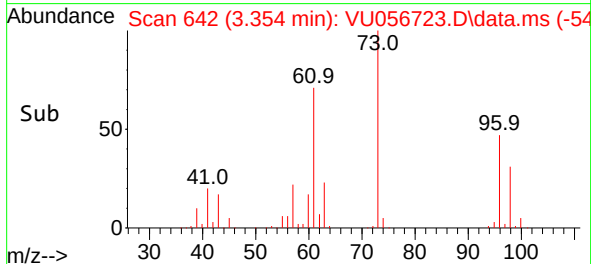
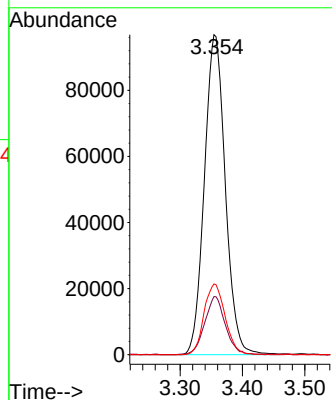
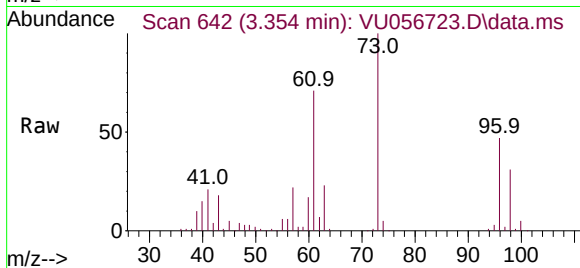
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73 Resp: 225870

Ion	Ratio	Lower	Upper
73	100		
43	18.0	14.4	21.6
57	22.3	17.8	26.8



#18

trans-1,2-Dichloroethene

Concen: 4.813 ug/L

RT: 3.348 min Scan# 640

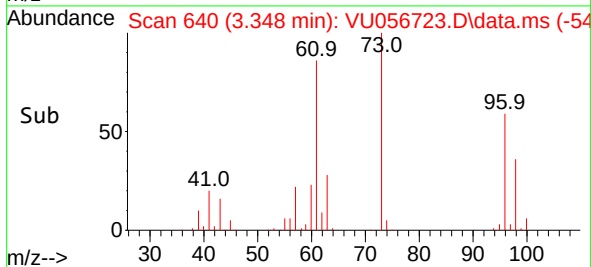
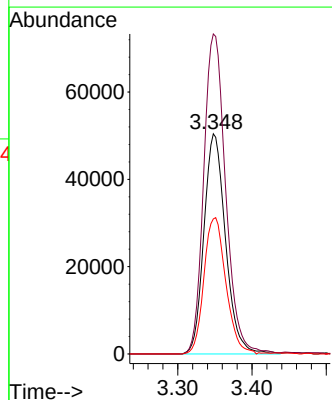
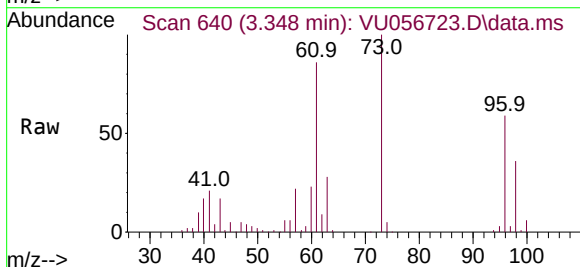
Delta R.T. 0.000 min

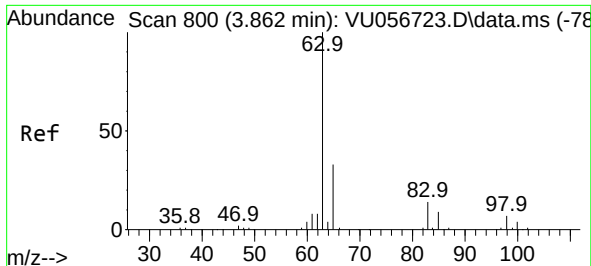
Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

Tgt Ion: 96 Resp: 102097

Ion	Ratio	Lower	Upper
96	100		
61	145.4	101.8	189.0
98	61.4	43.0	79.8





#19

1,1-Dichloroethane

Concen: 4.830 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

Instrument :

MSVOA_U

ClientSampleId :

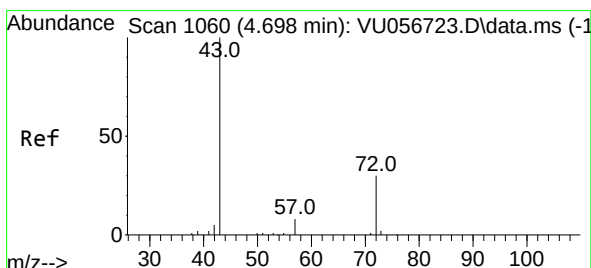
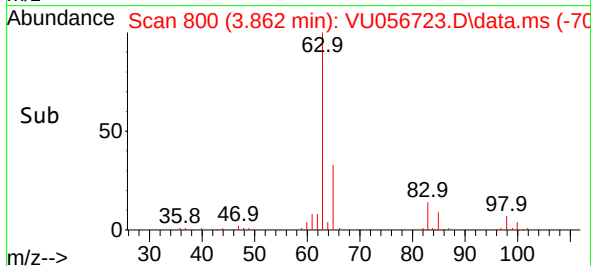
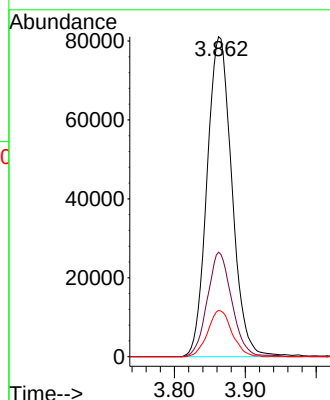
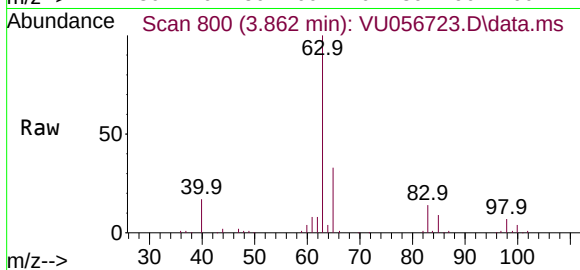
Tgt Ion: 63 Resp: 197055

Ion Ratio Lower Upper

63 100

65 32.7 22.9 42.5

83 14.5 10.1 18.9



#21

2-Butanone

Concen: 50.204 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VU056723.D

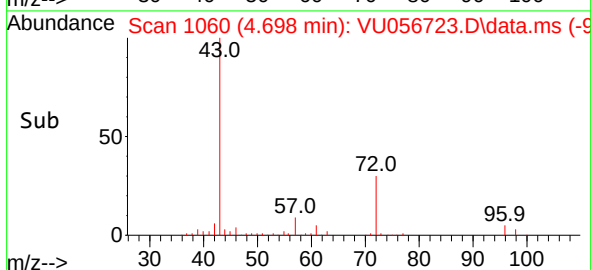
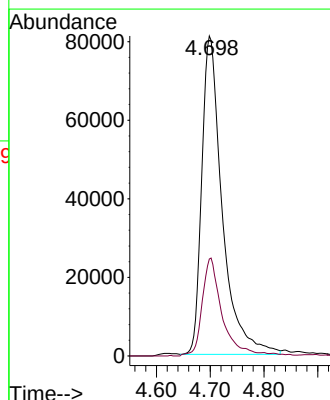
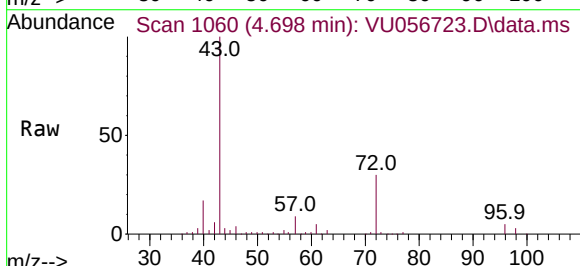
Acq: 11 Dec 2023 11:04

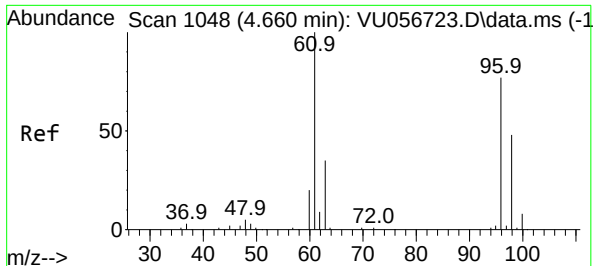
Tgt Ion: 43 Resp: 214744

Ion Ratio Lower Upper

43 100

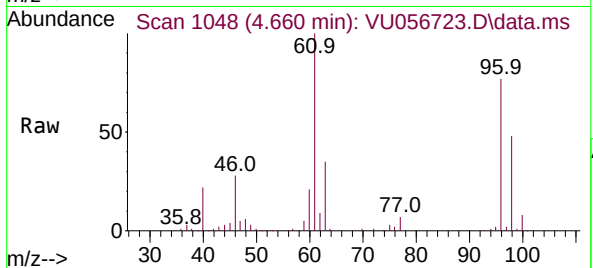
72 29.2 14.6 43.8





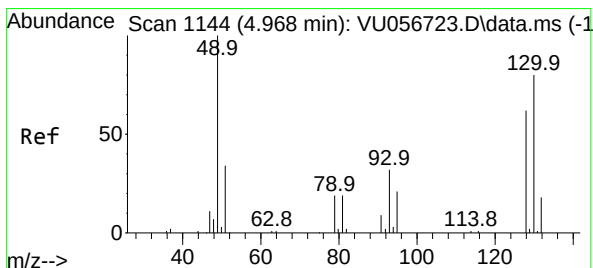
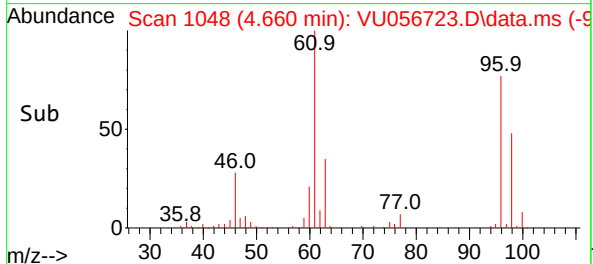
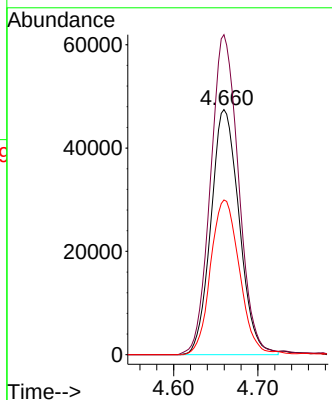
#22
 cis-1,2-Dichloroethene
 Concen: 4.800 ug/L
 RT: 4.660 min Scan# 110761
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 110761

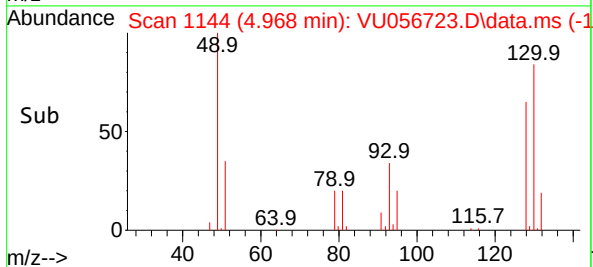
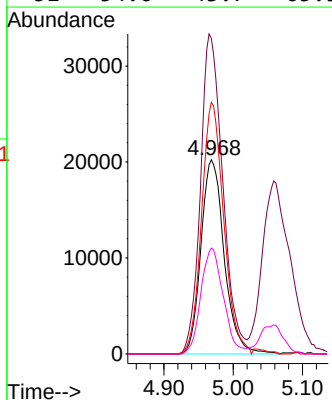
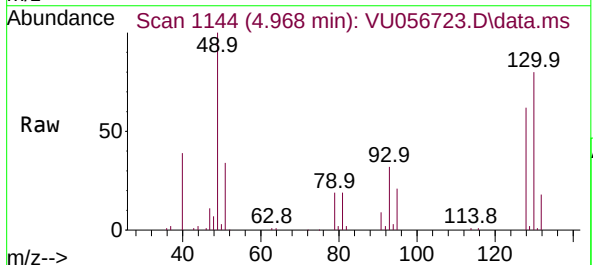
Ion	Ratio	Lower	Upper
96	100		
61	130.5	91.3	169.6
98	63.1	44.2	82.0

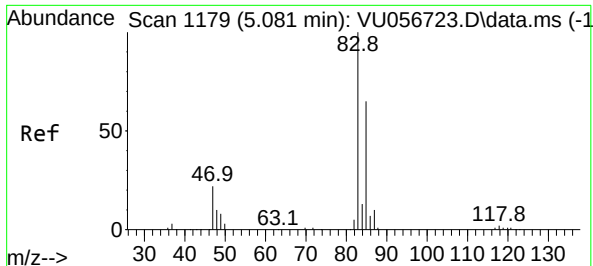


#23
 Bromochloromethane
 Concen: 4.872 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

Tgt Ion: 128 Resp: 47069

Ion	Ratio	Lower	Upper
128	100		
49	162.5	113.8	211.3
130	129.5	90.6	168.3
51	54.6	43.7	65.5





#25

Chloroform

Concen: 4.839 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

Instrument :

MSVOA_U

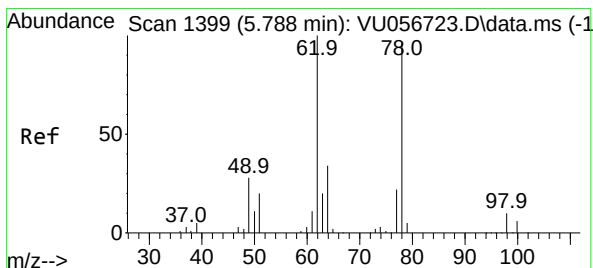
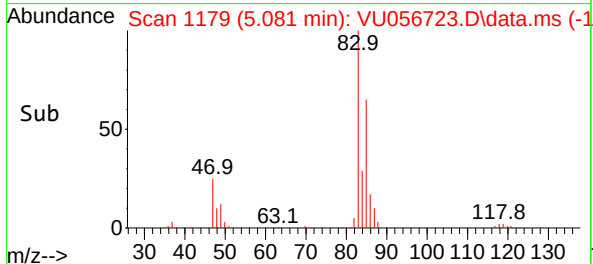
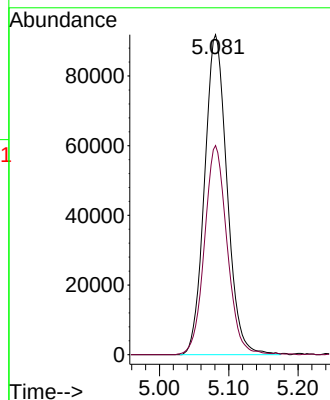
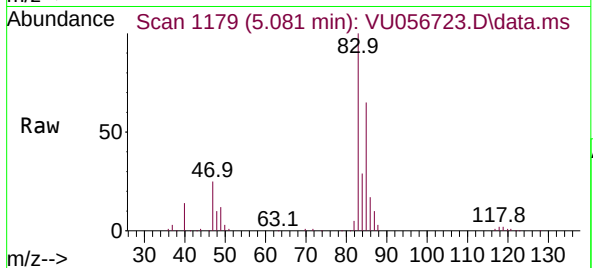
ClientSampleId :

Tgt Ion: 83 Resp: 206831

Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.0



#27

1,2-Dichloroethane

Concen: 4.747 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056723.D

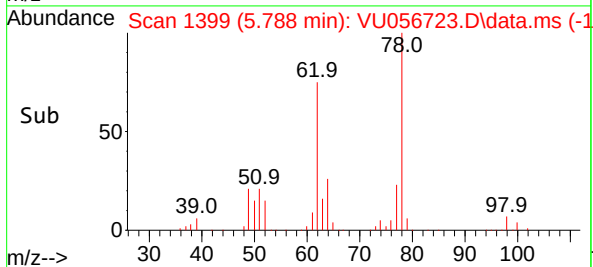
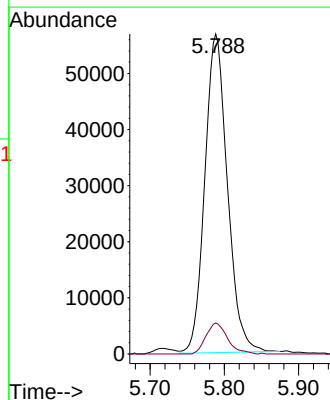
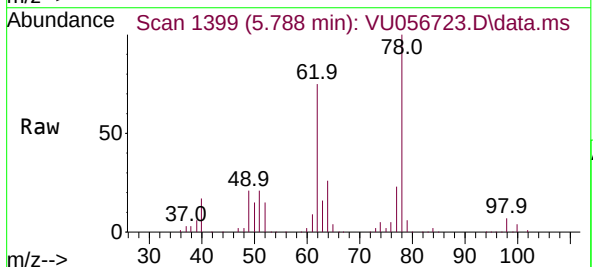
Acq: 11 Dec 2023 11:04

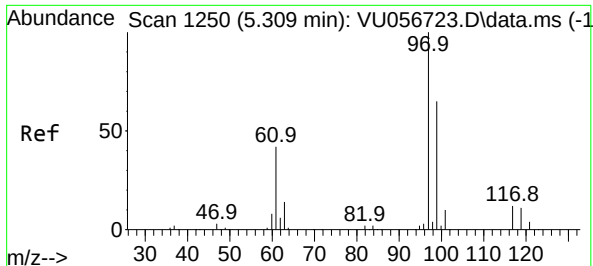
Tgt Ion: 62 Resp: 119991

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.6

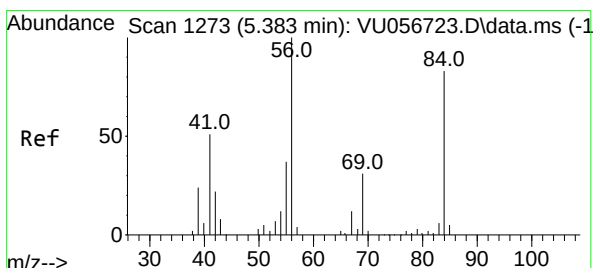
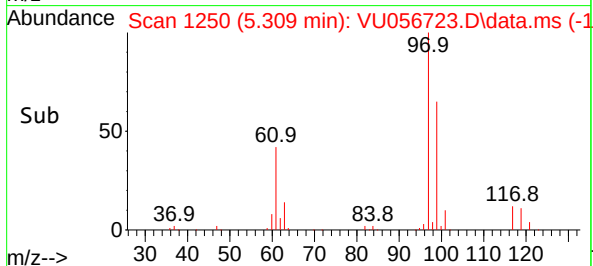
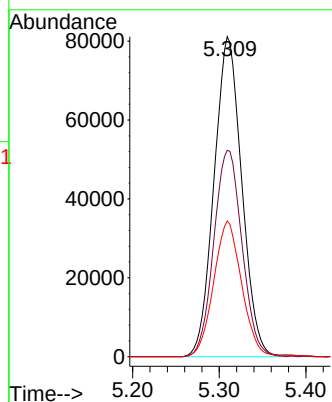
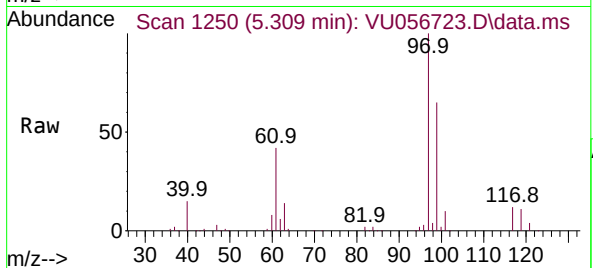




#29
1,1,1-Trichloroethane
Concen: 4.869 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

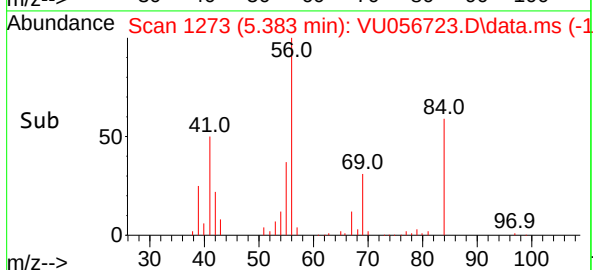
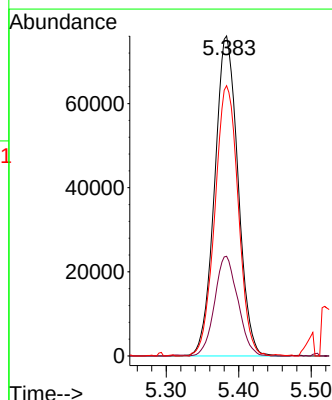
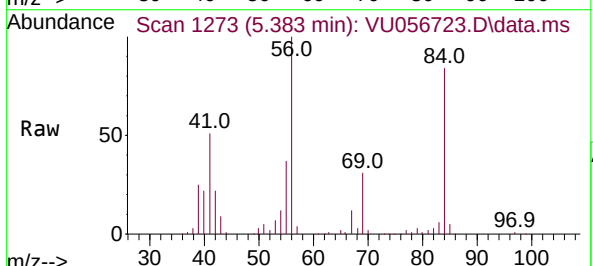
Instrument :
MSVOA_U
ClientSampleId :

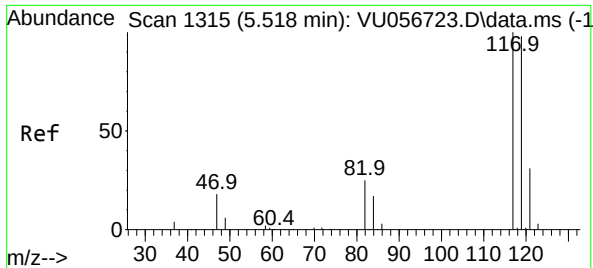
Tgt Ion: 97 Resp: 180290
Ion Ratio Lower Upper
97 100
99 65.6 52.5 78.7
61 42.7 34.2 51.2



#30
Cyclohexane
Concen: 4.894 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

Tgt Ion: 56 Resp: 170069
Ion Ratio Lower Upper
56 100
69 31.1 24.9 37.3
84 84.5 67.6 101.4

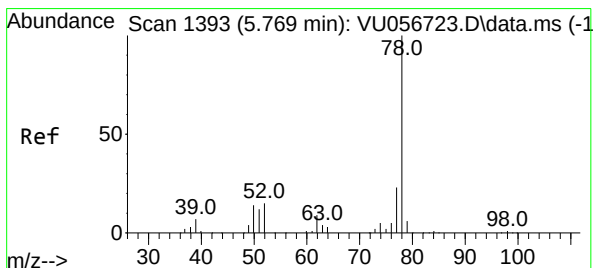
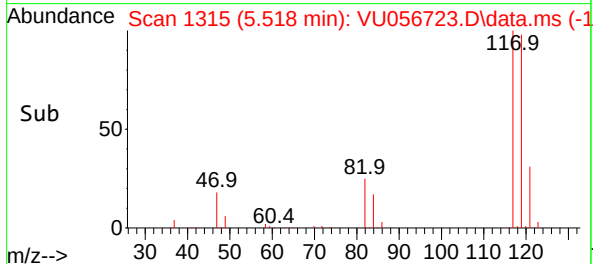
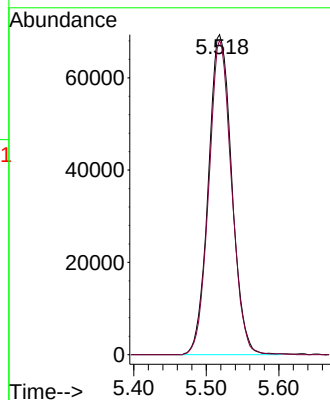
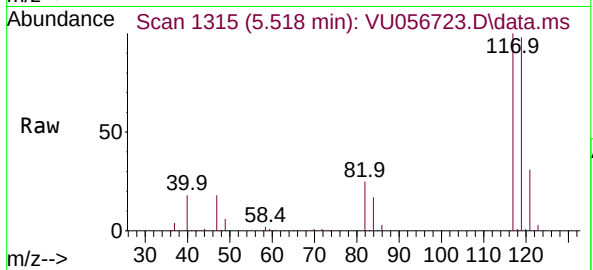




#31
Carbon tetrachloride
Concen: 4.838 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

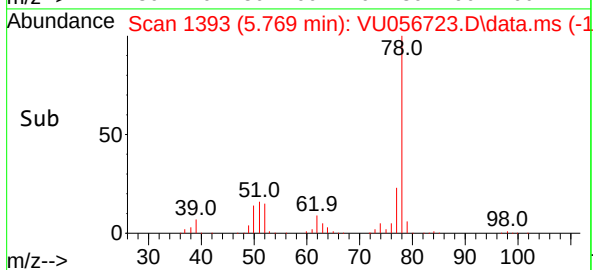
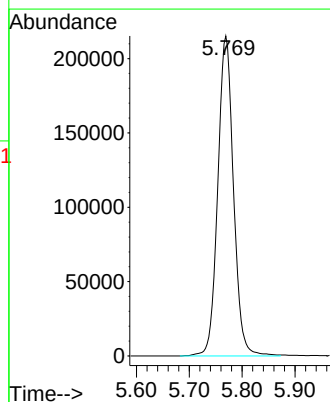
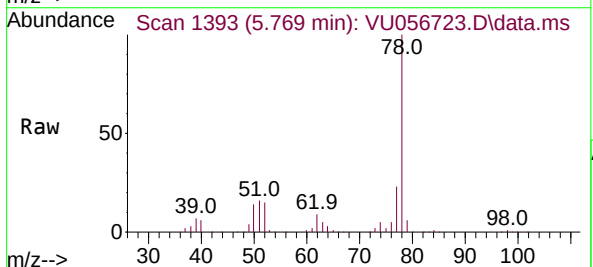
Instrument :
MSVOA_U
ClientSampleId :

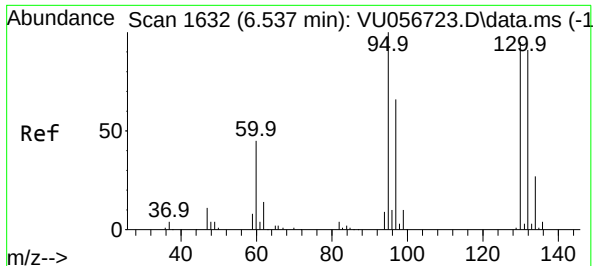
Tgt Ion:117 Resp: 155703
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4



#33
Benzene
Concen: 4.943 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

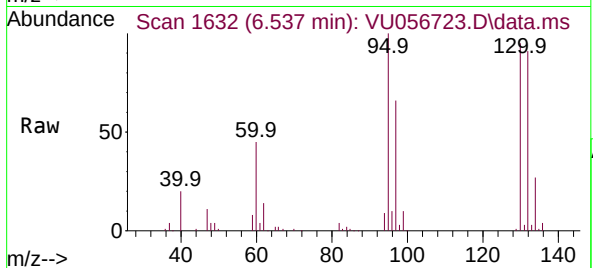
Tgt Ion: 78 Resp: 444975



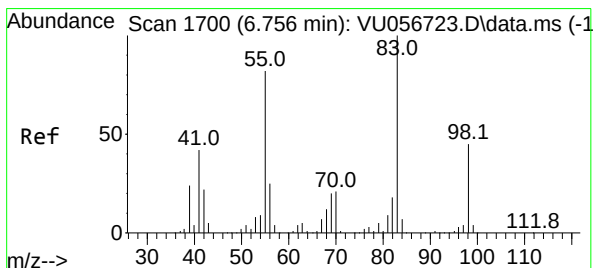
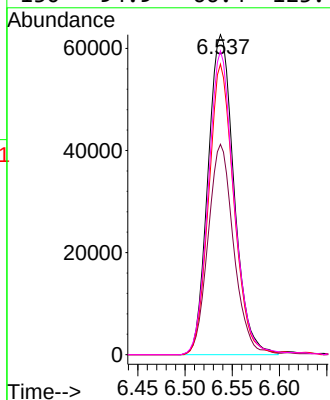
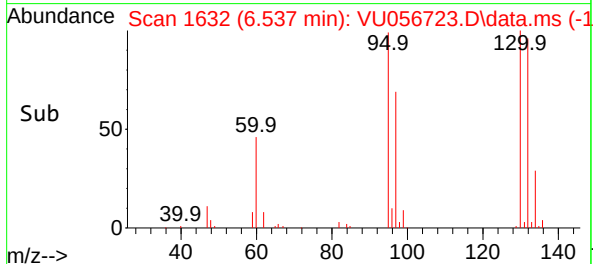


#34
Trichloroethene
Concen: 4.865 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

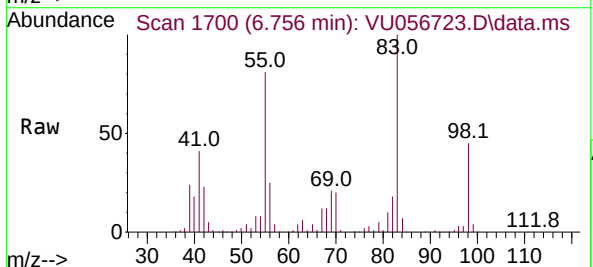
Instrument :
MSVOA_U
ClientSampleId :



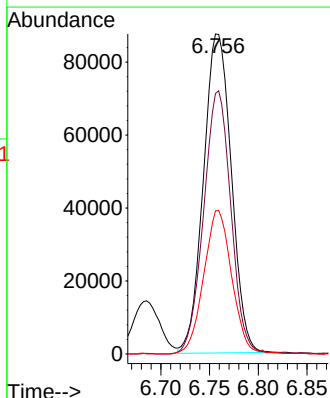
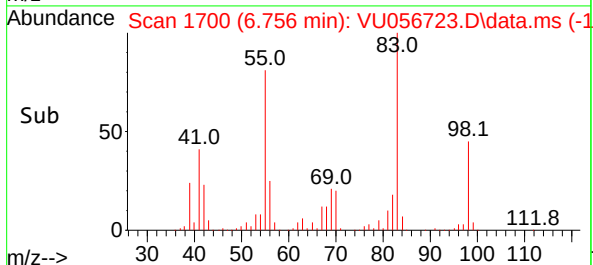
Tgt Ion: 95 Resp: 120140
Ion Ratio Lower Upper
95 100
97 65.8 46.1 85.5
132 90.8 63.6 118.0
130 94.9 66.4 123.4

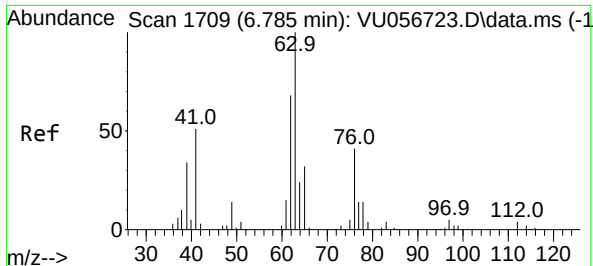


#35
Methylcyclohexane
Concen: 4.786 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04



Tgt Ion: 83 Resp: 174410
Ion Ratio Lower Upper
83 100
55 80.8 64.6 97.0
98 45.1 36.1 54.1

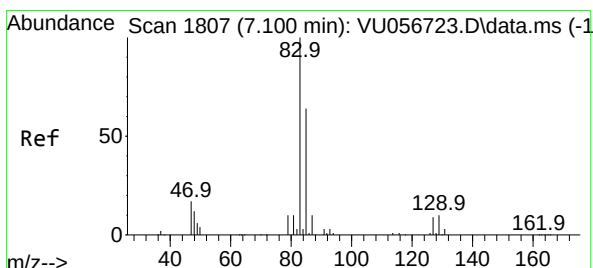
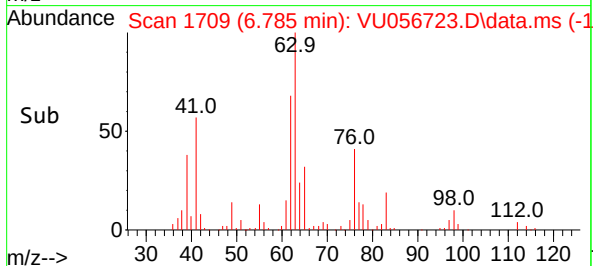
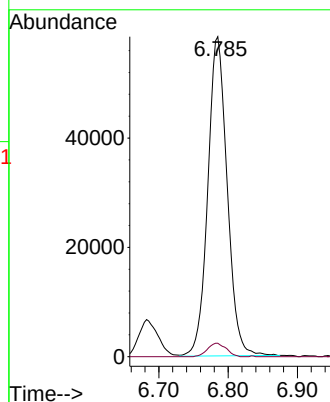
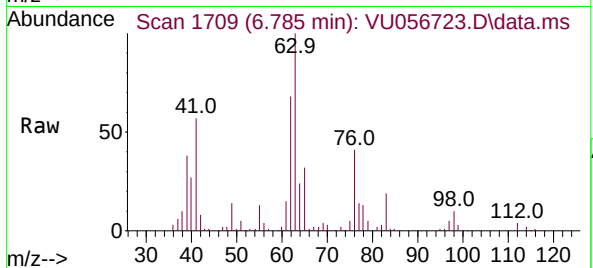




#37
1,2-Dichloropropane
Concen: 4.919 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

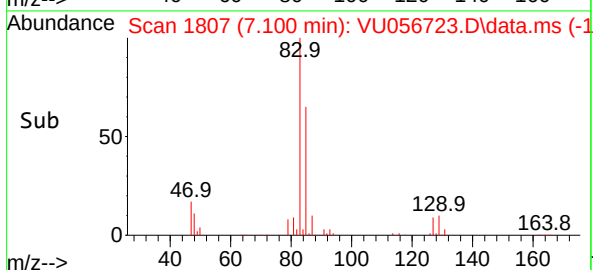
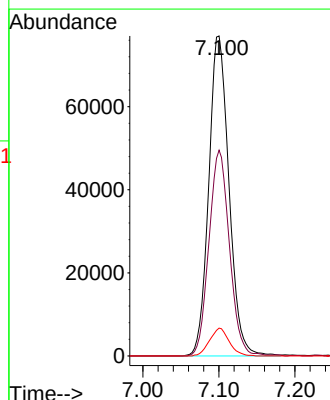
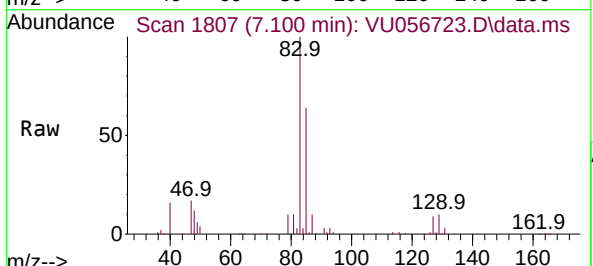
Instrument :
MSVOA_U
ClientSampleId :

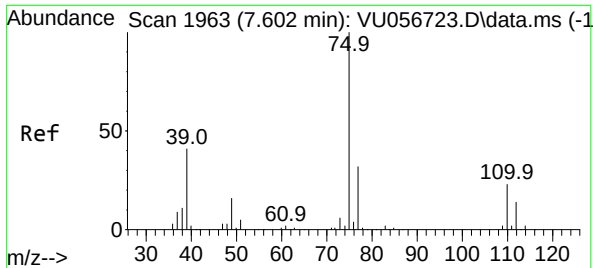
Tgt Ion: 63 Resp: 113279
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 4.853 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

Tgt Ion: 83 Resp: 142542
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.905 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

Instrument :

MSVOA_U

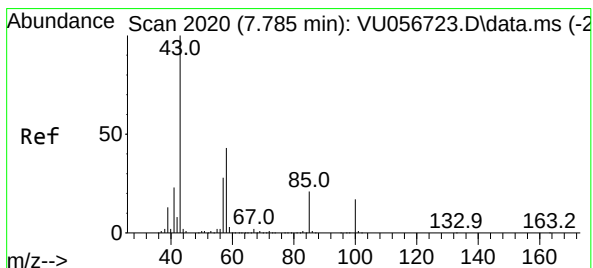
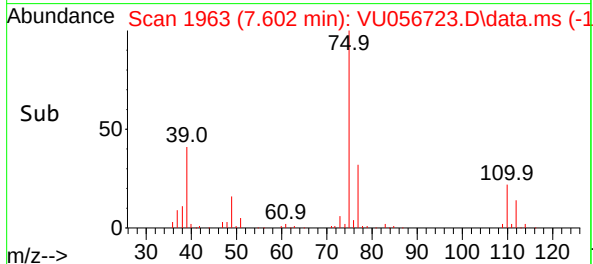
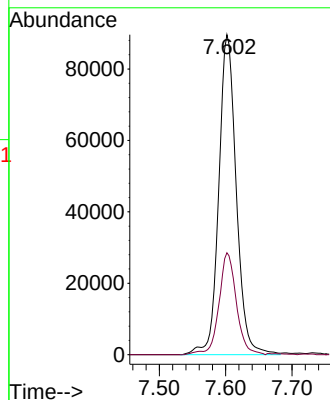
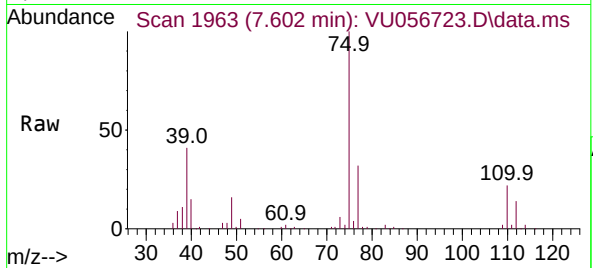
ClientSampleId :

Tgt Ion: 75 Resp: 164634

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 48.750 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

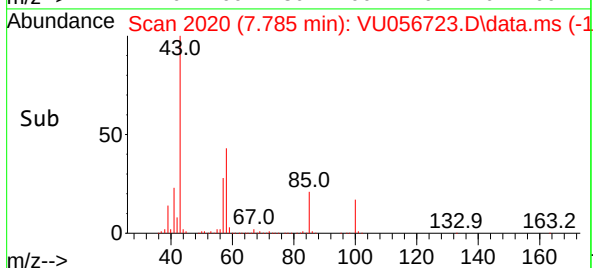
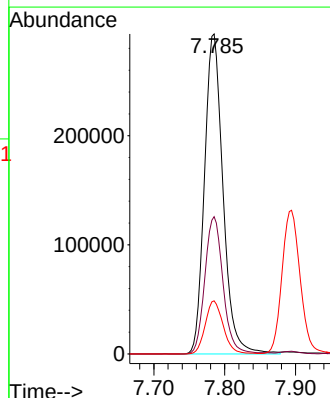
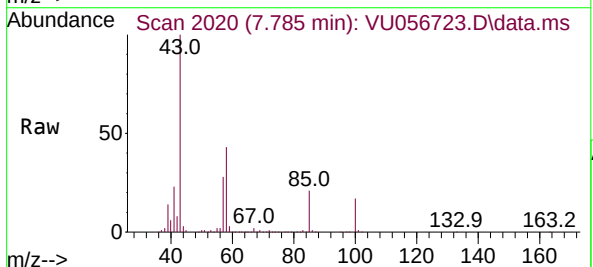
Tgt Ion: 43 Resp: 533115

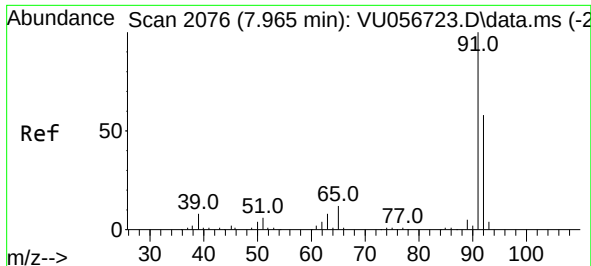
Ion Ratio Lower Upper

43 100

58 42.1 33.7 50.5

100 16.2 13.0 19.4





#42

Toluene

Concen: 4.963 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

Instrument :

MSVOA_U

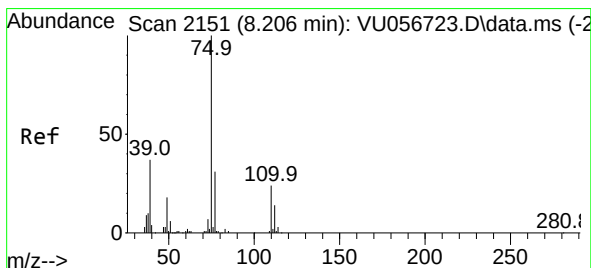
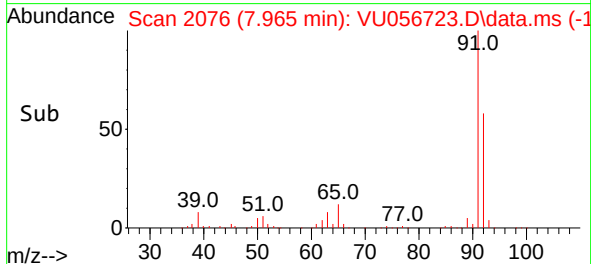
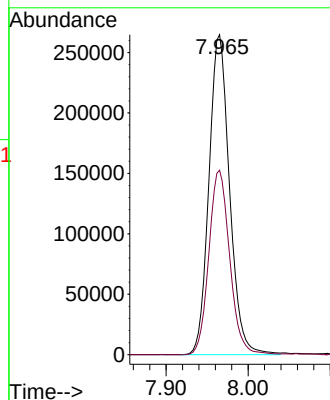
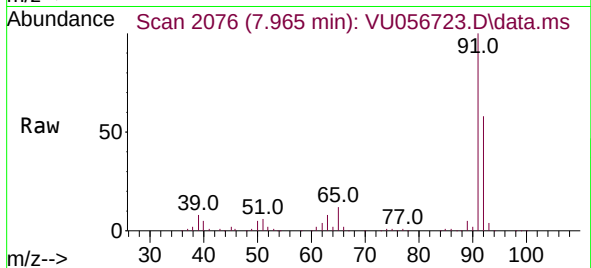
ClientSampleId :

Tgt Ion: 91 Resp: 462281

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.885 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056723.D

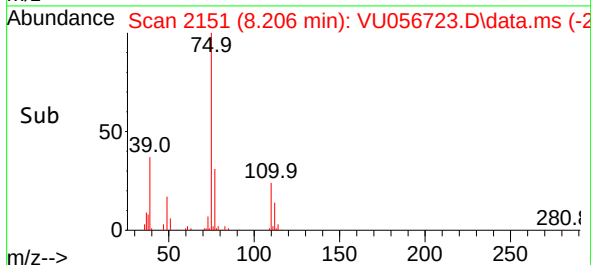
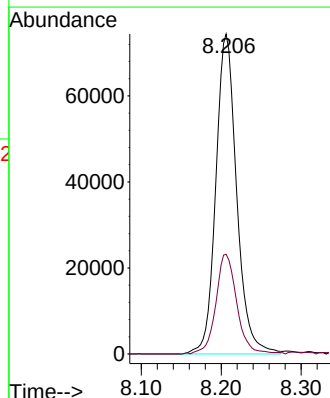
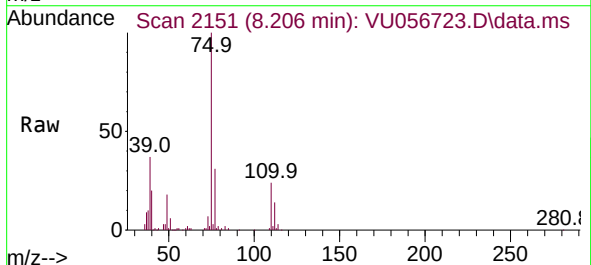
Acq: 11 Dec 2023 11:04

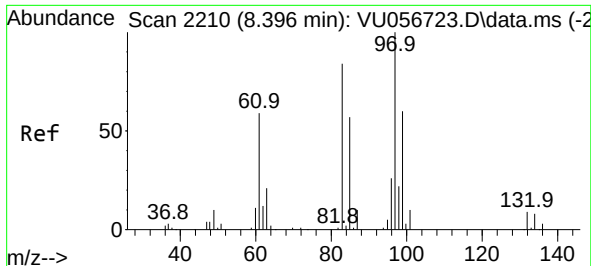
Tgt Ion: 75 Resp: 134374

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4

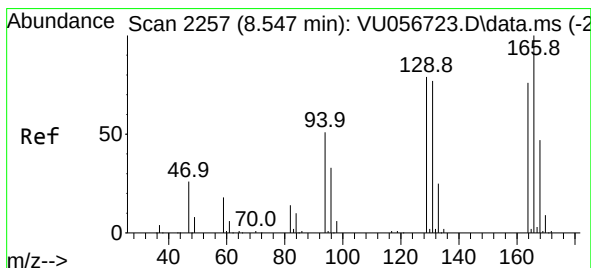
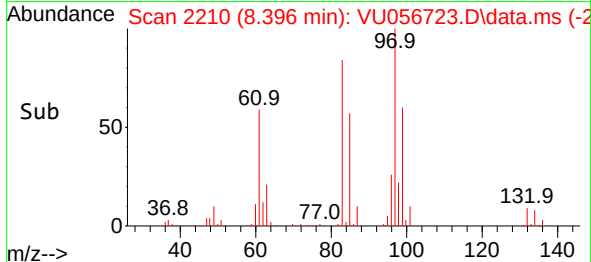
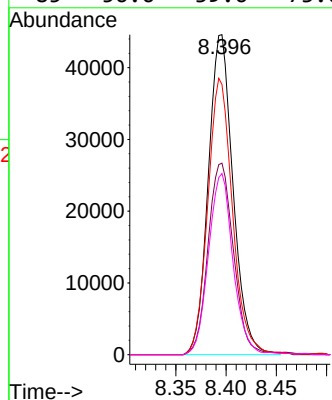
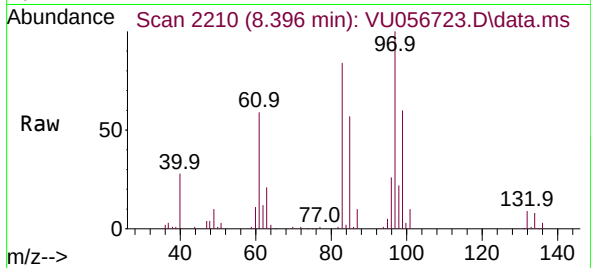




#45
1,1,2-Trichloroethane
Concen: 4.908 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

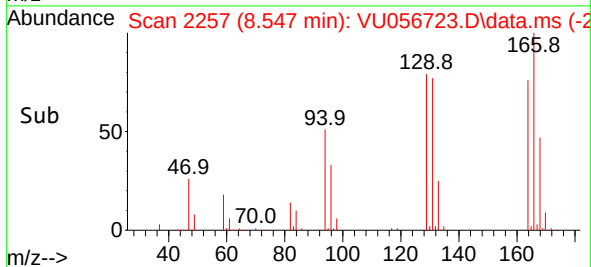
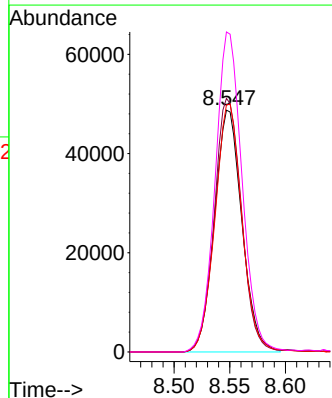
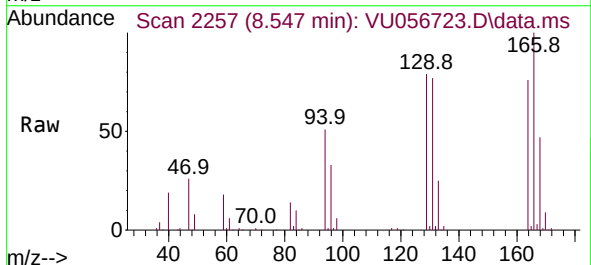
Instrument :
MSVOA_U
ClientSampleId :

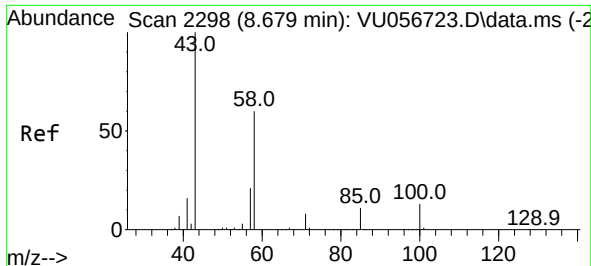
Tgt Ion: 97	Resp: 76420
Ion Ratio	Lower Upper
97 100	
99 59.9	41.9 77.9
83 84.4	59.1 109.7
85 56.6	39.6 73.6



#47
Tetrachloroethene
Concen: 4.840 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

Tgt	Ion:164	Resp:	83657
Ion	Ratio	Lower	Upper
164	100		
129	104.9	73.4	136.4
131	102.2	71.5	132.9
166	132.4	92.7	172.1

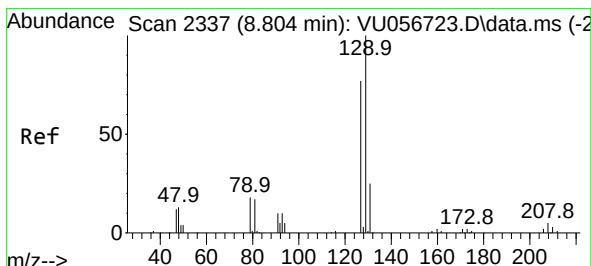
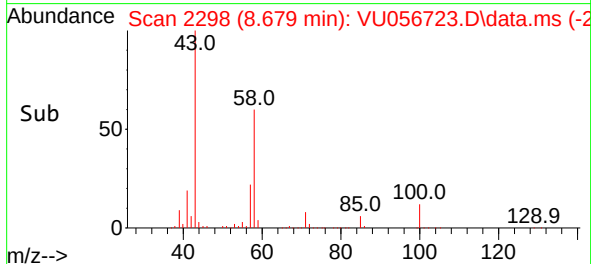
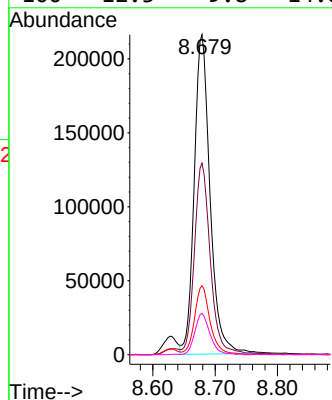
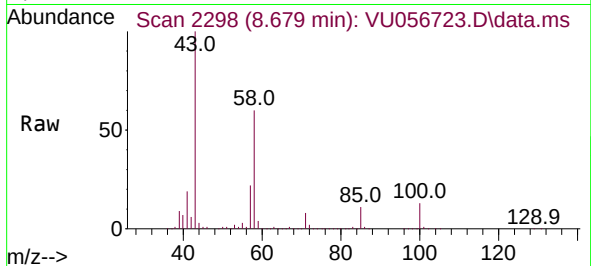




#48
2-Hexanone
Concen: 49.002 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

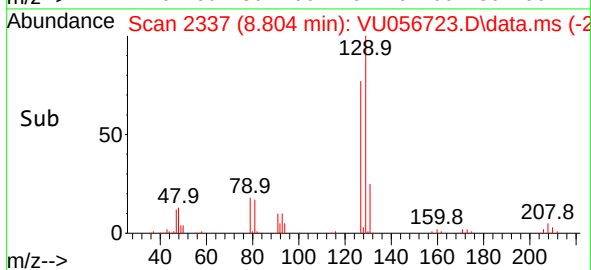
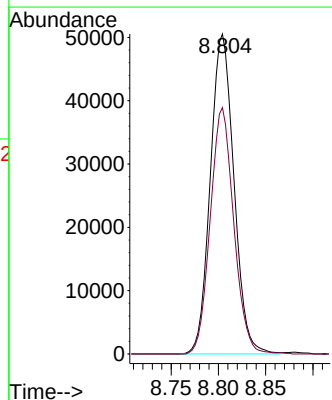
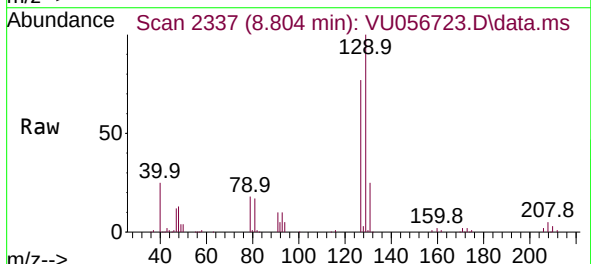
Instrument :
MSVOA_U
ClientSampleId :

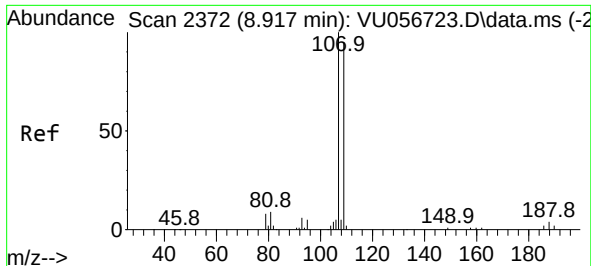
Tgt Ion: 43 Resp: 381654
Ion Ratio Lower Upper
43 100
58 59.4 47.5 71.3
57 21.2 17.0 25.4
100 12.3 9.8 14.8



#49
Dibromochloromethane
Concen: 4.898 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

Tgt Ion: 129 Resp: 87663
Ion Ratio Lower Upper
129 100
127 77.0 53.9 100.1





#50

1,2-Dibromoethane

Concen: 4.987 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

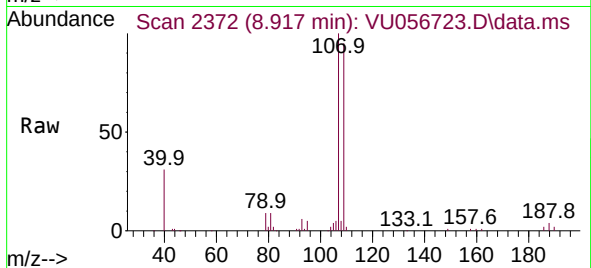
Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

Instrument :

MSVOA_U

ClientSampleId :



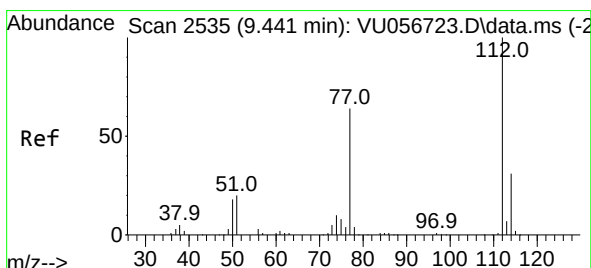
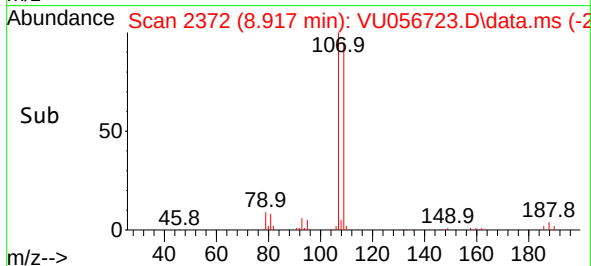
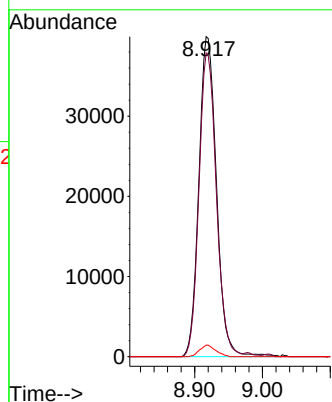
Tgt Ion:107 Resp: 72065

Ion Ratio Lower Upper

107 100

109 95.0 66.5 123.5

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 4.817 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

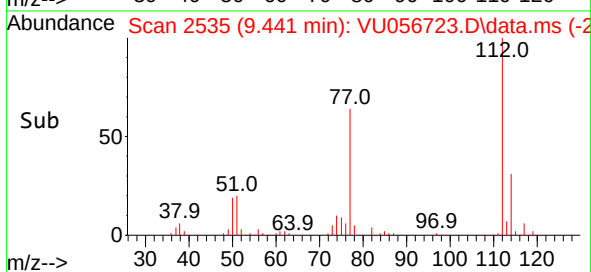
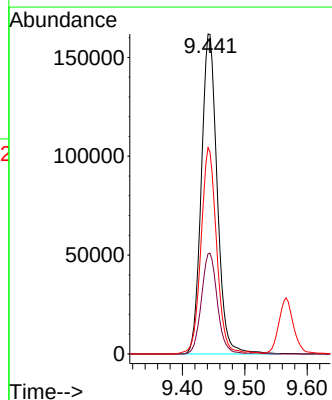
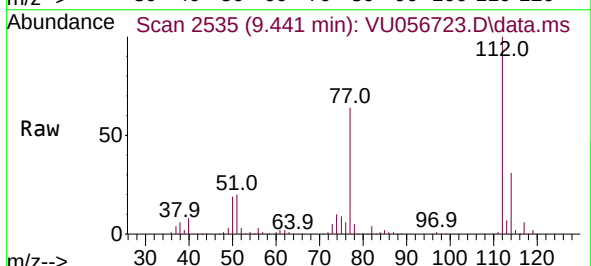
Tgt Ion:112 Resp: 285998

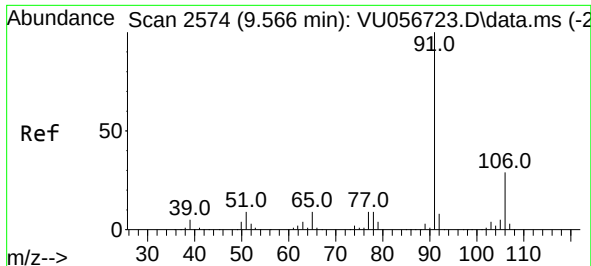
Ion Ratio Lower Upper

112 100

114 31.3 21.9 40.7

77 64.5 51.6 77.4

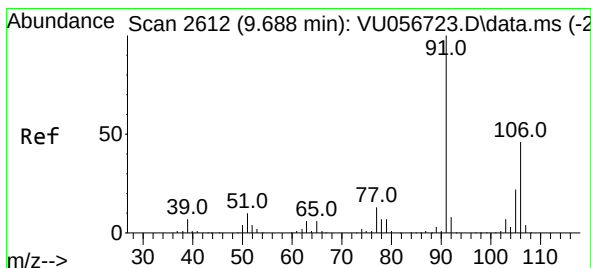
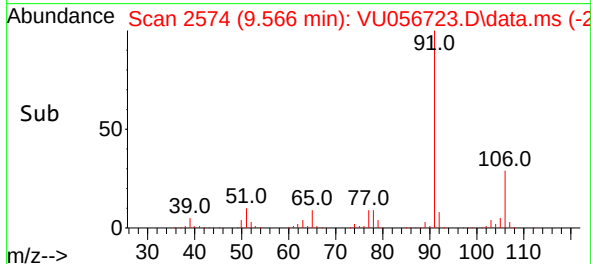
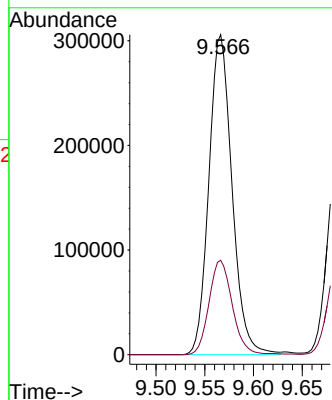
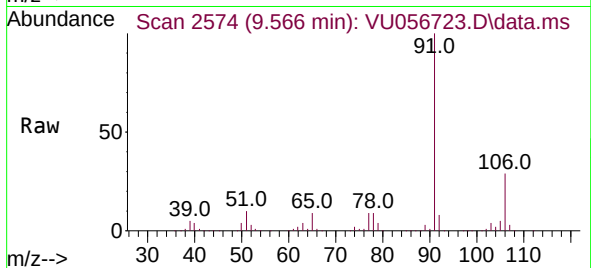




#52
Ethylbenzene
Concen: 4.919 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

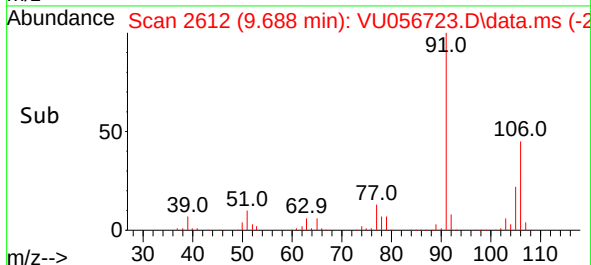
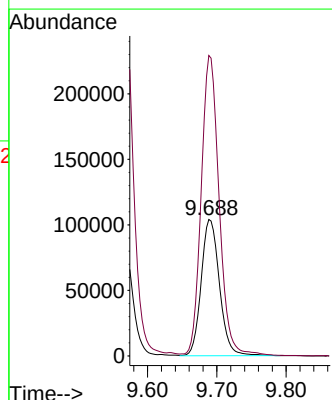
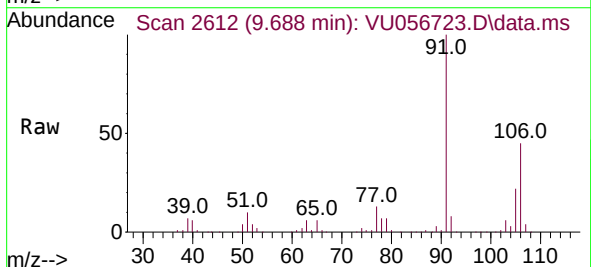
Instrument :
MSVOA_U
ClientSampleId :

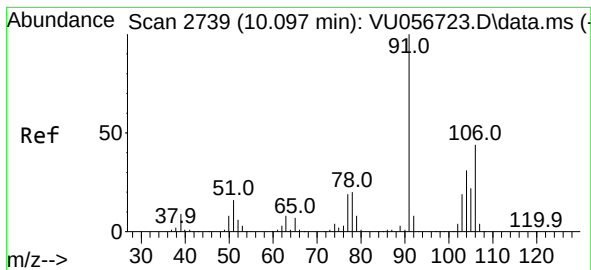
Tgt Ion: 91 Resp: 505441
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 4.978 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

Tgt Ion: 106 Resp: 190583
Ion Ratio Lower Upper
106 100
91 220.0 154.0 286.0





#54

o-Xylene

Concen: 4.970 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

Instrument :

MSVOA_U

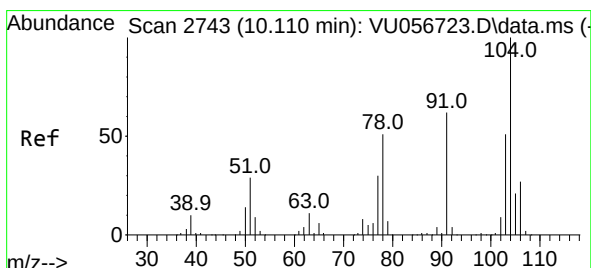
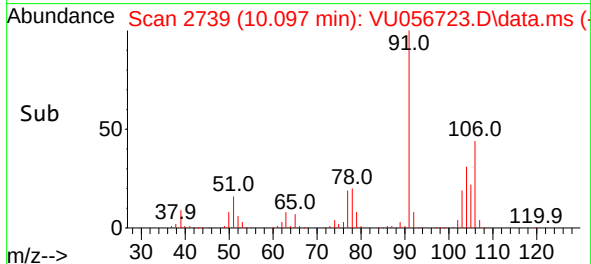
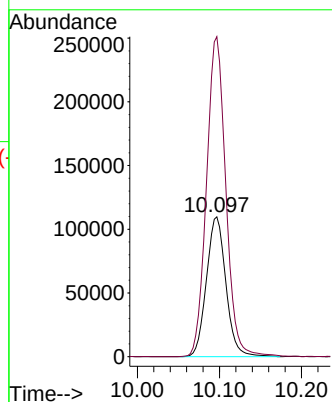
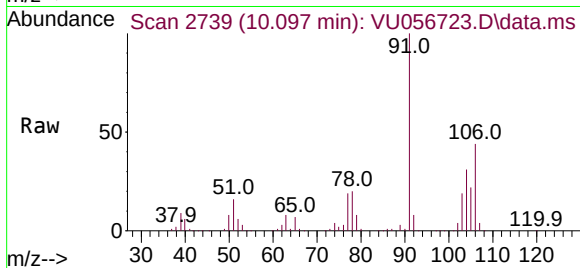
ClientSampleId :

Tgt Ion:106 Resp: 181290

Ion Ratio Lower Upper

106 100

91 228.9 160.2 297.6



#55

Styrene

Concen: 5.152 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU056723.D

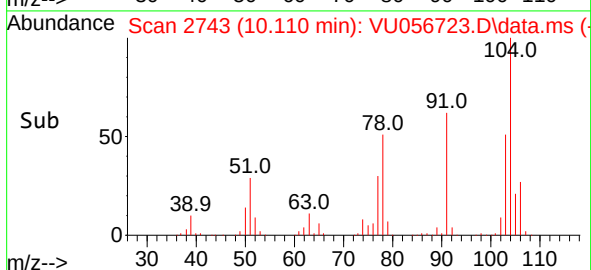
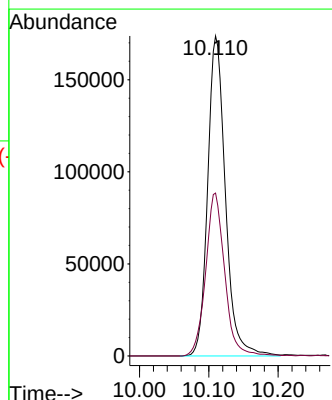
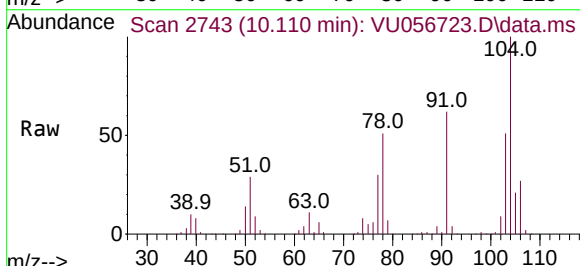
Acq: 11 Dec 2023 11:04

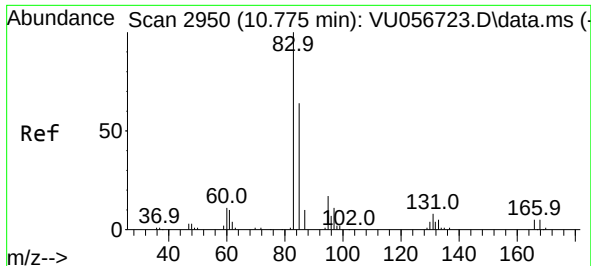
Tgt Ion:104 Resp: 308582

Ion Ratio Lower Upper

104 100

78 50.9 35.6 66.2

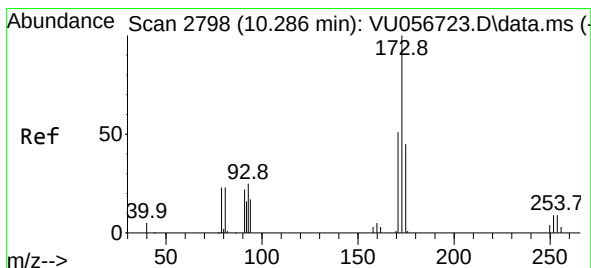
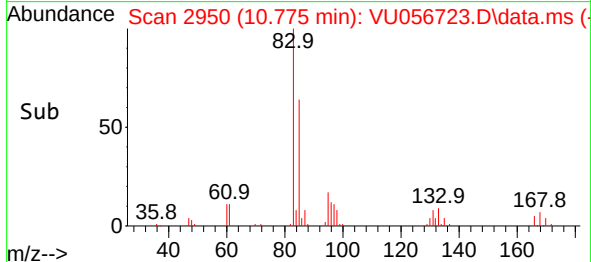
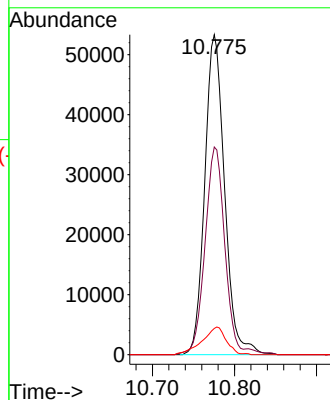
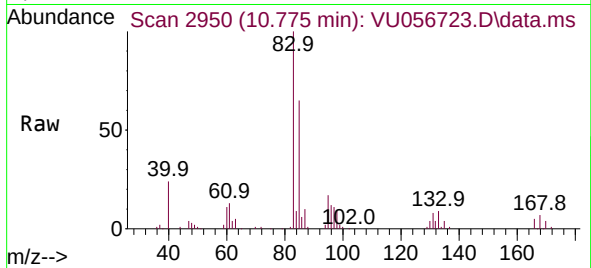




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.767 ug/L
 RT: 10.775 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

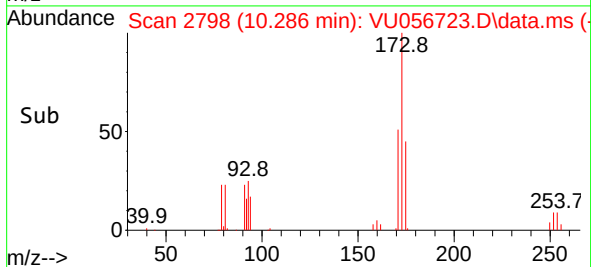
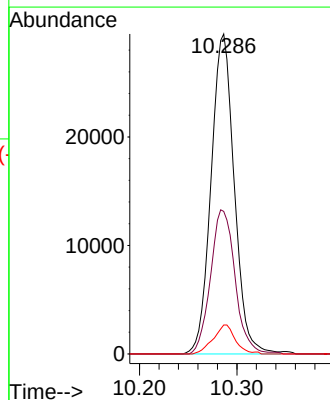
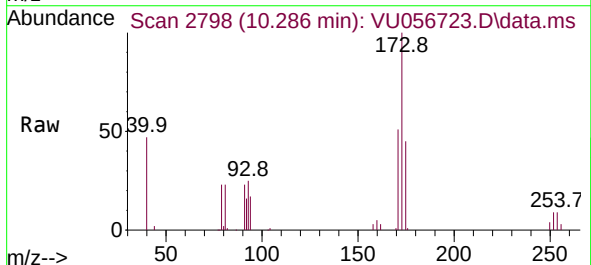
Instrument :
 MSVOA_U
 ClientSampleId :

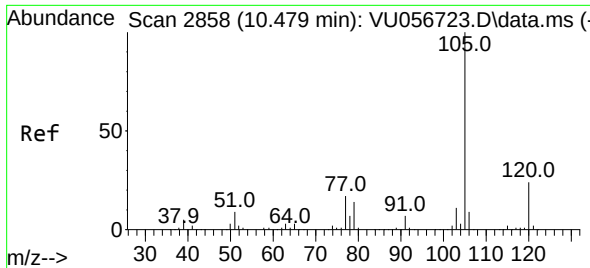
Tgt Ion: 83 Resp: 89666
 Ion Ratio Lower Upper
 83 100
 85 64.9 45.4 84.4
 131 8.2 6.6 9.8



#59
 Bromoform
 Concen: 4.741 ug/L
 RT: 10.286 min Scan# 2798
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

Tgt Ion:173 Resp: 48745
 Ion Ratio Lower Upper
 173 100
 175 47.7 38.2 57.2
 254 8.7 7.0 10.4

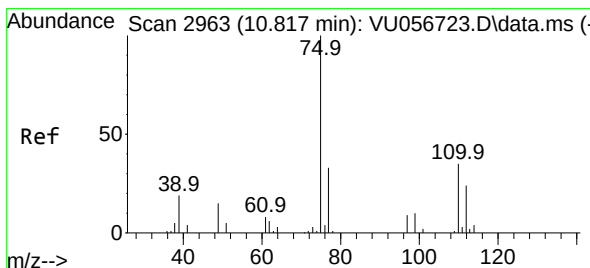
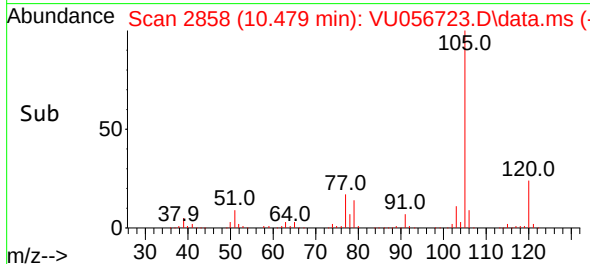
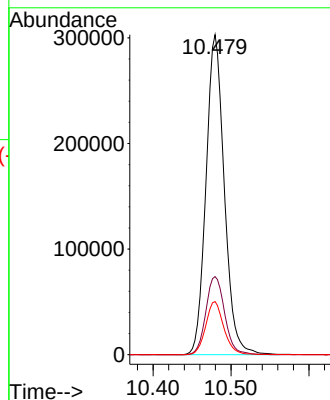
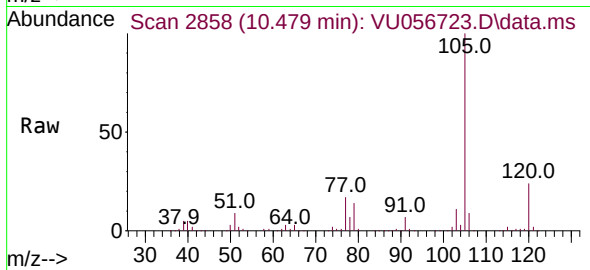




#60
Isopropylbenzene
Concen: 4.974 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

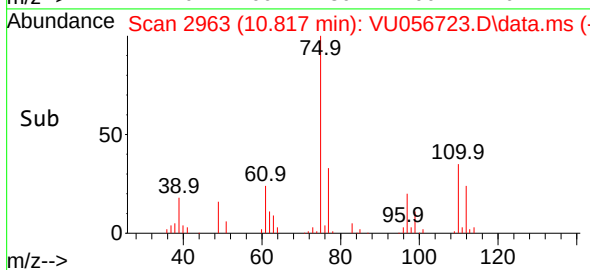
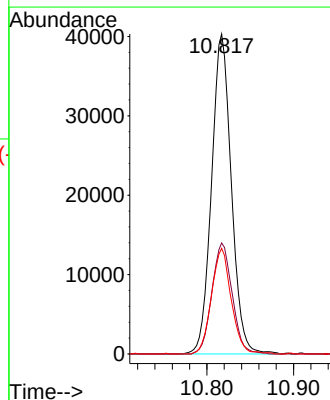
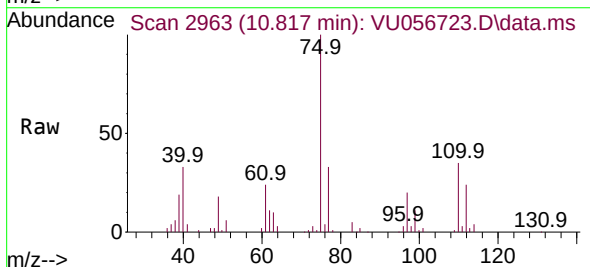
Instrument :
MSVOA_U
ClientSampleId :

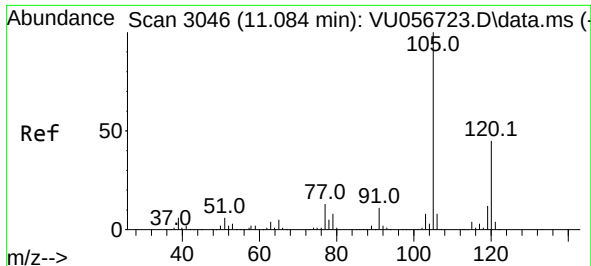
Tgt Ion:105 Resp: 494807
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.740 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

Tgt Ion: 75 Resp: 64087
Ion Ratio Lower Upper
75 100
110 35.5 28.4 42.6
77 32.9 26.3 39.5

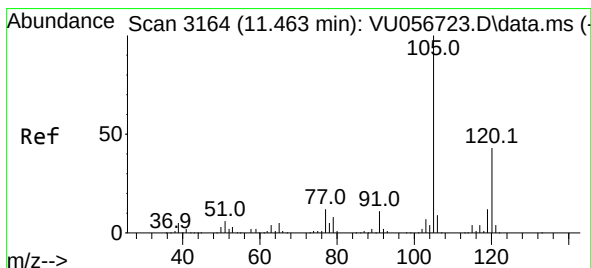
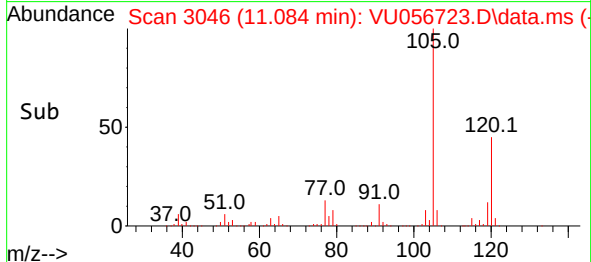
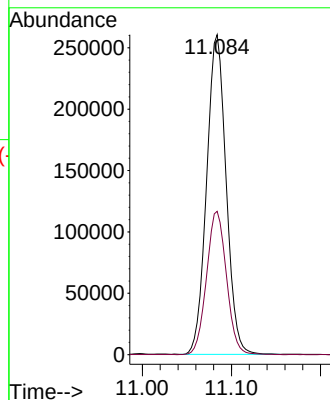
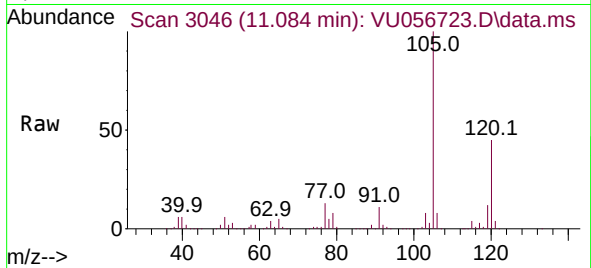




#62
 1,3,5-Trimethylbenzene
 Concen: 4.859 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

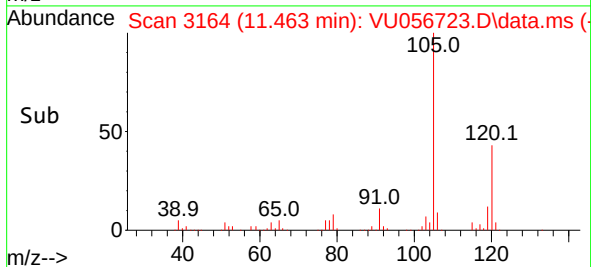
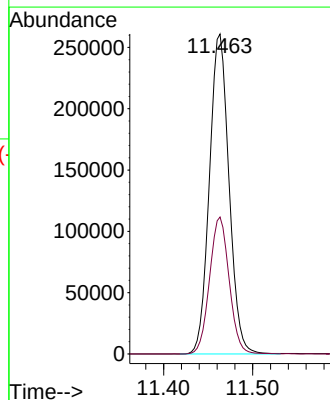
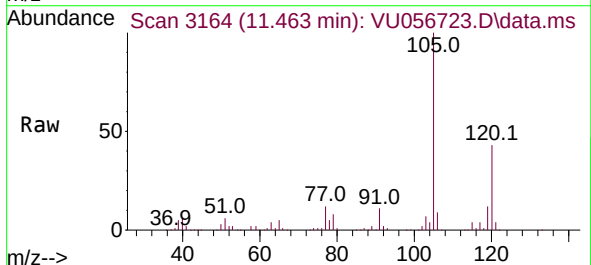
Instrument :
 MSVOA_U
 ClientSampleId :

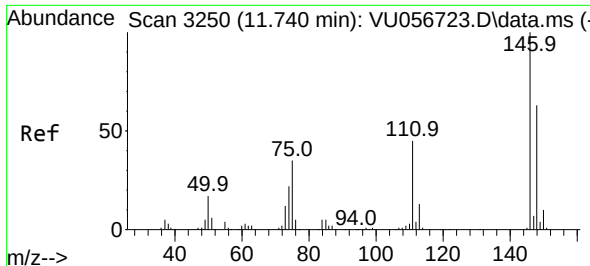
Tgt Ion:105 Resp: 395080
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.8 55.2



#63
 1,2,4-Trimethylbenzene
 Concen: 4.931 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

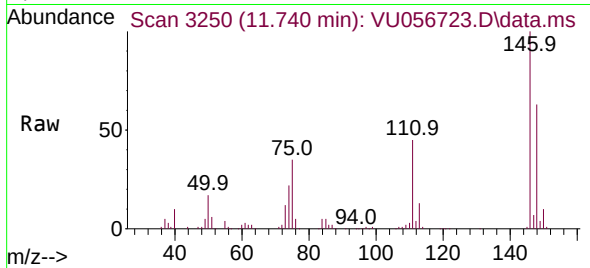
Tgt Ion:105 Resp: 398171
 Ion Ratio Lower Upper
 105 100
 120 42.8 34.2 51.4



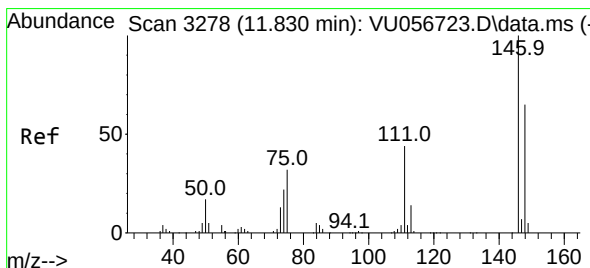
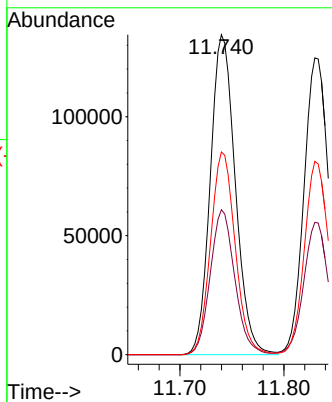
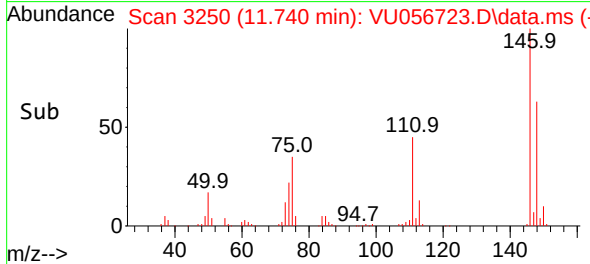


#64
1,3-Dichlorobenzene
Concen: 4.783 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04

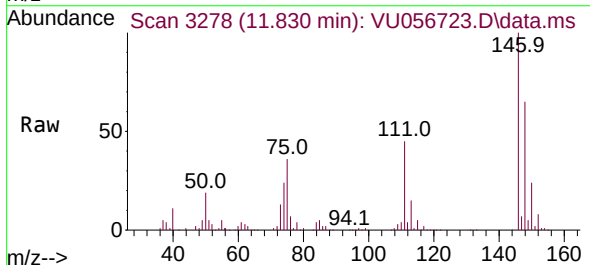
Instrument :
MSVOA_U
ClientSampleId :



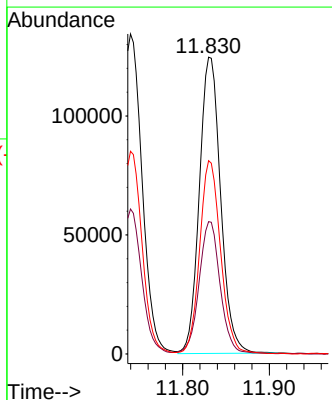
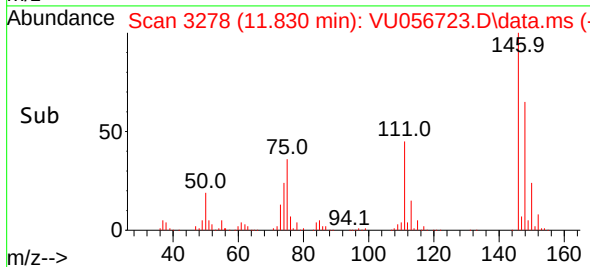
Tgt Ion:146 Resp: 225095
Ion Ratio Lower Upper
146 100
111 45.3 31.7 58.9
148 63.3 44.3 82.3

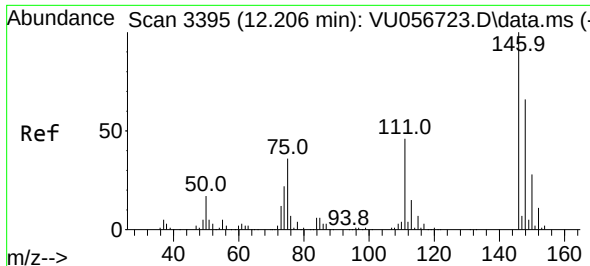


#65
1,4-Dichlorobenzene
Concen: 4.586 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU056723.D
Acq: 11 Dec 2023 11:04



Tgt Ion:146 Resp: 212507
Ion Ratio Lower Upper
146 100
111 44.6 31.2 58.0
148 65.2 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 4.605 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

Instrument :

MSVOA_U

ClientSampleId :

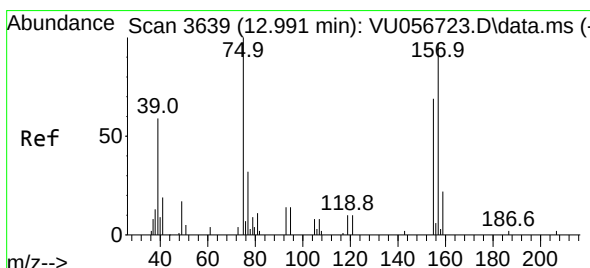
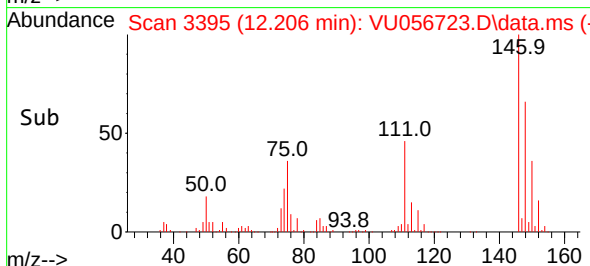
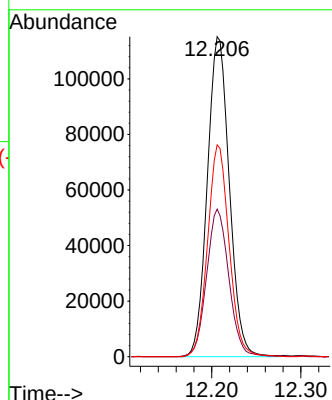
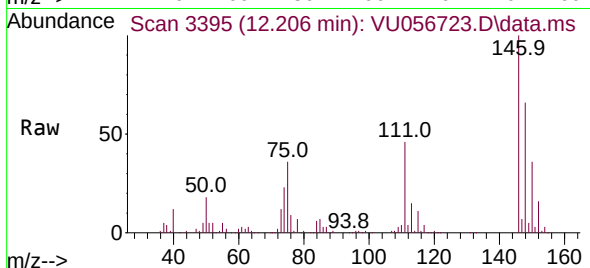
Tgt Ion:146 Resp: 197400

Ion Ratio Lower Upper

146 100

111 46.1 36.9 55.3

148 66.2 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.654 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

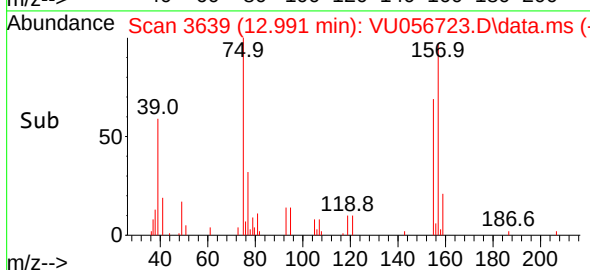
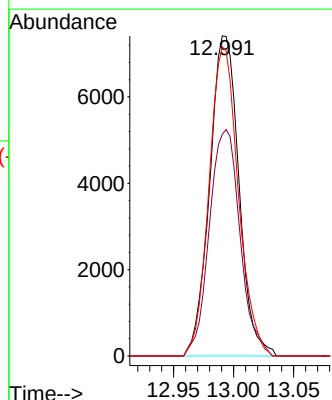
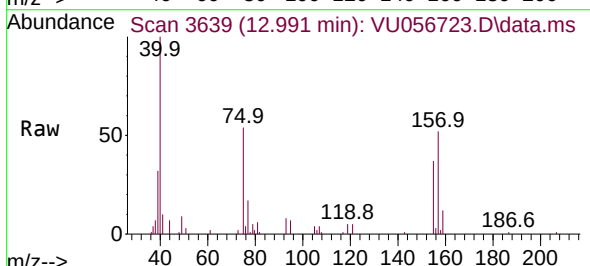
Tgt Ion: 75 Resp: 12561

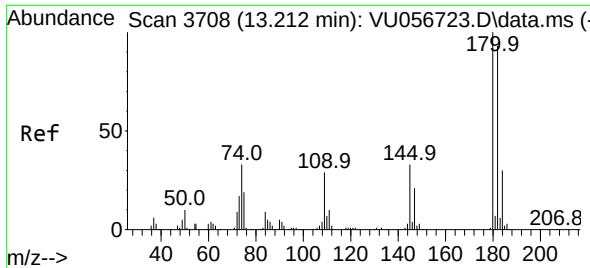
Ion Ratio Lower Upper

75 100

155 69.3 55.4 83.2

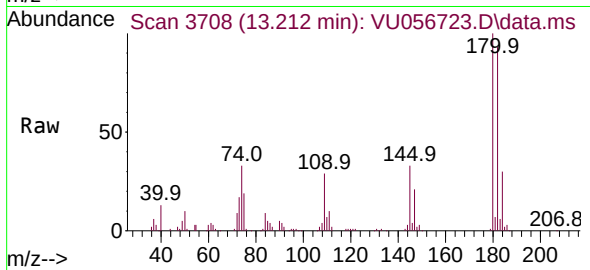
157 96.6 77.3 115.9



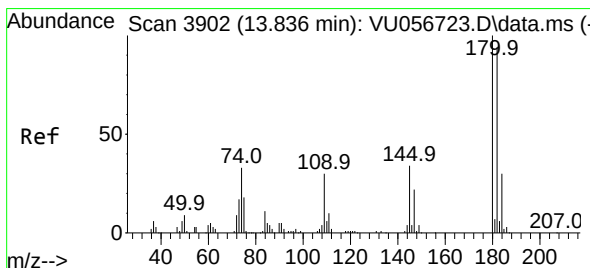
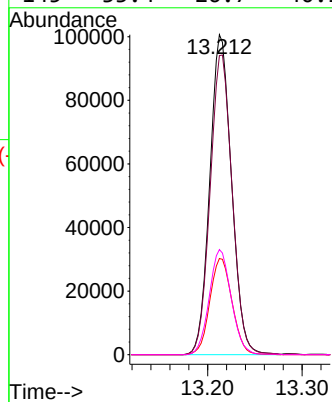
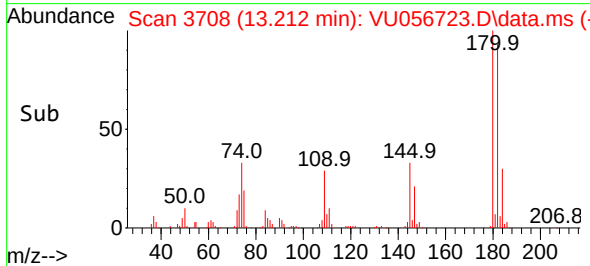


#69
 1,3,5-Trichlorobenzene
 Concen: 4.506 ug/L
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04

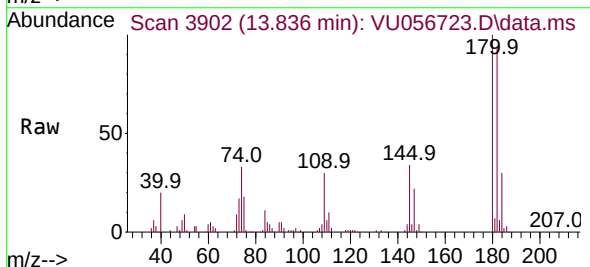
Instrument :
 MSVOA_U
 ClientSampleId :



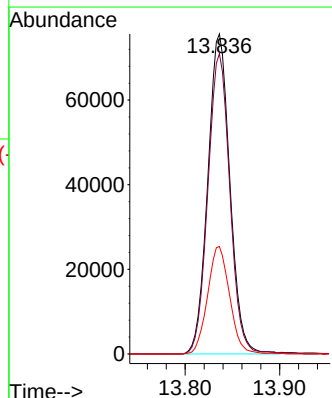
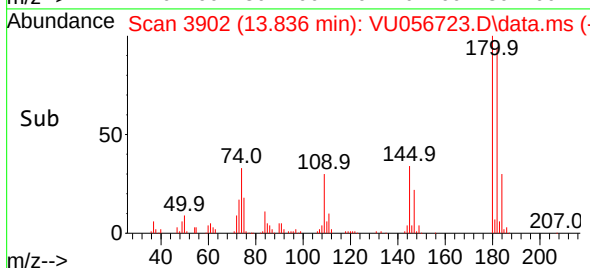
Tgt Ion:180 Resp: 160236
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.4
 184 30.8 24.6 37.0
 145 33.4 26.7 40.1

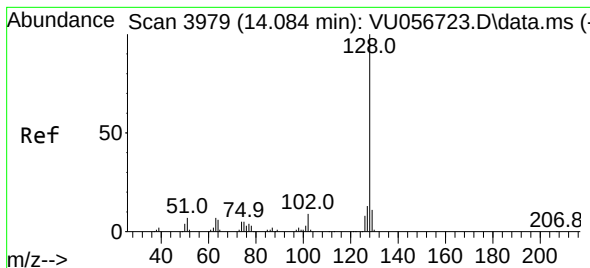


#70
 1,2,4-trichlorobenzene
 Concen: 4.369 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU056723.D
 Acq: 11 Dec 2023 11:04



Tgt Ion:180 Resp: 123020
 Ion Ratio Lower Upper
 180 100
 182 92.9 74.3 111.5
 145 33.4 26.7 40.1





#71

Naphthalene

Concen: 4.002 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

Instrument :

MSVOA_U

ClientSampleId :

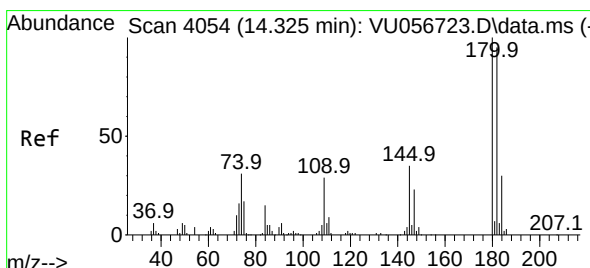
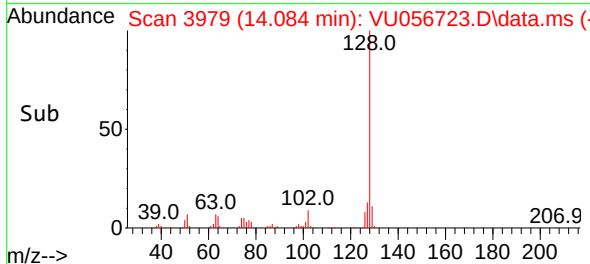
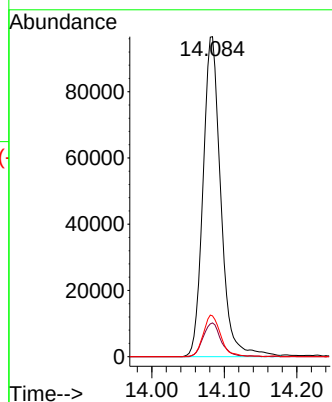
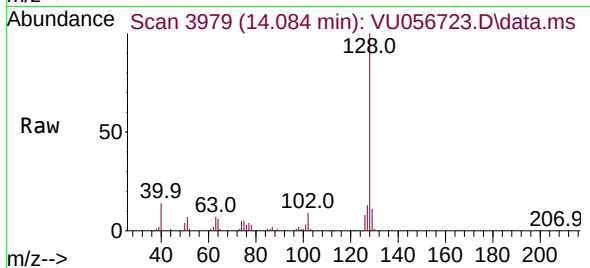
Tgt Ion:128 Resp: 164901

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.7 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.224 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU056723.D

Acq: 11 Dec 2023 11:04

Tgt Ion:180 Resp: 100970

Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

145 35.7 28.6 42.8

