

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056300.D
 Acq On : 14 Nov 2023 12:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:40:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	321115	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	305991	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	157783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	97751	4.070	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.907	69	79474	4.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.563	65	48572	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.618	46	213412	44.560	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.120%
24) Chloroform-d	5.058	84	202858	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	97457	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.721	84	401245	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.685	67	121394	4.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.894	98	360095	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.177	79	48395	4.592	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.627	63	199999	48.295	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	91451	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	121442	4.166	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	123637	4.859	ug/L	98
3) Chloromethane	1.518	50	116195	4.469	ug/L	98
5) Vinyl chloride	1.602	62	115609	4.615	ug/L	100
6) Bromomethane	1.853	94	58369	4.603	ug/L	99
8) Chloroethane	1.930	64	72872	4.762	ug/L	95
9) Trichlorofluoromethane	2.136	101	182145	5.046	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	109950	5.130	ug/L	99
12) 1,1-Dichloroethene	2.576	96	101382	5.158	ug/L	96
13) Acetone	2.628	43	190943	46.811	ug/L	99
14) Carbon disulfide	2.788	76	320170	5.005	ug/L	97
15) Methyl Acetate	2.949	43	36134	4.978	ug/L	98
16) Methylene chloride	3.042	84	111122	4.272	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	244761	5.125	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	106877	5.284	ug/L	96
19) 1,1-Dichloroethane	3.862	63	196215	4.898	ug/L	98
21) 2-Butanone	4.698	43	247842	46.825	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	110741	4.828	ug/L	99
23) Bromochloromethane	4.968	128	46847	4.962	ug/L	95
25) Chloroform	5.081	83	204152	4.703	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056300.D
 Acq On : 14 Nov 2023 12:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:40:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

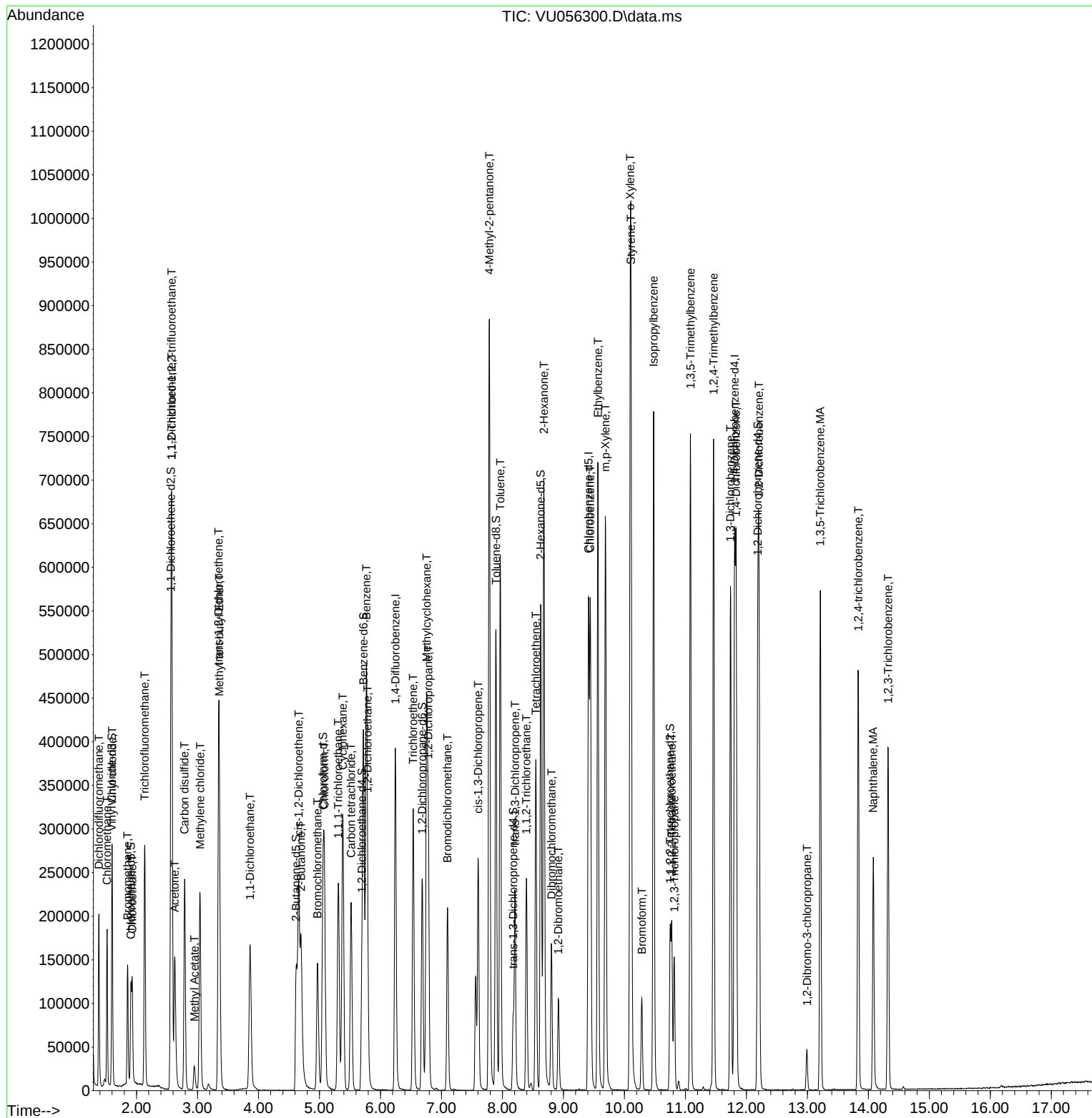
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	120550	4.892	ug/L #	95
29) 1,1,1-Trichloroethane	5.309	97	179402	5.108	ug/L	99
30) Cyclohexane	5.383	56	163220	4.896	ug/L	99
31) Carbon tetrachloride	5.518	117	152054	5.040	ug/L	97
33) Benzene	5.769	78	432983	4.959	ug/L	100
34) Trichloroethene	6.537	95	116449	4.895	ug/L	97
35) Methylcyclohexane	6.756	83	173380	5.048	ug/L	100
37) 1,2-Dichloropropane	6.785	63	112023	4.920	ug/L	99
38) Bromodichloromethane	7.100	83	140720	4.787	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	167285	5.000	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	563930	49.965	ug/L	99
42) Toluene	7.965	91	461785	5.109	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	135452	5.079	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	77057	5.082	ug/L	97
47) Tetrachloroethene	8.547	164	81534	5.083	ug/L	96
48) 2-Hexanone	8.679	43	435542	49.534	ug/L	99
49) Dibromochloromethane	8.804	129	85138	4.937	ug/L	100
50) 1,2-Dibromoethane	8.917	107	68248	4.767	ug/L	93
51) Chlorobenzene	9.441	112	292237	5.031	ug/L	99
52) Ethylbenzene	9.566	91	517721	5.158	ug/L	99
53) m,p-Xylene	9.688	106	192272	5.211	ug/L	100
54) o-Xylene	10.097	106	188909	5.270	ug/L	96
55) Styrene	10.110	104	318947	5.349	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	92148	4.977	ug/L	99
59) Bromoform	10.286	173	47095	4.792	ug/L	98
60) Isopropylbenzene	10.479	105	511092	5.023	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	64851	4.790	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	417981	5.003	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	423269	5.132	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	233083	5.036	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	228997	4.932	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	209192	4.926	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	12670	4.382	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	172570	4.952	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	144601	5.094	ug/L	99
71) Naphthalene	14.081	128	216194	5.041	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	117803	5.038	ug/L	99

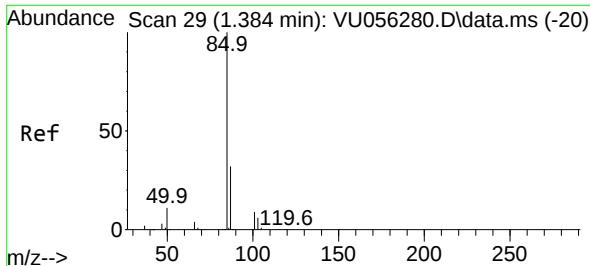
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056300.D
 Acq On : 14 Nov 2023 12:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:40:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
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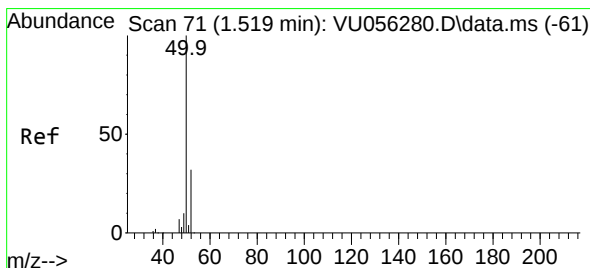
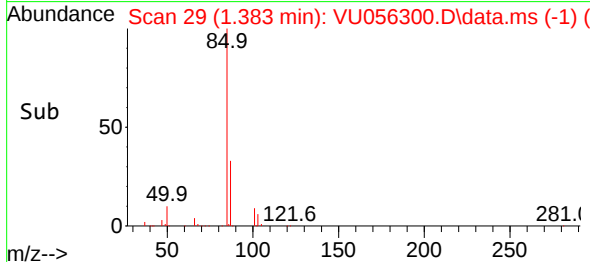
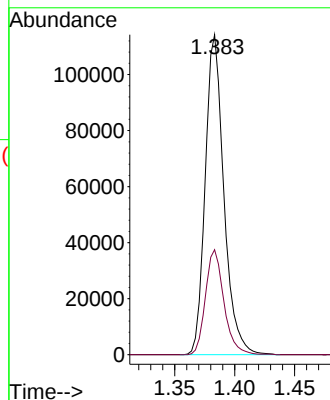
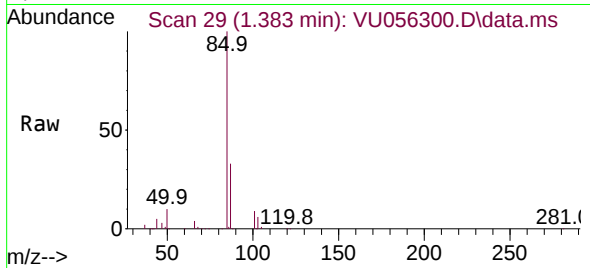




#2
Dichlorodifluoromethane
Concen: 4.859 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

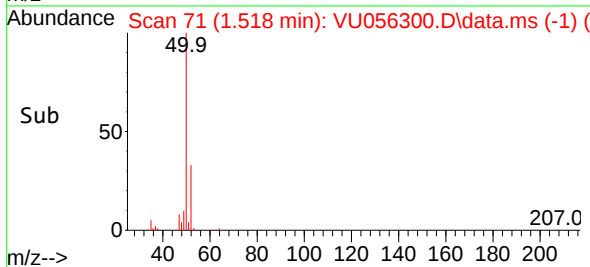
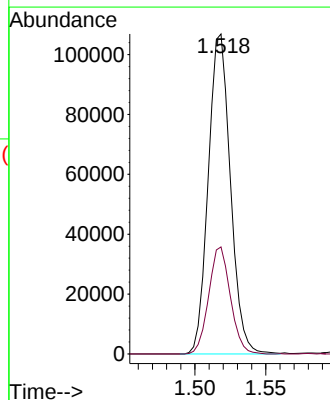
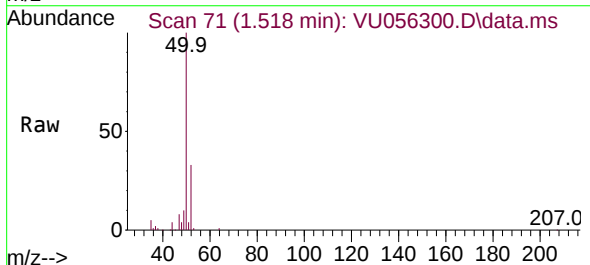
Instrument :
MSVOA_U
ClientSampleId :

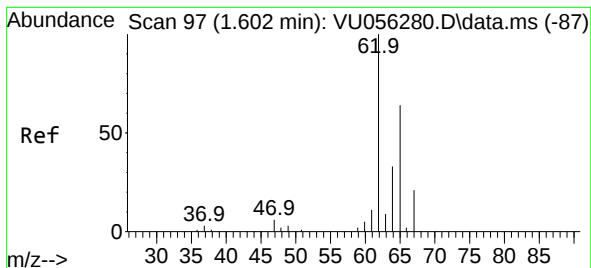
Tgt Ion: 85 Resp: 123637
Ion Ratio Lower Upper
85 100
87 32.5 25.0 37.4



#3
Chloromethane
Concen: 4.469 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Tgt Ion: 50 Resp: 116195
Ion Ratio Lower Upper
50 100
52 33.5 24.3 45.1





#5

Vinyl chloride

Concen: 4.615 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

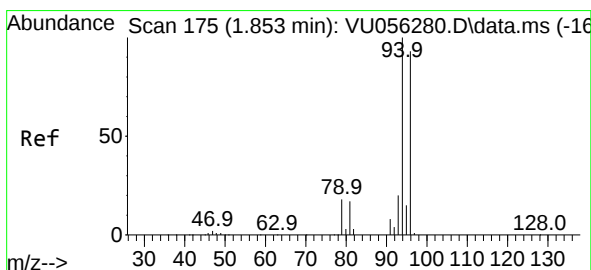
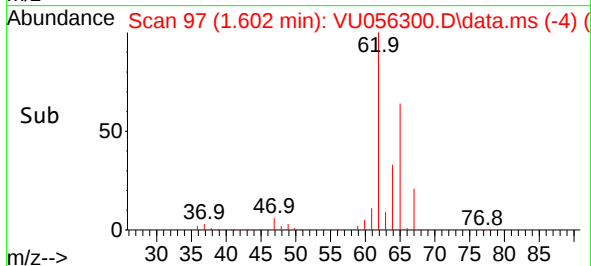
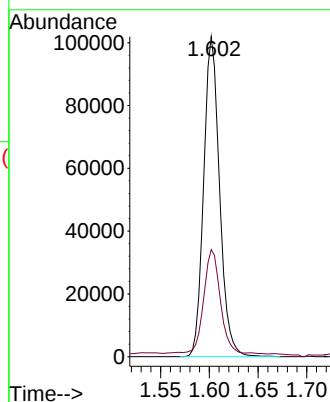
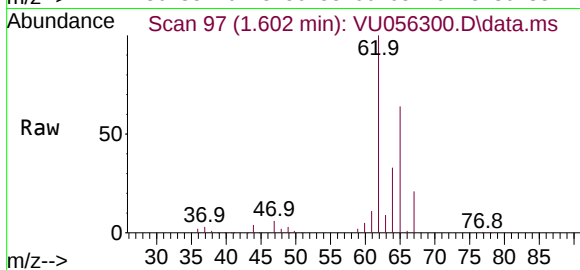
ClientSampleId :

Tgt Ion: 62 Resp: 115609

Ion Ratio Lower Upper

62 100

64 33.5 23.3 43.3



#6

Bromomethane

Concen: 4.603 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU056300.D

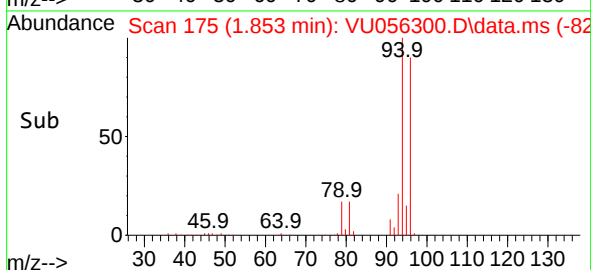
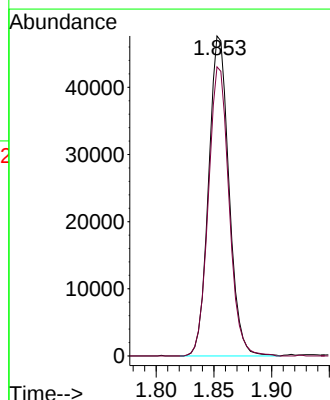
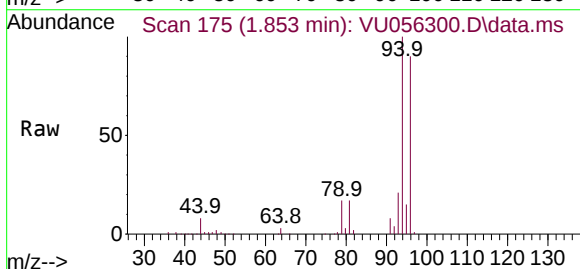
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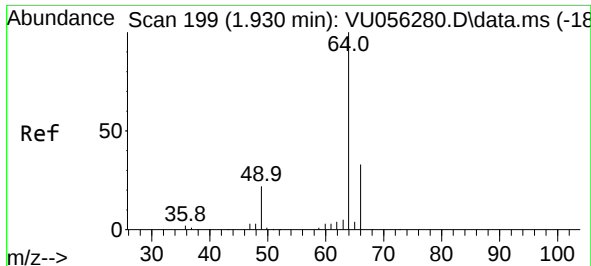
Tgt Ion: 94 Resp: 58369

Ion Ratio Lower Upper

94 100

96 90.3 62.6 116.2

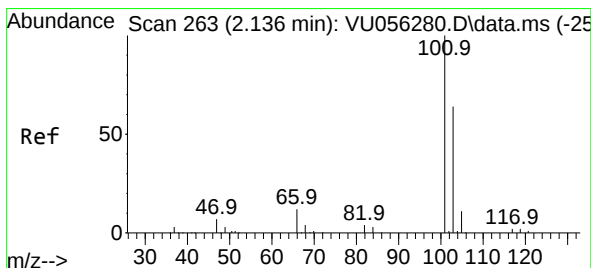
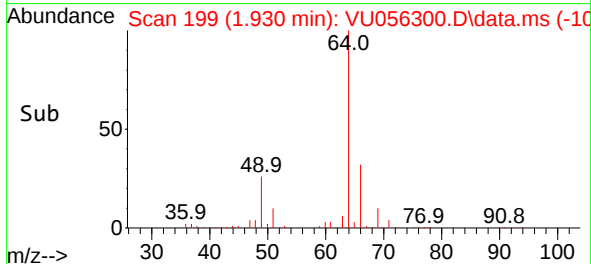
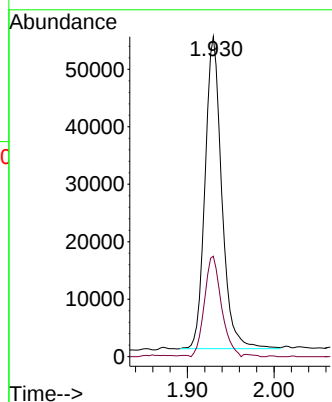
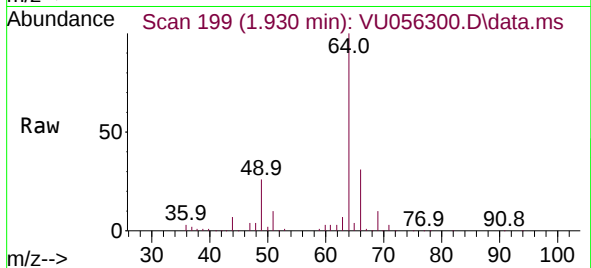




#8
Chloroethane
Concen: 4.762 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

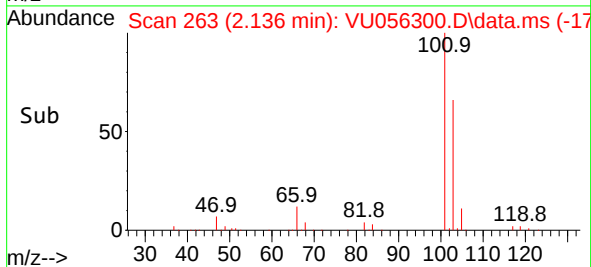
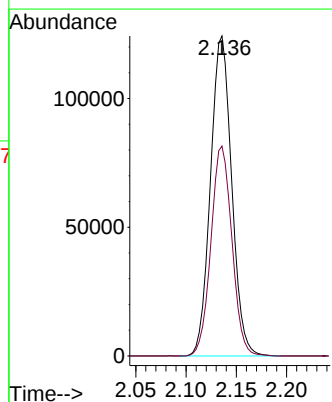
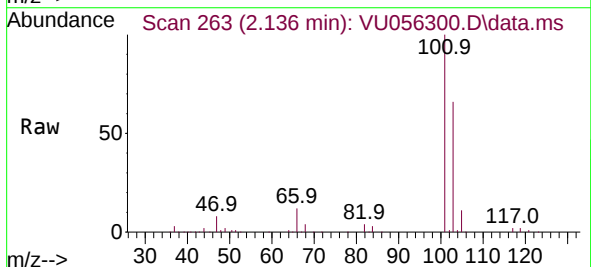
Instrument :
MSVOA_U
ClientSampleId :

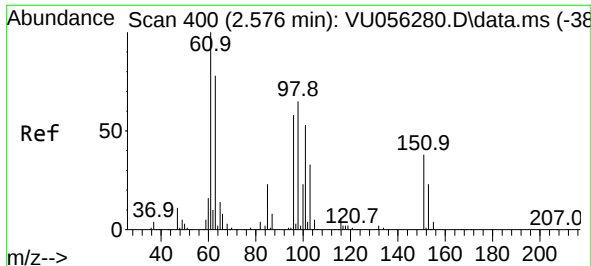
Tgt Ion: 64 Resp: 72872
Ion Ratio Lower Upper
64 100
66 31.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.046 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Tgt Ion:101 Resp: 182145
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

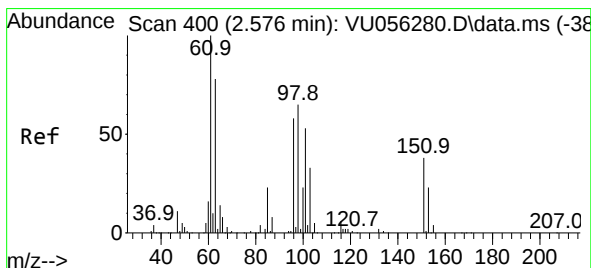
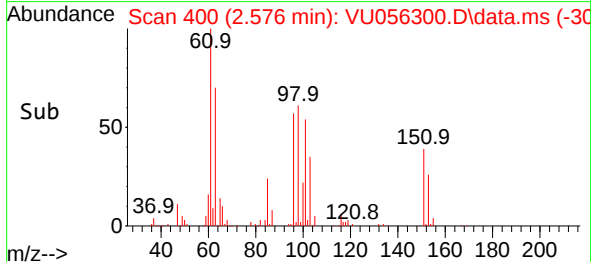
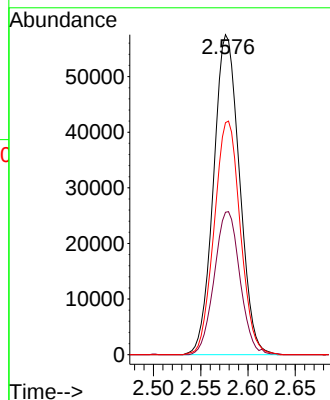
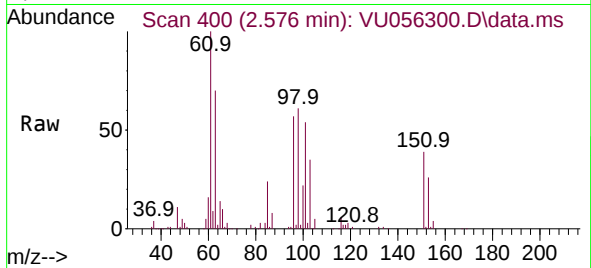




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.130 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056300.D
 Acq: 14 Nov 2023 12:08

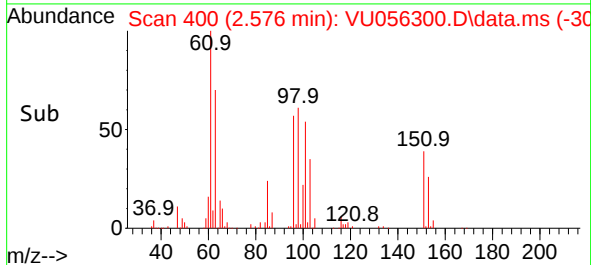
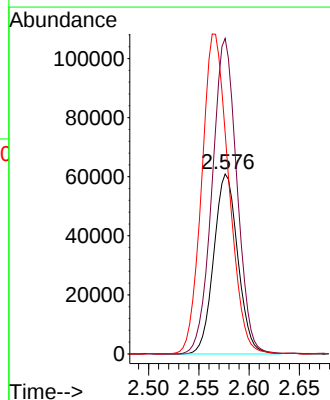
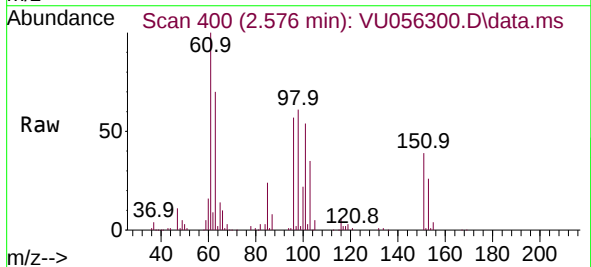
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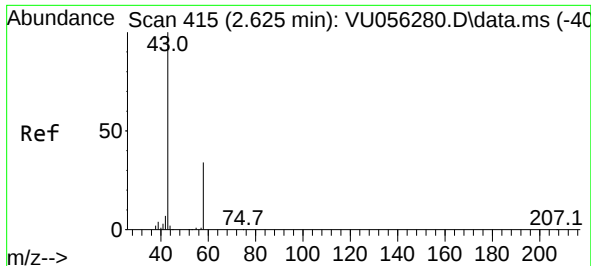
Tgt Ion:101 Resp: 109950
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.4 53.0
 151 73.4 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.158 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056300.D
 Acq: 14 Nov 2023 12:08

Tgt Ion: 96 Resp: 101382
 Ion Ratio Lower Upper
 96 100
 61 175.2 123.1 228.7
 63 122.8 93.3 173.3





#13

Acetone

Concen: 46.811 ug/L

RT: 2.628 min Scan# 415

Delta R.T. 0.003 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

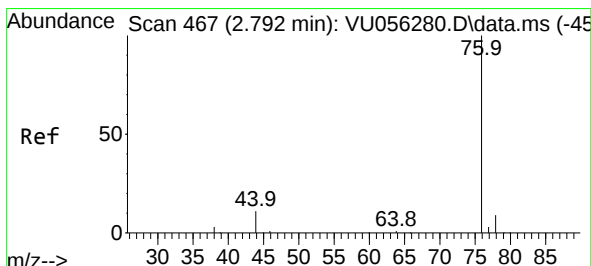
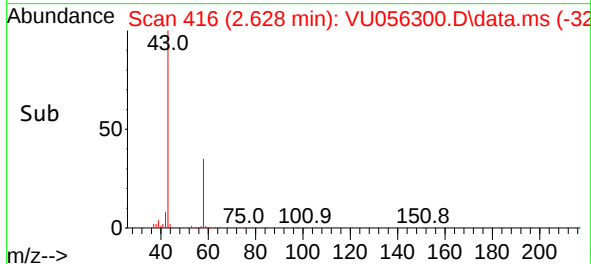
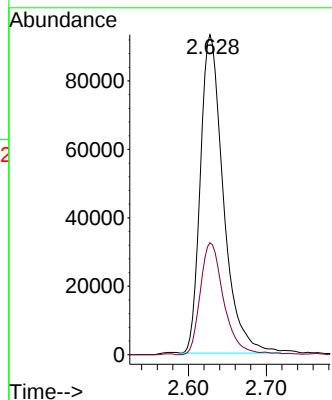
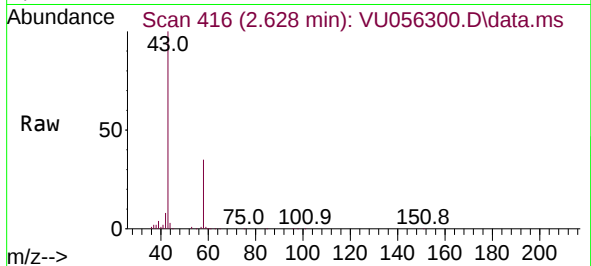
ClientSampleId :

Tgt Ion: 43 Resp: 190943

Ion Ratio Lower Upper

43 100

58 35.4 0.0 70.0



#14

Carbon disulfide

Concen: 5.005 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU056300.D

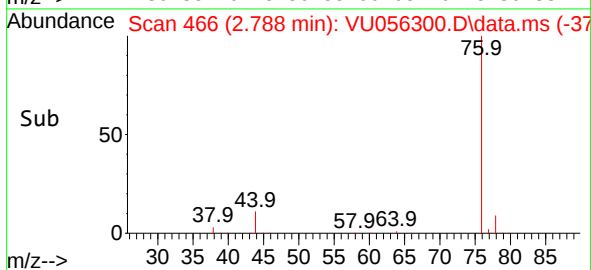
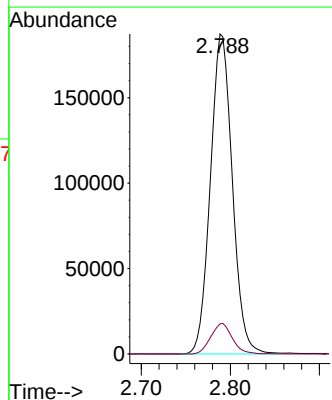
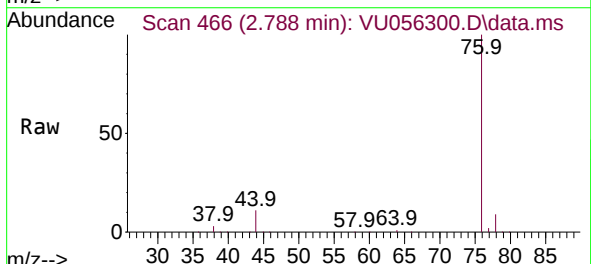
Acq: 14 Nov 2023 12:08

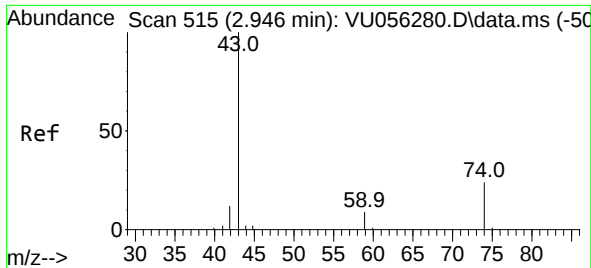
Tgt Ion: 76 Resp: 320170

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2

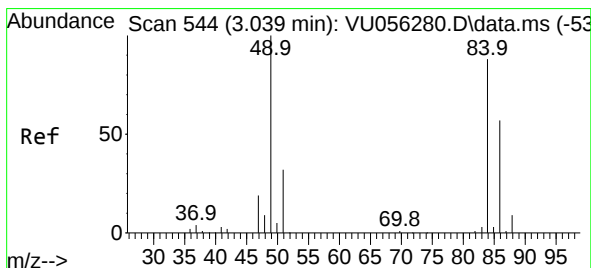
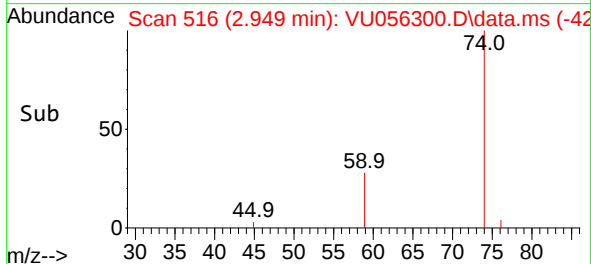
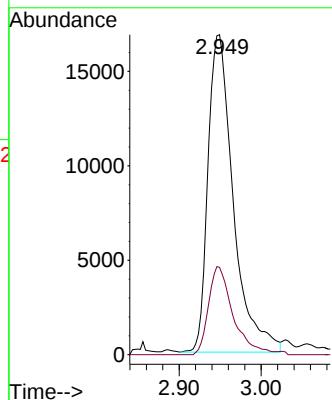
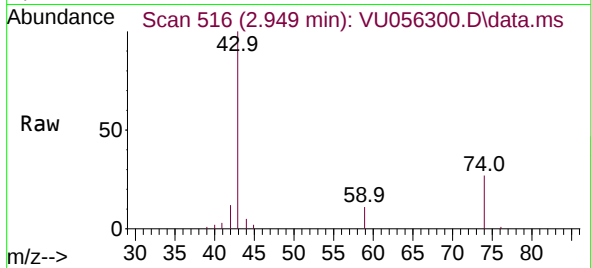




#15
Methyl Acetate
Concen: 4.978 ug/L
RT: 2.949 min Scan# 515
Delta R.T. 0.003 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

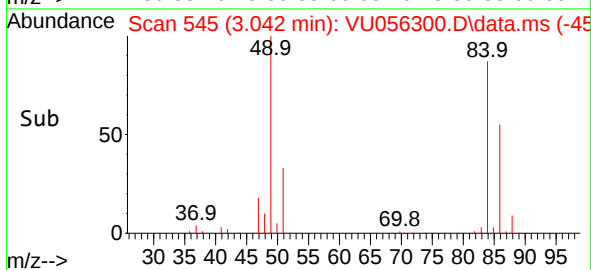
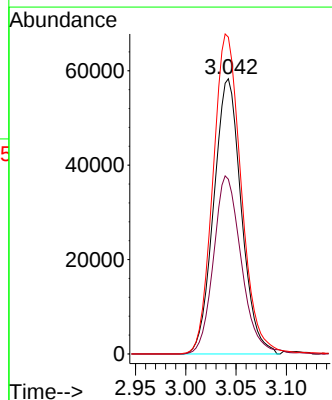
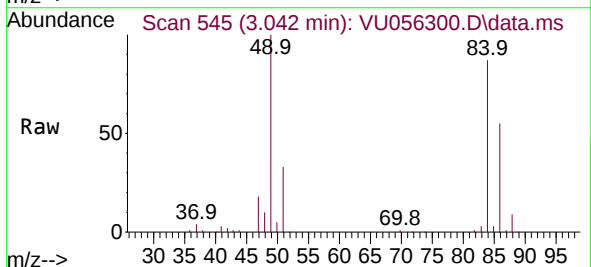
Instrument :
MSVOA_U
ClientSampleId :

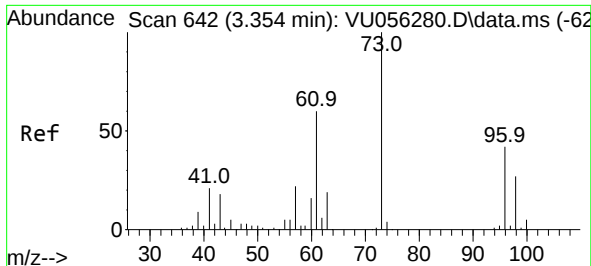
Tgt Ion: 43 Resp: 36134
Ion Ratio Lower Upper
43 100
74 26.9 20.6 31.0



#16
Methylene chloride
Concen: 4.272 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Tgt Ion: 84 Resp: 111122
Ion Ratio Lower Upper
84 100
86 63.5 44.7 83.1
49 115.1 81.8 152.0

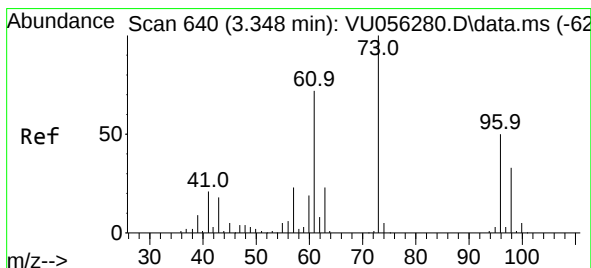
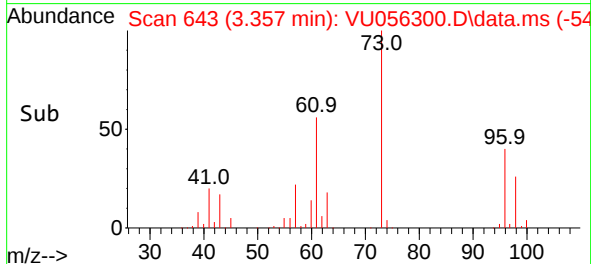
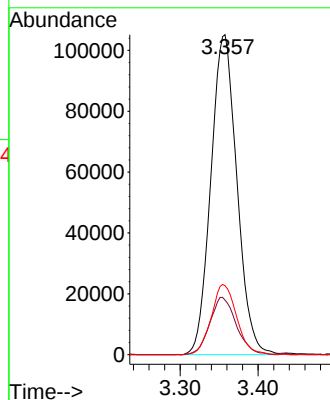
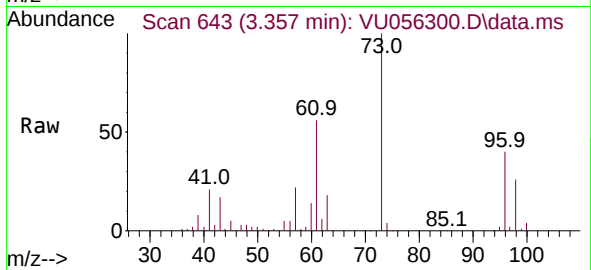




#17
Methyl tert-butyl Ether
Concen: 5.125 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

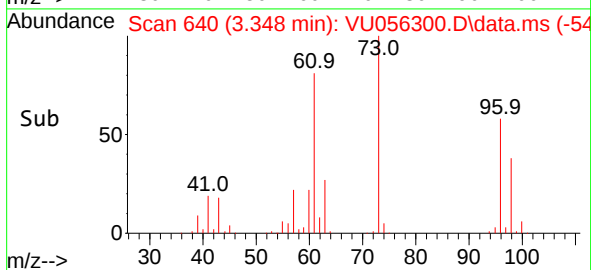
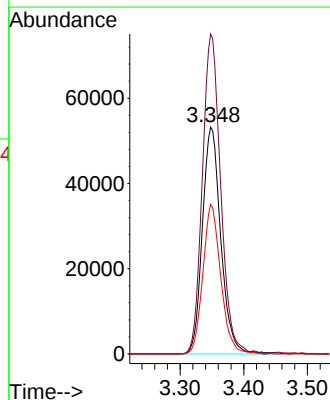
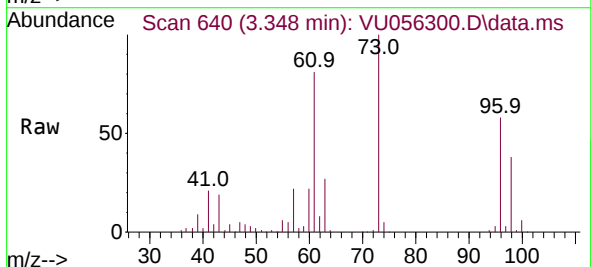
Instrument :
MSVOA_U
ClientSampleId :

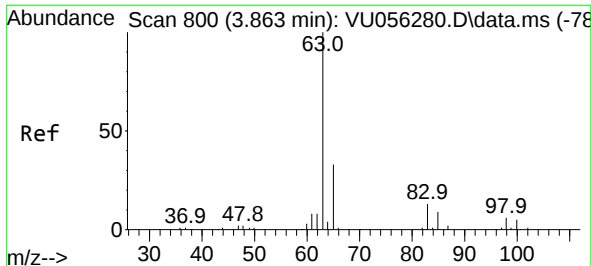
Tgt Ion: 73 Resp: 244761
Ion Ratio Lower Upper
73 100
43 18.2 15.1 22.7
57 21.4 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.284 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Tgt Ion: 96 Resp: 106877
Ion Ratio Lower Upper
96 100
61 141.0 101.7 188.9
98 65.8 43.0 80.0





#19

1,1-Dichloroethane

Concen: 4.898 ug/L

RT: 3.862 min Scan# 80

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

ClientSampleId :

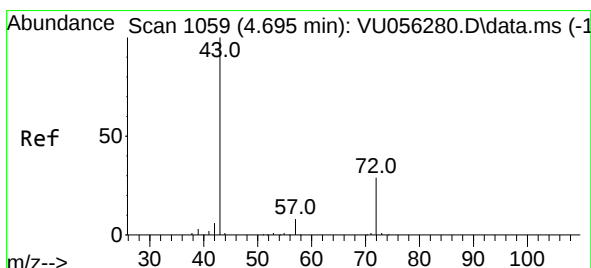
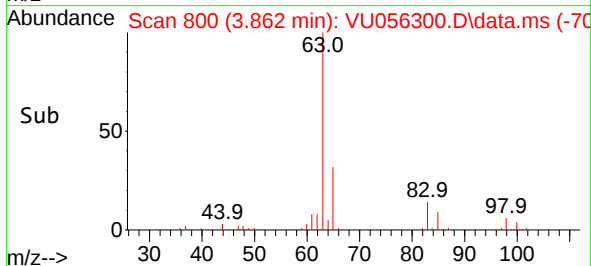
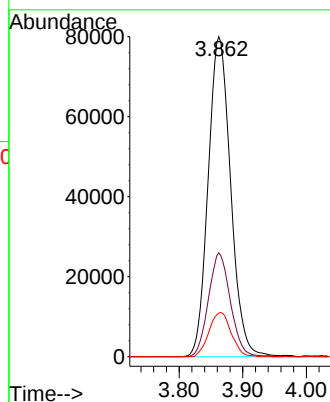
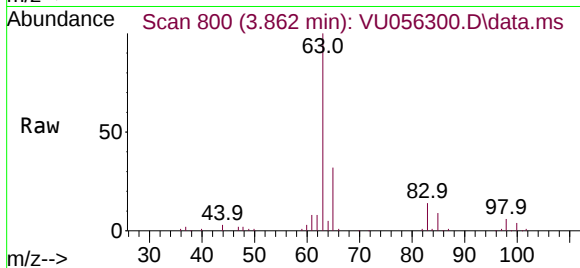
Tgt Ion: 63 Resp: 196215

Ion Ratio Lower Upper

63 100

65 32.5 21.8 40.6

83 13.6 9.7 17.9



#21

2-Butanone

Concen: 46.825 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. 0.003 min

Lab File: VU056300.D

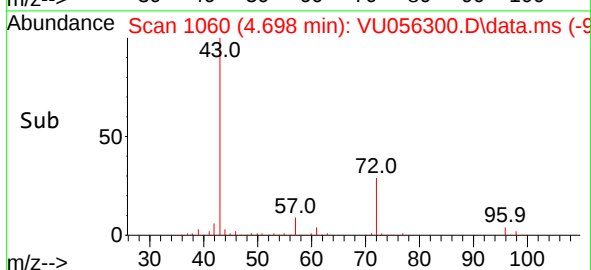
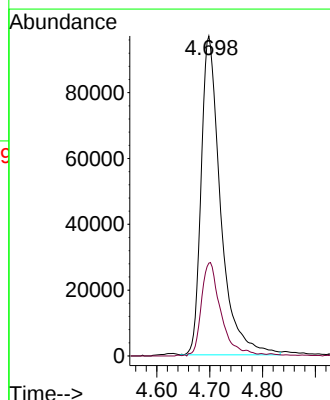
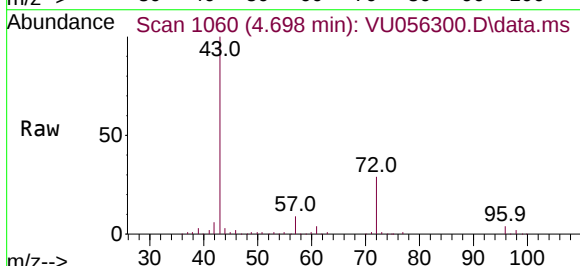
Acq: 14 Nov 2023 12:08

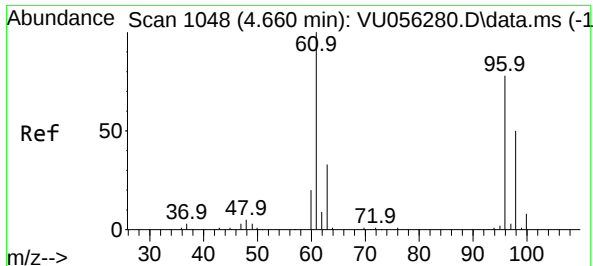
Tgt Ion: 43 Resp: 247842

Ion Ratio Lower Upper

43 100

72 28.9 14.2 42.6

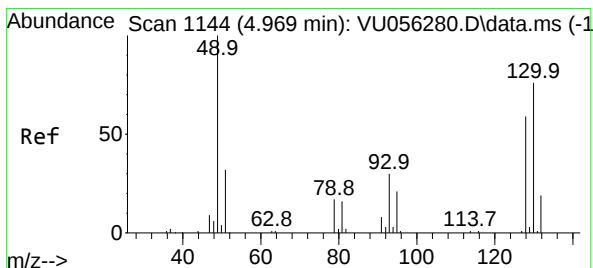
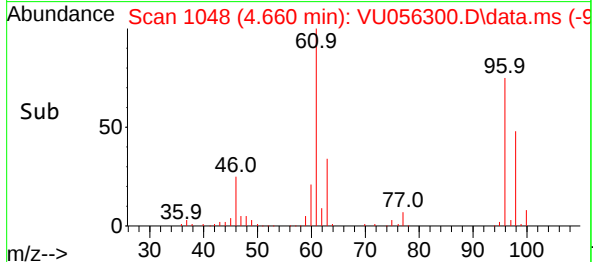
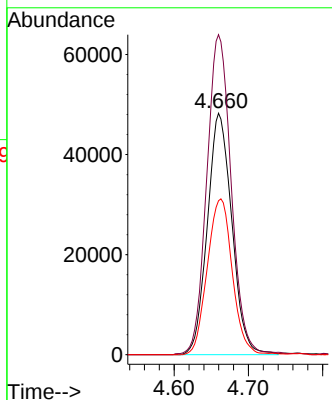
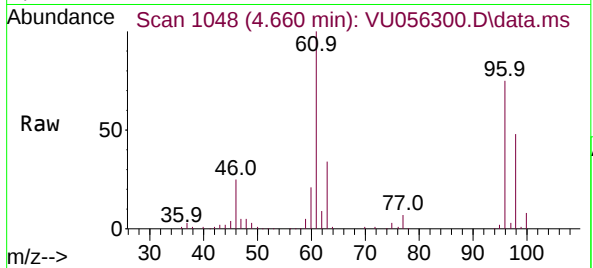




#22
 cis-1,2-Dichloroethene
 Concen: 4.828 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056300.D
 Acq: 14 Nov 2023 12:08

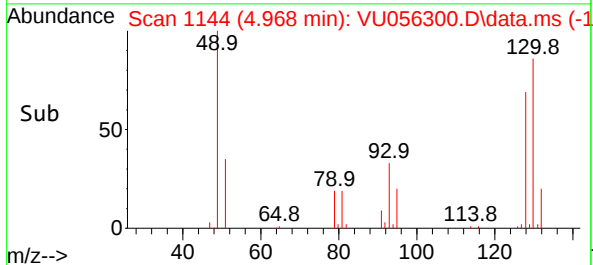
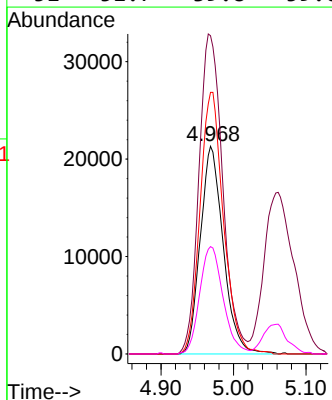
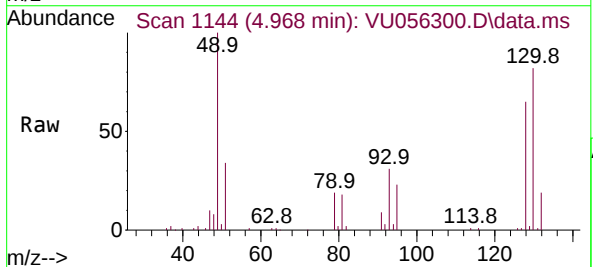
Instrument :
 MSVOA_U
 ClientSampleId :

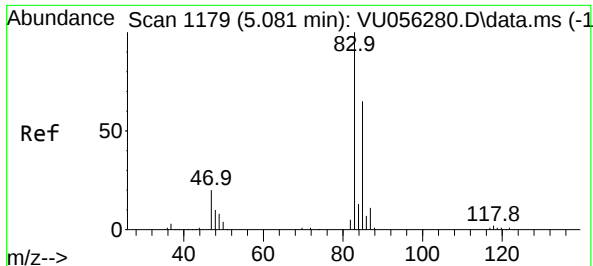
Tgt Ion: 96 Resp: 110741
 Ion Ratio Lower Upper
 96 100
 61 132.5 93.2 173.2
 98 63.7 44.8 83.2



#23
 Bromochloromethane
 Concen: 4.962 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056300.D
 Acq: 14 Nov 2023 12:08

Tgt Ion: 128 Resp: 46847
 Ion Ratio Lower Upper
 128 100
 49 153.3 113.4 210.6
 130 126.0 84.8 157.6
 51 51.7 39.8 59.6





#25

Chloroform

Concen: 4.703 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

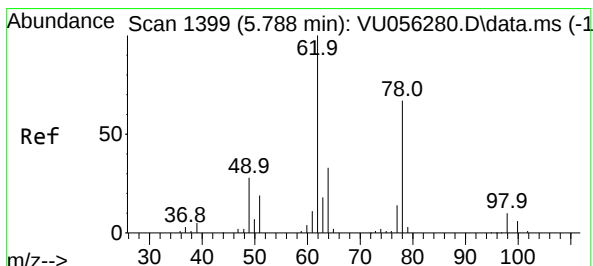
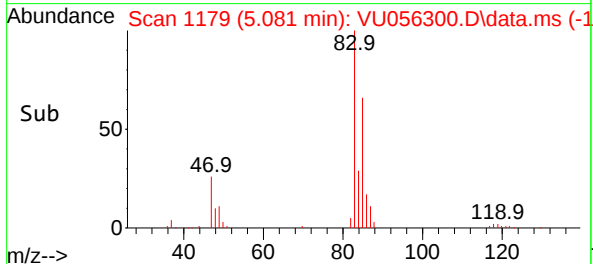
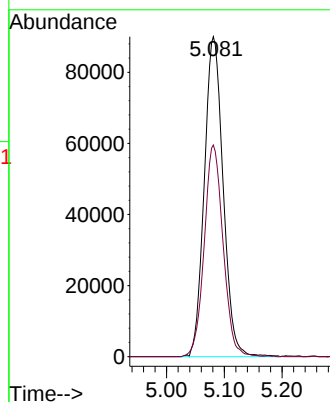
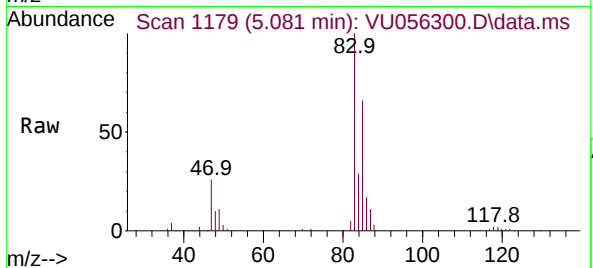
ClientSampleId :

Tgt Ion: 83 Resp: 204152

Ion Ratio Lower Upper

83 100

85 66.2 47.0 87.2



#27

1,2-Dichloroethane

Concen: 4.892 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056300.D

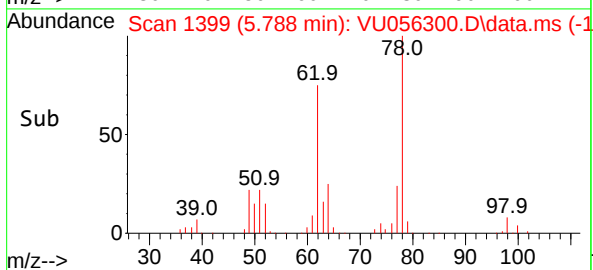
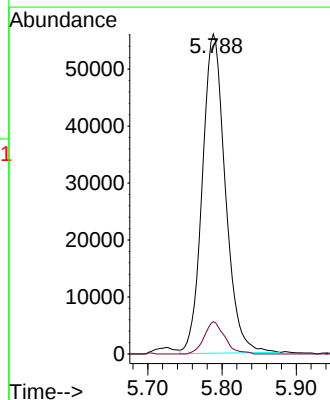
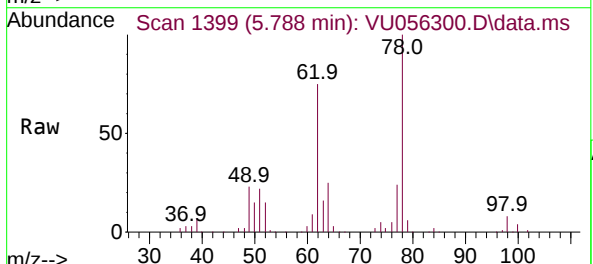
Acq: 14 Nov 2023 12:08

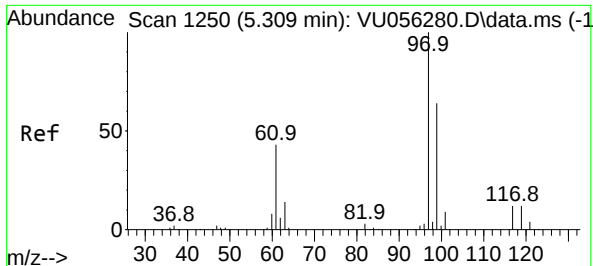
Tgt Ion: 62 Resp: 120550

Ion Ratio Lower Upper

62 100

98 10.1 6.6 10.0#





#29

1,1,1-Trichloroethane

Concen: 5.108 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

ClientSampleId :

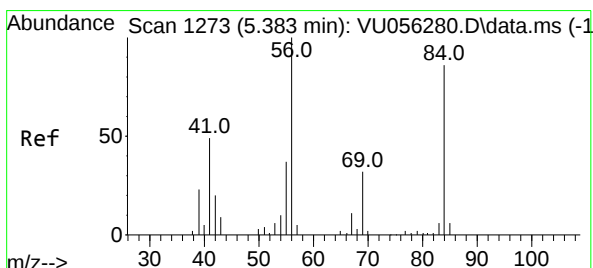
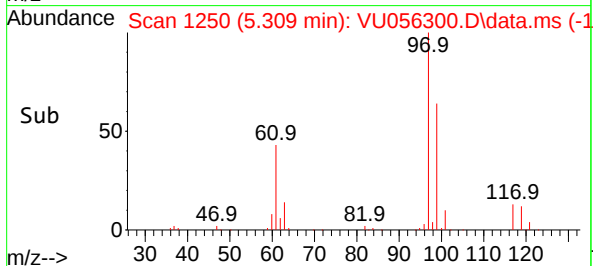
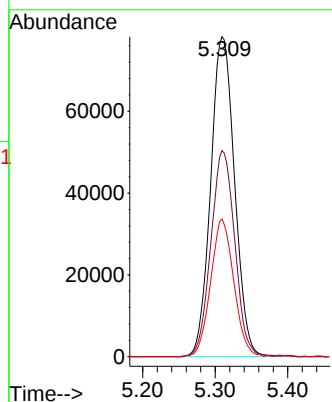
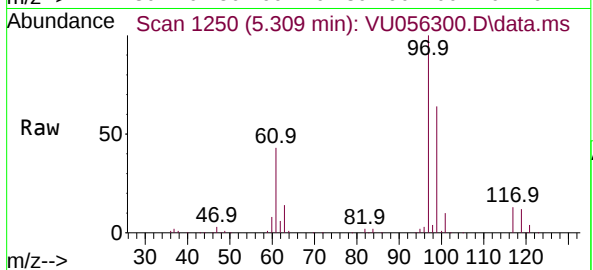
Tgt Ion: 97 Resp: 179402

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 41.6 34.3 51.5



#30

Cyclohexane

Concen: 4.896 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

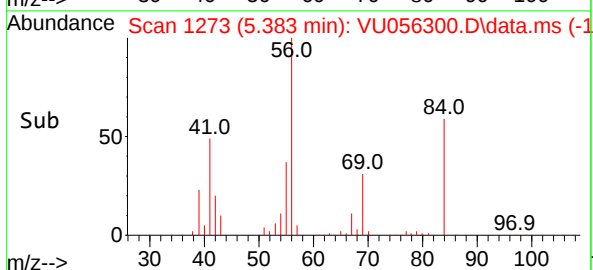
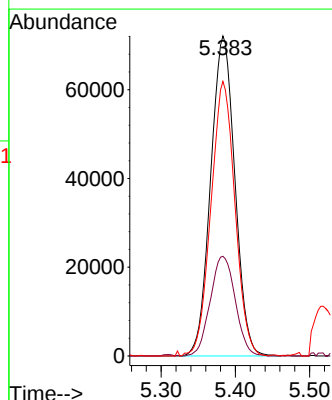
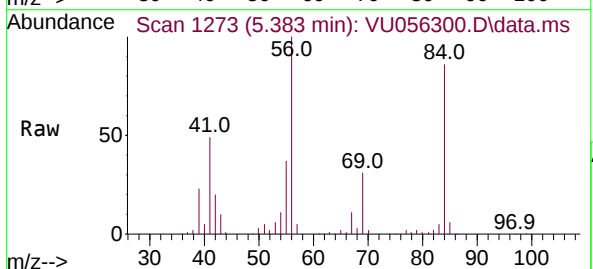
Tgt Ion: 56 Resp: 163220

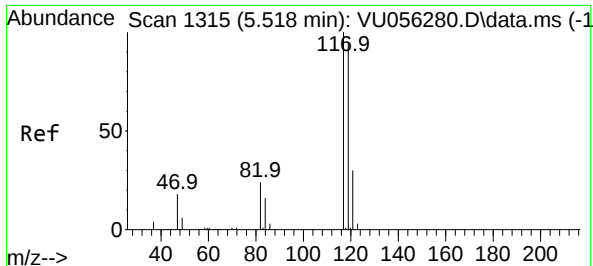
Ion Ratio Lower Upper

56 100

69 32.3 25.4 38.2

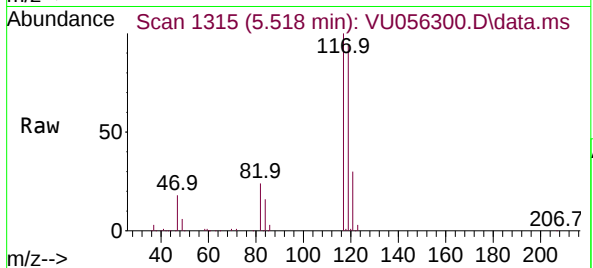
84 85.1 68.6 103.0



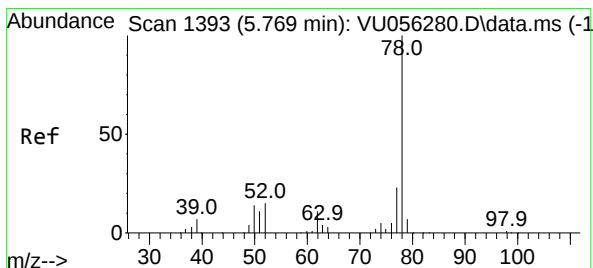
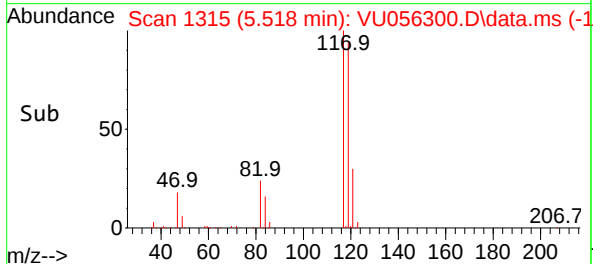
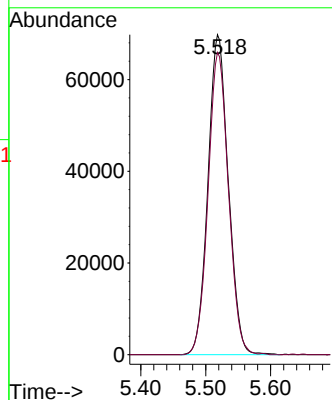


#31
Carbon tetrachloride
Concen: 5.040 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Instrument :
MSVOA_U
ClientSampleId :

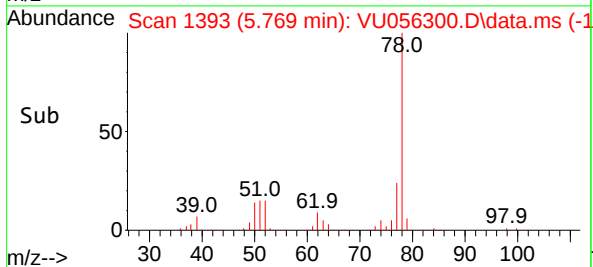
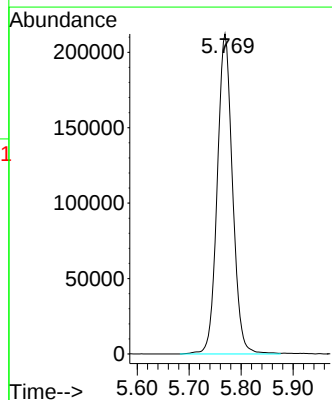
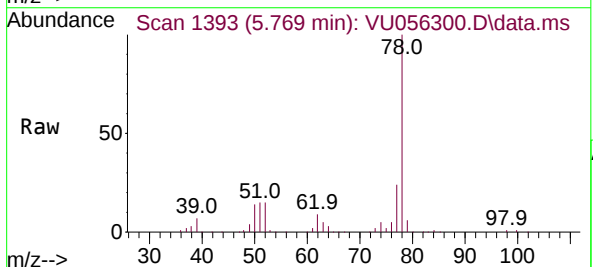


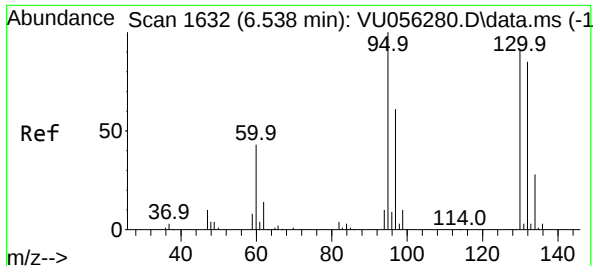
Tgt Ion:117 Resp: 152054
Ion Ratio Lower Upper
117 100
119 94.3 78.1 117.1



#33
Benzene
Concen: 4.959 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

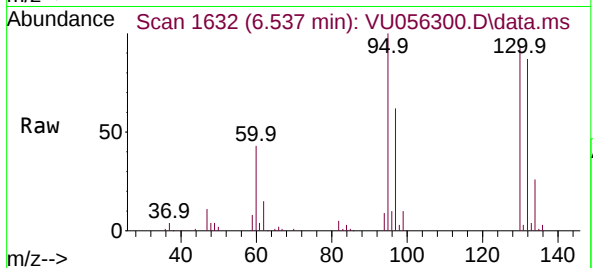
Tgt Ion: 78 Resp: 432983



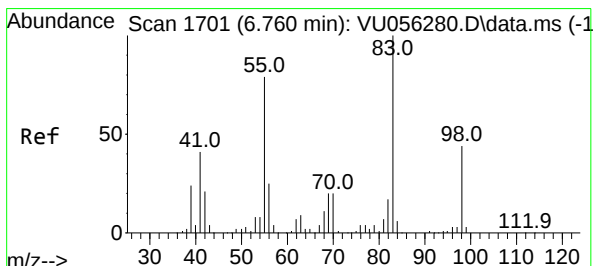
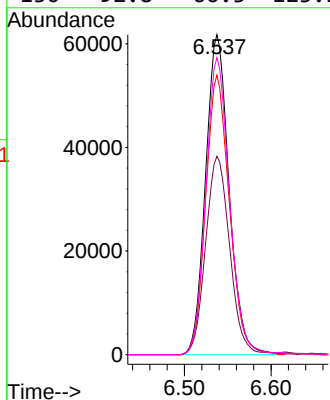
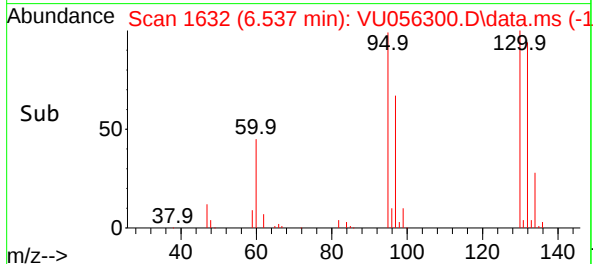


#34
Trichloroethene
Concen: 4.895 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

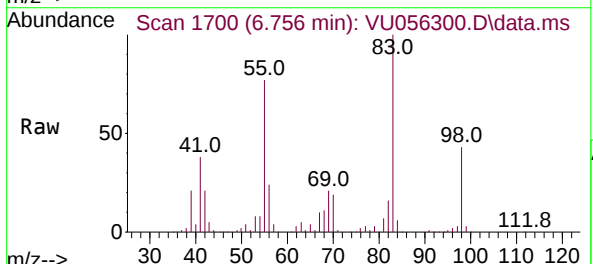
Instrument :
MSVOA_U
ClientSampleId :



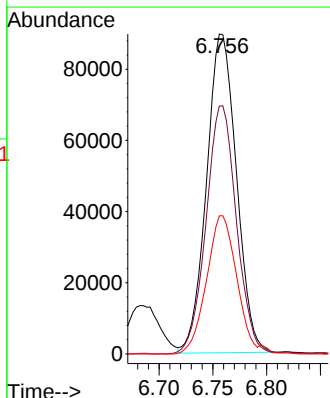
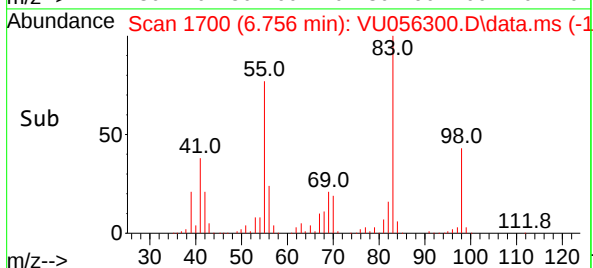
Tgt Ion: 95 Resp: 116449
Ion Ratio Lower Upper
95 100
97 62.0 46.5 86.3
132 87.4 62.0 115.2
130 92.8 66.3 123.1

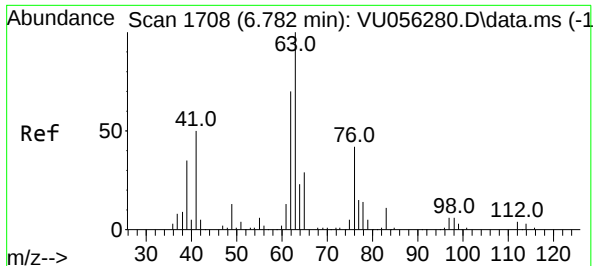


#35
Methylcyclohexane
Concen: 5.048 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08



Tgt Ion: 83 Resp: 173380
Ion Ratio Lower Upper
83 100
55 79.1 62.9 94.3
98 44.3 35.3 52.9





#37

1,2-Dichloropropane

Concen: 4.920 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

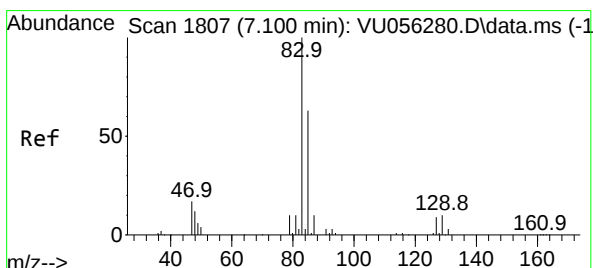
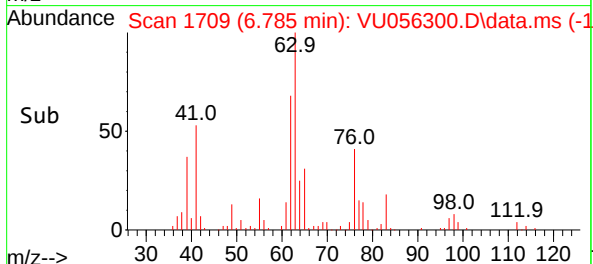
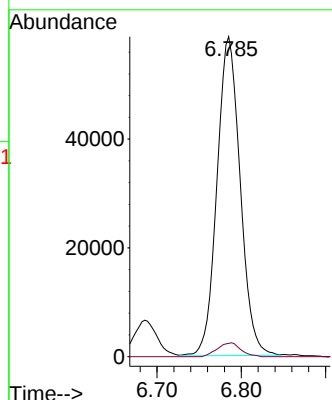
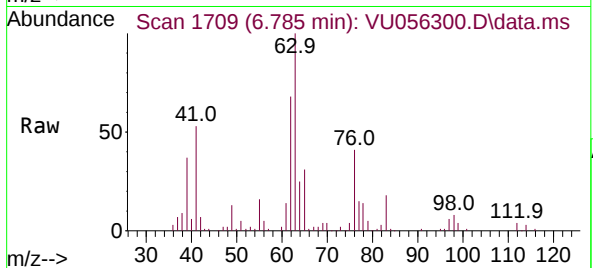
ClientSampleId :

Tgt Ion: 63 Resp: 112023

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 4.787 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

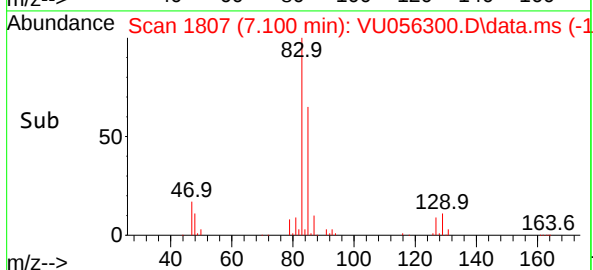
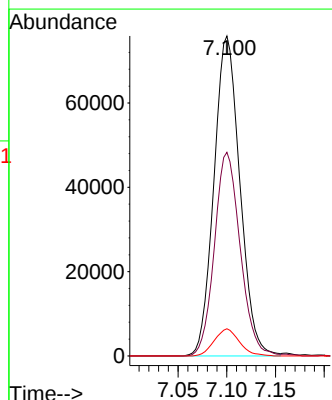
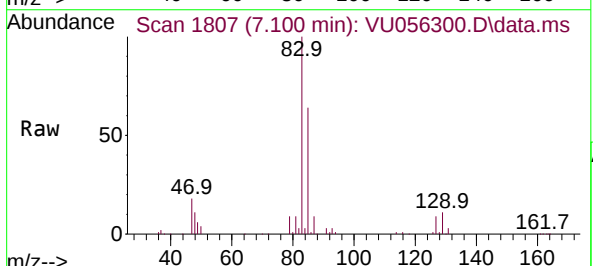
Tgt Ion: 83 Resp: 140720

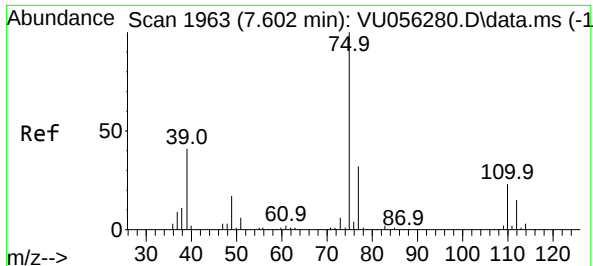
Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.5

127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.000 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

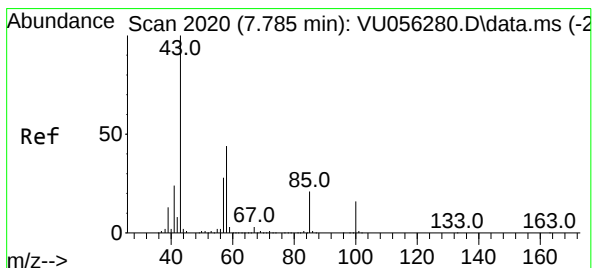
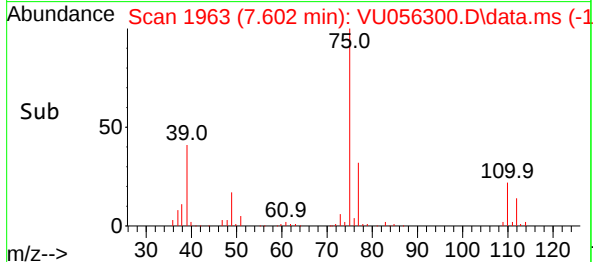
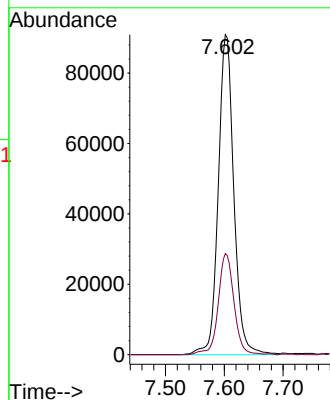
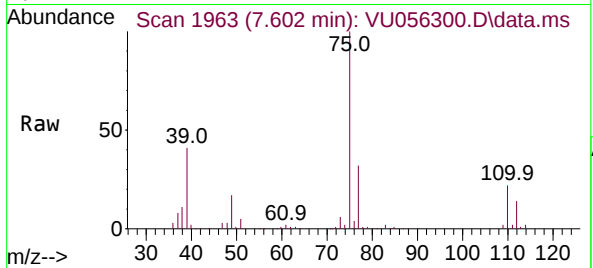
ClientSampleId :

Tgt Ion: 75 Resp: 167285

Ion Ratio Lower Upper

75 100

77 31.6 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 49.965 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

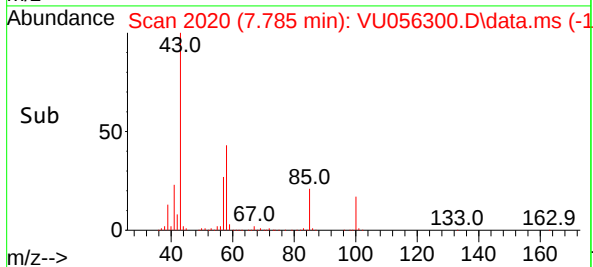
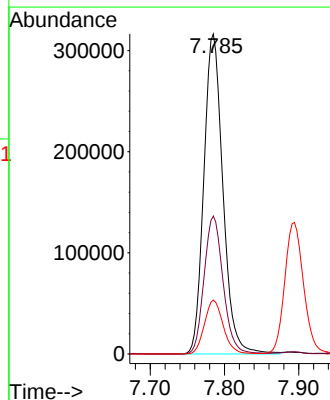
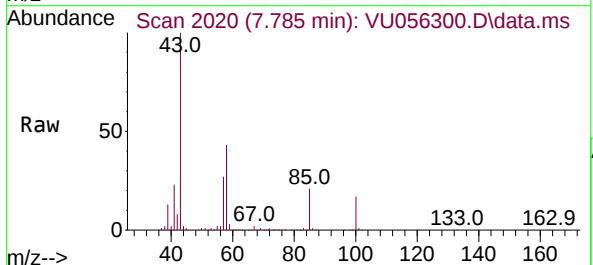
Tgt Ion: 43 Resp: 563930

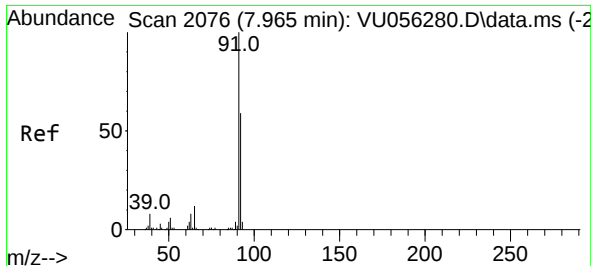
Ion Ratio Lower Upper

43 100

58 43.1 33.8 50.8

100 16.6 13.0 19.4





#42

Toluene

Concen: 5.109 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

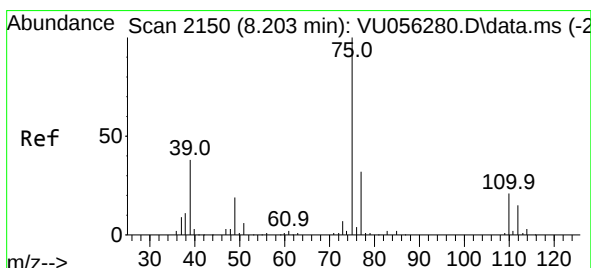
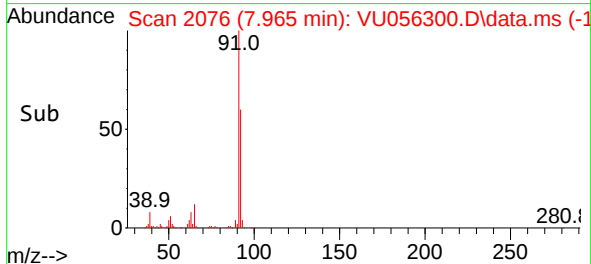
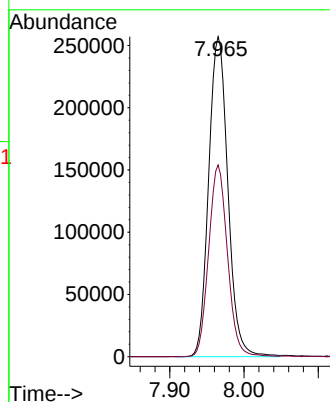
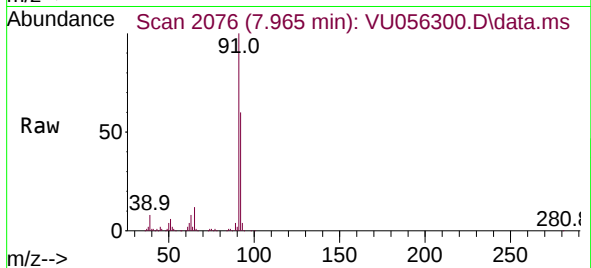
ClientSampleId :

Tgt Ion: 91 Resp: 461785

Ion Ratio Lower Upper

91 100

92 59.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.079 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU056300.D

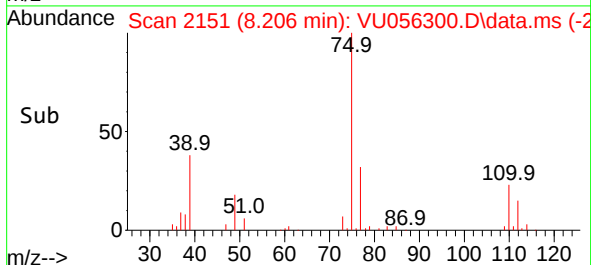
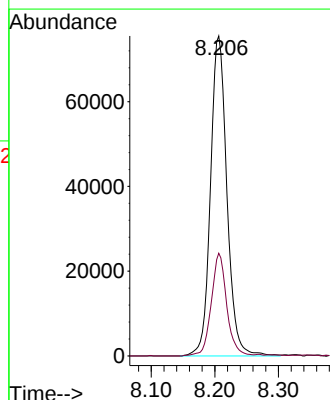
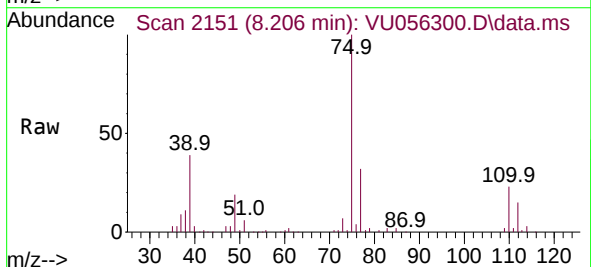
Acq: 14 Nov 2023 12:08

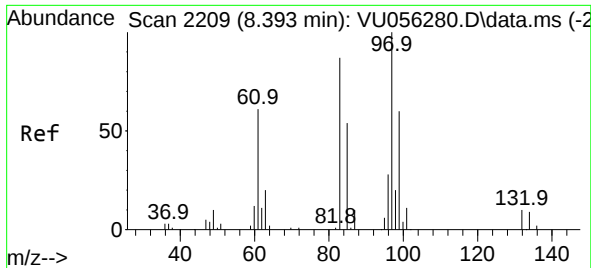
Tgt Ion: 75 Resp: 135452

Ion Ratio Lower Upper

75 100

77 32.1 22.8 42.4



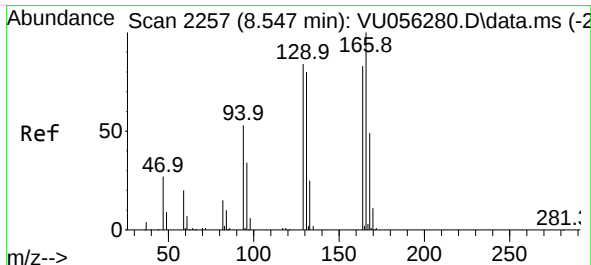
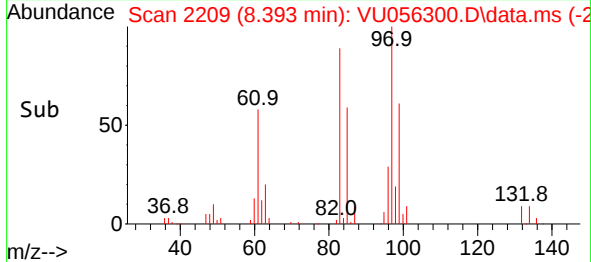
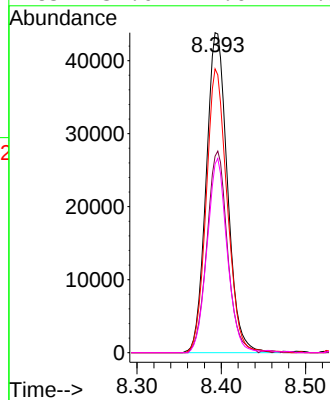
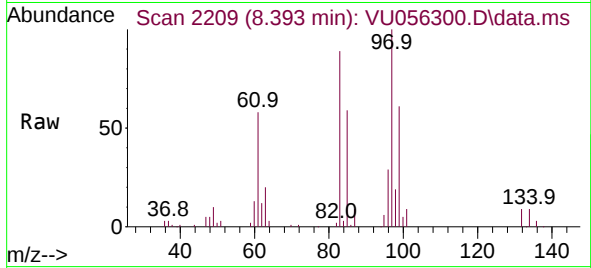


#45
 1,1,2-Trichloroethane
 Concen: 5.082 ug/L
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU056300.D
 Acq: 14 Nov 2023 12:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 97 Resp: 77057

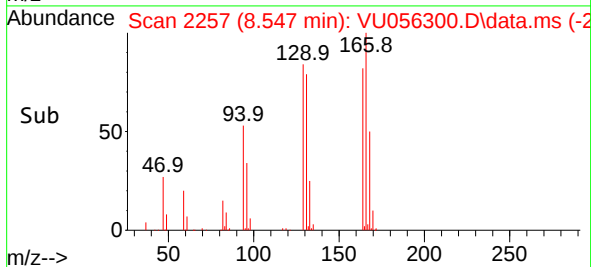
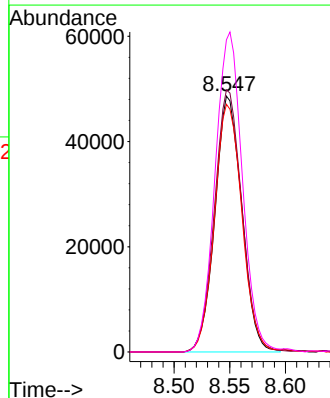
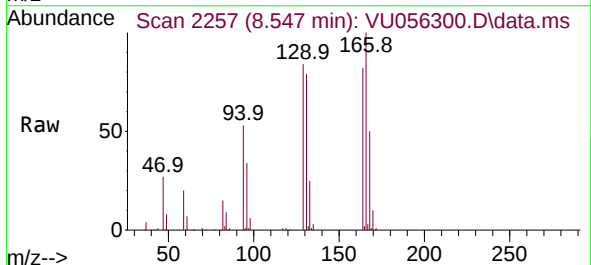
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.3	82.3
83	88.7	65.4	121.4
85	59.0	41.6	77.3

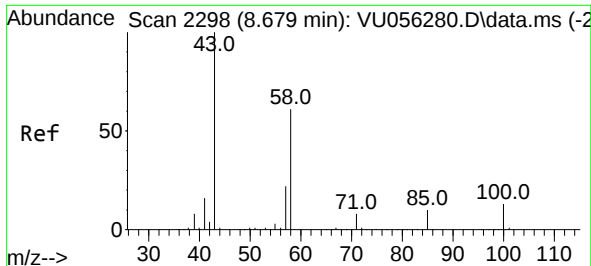


#47
 Tetrachloroethene
 Concen: 5.083 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. -0.000 min
 Lab File: VU056300.D
 Acq: 14 Nov 2023 12:08

Tgt Ion: 164 Resp: 81534

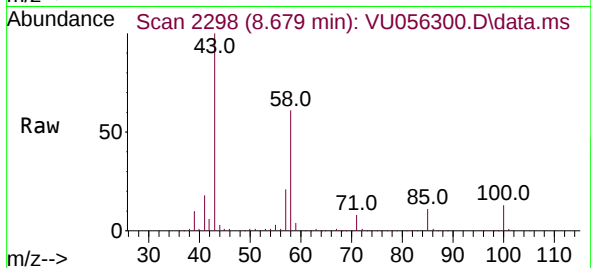
Ion	Ratio	Lower	Upper
164	100		
129	102.5	71.0	131.9
131	96.8	70.3	130.7
166	122.0	89.8	166.8





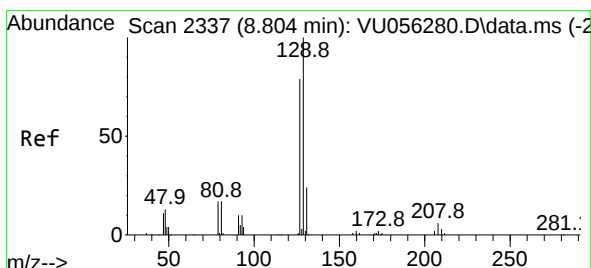
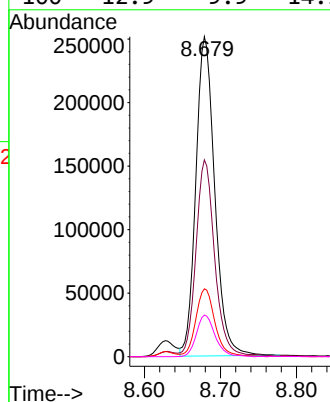
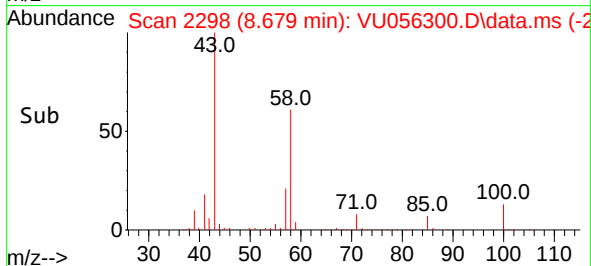
#48
2-Hexanone
Concen: 49.534 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 435542

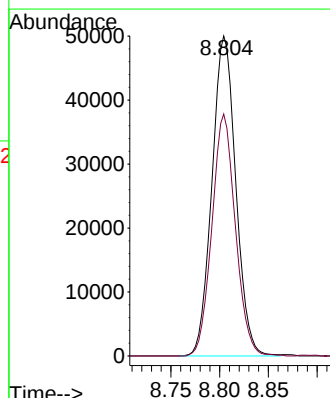
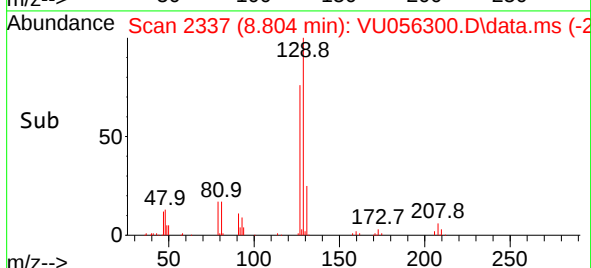
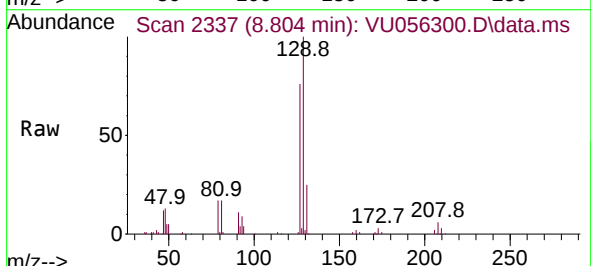
Ion	Ratio	Lower	Upper
43	100		
58	60.8	48.7	73.1
57	21.6	16.8	25.2
100	12.9	9.9	14.9

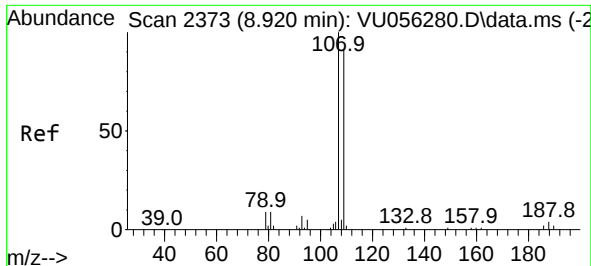


#49
Dibromochloromethane
Concen: 4.937 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Tgt Ion: 129 Resp: 85138

Ion	Ratio	Lower	Upper
129	100		
127	75.6	52.9	98.3





#50

1,2-Dibromoethane

Concen: 4.767 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

ClientSampleId :

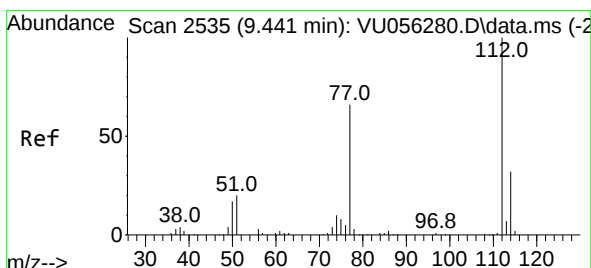
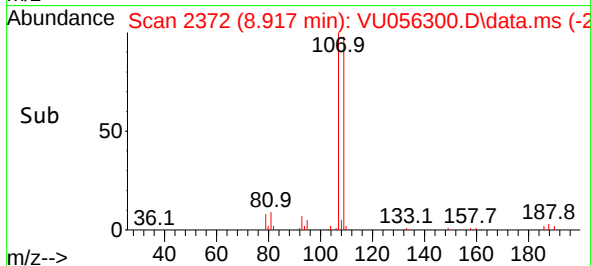
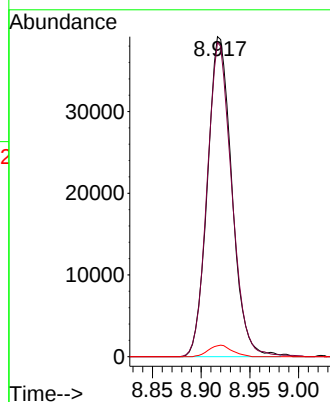
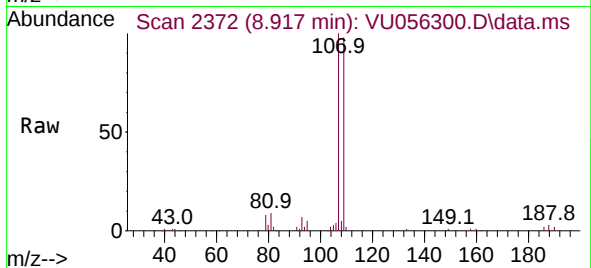
Tgt Ion:107 Resp: 68248

Ion Ratio Lower Upper

107 100

109 98.2 64.2 119.2

188 3.4 2.6 4.0



#51

Chlorobenzene

Concen: 5.031 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

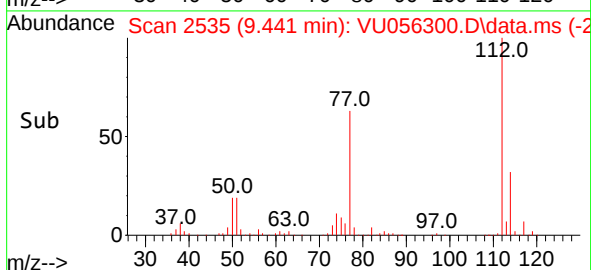
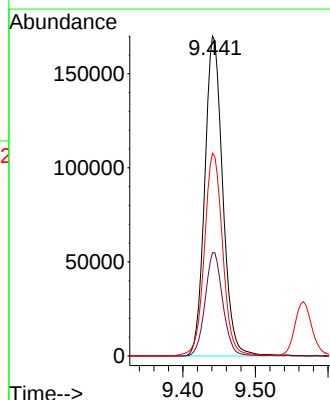
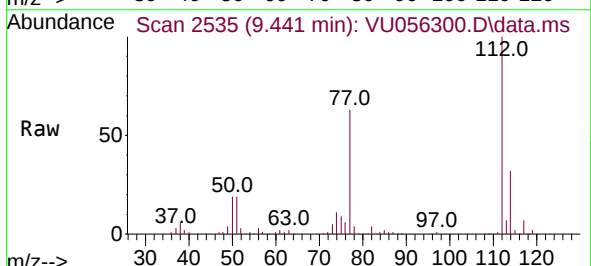
Tgt Ion:112 Resp: 292237

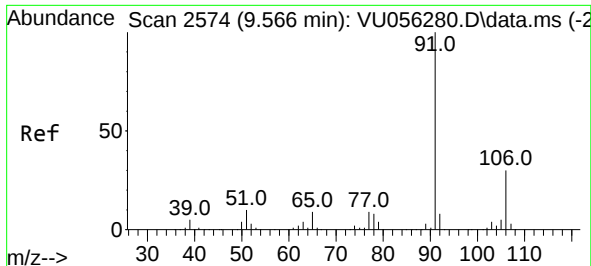
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

77 63.3 51.7 77.5

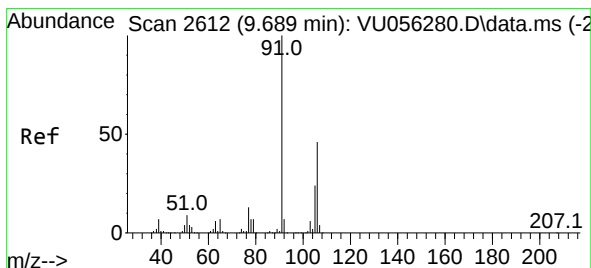
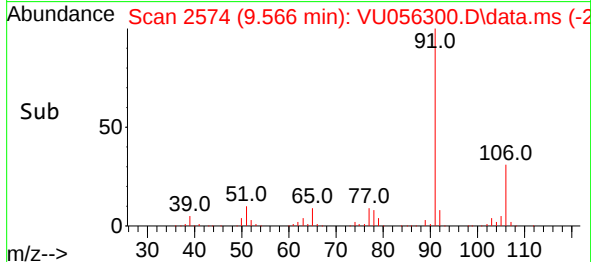
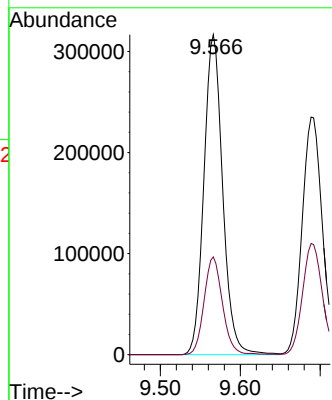
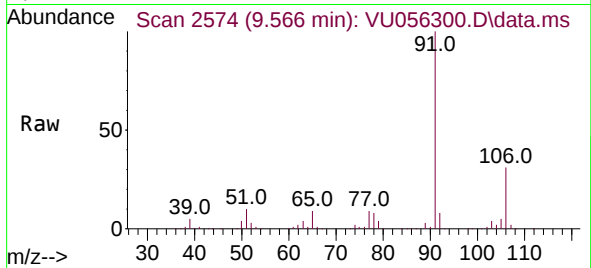




#52
Ethylbenzene
Concen: 5.158 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

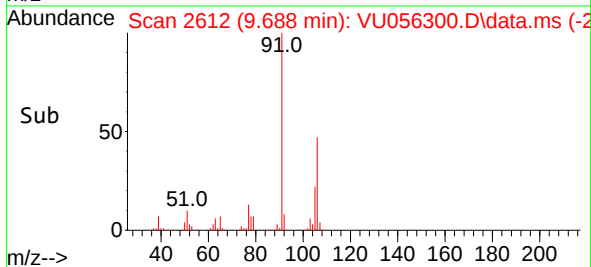
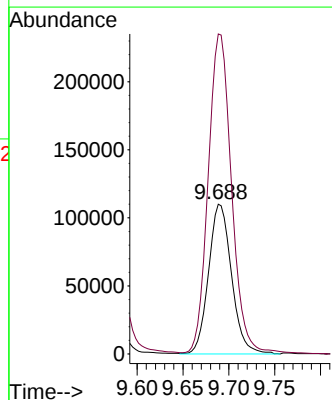
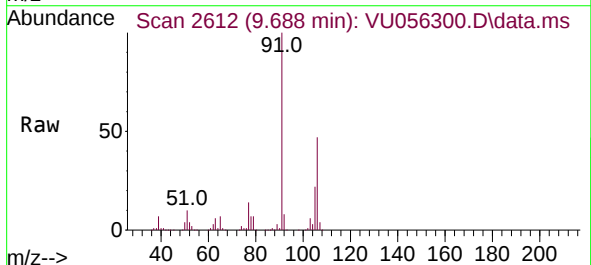
Instrument :
MSVOA_U
ClientSampleId :

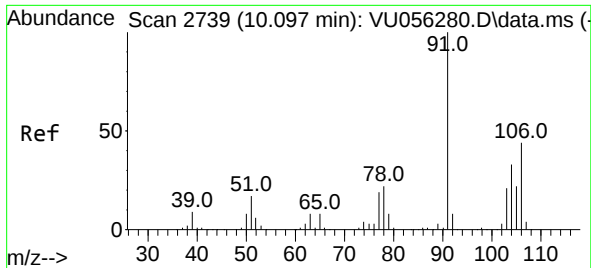
Tgt Ion: 91 Resp: 517721
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



#53
m,p-Xylene
Concen: 5.211 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Tgt Ion: 106 Resp: 192272
Ion Ratio Lower Upper
106 100
91 213.6 149.6 277.8

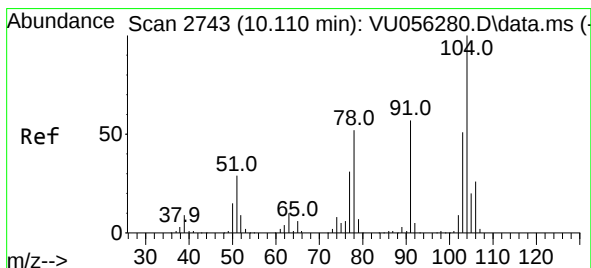
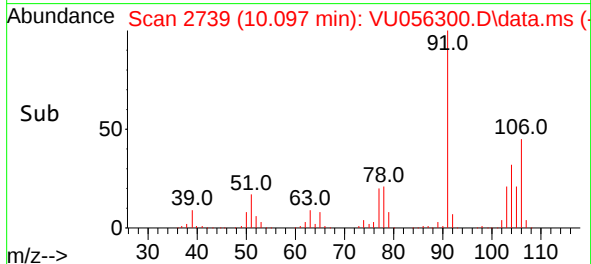
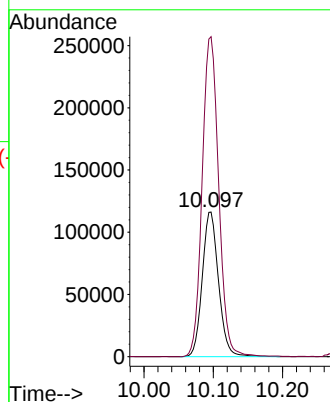
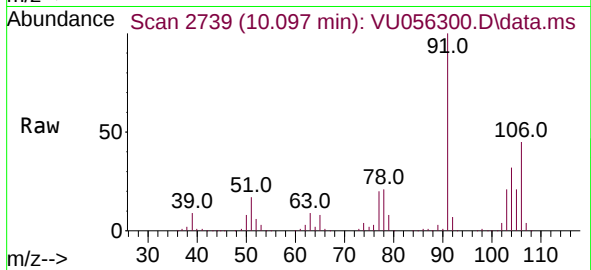




#54
o-Xylene
Concen: 5.270 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

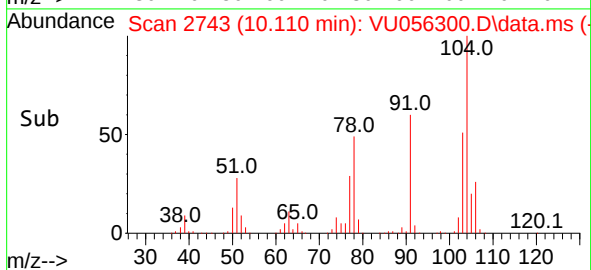
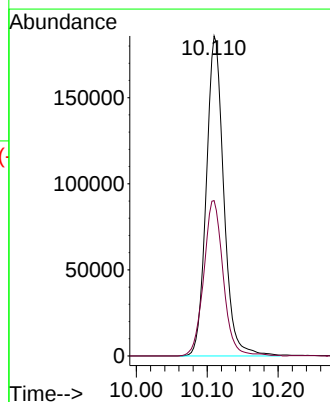
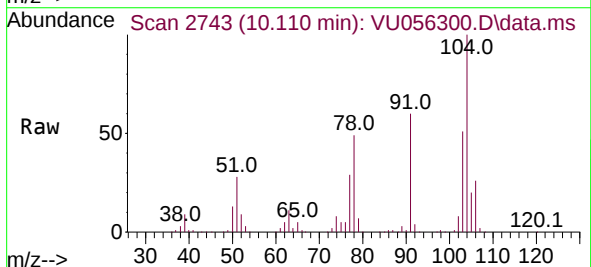
Instrument :
MSVOA_U
ClientSampleId :

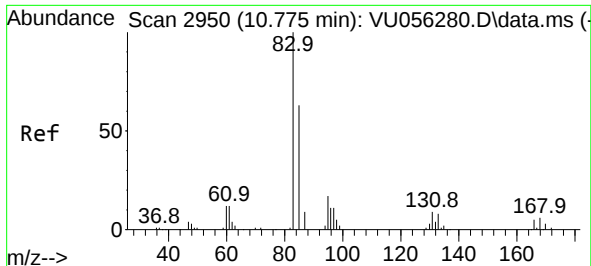
Tgt Ion:106 Resp: 188909
Ion Ratio Lower Upper
106 100
91 221.1 159.3 295.9



#55
Styrene
Concen: 5.349 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Tgt Ion:104 Resp: 318947
Ion Ratio Lower Upper
104 100
78 48.6 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.977 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

ClientSampleId :

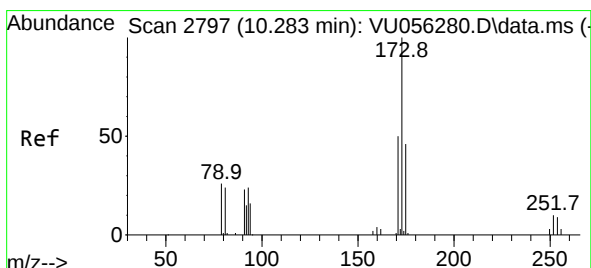
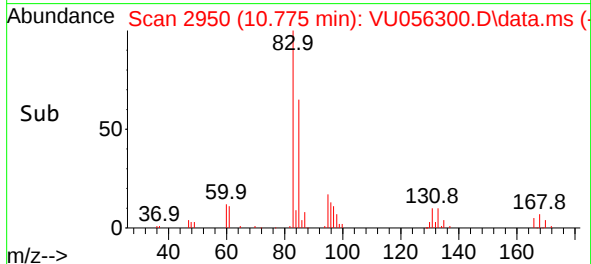
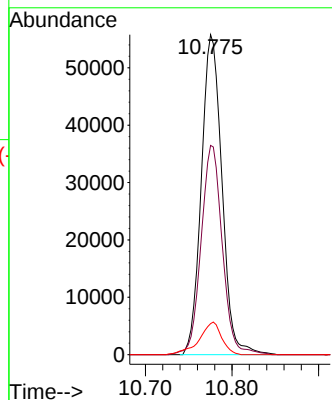
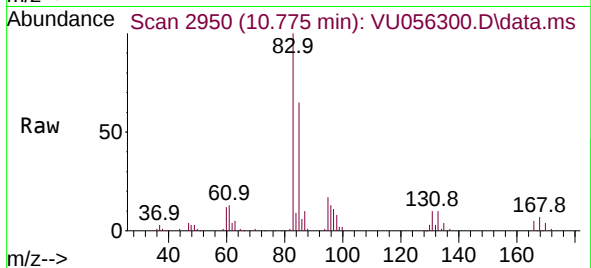
Tgt Ion: 83 Resp: 92148

Ion Ratio Lower Upper

83 100

85 65.4 46.3 86.1

131 9.7 6.7 10.1



#59

Bromoform

Concen: 4.792 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

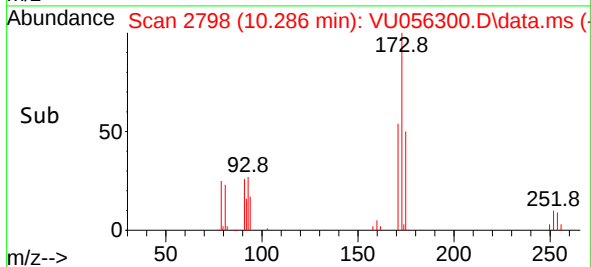
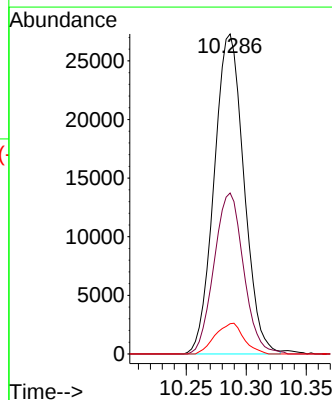
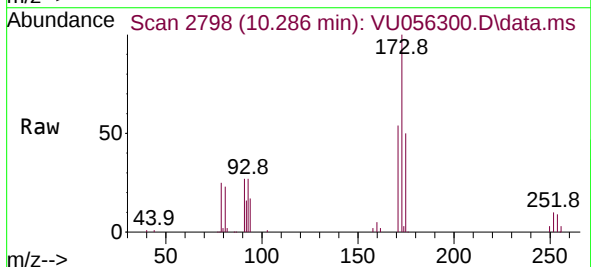
Tgt Ion:173 Resp: 47095

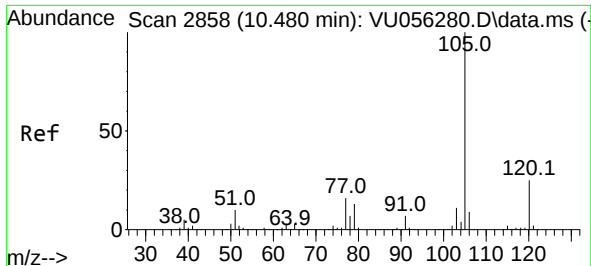
Ion Ratio Lower Upper

173 100

175 49.8 38.9 58.3

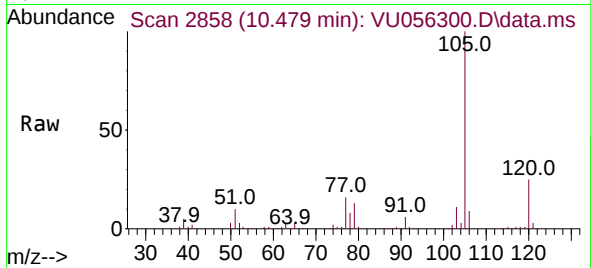
254 9.2 6.7 10.1



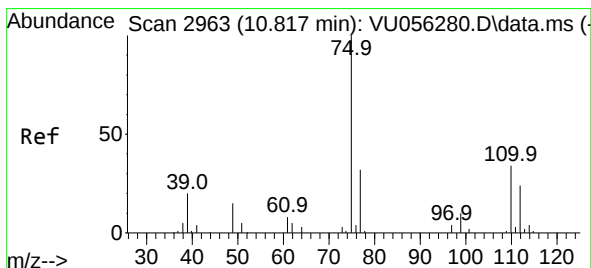
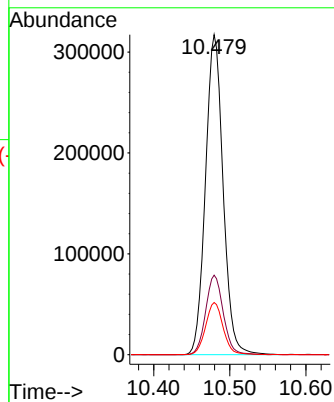
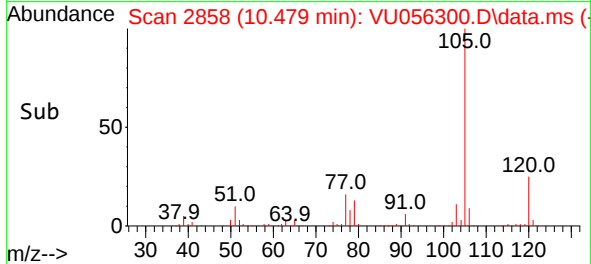


#60
Isopropylbenzene
Concen: 5.023 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Instrument :
MSVOA_U
ClientSampleId :

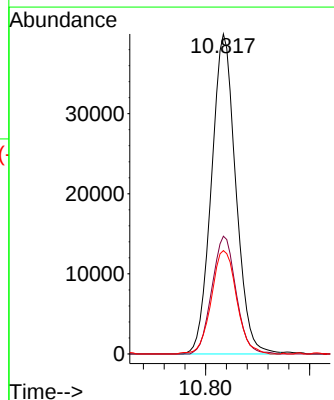
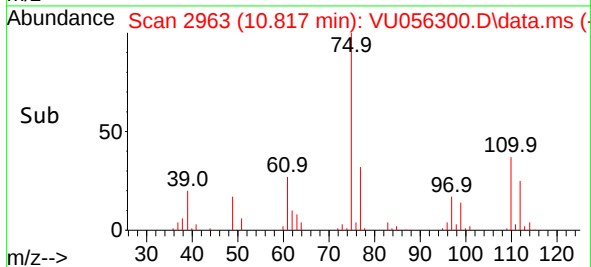
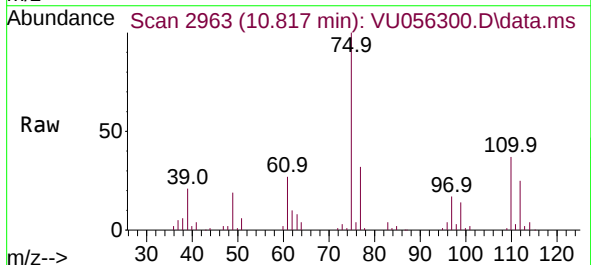


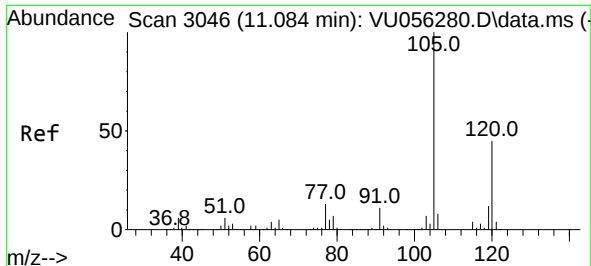
Tgt Ion:105 Resp: 511092
Ion Ratio Lower Upper
105 100
120 24.8 20.4 30.6
77 16.2 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 4.790 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Tgt Ion: 75 Resp: 64851
Ion Ratio Lower Upper
75 100
110 36.4 30.4 45.6
77 33.6 27.0 40.6

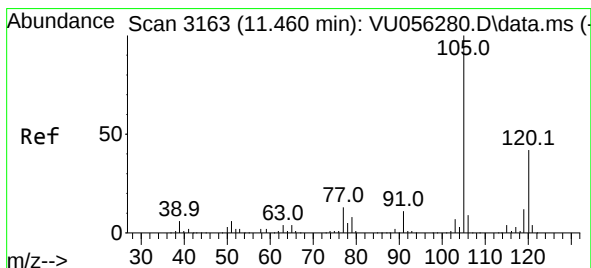
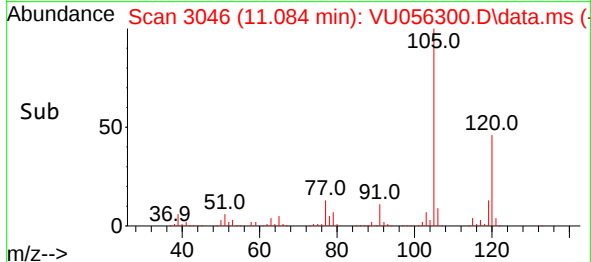
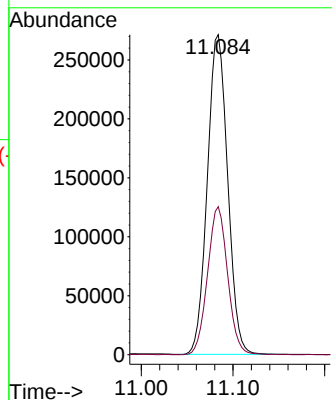
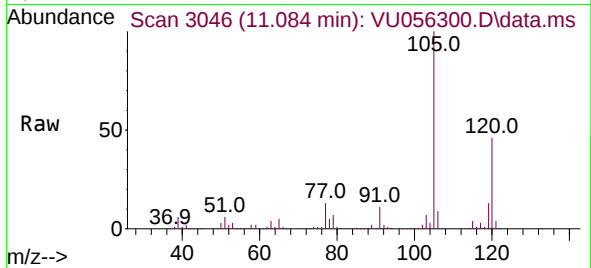




#62
1,3,5-Trimethylbenzene
Concen: 5.003 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

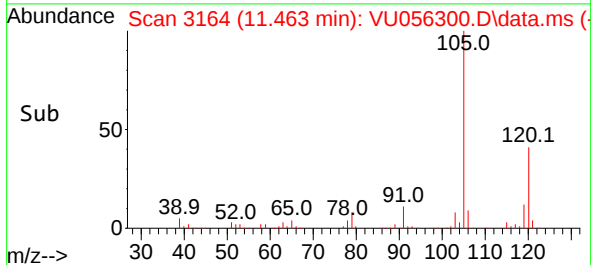
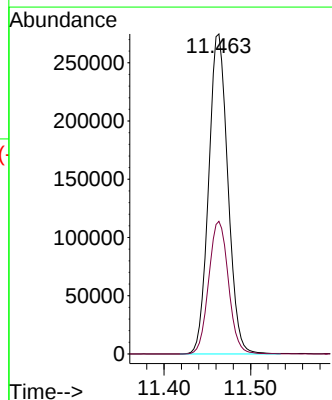
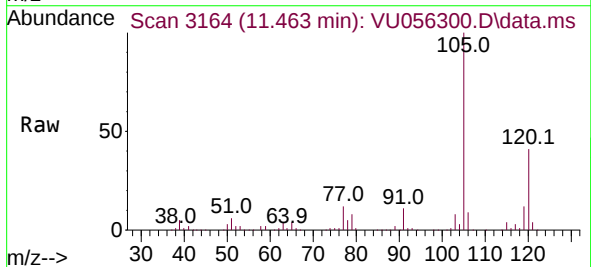
Instrument :
MSVOA_U
ClientSampleId :

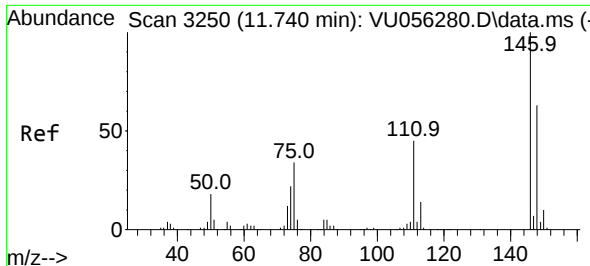
Tgt Ion:105 Resp: 417981
Ion Ratio Lower Upper
105 100
120 45.8 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.132 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

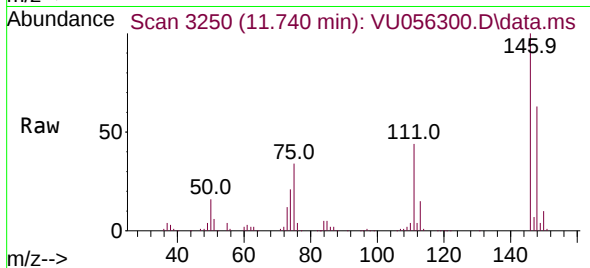
Tgt Ion:105 Resp: 423269
Ion Ratio Lower Upper
105 100
120 42.5 34.0 51.0



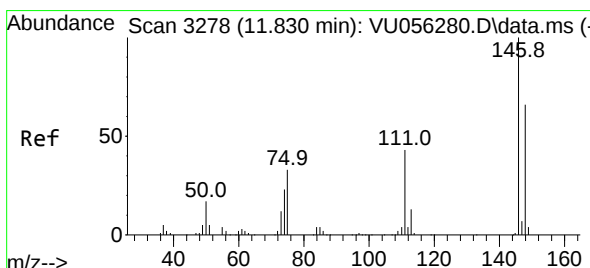
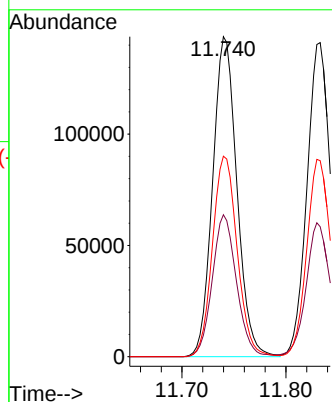
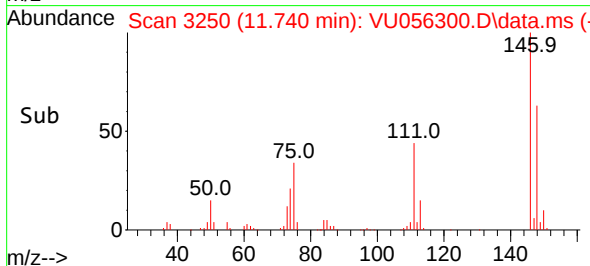


#64
1,3-Dichlorobenzene
Concen: 5.036 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

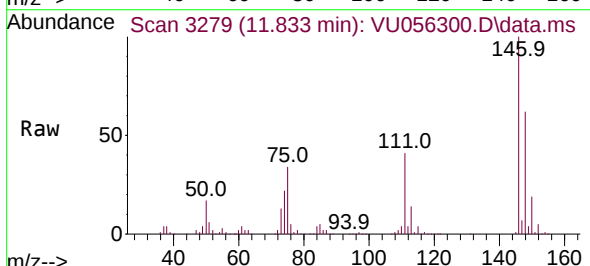
Instrument :
MSVOA_U
ClientSampleId :



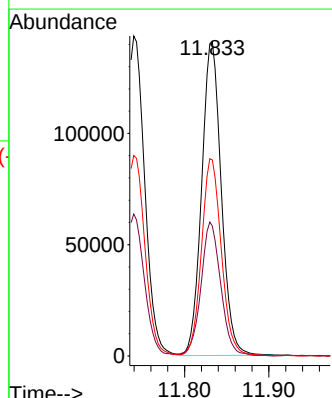
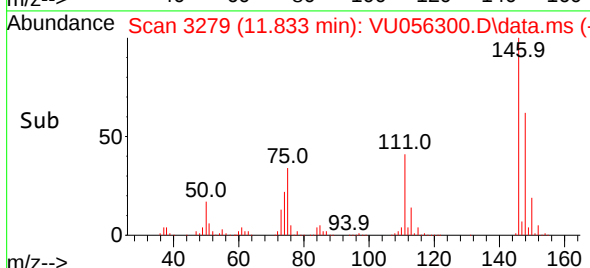
Tgt Ion:146 Resp: 233083
Ion Ratio Lower Upper
146 100
111 44.4 31.1 57.7
148 62.6 45.1 83.9

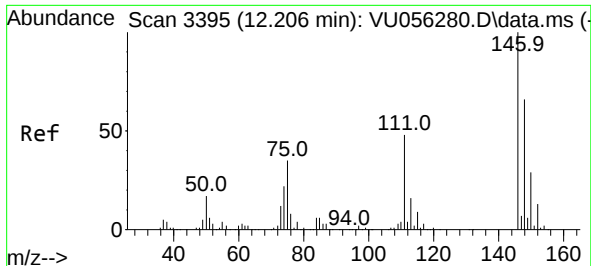


#65
1,4-Dichlorobenzene
Concen: 4.932 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08



Tgt Ion:146 Resp: 228997
Ion Ratio Lower Upper
146 100
111 41.4 30.5 56.7
148 62.4 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.926 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

ClientSampleId :

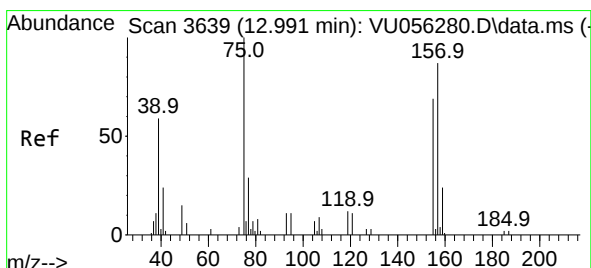
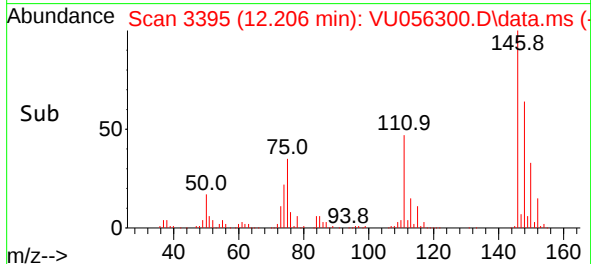
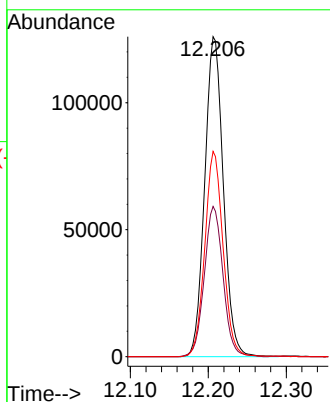
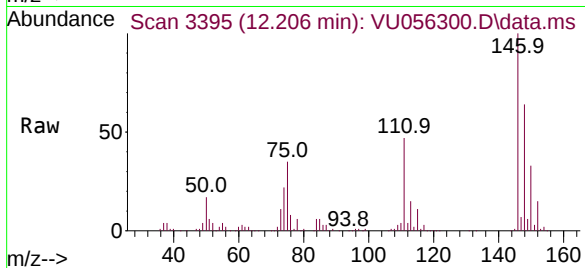
Tgt Ion:146 Resp: 209192

Ion Ratio Lower Upper

146 100

111 46.9 38.3 57.5

148 64.1 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.382 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

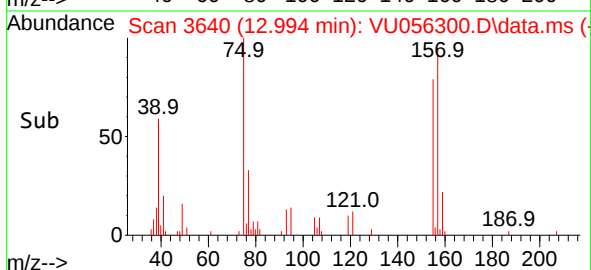
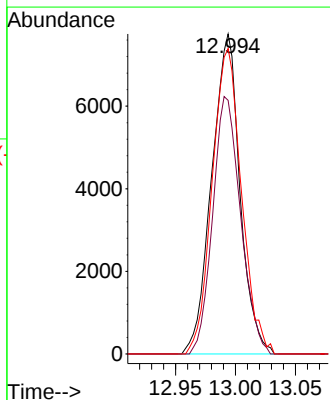
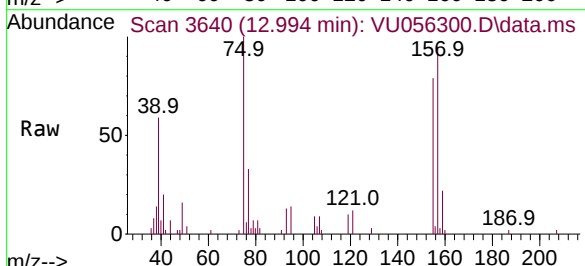
Tgt Ion: 75 Resp: 12670

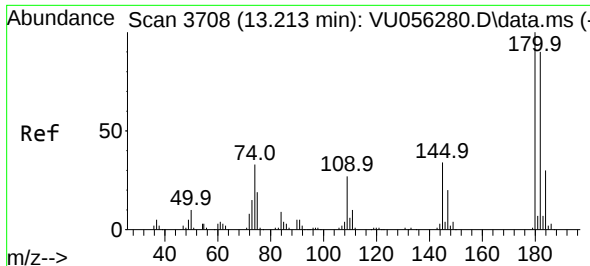
Ion Ratio Lower Upper

75 100

155 79.2 62.4 93.6

157 95.4 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 4.952 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

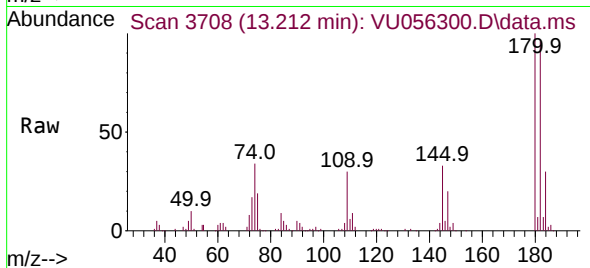
Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 172570

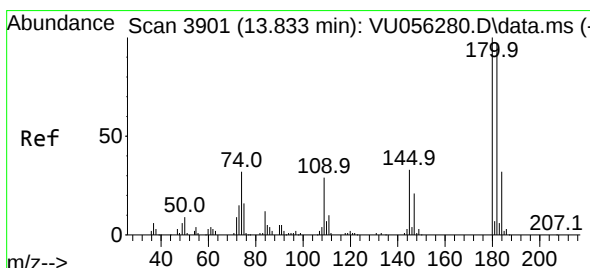
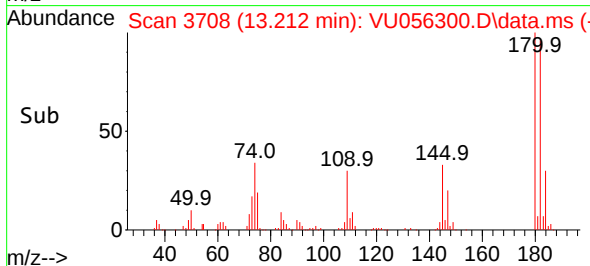
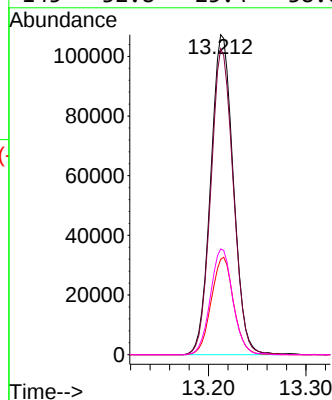
Ion Ratio Lower Upper

180 100

182 94.9 75.1 112.7

184 30.0 23.5 35.3

145 32.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.094 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU056300.D

Acq: 14 Nov 2023 12:08

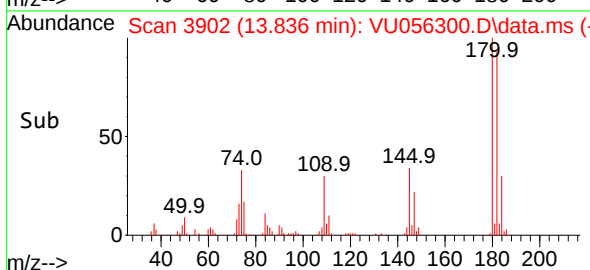
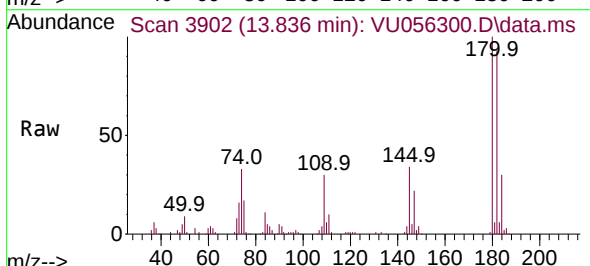
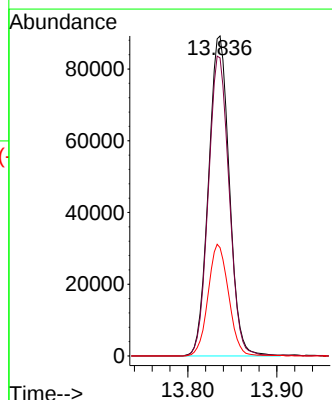
Tgt Ion:180 Resp: 144601

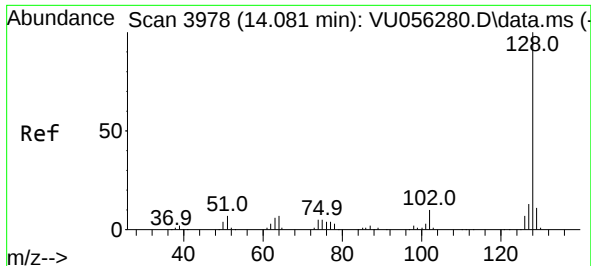
Ion Ratio Lower Upper

180 100

182 93.6 75.4 113.2

145 34.5 26.8 40.2

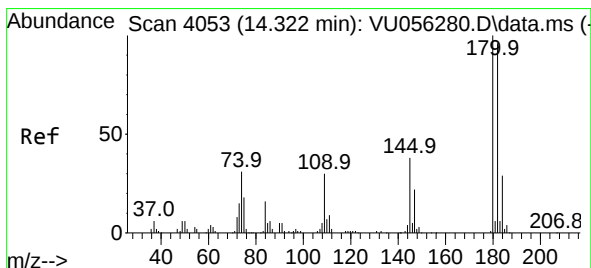
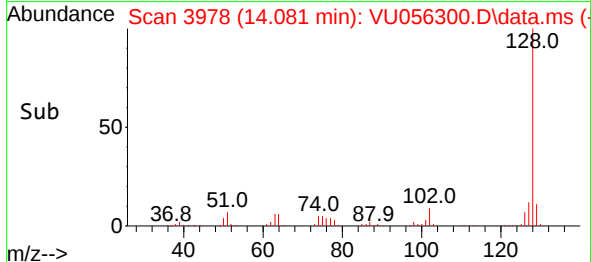
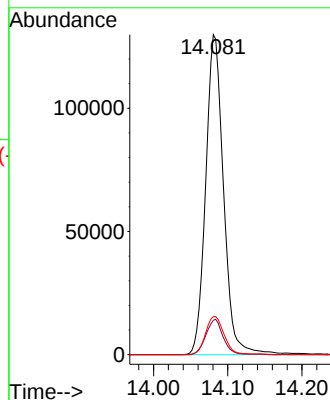
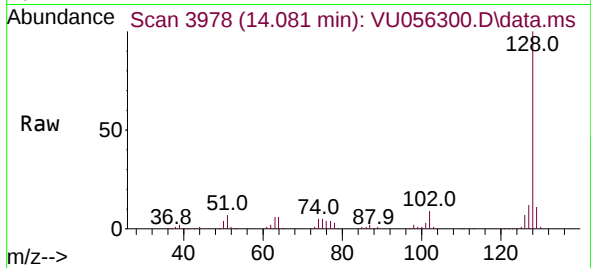




#71
Naphthalene
Concen: 5.041 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 216194
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.4 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.038 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU056300.D
Acq: 14 Nov 2023 12:08

Tgt Ion:180 Resp: 117803
Ion Ratio Lower Upper
180 100
182 96.9 78.6 117.8
145 35.8 29.0 43.6

