

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120523\
 Data File : VU056650.D
 Acq On : 05 Dec 2023 10:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 01:39:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 30 22:25:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	283943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	279785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	143544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85237	4.013	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.911	69	70709	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.563	65	39639	4.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.621	46	248169	58.601	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.200%
24) Chloroform-d	5.058	84	205472	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	96422	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.724	84	371702	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.685	67	117004	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.894	98	319181	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.177	79	43944	4.561	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.631	63	198901	52.529	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	92546	5.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	113738	4.289	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	89732	3.989	ug/L	96
3) Chloromethane	1.518	50	93724	4.077	ug/L	96
5) Vinyl chloride	1.602	62	96479	4.356	ug/L	95
6) Bromomethane	1.856	94	54141	4.829	ug/L	97
8) Chloroethane	1.930	64	58672	4.336	ug/L	96
9) Trichlorofluoromethane	2.136	101	159162	4.986	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	105686	5.577	ug/L	98
12) 1,1-Dichloroethene	2.576	96	86178	4.958	ug/L	98
13) Acetone	2.631	43	177650	49.253	ug/L	100
14) Carbon disulfide	2.792	76	209978	3.712	ug/L	98
15) Methyl Acetate	2.949	43	34368	5.354	ug/L	99
16) Methylene chloride	3.042	84	106553	4.632	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	231506	5.482	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	88979	4.975	ug/L	96
19) 1,1-Dichloroethane	3.862	63	193270	5.456	ug/L	99
21) 2-Butanone	4.702	43	237761	50.801	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	107678	5.309	ug/L	96
23) Bromochloromethane	4.968	128	44997	5.390	ug/L	95
25) Chloroform	5.081	83	207391	5.403	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120523\
 Data File : VU056650.D
 Acq On : 05 Dec 2023 10:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

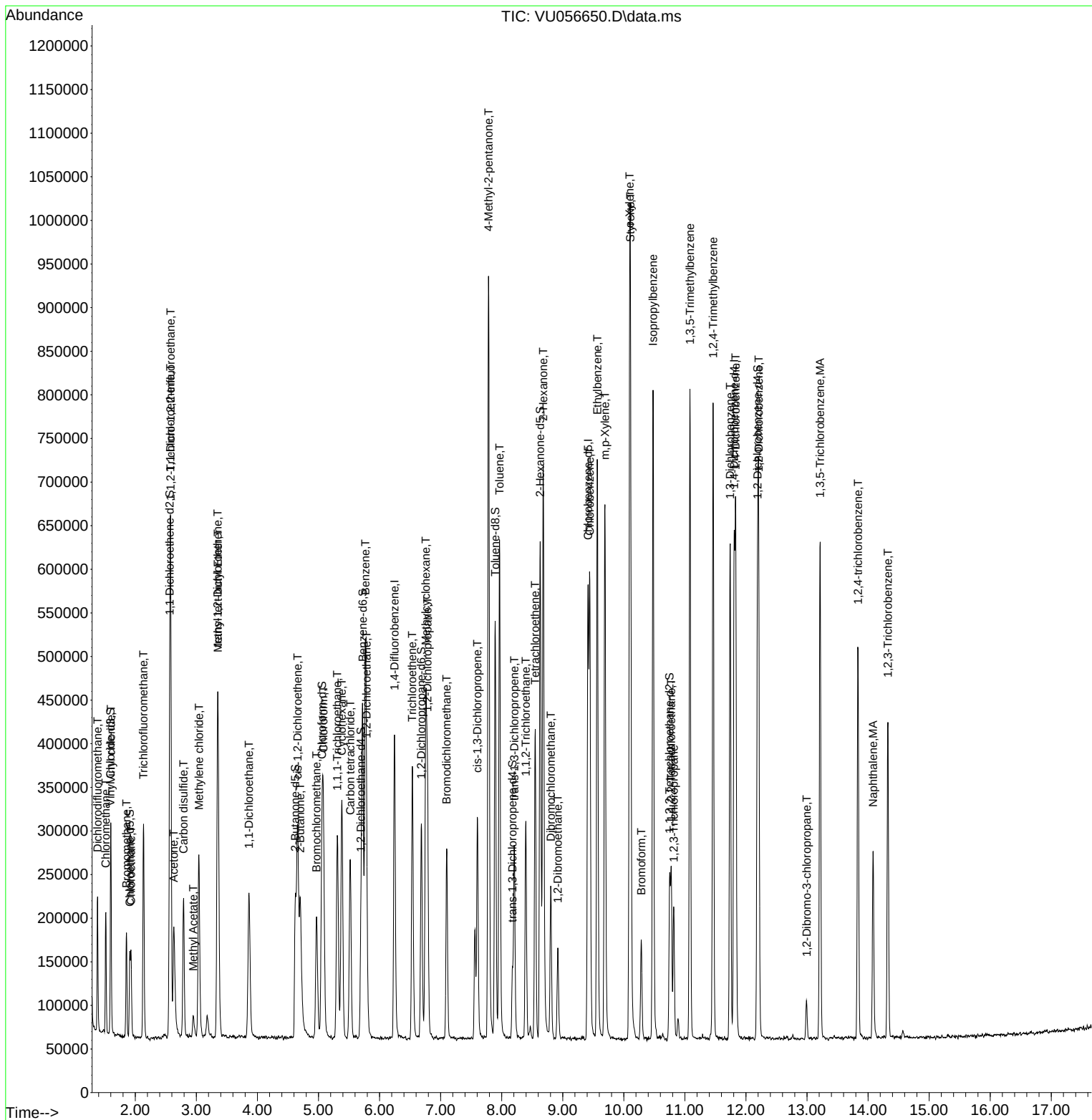
Instrument :
 MSVOA_U
 ClientSampleId :

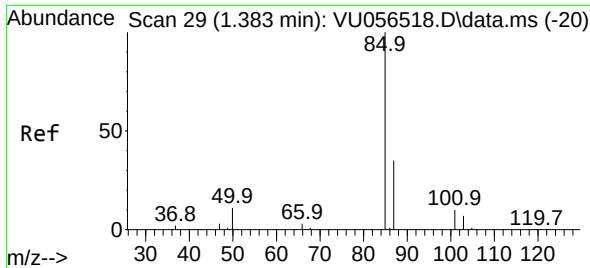
Quant Time: Dec 06 01:39:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 30 22:25:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	119420	5.480	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	175984	5.480	ug/L	100
30) Cyclohexane	5.383	56	134883	4.425	ug/L	100
31) Carbon tetrachloride	5.521	117	146286	5.303	ug/L	96
33) Benzene	5.769	78	408080	5.112	ug/L	100
34) Trichloroethene	6.537	95	112828	5.187	ug/L	98
35) Methylcyclohexane	6.759	83	142751	4.546	ug/L	96
37) 1,2-Dichloropropane	6.785	63	113045	5.430	ug/L	99
38) Bromodichloromethane	7.100	83	144353	5.371	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	158840	5.192	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	558373	54.106	ug/L	99
42) Toluene	7.965	91	429577	5.198	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	132169	5.420	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	77521	5.591	ug/L	99
47) Tetrachloroethene	8.550	164	75222	5.129	ug/L	98
48) 2-Hexanone	8.682	43	425002	52.863	ug/L	99
49) Dibromochloromethane	8.804	129	88547	5.616	ug/L	98
50) 1,2-Dibromoethane	8.920	107	68593	5.240	ug/L	99
51) Chlorobenzene	9.444	112	281193	5.295	ug/L	99
52) Ethylbenzene	9.566	91	487714	5.314	ug/L	99
53) m,p-Xylene	9.692	106	180357	5.345	ug/L	97
54) o-Xylene	10.097	106	177883	5.428	ug/L	100
55) Styrene	10.110	104	299859	5.500	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	94366	5.574	ug/L	95
59) Bromoform	10.287	173	50468	5.644	ug/L	99
60) Isopropylbenzene	10.479	105	494160	5.338	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	64930	5.272	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	399441	5.255	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	402182	5.360	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	229488	5.450	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	220456	5.219	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	205242	5.313	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	13102	4.980	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	173296	5.466	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	135120	5.233	ug/L	99
71) Naphthalene	14.084	128	178477	4.574	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	111831	5.257	ug/L	94

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

Quant Time: Dec 06 01:39:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 30 22:25:57 2023
Response via : Initial Calibration

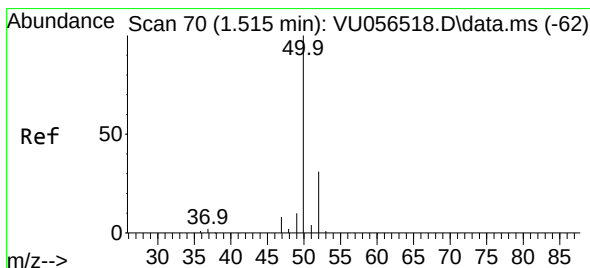
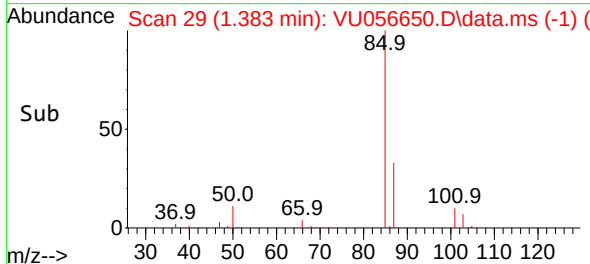
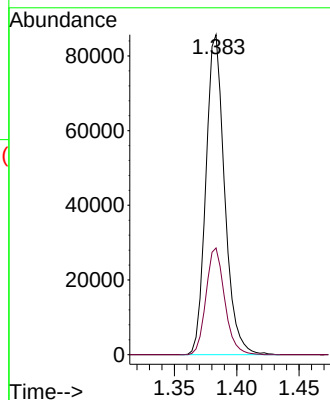
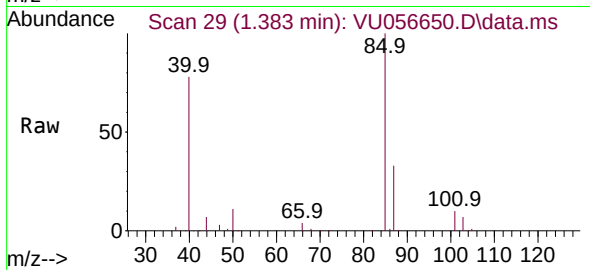




#2
 Dichlorodifluoromethane
 Concen: 3.989 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056650.D
 Acq: 05 Dec 2023 10:43

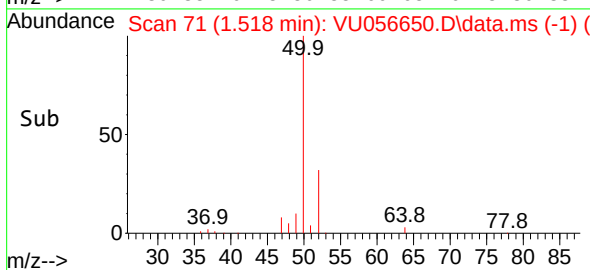
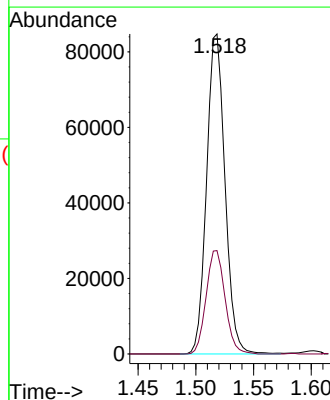
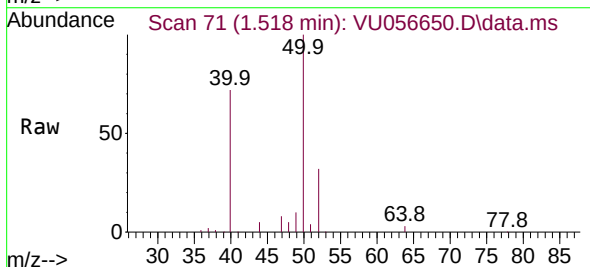
Instrument :
 MSVOA_U
 ClientSampleId :

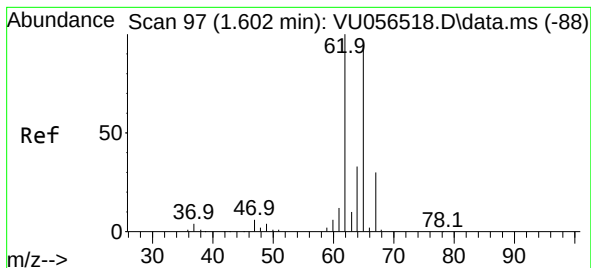
Tgt Ion: 85 Resp: 89732
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.0 37.4



#3
 Chloromethane
 Concen: 4.077 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU056650.D
 Acq: 05 Dec 2023 10:43

Tgt Ion: 50 Resp: 93724
 Ion Ratio Lower Upper
 50 100
 52 32.3 24.3 45.1





#5

Vinyl chloride

Concen: 4.356 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

Instrument :

MSVOA_U

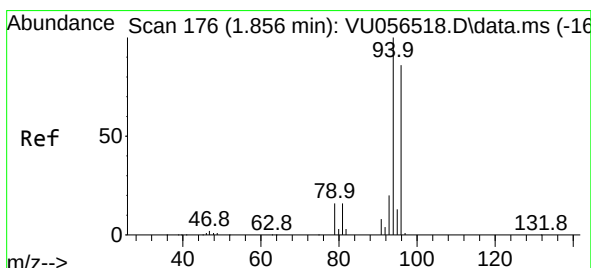
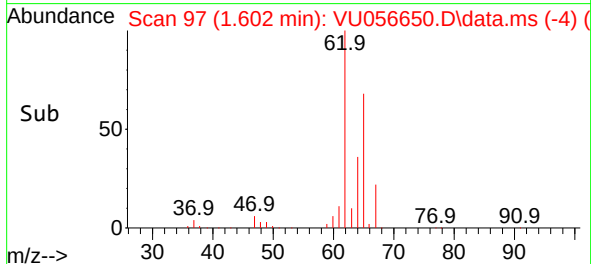
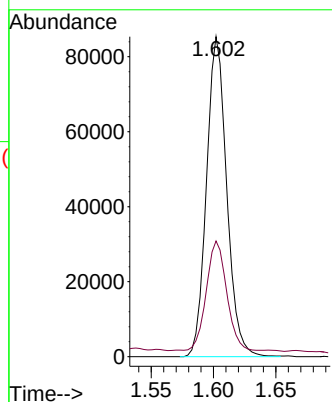
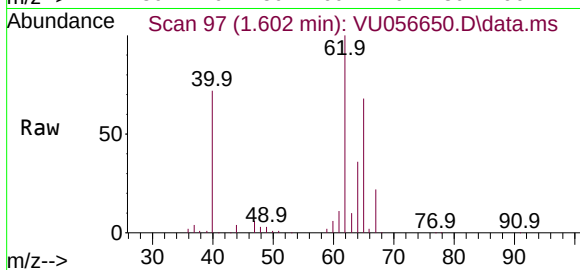
ClientSampleId :

Tgt Ion: 62 Resp: 96479

Ion Ratio Lower Upper

62 100

64 36.2 23.3 43.3



#6

Bromomethane

Concen: 4.829 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU056650.D

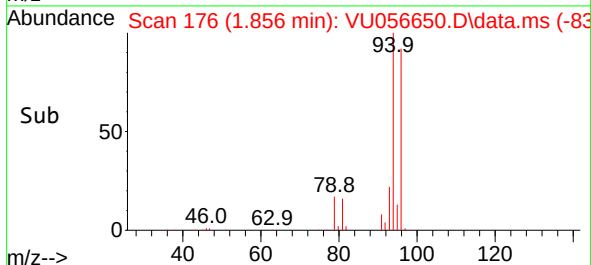
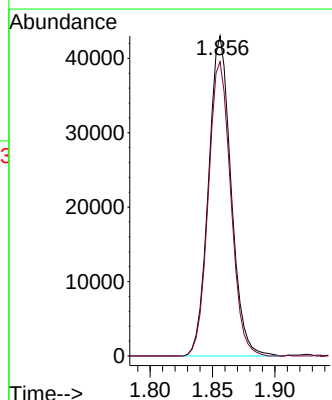
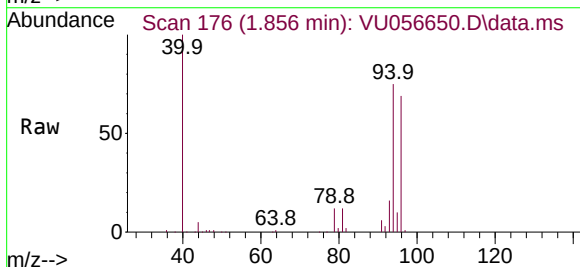
Acq: 05 Dec 2023 10:43

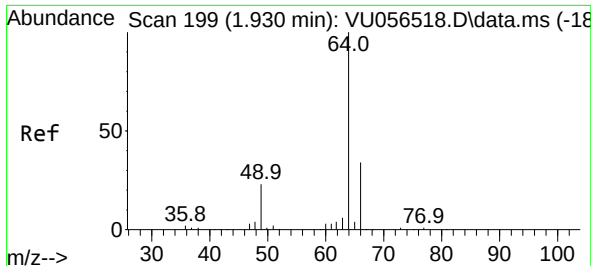
Tgt Ion: 94 Resp: 54141

Ion Ratio Lower Upper

94 100

96 92.0 62.6 116.2

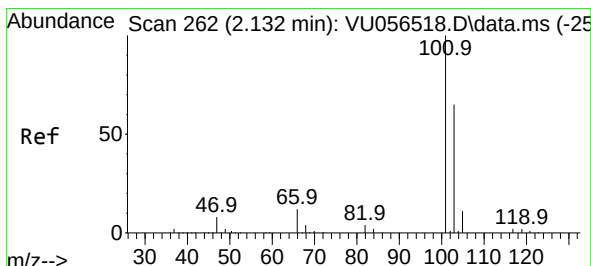
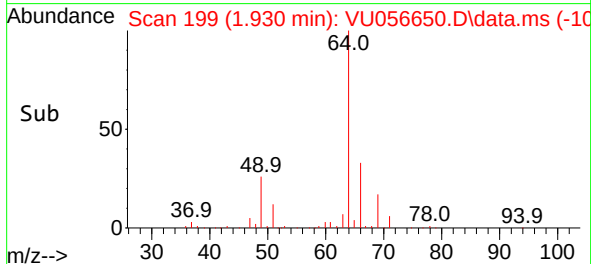
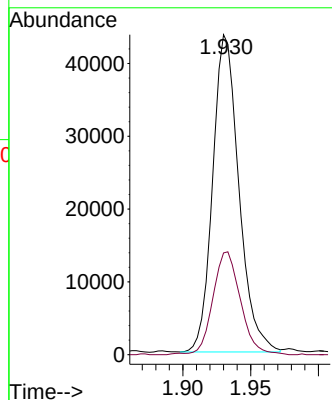
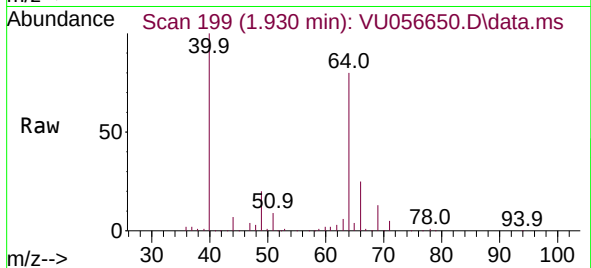




#8
Chloroethane
Concen: 4.336 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

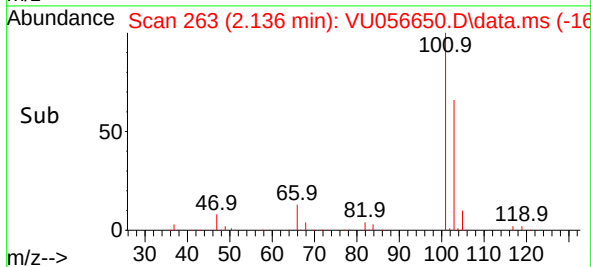
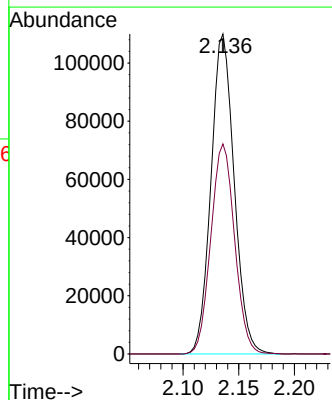
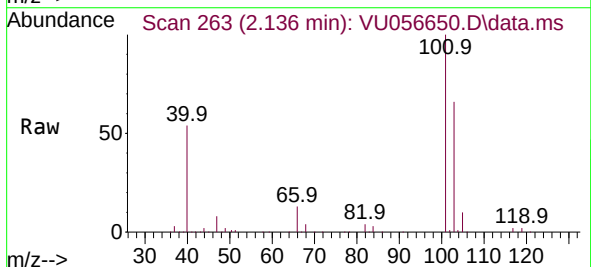
Instrument :
MSVOA_U
ClientSampleId :

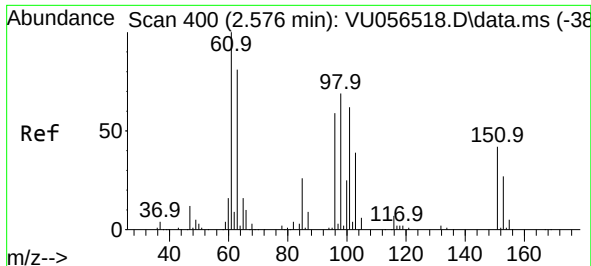
Tgt Ion: 64 Resp: 58672
Ion Ratio Lower Upper
64 100
66 31.8 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.986 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Tgt Ion:101 Resp: 159162
Ion Ratio Lower Upper
101 100
103 67.2 52.0 78.0

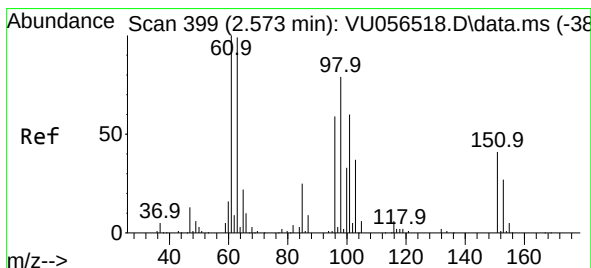
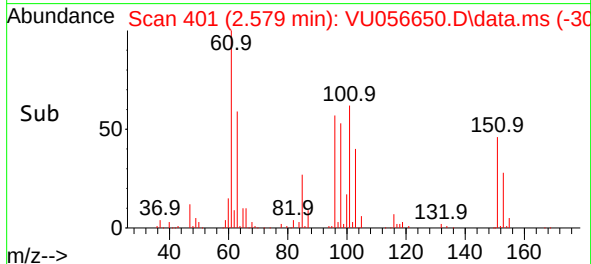
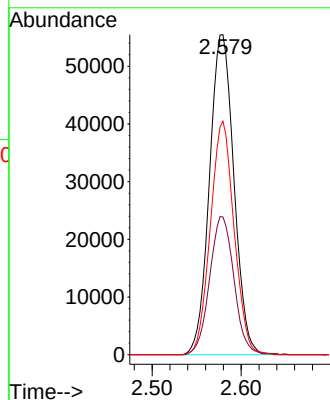
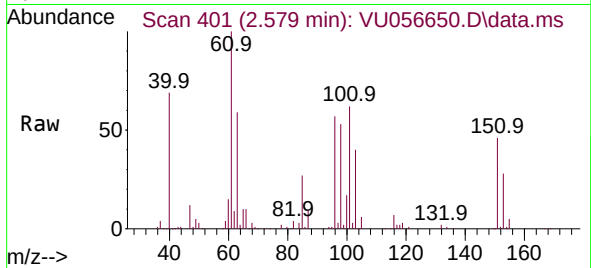




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.577 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

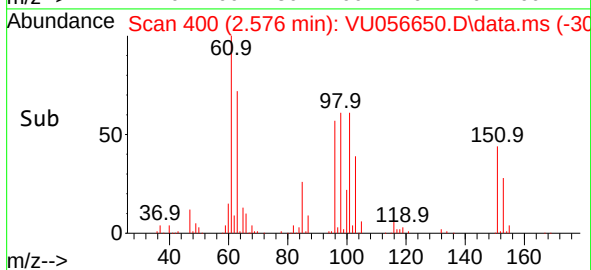
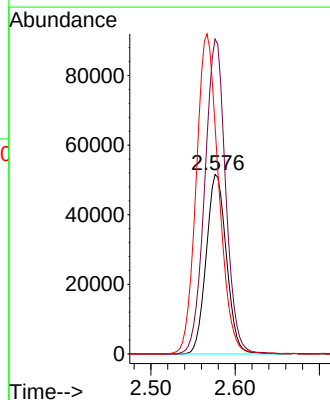
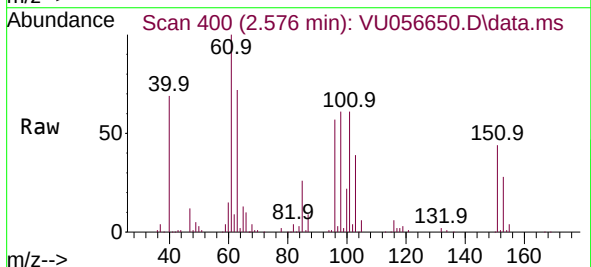
Instrument :
MSVOA_U
ClientSampleId :

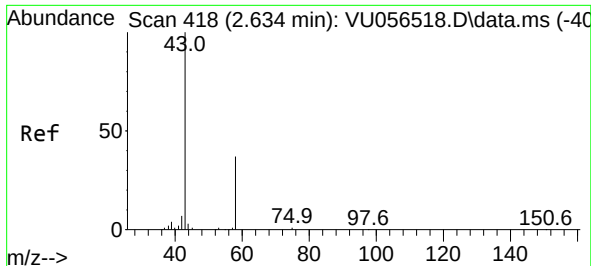
Tgt Ion:101 Resp: 105686
Ion Ratio Lower Upper
101 100
85 42.9 35.4 53.0
151 70.9 58.0 87.0



#12
1,1-Dichloroethene
Concen: 4.958 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Tgt Ion: 96 Resp: 86178
Ion Ratio Lower Upper
96 100
61 175.5 123.1 228.7
63 126.9 93.3 173.3





#13

Acetone

Concen: 49.253 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

Instrument :

MSVOA_U

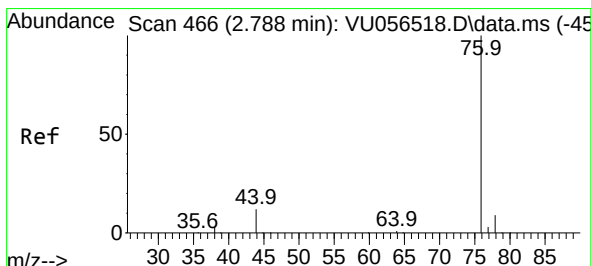
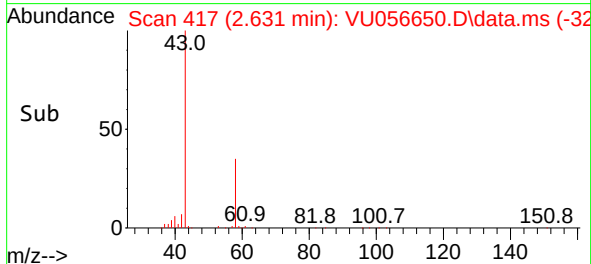
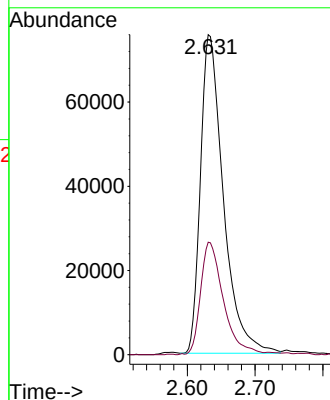
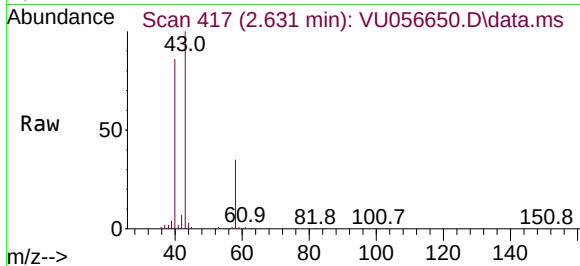
ClientSampleId :

Tgt Ion: 43 Resp: 177650

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.0



#14

Carbon disulfide

Concen: 3.712 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU056650.D

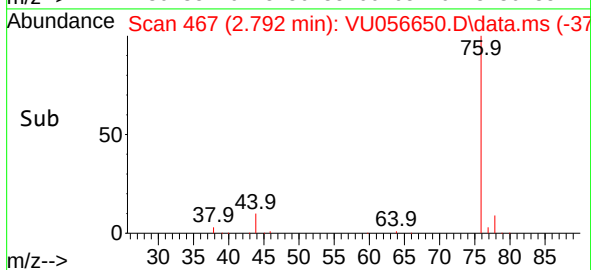
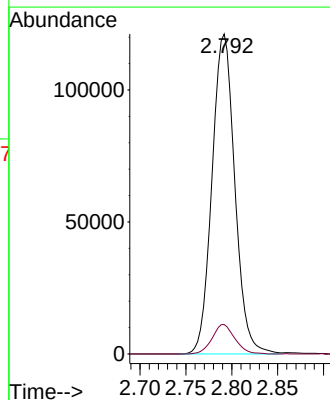
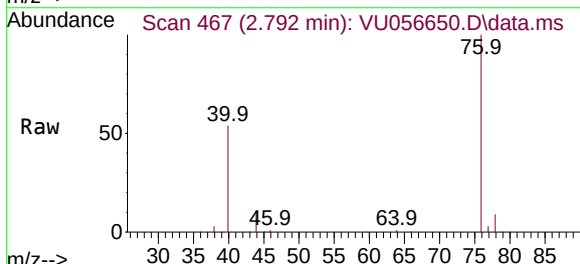
Acq: 05 Dec 2023 10:43

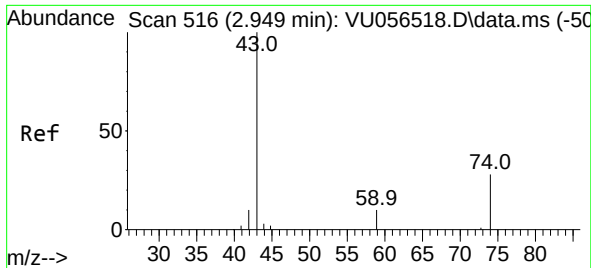
Tgt Ion: 76 Resp: 209978

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2

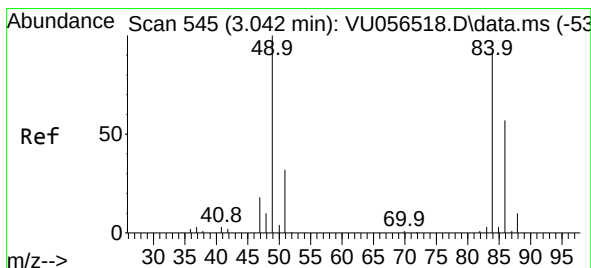
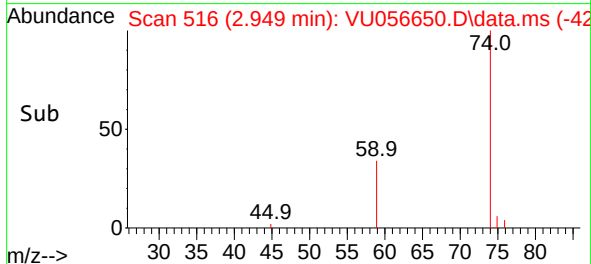
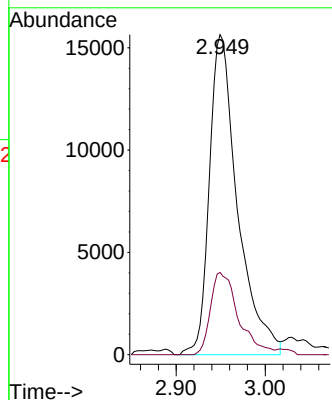
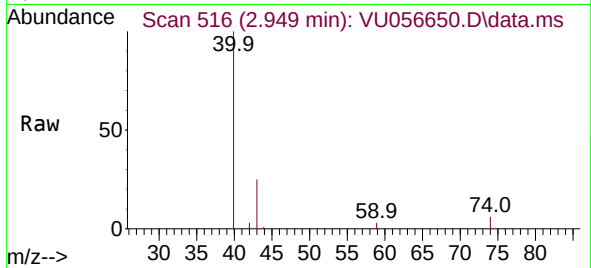




#15
Methyl Acetate
Concen: 5.354 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

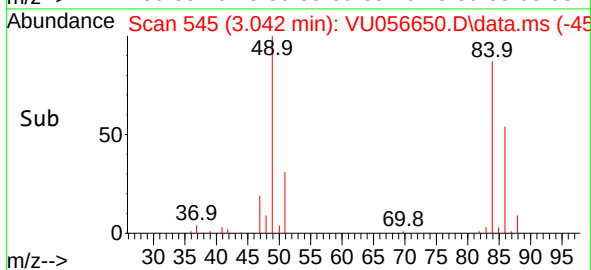
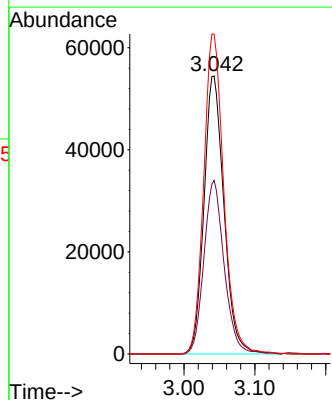
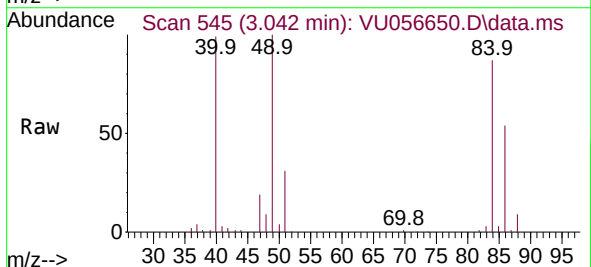
Instrument :
MSVOA_U
ClientSampleId :

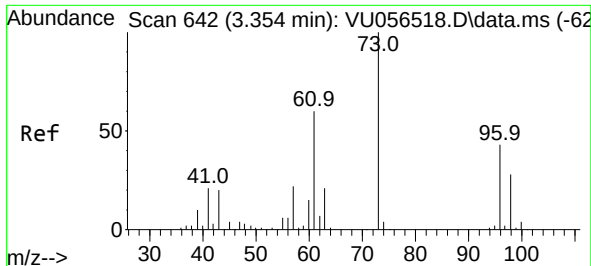
Tgt Ion: 43 Resp: 34368
Ion Ratio Lower Upper
43 100
74 25.4 20.6 31.0



#16
Methylene chloride
Concen: 4.632 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Tgt Ion: 84 Resp: 106553
Ion Ratio Lower Upper
84 100
86 62.4 44.7 83.1
49 115.1 81.8 152.0

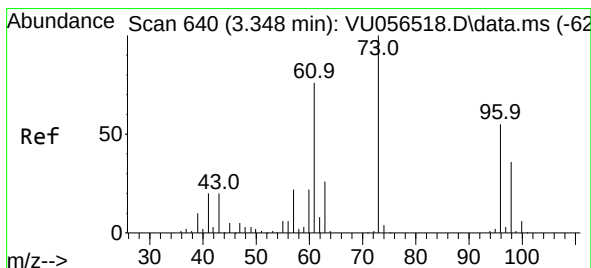
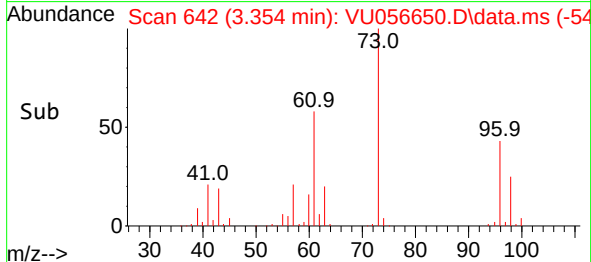
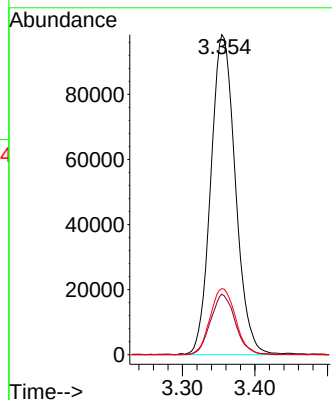
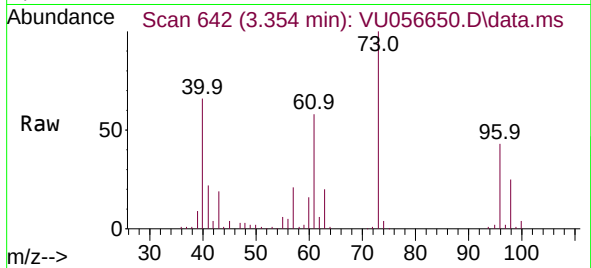




#17
Methyl tert-butyl Ether
Concen: 5.482 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

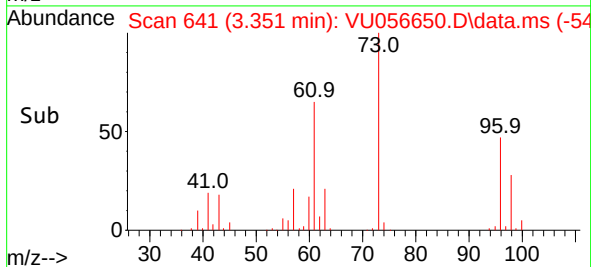
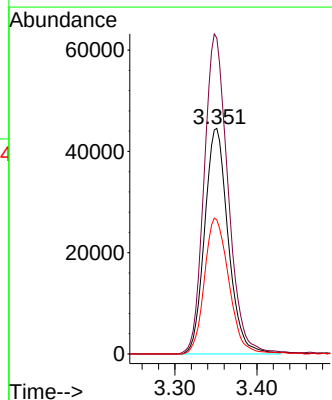
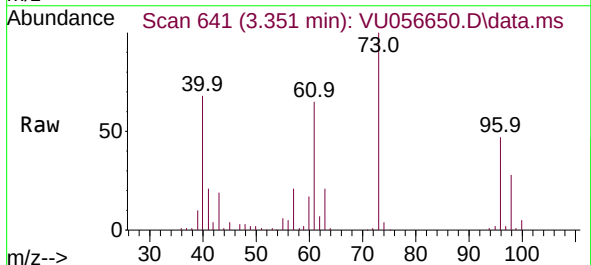
Instrument :
MSVOA_U
ClientSampleId :

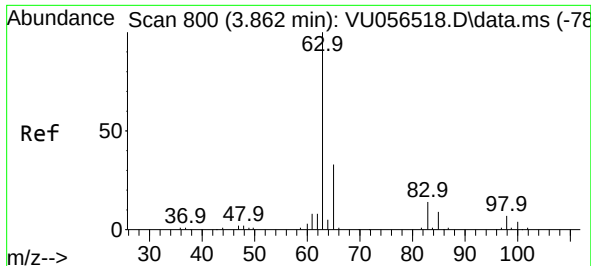
Tgt Ion: 73 Resp: 231506
Ion Ratio Lower Upper
73 100
43 19.0 15.1 22.7
57 21.4 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.975 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Tgt Ion: 96 Resp: 88979
Ion Ratio Lower Upper
96 100
61 140.0 101.7 188.9
98 59.4 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.456 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

Instrument :

MSVOA_U

ClientSampleId :

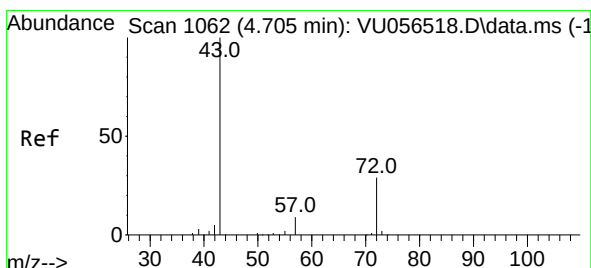
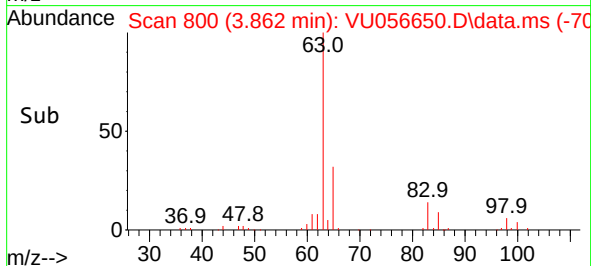
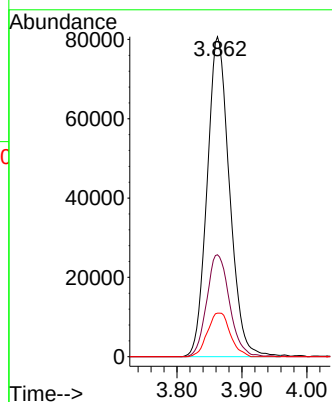
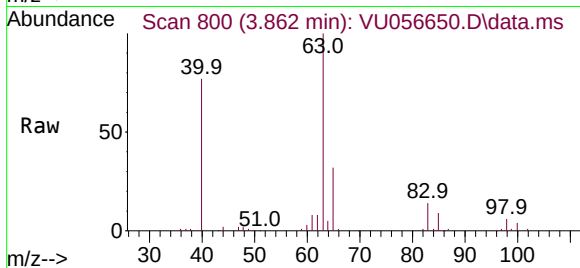
Tgt Ion: 63 Resp: 193270

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

83 13.6 9.7 17.9



#21

2-Butanone

Concen: 50.801 ug/L

RT: 4.702 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VU056650.D

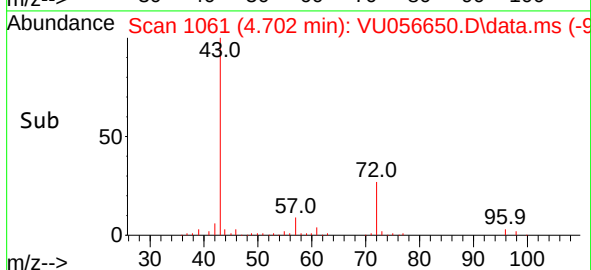
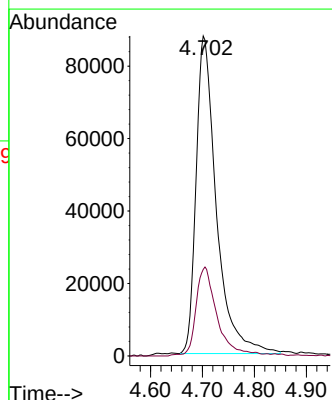
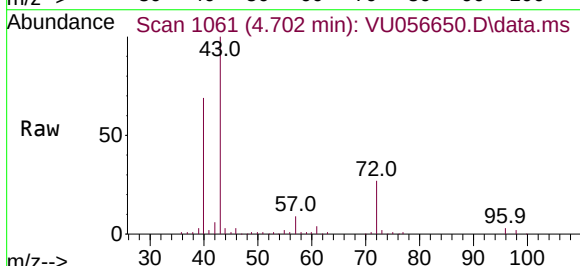
Acq: 05 Dec 2023 10:43

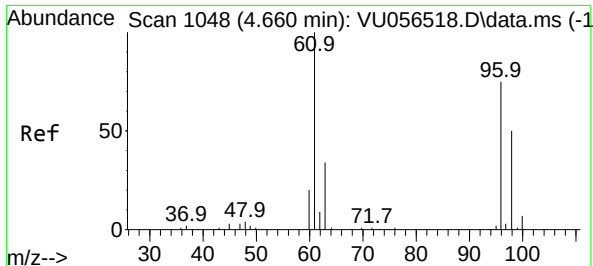
Tgt Ion: 43 Resp: 237761

Ion Ratio Lower Upper

43 100

72 28.5 14.2 42.6

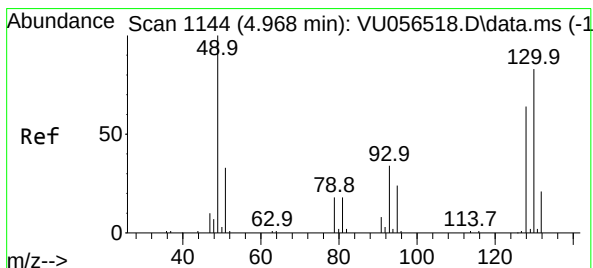
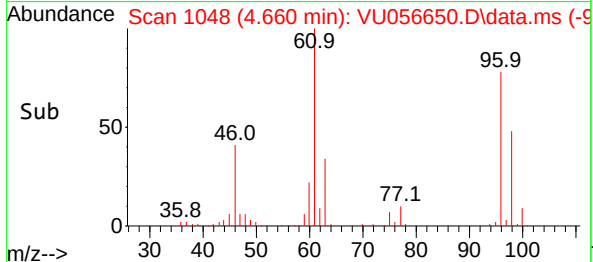
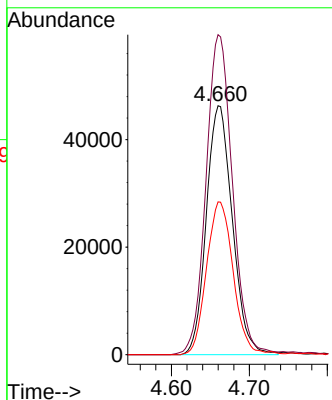
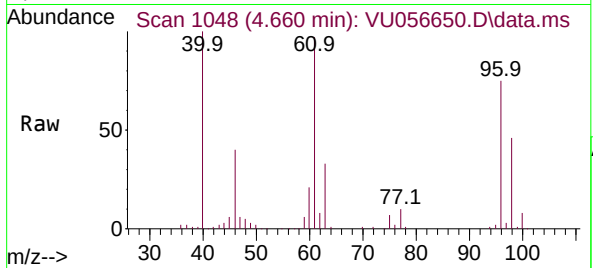




#22
 cis-1,2-Dichloroethene
 Concen: 5.309 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056650.D
 Acq: 05 Dec 2023 10:43

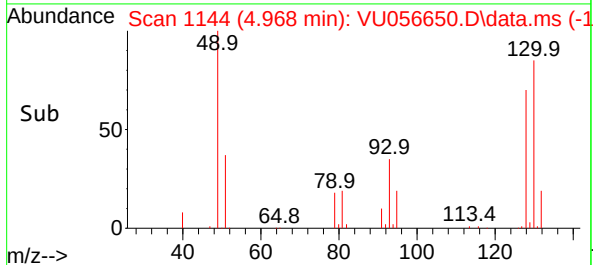
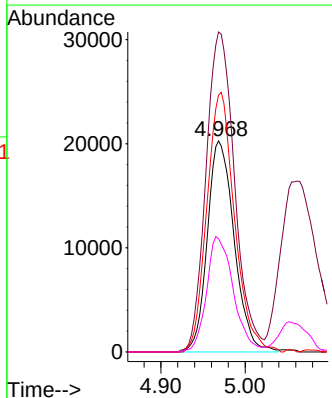
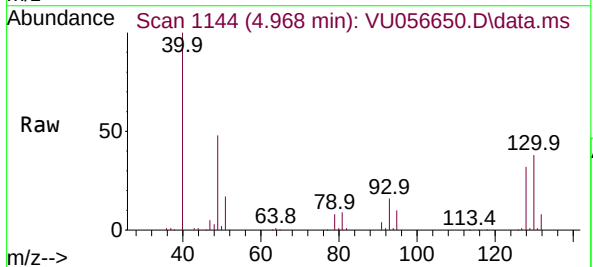
Instrument :
 MSVOA_U
 ClientSampleId :

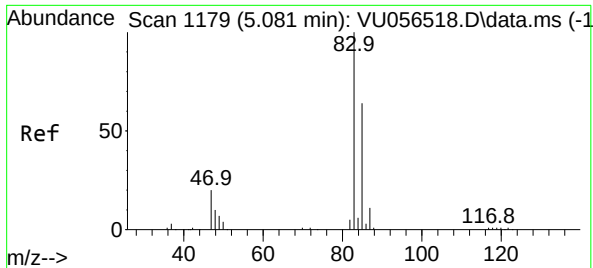
Tgt Ion: 96 Resp: 107678
 Ion Ratio Lower Upper
 96 100
 61 128.6 93.2 173.2
 98 61.4 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.390 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056650.D
 Acq: 05 Dec 2023 10:43

Tgt Ion: 128 Resp: 44997
 Ion Ratio Lower Upper
 128 100
 49 151.7 113.4 210.6
 130 121.7 84.8 157.6
 51 53.8 39.8 59.6

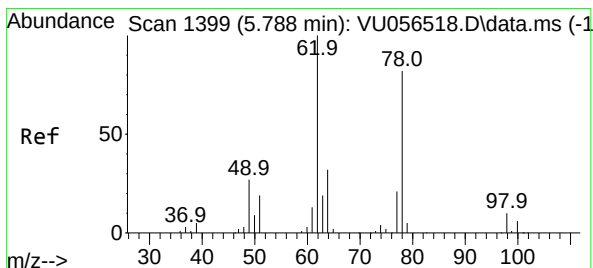
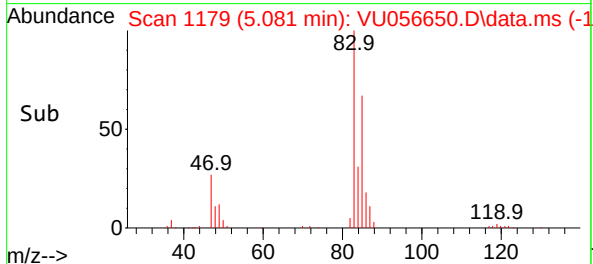
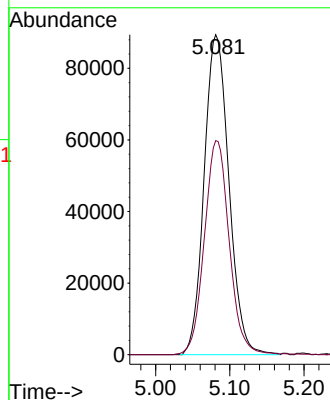
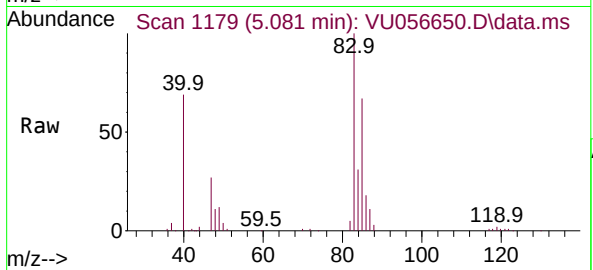




#25
Chloroform
Concen: 5.403 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

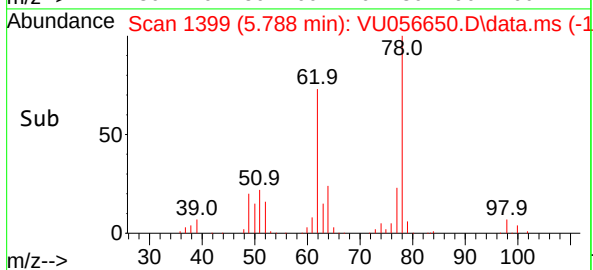
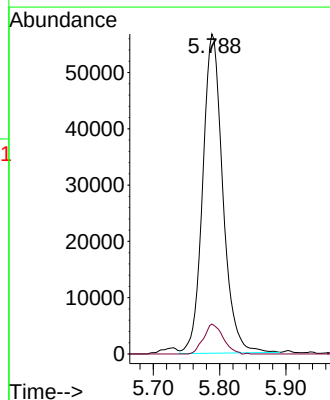
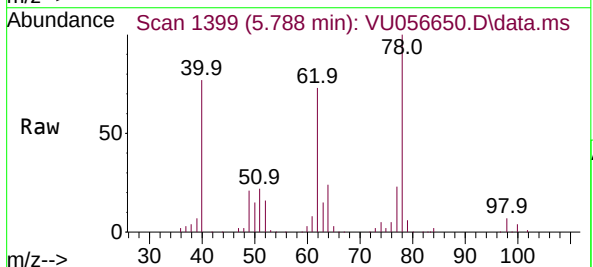
Instrument :
MSVOA_U
ClientSampleId :

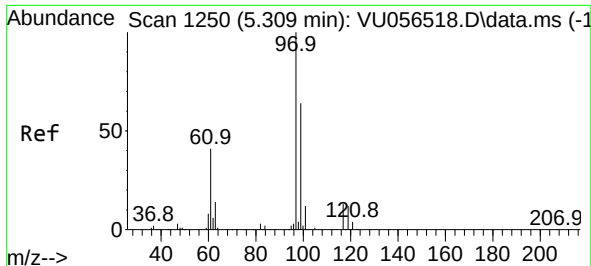
Tgt Ion: 83 Resp: 207391
Ion Ratio Lower Upper
83 100
85 66.9 47.0 87.2



#27
1,2-Dichloroethane
Concen: 5.480 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

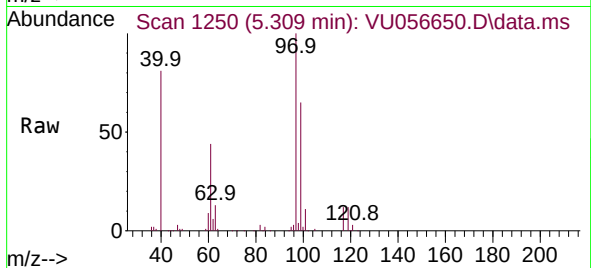
Tgt Ion: 62 Resp: 119420
Ion Ratio Lower Upper
62 100
98 9.4 6.6 10.0



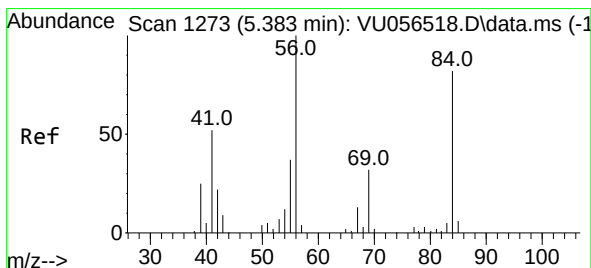
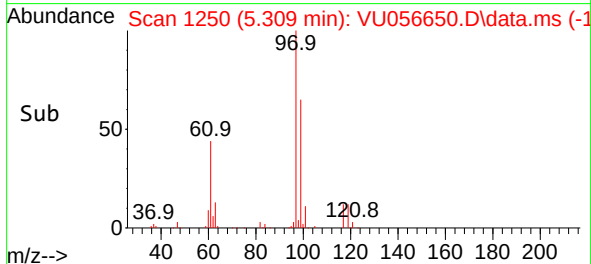
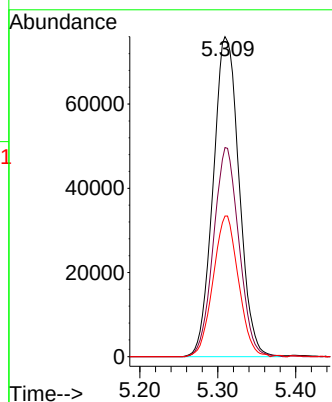


#29
1,1,1-Trichloroethane
Concen: 5.480 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Instrument :
MSVOA_U
ClientSampleId :

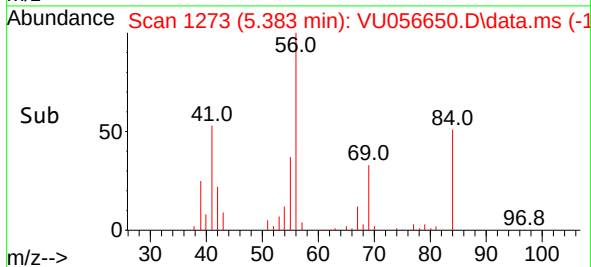
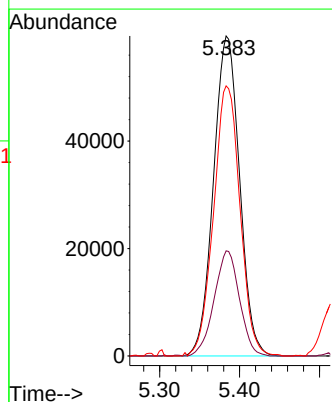
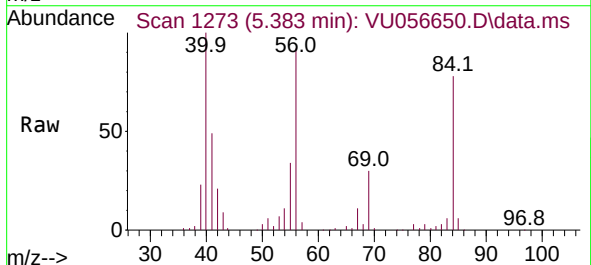


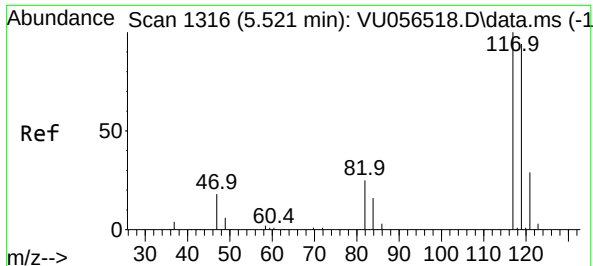
Tgt Ion: 97 Resp: 175984
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 43.0 34.3 51.5



#30
Cyclohexane
Concen: 4.425 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Tgt Ion: 56 Resp: 134883
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.2
84 85.5 68.6 103.0

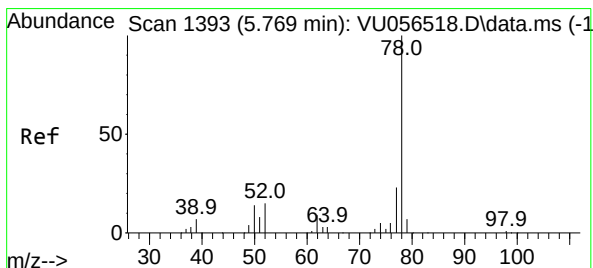
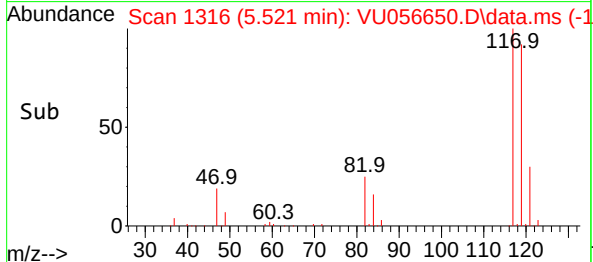
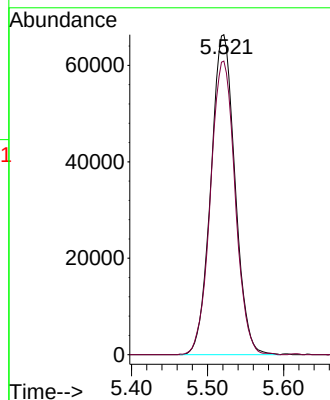
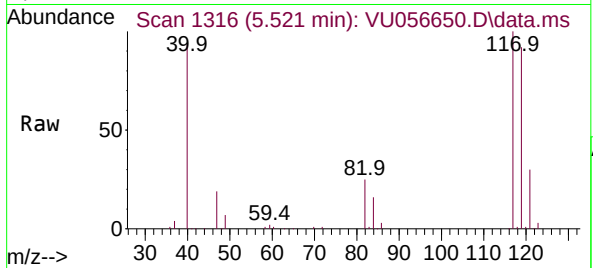




#31
Carbon tetrachloride
Concen: 5.303 ug/L
RT: 5.521 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

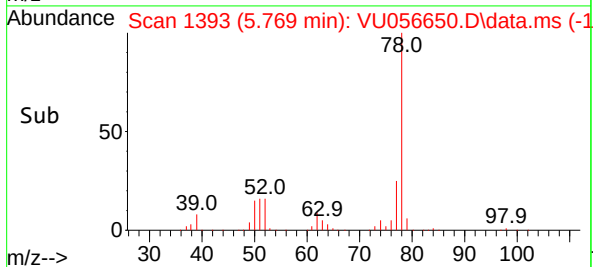
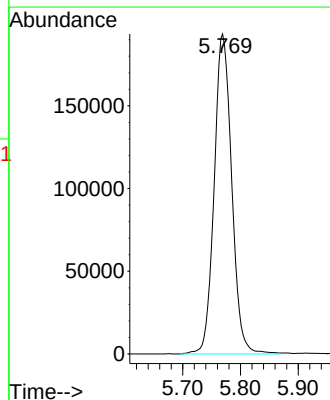
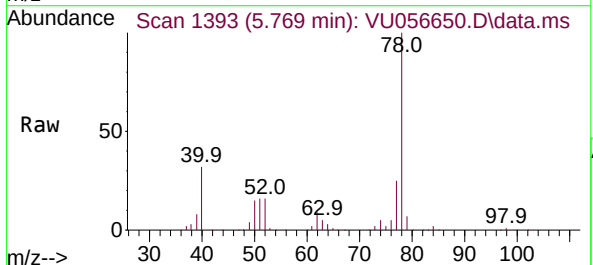
Instrument :
MSVOA_U
ClientSampleId :

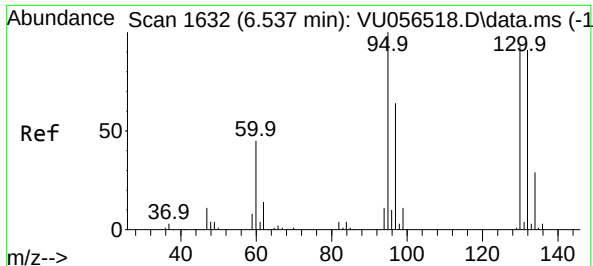
Tgt Ion:117 Resp: 146286
Ion Ratio Lower Upper
117 100
119 93.7 78.1 117.1



#33
Benzene
Concen: 5.112 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Tgt Ion: 78 Resp: 408080

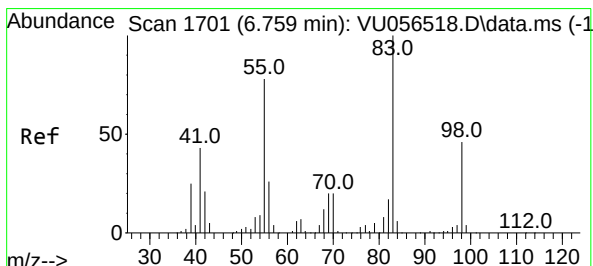
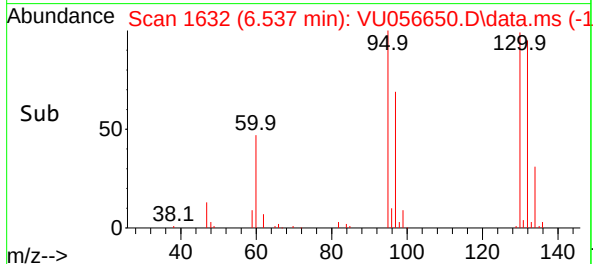
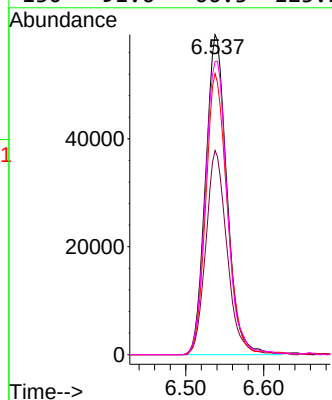
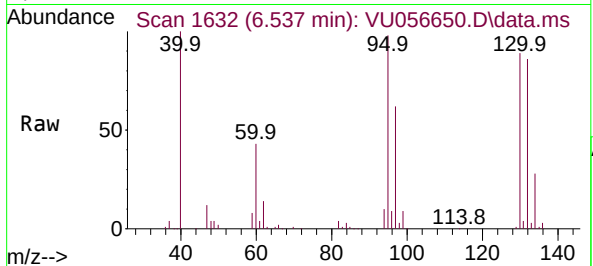




#34
Trichloroethene
Concen: 5.187 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

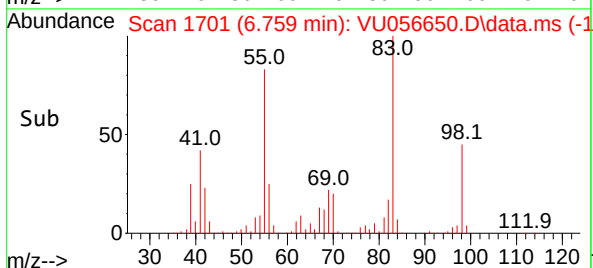
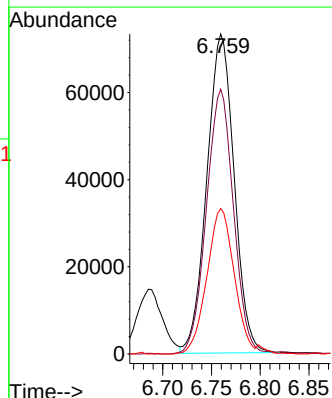
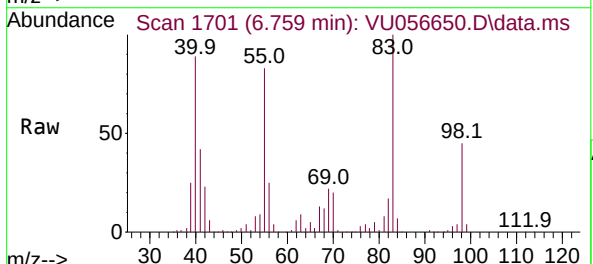
Instrument :
MSVOA_U
ClientSampleId :

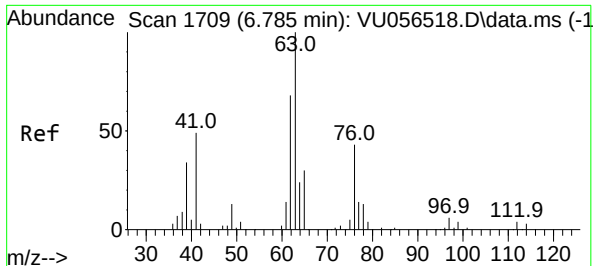
Tgt Ion: 95 Resp: 112828
Ion Ratio Lower Upper
95 100
97 63.8 46.5 86.3
132 87.9 62.0 115.2
130 91.6 66.3 123.1



#35
Methylcyclohexane
Concen: 4.546 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Tgt Ion: 83 Resp: 142751
Ion Ratio Lower Upper
83 100
55 82.5 62.9 94.3
98 45.4 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.430 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

Instrument :

MSVOA_U

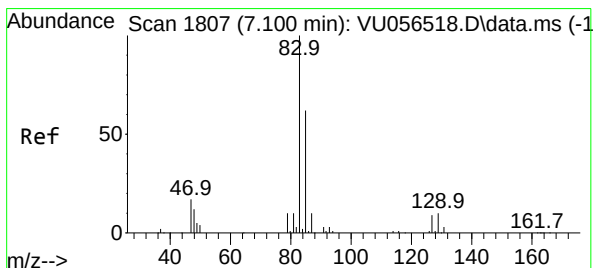
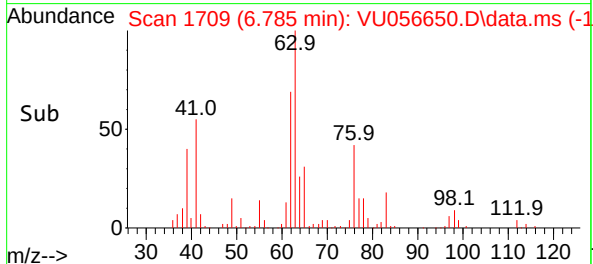
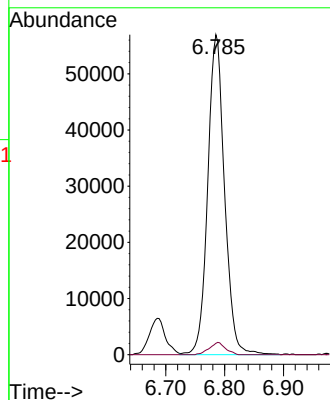
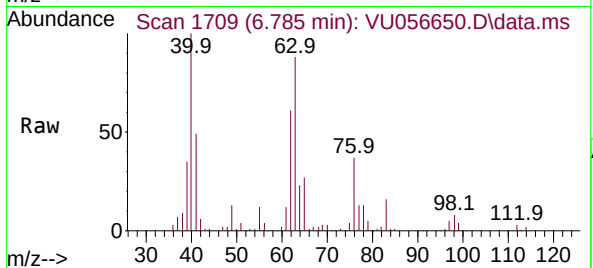
ClientSampleId :

Tgt Ion: 63 Resp: 113045

Ion Ratio Lower Upper

63 100

112 3.7 3.2 4.8



#38

Bromodichloromethane

Concen: 5.371 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

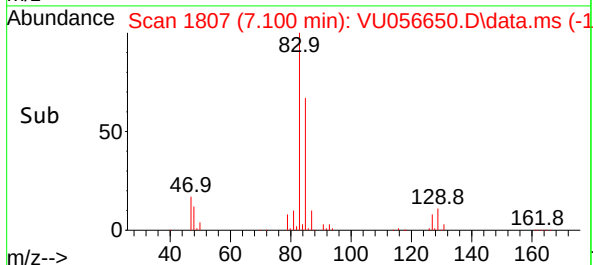
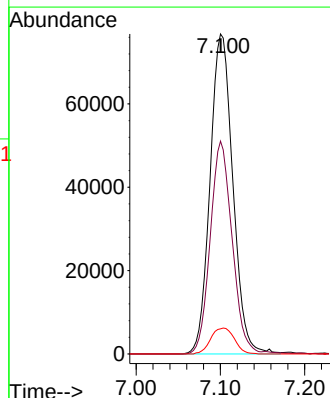
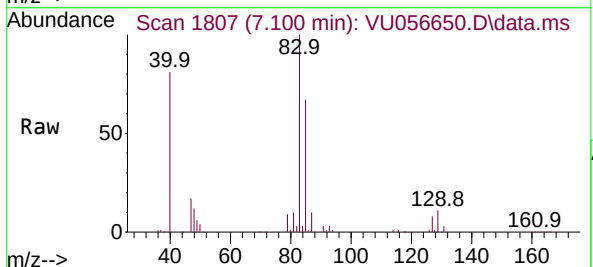
Tgt Ion: 83 Resp: 144353

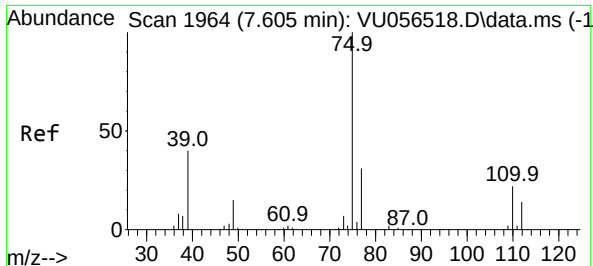
Ion Ratio Lower Upper

83 100

85 66.5 44.9 83.5

127 7.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.192 ug/L

RT: 7.602 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

Instrument :

MSVOA_U

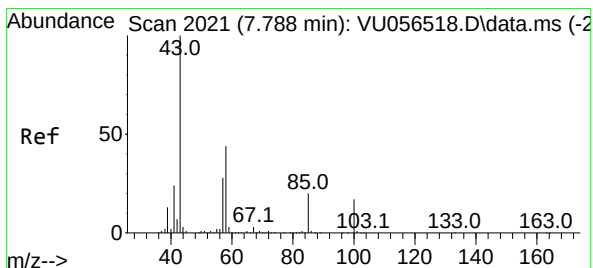
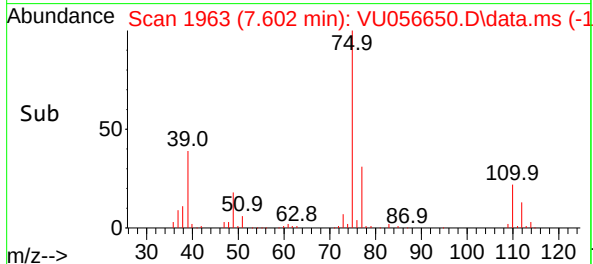
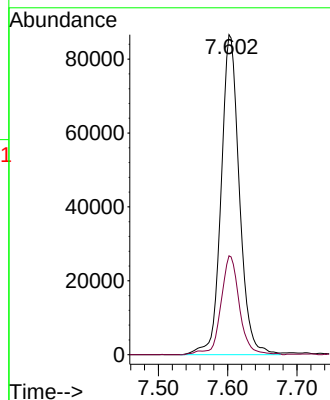
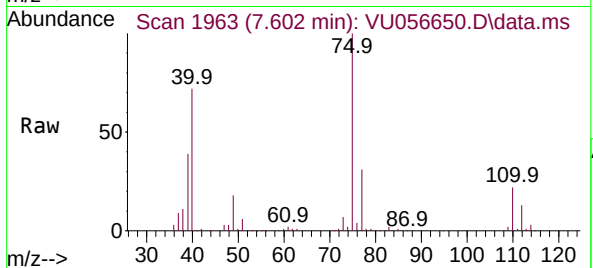
ClientSampleId :

Tgt Ion: 75 Resp: 158840

Ion Ratio Lower Upper

75 100

77 30.9 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 54.106 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

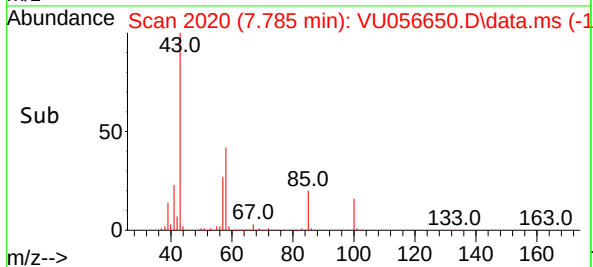
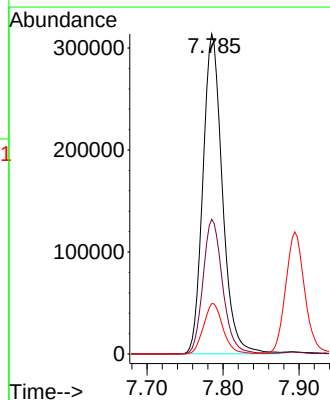
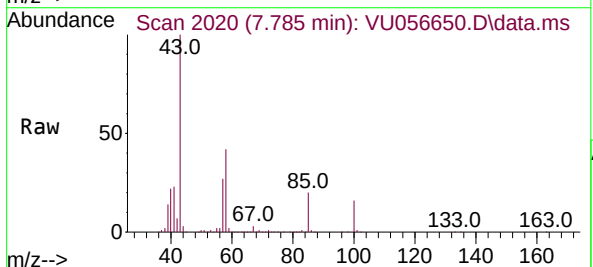
Tgt Ion: 43 Resp: 558373

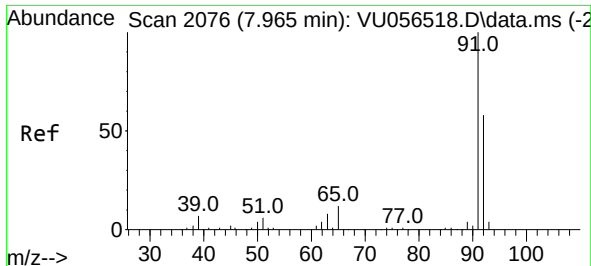
Ion Ratio Lower Upper

43 100

58 42.6 33.8 50.8

100 15.8 13.0 19.4

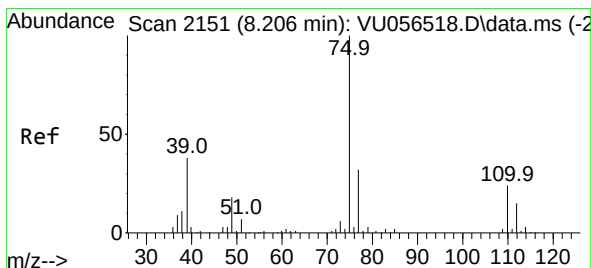
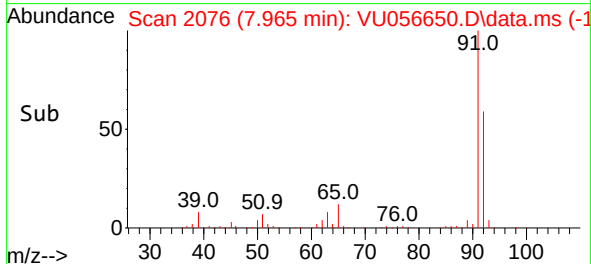
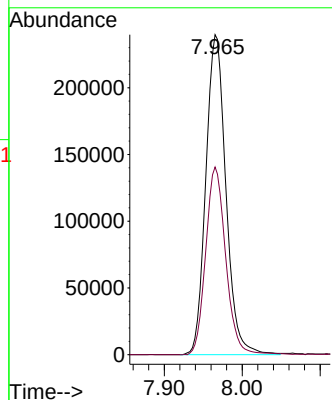
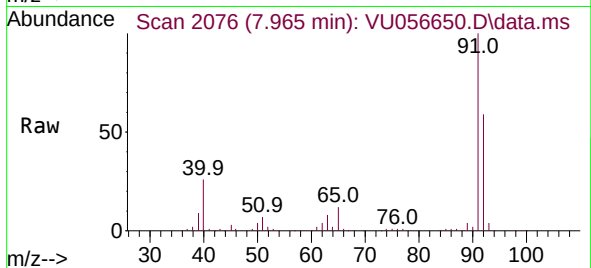




#42
Toluene
Concen: 5.198 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

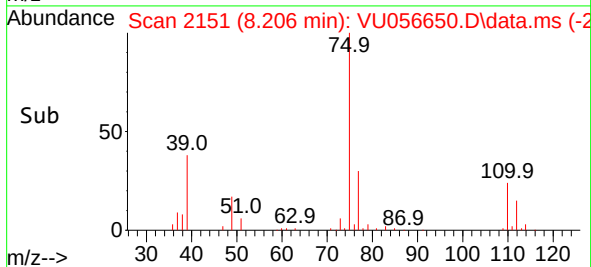
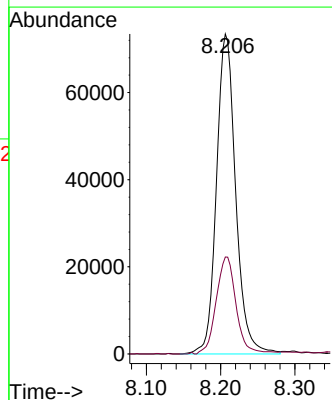
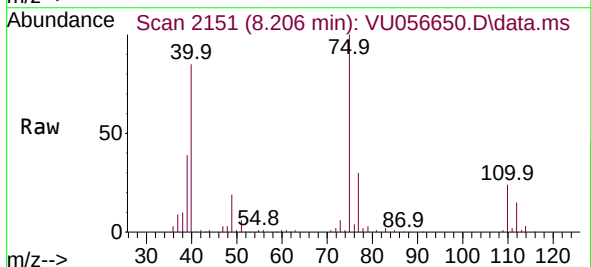
Instrument :
MSVOA_U
ClientSampleId :

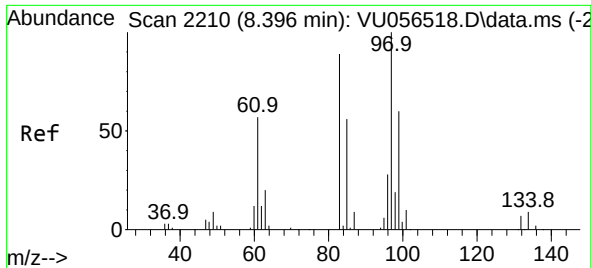
Tgt Ion: 91 Resp: 429577
Ion Ratio Lower Upper
91 100
92 58.7 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.420 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

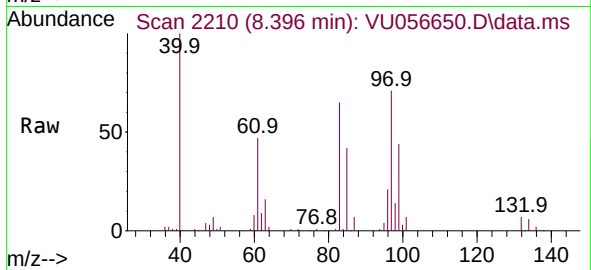
Tgt Ion: 75 Resp: 132169
Ion Ratio Lower Upper
75 100
77 30.3 22.8 42.4



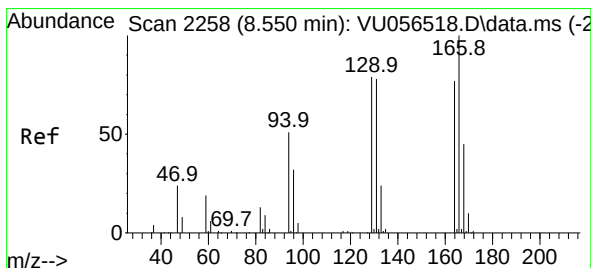
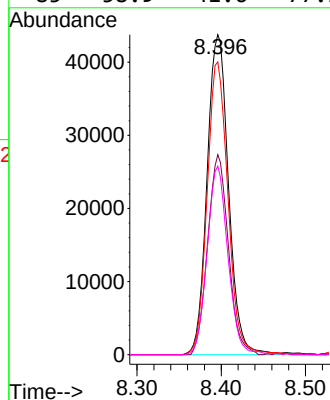
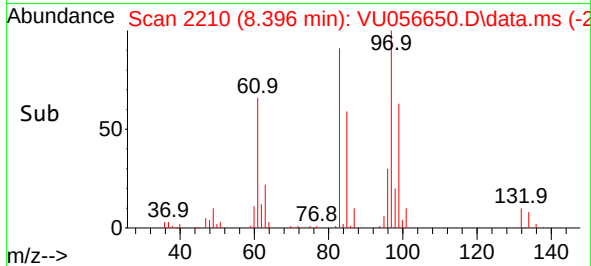


#45
1,1,2-Trichloroethane
Concen: 5.591 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

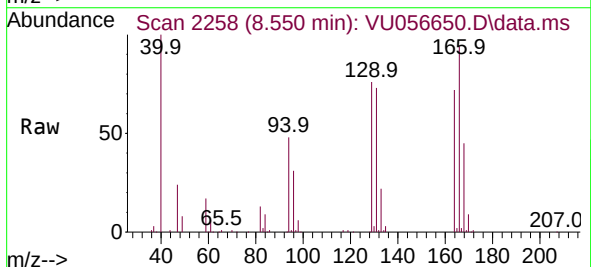
Instrument :
MSVOA_U
ClientSampleId :



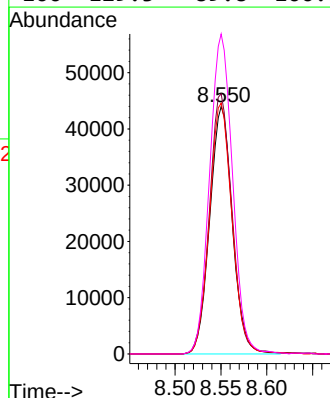
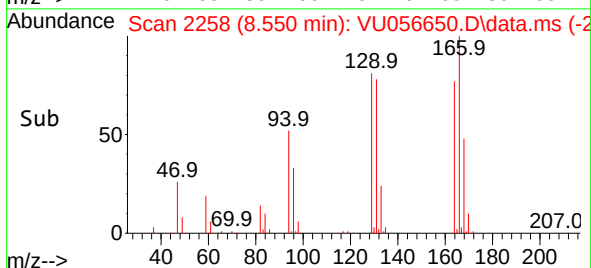
Tgt Ion:	97	Resp:	77521
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.3	82.3
83	91.5	65.4	121.4
85	58.9	41.6	77.3

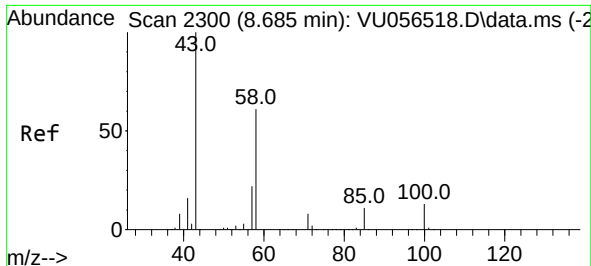


#47
Tetrachloroethene
Concen: 5.129 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43



Tgt Ion:	164	Resp:	75222
Ion	Ratio	Lower	Upper
164	100		
129	105.2	71.0	131.9
131	101.4	70.3	130.7
166	129.3	89.8	166.8

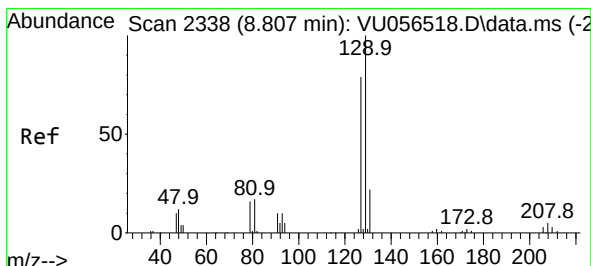
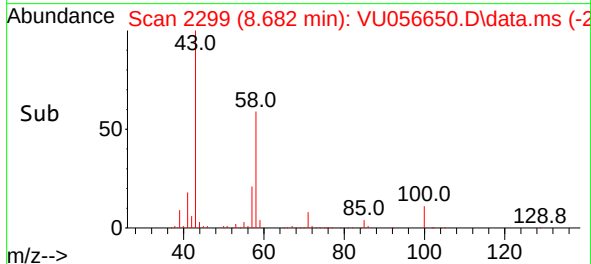
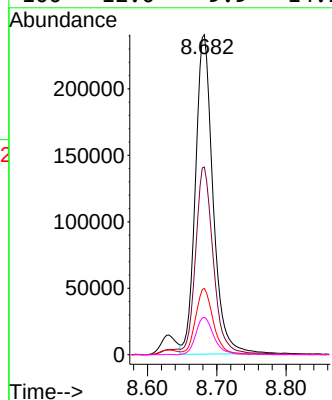
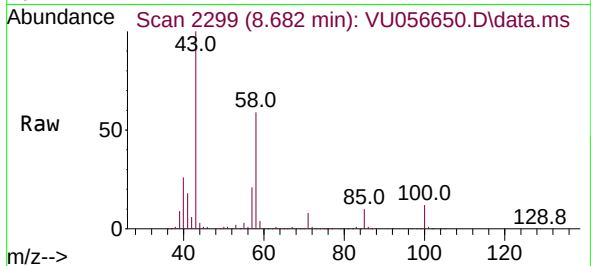




#48
2-Hexanone
Concen: 52.863 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

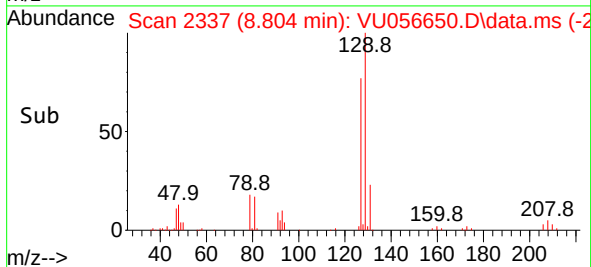
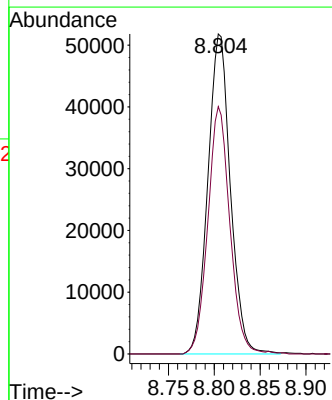
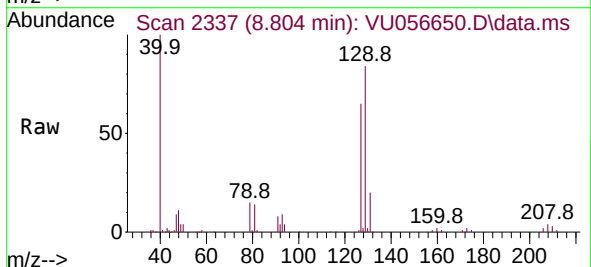
Instrument :
MSVOA_U
ClientSampleId :

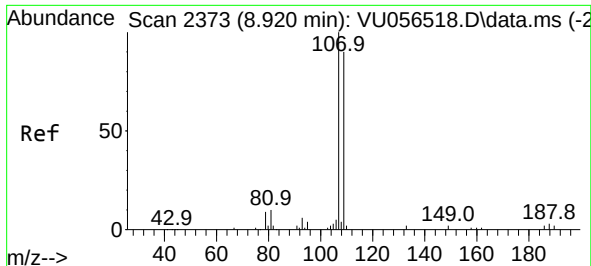
Tgt Ion: 43	Resp: 425002
Ion Ratio	Lower Upper
43 100	
58 61.4	48.7 73.1
57 21.1	16.8 25.2
100 12.0	9.9 14.9



#49
Dibromochloromethane
Concen: 5.616 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

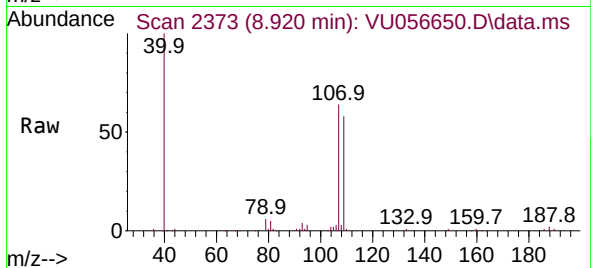
Tgt Ion:129	Resp:	88547	
Ion	Ratio	Lower	Upper
129	100		
127	77.3	52.9	98.3



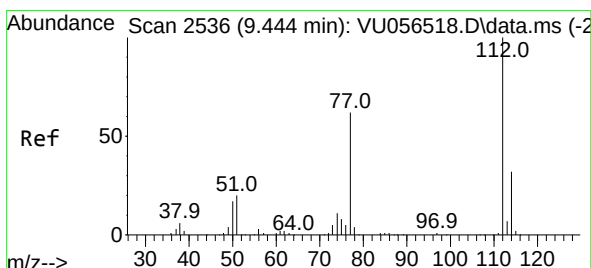
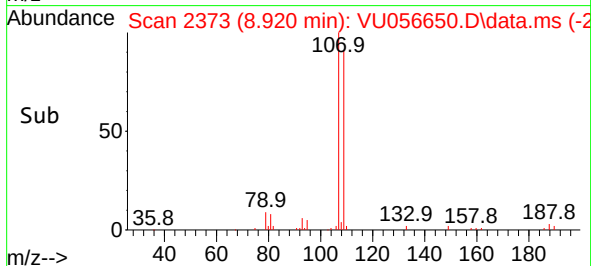
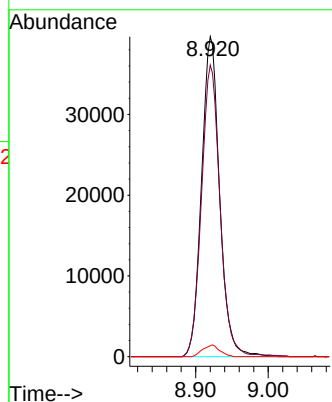


#50
1,2-Dibromoethane
Concen: 5.240 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Instrument :
MSVOA_U
ClientSampleId :

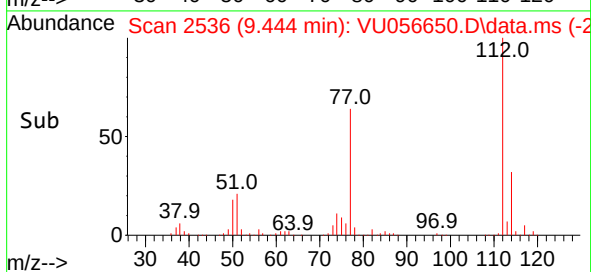
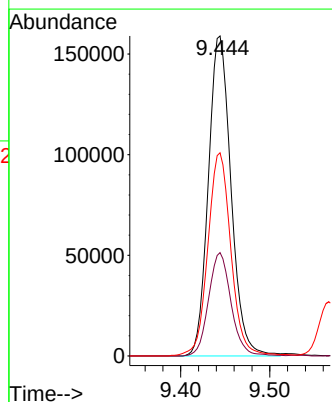
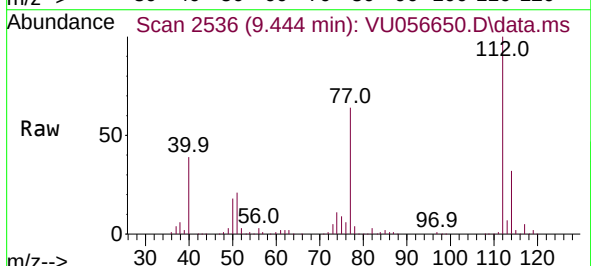


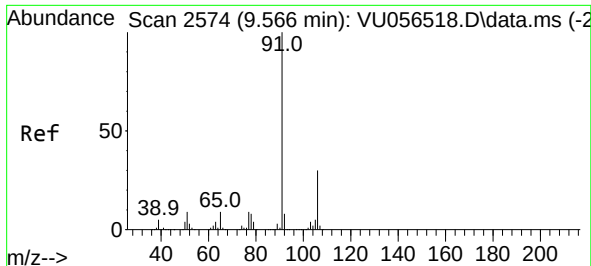
Tgt Ion:107 Resp: 68593
Ion Ratio Lower Upper
107 100
109 91.1 64.2 119.2
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 5.295 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Tgt Ion:112 Resp: 281193
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.7
77 63.5 51.7 77.5

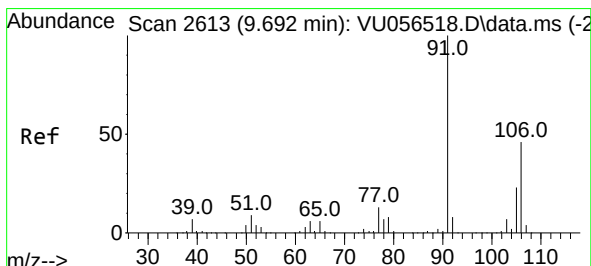
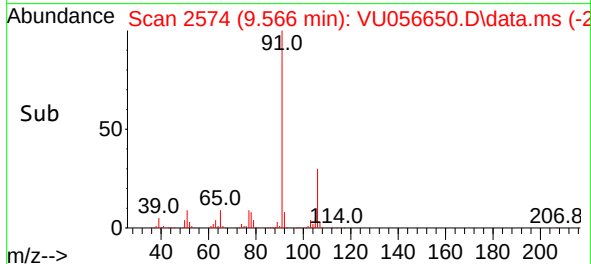
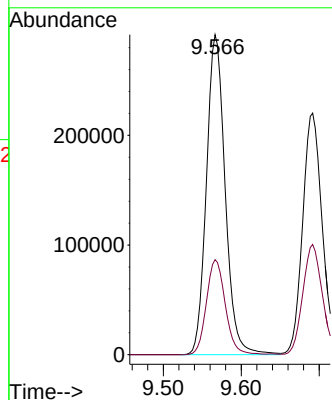
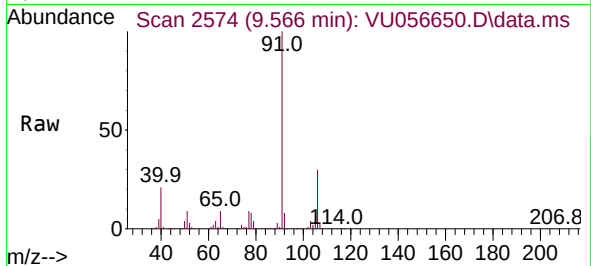




#52
Ethylbenzene
Concen: 5.314 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

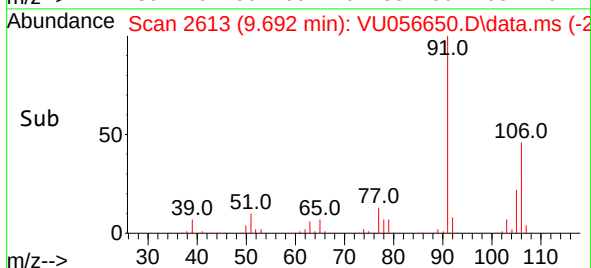
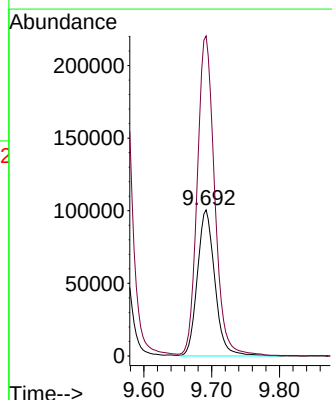
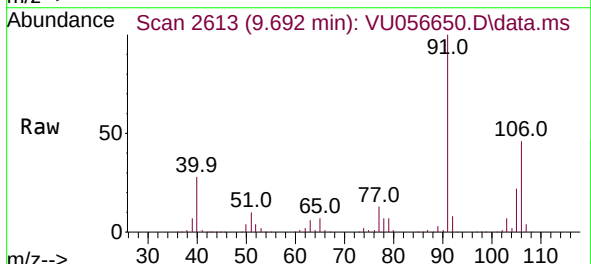
Instrument :
MSVOA_U
ClientSampleId :

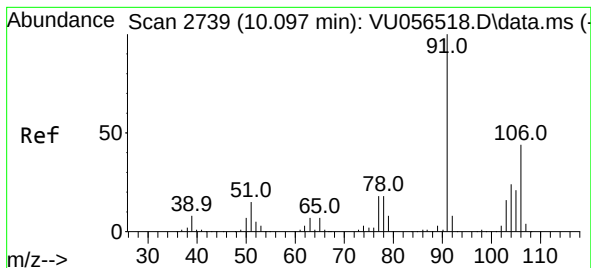
Tgt Ion: 91 Resp: 487714
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.1



#53
m,p-Xylene
Concen: 5.345 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Tgt Ion:106 Resp: 180357
Ion Ratio Lower Upper
106 100
91 219.0 149.6 277.8





#54

o-Xylene

Concen: 5.428 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

Instrument :

MSVOA_U

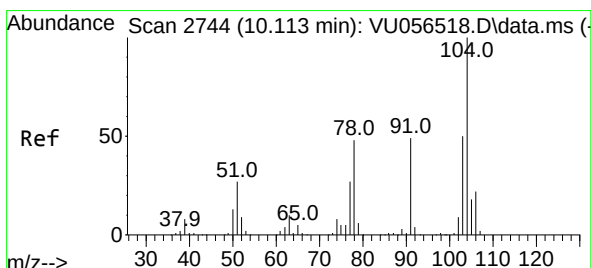
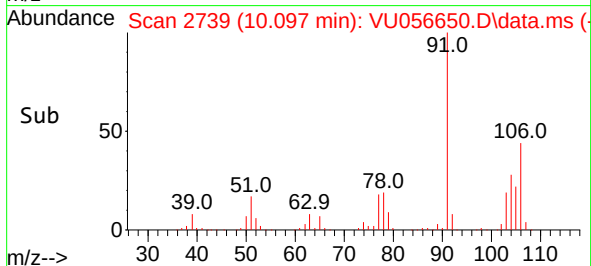
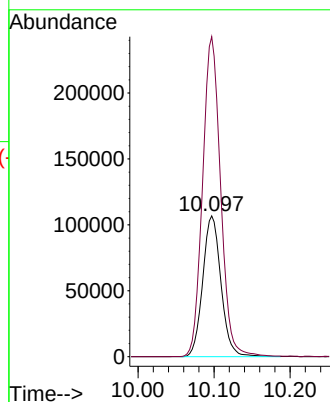
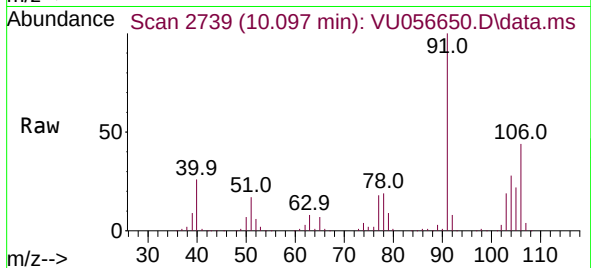
ClientSampleId :

Tgt Ion:106 Resp: 177883

Ion Ratio Lower Upper

106 100

91 227.2 159.3 295.9



#55

Styrene

Concen: 5.500 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU056650.D

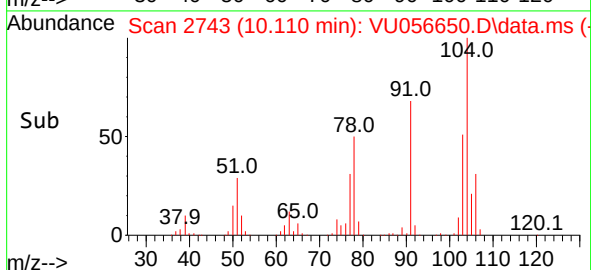
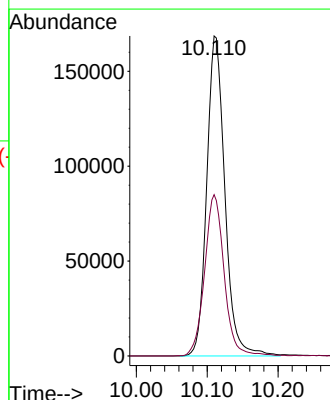
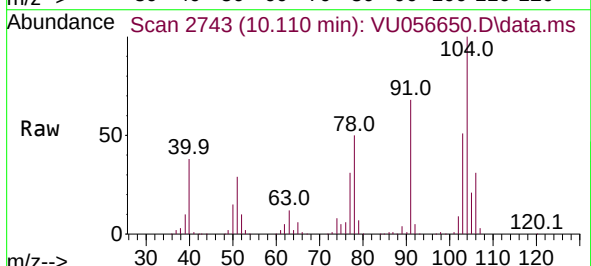
Acq: 05 Dec 2023 10:43

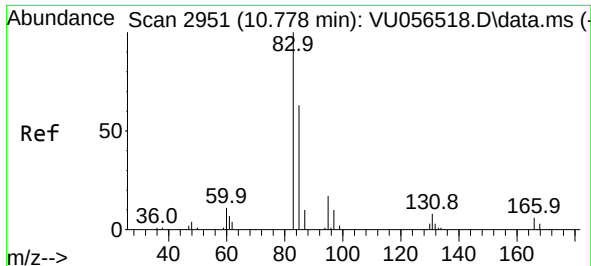
Tgt Ion:104 Resp: 299859

Ion Ratio Lower Upper

104 100

78 50.4 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.574 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

Instrument :

MSVOA_U

ClientSampleId :

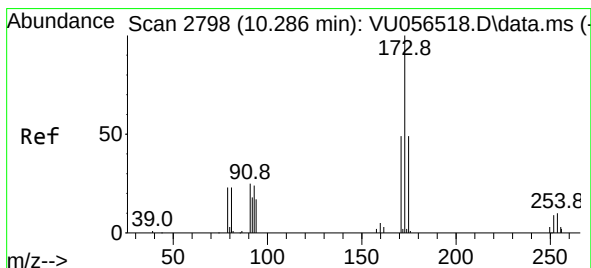
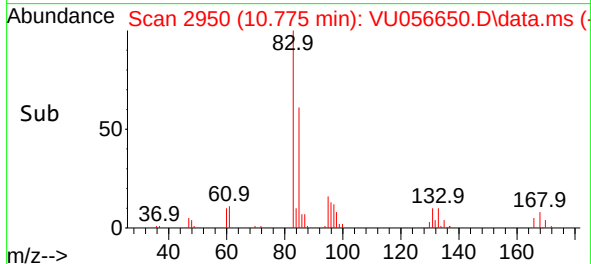
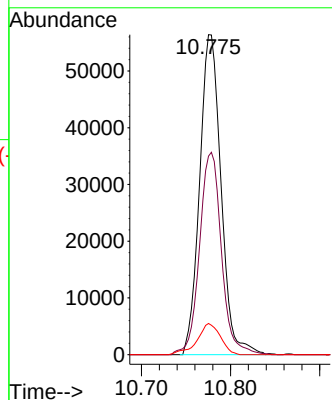
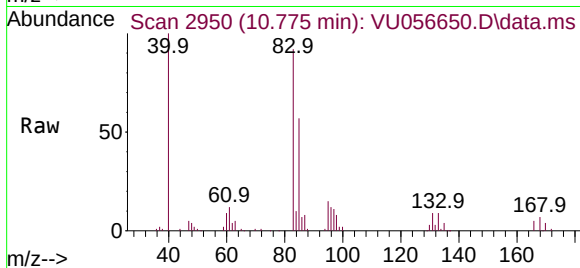
Tgt Ion: 83 Resp: 94366

Ion Ratio Lower Upper

83 100

85 62.0 46.3 86.1

131 9.8 6.7 10.1



#59

Bromoform

Concen: 5.644 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

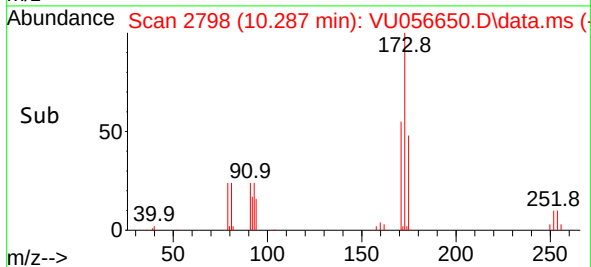
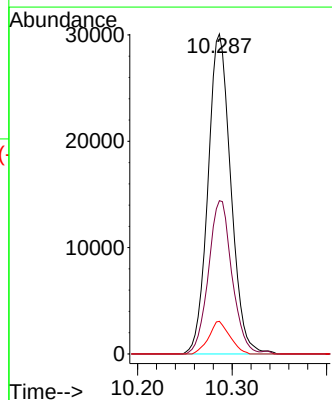
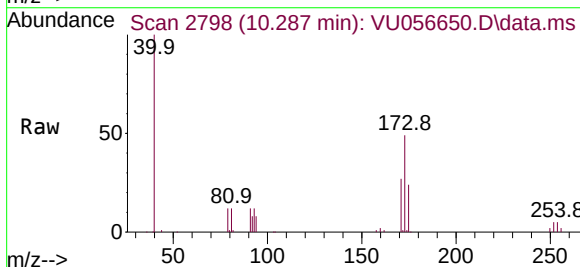
Tgt Ion:173 Resp: 50468

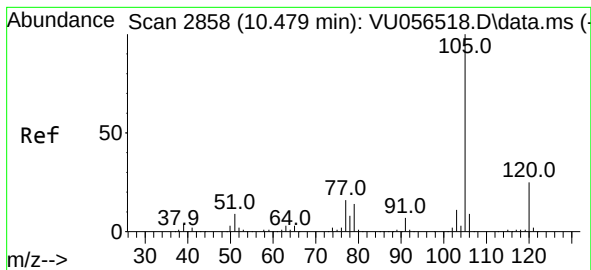
Ion Ratio Lower Upper

173 100

175 49.2 38.9 58.3

254 9.4 6.7 10.1





#60

Isopropylbenzene

Concen: 5.338 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056650.D

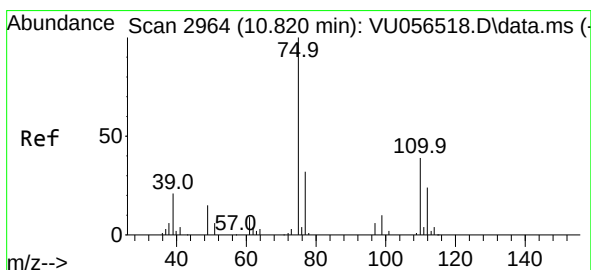
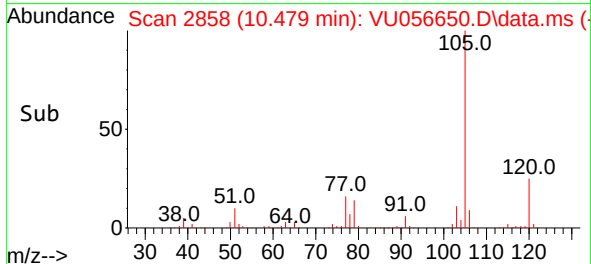
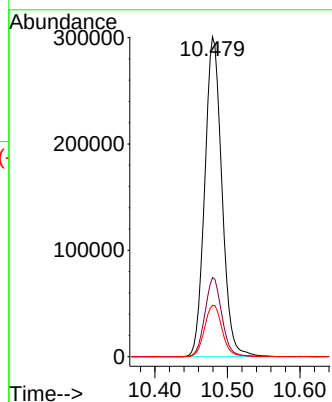
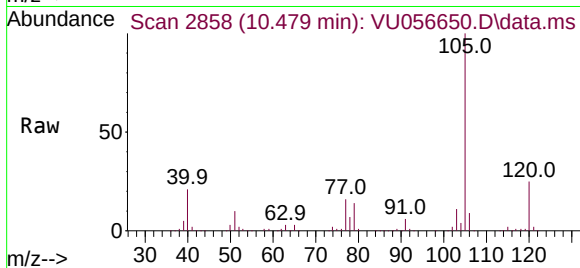
Acq: 05 Dec 2023 10:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	494160
Ion Ratio	Lower	Upper	
105	100		
120	24.4	20.4	30.6
77	16.5	13.3	19.9



#61

1,2,3-Trichloropropane

Concen: 5.272 ug/L

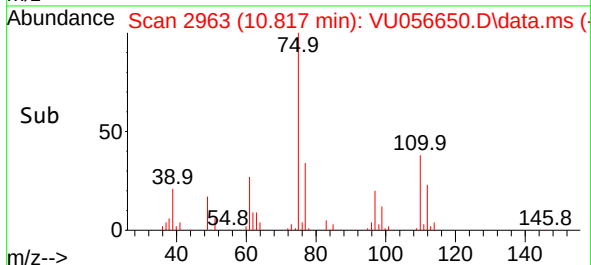
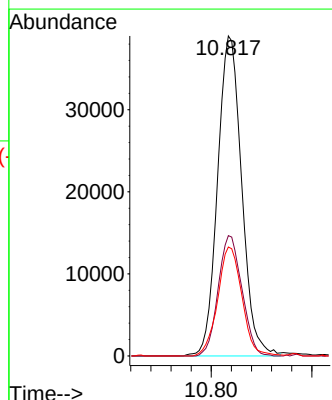
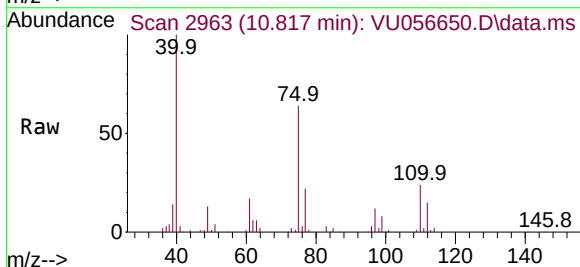
RT: 10.817 min Scan# 2963

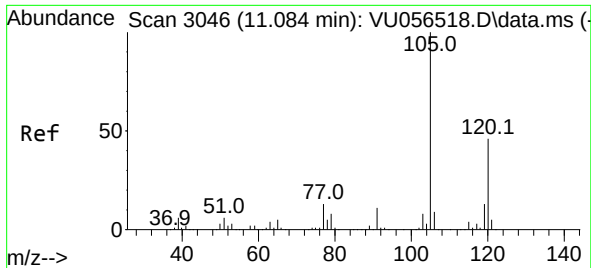
Delta R.T. -0.000 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

Tgt Ion:	75	Resp:	64930
Ion Ratio	Lower	Upper	
75	100		
110	37.0	30.4	45.6
77	34.2	27.0	40.6

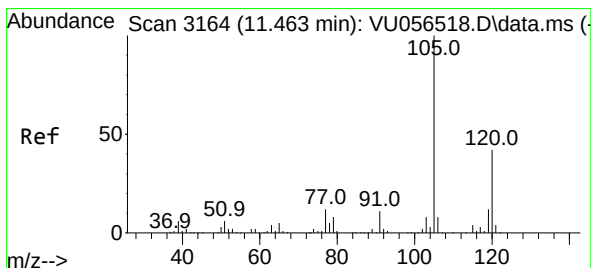
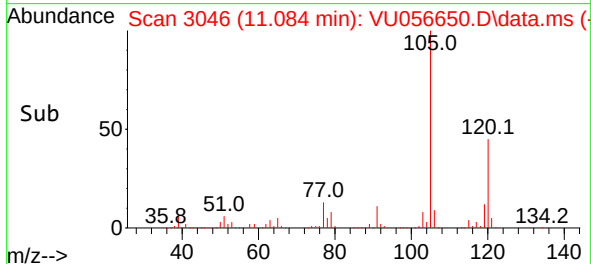
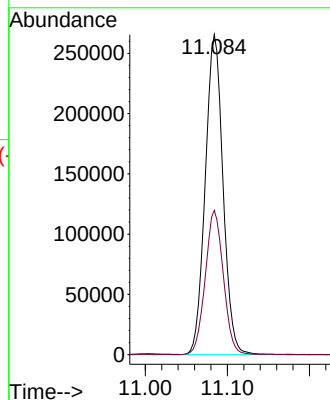
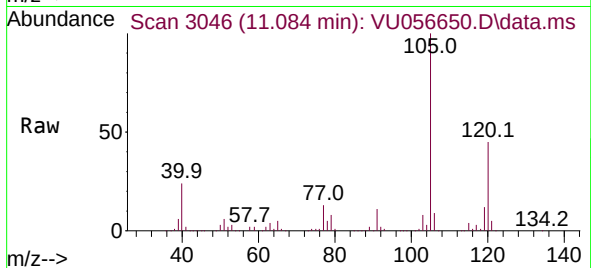




#62
 1,3,5-Trimethylbenzene
 Concen: 5.255 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU056650.D
 Acq: 05 Dec 2023 10:43

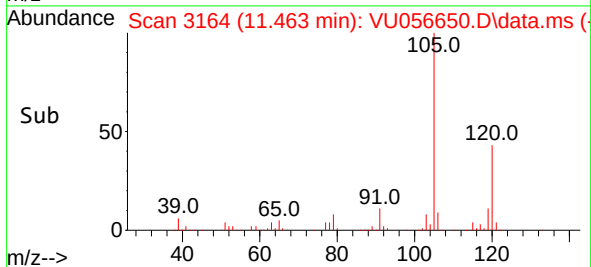
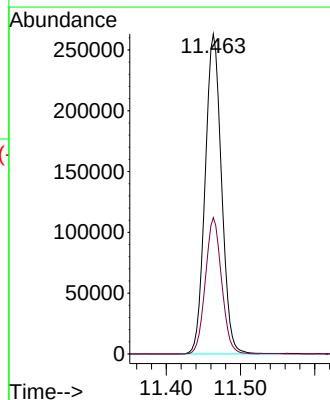
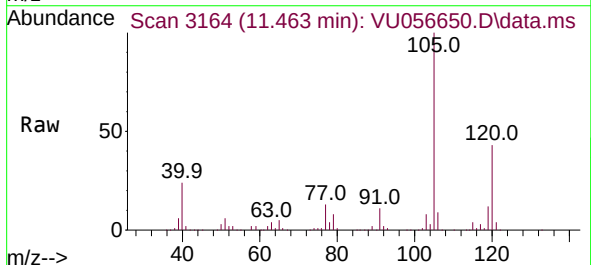
Instrument :
 MSVOA_U
 ClientSampleId :

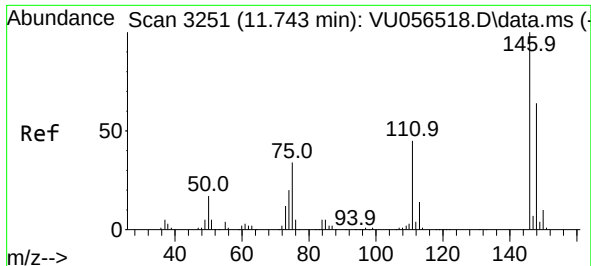
Tgt Ion:105 Resp: 399441
 Ion Ratio Lower Upper
 105 100
 120 46.1 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 5.360 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU056650.D
 Acq: 05 Dec 2023 10:43

Tgt Ion:105 Resp: 402182
 Ion Ratio Lower Upper
 105 100
 120 42.2 34.0 51.0

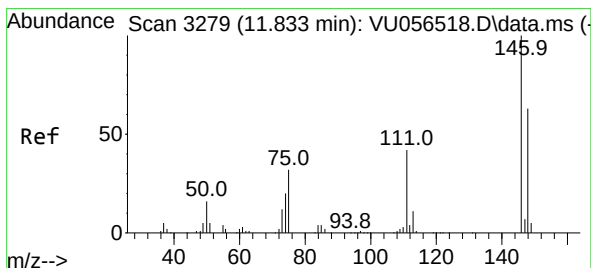
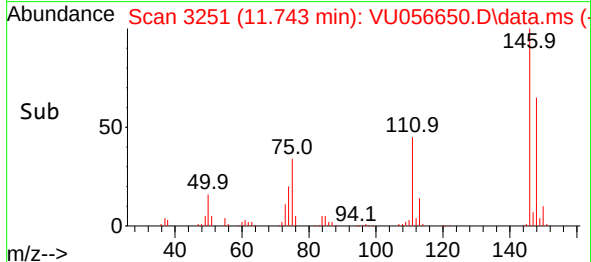
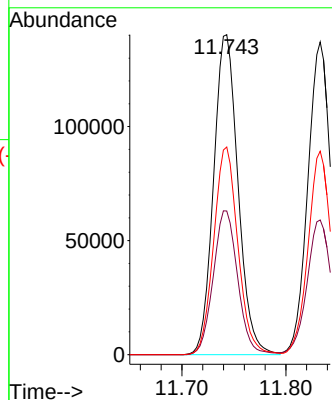
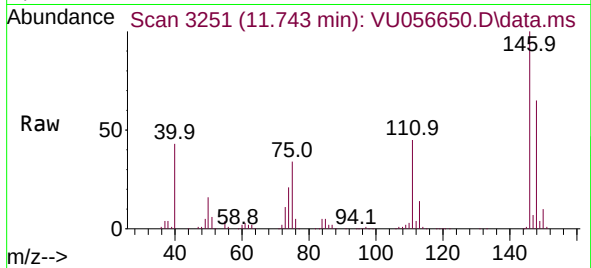




#64
1,3-Dichlorobenzene
Concen: 5.450 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

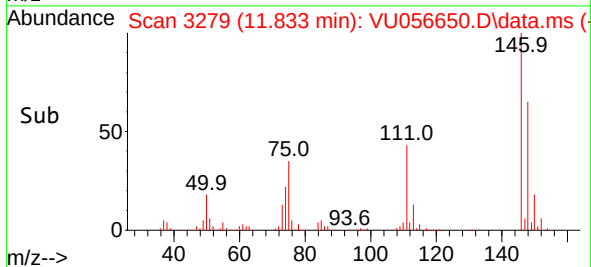
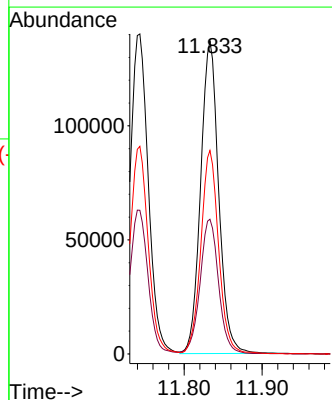
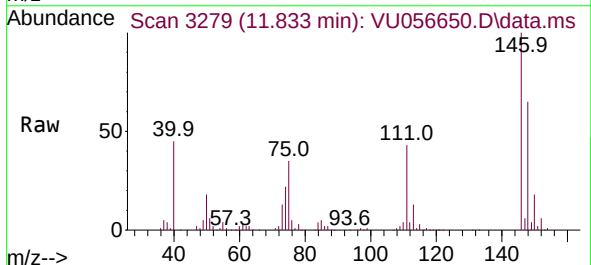
Instrument :
MSVOA_U
ClientSampleId :

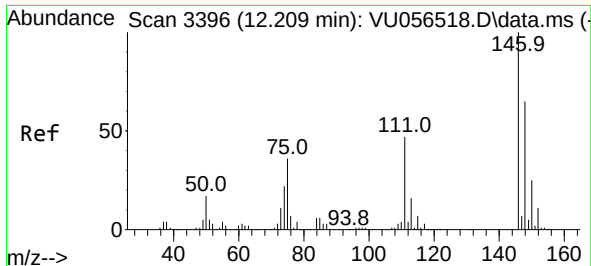
Tgt Ion:146 Resp: 229488
Ion Ratio Lower Upper
146 100
111 44.9 31.1 57.7
148 64.9 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.219 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

Tgt Ion:146 Resp: 220456
Ion Ratio Lower Upper
146 100
111 43.0 30.5 56.7
148 65.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.313 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

Instrument :

MSVOA_U

ClientSampleId :

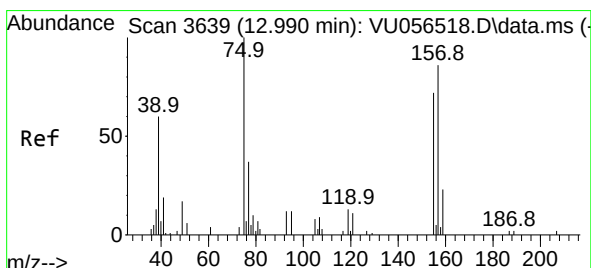
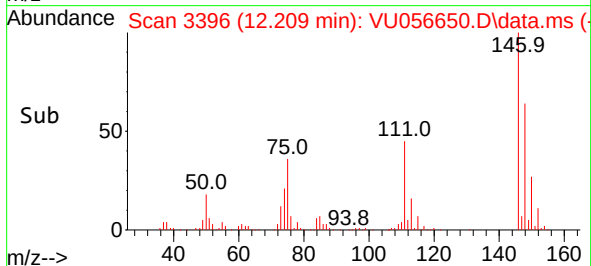
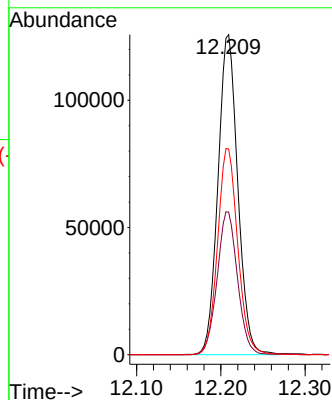
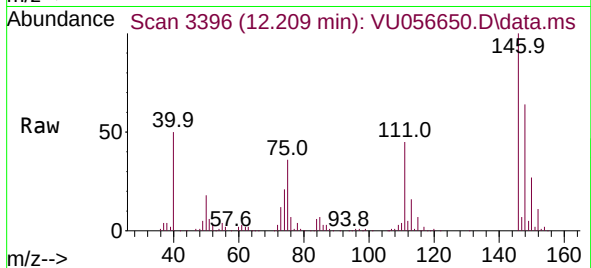
Tgt Ion:146 Resp: 205242

Ion Ratio Lower Upper

146 100

111 44.5 38.3 57.5

148 64.3 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.980 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

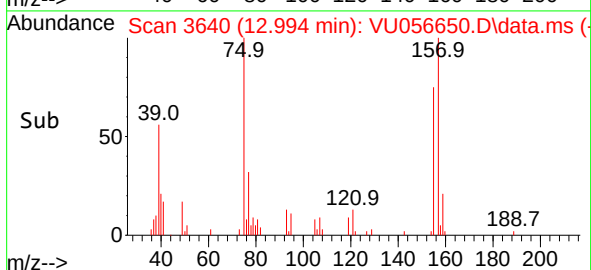
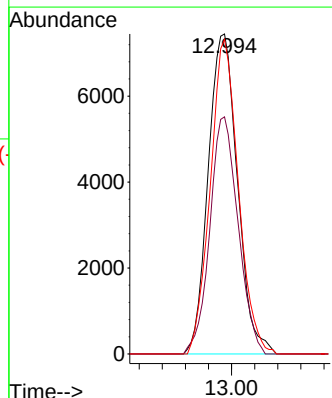
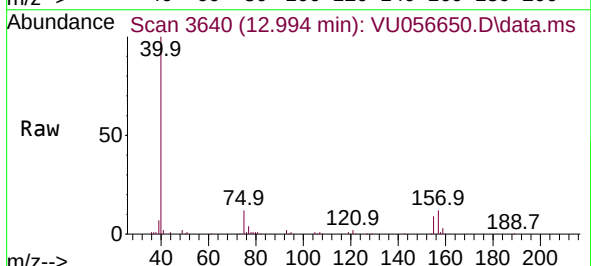
Tgt Ion: 75 Resp: 13102

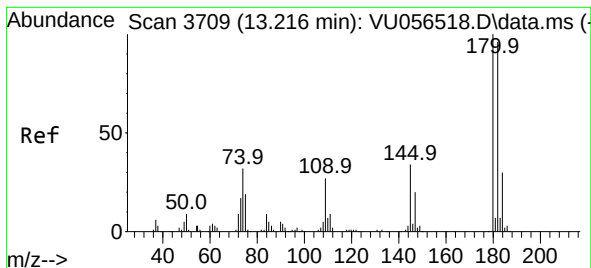
Ion Ratio Lower Upper

75 100

155 74.1 62.4 93.6

157 98.3 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.466 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 173296

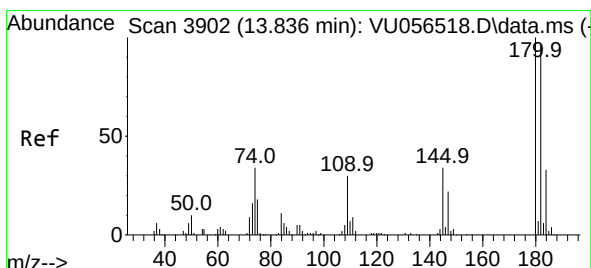
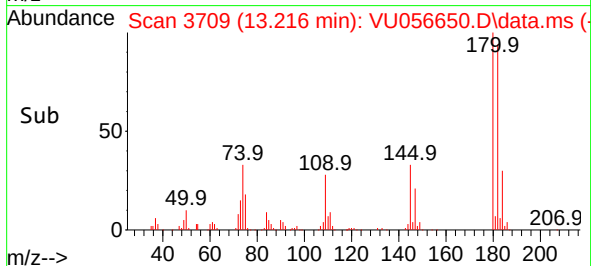
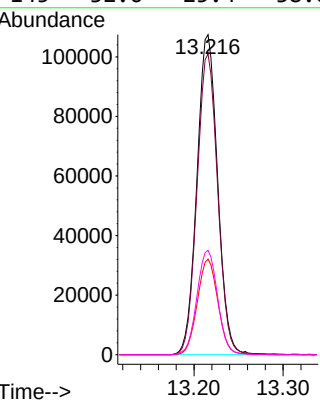
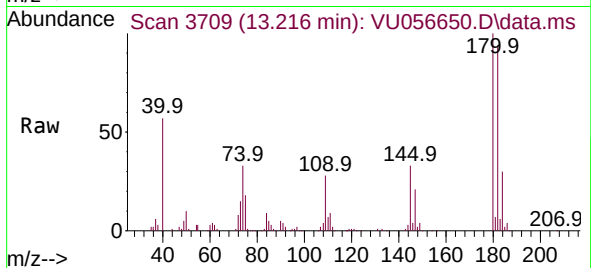
Ion Ratio Lower Upper

180 100

182 93.7 75.1 112.7

184 29.8 23.5 35.3

145 32.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.233 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU056650.D

Acq: 05 Dec 2023 10:43

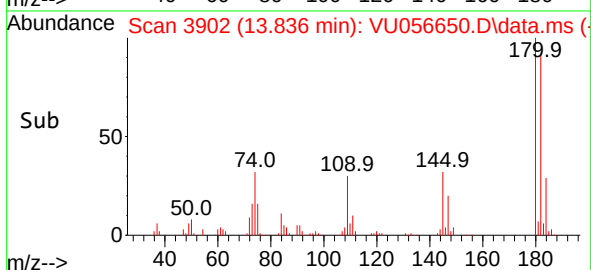
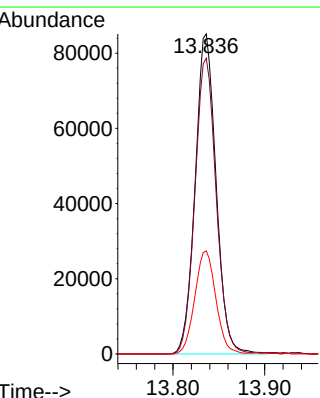
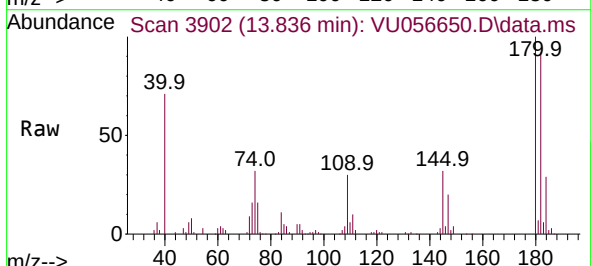
Tgt Ion:180 Resp: 135120

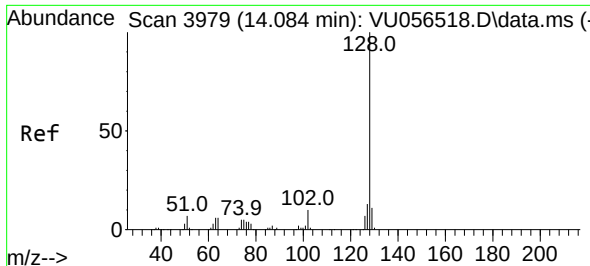
Ion Ratio Lower Upper

180 100

182 93.6 75.4 113.2

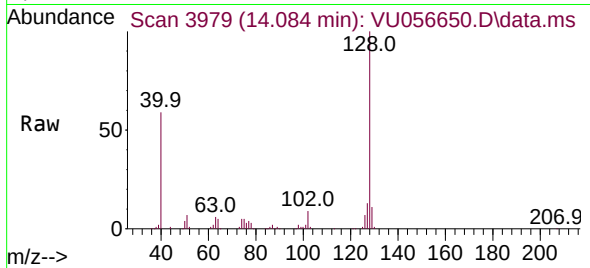
145 32.5 26.8 40.2



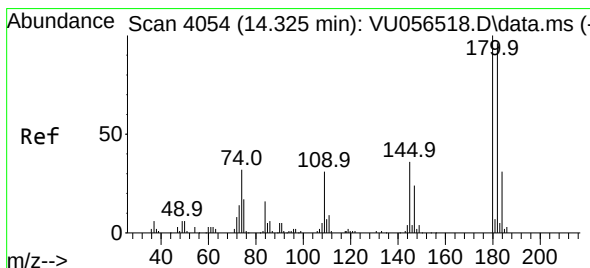
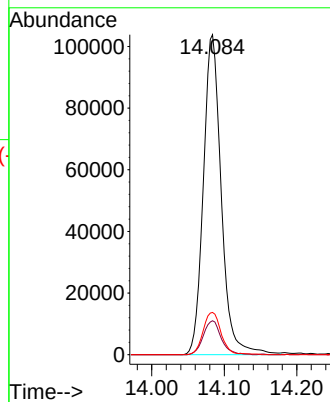
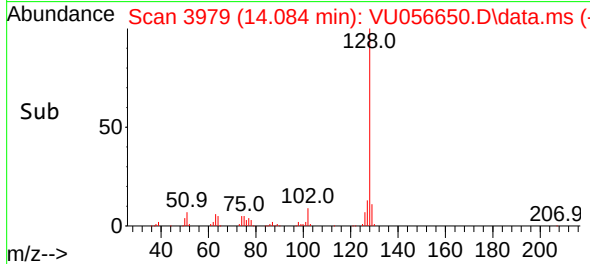


#71
Naphthalene
Concen: 4.574 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43

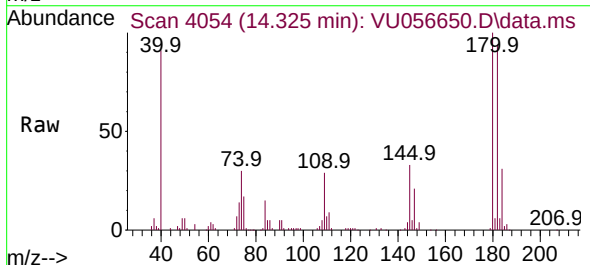
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	178477
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.3	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.257 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056650.D
Acq: 05 Dec 2023 10:43



Tgt Ion:	180	Resp:	111831
Ion	Ratio	Lower	Upper
180	100		
182	92.3	78.6	117.8
145	33.6	29.0	43.6

