

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056258.D
 Acq On : 13 Nov 2023 17:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 23:54:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:42:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	300196	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	283349	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	135686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	115997	5.166	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.400%
7) Chloroethane-d5	1.911	69	91218	5.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.000%
11) 1,1-Dichloroethene-d2	2.563	65	53181	5.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.400%
20) 2-Butanone-d5	4.621	46	237993	53.156	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.320%
24) Chloroform-d	5.055	84	232679	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	5.695	65	106632	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.721	84	459052	5.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	6.685	67	141437	5.559	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.894	98	408492	5.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	8.174	79	53389	5.471	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.400%
46) 2-Hexanone-d5	8.627	63	213316	55.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	99725	5.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	134108	5.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	131888	5.545	ug/L	98
3) Chloromethane	1.518	50	134340	5.527	ug/L	96
5) Vinyl chloride	1.602	62	134755	5.754	ug/L	99
6) Bromomethane	1.856	94	74833	6.313	ug/L	95
8) Chloroethane	1.930	64	81294	5.683	ug/L	99
9) Trichlorofluoromethane	2.136	101	189486	5.615	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	111351	5.558	ug/L	98
12) 1,1-Dichloroethene	2.576	96	105972	5.767	ug/L	96
13) Acetone	2.631	43	186046	48.788	ug/L	100
14) Carbon disulfide	2.788	76	334173	5.588	ug/L	98
15) Methyl Acetate	2.949	43	37358	5.505	ug/L	97
16) Methylene chloride	3.042	84	124583	5.123	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	258141	5.782	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	110676	5.854	ug/L	99
19) 1,1-Dichloroethane	3.862	63	215236	5.747	ug/L	97
21) 2-Butanone	4.698	43	260929	52.732	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	126268	5.889	ug/L	98
23) Bromochloromethane	4.968	128	51113	5.791	ug/L	95
25) Chloroform	5.081	83	229245	5.649	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056258.D
 Acq On : 13 Nov 2023 17:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 23:54:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:42:10 2023
 Response via : Initial Calibration

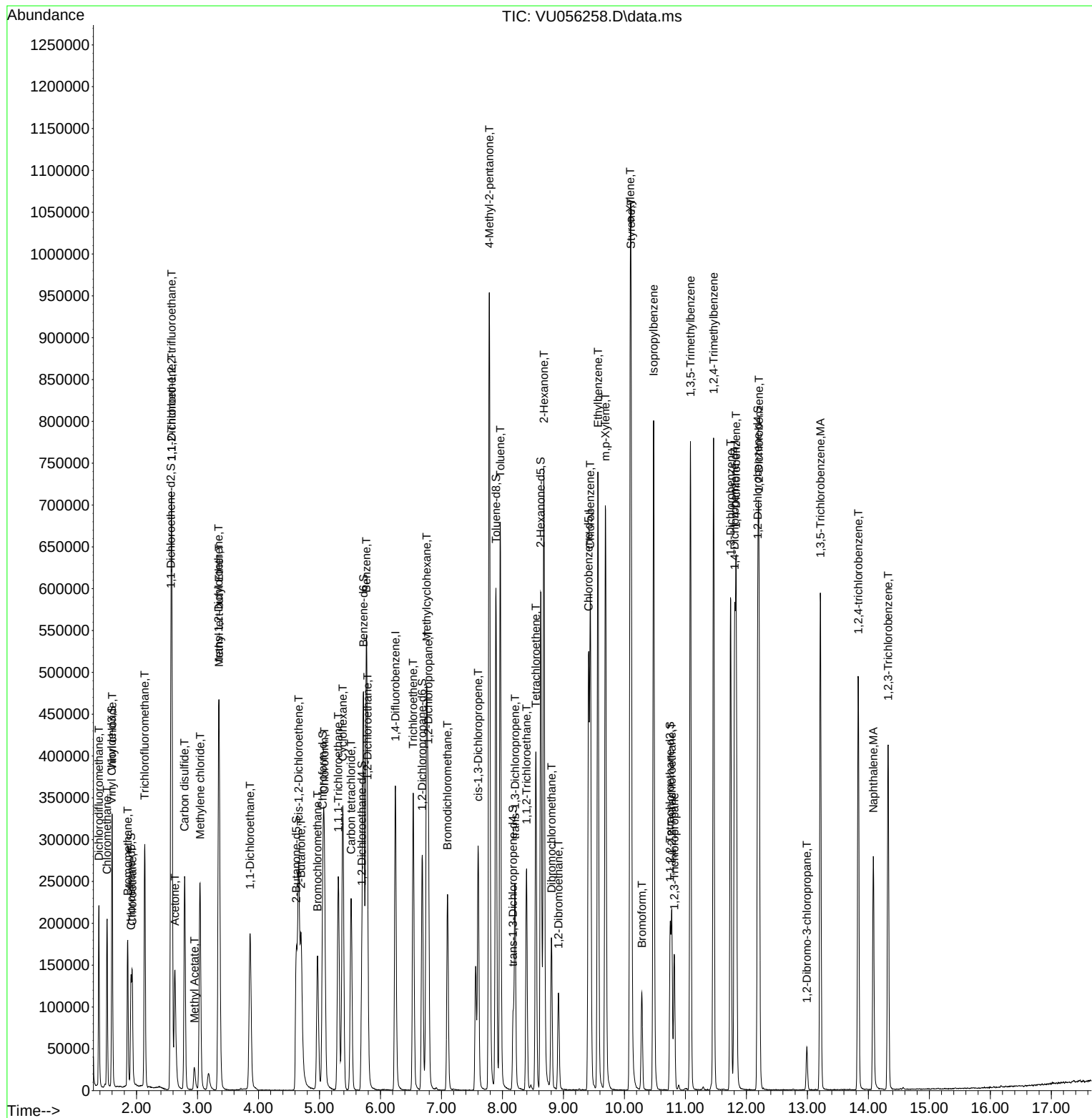
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	131536	5.709	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	190255	5.849	ug/L	99
30) Cyclohexane	5.383	56	179998	5.831	ug/L	97
31) Carbon tetrachloride	5.518	117	159213	5.699	ug/L	100
33) Benzene	5.769	78	480241	5.940	ug/L	100
34) Trichloroethene	6.537	95	126310	5.734	ug/L	97
35) Methylcyclohexane	6.759	83	182130	5.727	ug/L	99
37) 1,2-Dichloropropane	6.785	63	126536	6.002	ug/L	100
38) Bromodichloromethane	7.100	83	155719	5.721	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	181691	5.865	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	611455	58.504	ug/L	98
42) Toluene	7.965	91	495268	5.917	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	146380	5.927	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	84107	5.990	ug/L	97
47) Tetrachloroethene	8.550	164	86771	5.842	ug/L	99
48) 2-Hexanone	8.679	43	471779	57.943	ug/L	98
49) Dibromochloromethane	8.804	129	91973	5.760	ug/L	95
50) 1,2-Dibromoethane	8.920	107	78027	5.886	ug/L	99
51) Chlorobenzene	9.441	112	308088	5.728	ug/L	99
52) Ethylbenzene	9.566	91	540160	5.811	ug/L	100
53) m,p-Xylene	9.688	106	205051	6.001	ug/L	99
54) o-Xylene	10.097	106	199255	6.003	ug/L	97
55) Styrene	10.110	104	337348	6.110	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	101534	5.922	ug/L	97
59) Bromoform	10.287	173	52873	6.256	ug/L	99
60) Isopropylbenzene	10.479	105	531727	6.076	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	71812	6.168	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	432150	6.015	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	440791	6.215	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	240259	6.036	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	234355	5.870	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	217281	5.950	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	14368	5.778	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	176904	5.903	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	145221	5.949	ug/L	99
71) Naphthalene	14.084	128	227825	6.177	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	123640	6.149	ug/L	97

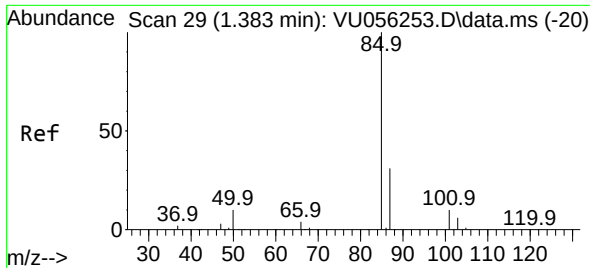
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056258.D
Acq On : 13 Nov 2023 17:48
Operator : MD/SY
Sample : VSTDCCC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 13 23:54:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 13 23:42:10 2023
Response via : Initial Calibration

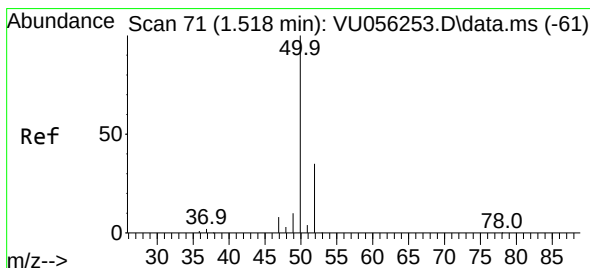
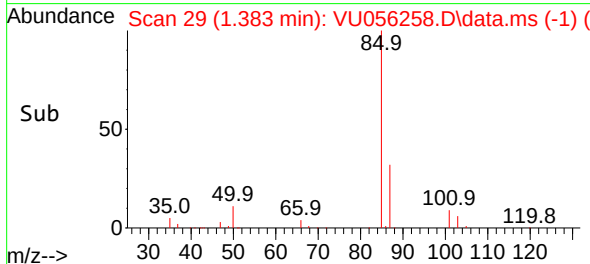
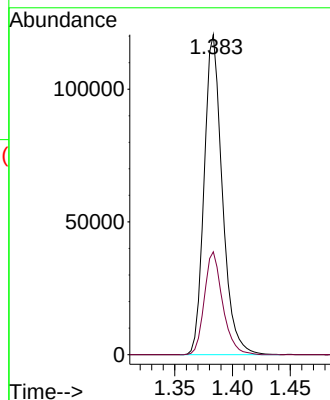
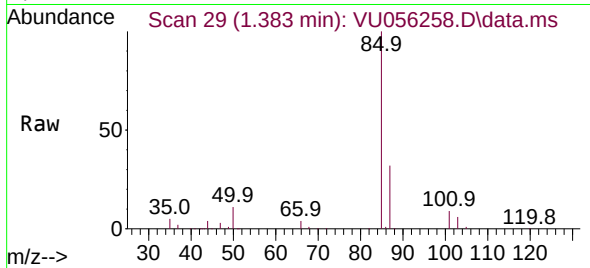




#2
 Dichlorodifluoromethane
 Concen: 5.545 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056258.D
 Acq: 13 Nov 2023 17:48

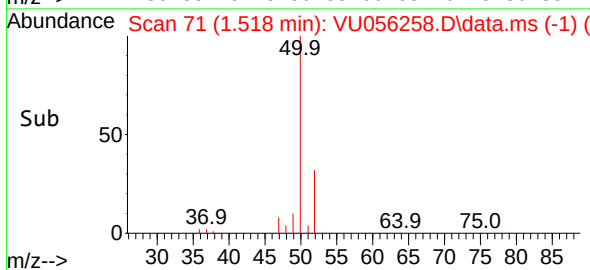
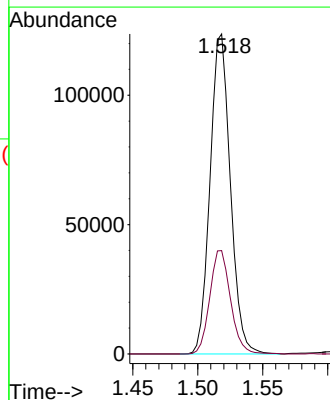
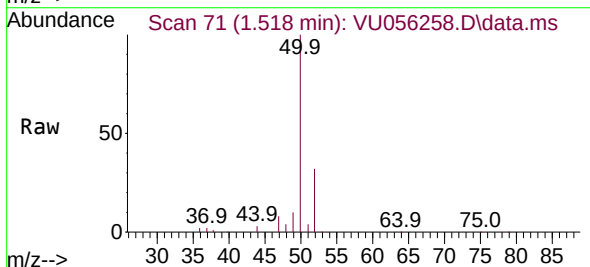
Instrument :
 MSVOA_U
 ClientSampleId :

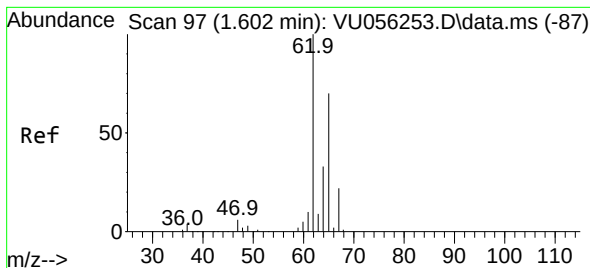
Tgt Ion: 85 Resp: 131888
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.0 37.4



#3
 Chloromethane
 Concen: 5.527 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU056258.D
 Acq: 13 Nov 2023 17:48

Tgt Ion: 50 Resp: 134340
 Ion Ratio Lower Upper
 50 100
 52 32.3 24.3 45.1





#5

Vinyl chloride

Concen: 5.754 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

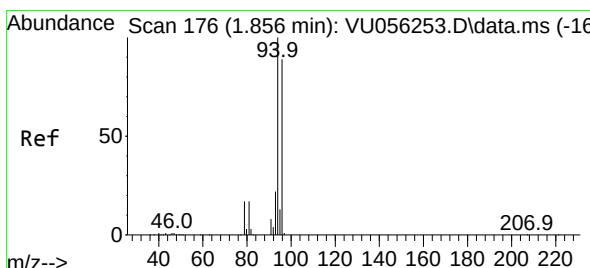
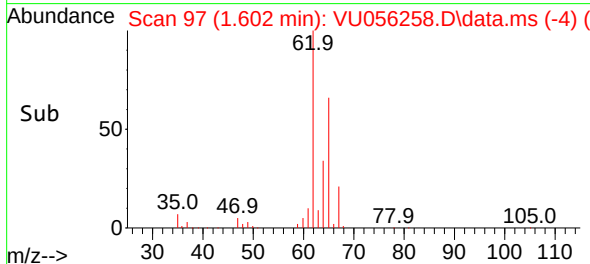
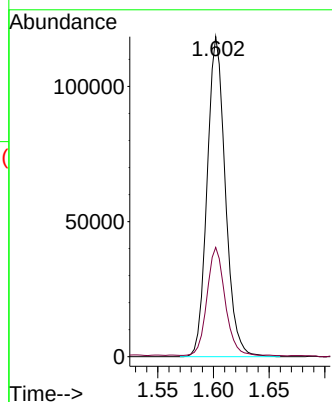
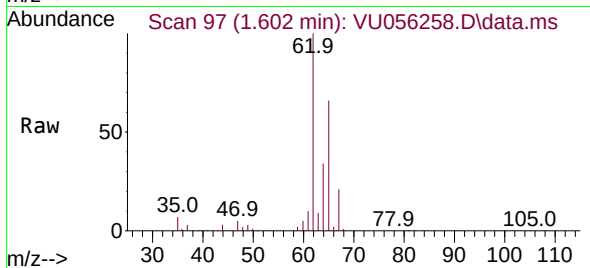
ClientSampleId :

Tgt Ion: 62 Resp: 134755

Ion Ratio Lower Upper

62 100

64 34.2 23.3 43.3



#6

Bromomethane

Concen: 6.313 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU056258.D

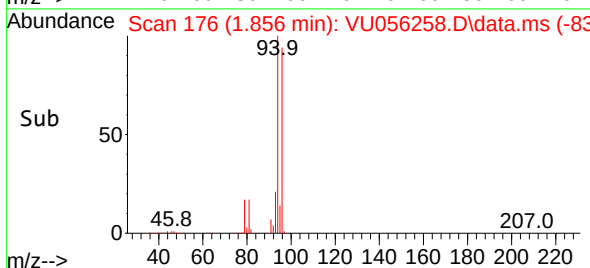
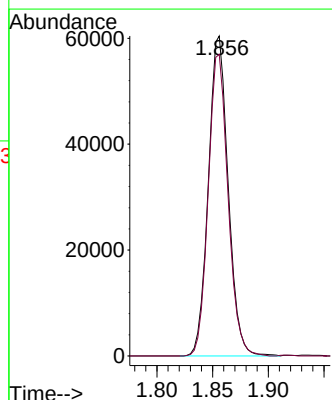
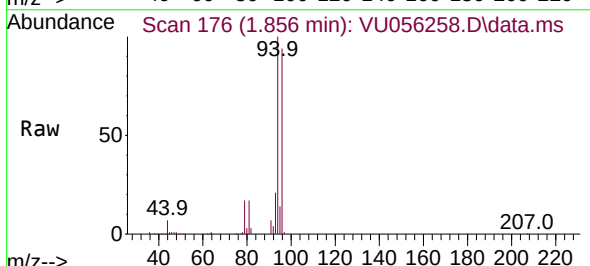
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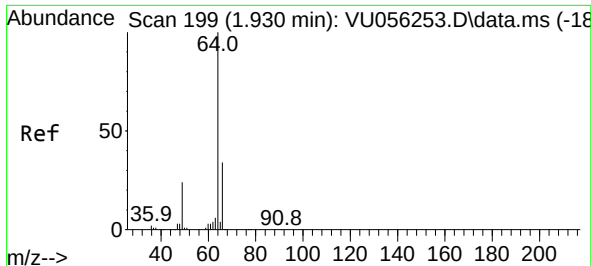
Tgt Ion: 94 Resp: 74833

Ion Ratio Lower Upper

94 100

96 94.2 62.6 116.2





#8

Chloroethane

Concen: 5.683 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

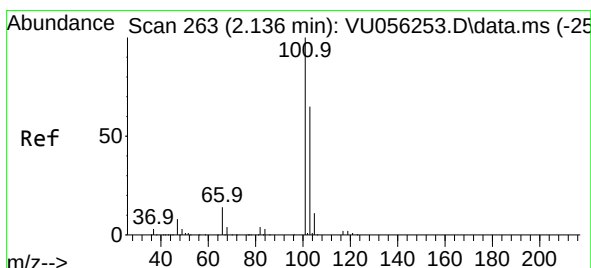
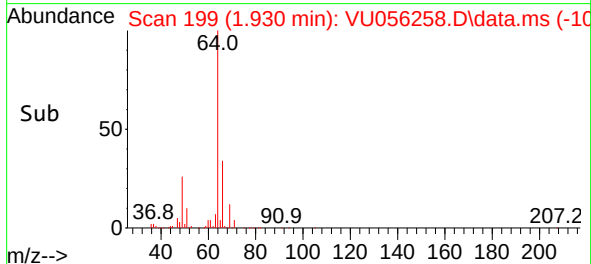
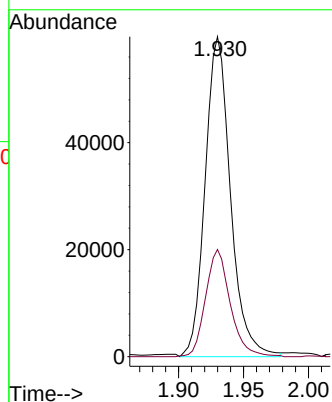
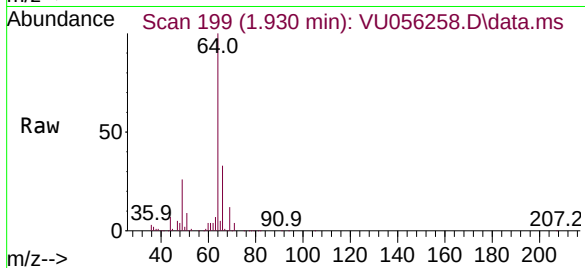
ClientSampleId :

Tgt Ion: 64 Resp: 81294

Ion Ratio Lower Upper

64 100

66 33.5 23.9 44.5



#9

Trichlorofluoromethane

Concen: 5.615 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.000 min

Lab File: VU056258.D

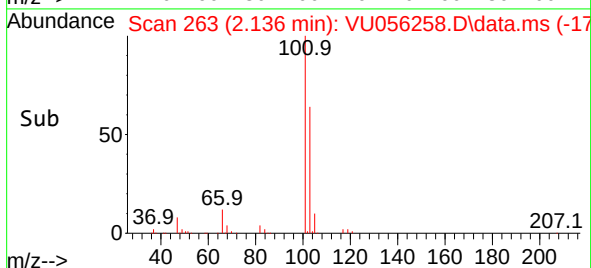
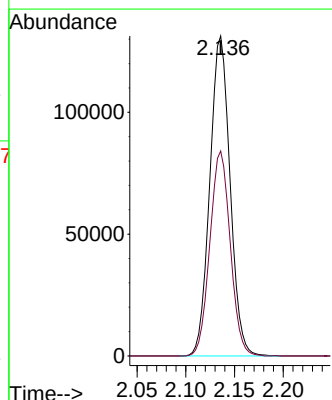
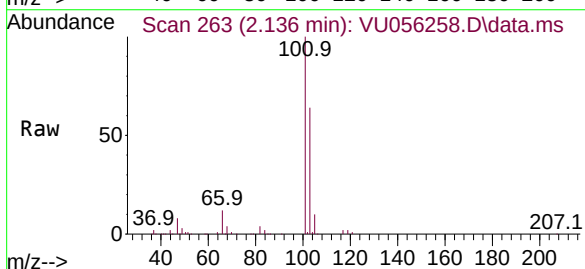
Acq: 13 Nov 2023 17:48

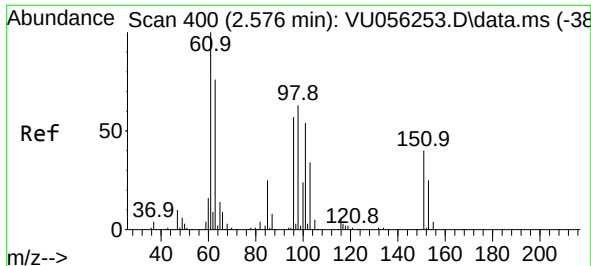
Tgt Ion:101 Resp: 189486

Ion Ratio Lower Upper

101 100

103 64.5 52.0 78.0

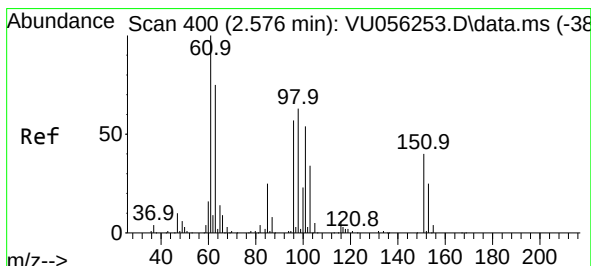
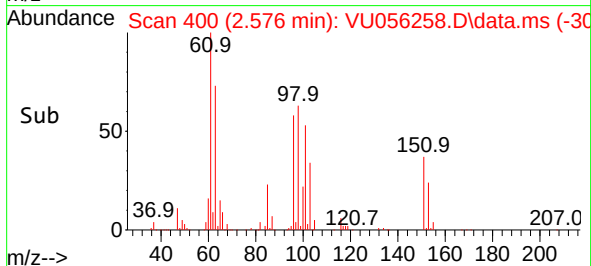
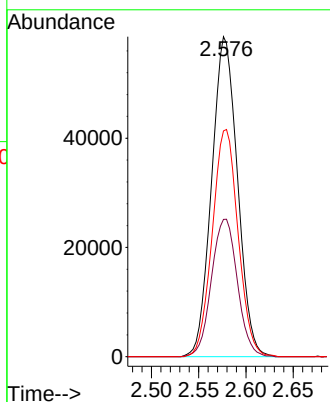
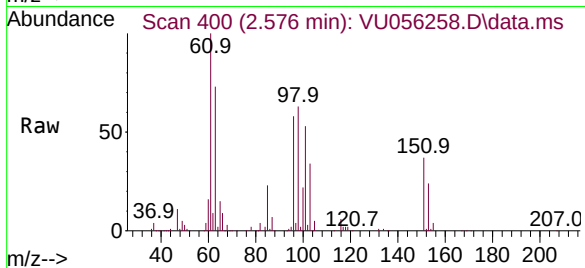




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.558 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

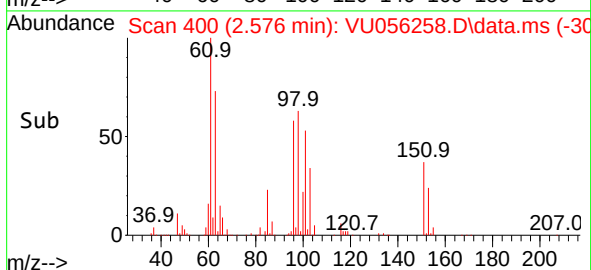
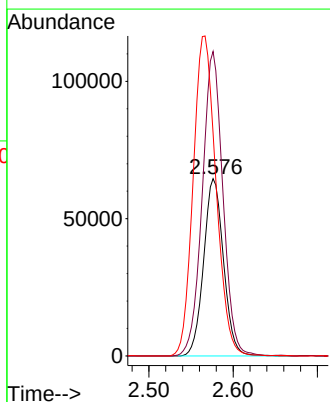
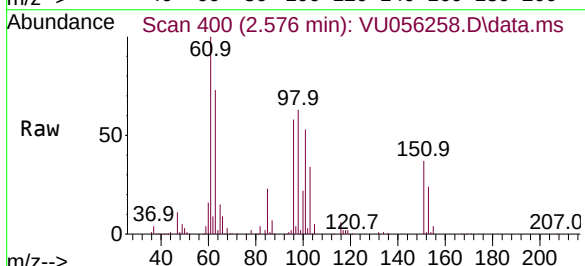
Instrument :
MSVOA_U
ClientSampleId :

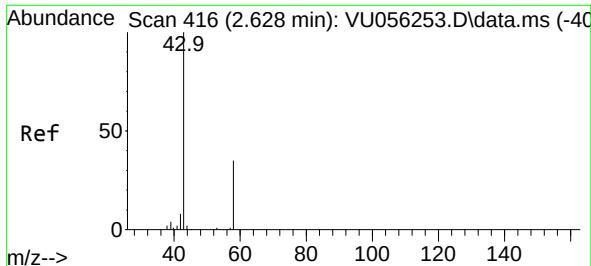
Tgt Ion:101 Resp: 111351
Ion Ratio Lower Upper
101 100
85 43.1 35.4 53.0
151 71.0 58.0 87.0



#12
1,1-Dichloroethene
Concen: 5.767 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

Tgt Ion: 96 Resp: 105972
Ion Ratio Lower Upper
96 100
61 171.7 123.1 228.7
63 125.7 93.3 173.3





#13

Acetone

Concen: 48.788 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

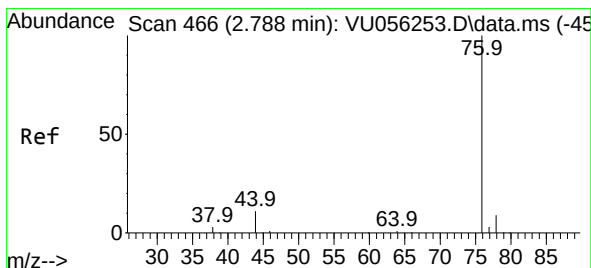
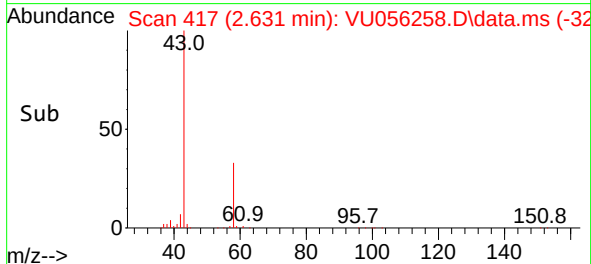
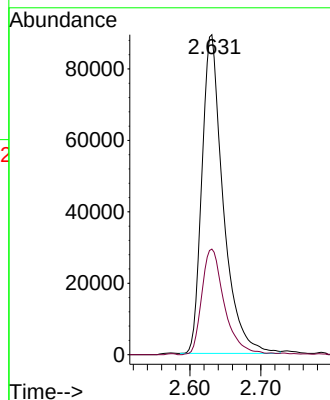
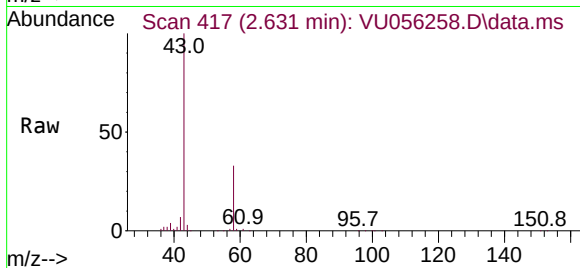
ClientSampleId :

Tgt Ion: 43 Resp: 186046

Ion Ratio Lower Upper

43 100

58 35.2 0.0 70.0



#14

Carbon disulfide

Concen: 5.588 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056258.D

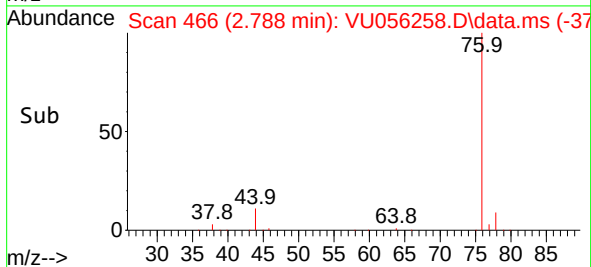
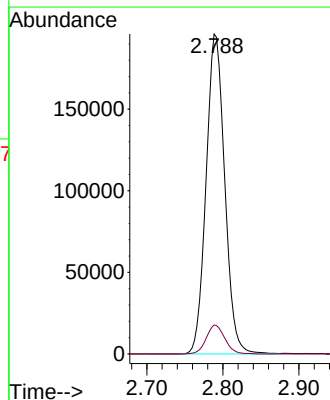
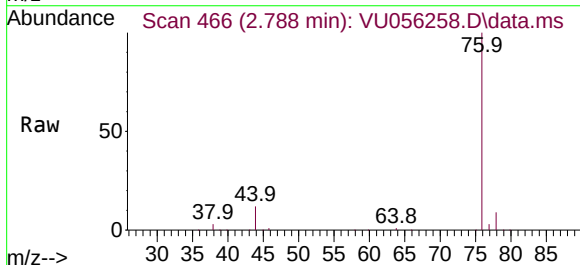
Acq: 13 Nov 2023 17:48

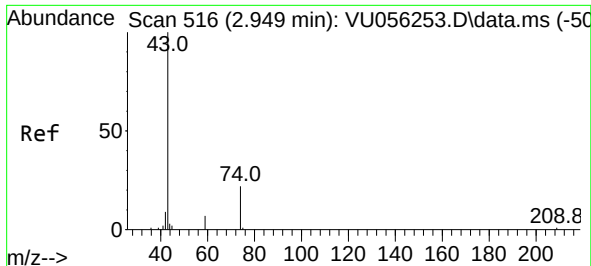
Tgt Ion: 76 Resp: 334173

Ion Ratio Lower Upper

76 100

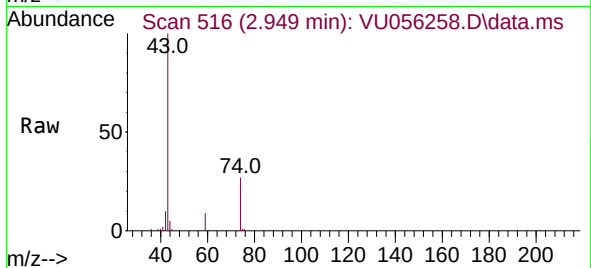
78 9.1 6.8 10.2



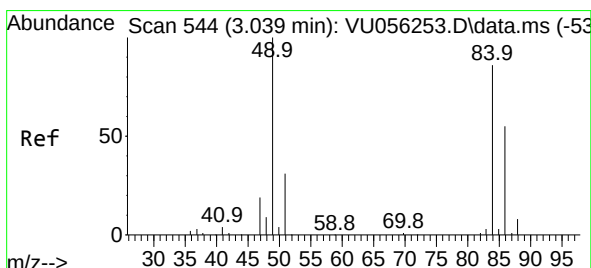
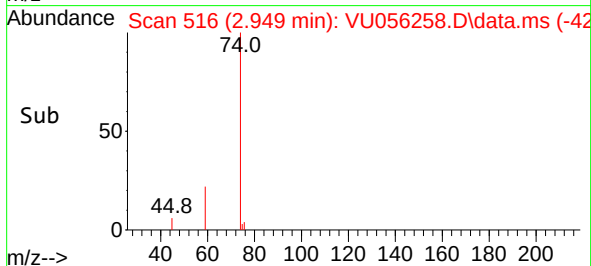
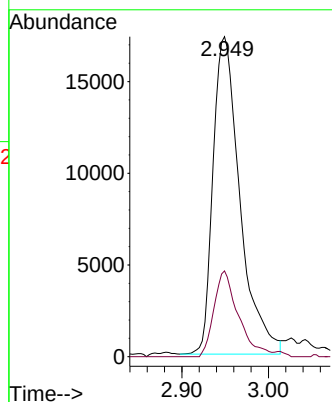


#15
Methyl Acetate
Concen: 5.505 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

Instrument :
MSVOA_U
ClientSampleId :

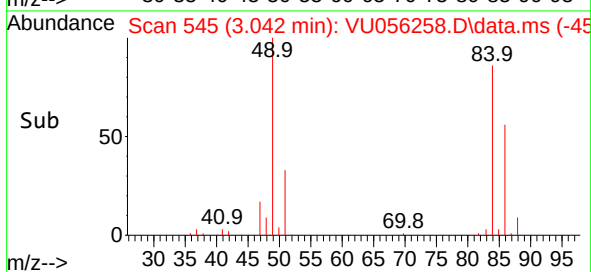
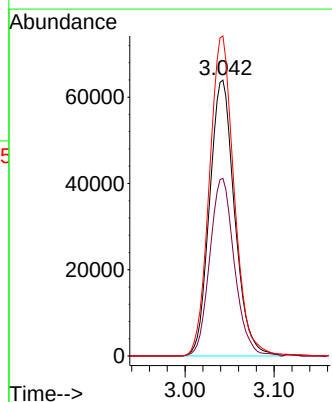
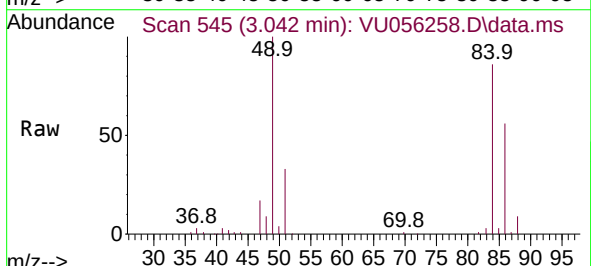


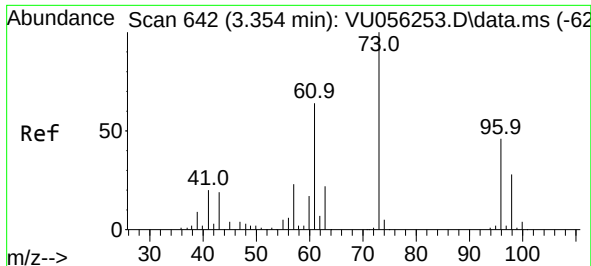
Tgt Ion: 43 Resp: 37358
Ion Ratio Lower Upper
43 100
74 24.4 20.6 31.0



#16
Methylene chloride
Concen: 5.123 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

Tgt Ion: 84 Resp: 124583
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 116.0 81.8 152.0





#17

Methyl tert-butyl Ether

Concen: 5.782 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

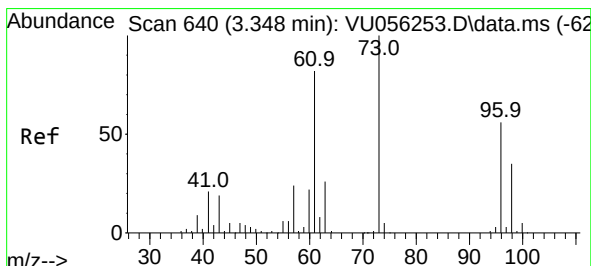
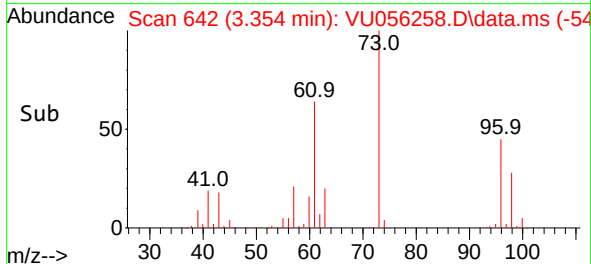
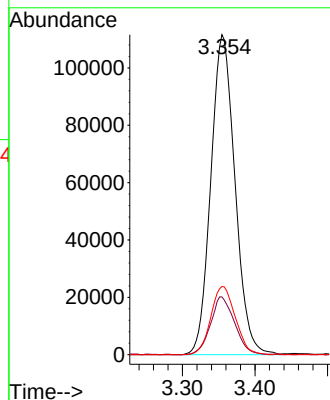
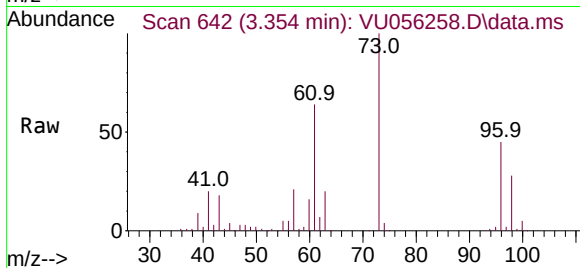
Tgt Ion: 73 Resp: 258141

Ion Ratio Lower Upper

73 100

43 18.0 15.1 22.7

57 21.6 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.854 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

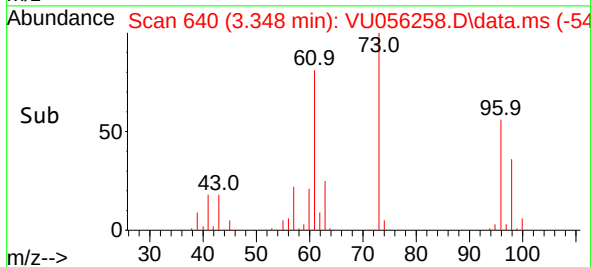
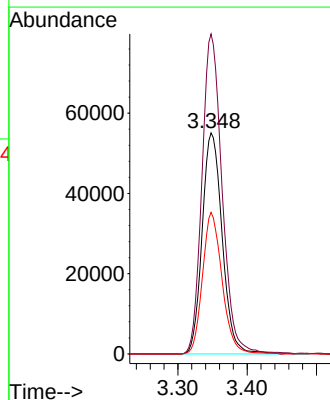
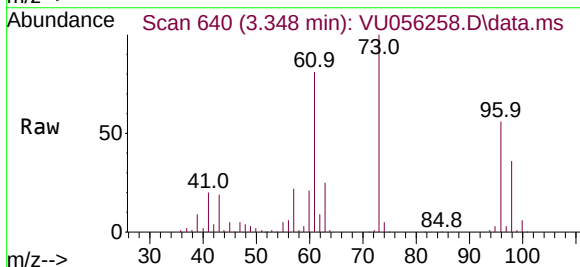
Tgt Ion: 96 Resp: 110676

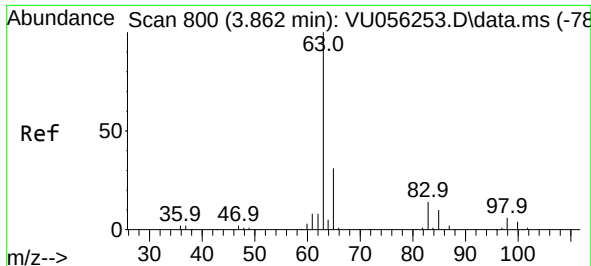
Ion Ratio Lower Upper

96 100

61 144.7 101.7 188.9

98 64.1 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.747 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

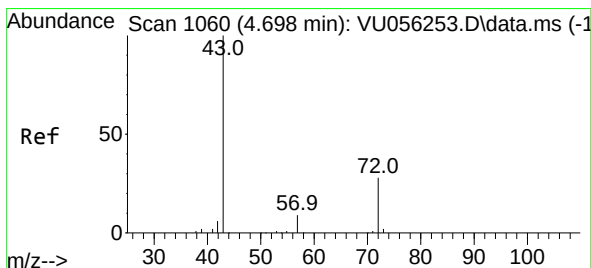
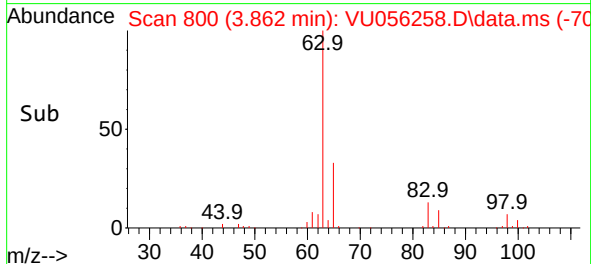
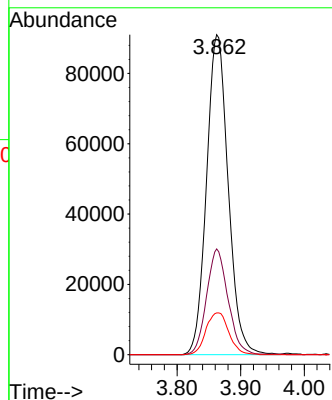
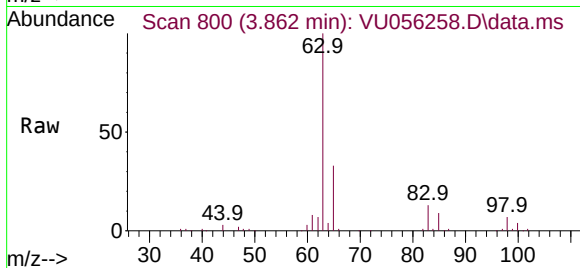
Tgt Ion: 63 Resp: 215236

Ion Ratio Lower Upper

63 100

65 33.1 21.8 40.6

83 13.0 9.7 17.9



#21

2-Butanone

Concen: 52.732 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VU056258.D

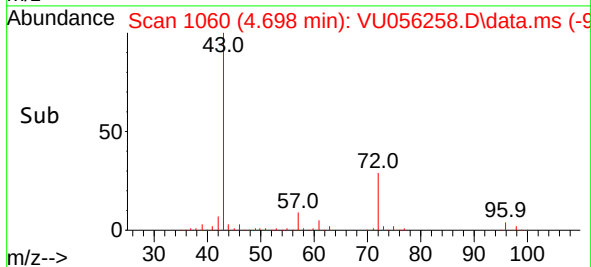
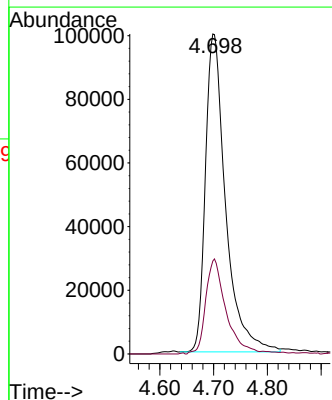
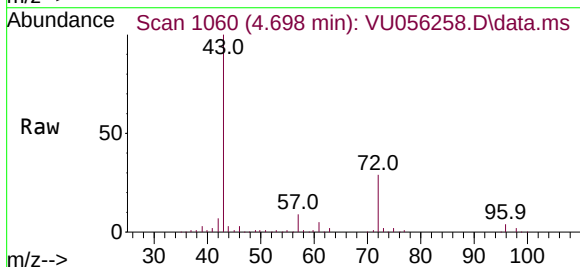
Acq: 13 Nov 2023 17:48

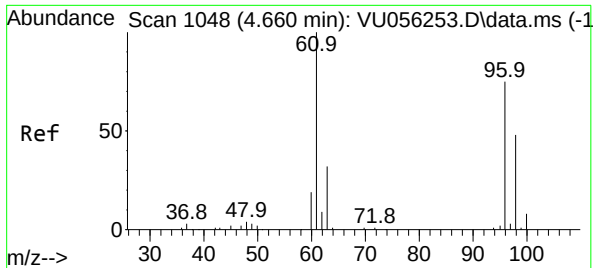
Tgt Ion: 43 Resp: 260929

Ion Ratio Lower Upper

43 100

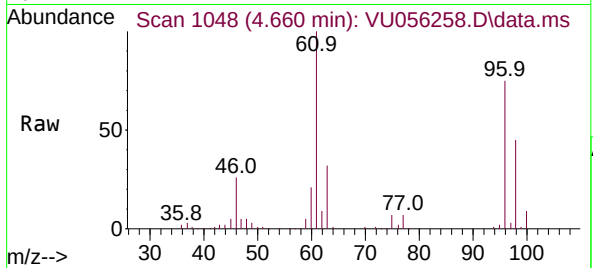
72 29.7 14.2 42.6



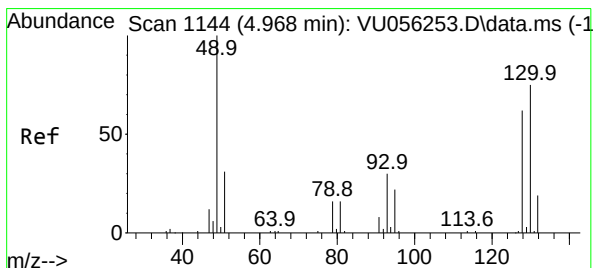
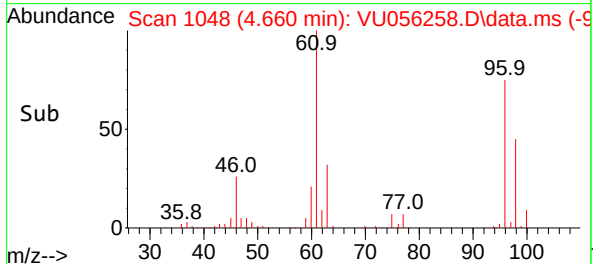
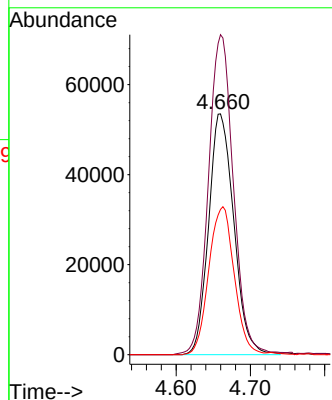


#22
 cis-1,2-Dichloroethene
 Concen: 5.889 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056258.D
 Acq: 13 Nov 2023 17:48

Instrument :
 MSVOA_U
 ClientSampleId :

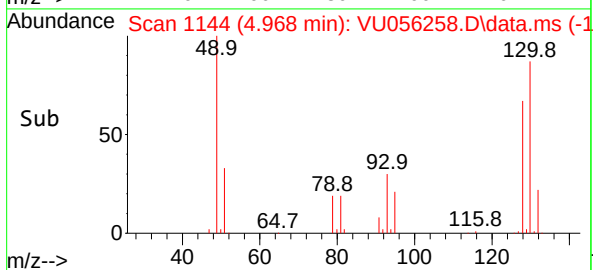
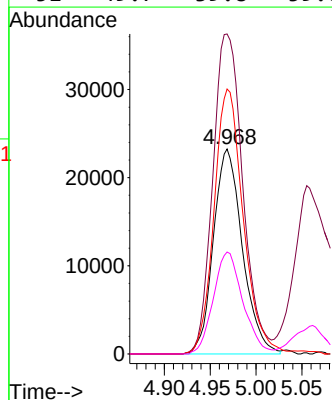
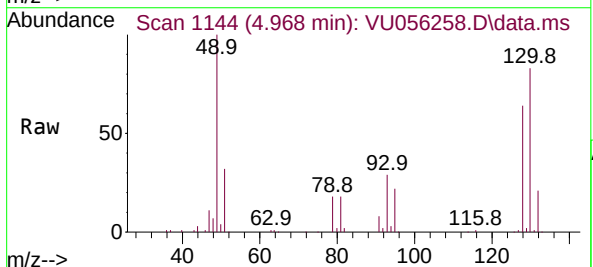


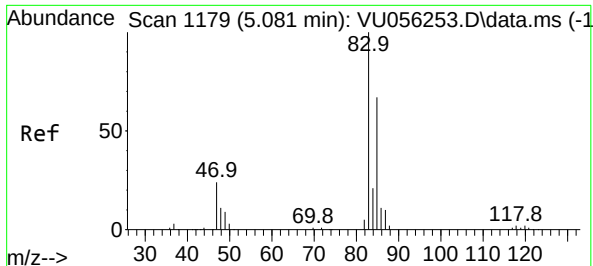
Tgt Ion: 96 Resp: 126268
 Ion Ratio Lower Upper
 96 100
 61 132.9 93.2 173.2
 98 60.3 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.791 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056258.D
 Acq: 13 Nov 2023 17:48

Tgt Ion: 128 Resp: 51113
 Ion Ratio Lower Upper
 128 100
 49 156.2 113.4 210.6
 130 129.3 84.8 157.6
 51 49.7 39.8 59.6





#25

Chloroform

Concen: 5.649 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

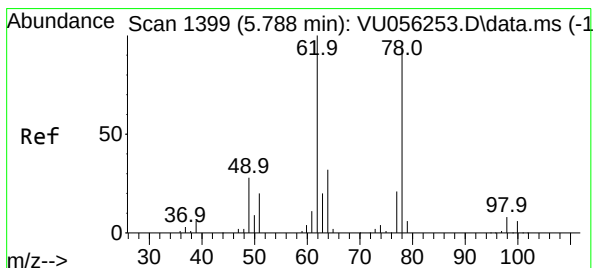
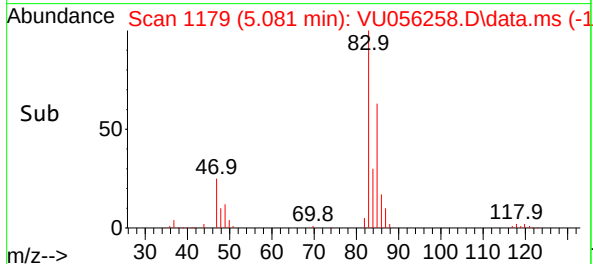
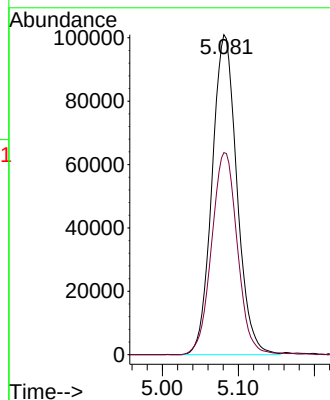
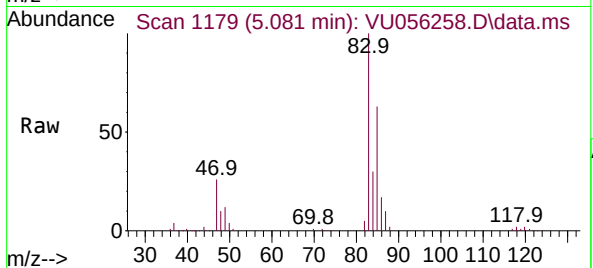
ClientSampleId :

Tgt Ion: 83 Resp: 229245

Ion Ratio Lower Upper

83 100

85 63.2 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.709 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056258.D

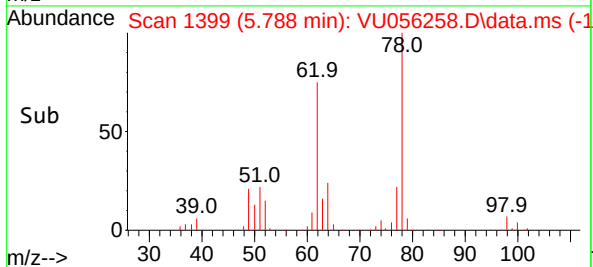
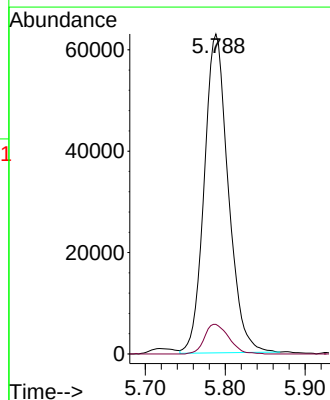
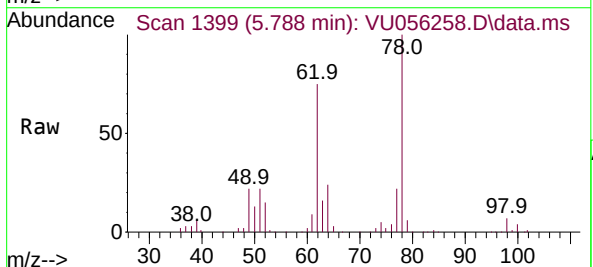
Acq: 13 Nov 2023 17:48

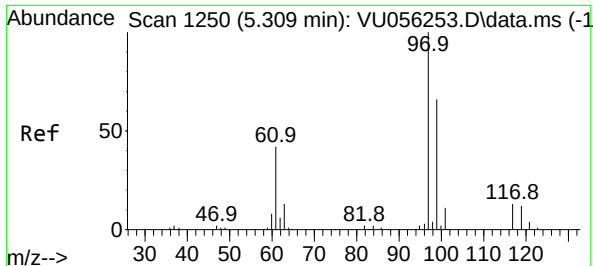
Tgt Ion: 62 Resp: 131536

Ion Ratio Lower Upper

62 100

98 9.3 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.849 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

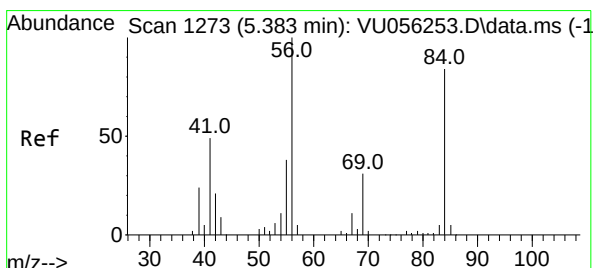
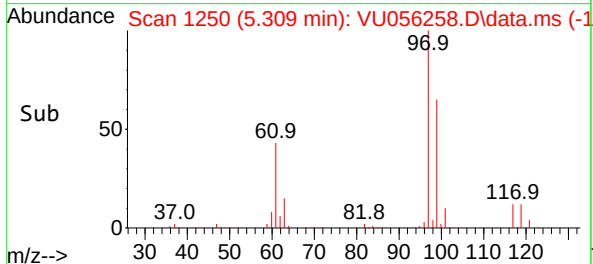
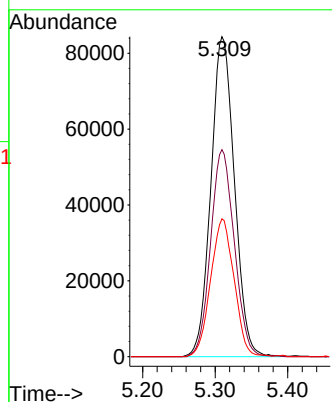
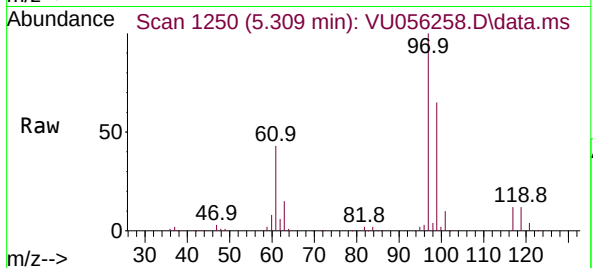
Tgt Ion: 97 Resp: 190255

Ion Ratio Lower Upper

97 100

99 65.1 51.6 77.4

61 43.0 34.3 51.5



#30

Cyclohexane

Concen: 5.831 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

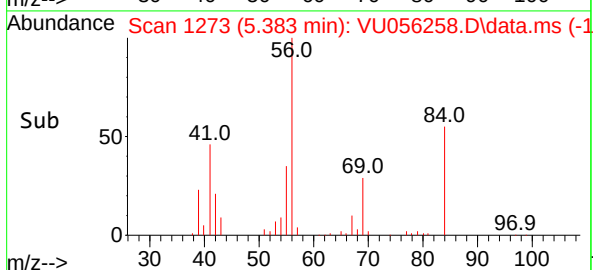
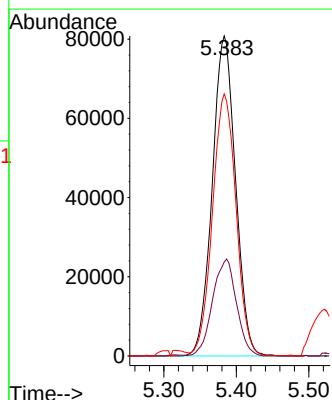
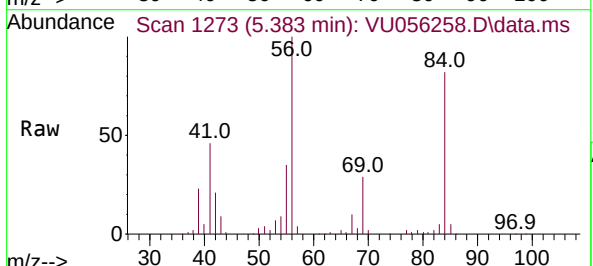
Tgt Ion: 56 Resp: 179998

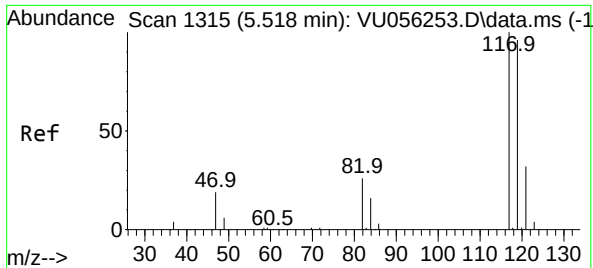
Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.2

84 83.0 68.6 103.0

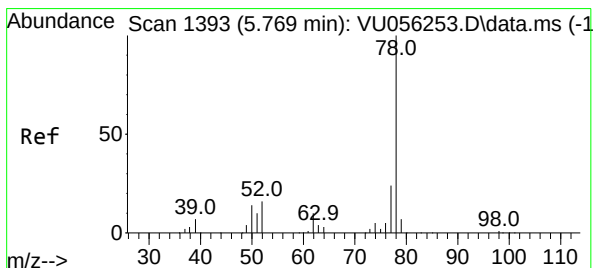
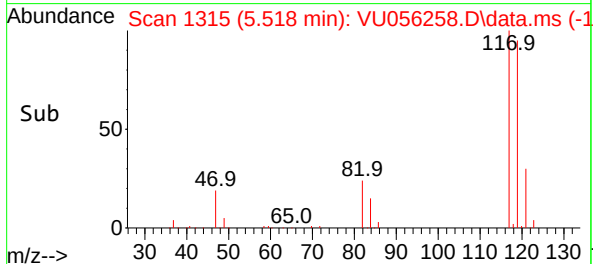
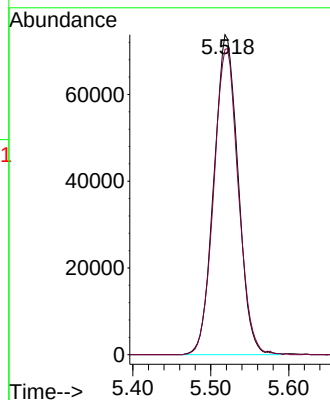
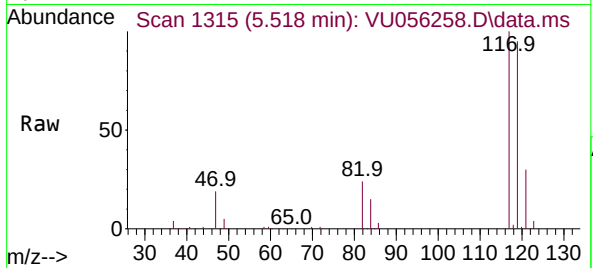




#31
Carbon tetrachloride
Concen: 5.699 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

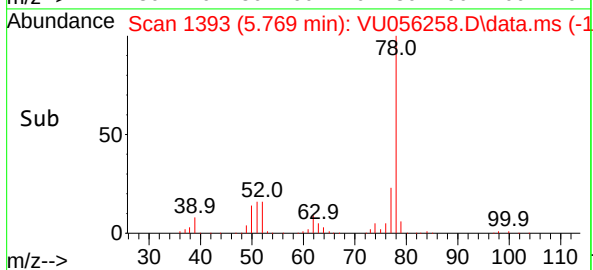
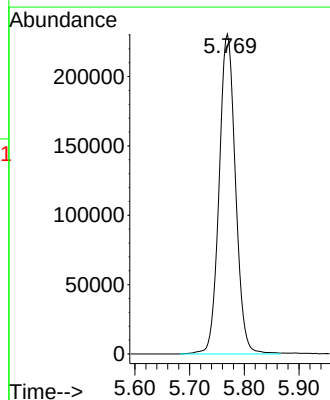
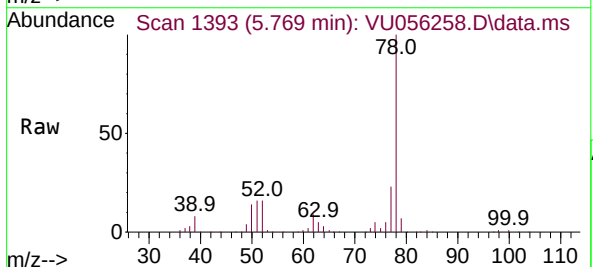
Instrument :
MSVOA_U
ClientSampleId :

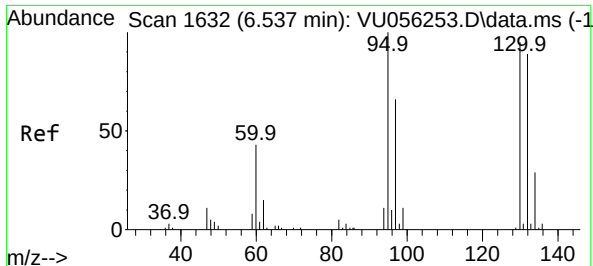
Tgt Ion:117 Resp: 159213
Ion Ratio Lower Upper
117 100
119 97.4 78.1 117.1



#33
Benzene
Concen: 5.940 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

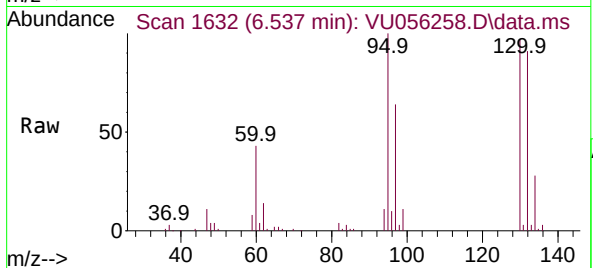
Tgt Ion: 78 Resp: 480241



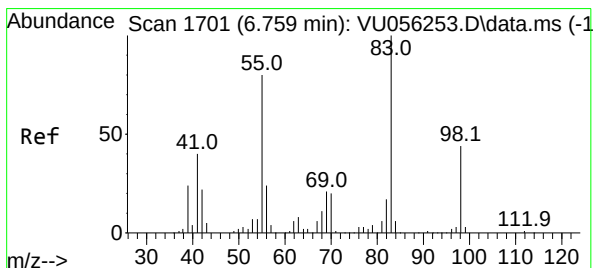
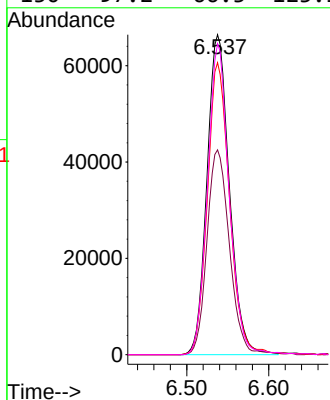
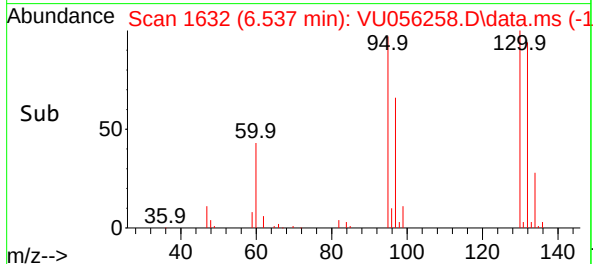


#34
Trichloroethene
Concen: 5.734 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

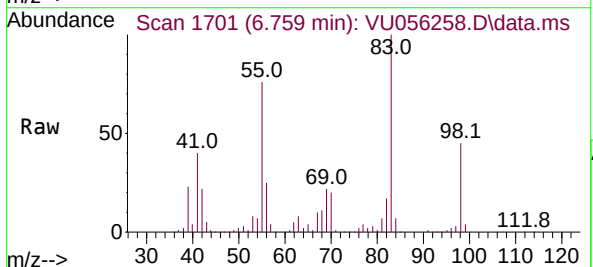
Instrument :
MSVOA_U
ClientSampleId :



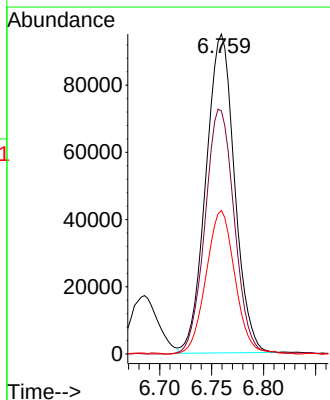
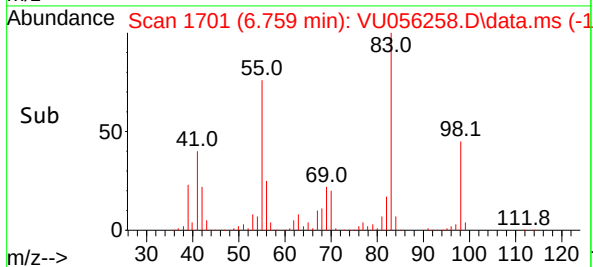
Tgt Ion: 95 Resp: 126310
Ion Ratio Lower Upper
95 100
97 64.0 46.5 86.3
132 91.3 62.0 115.2
130 97.2 66.3 123.1

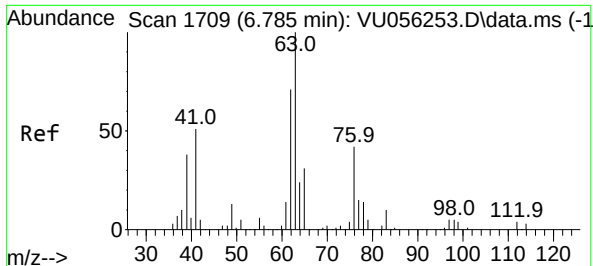


#35
Methylcyclohexane
Concen: 5.727 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48



Tgt Ion: 83 Resp: 182130
Ion Ratio Lower Upper
83 100
55 78.7 62.9 94.3
98 45.5 35.3 52.9





#37

1,2-Dichloropropane

Concen: 6.002 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

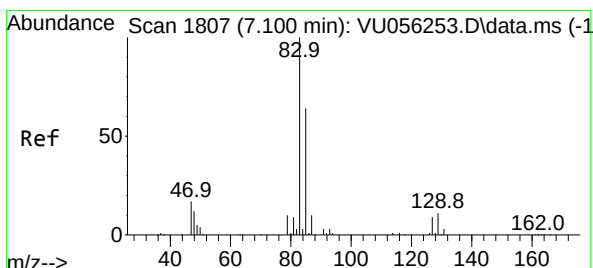
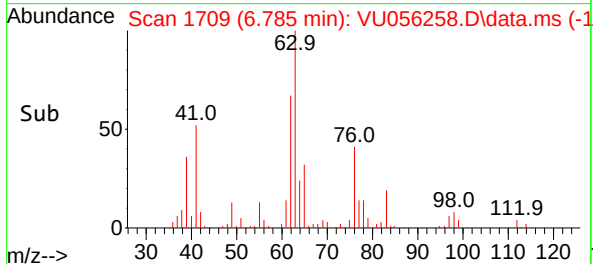
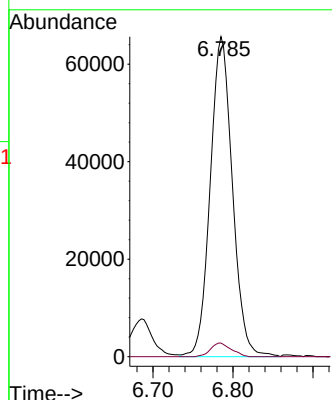
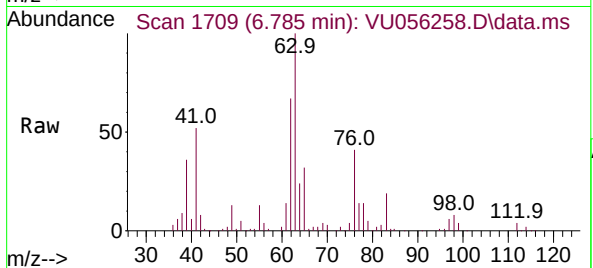
ClientSampleId :

Tgt Ion: 63 Resp: 126536

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 5.721 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

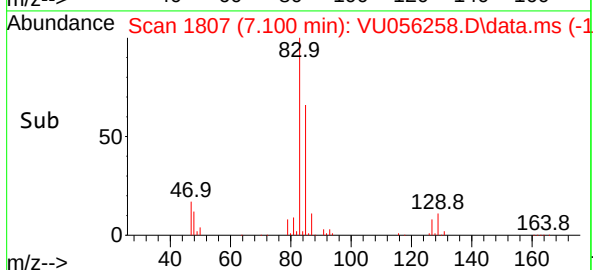
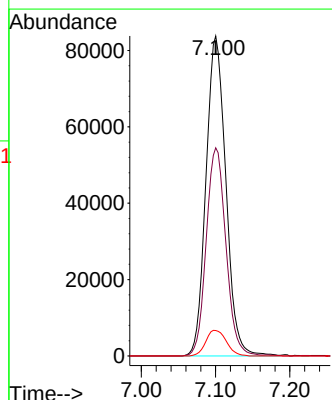
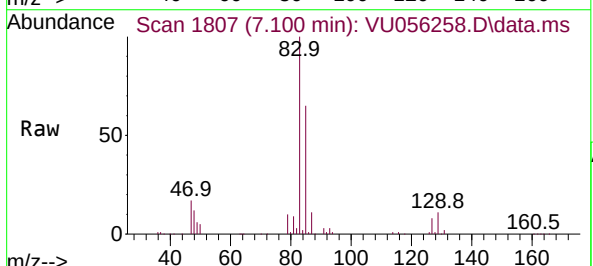
Tgt Ion: 83 Resp: 155719

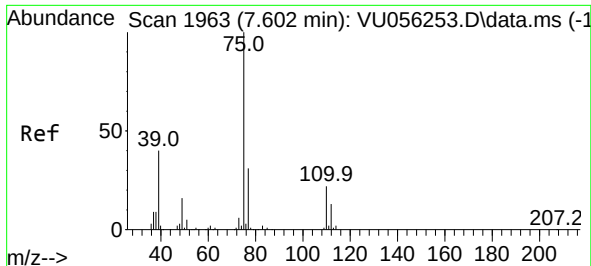
Ion Ratio Lower Upper

83 100

85 65.0 44.9 83.5

127 7.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.865 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

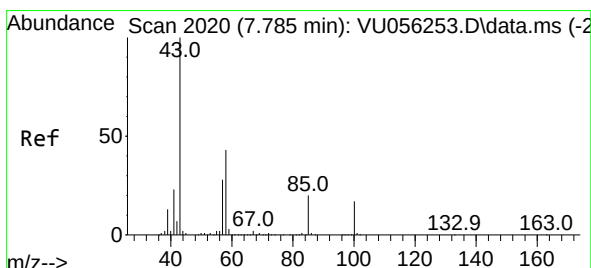
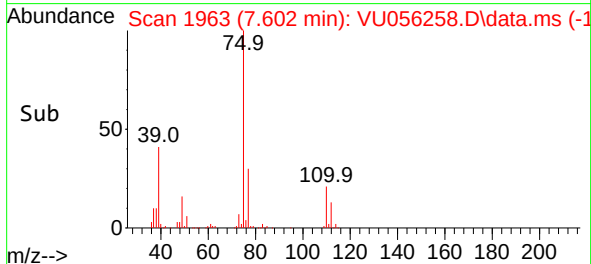
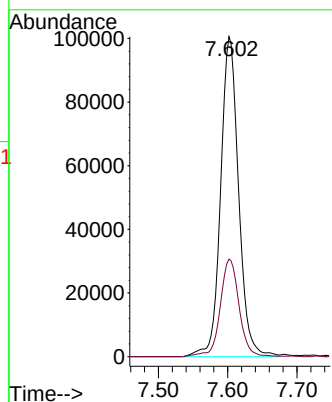
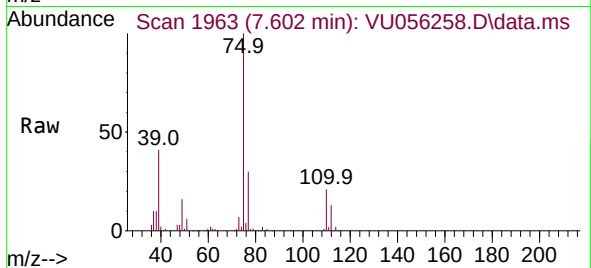
ClientSampleId :

Tgt Ion: 75 Resp: 181691

Ion Ratio Lower Upper

75 100

77 30.5 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 58.504 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

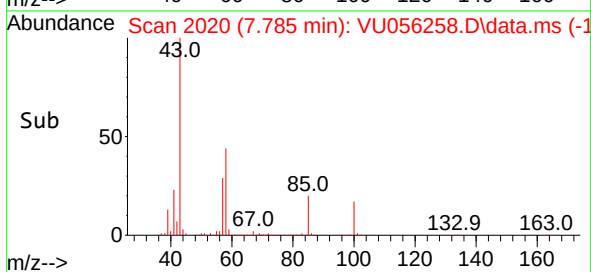
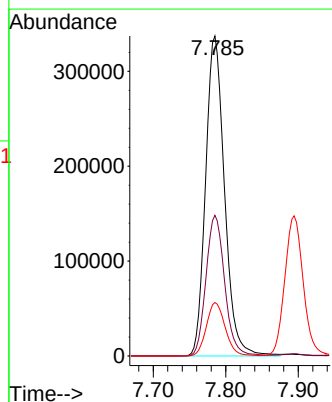
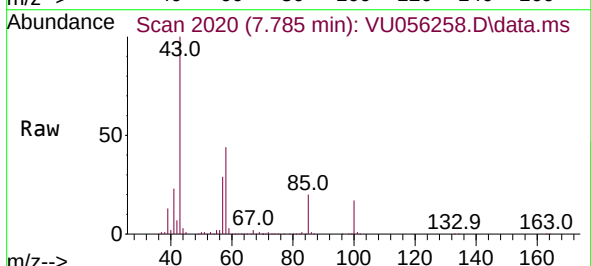
Tgt Ion: 43 Resp: 611455

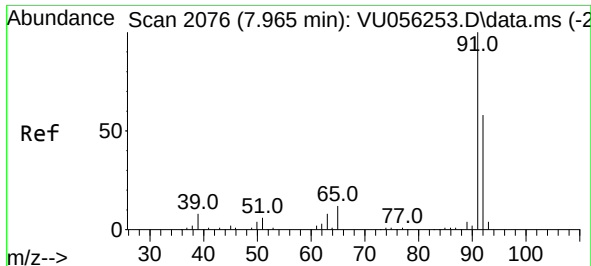
Ion Ratio Lower Upper

43 100

58 43.6 33.8 50.8

100 16.6 13.0 19.4





#42

Toluene

Concen: 5.917 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

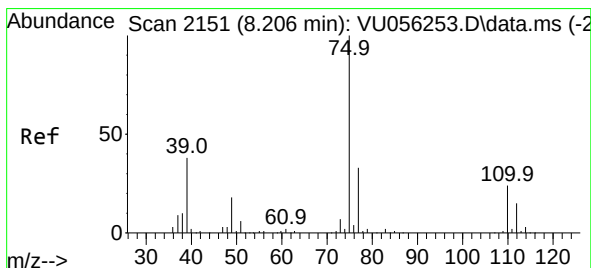
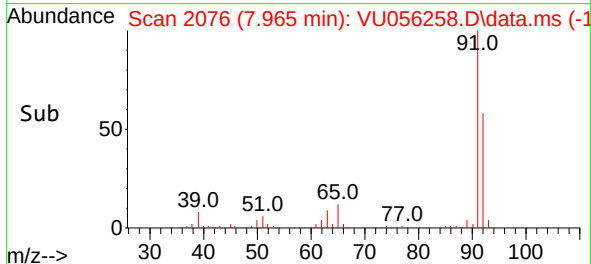
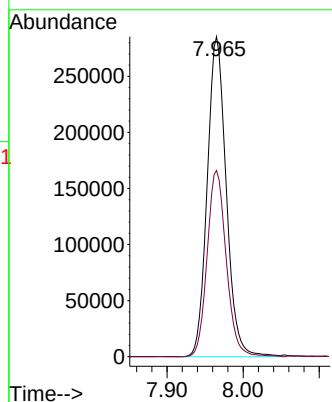
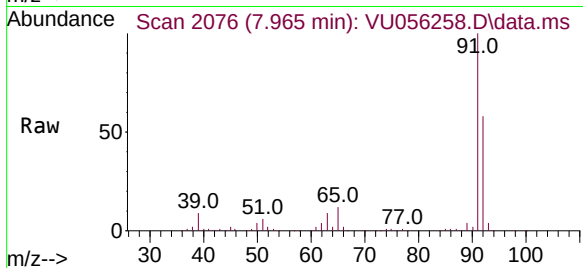
ClientSampleId :

Tgt Ion: 91 Resp: 495268

Ion Ratio Lower Upper

91 100

92 58.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.927 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056258.D

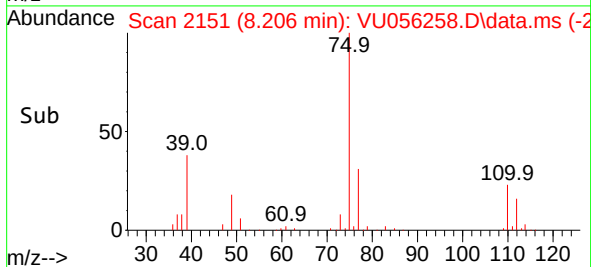
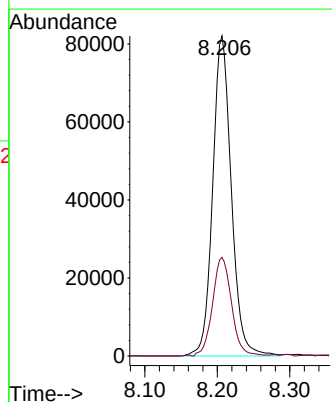
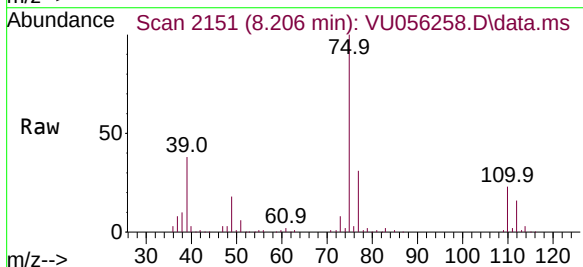
Acq: 13 Nov 2023 17:48

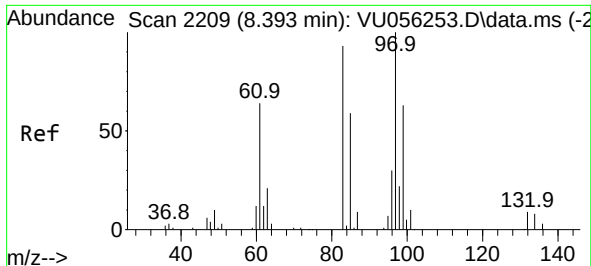
Tgt Ion: 75 Resp: 146380

Ion Ratio Lower Upper

75 100

77 30.8 22.8 42.4

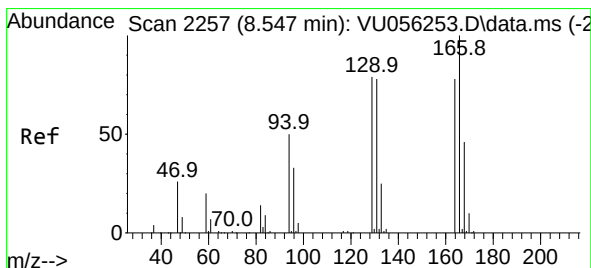
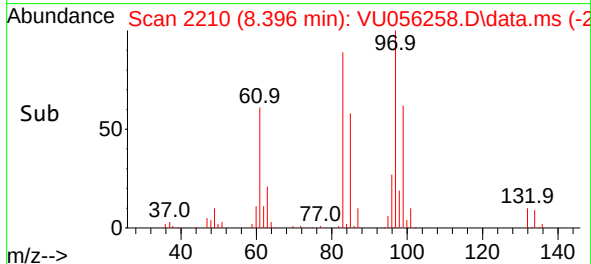
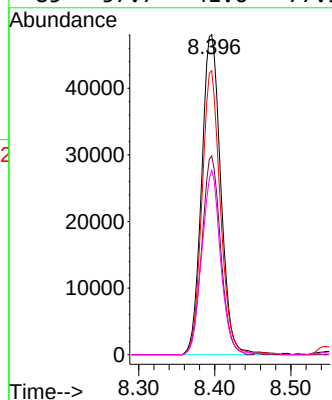
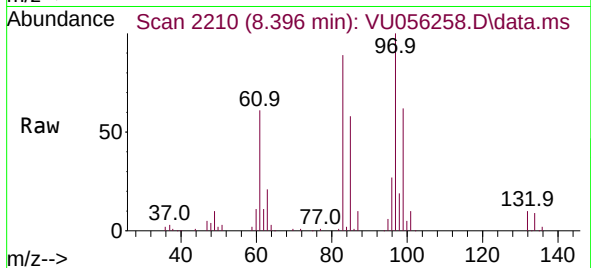




#45
1,1,2-Trichloroethane
Concen: 5.990 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

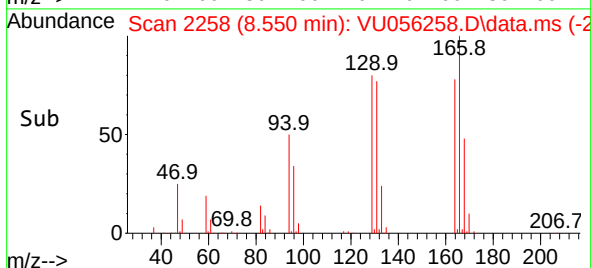
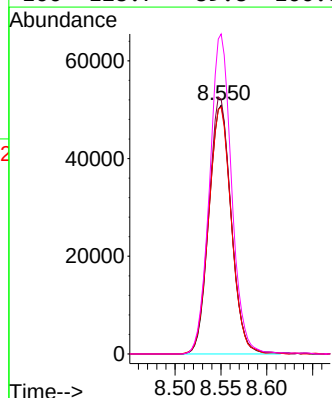
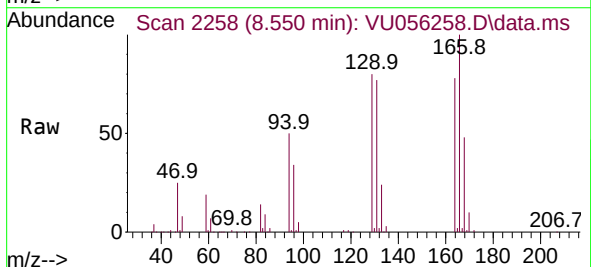
Instrument :
MSVOA_U
ClientSampleId :

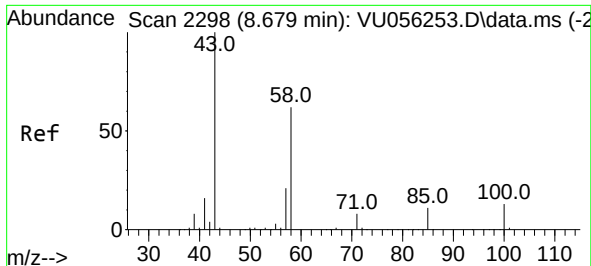
Tgt Ion:	97	Resp:	84107
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.3	82.3
83	88.7	65.4	121.4
85	57.7	41.6	77.3



#47
Tetrachloroethene
Concen: 5.842 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

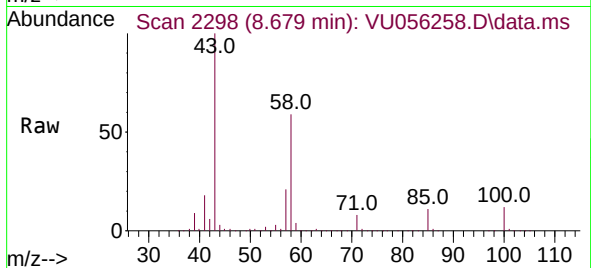
Tgt Ion:	164	Resp:	86771
Ion	Ratio	Lower	Upper
164	100		
129	102.5	71.0	131.9
131	99.3	70.3	130.7
166	128.7	89.8	166.8



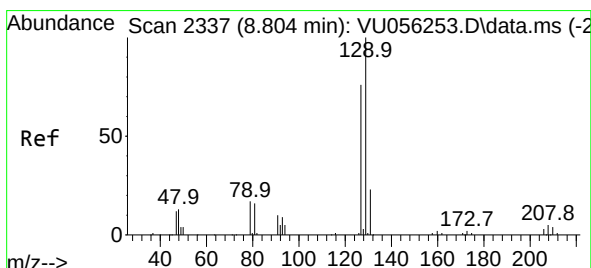
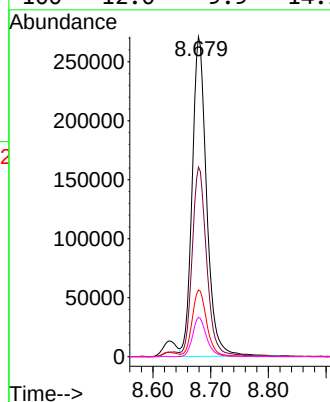
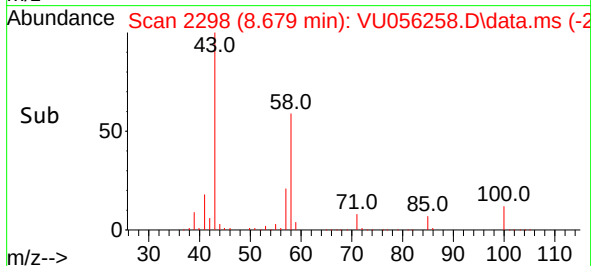


#48
2-Hexanone
Concen: 57.943 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

Instrument :
MSVOA_U
ClientSampleId :

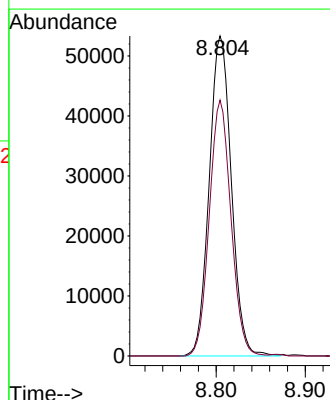
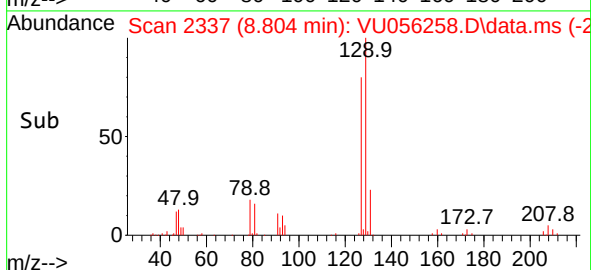
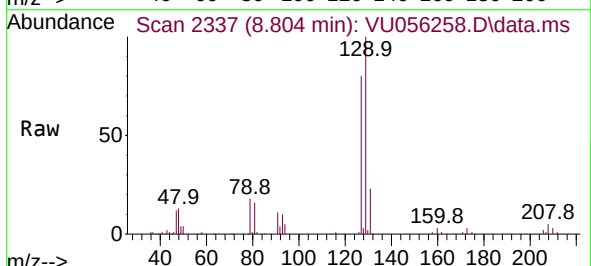


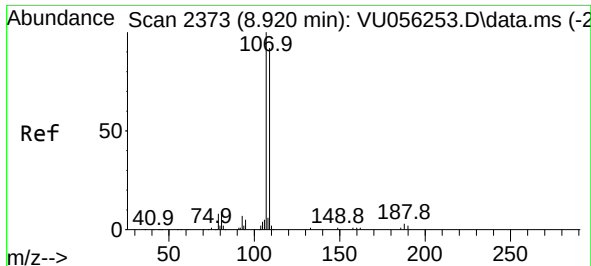
Tgt Ion:	43	Resp:	471779
Ion	Ratio	Lower	Upper
43	100		
58	58.8	48.7	73.1
57	21.2	16.8	25.2
100	12.0	9.9	14.9



#49
Dibromochloromethane
Concen: 5.760 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

Tgt Ion:	129	Resp:	91973
Ion	Ratio	Lower	Upper
129	100		
127	80.0	52.9	98.3





#50

1,2-Dibromoethane

Concen: 5.886 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

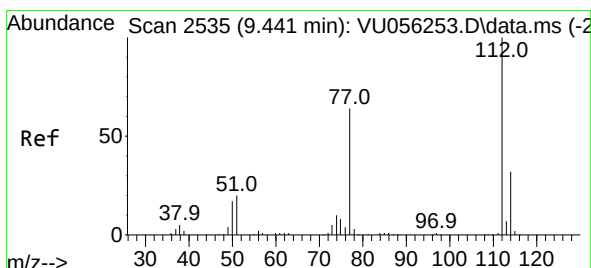
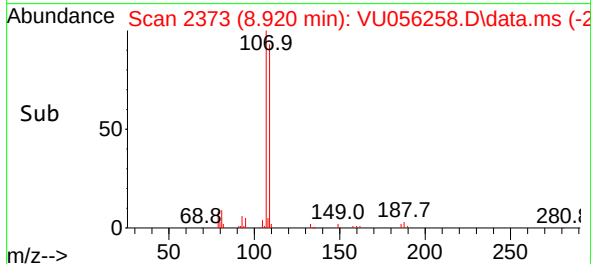
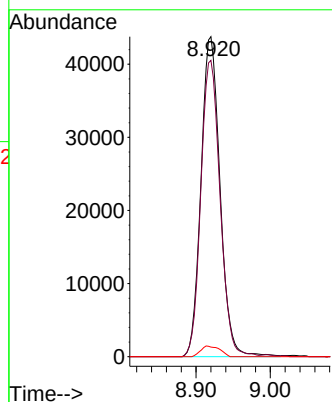
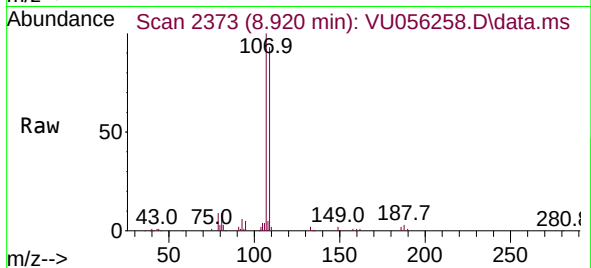
Tgt Ion:107 Resp: 78027

Ion Ratio Lower Upper

107 100

109 92.6 64.2 119.2

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 5.728 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

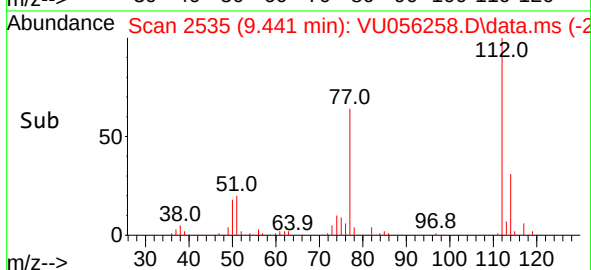
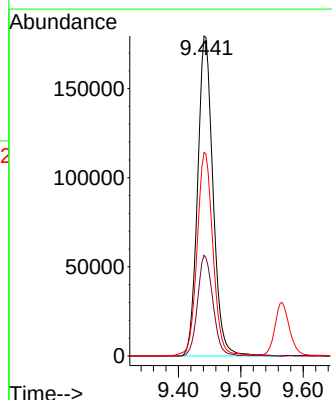
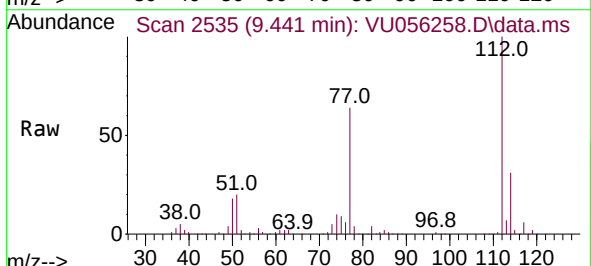
Tgt Ion:112 Resp: 308088

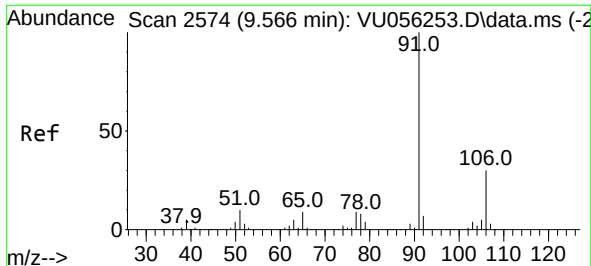
Ion Ratio Lower Upper

112 100

114 31.4 22.5 41.7

77 63.6 51.7 77.5

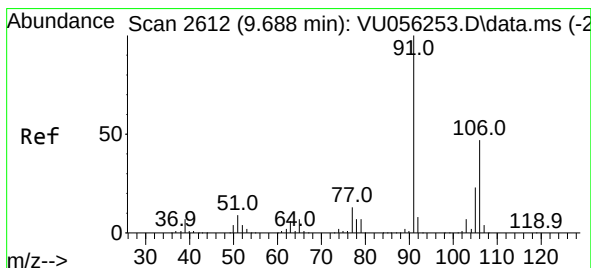
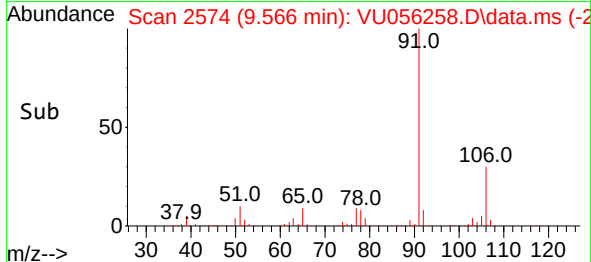
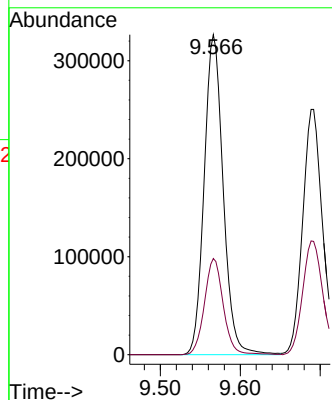
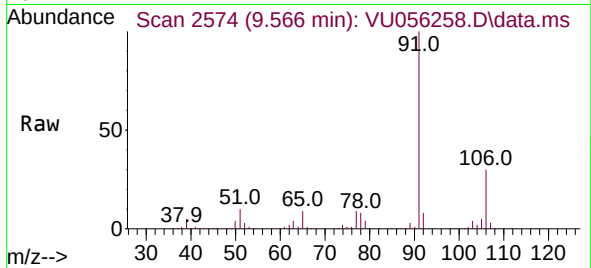




#52
Ethylbenzene
Concen: 5.811 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

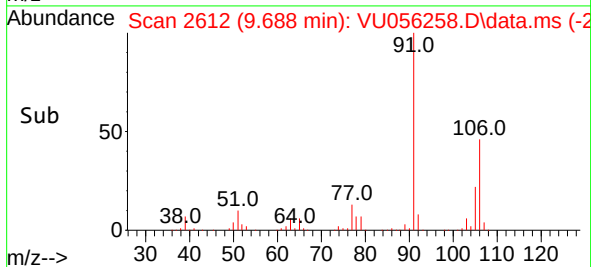
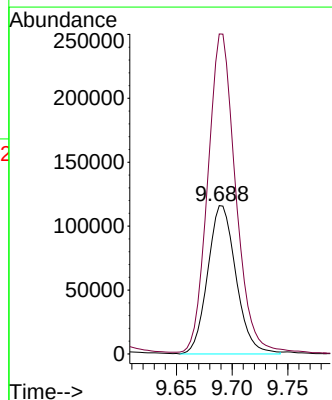
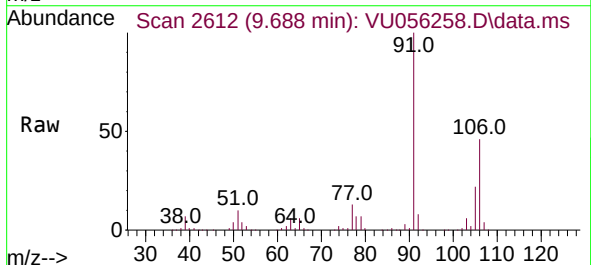
Instrument :
MSVOA_U
ClientSampleId :

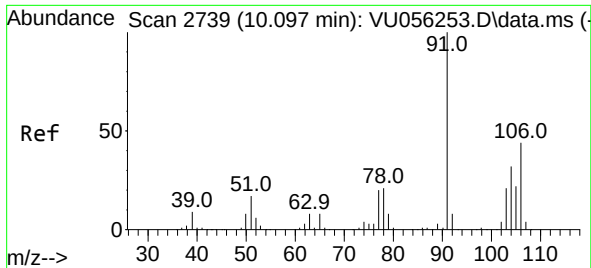
Tgt Ion: 91 Resp: 540160
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 6.001 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

Tgt Ion: 106 Resp: 205051
Ion Ratio Lower Upper
106 100
91 215.6 149.6 277.8

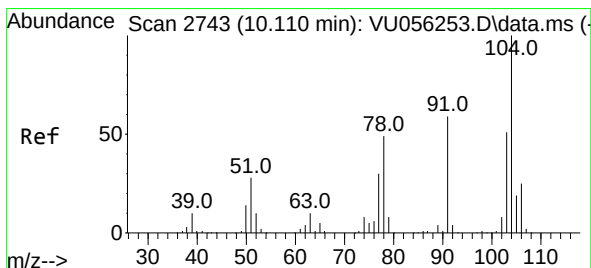
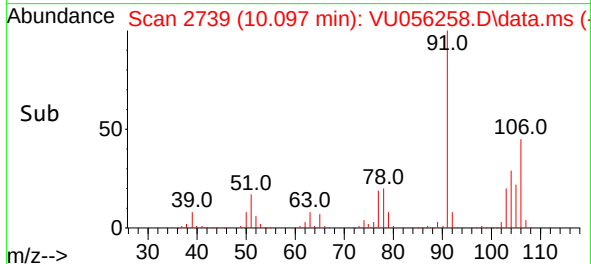
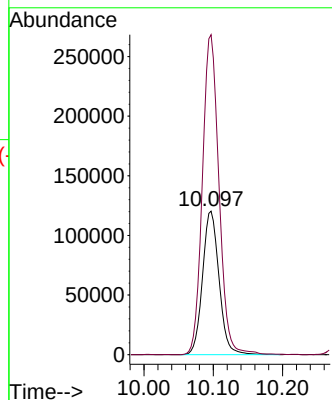
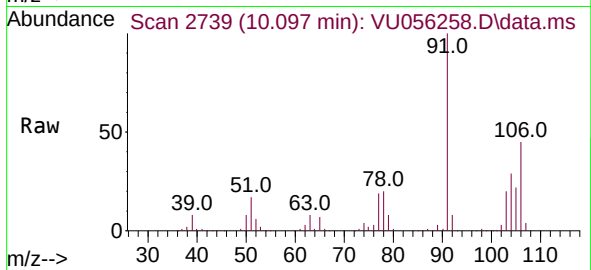




#54
o-Xylene
Concen: 6.003 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

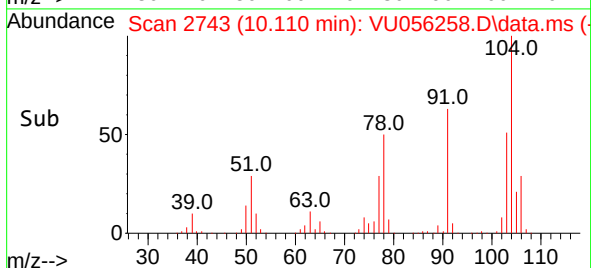
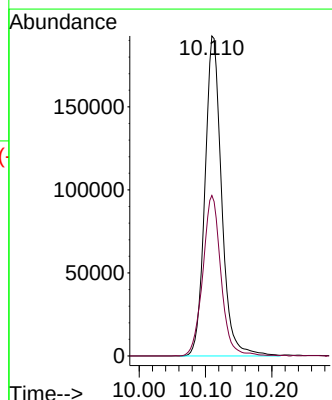
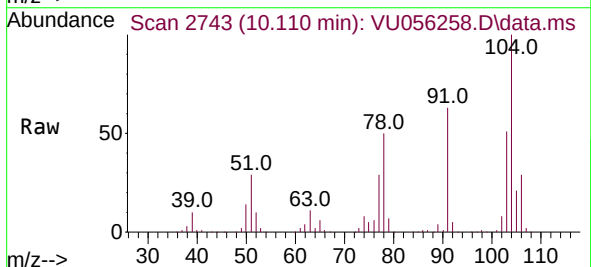
Instrument :
MSVOA_U
ClientSampleId :

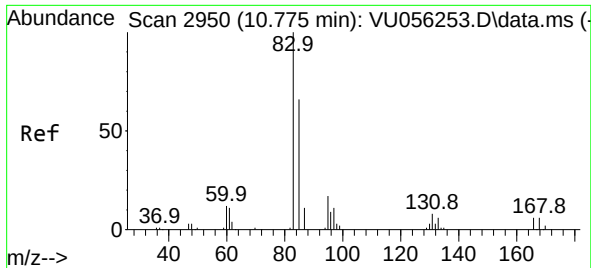
Tgt Ion:106 Resp: 199255
Ion Ratio Lower Upper
106 100
91 223.0 159.3 295.9



#55
Styrene
Concen: 6.110 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

Tgt Ion:104 Resp: 337348
Ion Ratio Lower Upper
104 100
78 50.2 34.2 63.6

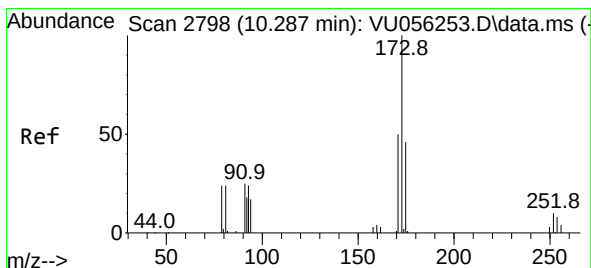
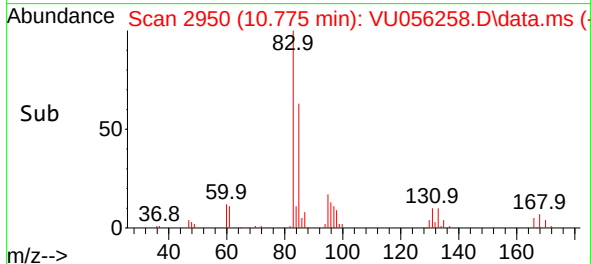
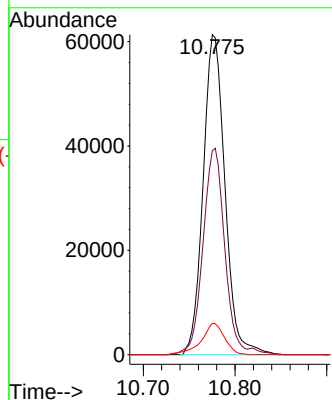
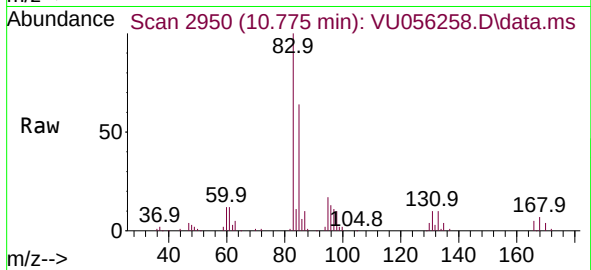




#57
1,1,2,2-Tetrachloroethane
Concen: 5.922 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

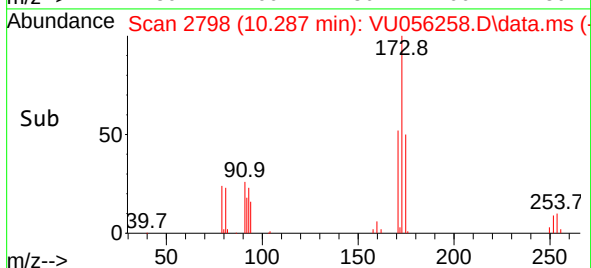
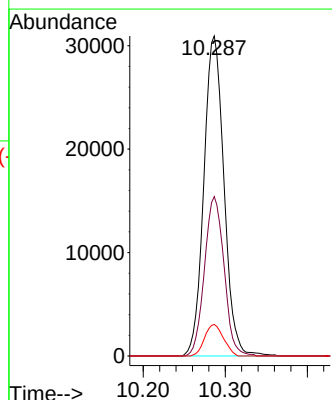
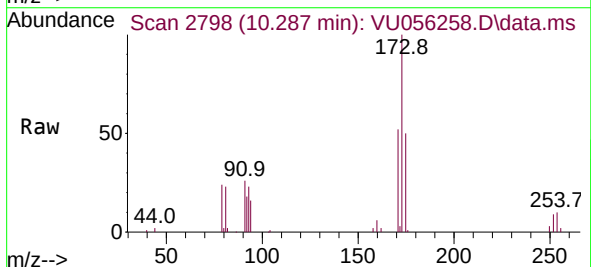
Instrument :
MSVOA_U
ClientSampleId :

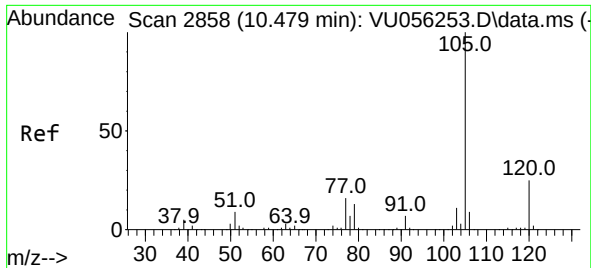
Tgt Ion: 83 Resp: 101534
Ion Ratio Lower Upper
83 100
85 63.7 46.3 86.1
131 9.8 6.7 10.1



#59
Bromoform
Concen: 6.256 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

Tgt Ion:173 Resp: 52873
Ion Ratio Lower Upper
173 100
175 48.3 38.9 58.3
254 9.2 6.7 10.1

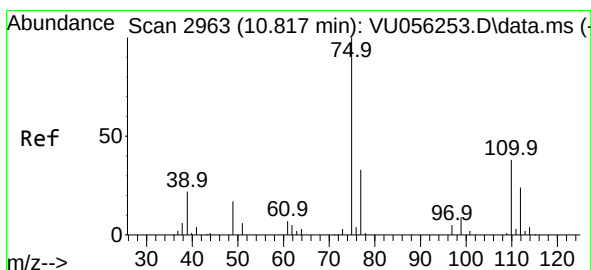
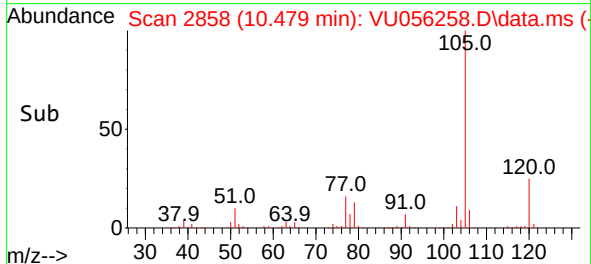
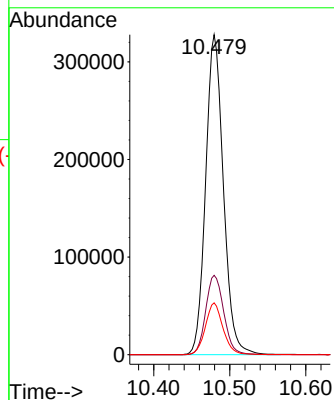
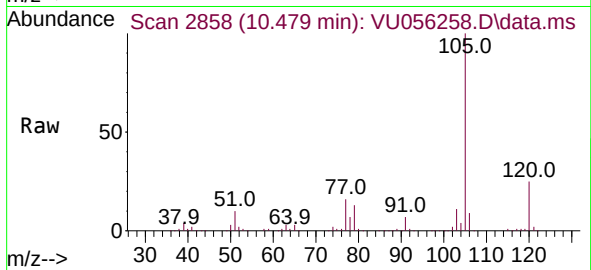




#60
Isopropylbenzene
Concen: 6.076 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

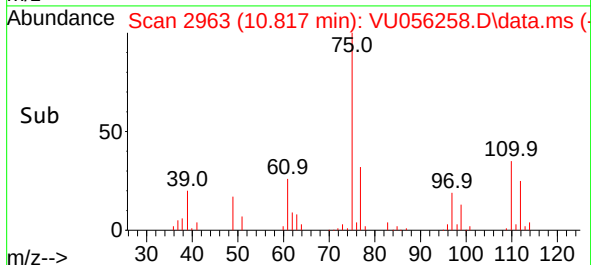
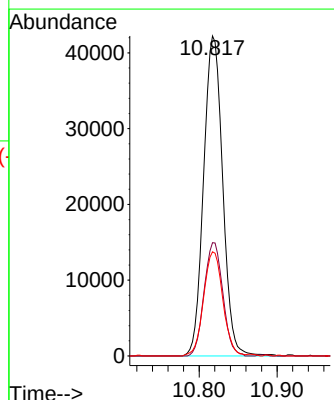
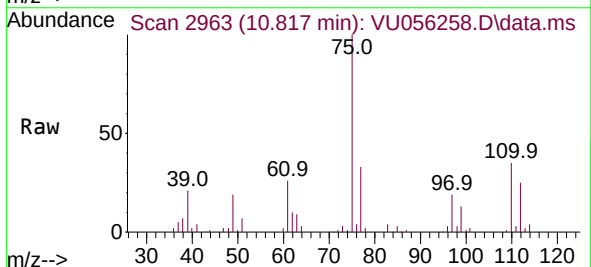
Instrument :
MSVOA_U
ClientSampleId :

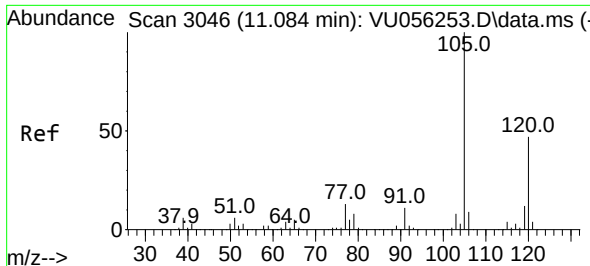
Tgt Ion:105 Resp: 531727
Ion Ratio Lower Upper
105 100
120 25.2 20.4 30.6
77 16.1 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 6.168 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

Tgt Ion: 75 Resp: 71812
Ion Ratio Lower Upper
75 100
110 34.7 30.4 45.6
77 32.8 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 6.015 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

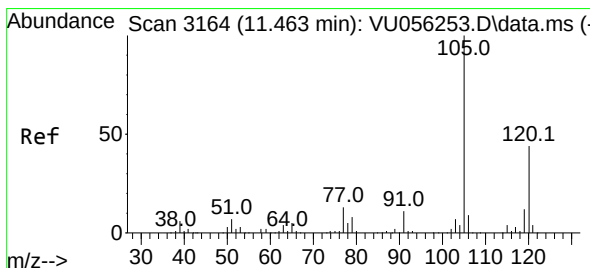
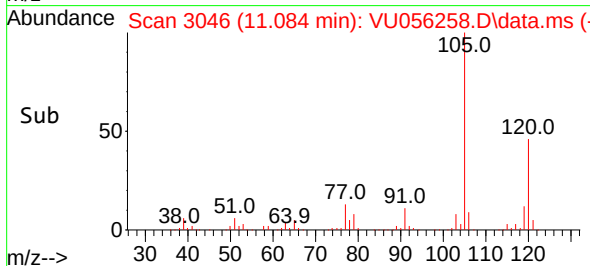
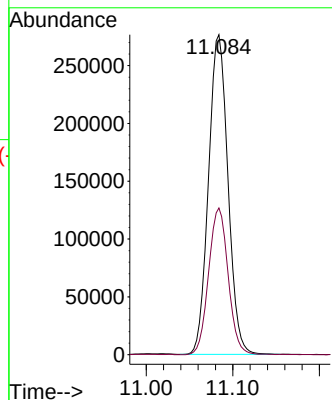
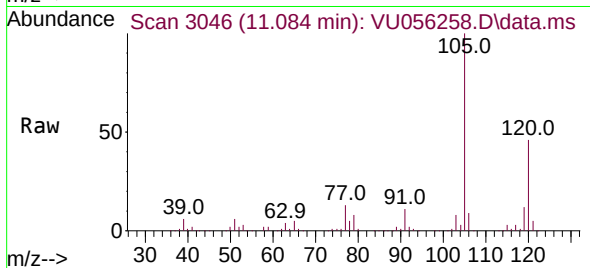
ClientSampleId :

Tgt Ion:105 Resp: 432150

Ion Ratio Lower Upper

105 100

120 46.1 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 6.215 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU056258.D

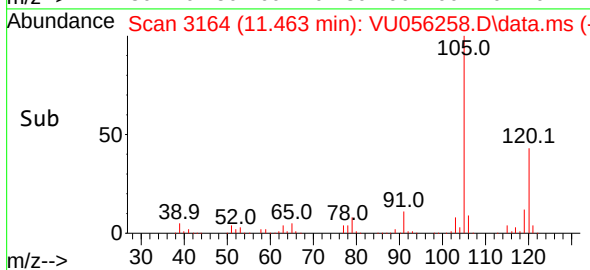
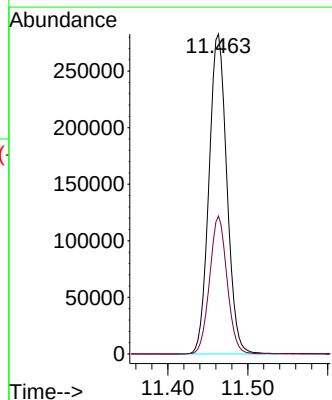
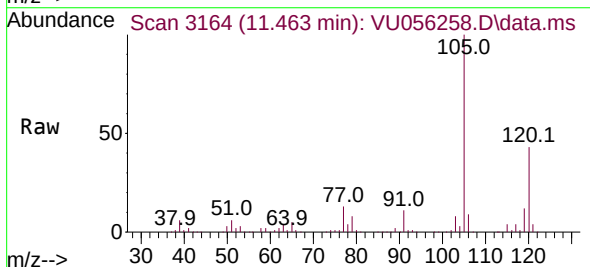
Acq: 13 Nov 2023 17:48

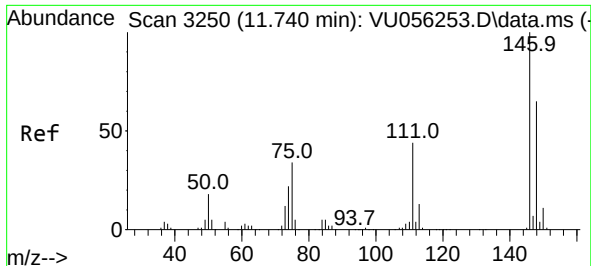
Tgt Ion:105 Resp: 440791

Ion Ratio Lower Upper

105 100

120 42.0 34.0 51.0

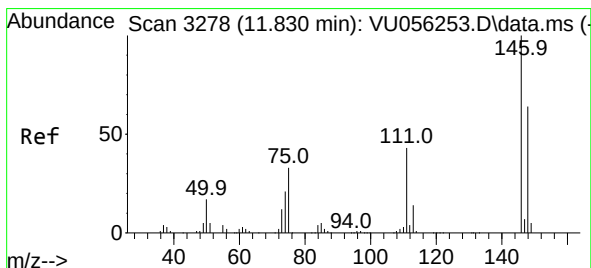
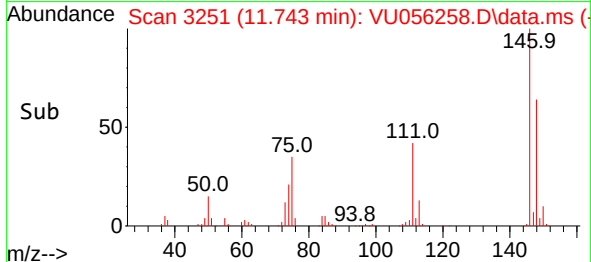
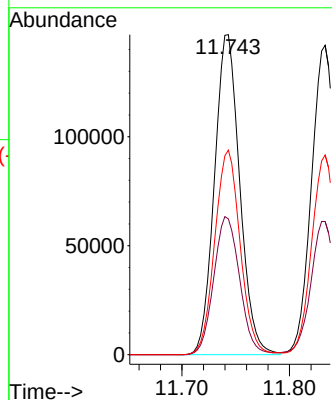
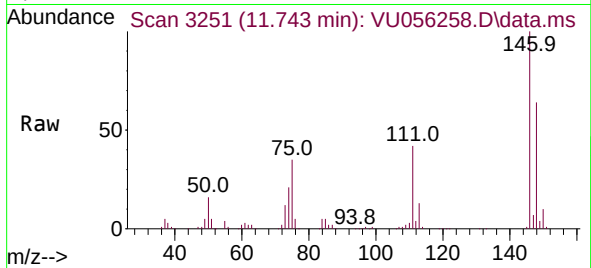




#64
1,3-Dichlorobenzene
Concen: 6.036 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

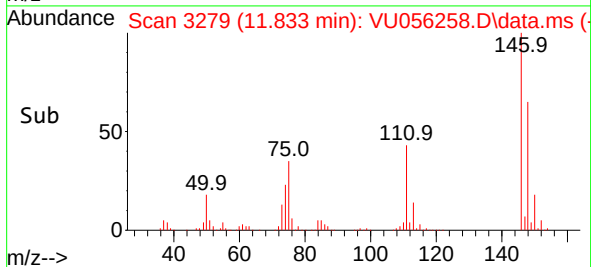
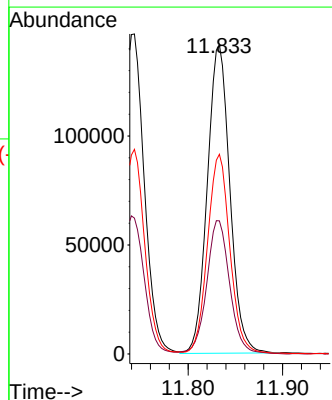
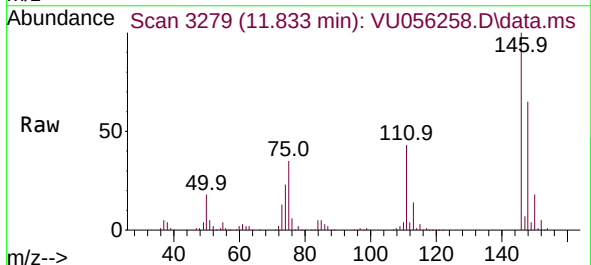
Instrument :
MSVOA_U
ClientSampleId :

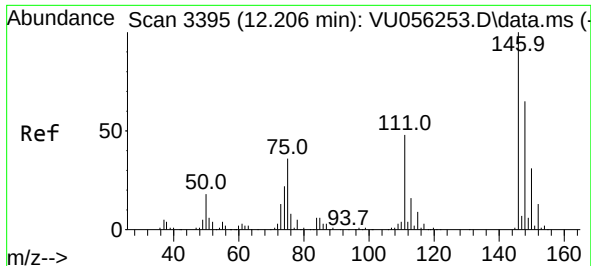
Tgt Ion:146 Resp: 240259
Ion Ratio Lower Upper
146 100
111 42.4 31.1 57.7
148 63.9 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.870 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056258.D
Acq: 13 Nov 2023 17:48

Tgt Ion:146 Resp: 234355
Ion Ratio Lower Upper
146 100
111 43.1 30.5 56.7
148 64.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.950 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

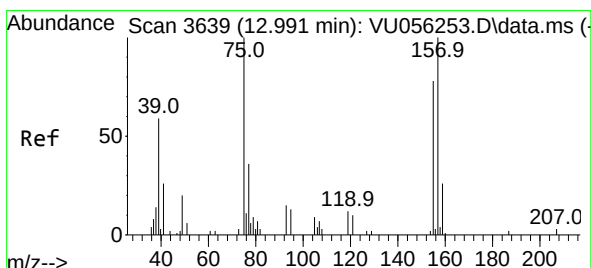
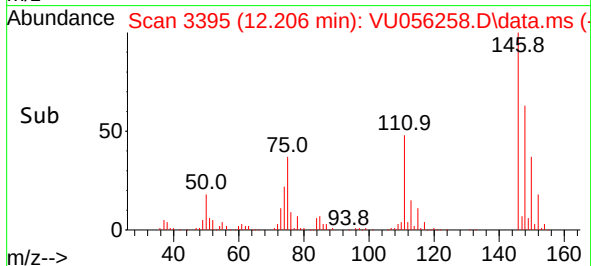
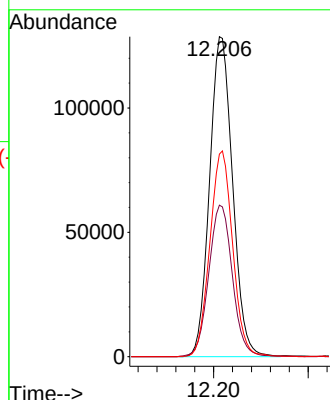
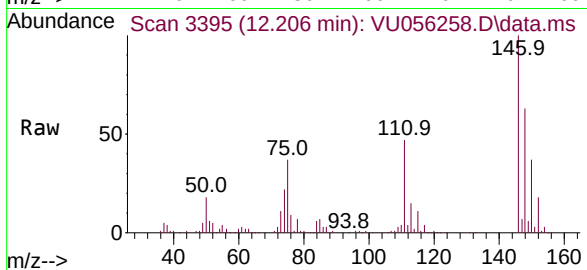
Tgt Ion:146 Resp: 217281

Ion Ratio Lower Upper

146 100

111 47.3 38.3 57.5

148 63.3 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.778 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

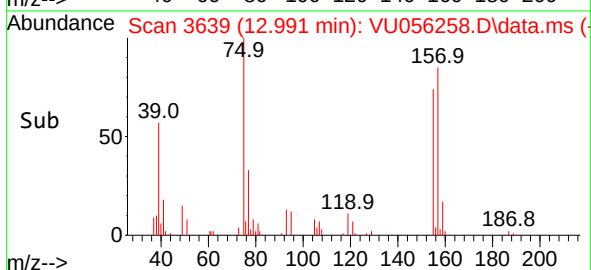
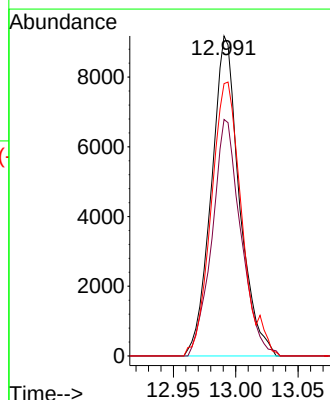
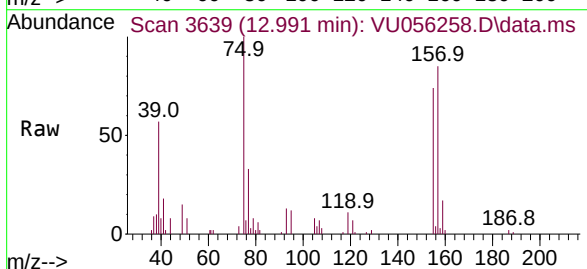
Tgt Ion: 75 Resp: 14368

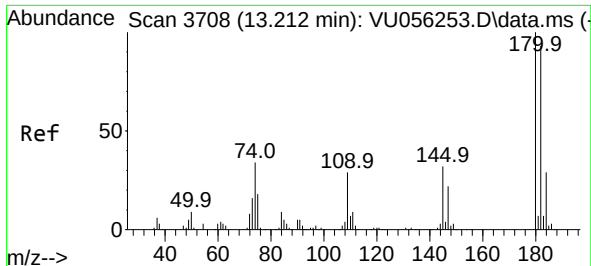
Ion Ratio Lower Upper

75 100

155 73.9 62.4 93.6

157 85.1 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.903 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 176904

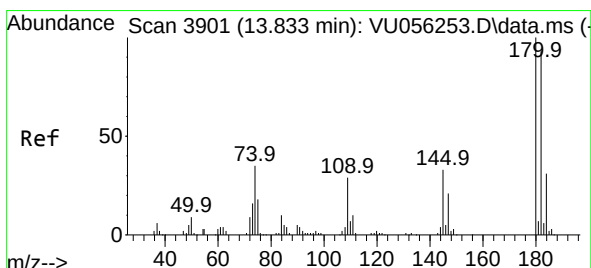
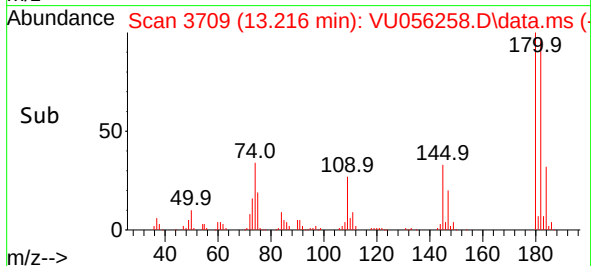
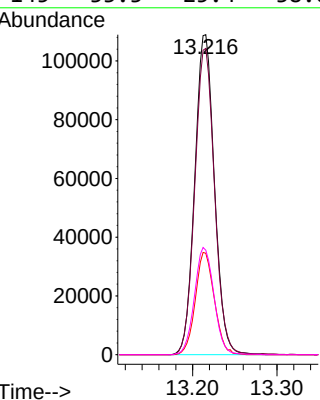
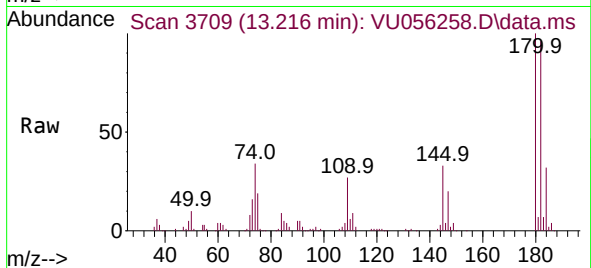
Ion Ratio Lower Upper

180 100

182 96.1 75.1 112.7

184 30.9 23.5 35.3

145 33.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.949 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

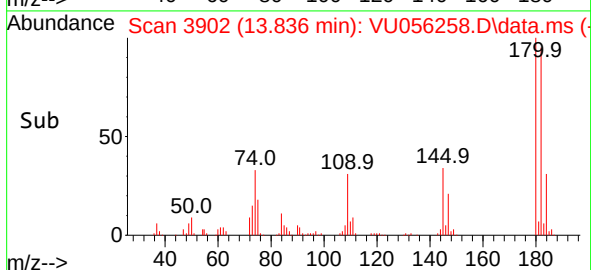
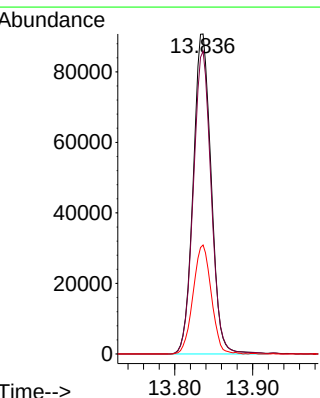
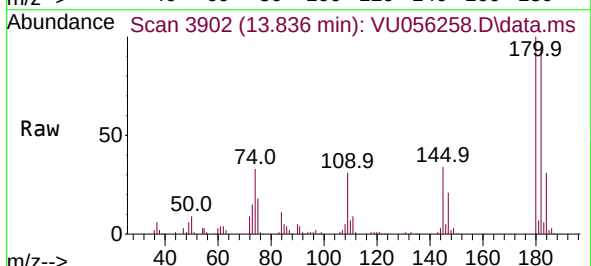
Tgt Ion:180 Resp: 145221

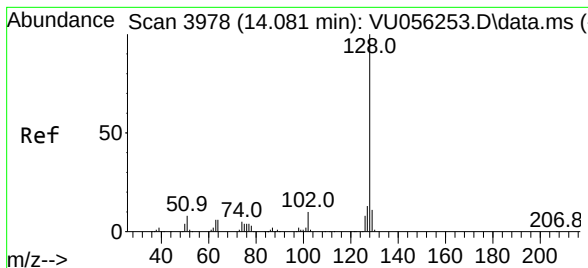
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.2

145 34.6 26.8 40.2





#71

Naphthalene

Concen: 6.177 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

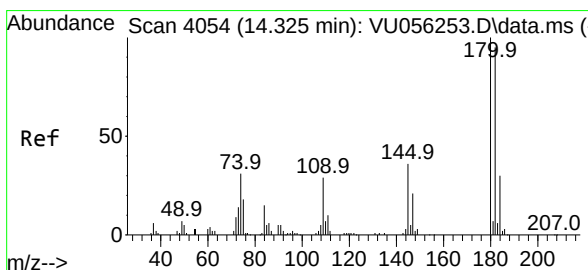
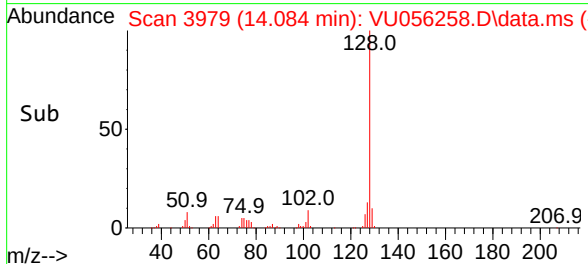
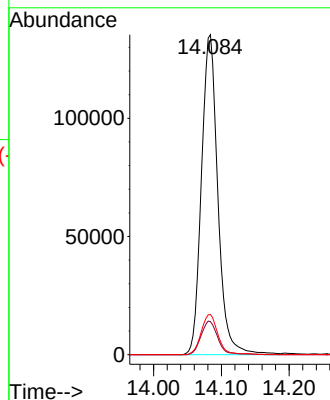
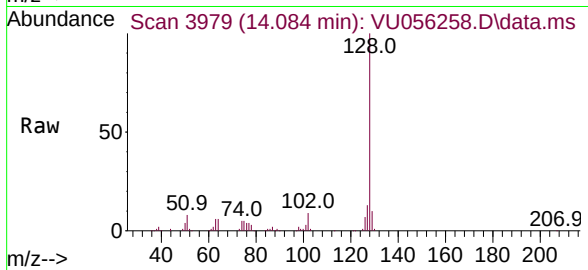
Tgt Ion:128 Resp: 227825

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.7 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 6.149 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU056258.D

Acq: 13 Nov 2023 17:48

Tgt Ion:180 Resp: 123640

Ion Ratio Lower Upper

180 100

182 94.5 78.6 117.8

145 35.6 29.0 43.6

