

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056109.D
 Acq On : 07 Nov 2023 19:25
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:46:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	378988	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	367561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	184488	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	107971	4.590	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.904	69	84903	5.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.563	65	48973	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	4.618	46	190448	49.349	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.700%
24) Chloroform-d	5.055	84	213646	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	94471	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.721	84	432430	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.685	67	124757	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	402426	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.177	79	47212	4.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.627	63	165925	50.964	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	93102	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	139217	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	164610	5.121	ug/L	99
3) Chloromethane	1.515	50	150494	4.998	ug/L	98
5) Vinyl chloride	1.602	62	157032	5.042	ug/L	100
6) Bromomethane	1.849	94	79914	4.467	ug/L	100
8) Chloroethane	1.927	64	93722	5.550	ug/L	99
9) Trichlorofluoromethane	2.132	101	211832	5.142	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	136611	5.205	ug/L	98
12) 1,1-Dichloroethene	2.576	96	125319	5.145	ug/L	96
13) Acetone	2.621	43	140419	49.337	ug/L	100
14) Carbon disulfide	2.788	76	409593	4.935	ug/L	99
15) Methyl Acetate	2.946	43	41155	5.125	ug/L	100
16) Methylene chloride	3.039	84	142121	5.088	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	282709	5.152	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	131695	5.102	ug/L	96
19) 1,1-Dichloroethane	3.862	63	238672	5.069	ug/L	97
21) 2-Butanone	4.695	43	245285	52.258	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	143723	5.158	ug/L	97
23) Bromochloromethane	4.968	128	62652	5.068	ug/L	99
25) Chloroform	5.081	83	269808	5.378	ug/L	99

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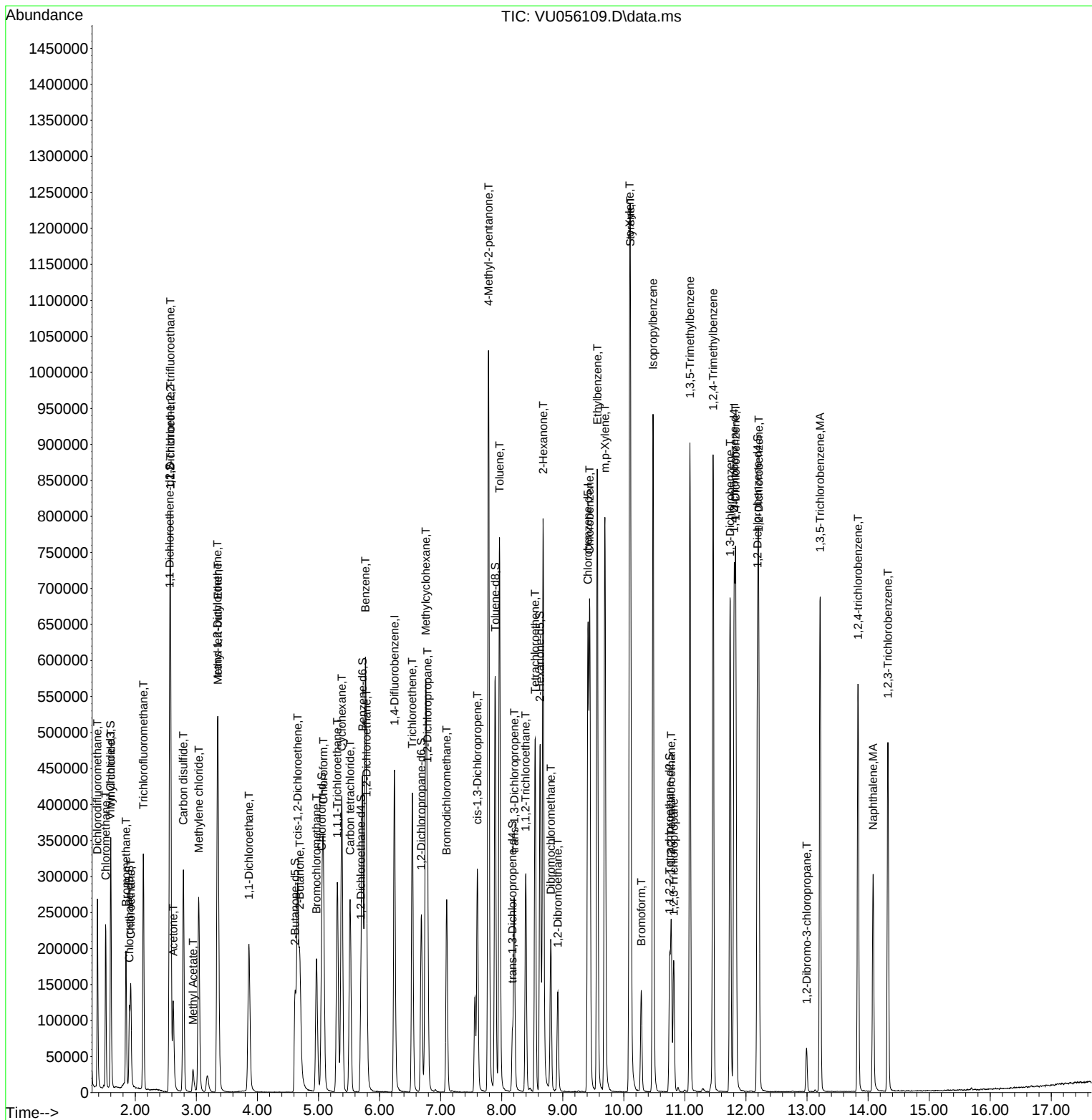
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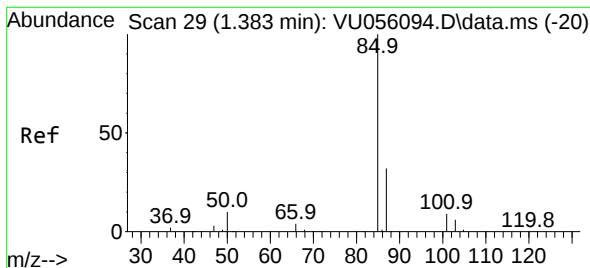
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	145213	5.114	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	220332	5.233	ug/L	99
30) Cyclohexane	5.383	56	205158	5.215	ug/L	99
31) Carbon tetrachloride	5.518	117	194978	5.215	ug/L	98
33) Benzene	5.769	78	552726	5.252	ug/L	100
34) Trichloroethene	6.537	95	150127	5.222	ug/L	96
35) Methylcyclohexane	6.759	83	223454	5.230	ug/L	98
37) 1,2-Dichloropropane	6.785	63	139293	5.090	ug/L	100
38) Bromodichloromethane	7.100	83	179451	5.251	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	196571	5.089	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	640389	53.493	ug/L	99
42) Toluene	7.965	91	585443	5.277	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	158778	5.077	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	97617	5.217	ug/L	98
47) Tetrachloroethene	8.550	164	110420	5.118	ug/L	96
48) 2-Hexanone	8.679	43	467254	53.607	ug/L	99
49) Dibromochloromethane	8.804	129	111549	5.196	ug/L	98
50) 1,2-Dibromoethane	8.920	107	92921	5.315	ug/L	98
51) Chlorobenzene	9.441	112	367913	5.140	ug/L	99
52) Ethylbenzene	9.566	91	630397	5.214	ug/L	99
53) m,p-Xylene	9.692	106	244812	5.324	ug/L	97
54) o-Xylene	10.097	106	236972	5.376	ug/L	96
55) Styrene	10.110	104	398495	5.526	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	117081	5.325	ug/L	97
59) Bromoform	10.286	173	66071	5.157	ug/L	99
60) Isopropylbenzene	10.479	105	631802	5.282	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	80891	5.080	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	506384	5.220	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	499079	5.245	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	294415	5.197	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	288422	5.149	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	270984	5.191	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	17186	5.116	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	215090	5.069	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	174920	5.196	ug/L	99
71) Naphthalene	14.084	128	252734	5.062	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	154683	5.241	ug/L	99

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

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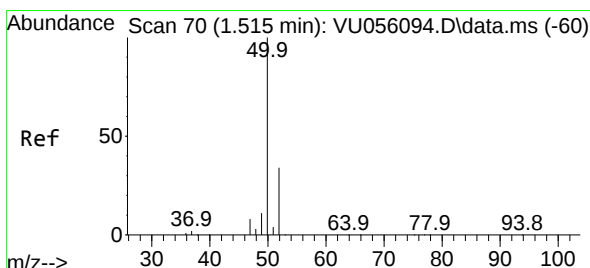
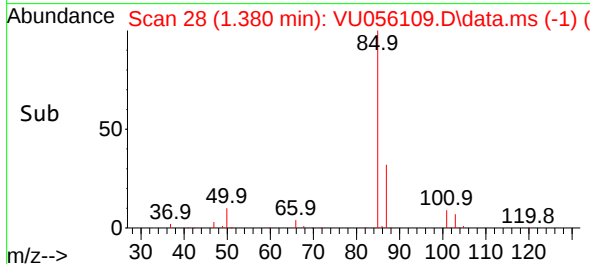
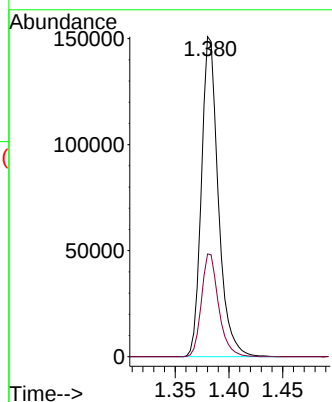
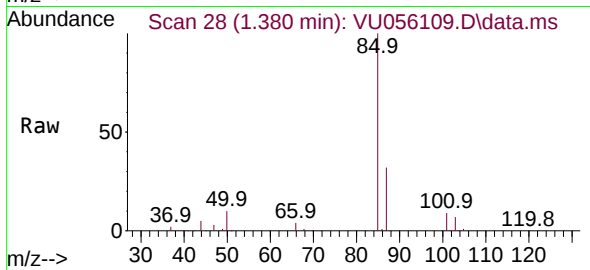




#2
 Dichlorodifluoromethane
 Concen: 5.121 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU056109.D
 Acq: 07 Nov 2023 19:25

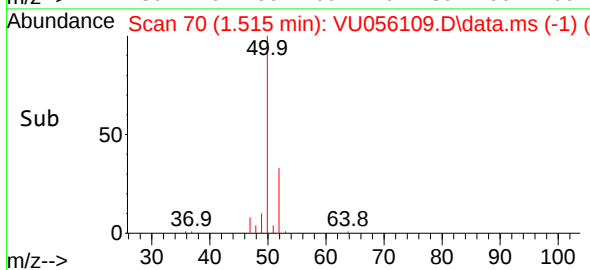
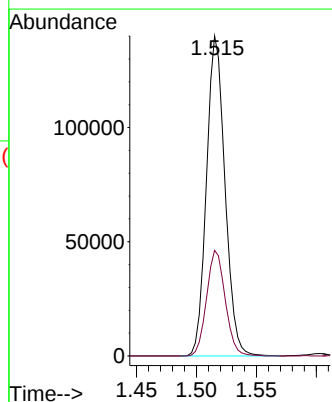
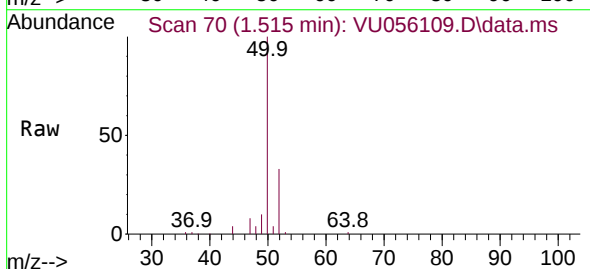
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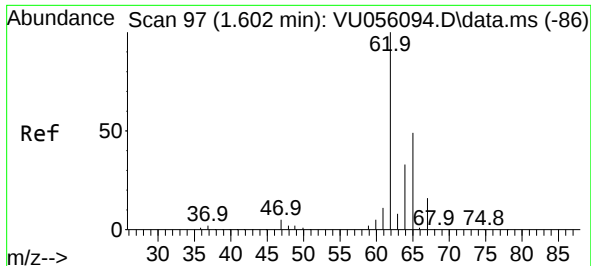
Tgt Ion: 85 Resp: 164610
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.4 39.6



#3
 Chloromethane
 Concen: 4.998 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056109.D
 Acq: 07 Nov 2023 19:25

Tgt Ion: 50 Resp: 150494
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.2 41.2

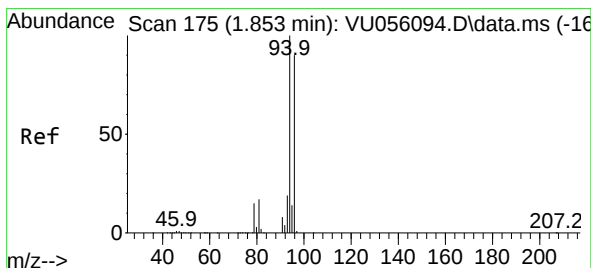
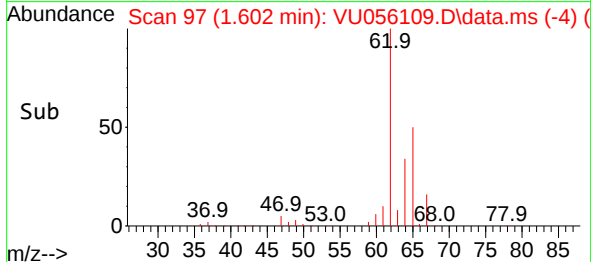
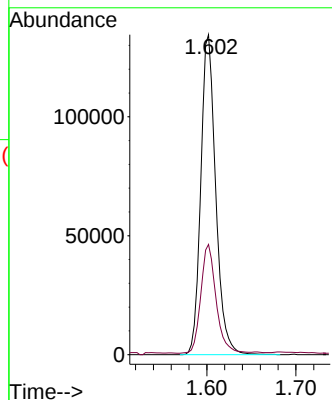
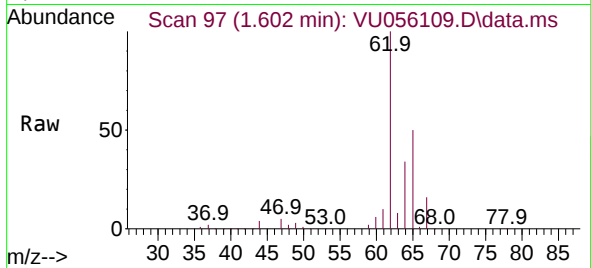




#5
 Vinyl chloride
 Concen: 5.042 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056109.D
 Acq: 07 Nov 2023 19:25

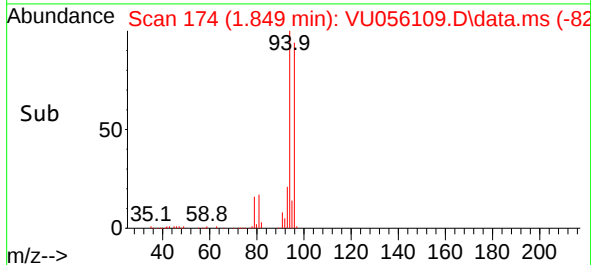
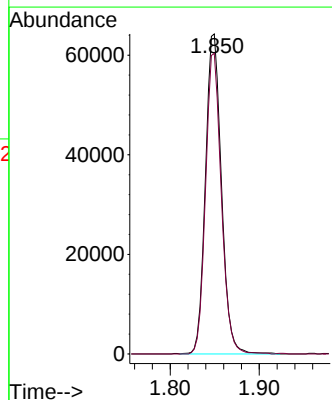
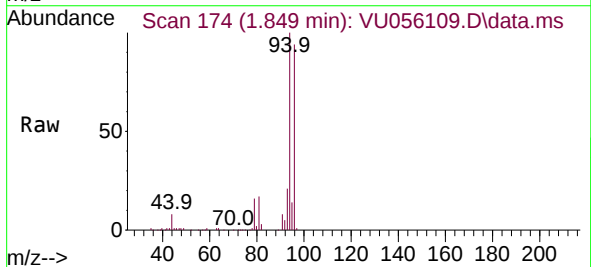
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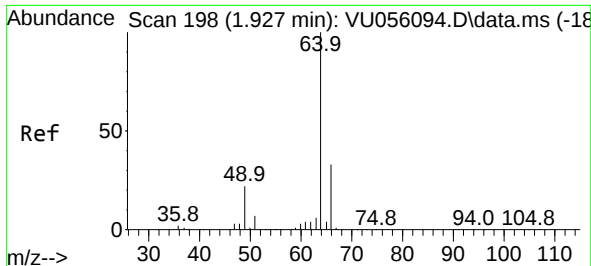
Tgt Ion: 62 Resp: 157032
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.1 44.7



#6
 Bromomethane
 Concen: 4.467 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU056109.D
 Acq: 07 Nov 2023 19:25

Tgt Ion: 94 Resp: 79914
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.6 121.8

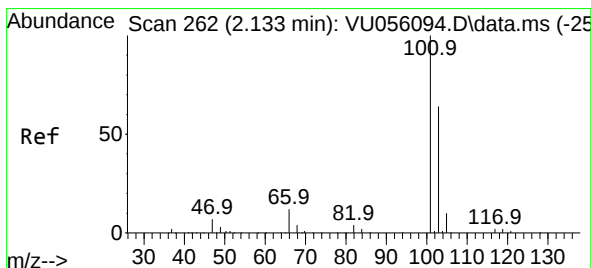
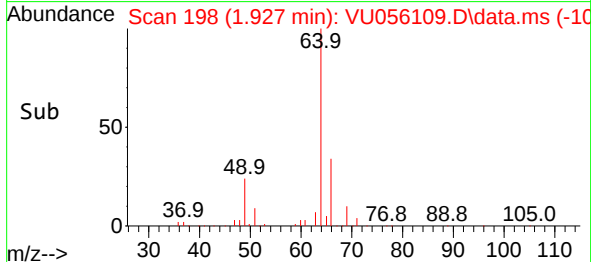
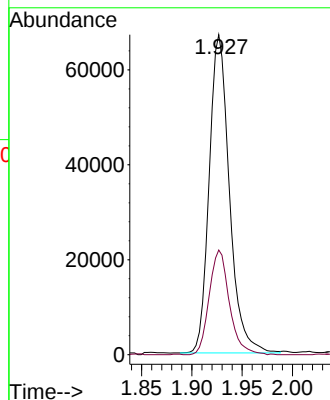
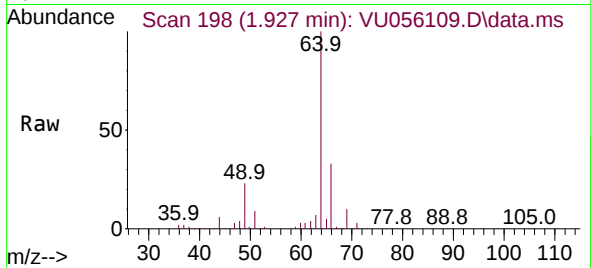




#8
Chloroethane
Concen: 5.550 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

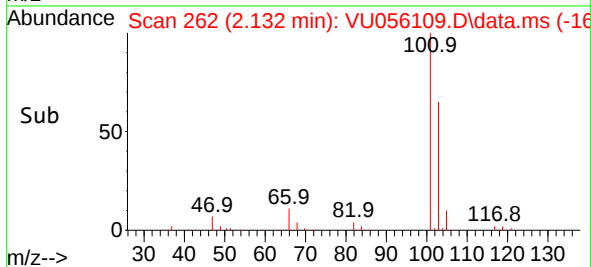
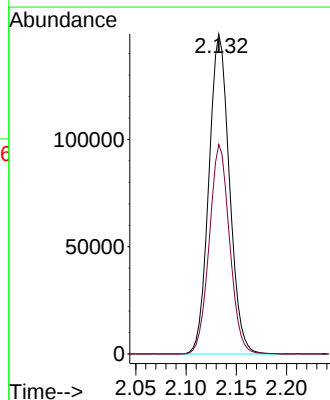
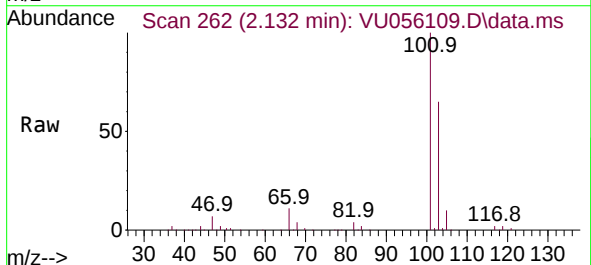
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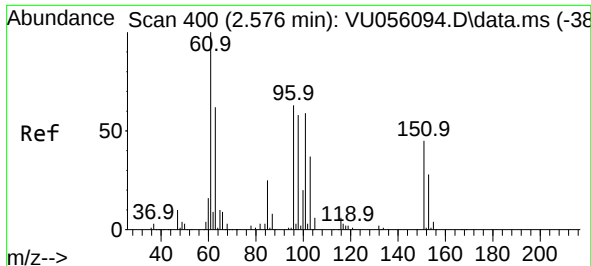
Tgt Ion: 64 Resp: 93722
Ion Ratio Lower Upper
64 100
66 32.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.142 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Tgt Ion:101 Resp: 211832
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

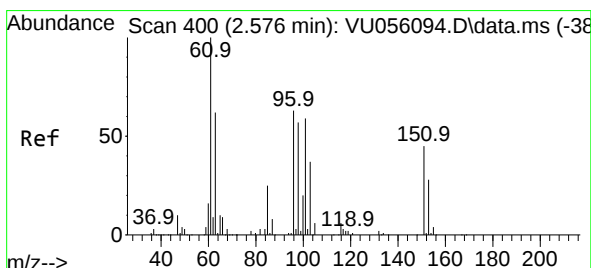
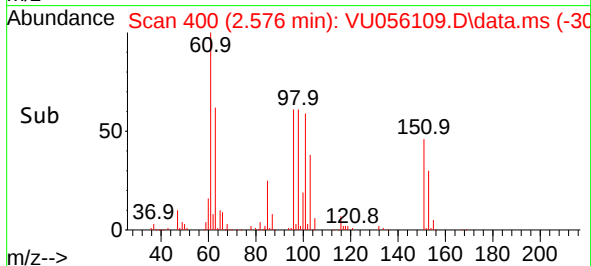
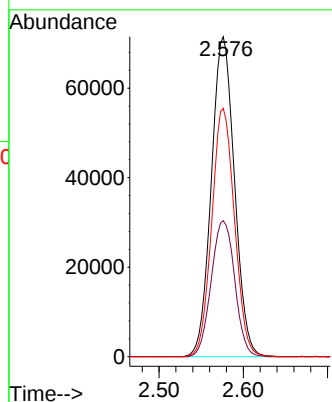
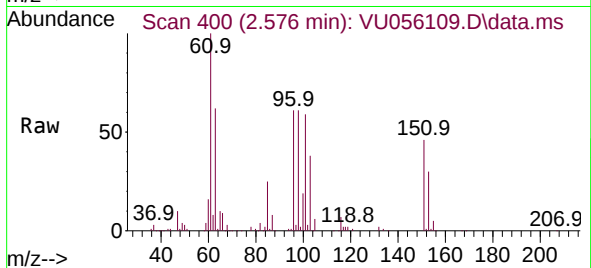




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.205 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056109.D
 Acq: 07 Nov 2023 19:25

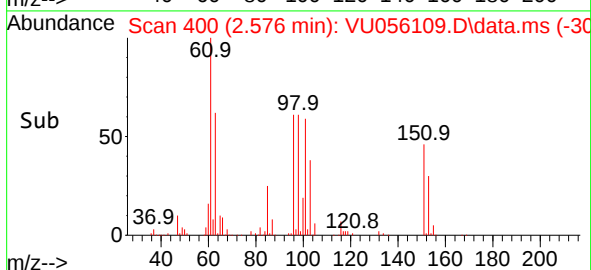
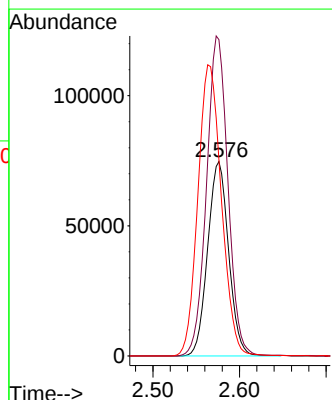
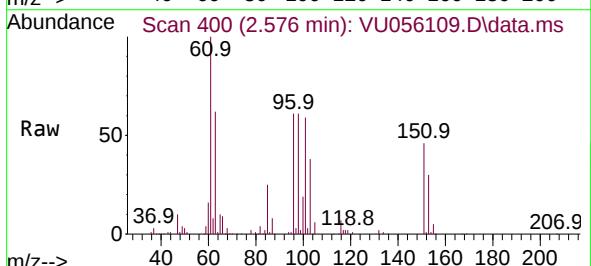
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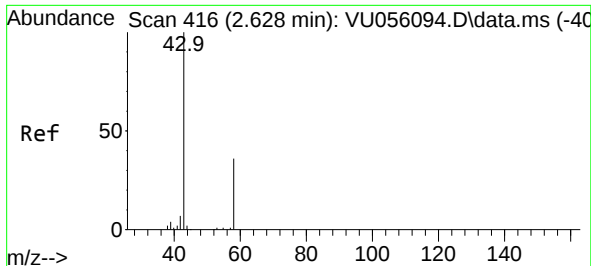
Tgt Ion:101 Resp: 136611
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.2 51.4
 151 76.1 59.3 88.9



#12
 1,1-Dichloroethene
 Concen: 5.145 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056109.D
 Acq: 07 Nov 2023 19:25

Tgt Ion: 96 Resp: 125319
 Ion Ratio Lower Upper
 96 100
 61 162.7 111.7 207.5
 63 100.9 74.5 138.3





#13

Acetone

Concen: 49.337 ug/L

RT: 2.621 min Scan# 416

Delta R.T. -0.007 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

Instrument :

MSVOA_U

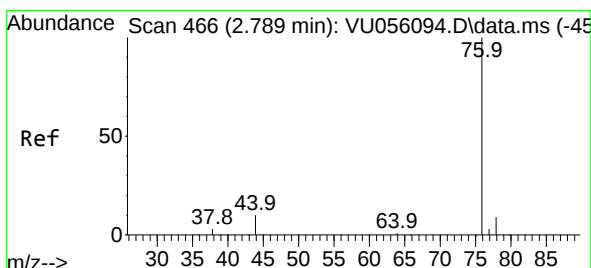
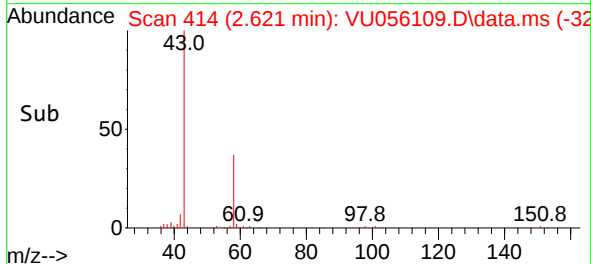
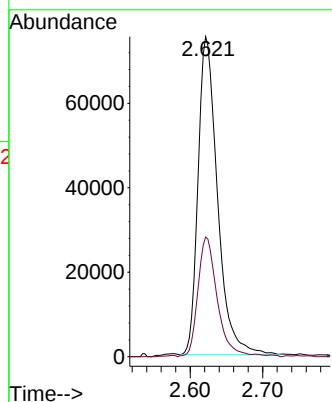
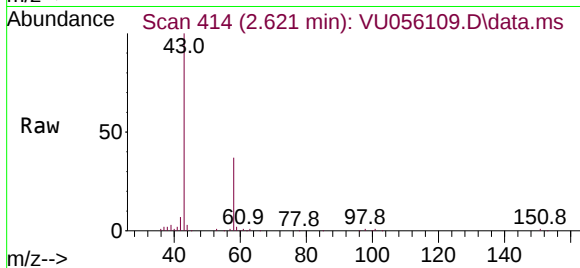
ClientSampleId :

Tgt Ion: 43 Resp: 140419

Ion Ratio Lower Upper

43 100

58 37.1 0.0 74.4



#14

Carbon disulfide

Concen: 4.935 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056109.D

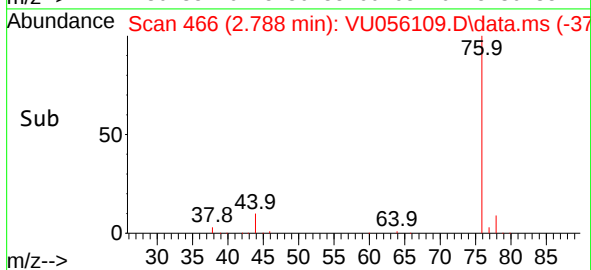
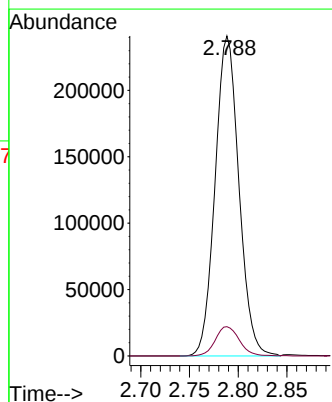
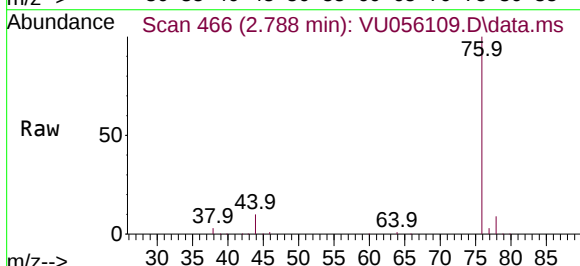
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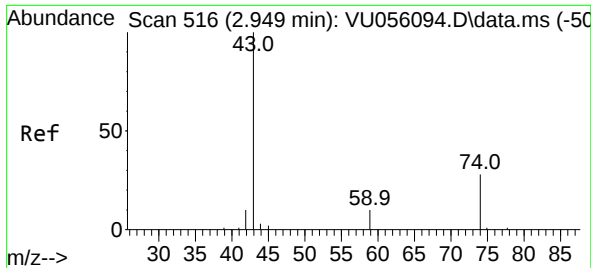
Tgt Ion: 76 Resp: 409593

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

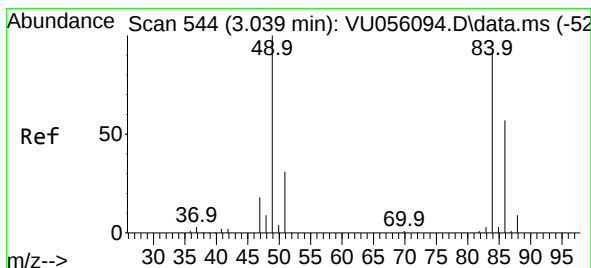
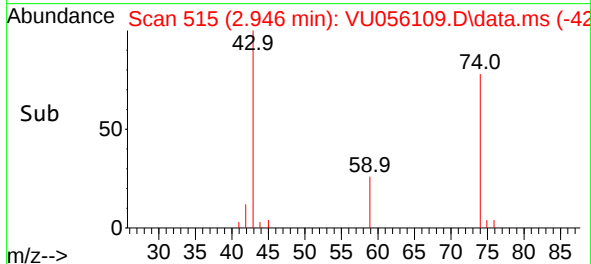
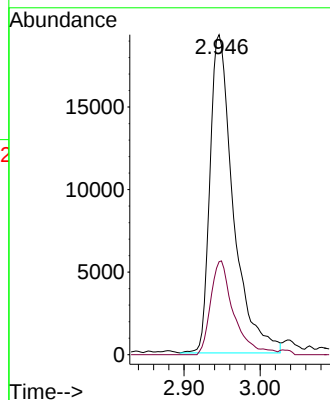
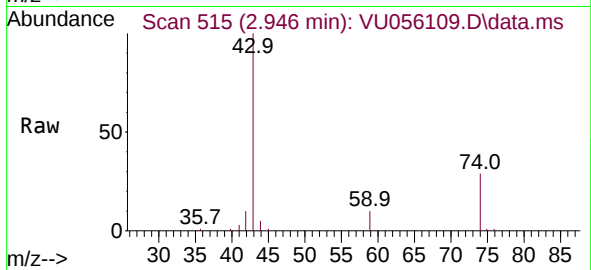




#15
Methyl Acetate
Concen: 5.125 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

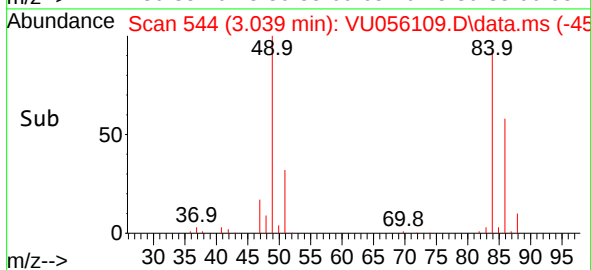
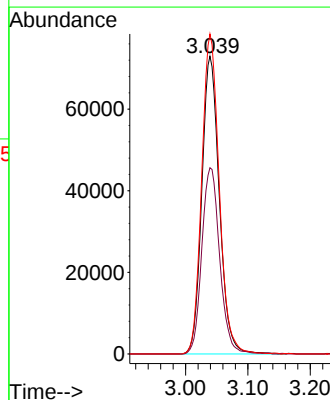
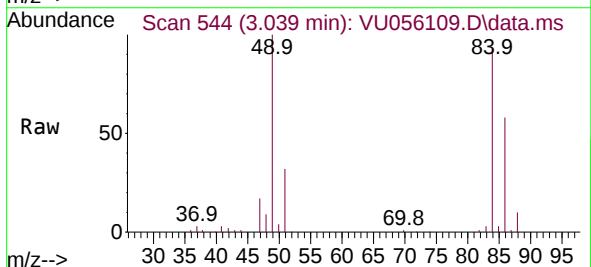
Instrument :
MSVOA_U
ClientSampleId :

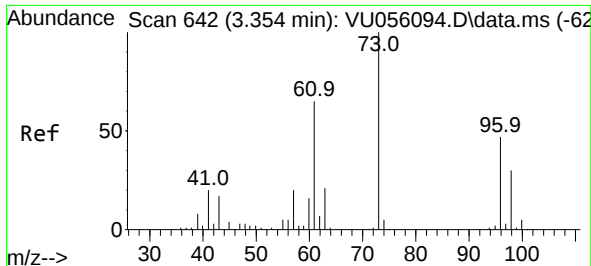
Tgt Ion: 43 Resp: 41155
Ion Ratio Lower Upper
43 100
74 29.1 23.3 34.9



#16
Methylene chloride
Concen: 5.088 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Tgt Ion: 84 Resp: 142121
Ion Ratio Lower Upper
84 100
86 62.5 44.9 83.5
49 107.5 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 5.152 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

Instrument :

MSVOA_U

ClientSampleId :

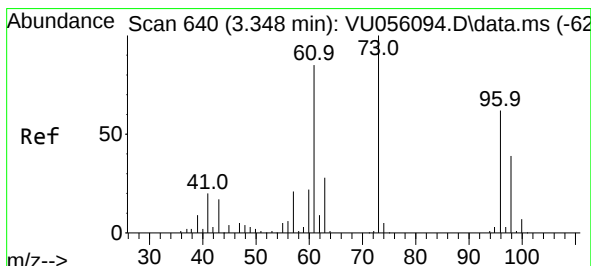
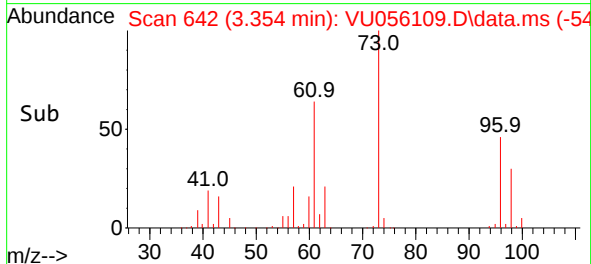
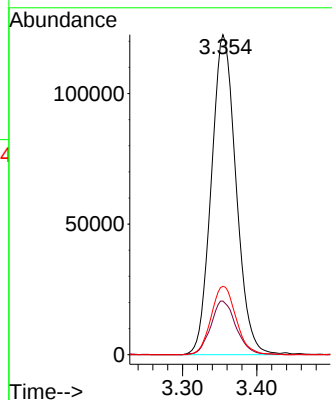
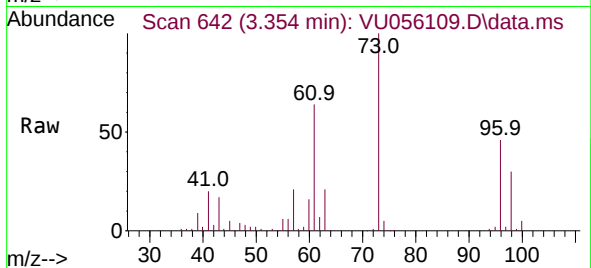
Tgt Ion: 73 Resp: 282709

Ion Ratio Lower Upper

73 100

43 17.2 13.6 20.4

57 21.7 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 5.102 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

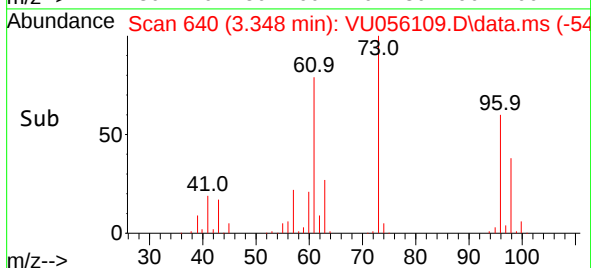
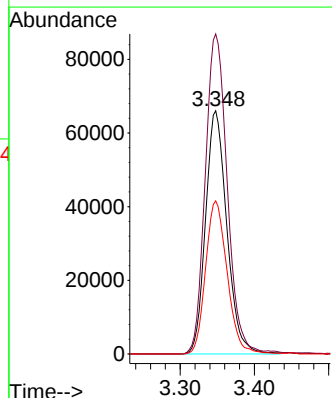
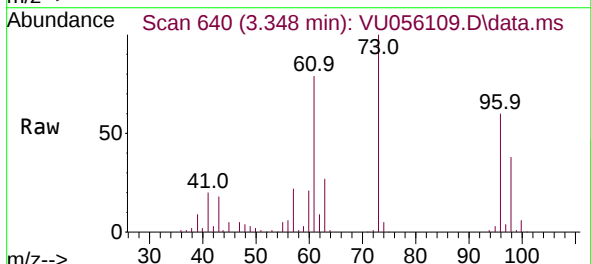
Tgt Ion: 96 Resp: 131695

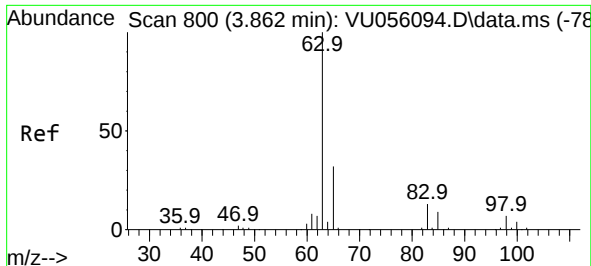
Ion Ratio Lower Upper

96 100

61 131.6 96.7 179.5

98 62.9 44.3 82.3





#19

1,1-Dichloroethane

Concen: 5.069 ug/L

RT: 3.862 min Scan# 80

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

Instrument :

MSVOA_U

ClientSampleId :

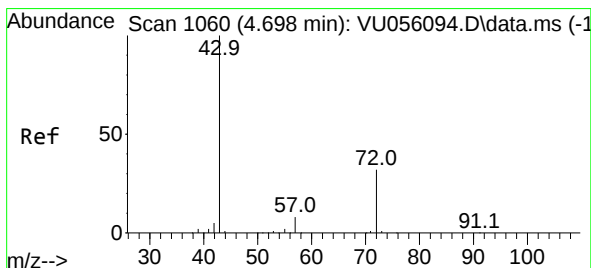
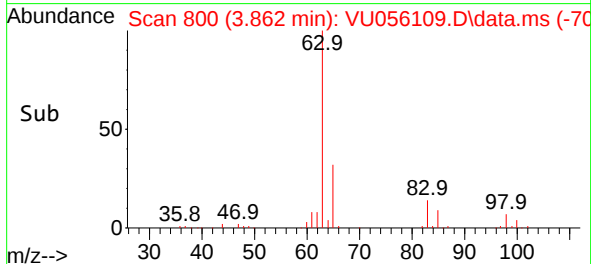
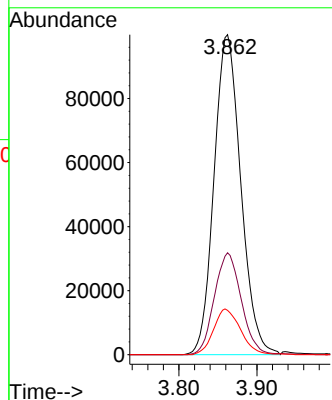
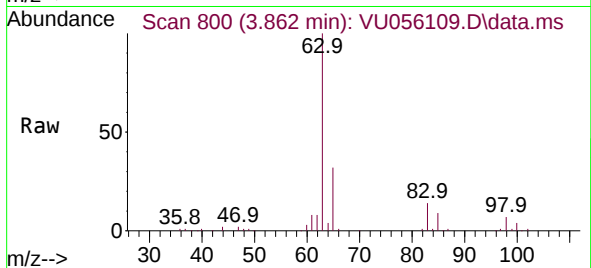
Tgt Ion: 63 Resp: 238672

Ion Ratio Lower Upper

63 100

65 31.9 20.6 38.2

83 13.9 9.6 17.8



#21

2-Butanone

Concen: 52.258 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. -0.003 min

Lab File: VU056109.D

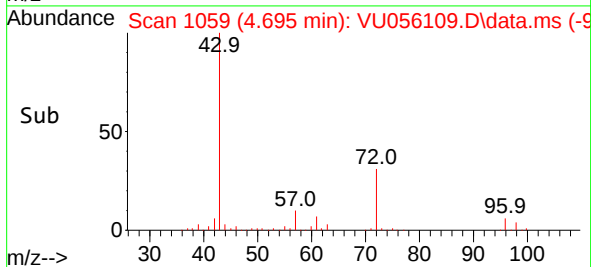
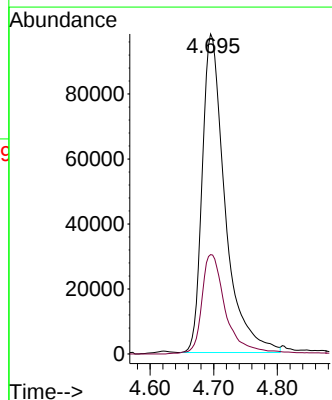
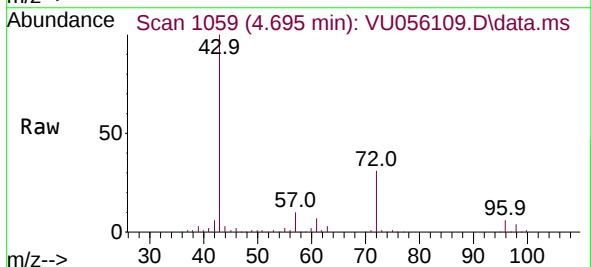
Acq: 07 Nov 2023 19:25

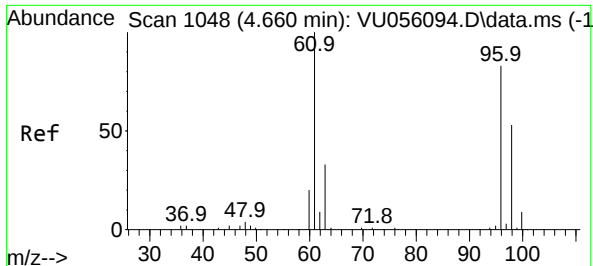
Tgt Ion: 43 Resp: 245285

Ion Ratio Lower Upper

43 100

72 33.0 15.7 47.0

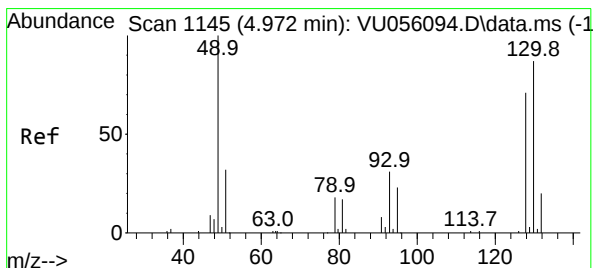
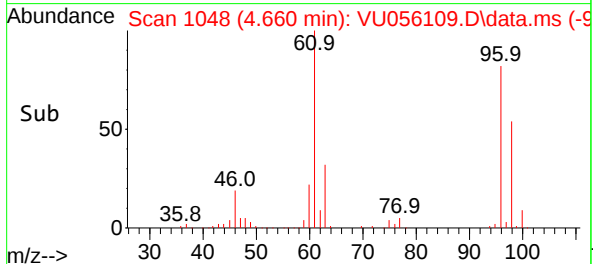
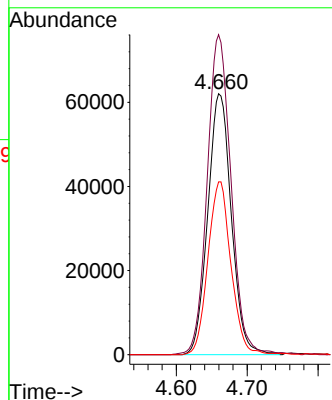
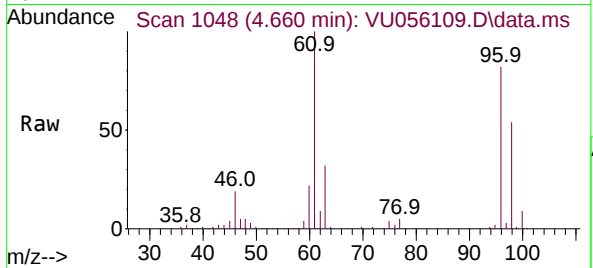




#22
 cis-1,2-Dichloroethene
 Concen: 5.158 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056109.D
 Acq: 07 Nov 2023 19:25

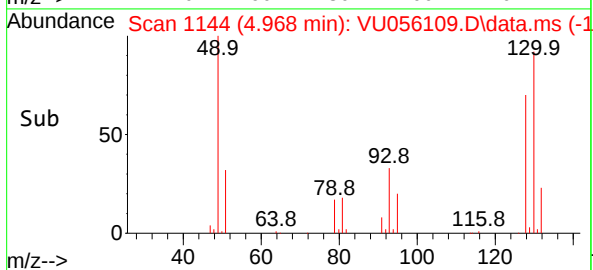
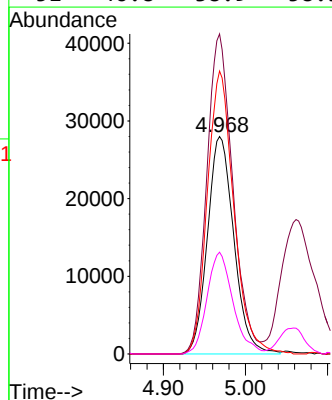
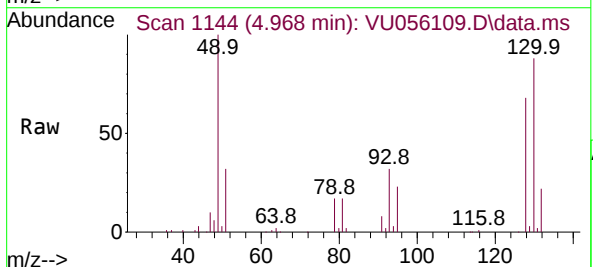
Instrument :
 MSVOA_U
 ClientSampleId :

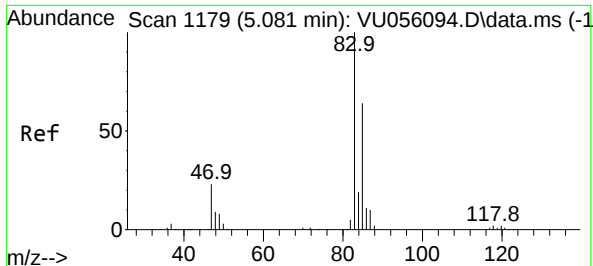
Tgt Ion: 96 Resp: 143723
 Ion Ratio Lower Upper
 96 100
 61 122.6 87.8 163.2
 98 66.2 43.5 80.7



#23
 Bromochloromethane
 Concen: 5.068 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU056109.D
 Acq: 07 Nov 2023 19:25

Tgt Ion: 128 Resp: 62652
 Ion Ratio Lower Upper
 128 100
 49 147.2 103.7 192.7
 130 130.1 91.8 170.6
 51 46.8 38.9 58.3





#25

Chloroform

Concen: 5.378 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

Instrument :

MSVOA_U

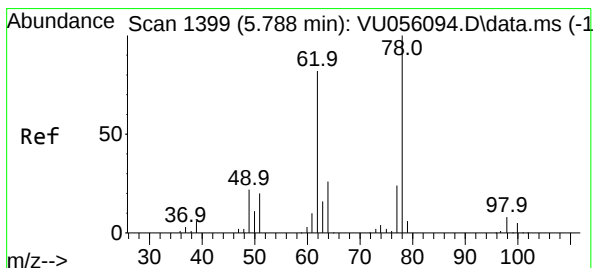
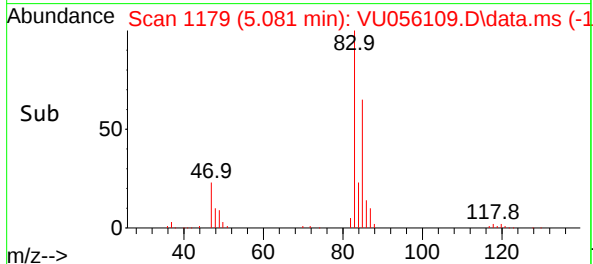
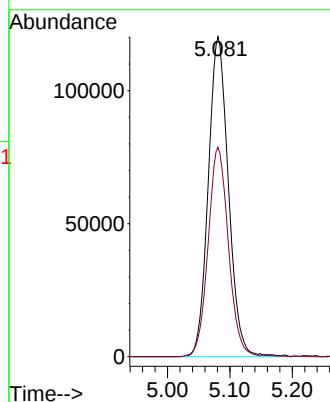
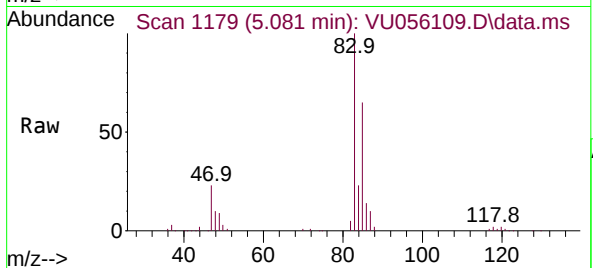
ClientSampleId :

Tgt Ion: 83 Resp: 269808

Ion Ratio Lower Upper

83 100

85 65.5 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.114 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056109.D

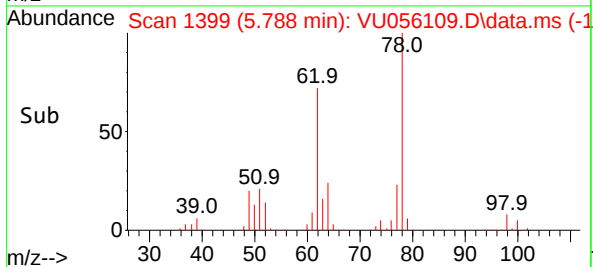
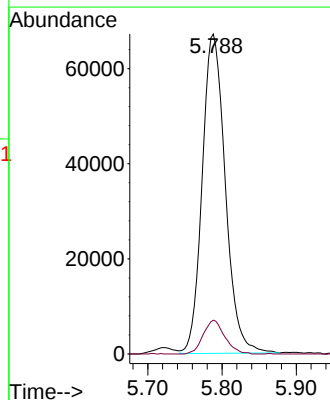
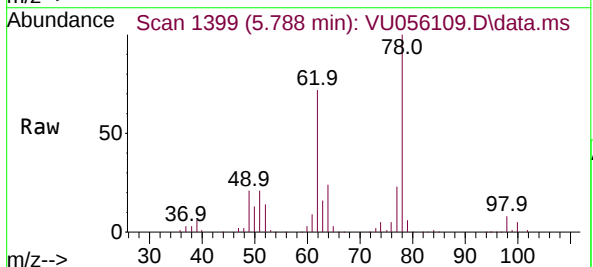
Acq: 07 Nov 2023 19:25

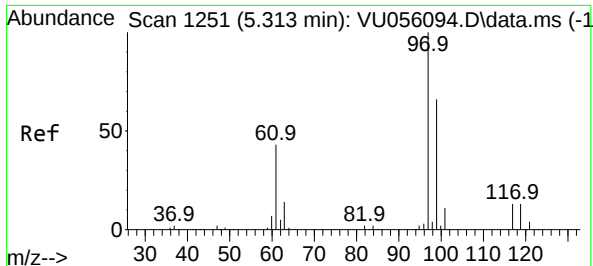
Tgt Ion: 62 Resp: 145213

Ion Ratio Lower Upper

62 100

98 10.5 7.1 10.7

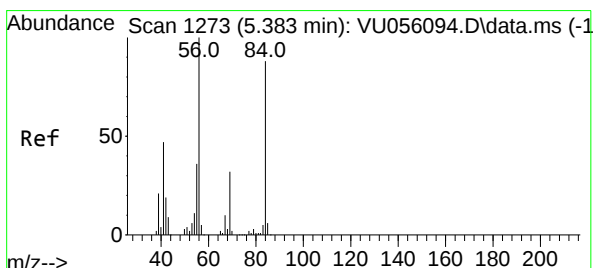
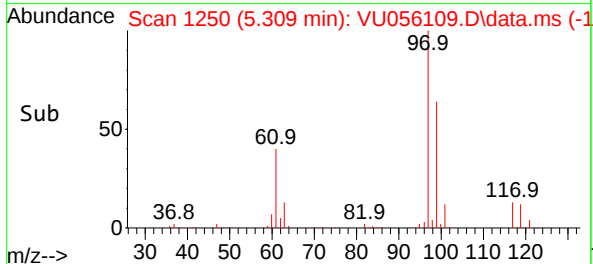
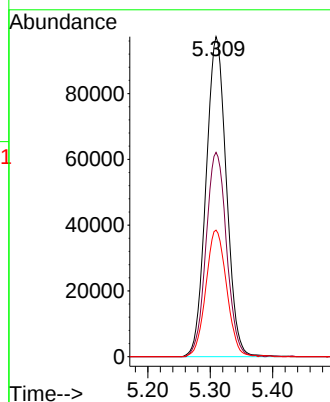
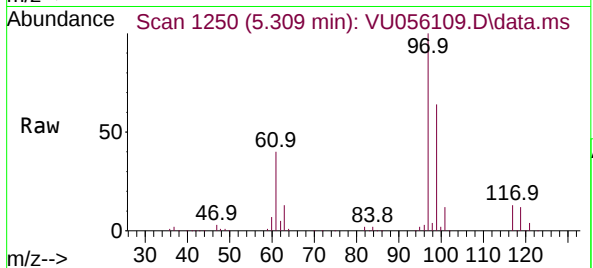




#29
1,1,1-Trichloroethane
Concen: 5.233 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.003 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

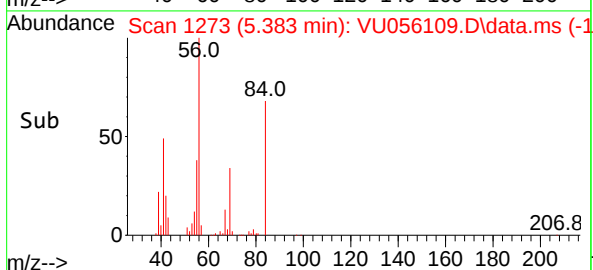
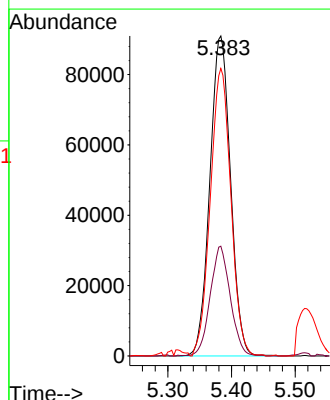
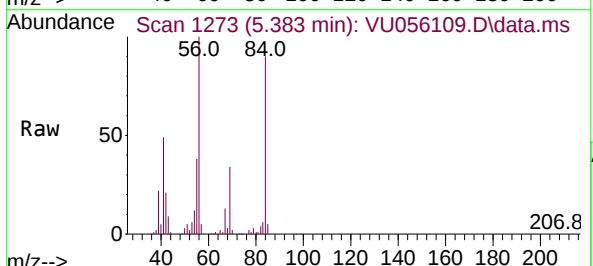
Instrument :
MSVOA_U
ClientSampleId :

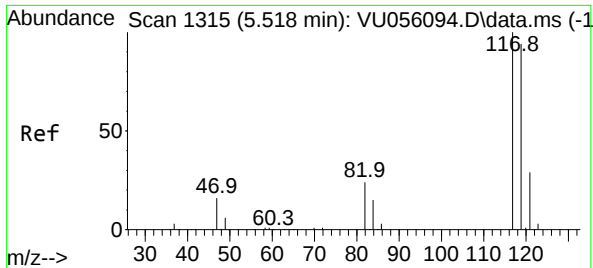
Tgt Ion: 97 Resp: 220332
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 40.5 33.4 50.0



#30
Cyclohexane
Concen: 5.215 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Tgt Ion: 56 Resp: 205158
Ion Ratio Lower Upper
56 100
69 33.3 26.6 39.8
84 89.4 70.4 105.6

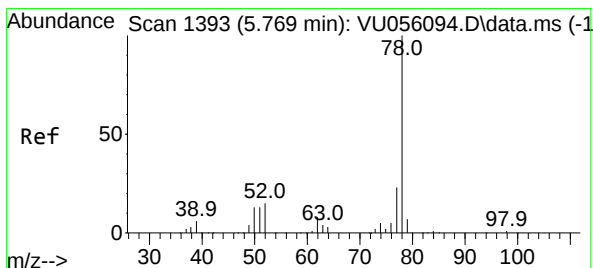
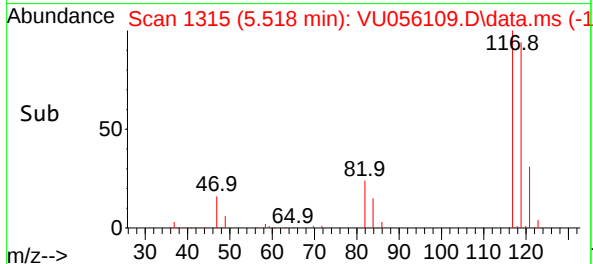
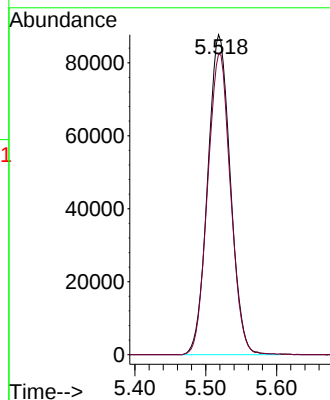
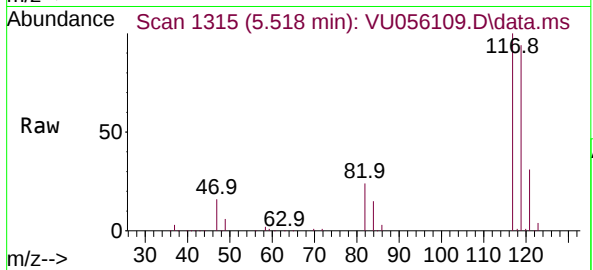




#31
Carbon tetrachloride
Concen: 5.215 ug/L
RT: 5.518 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

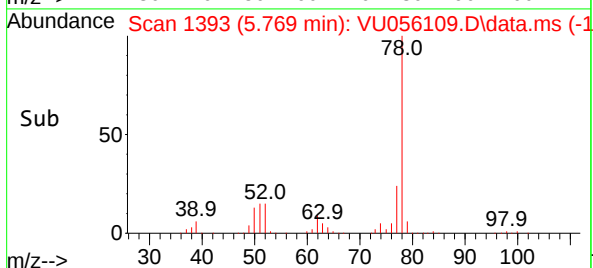
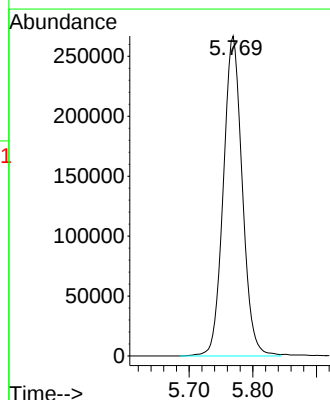
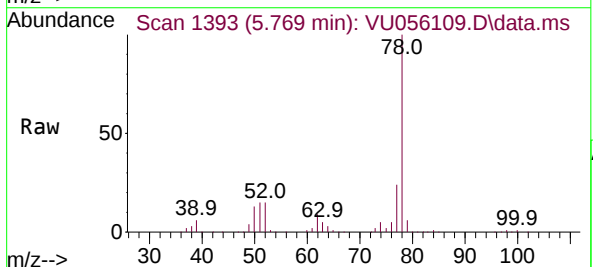
Instrument :
MSVOA_U
ClientSampleId :

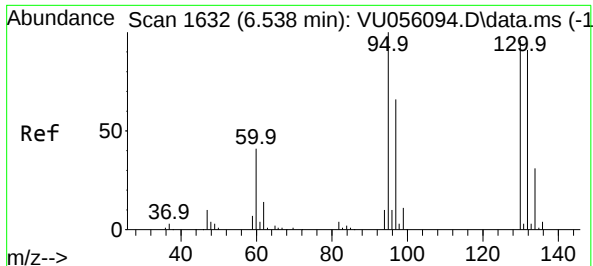
Tgt Ion:117 Resp: 194978
Ion Ratio Lower Upper
117 100
119 94.9 77.2 115.8



#33
Benzene
Concen: 5.252 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Tgt Ion: 78 Resp: 552726





#34

Trichloroethene

Concen: 5.222 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 150127

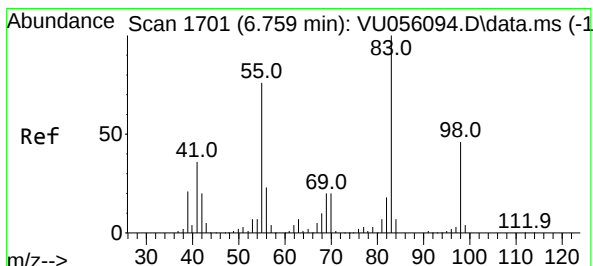
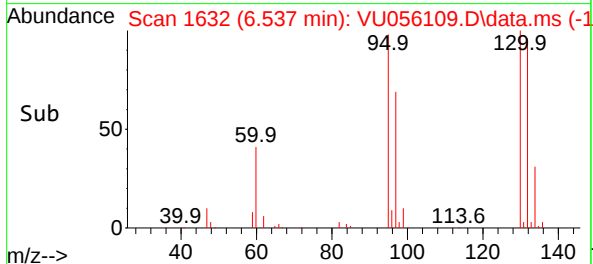
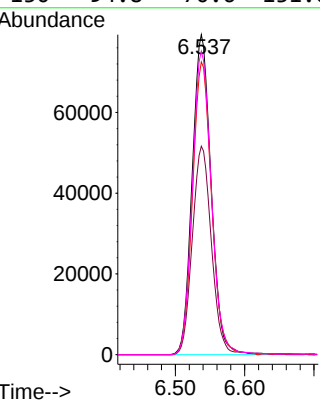
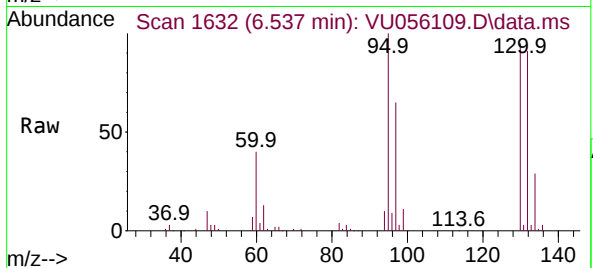
Ion Ratio Lower Upper

95 100

97 65.2 46.8 87.0

132 91.5 66.5 123.5

130 94.8 70.6 131.0



#35

Methylcyclohexane

Concen: 5.230 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

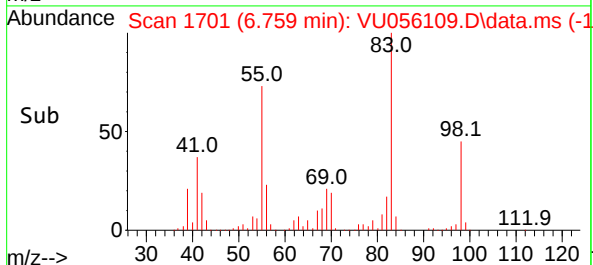
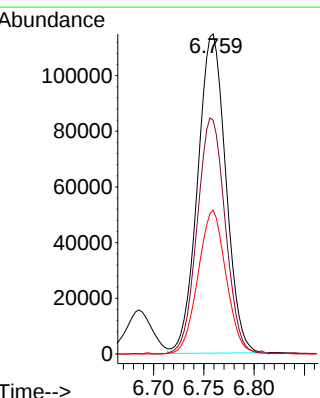
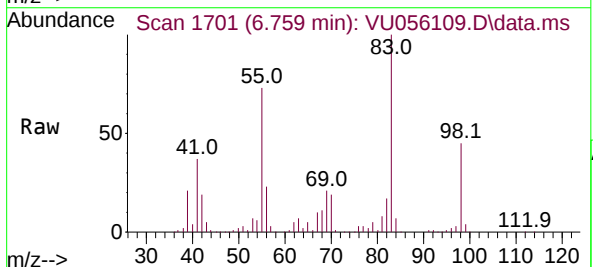
Tgt Ion: 83 Resp: 223454

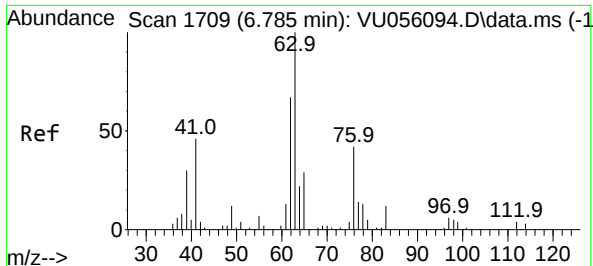
Ion Ratio Lower Upper

83 100

55 73.8 60.6 91.0

98 45.0 36.2 54.4





#37

1,2-Dichloropropane

Concen: 5.090 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

Instrument :

MSVOA_U

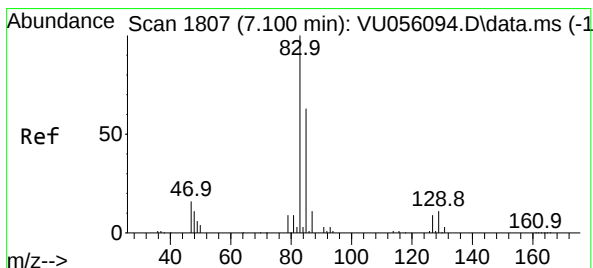
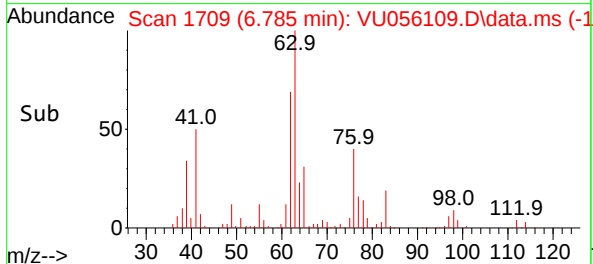
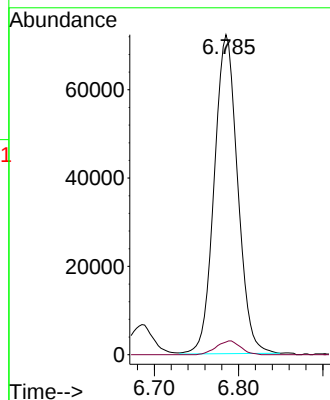
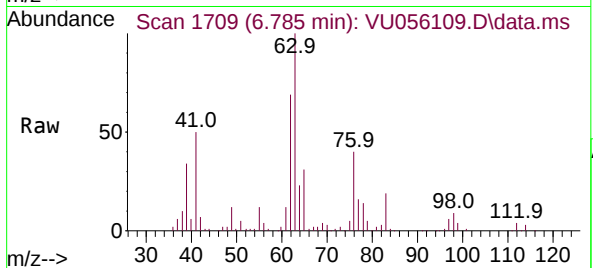
ClientSampleId :

Tgt Ion: 63 Resp: 139293

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 5.251 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

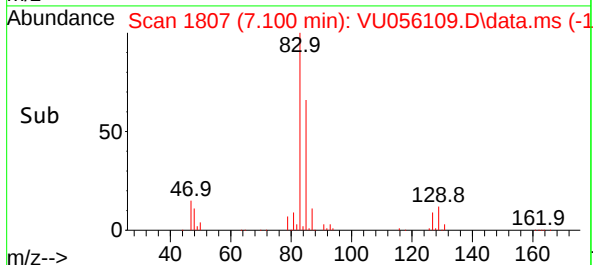
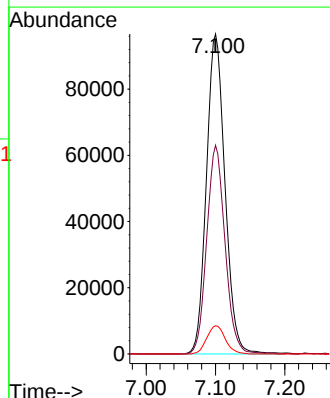
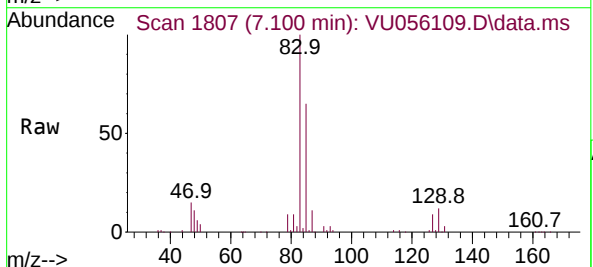
Tgt Ion: 83 Resp: 179451

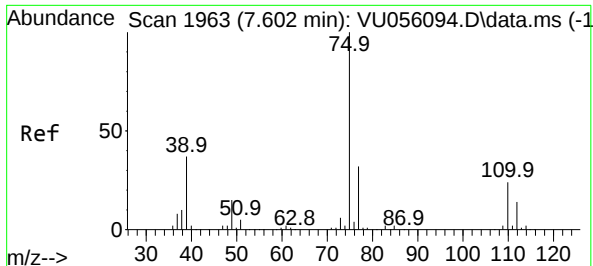
Ion Ratio Lower Upper

83 100

85 65.2 46.6 86.6

127 8.8 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.089 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

Instrument :

MSVOA_U

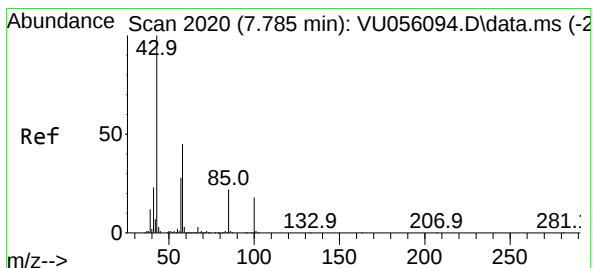
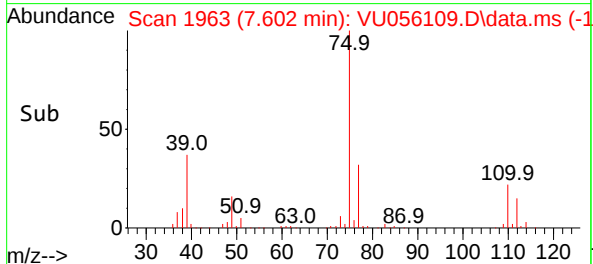
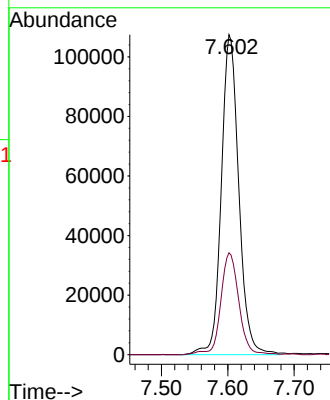
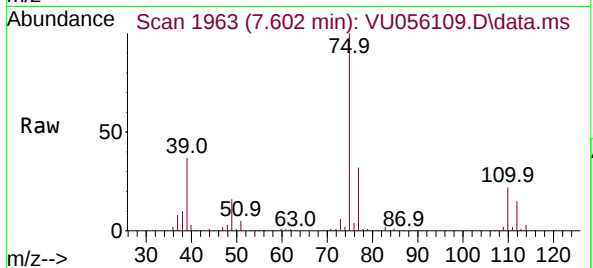
ClientSampleId :

Tgt Ion: 75 Resp: 196571

Ion Ratio Lower Upper

75 100

77 31.9 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 53.493 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

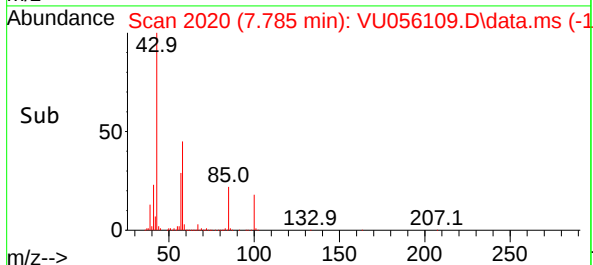
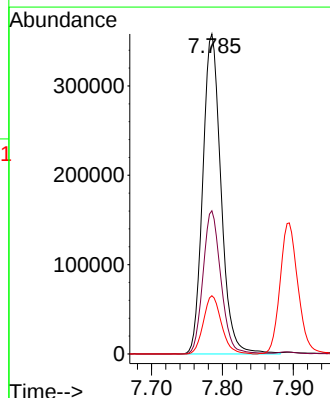
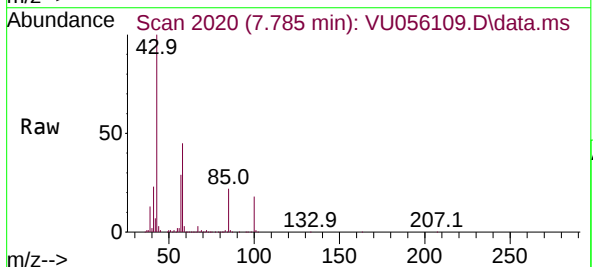
Tgt Ion: 43 Resp: 640389

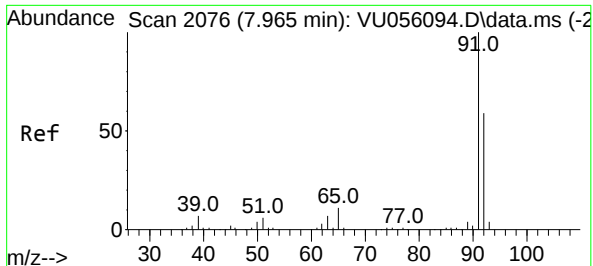
Ion Ratio Lower Upper

43 100

58 44.3 36.0 54.0

100 18.0 14.2 21.4





#42

Toluene

Concen: 5.277 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

Instrument :

MSVOA_U

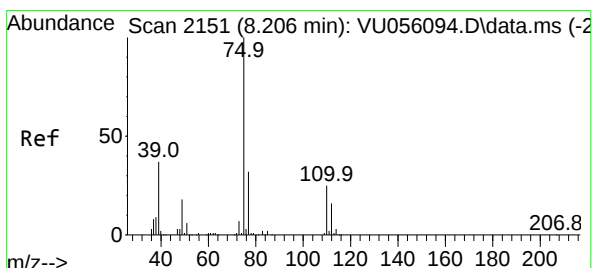
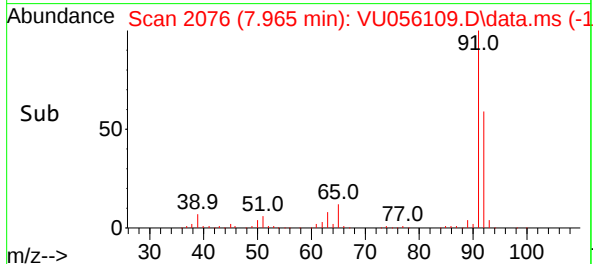
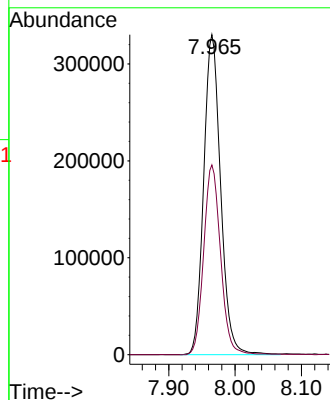
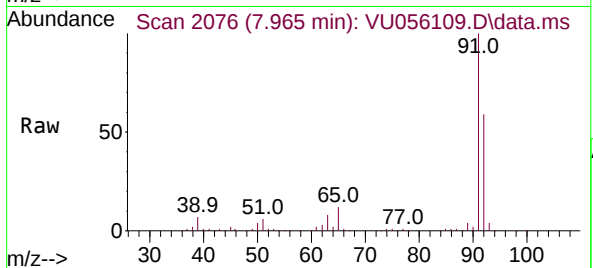
ClientSampleId :

Tgt Ion: 91 Resp: 585443

Ion Ratio Lower Upper

91 100

92 59.3 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 5.077 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056109.D

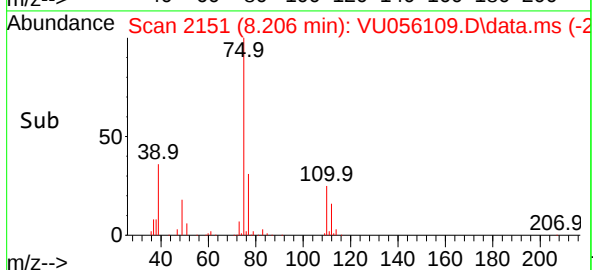
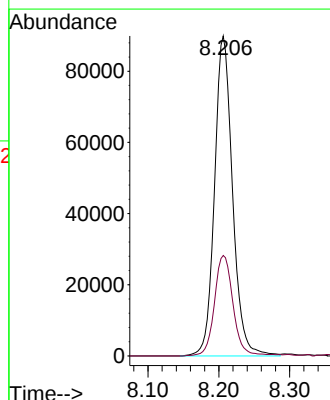
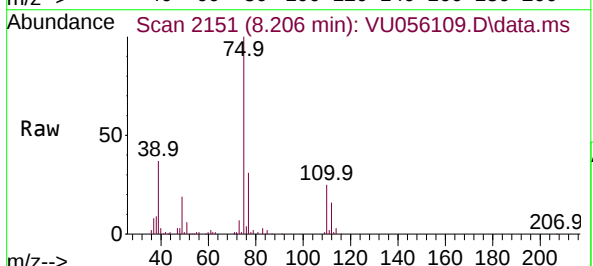
Acq: 07 Nov 2023 19:25

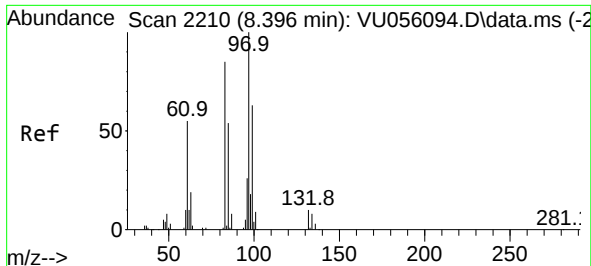
Tgt Ion: 75 Resp: 158778

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3

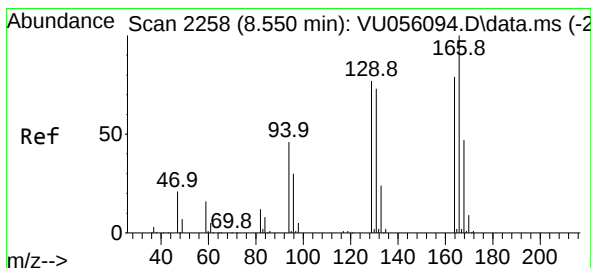
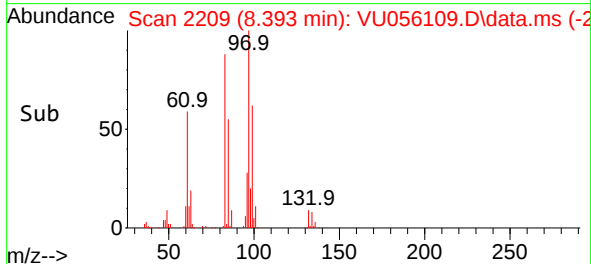
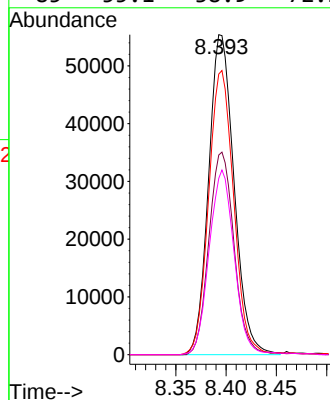
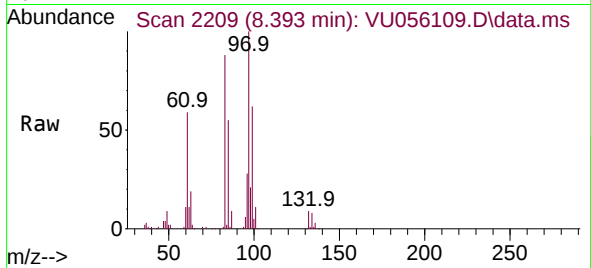




#45
1,1,2-Trichloroethane
Concen: 5.217 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

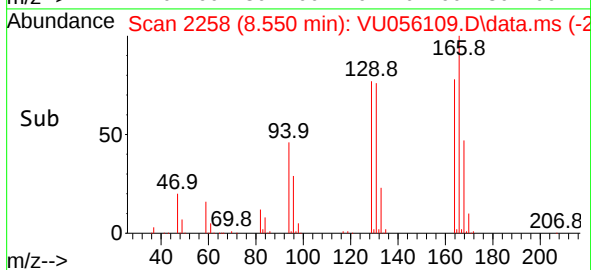
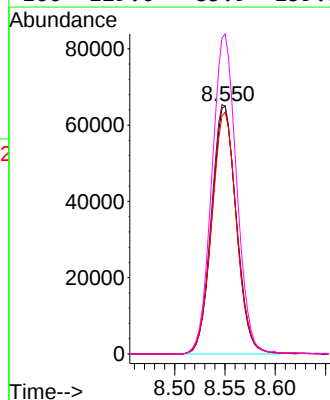
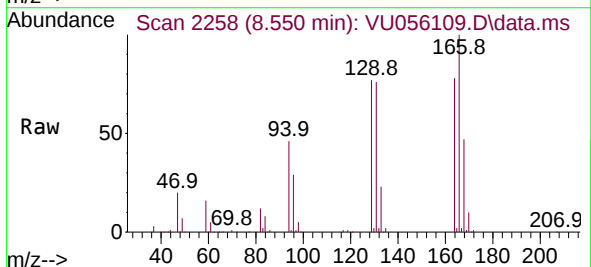
Instrument :
MSVOA_U
ClientSampleId :

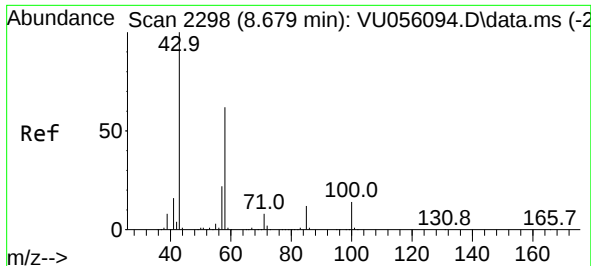
Tgt Ion:	97	Resp:	97617
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.7	82.9
83	87.7	59.4	110.2
85	55.1	38.9	72.2



#47
Tetrachloroethene
Concen: 5.118 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

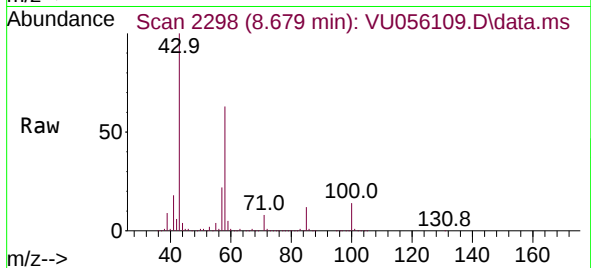
Tgt Ion:	164	Resp:	110420
Ion	Ratio	Lower	Upper
164	100		
129	99.8	66.6	123.8
131	97.4	67.8	126.0
166	129.0	85.9	159.5



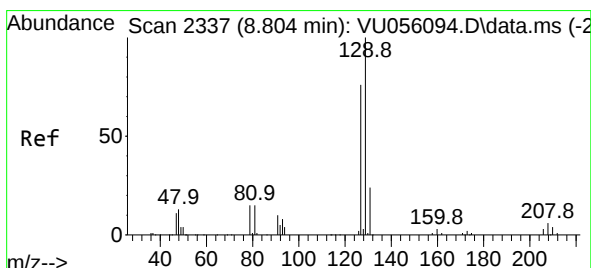
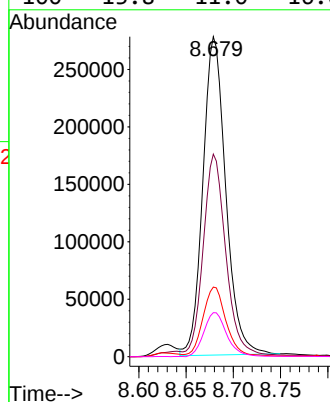
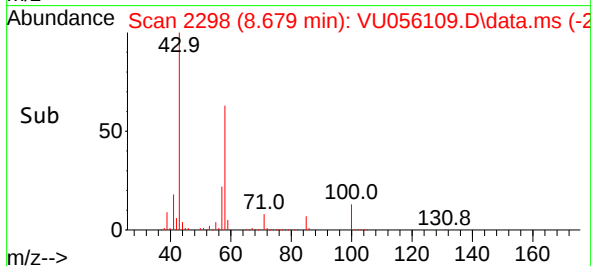


#48
2-Hexanone
Concen: 53.607 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Instrument :
MSVOA_U
ClientSampleId :

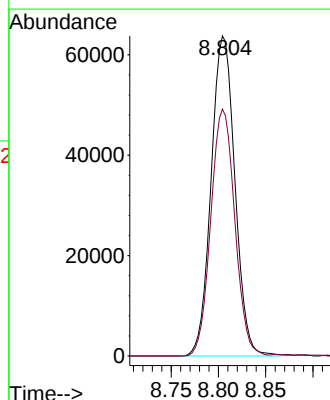
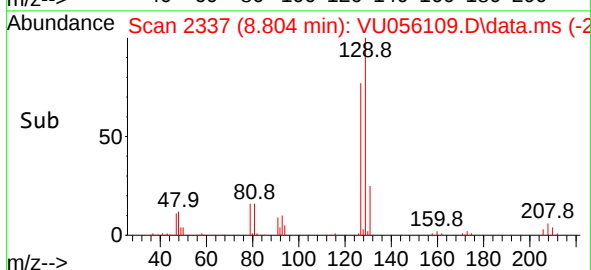
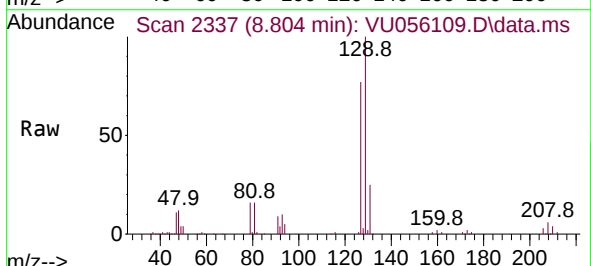


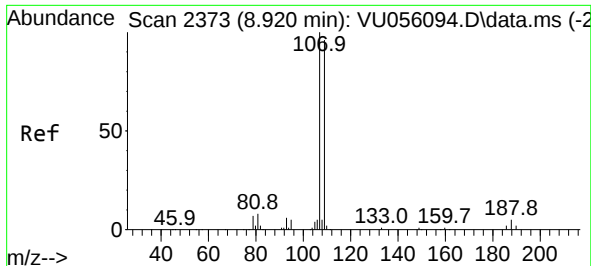
Tgt Ion: 43 Resp: 467254
Ion Ratio Lower Upper
43 100
58 63.4 52.0 78.0
57 22.1 17.4 26.2
100 13.8 11.0 16.6



#49
Dibromochloromethane
Concen: 5.196 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Tgt Ion: 129 Resp: 111549
Ion Ratio Lower Upper
129 100
127 77.1 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.315 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056109.D

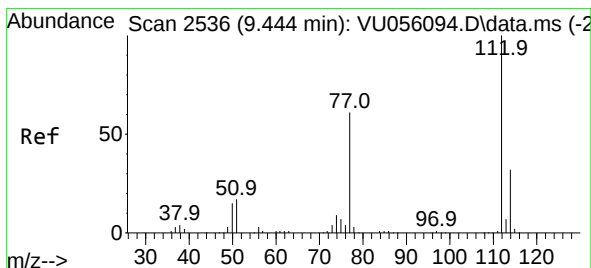
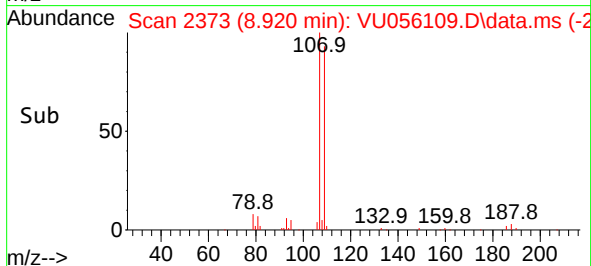
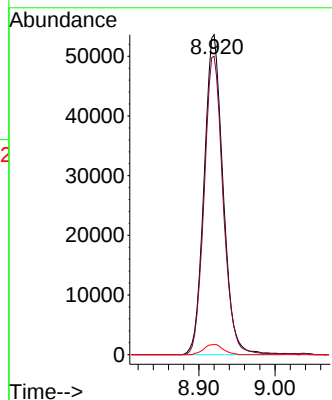
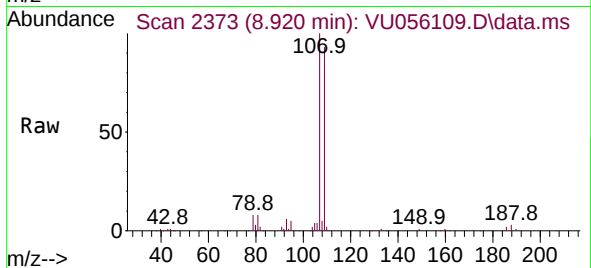
Acq: 07 Nov 2023 19:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	92921
Ion	Ratio	Lower	Upper
107	100		
109	93.2	66.9	124.3
188	3.1	2.5	3.7



#51

Chlorobenzene

Concen: 5.140 ug/L

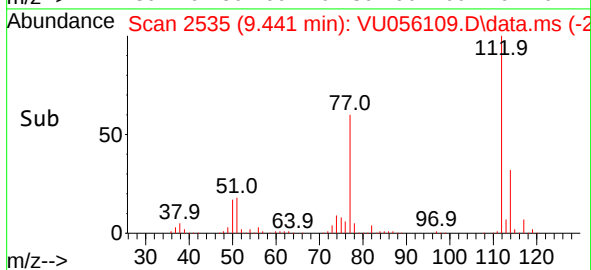
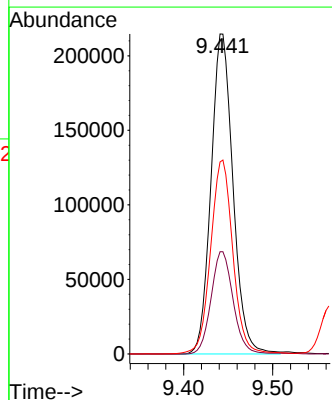
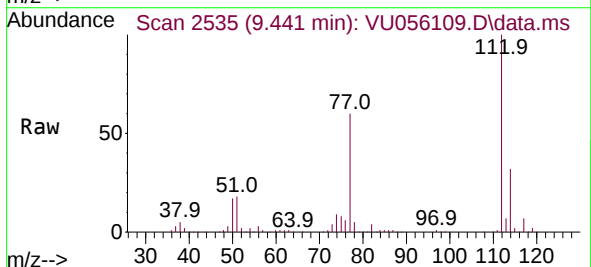
RT: 9.441 min Scan# 2535

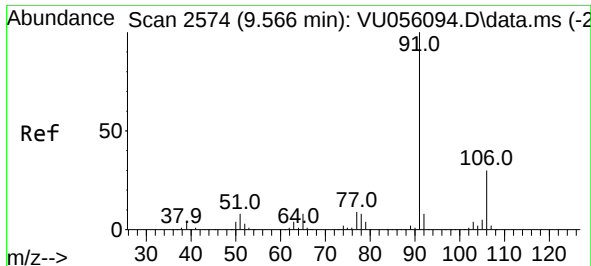
Delta R.T. -0.003 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

Tgt Ion:	112	Resp:	367913
Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.8	40.4
77	60.0	48.2	72.4

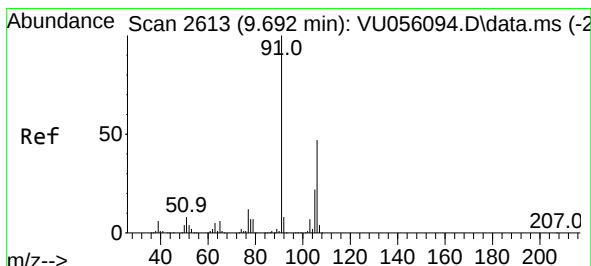
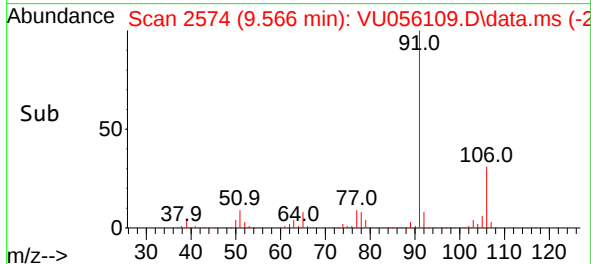
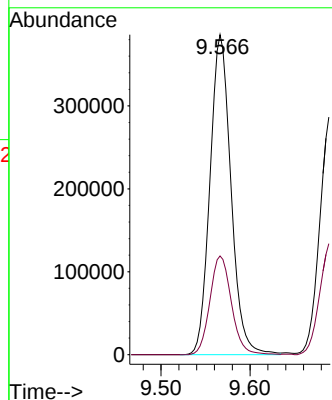
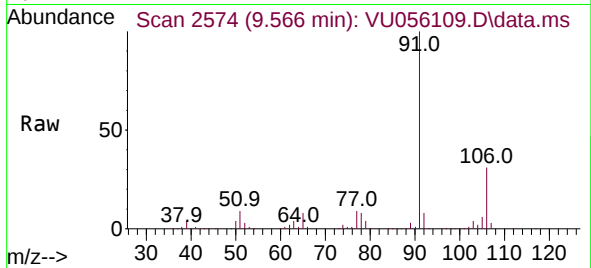




#52
Ethylbenzene
Concen: 5.214 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

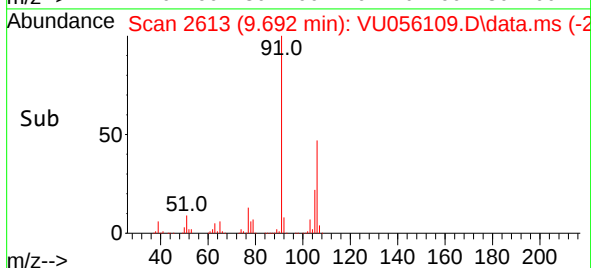
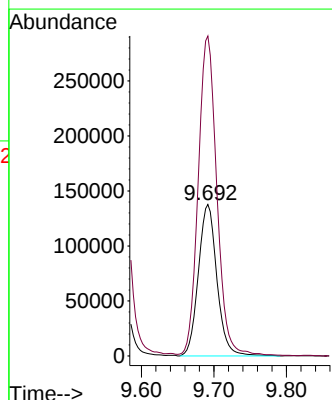
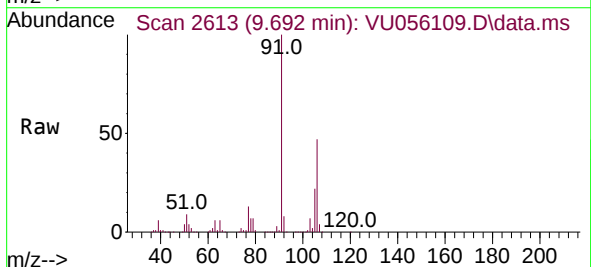
Instrument :
MSVOA_U
ClientSampleId :

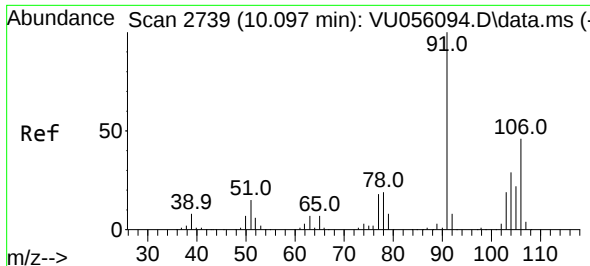
Tgt Ion: 91 Resp: 630397
Ion Ratio Lower Upper
91 100
106 30.9 21.2 39.4



#53
m,p-Xylene
Concen: 5.324 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Tgt Ion: 106 Resp: 244812
Ion Ratio Lower Upper
106 100
91 211.2 144.9 269.1

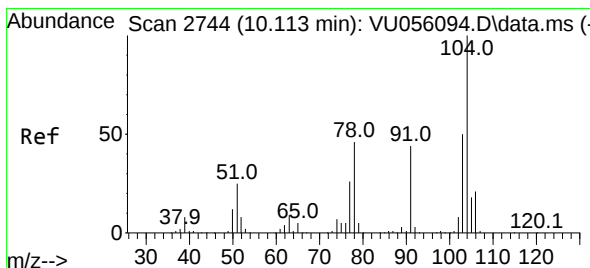
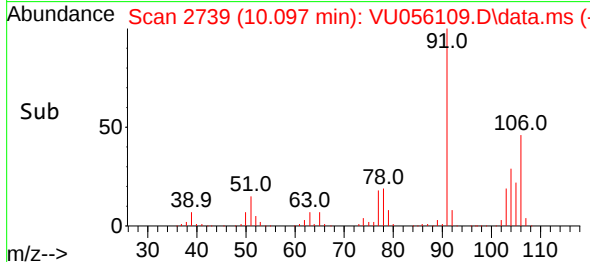
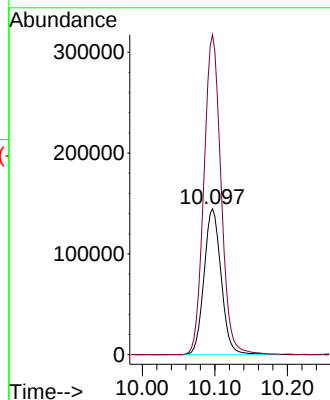
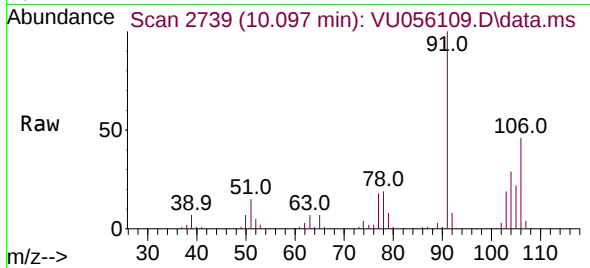




#54
o-Xylene
Concen: 5.376 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

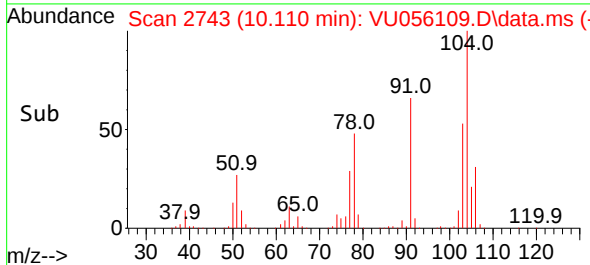
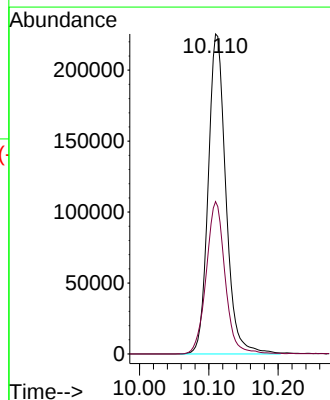
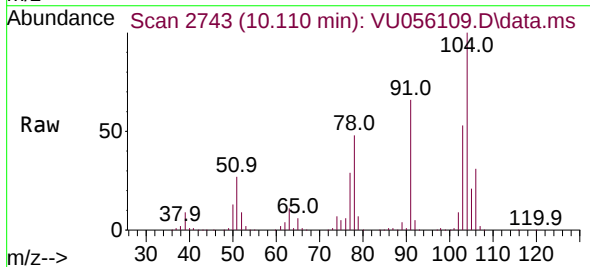
Instrument :
MSVOA_U
ClientSampleId :

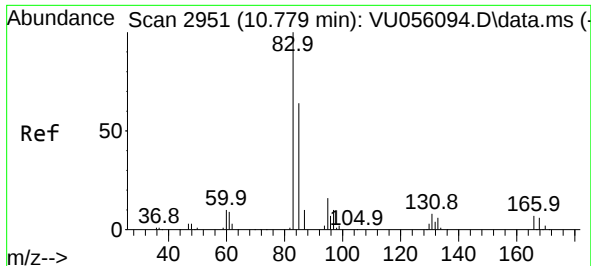
Tgt Ion:106 Resp: 236972
Ion Ratio Lower Upper
106 100
91 219.3 158.2 293.8



#55
Styrene
Concen: 5.526 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Tgt Ion:104 Resp: 398495
Ion Ratio Lower Upper
104 100
78 47.6 33.5 62.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.325 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

Instrument :

MSVOA_U

ClientSampleId :

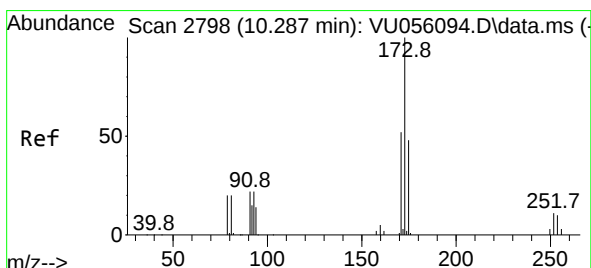
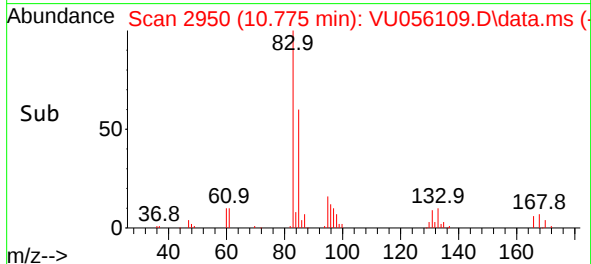
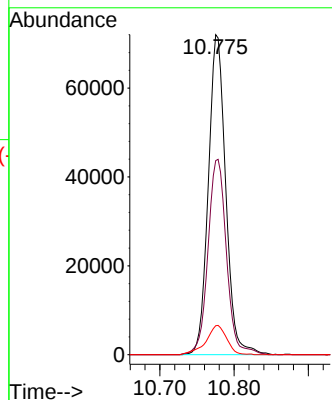
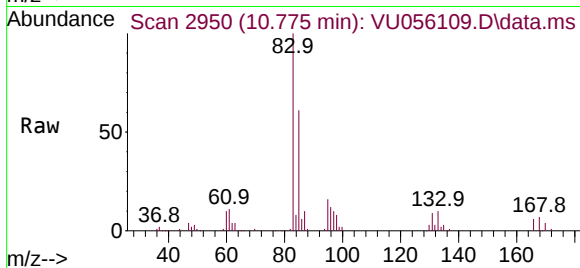
Tgt Ion: 83 Resp: 117081

Ion Ratio Lower Upper

83 100

85 60.6 44.0 81.8

131 9.1 7.4 11.2



#59

Bromoform

Concen: 5.157 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

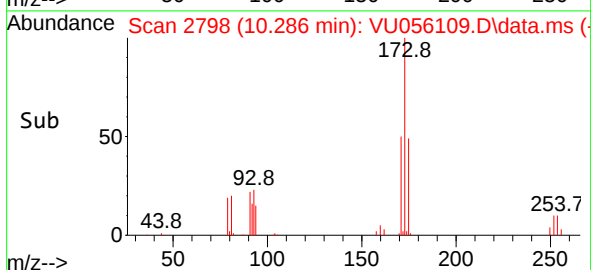
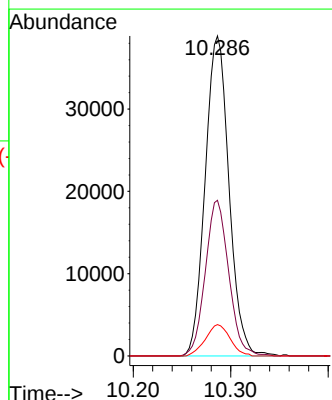
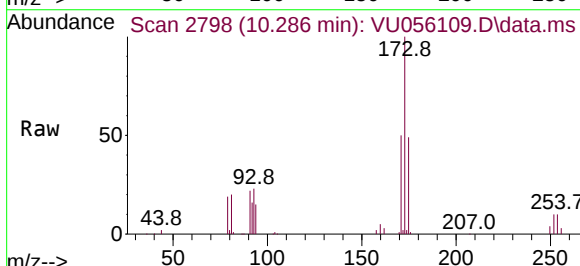
Tgt Ion:173 Resp: 66071

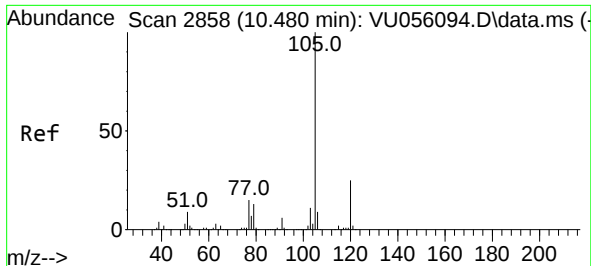
Ion Ratio Lower Upper

173 100

175 47.8 39.0 58.4

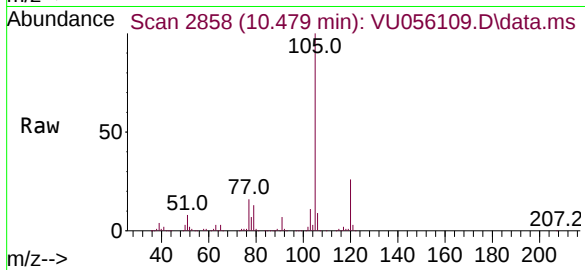
254 10.1 8.2 12.2



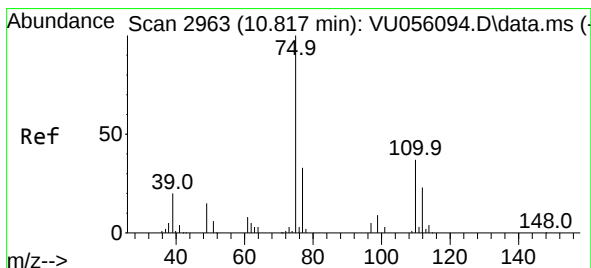
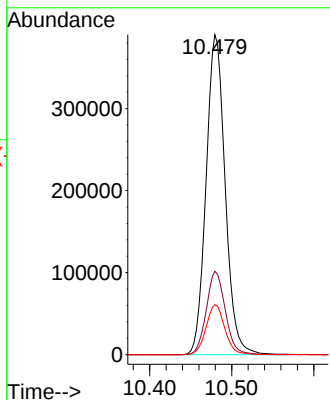
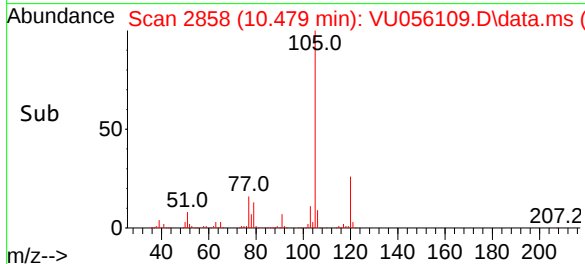


#60
Isopropylbenzene
Concen: 5.282 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

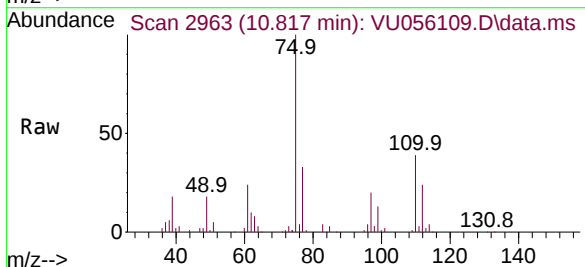
Instrument :
MSVOA_U
ClientSampleId :



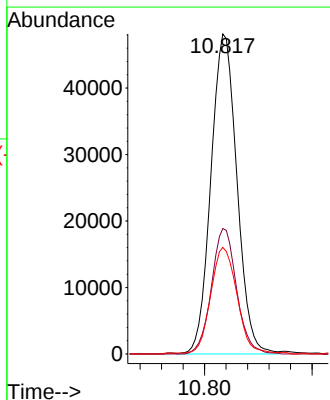
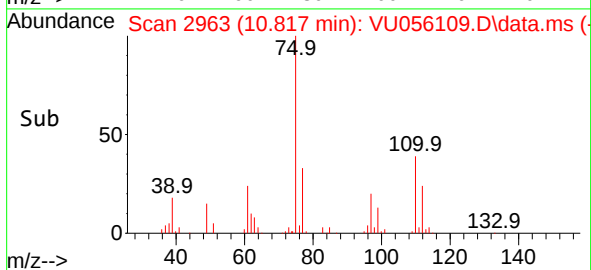
Tgt Ion:105 Resp: 631802
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 15.4 12.6 19.0

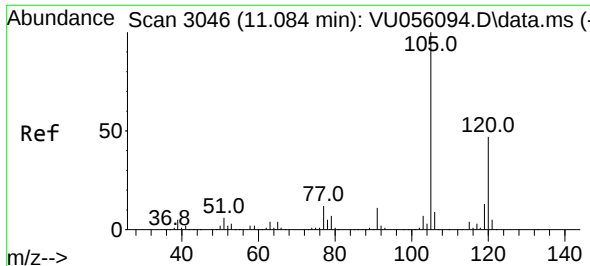


#61
1,2,3-Trichloropropane
Concen: 5.080 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25



Tgt Ion: 75 Resp: 80891
Ion Ratio Lower Upper
75 100
110 37.8 29.7 44.5
77 33.9 25.5 38.3

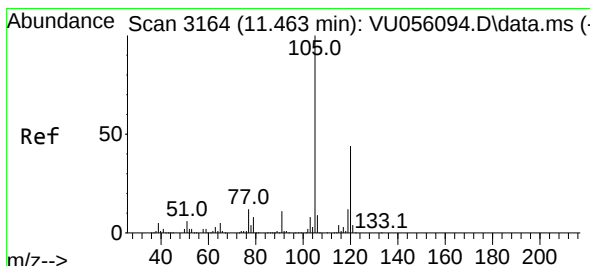
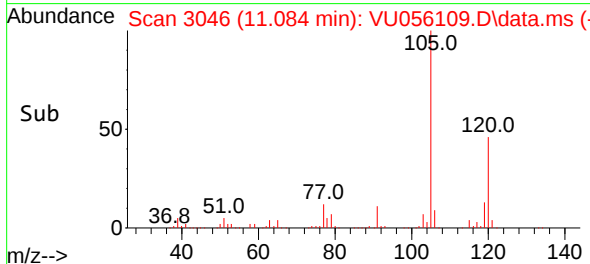
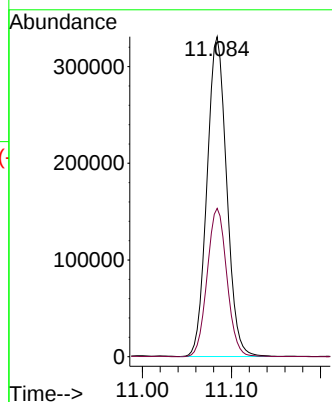
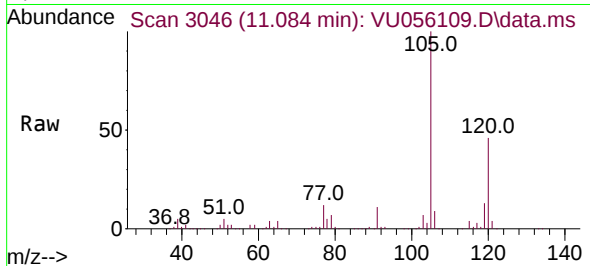




#62
1,3,5-Trimethylbenzene
Concen: 5.220 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

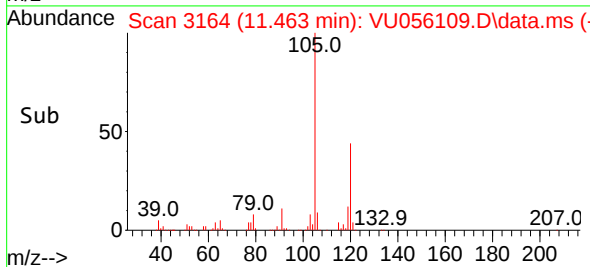
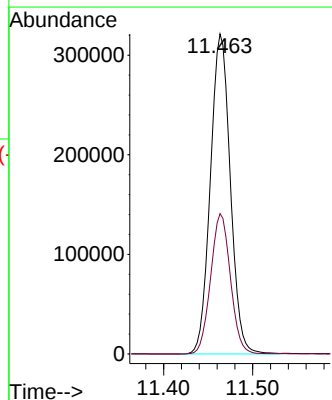
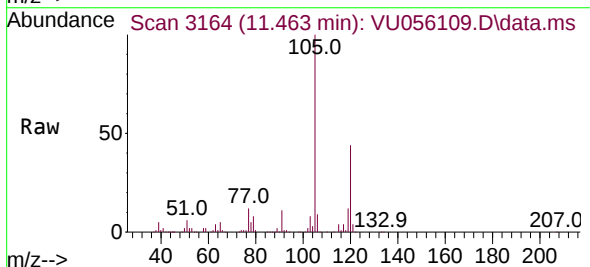
Instrument :
MSVOA_U
ClientSampleId :

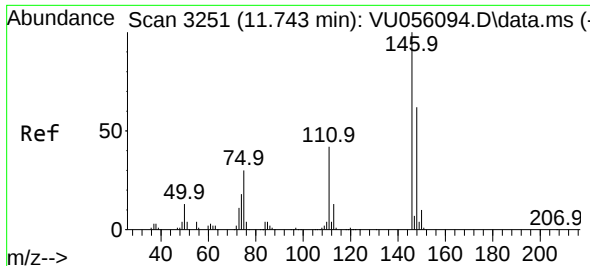
Tgt Ion:105 Resp: 506384
Ion Ratio Lower Upper
105 100
120 46.4 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 5.245 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Tgt Ion:105 Resp: 499079
Ion Ratio Lower Upper
105 100
120 43.5 35.4 53.0

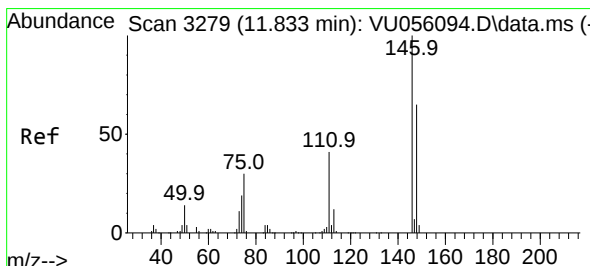
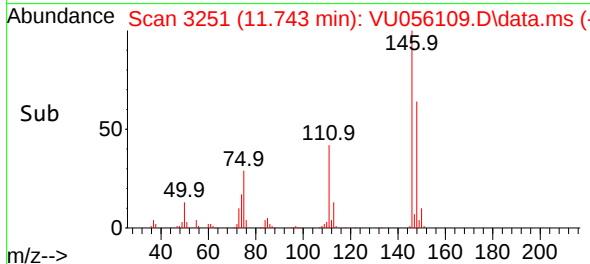
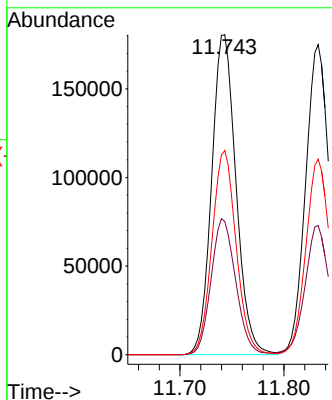
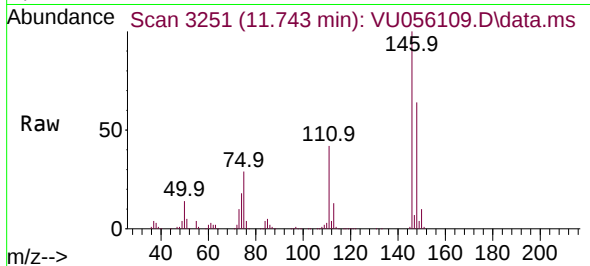




#64
1,3-Dichlorobenzene
Concen: 5.197 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

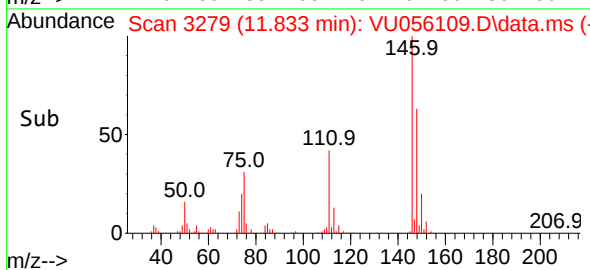
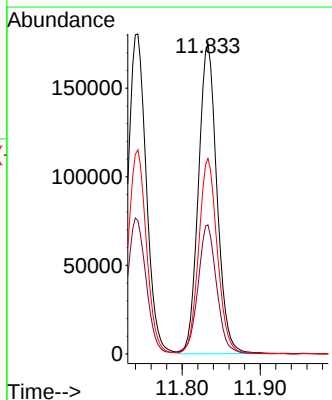
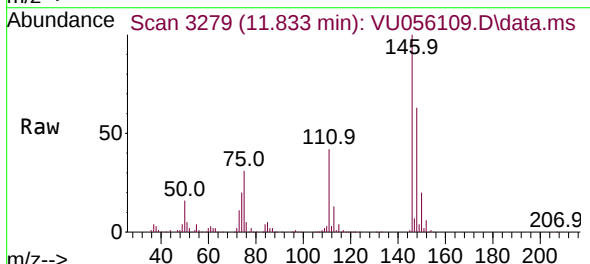
Instrument :
MSVOA_U
ClientSampleId :

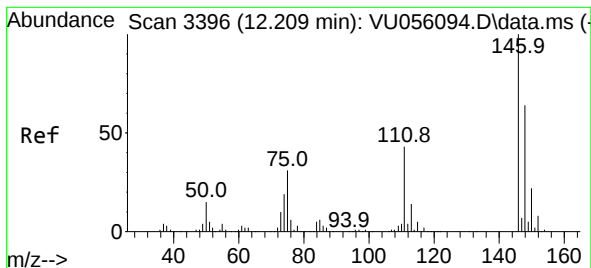
Tgt Ion:146 Resp: 294415
Ion Ratio Lower Upper
146 100
111 41.7 29.7 55.1
148 63.8 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.149 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Tgt Ion:146 Resp: 288422
Ion Ratio Lower Upper
146 100
111 41.6 29.0 53.8
148 63.1 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 5.191 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

Instrument :

MSVOA_U

ClientSampleId :

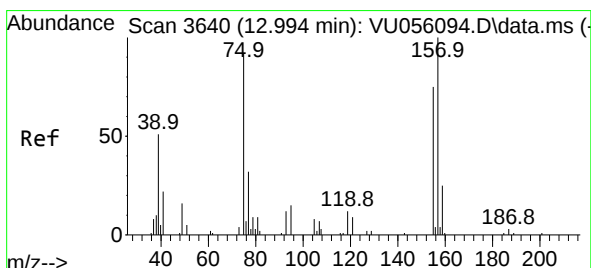
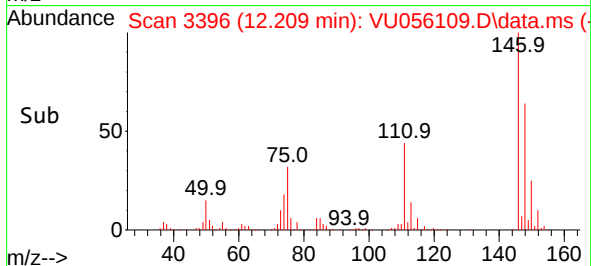
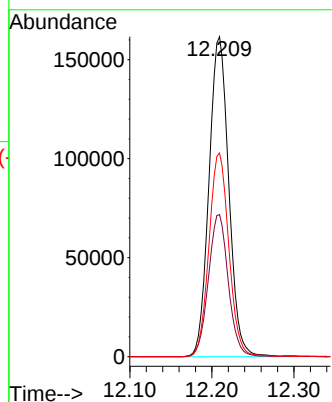
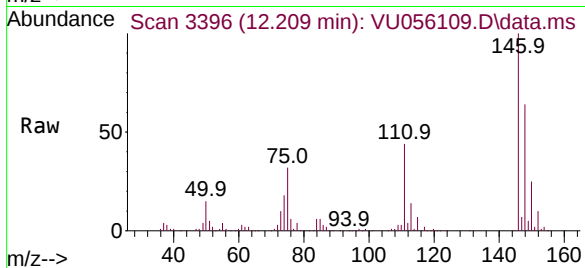
Tgt Ion:146 Resp: 270984

Ion Ratio Lower Upper

146 100

111 44.4 35.2 52.8

148 63.6 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.116 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU056109.D

Acq: 07 Nov 2023 19:25

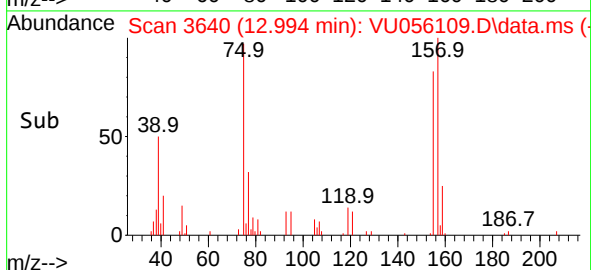
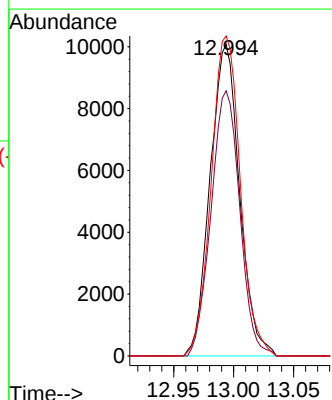
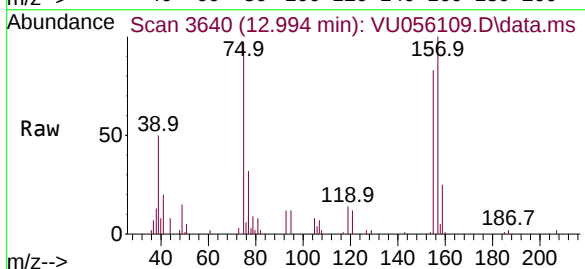
Tgt Ion: 75 Resp: 17186

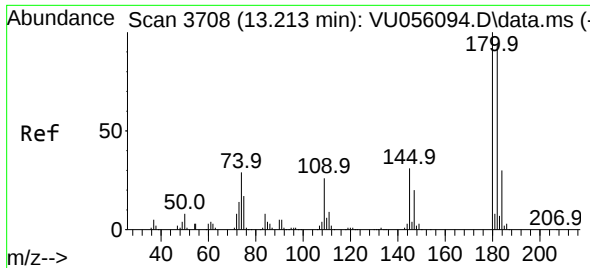
Ion Ratio Lower Upper

75 100

155 85.1 63.3 94.9

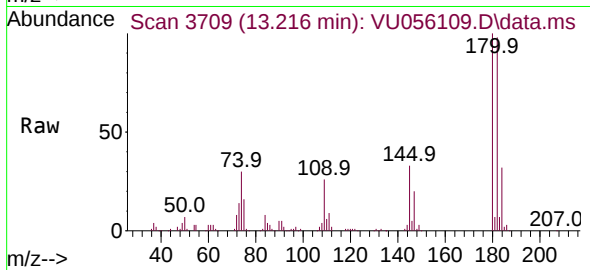
157 102.7 79.1 118.7



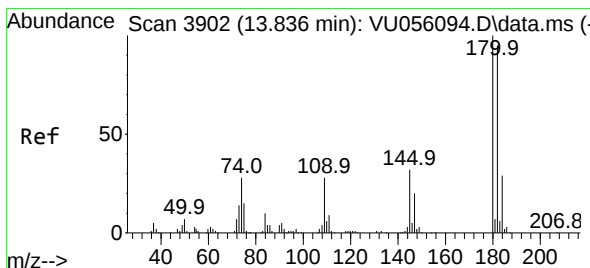
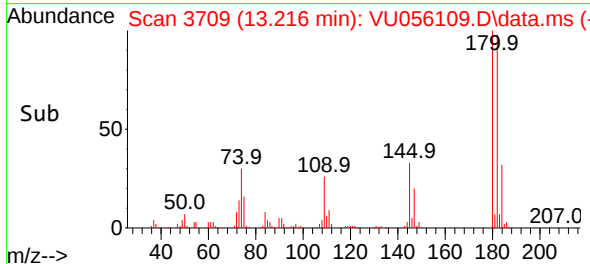
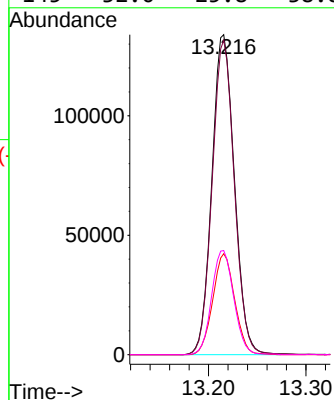


#69
 1,3,5-Trichlorobenzene
 Concen: 5.069 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.003 min
 Lab File: VU056109.D
 Acq: 07 Nov 2023 19:25

Instrument :
 MSVOA_U
 ClientSampleId :

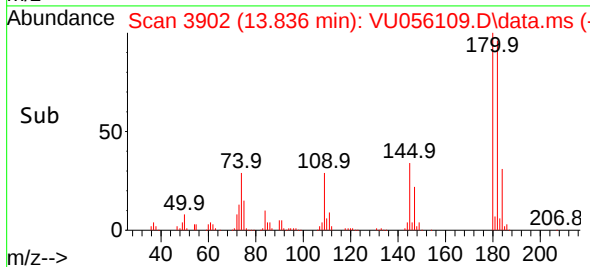
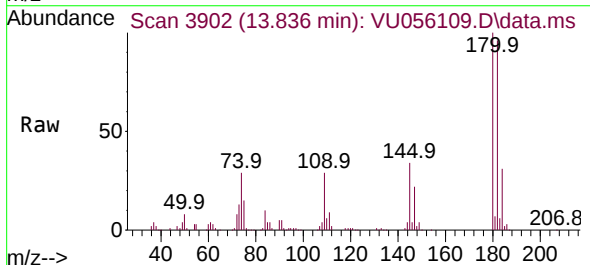
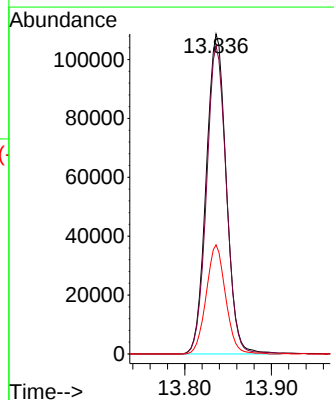


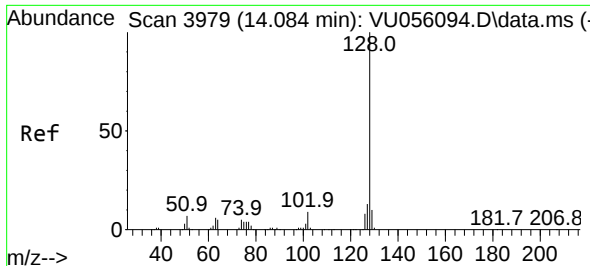
Tgt Ion:180 Resp: 215090
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.0 114.0
 184 30.7 24.0 36.0
 145 32.0 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.196 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU056109.D
 Acq: 07 Nov 2023 19:25

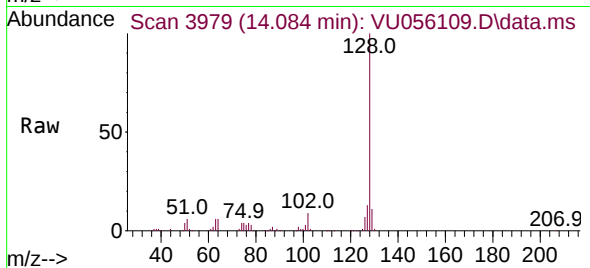
Tgt Ion:180 Resp: 174920
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.4 116.2
 145 32.9 25.9 38.9



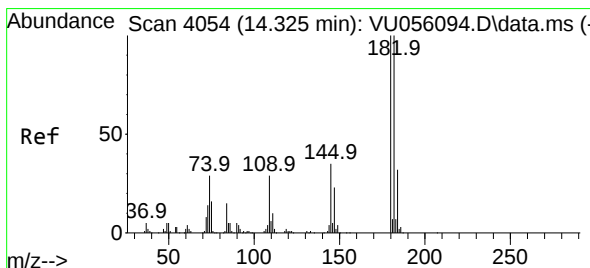
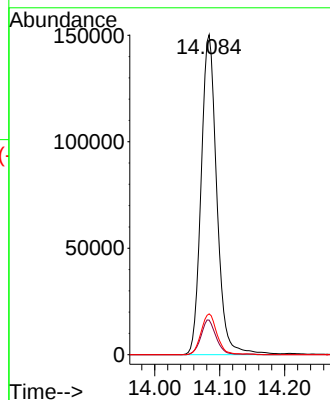
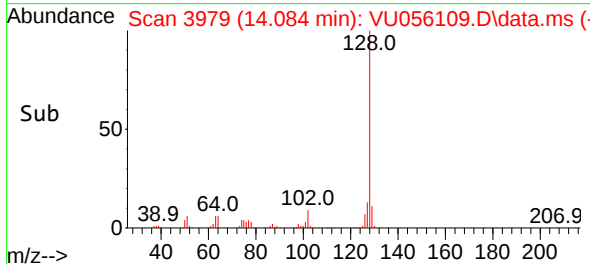


#71
Naphthalene
Concen: 5.062 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 252734
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.0 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.241 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056109.D
Acq: 07 Nov 2023 19:25

Tgt Ion:180 Resp: 154683
Ion Ratio Lower Upper
180 100
182 95.2 76.6 115.0
145 33.8 28.0 42.0

