

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056091.D
 Acq On : 07 Nov 2023 10:09
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:16:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:14:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	384606	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	372420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	192434	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	239462	10.031	ug/L	0.00
7) Chloroethane-d5	1.907	69	160832	9.927	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	106436	10.120	ug/L	0.00
20) 2-Butanone-d5	4.618	46	417601	111.937	ug/L	0.00
24) Chloroform-d	5.055	84	463320	10.196	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	206048	10.298	ug/L	0.00
32) Benzene-d6	5.721	84	944886	10.564	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	271819	10.324	ug/L	0.00
41) Toluene-d8	7.894	98	875174	10.677	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	105727	10.505	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	386988	118.173	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	196405	10.451	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	294449	9.922	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	344858	10.573	ug/L	99
3) Chloromethane	1.515	50	311636	10.199	ug/L	95
5) Vinyl chloride	1.602	62	332363	10.515	ug/L	99
6) Bromomethane	1.853	94	185011	10.190	ug/L	99
8) Chloroethane	1.927	64	171051	9.981	ug/L	96
9) Trichlorofluoromethane	2.132	101	436616	10.443	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	279570	10.497	ug/L	99
12) 1,1-Dichloroethene	2.576	96	261847	10.593	ug/L	98
13) Acetone	2.628	43	292366	101.224	ug/L	98
14) Carbon disulfide	2.788	76	877207	10.414	ug/L	99
15) Methyl Acetate	2.946	43	83629	10.262	ug/L	99
16) Methylene chloride	3.039	84	281118	9.918	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	594700	10.678	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	276871	10.570	ug/L	99
19) 1,1-Dichloroethane	3.862	63	503164	10.530	ug/L	98
21) 2-Butanone	4.698	43	528588	110.970	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	304280	10.761	ug/L	97
23) Bromochloromethane	4.968	128	129906	10.354	ug/L	95
25) Chloroform	5.081	83	519155	10.196	ug/L	100
27) 1,2-Dichloroethane	5.788	62	298586	10.361	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	451359	10.579	ug/L	100
30) Cyclohexane	5.383	56	446977	11.213	ug/L	99
31) Carbon tetrachloride	5.518	117	403098	10.640	ug/L	99
33) Benzene	5.769	78	1149536	10.780	ug/L	100
34) Trichloroethene	6.537	95	309921	10.640	ug/L	98
35) Methylcyclohexane	6.759	83	485604	11.217	ug/L	98
37) 1,2-Dichloropropane	6.785	63	292065	10.532	ug/L	99
38) Bromodichloromethane	7.100	83	355943	10.279	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	435190	11.119	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	1341869	110.627	ug/L	100
42) Toluene	7.965	91	1230786	10.948	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	347670	10.971	ug/L	99

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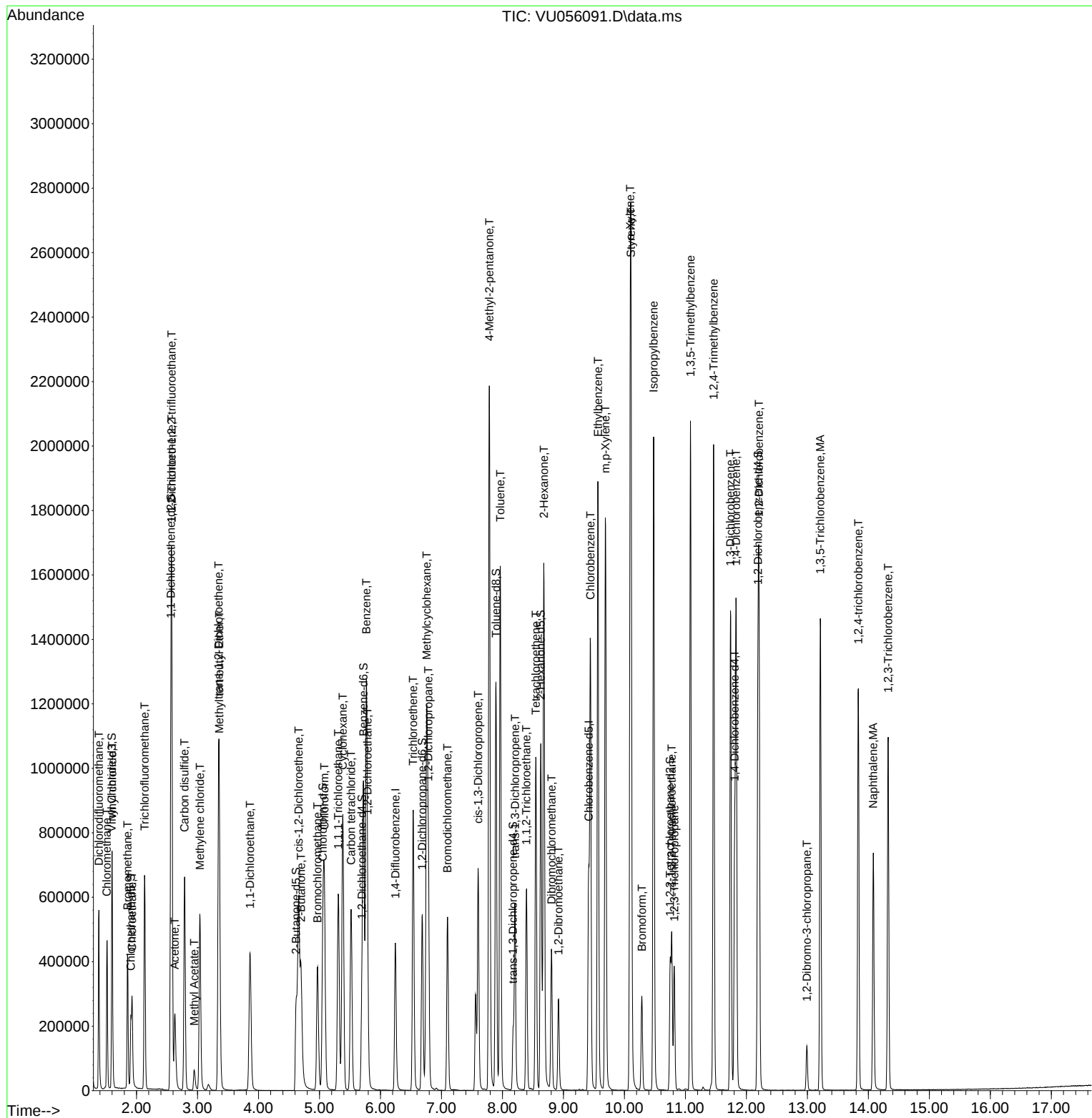
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	198281	10.459	ug/L	98
47) Tetrachloroethene	8.550	164	233434	10.678	ug/L	97
48) 2-Hexanone	8.679	43	993011	114.438	ug/L	98
49) Dibromochloromethane	8.804	129	233646	10.741	ug/L	96
50) 1,2-Dibromoethane	8.920	107	187890	10.607	ug/L #	98
51) Chlorobenzene	9.444	112	767348	10.580	ug/L	99
52) Ethylbenzene	9.566	91	1357996	11.085	ug/L	100
53) m,p-Xylene	9.688	106	530695	11.390	ug/L	99
54) o-Xylene	10.097	106	508419	11.383	ug/L	95
55) Styrene	10.110	104	869653	11.902	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	236954	10.636	ug/L	96
59) Bromoform	10.286	173	135518	10.140	ug/L	100
60) Isopropylbenzene	10.479	105	1353349	10.847	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	166522	10.025	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	1139061	11.257	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	1121229	11.296	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	620610	10.503	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	615431	10.533	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	570269	10.472	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	36260	10.349	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	470133	10.623	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	385488	10.979	ug/L	99
71) Naphthalene	14.080	128	601761	11.762	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	341004	11.077	ug/L	98

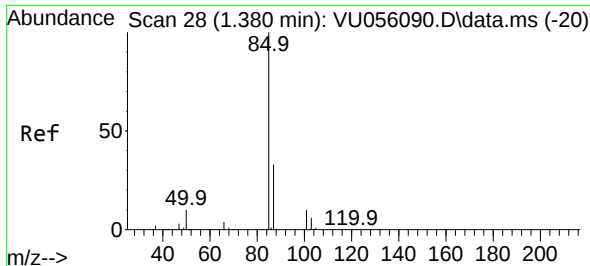
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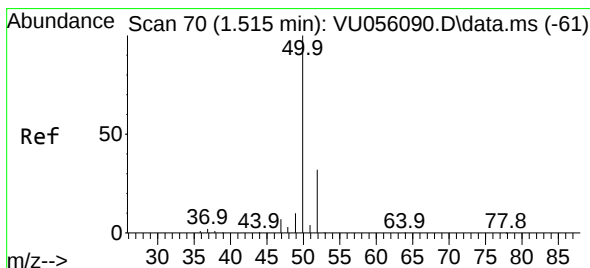
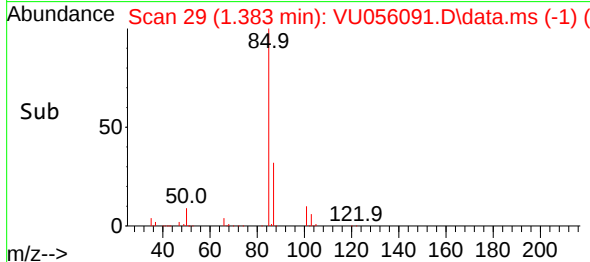
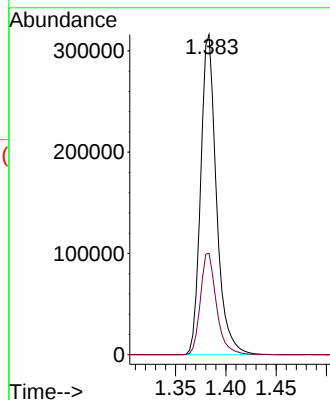
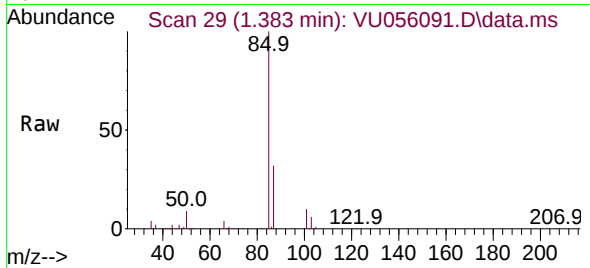




#2
 Dichlorodifluoromethane
 Concen: 10.573 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU056091.D
 Acq: 07 Nov 2023 10:09

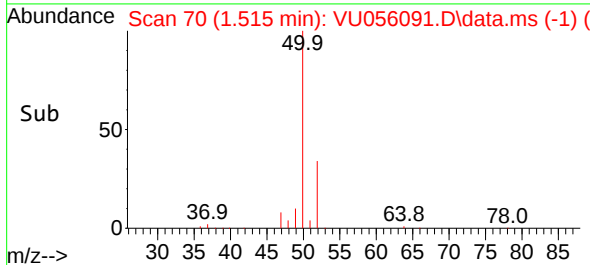
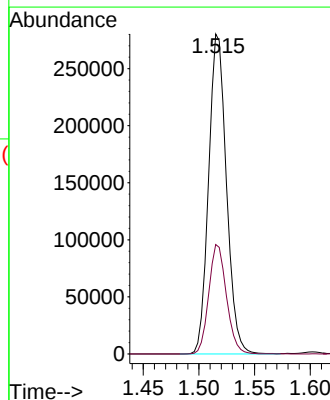
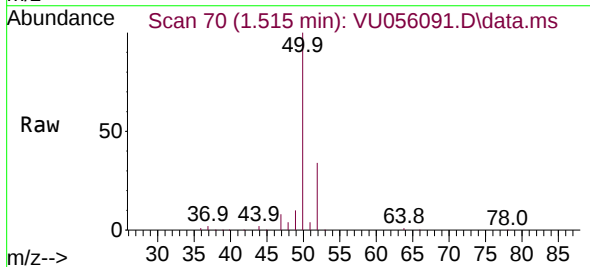
Instrument :
 MSVOA_U
 ClientSampleId :

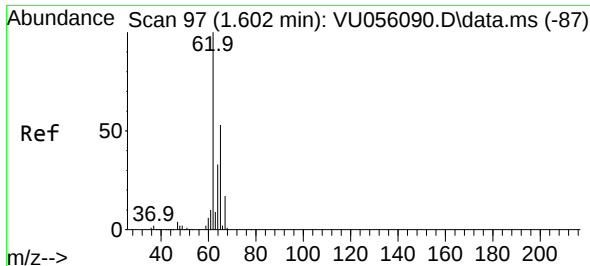
Tgt Ion: 85 Resp: 344858
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.4 39.6



#3
 Chloromethane
 Concen: 10.199 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056091.D
 Acq: 07 Nov 2023 10:09

Tgt Ion: 50 Resp: 311636
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.2 41.2

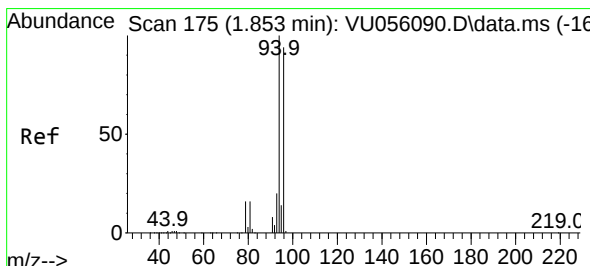
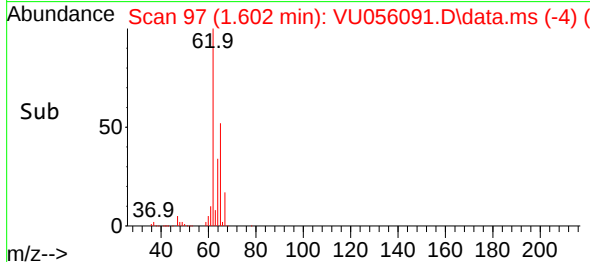
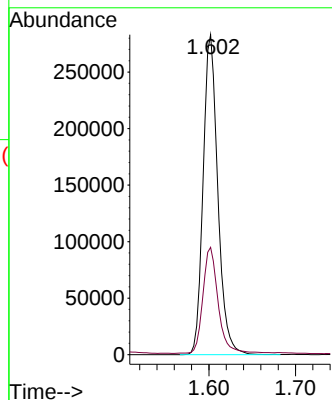
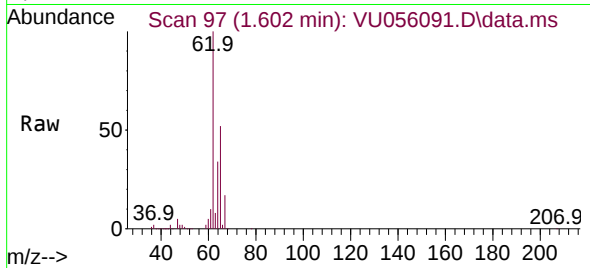




#5
 Vinyl chloride
 Concen: 10.515 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056091.D
 Acq: 07 Nov 2023 10:09

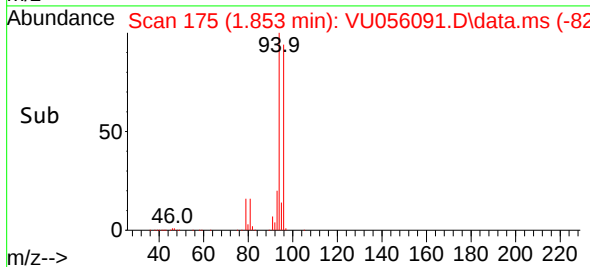
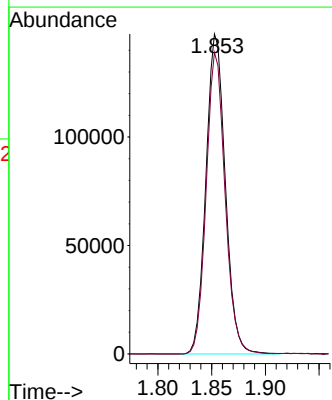
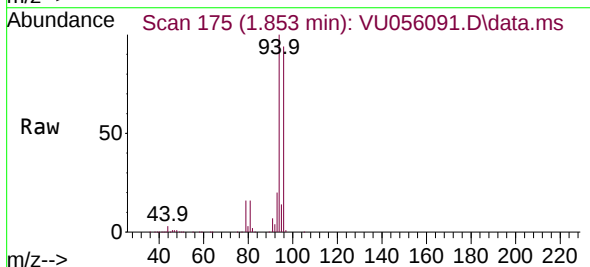
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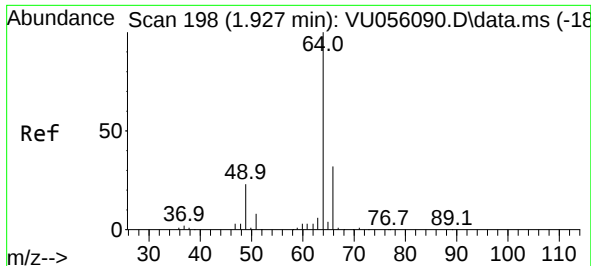
Tgt Ion: 62 Resp: 332363
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.1 44.7



#6
 Bromomethane
 Concen: 10.190 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU056091.D
 Acq: 07 Nov 2023 10:09

Tgt Ion: 94 Resp: 185011
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.6 121.8

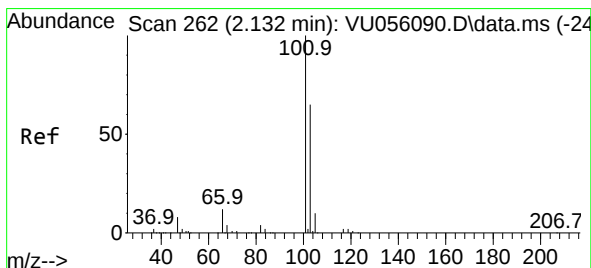
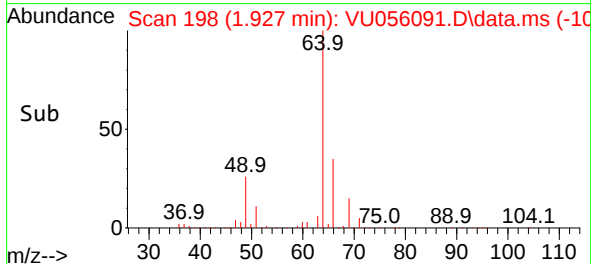
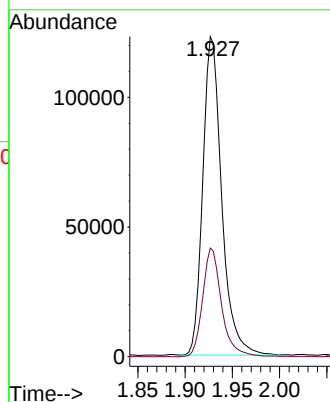
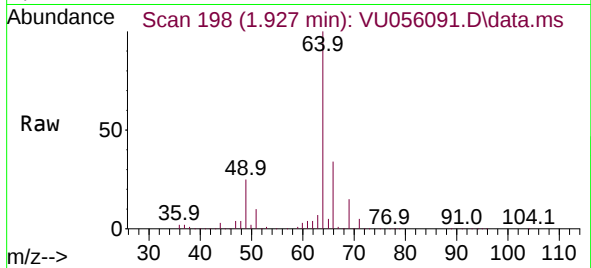




#8
Chloroethane
Concen: 9.981 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

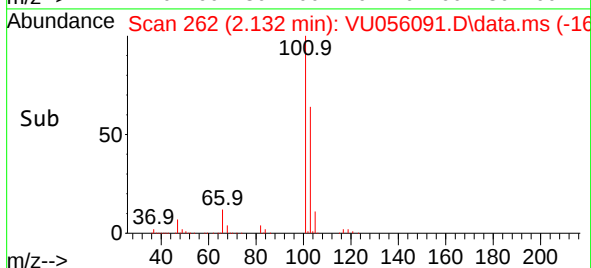
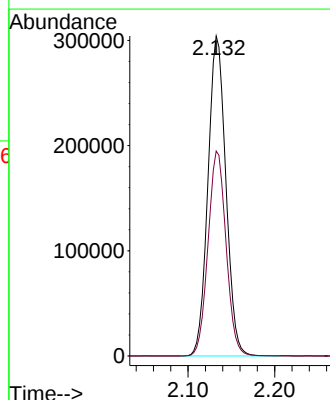
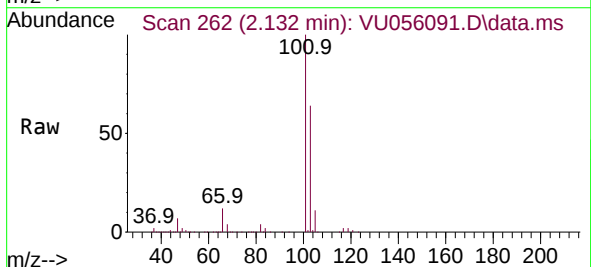
Instrument :
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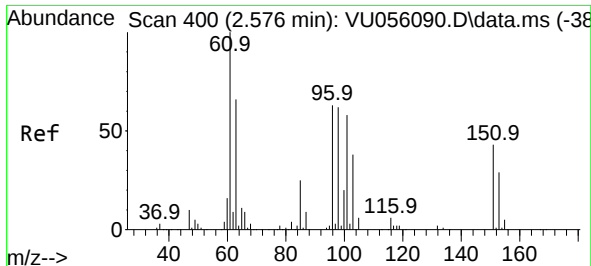
Tgt Ion: 64 Resp: 171051
Ion Ratio Lower Upper
64 100
66 34.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 10.443 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Tgt Ion:101 Resp: 436616
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

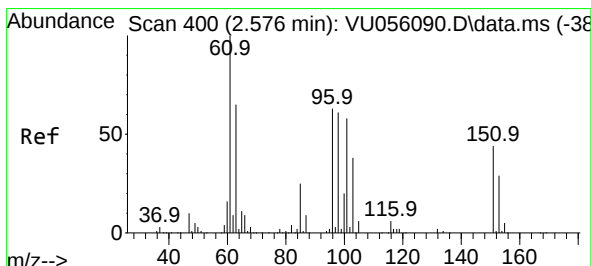
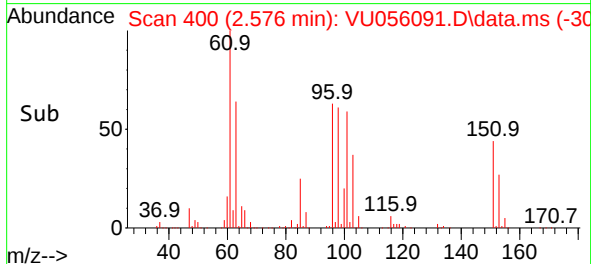
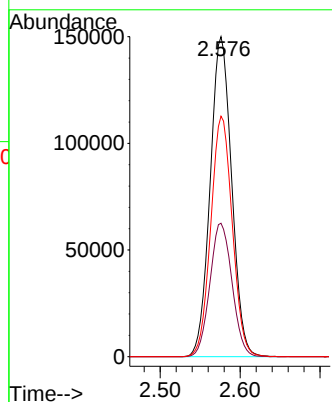
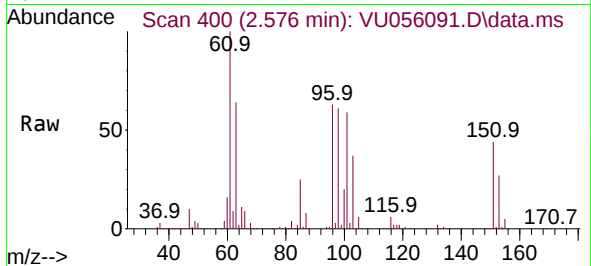




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.497 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056091.D
 Acq: 07 Nov 2023 10:09

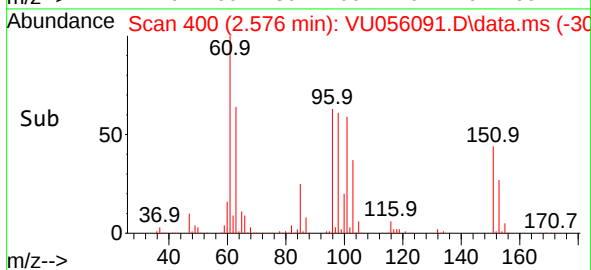
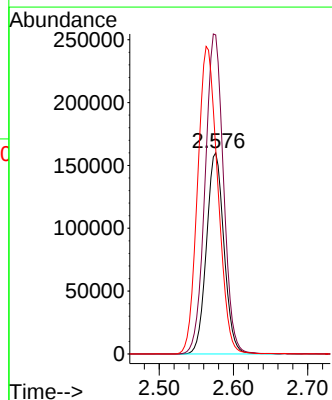
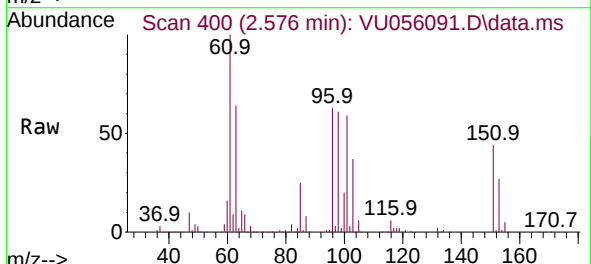
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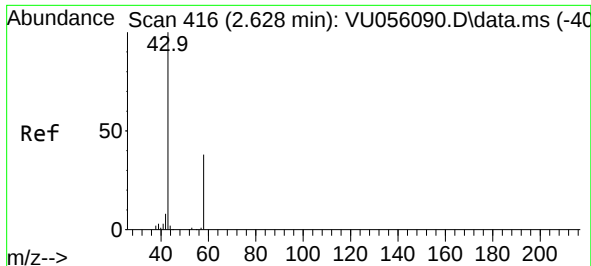
Tgt Ion:101 Resp: 279570
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.2 51.4
 151 75.3 59.3 88.9



#12
 1,1-Dichloroethene
 Concen: 10.593 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056091.D
 Acq: 07 Nov 2023 10:09

Tgt Ion: 96 Resp: 261847
 Ion Ratio Lower Upper
 96 100
 61 158.6 111.7 207.5
 63 101.9 74.5 138.3





#13

Acetone

Concen: 101.224 ug/L

RT: 2.628 min Scan# 416

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Instrument :

MSVOA_U

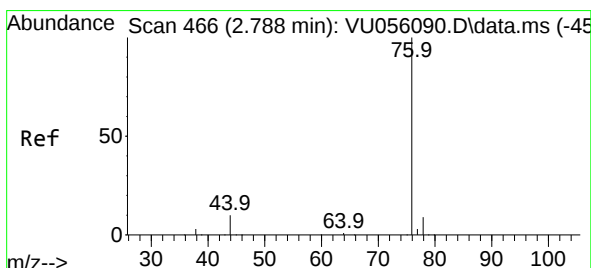
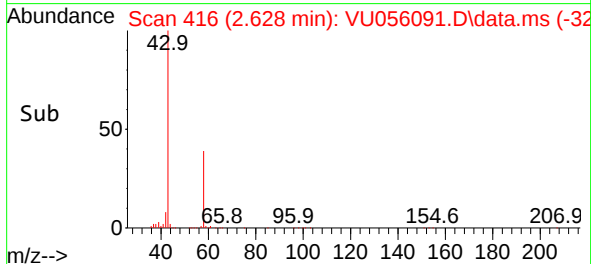
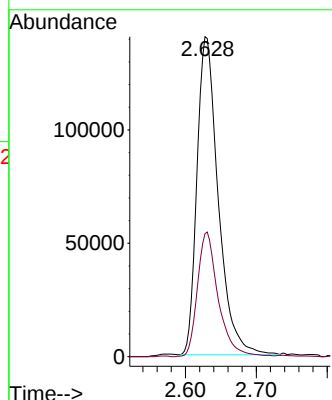
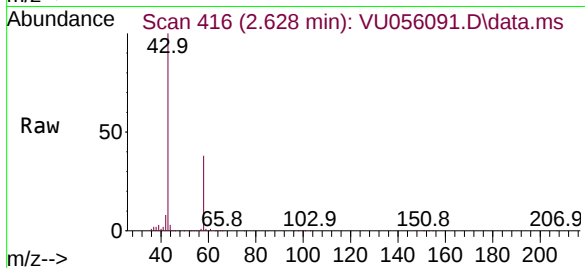
ClientSampleId :

Tgt Ion: 43 Resp: 292366

Ion Ratio Lower Upper

43 100

58 38.3 0.0 74.4



#14

Carbon disulfide

Concen: 10.414 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056091.D

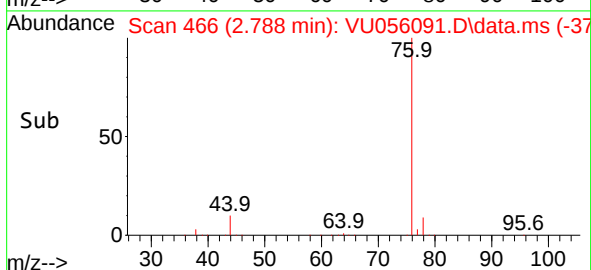
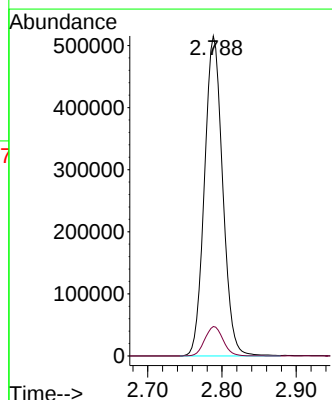
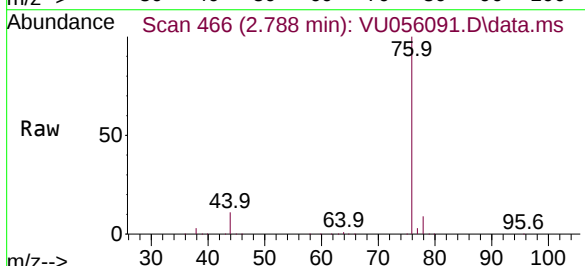
Acq: 07 Nov 2023 10:09

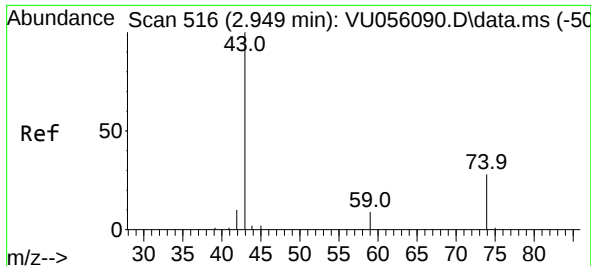
Tgt Ion: 76 Resp: 877207

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

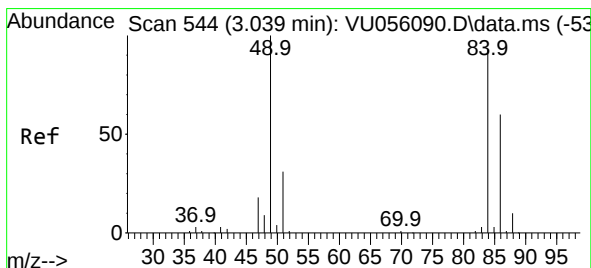
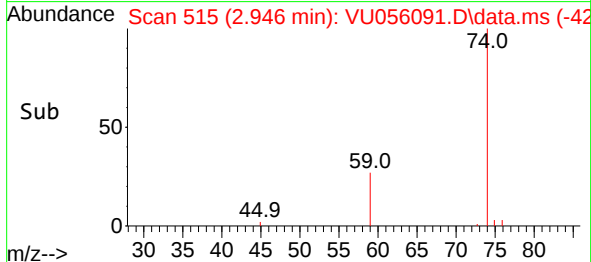
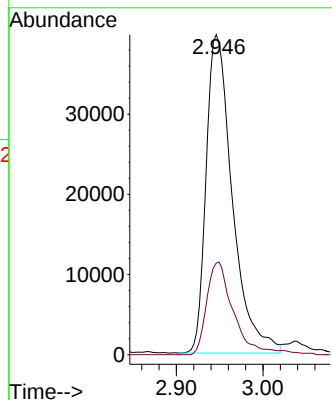
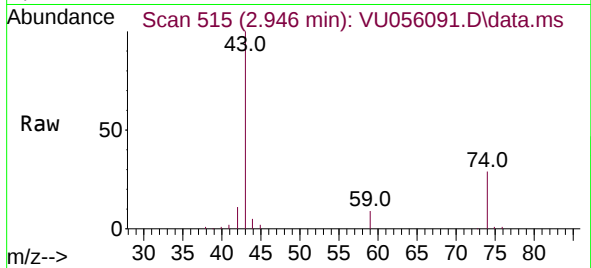




#15
Methyl Acetate
Concen: 10.262 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

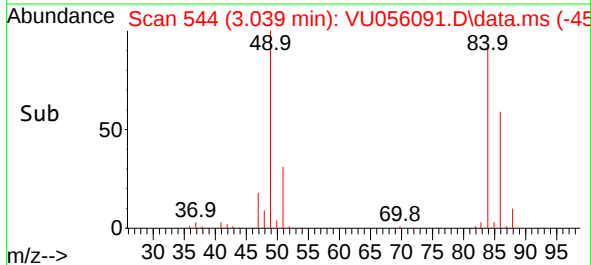
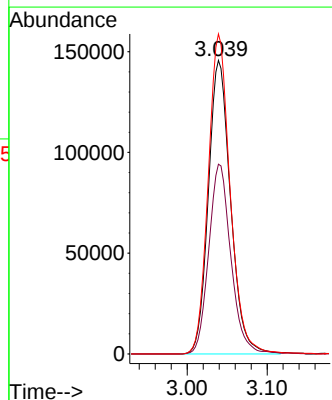
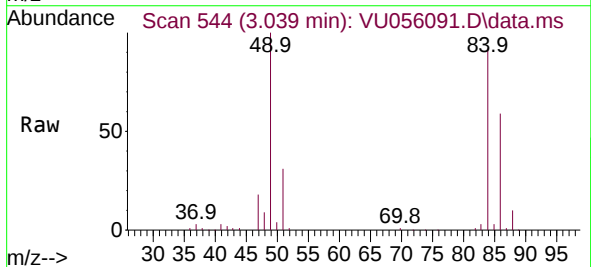
Instrument :
MSVOA_U
ClientSampleId :

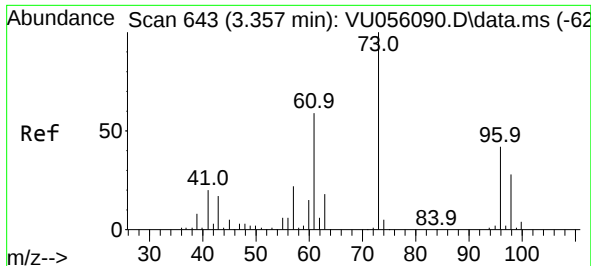
Tgt Ion: 43 Resp: 83629
Ion Ratio Lower Upper
43 100
74 29.8 23.3 34.9



#16
Methylene chloride
Concen: 9.918 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Tgt Ion: 84 Resp: 281118
Ion Ratio Lower Upper
84 100
86 64.6 44.9 83.5
49 109.0 75.0 139.4

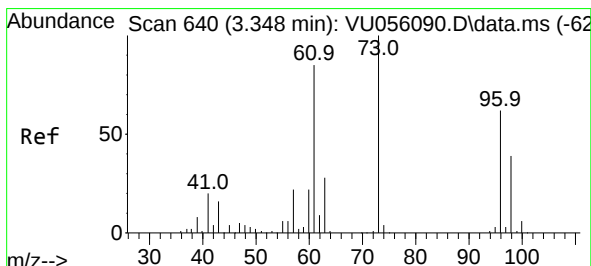
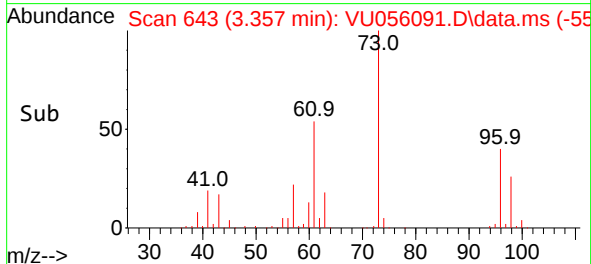
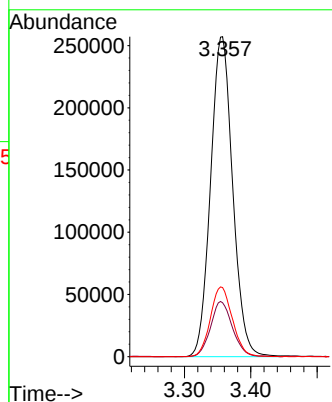
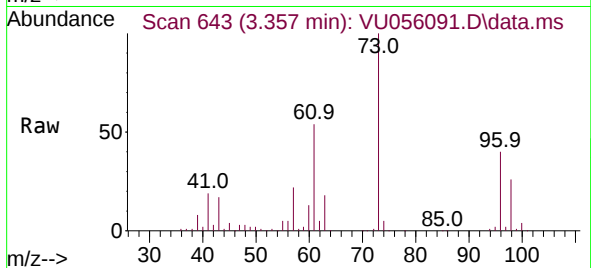




#17
Methyl tert-butyl Ether
Concen: 10.678 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

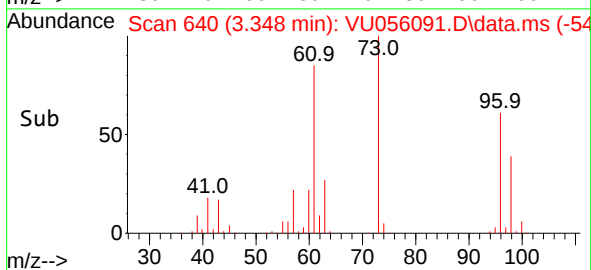
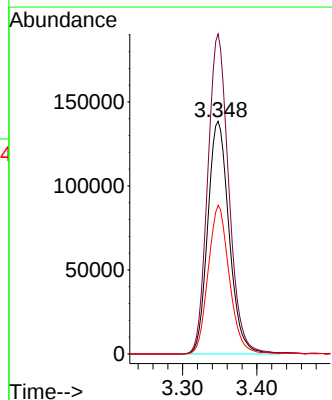
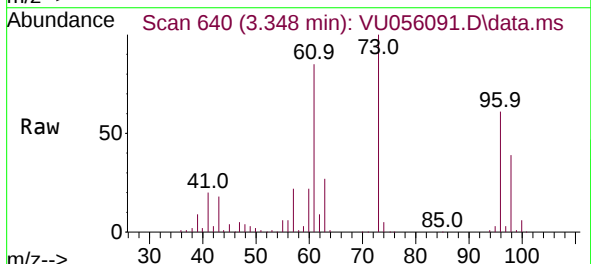
Instrument :
MSVOA_U
ClientSampleId :

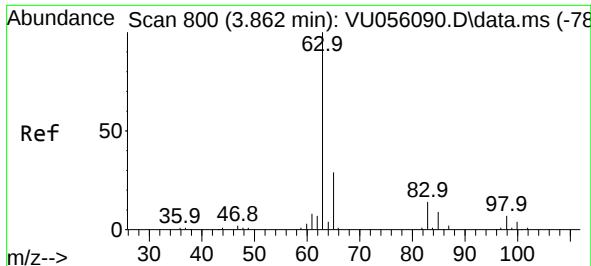
Tgt Ion: 73 Resp: 594700
Ion Ratio Lower Upper
73 100
43 17.1 13.6 20.4
57 21.8 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 10.570 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Tgt Ion: 96 Resp: 276871
Ion Ratio Lower Upper
96 100
61 137.6 96.7 179.5
98 63.9 44.3 82.3

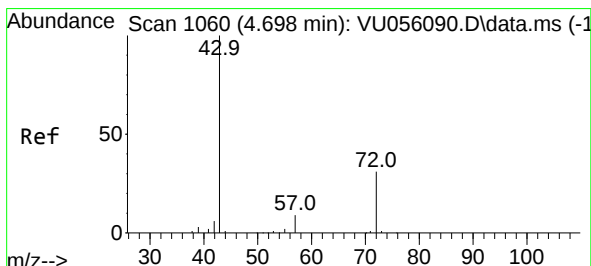
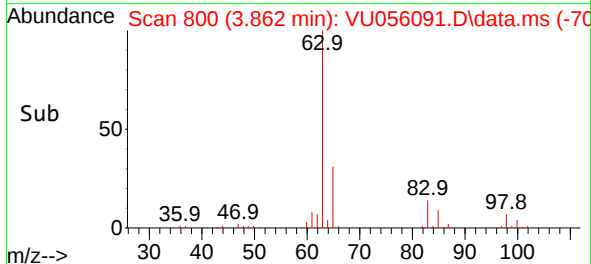
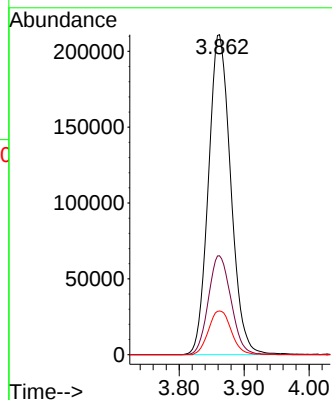
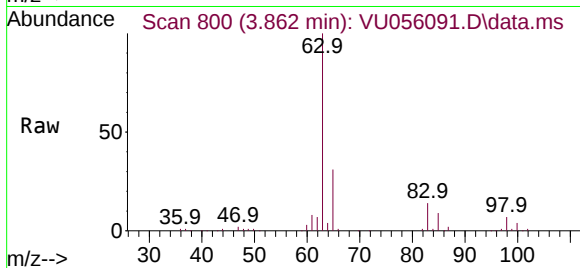




#19
1,1-Dichloroethane
Concen: 10.530 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

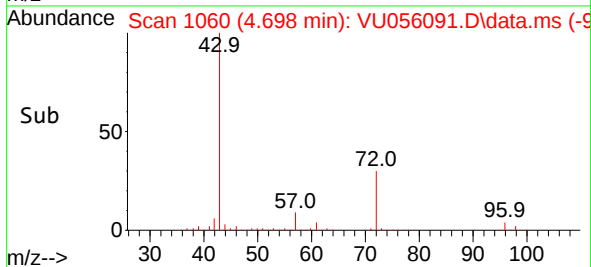
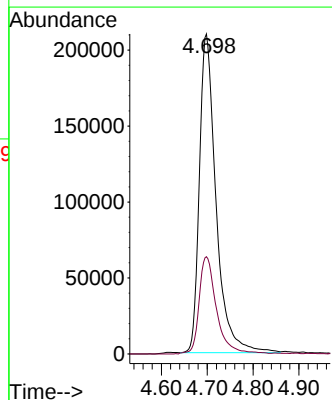
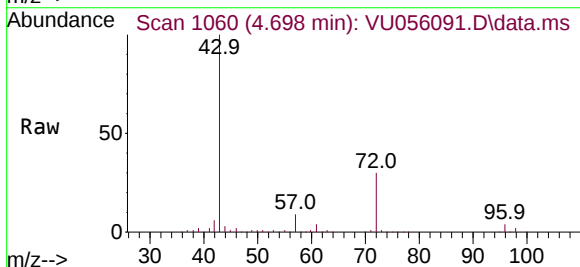
Instrument :
MSVOA_U
ClientSampleId :

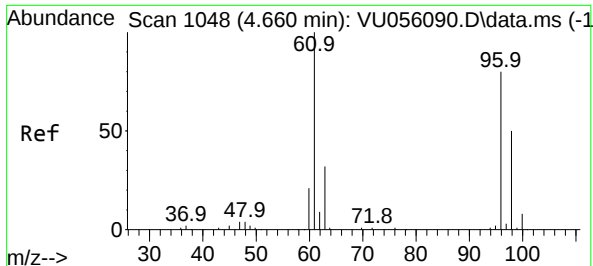
Tgt Ion: 63 Resp: 503164
Ion Ratio Lower Upper
63 100
65 30.9 20.6 38.2
83 13.6 9.6 17.8



#21
2-Butanone
Concen: 110.970 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Tgt Ion: 43 Resp: 528588
Ion Ratio Lower Upper
43 100
72 32.0 15.7 47.0

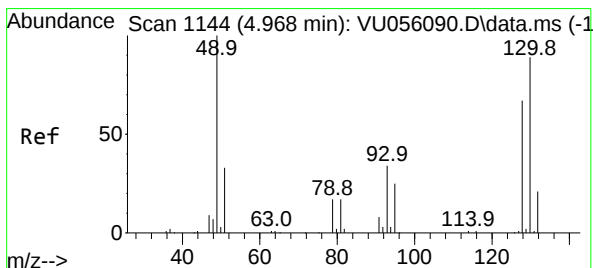
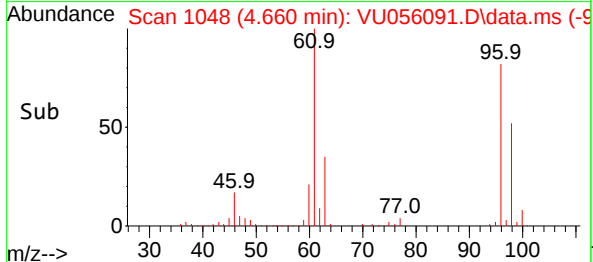
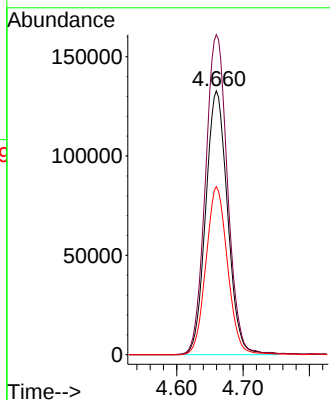
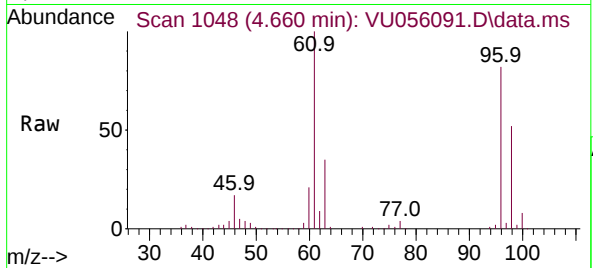




#22
 cis-1,2-Dichloroethene
 Concen: 10.761 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056091.D
 Acq: 07 Nov 2023 10:09

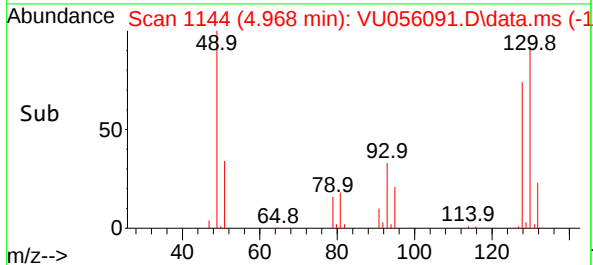
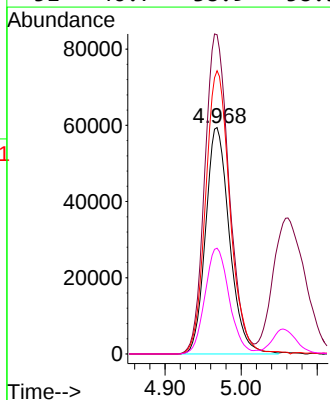
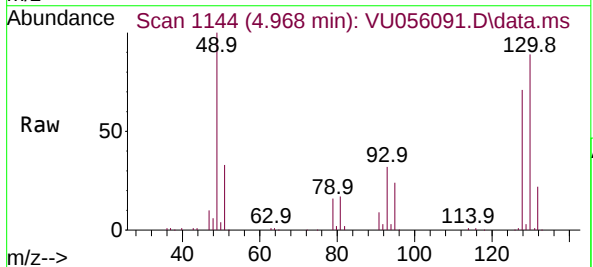
Instrument :
 MSVOA_U
 ClientSampleId :

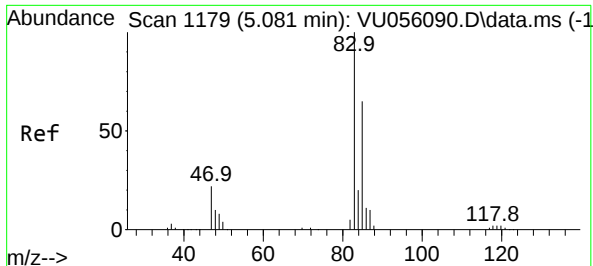
Tgt Ion: 96 Resp: 304280
 Ion Ratio Lower Upper
 96 100
 61 121.3 87.8 163.2
 98 63.7 43.5 80.7



#23
 Bromochloromethane
 Concen: 10.354 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056091.D
 Acq: 07 Nov 2023 10:09

Tgt Ion: 128 Resp: 129906
 Ion Ratio Lower Upper
 128 100
 49 141.0 103.7 192.7
 130 125.1 91.8 170.6
 51 46.7 38.9 58.3





#25

Chloroform

Concen: 10.196 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Instrument :

MSVOA_U

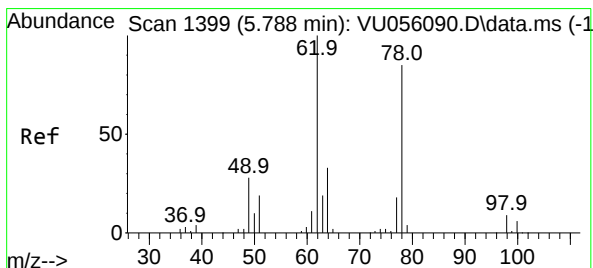
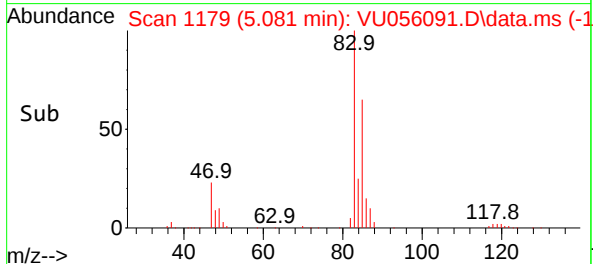
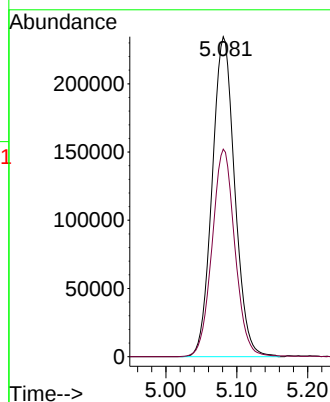
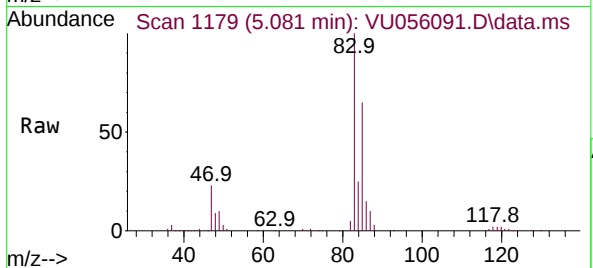
ClientSampleId :

Tgt Ion: 83 Resp: 519155

Ion Ratio Lower Upper

83 100

85 64.9 45.3 84.1



#27

1,2-Dichloroethane

Concen: 10.361 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056091.D

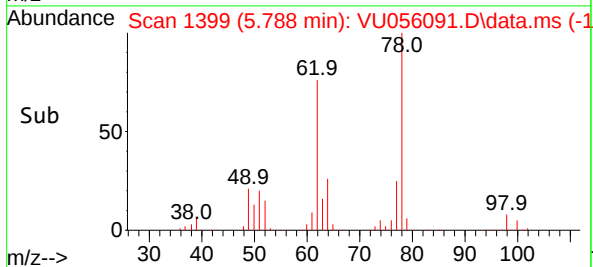
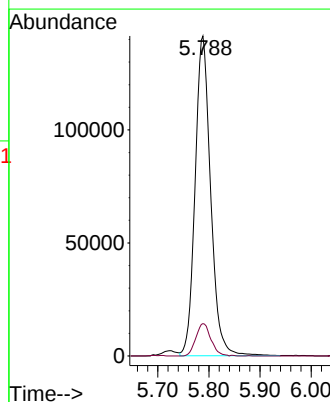
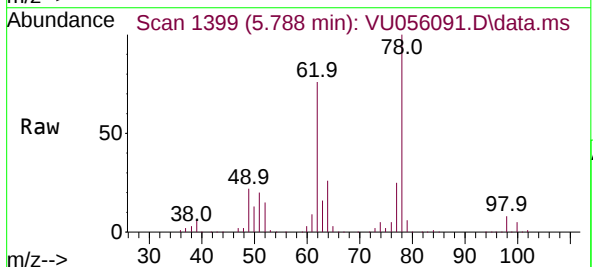
Acq: 07 Nov 2023 10:09

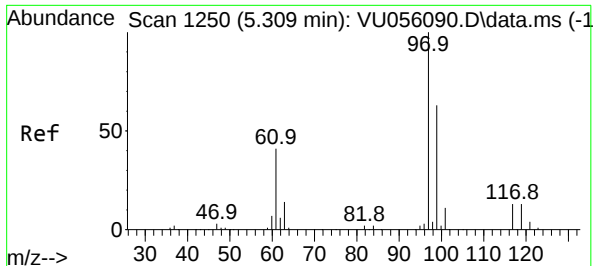
Tgt Ion: 62 Resp: 298586

Ion Ratio Lower Upper

62 100

98 10.1 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 10.579 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

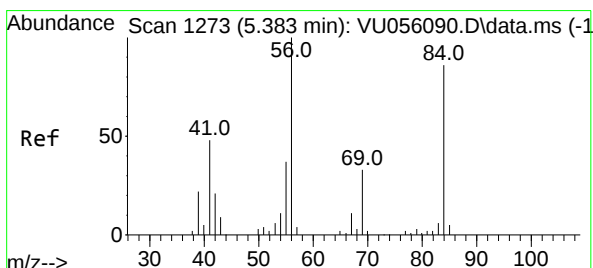
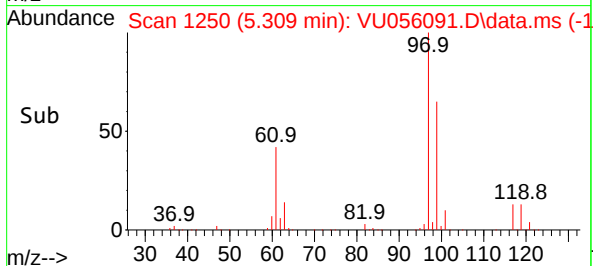
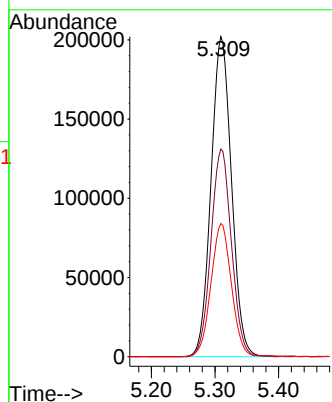
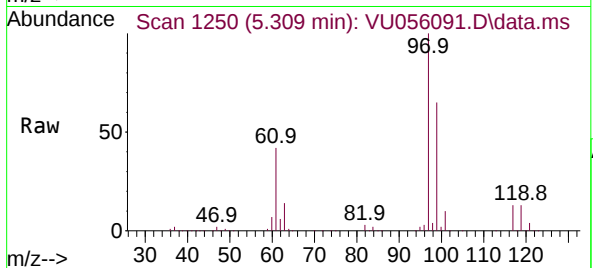
Tgt Ion: 97 Resp: 451359

Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

61 41.8 33.4 50.0



#30

Cyclohexane

Concen: 11.213 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

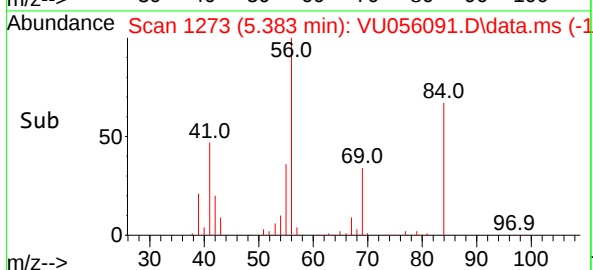
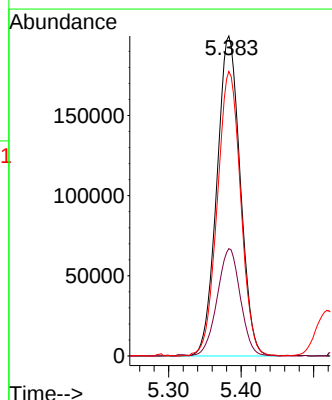
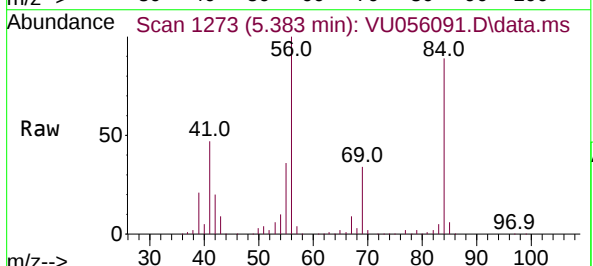
Tgt Ion: 56 Resp: 446977

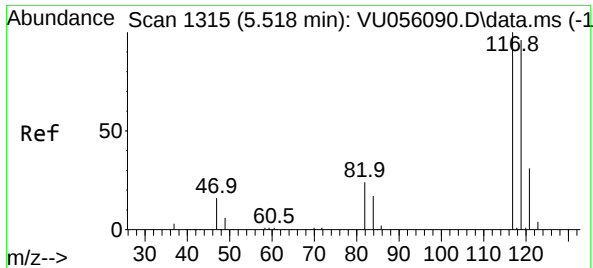
Ion Ratio Lower Upper

56 100

69 33.3 26.6 39.8

84 88.9 70.4 105.6

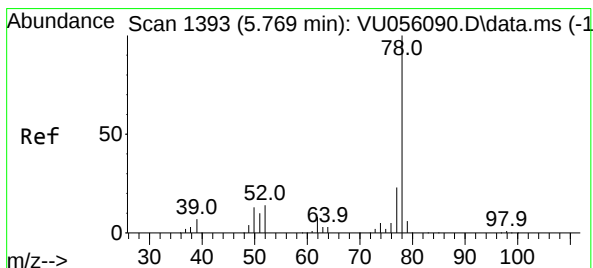
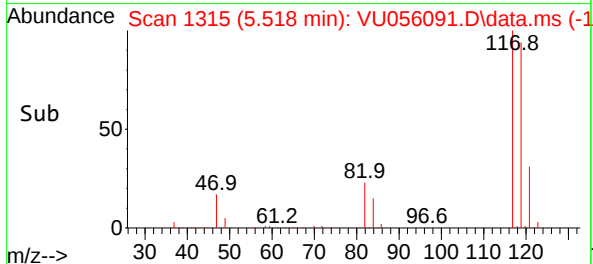
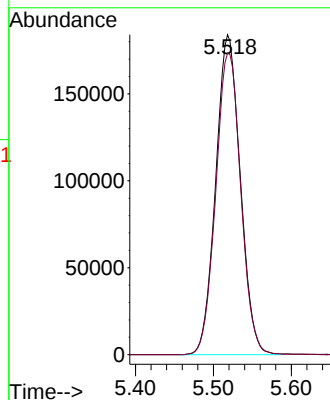
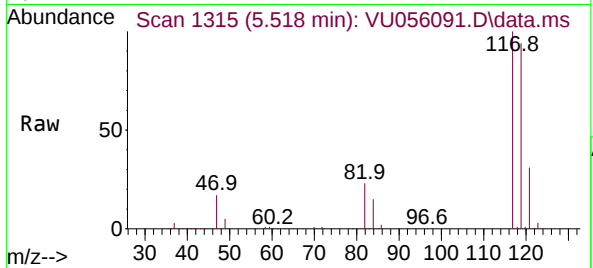




#31
Carbon tetrachloride
Concen: 10.640 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

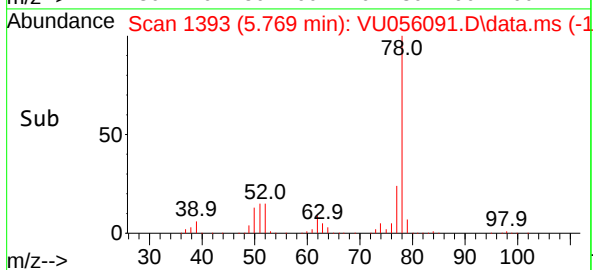
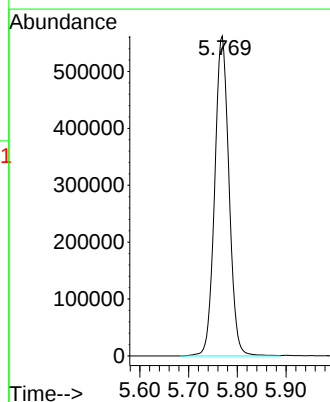
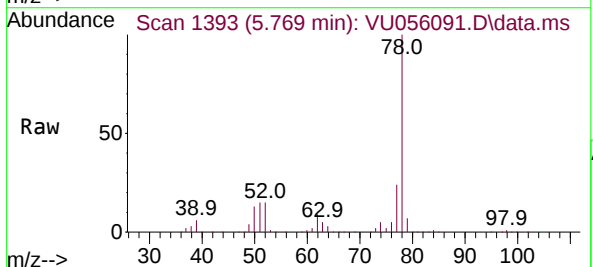
Instrument :
MSVOA_U
ClientSampleId :

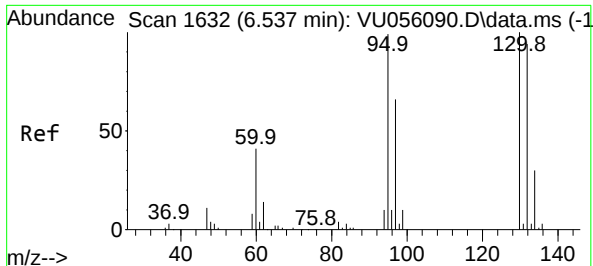
Tgt Ion:117 Resp: 403098
Ion Ratio Lower Upper
117 100
119 95.9 77.2 115.8



#33
Benzene
Concen: 10.780 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

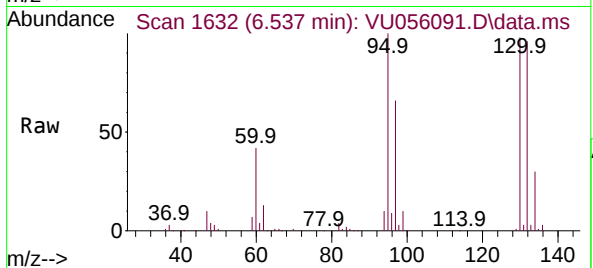
Tgt Ion: 78 Resp: 1149536



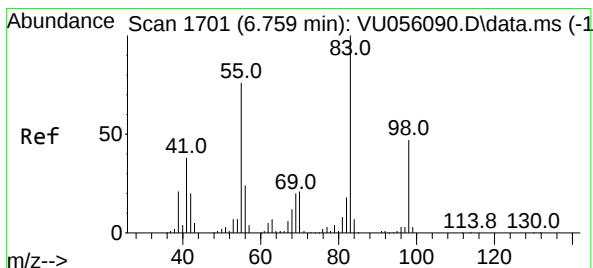
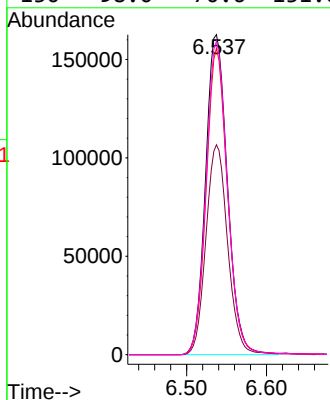
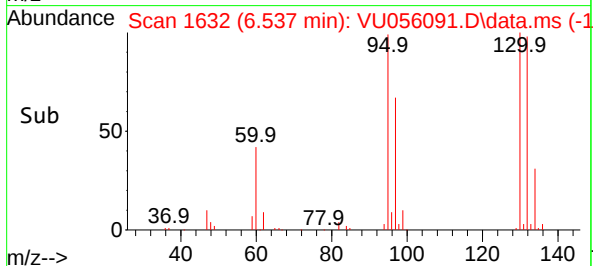


#34
Trichloroethene
Concen: 10.640 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

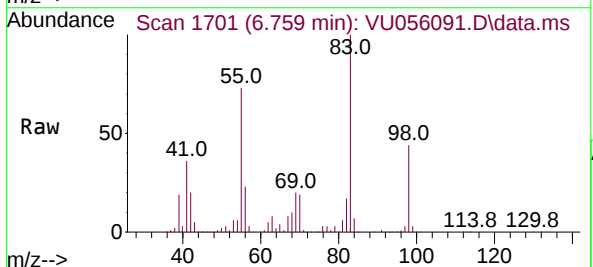
Instrument :
MSVOA_U
ClientSampleId :



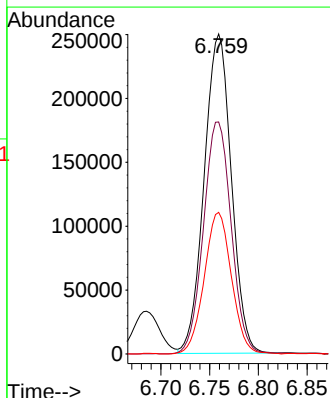
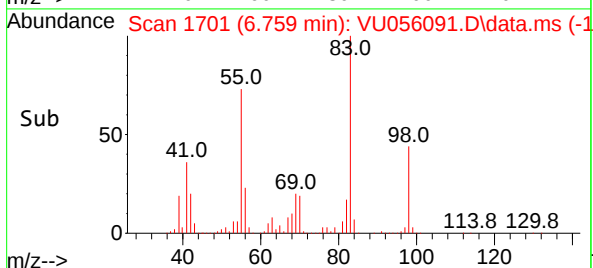
Tgt Ion: 95 Resp: 309921
Ion Ratio Lower Upper
95 100
97 65.6 46.8 87.0
132 95.7 66.5 123.5
130 98.0 70.6 131.0

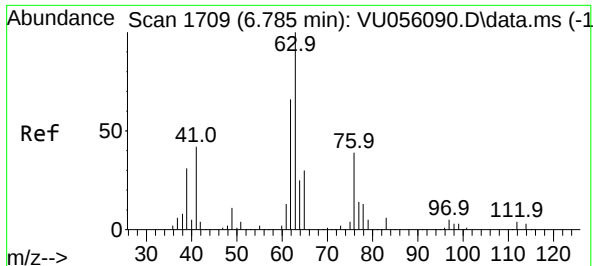


#35
Methylcyclohexane
Concen: 11.217 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09



Tgt Ion: 83 Resp: 485604
Ion Ratio Lower Upper
83 100
55 74.2 60.6 91.0
98 44.4 36.2 54.4





#37

1,2-Dichloropropane

Concen: 10.532 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Instrument :

MSVOA_U

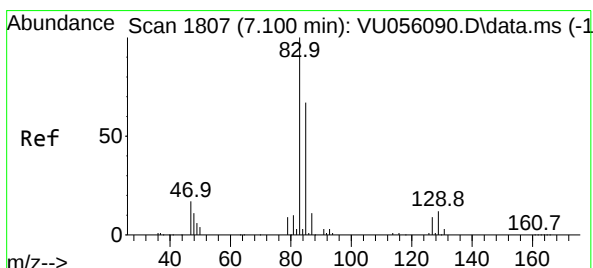
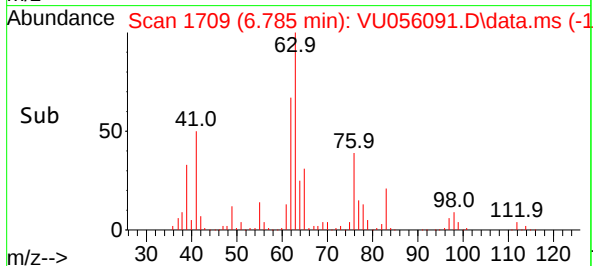
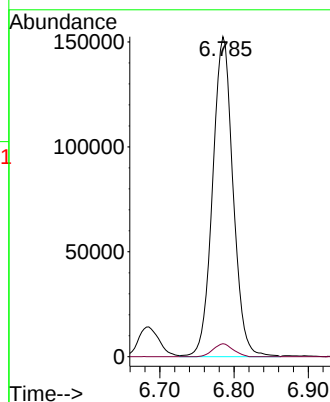
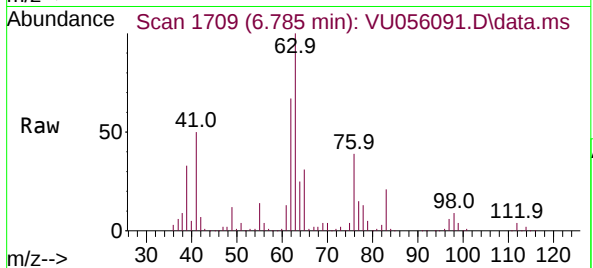
ClientSampleId :

Tgt Ion: 63 Resp: 292065

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.2



#38

Bromodichloromethane

Concen: 10.279 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

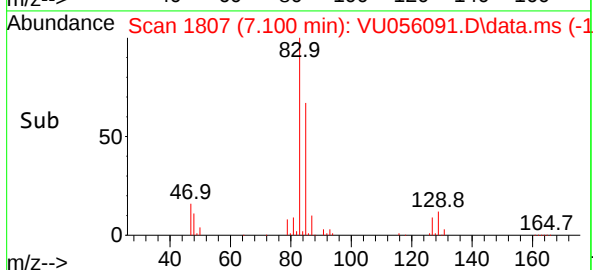
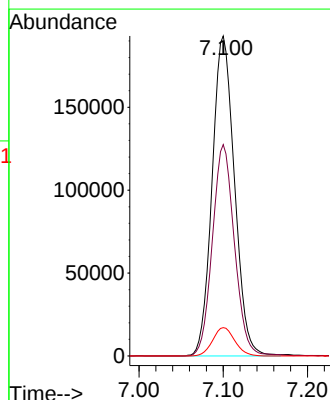
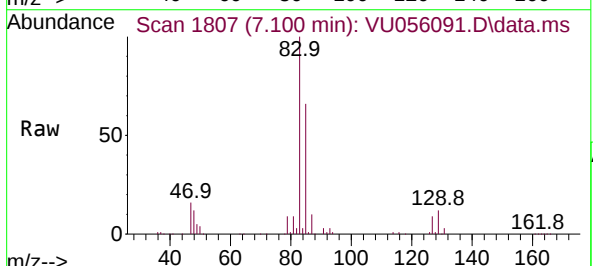
Tgt Ion: 83 Resp: 355943

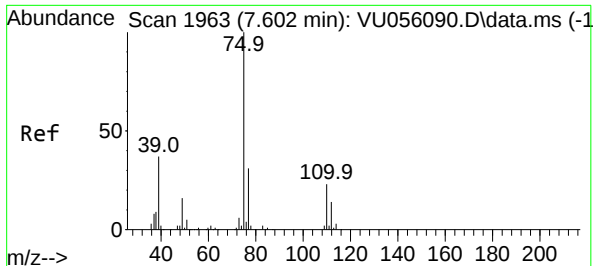
Ion Ratio Lower Upper

83 100

85 66.1 46.6 86.6

127 8.9 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 11.119 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Instrument :

MSVOA_U

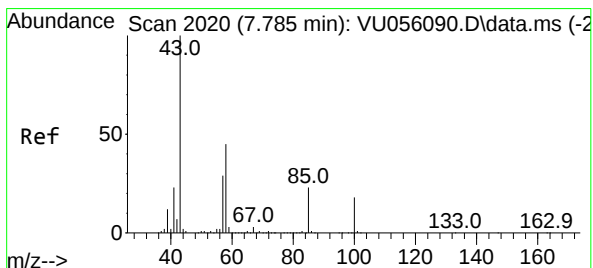
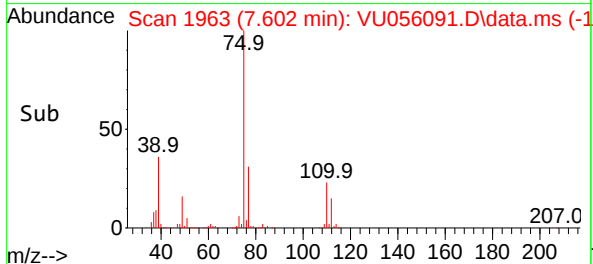
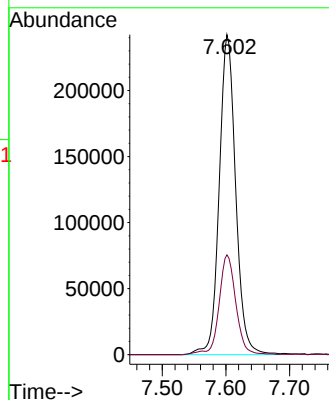
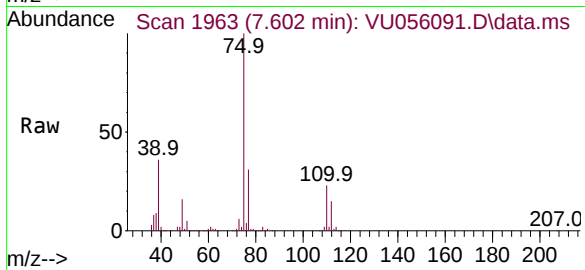
ClientSampleId :

Tgt Ion: 75 Resp: 435190

Ion Ratio Lower Upper

75 100

77 31.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 110.627 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

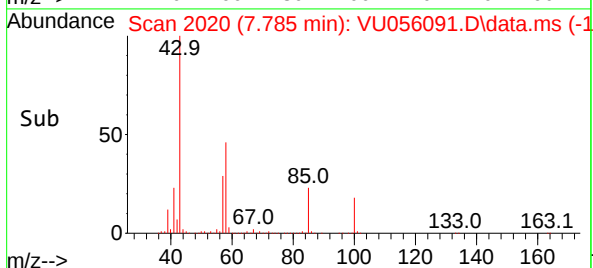
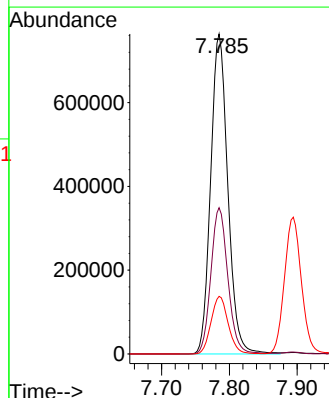
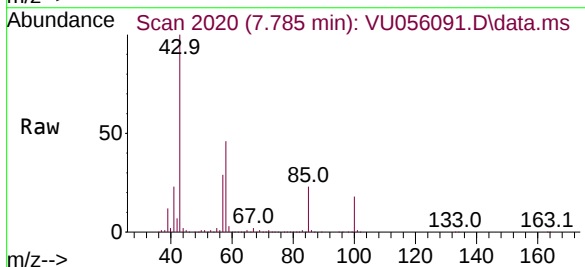
Tgt Ion: 43 Resp: 1341869

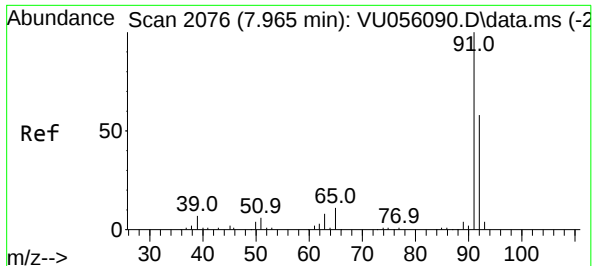
Ion Ratio Lower Upper

43 100

58 45.3 36.0 54.0

100 18.0 14.2 21.4





#42

Toluene

Concen: 10.948 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Instrument :

MSVOA_U

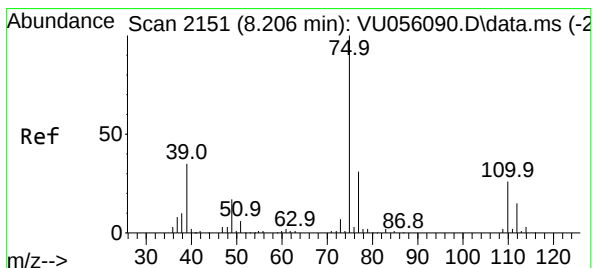
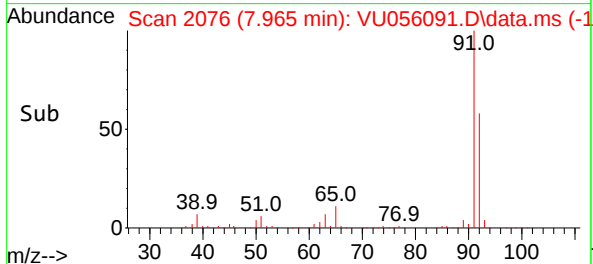
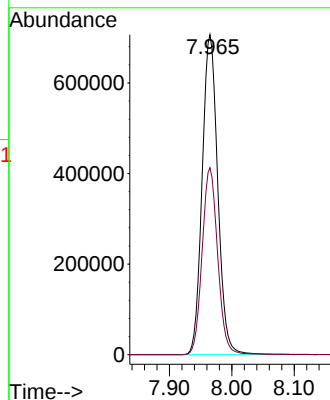
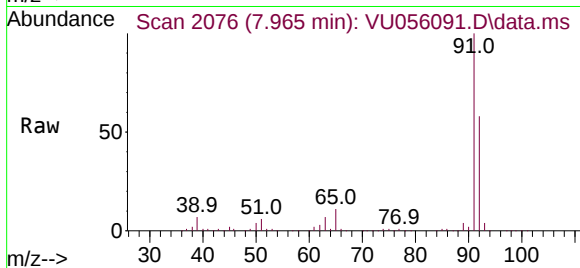
ClientSampleId :

Tgt Ion: 91 Resp: 1230786

Ion Ratio Lower Upper

91 100

92 58.5 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 10.971 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056091.D

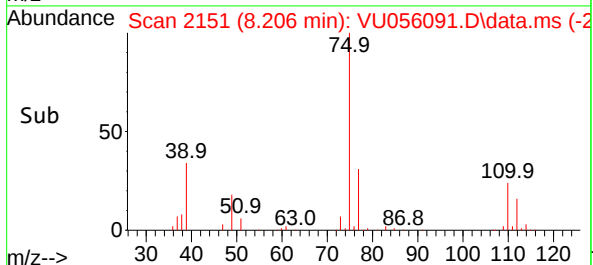
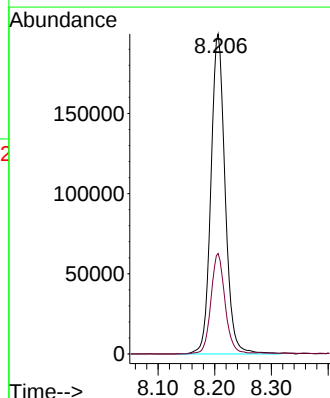
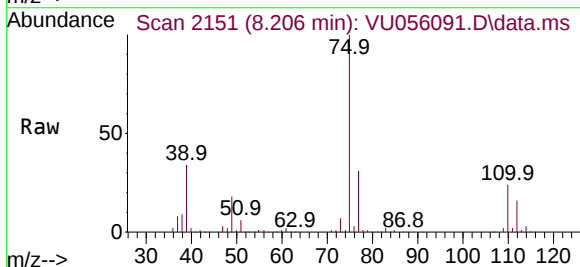
Acq: 07 Nov 2023 10:09

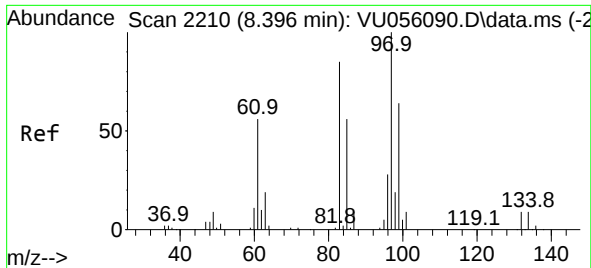
Tgt Ion: 75 Resp: 347670

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3



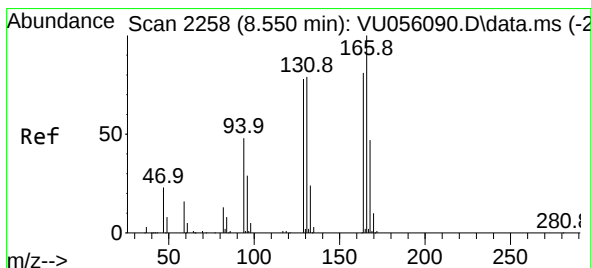
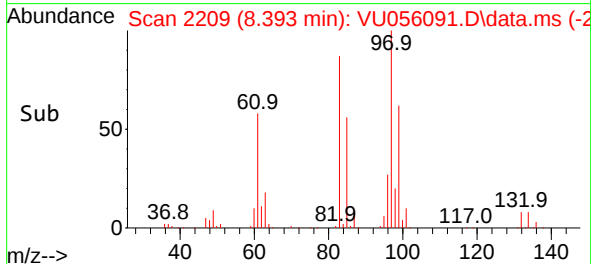
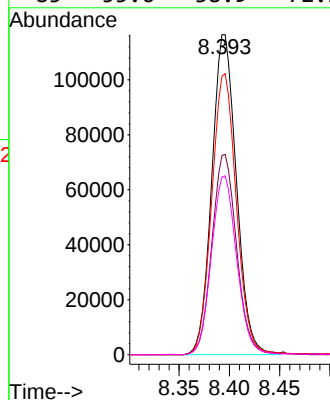
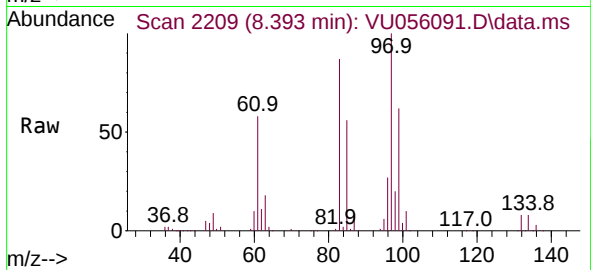


#45
1,1,2-Trichloroethane
Concen: 10.459 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 198281

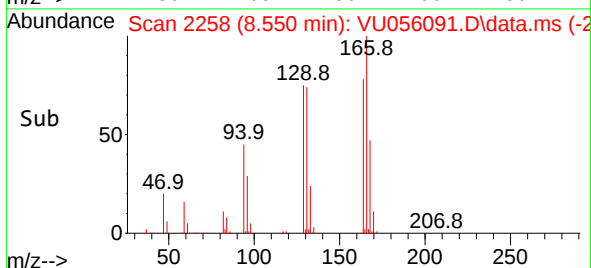
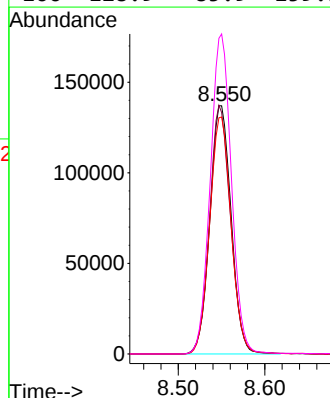
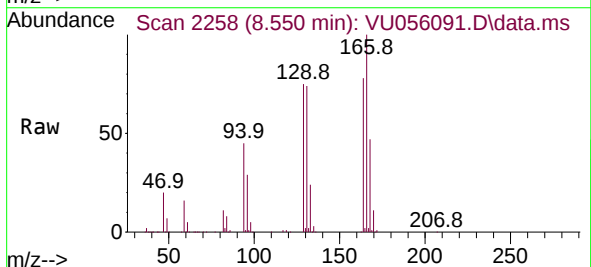
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.7	82.9
83	87.0	59.4	110.2
85	55.6	38.9	72.2

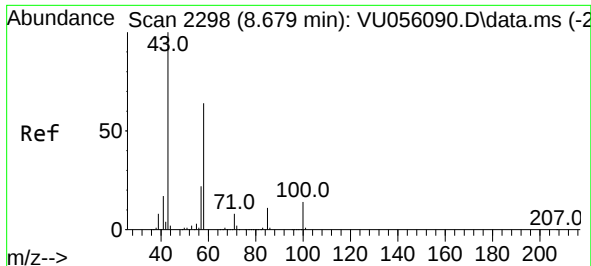


#47
Tetrachloroethene
Concen: 10.678 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Tgt Ion: 164 Resp: 233434

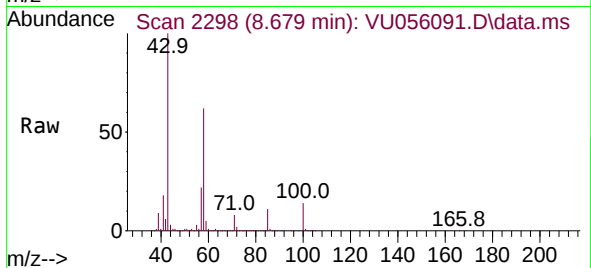
Ion	Ratio	Lower	Upper
164	100		
129	97.2	66.6	123.8
131	95.5	67.8	126.0
166	128.9	85.9	159.5



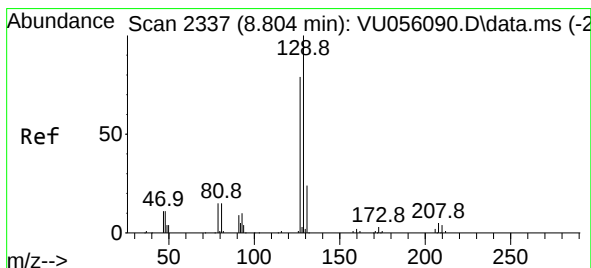
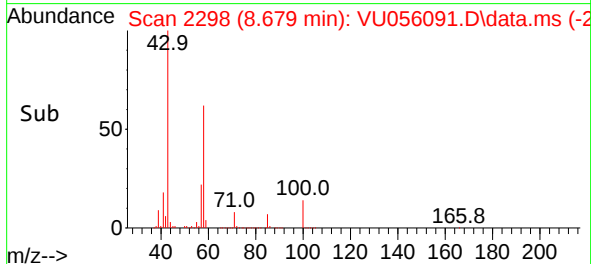
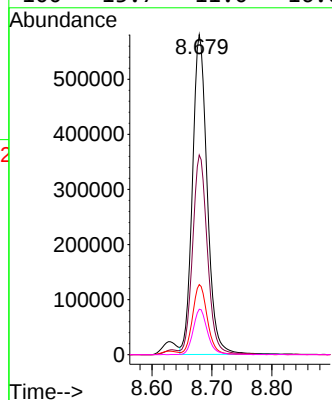


#48
2-Hexanone
Concen: 114.438 ug/L
RT: 8.679 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Instrument :
MSVOA_U
ClientSampleId :

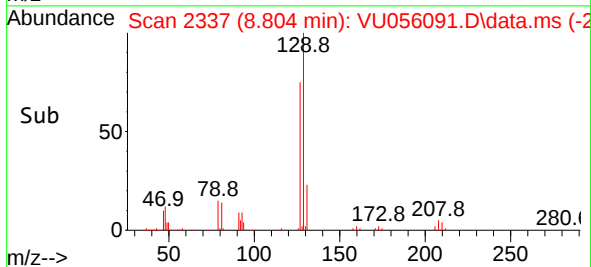
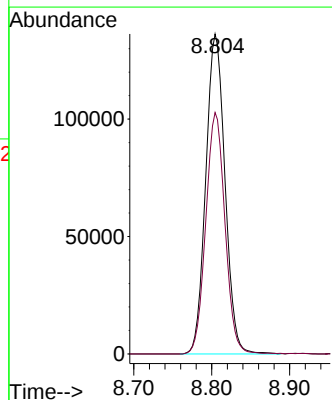
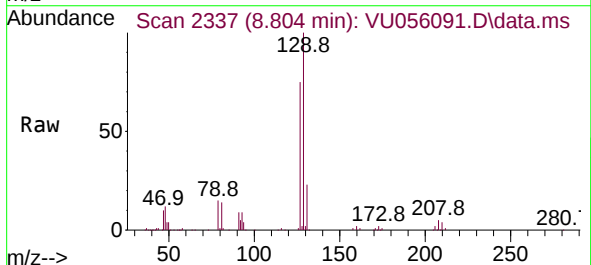


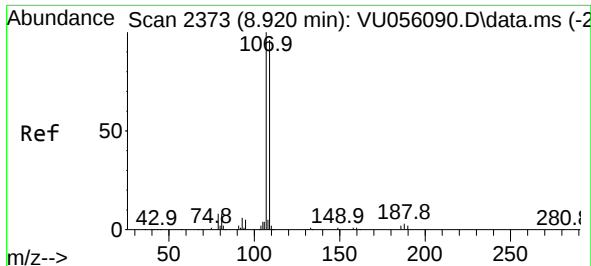
Tgt Ion: 43 Resp: 993011
Ion Ratio Lower Upper
43 100
58 62.8 52.0 78.0
57 22.0 17.4 26.2
100 13.7 11.0 16.6



#49
Dibromochloromethane
Concen: 10.741 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Tgt Ion: 129 Resp: 233646
Ion Ratio Lower Upper
129 100
127 75.4 55.4 102.8





#50

1,2-Dibromoethane

Concen: 10.607 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

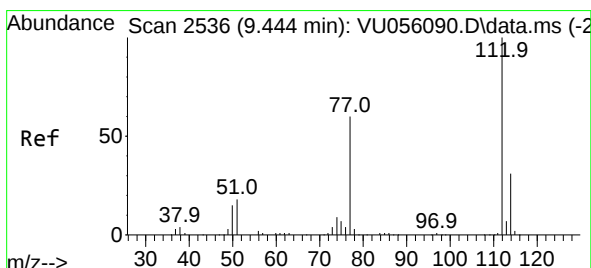
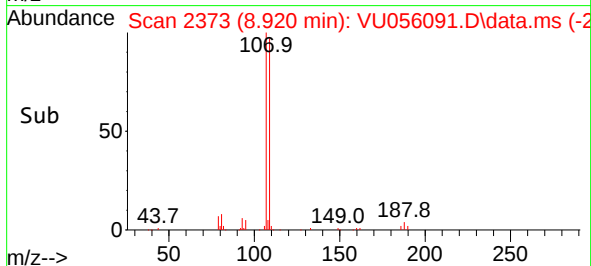
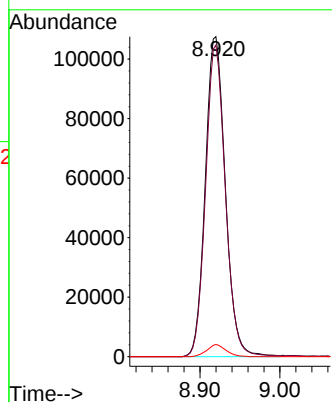
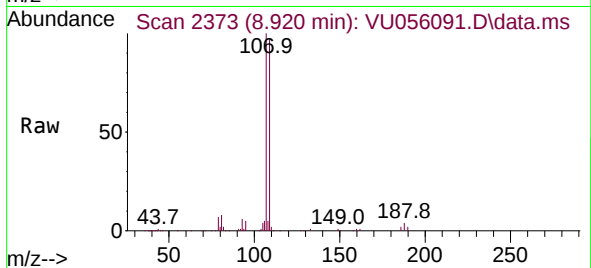
Tgt Ion:107 Resp: 187890

Ion Ratio Lower Upper

107 100

109 97.3 66.9 124.3

188 3.8 2.5 3.7#



#51

Chlorobenzene

Concen: 10.580 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

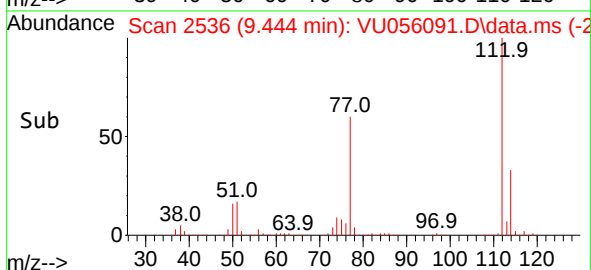
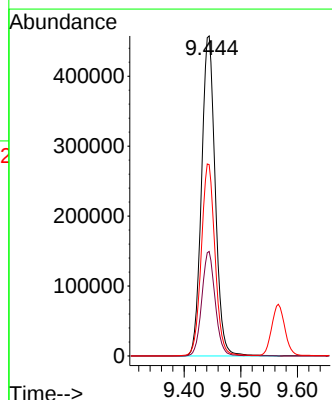
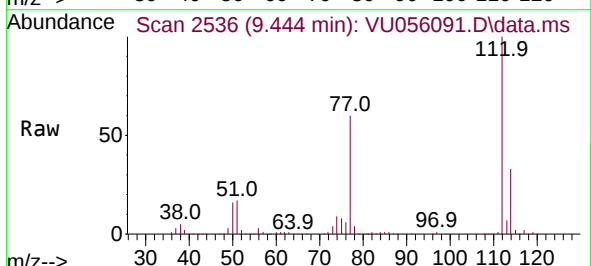
Tgt Ion:112 Resp: 767348

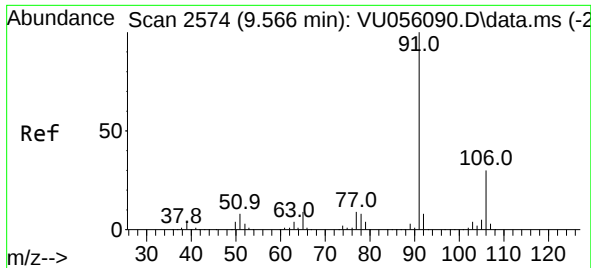
Ion Ratio Lower Upper

112 100

114 32.6 21.8 40.4

77 59.8 48.2 72.4

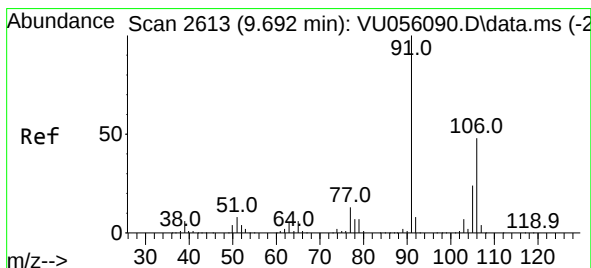
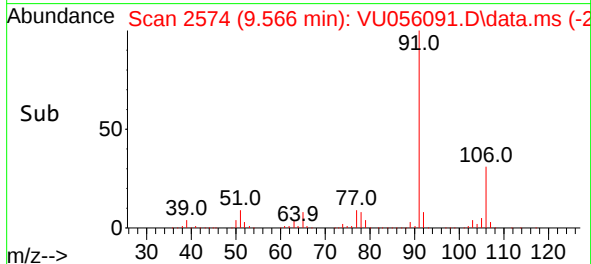
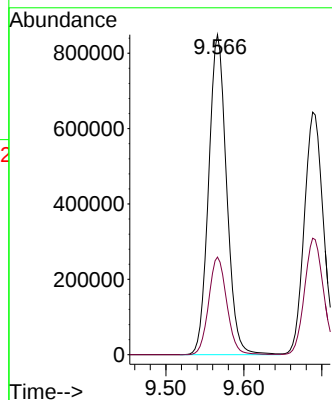
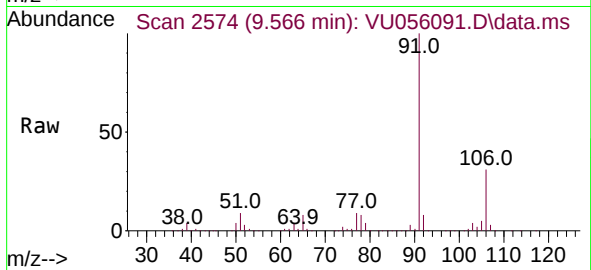




#52
Ethylbenzene
Concen: 11.085 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

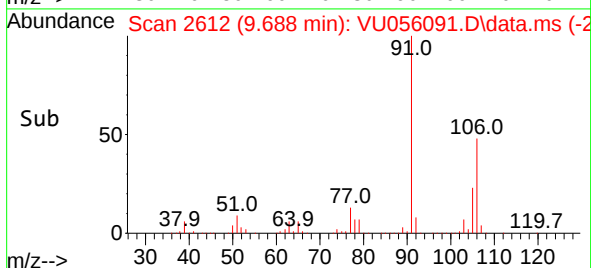
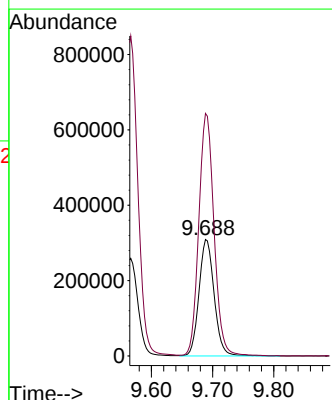
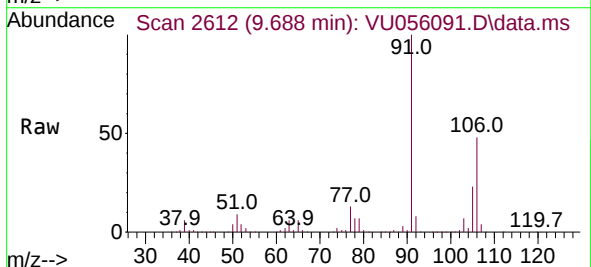
Instrument :
MSVOA_U
ClientSampleId :

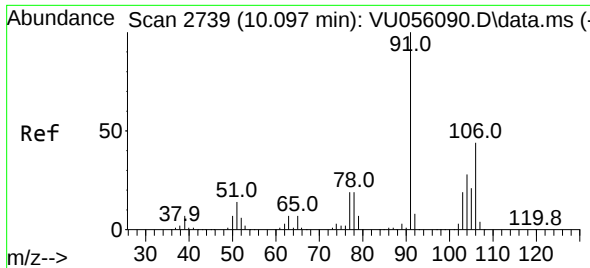
Tgt Ion: 91 Resp: 1357996
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 11.390 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Tgt Ion:106 Resp: 530695
Ion Ratio Lower Upper
106 100
91 208.3 144.9 269.1

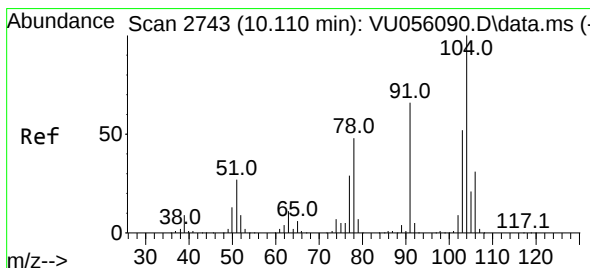
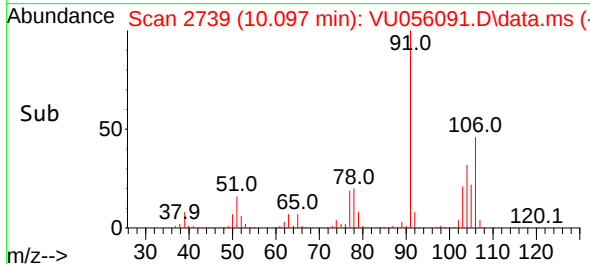
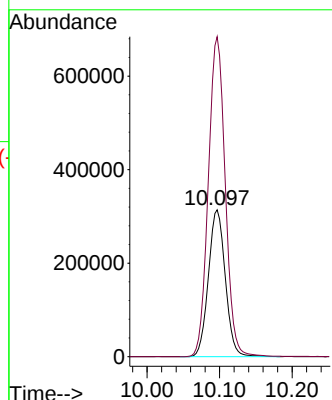
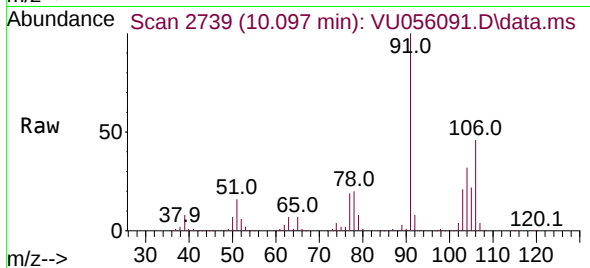




#54
o-Xylene
Concen: 11.383 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

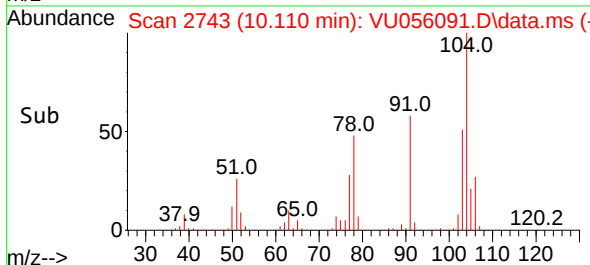
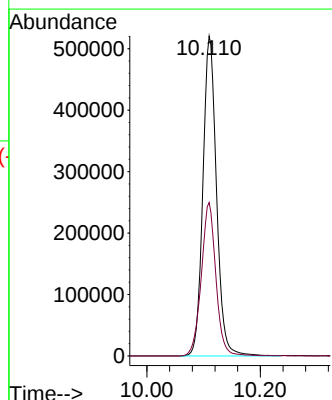
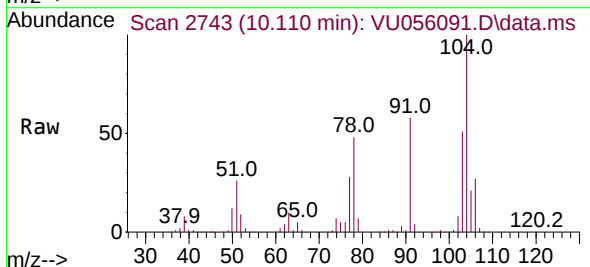
Instrument :
MSVOA_U
ClientSampleId :

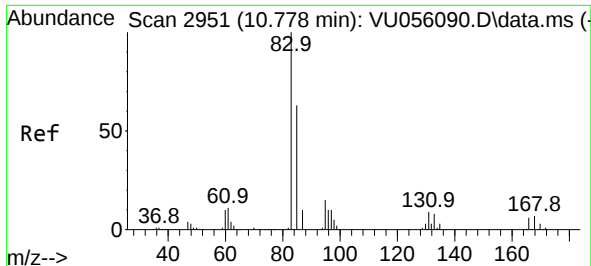
Tgt Ion:106 Resp: 508419
Ion Ratio Lower Upper
106 100
91 217.9 158.2 293.8



#55
Styrene
Concen: 11.902 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Tgt Ion:104 Resp: 869653
Ion Ratio Lower Upper
104 100
78 48.0 33.5 62.3





#57

1,1,2-Tetrachloroethane

Concen: 10.636 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

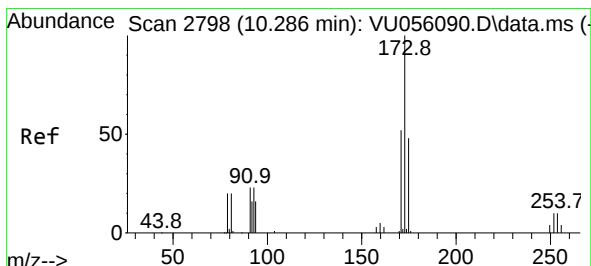
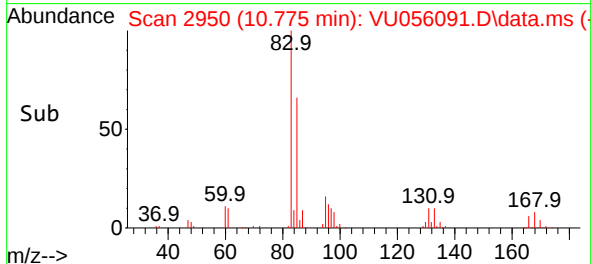
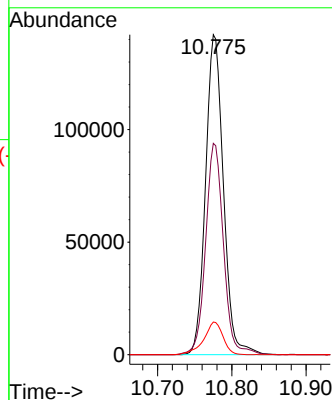
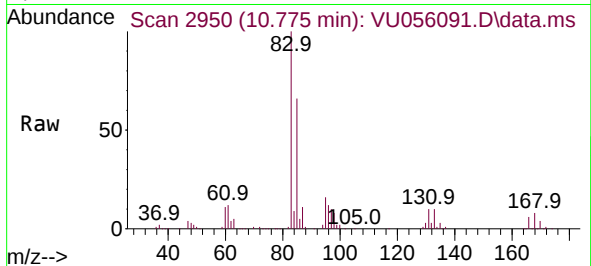
Tgt Ion: 83 Resp: 236954

Ion Ratio Lower Upper

83 100

85 66.1 44.0 81.8

131 10.2 7.4 11.2



#59

Bromoform

Concen: 10.140 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

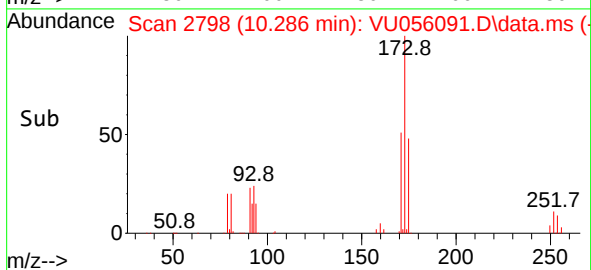
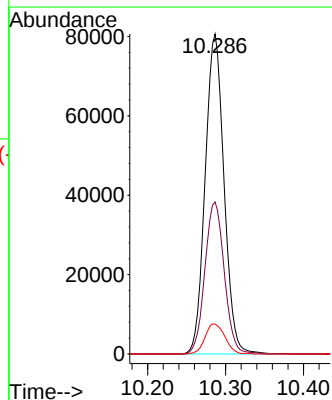
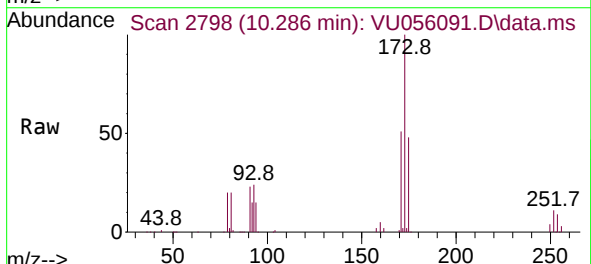
Tgt Ion:173 Resp: 135518

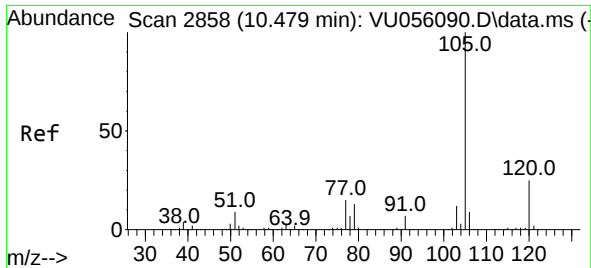
Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.4

254 9.9 8.2 12.2

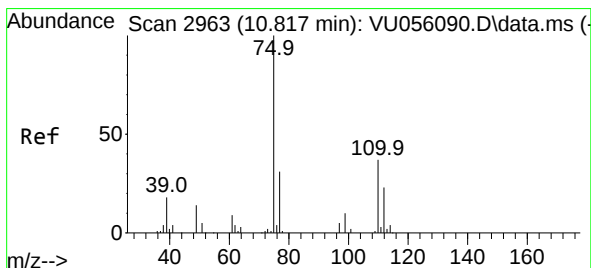
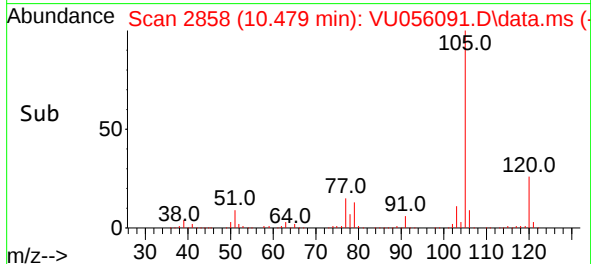
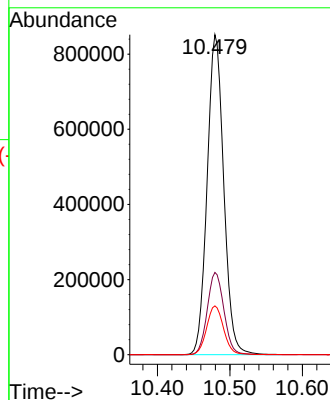
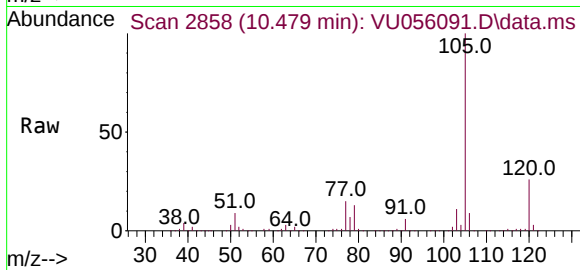




#60
Isopropylbenzene
Concen: 10.847 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

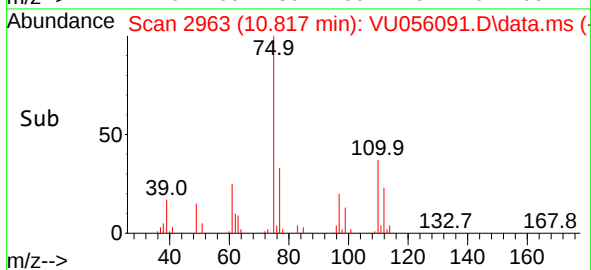
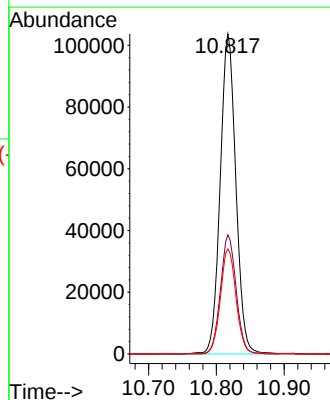
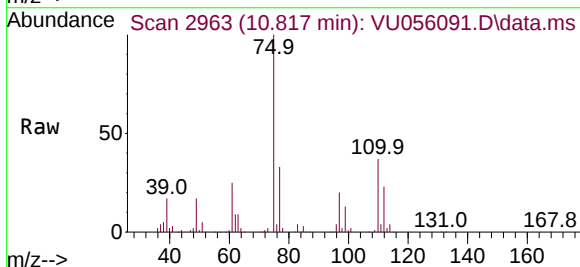
Instrument :
MSVOA_U
ClientSampleId :

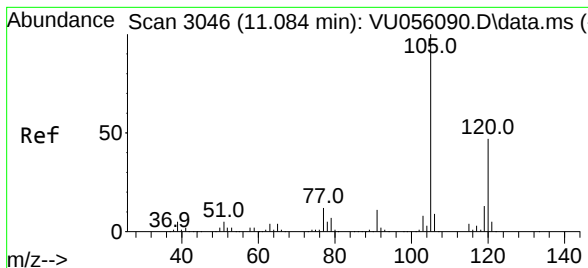
Tgt Ion:105 Resp: 1353349
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 10.025 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Tgt Ion: 75 Resp: 166522
Ion Ratio Lower Upper
75 100
110 37.0 29.7 44.5
77 32.2 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 11.257 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Instrument :

MSVOA_U

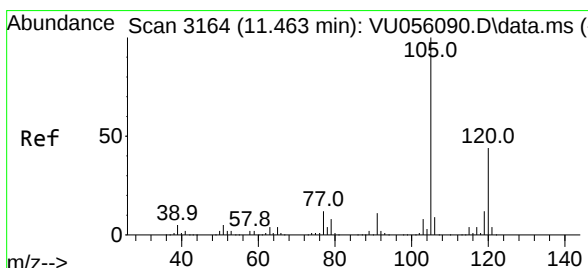
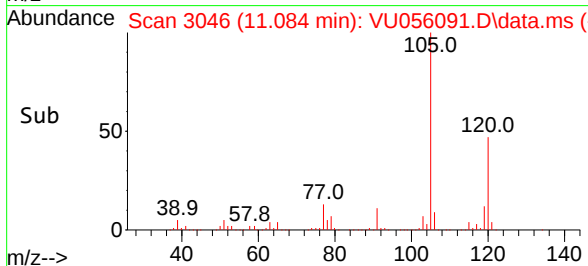
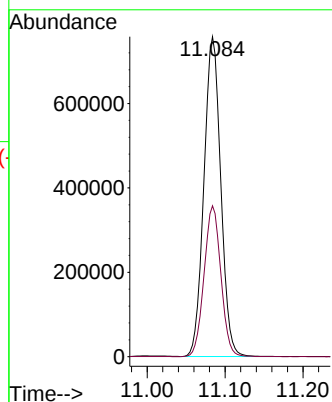
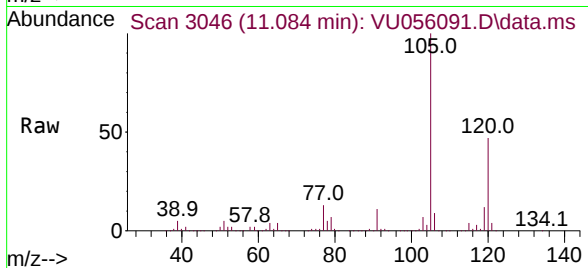
ClientSampleId :

Tgt Ion:105 Resp: 1139061

Ion Ratio Lower Upper

105 100

120 46.9 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 11.296 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU056091.D

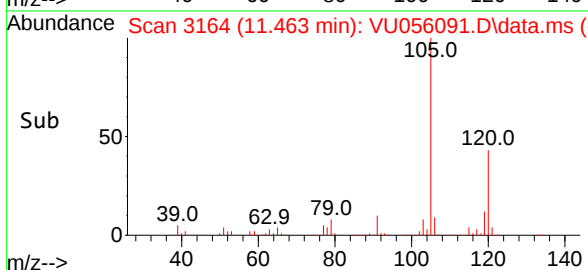
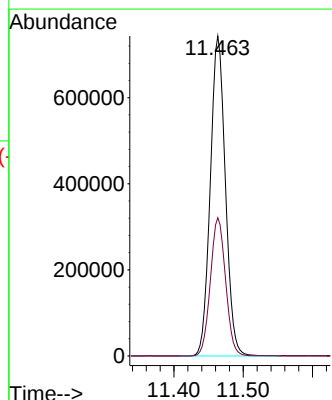
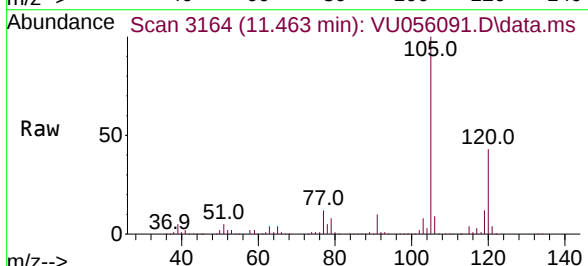
Acq: 07 Nov 2023 10:09

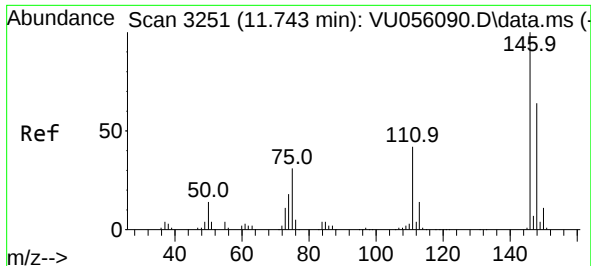
Tgt Ion:105 Resp: 1121229

Ion Ratio Lower Upper

105 100

120 43.5 35.4 53.0

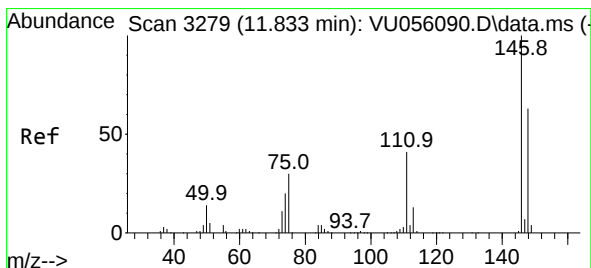
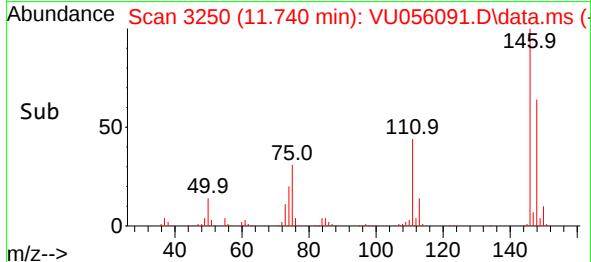
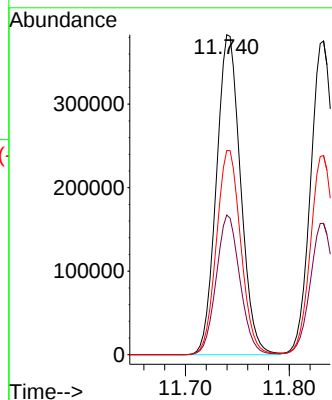
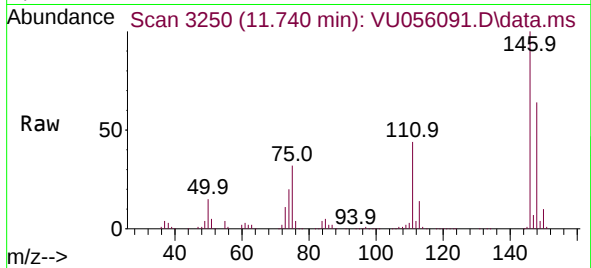




#64
1,3-Dichlorobenzene
Concen: 10.503 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

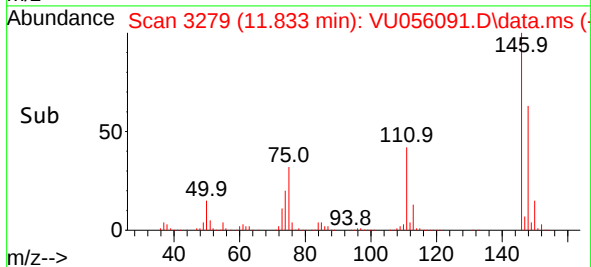
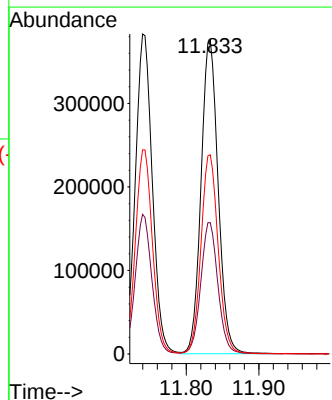
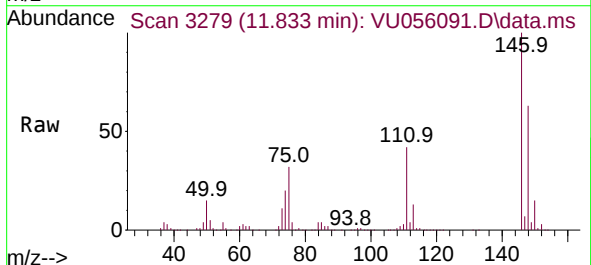
Instrument :
MSVOA_U
ClientSampleId :

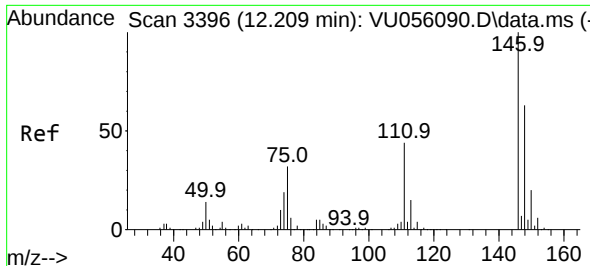
Tgt Ion:146 Resp: 620610
Ion Ratio Lower Upper
146 100
111 43.6 29.7 55.1
148 63.8 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 10.533 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Tgt Ion:146 Resp: 615431
Ion Ratio Lower Upper
146 100
111 41.9 29.0 53.8
148 63.5 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 10.472 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

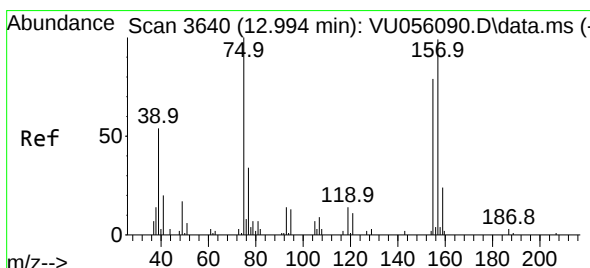
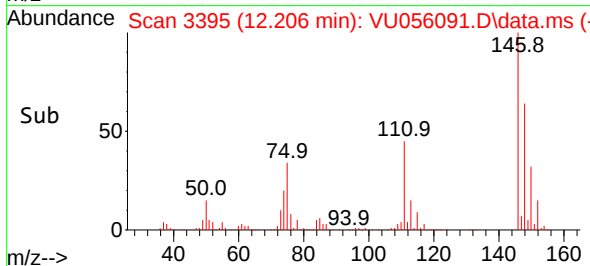
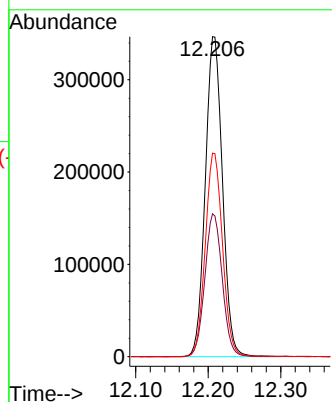
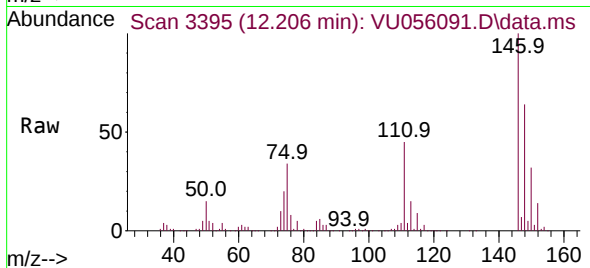
Tgt Ion:146 Resp: 570269

Ion Ratio Lower Upper

146 100

111 44.6 35.2 52.8

148 63.6 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 10.349 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

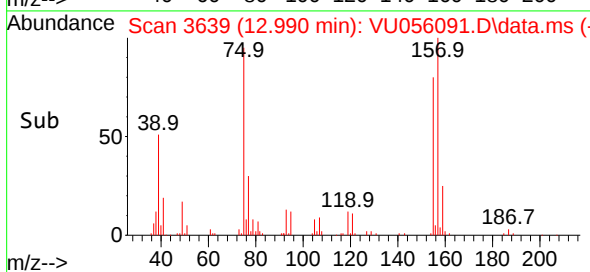
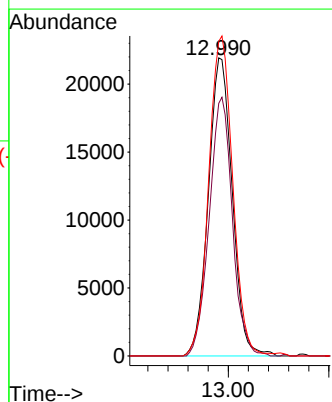
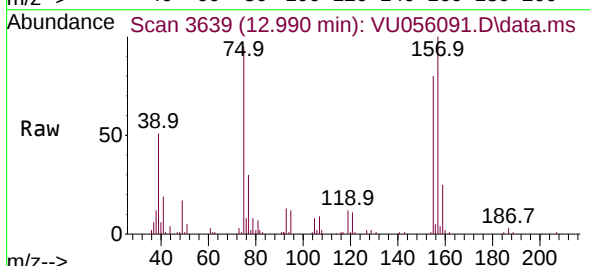
Tgt Ion: 75 Resp: 36260

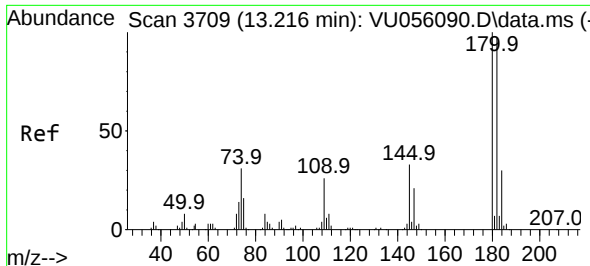
Ion Ratio Lower Upper

75 100

155 84.7 63.3 94.9

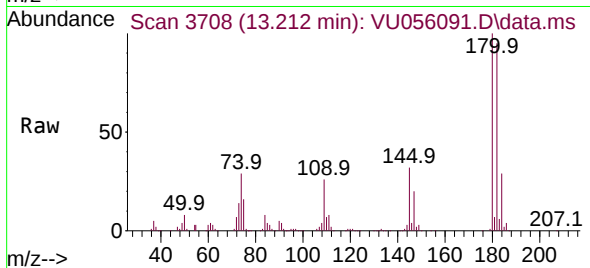
157 105.5 79.1 118.7



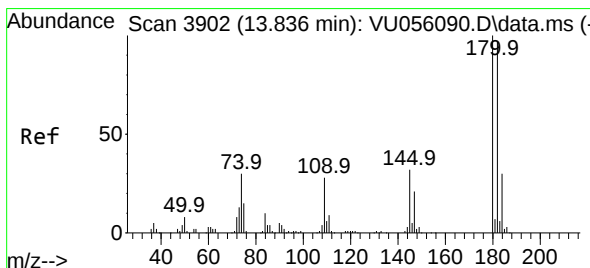
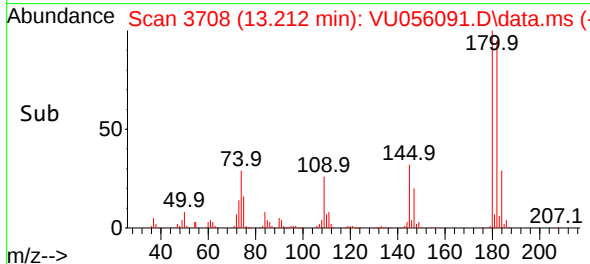
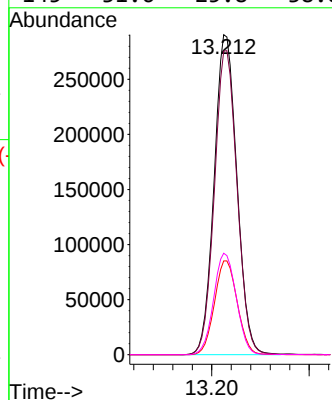


#69
1,3,5-Trichlorobenzene
Concen: 10.623 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Instrument :
MSVOA_U
ClientSampleId :

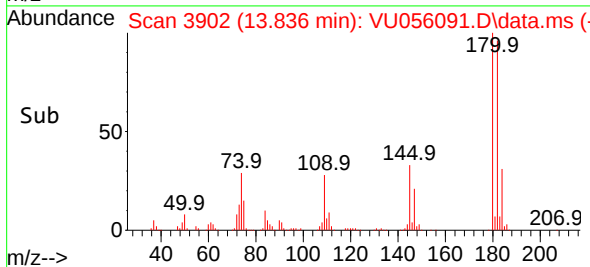
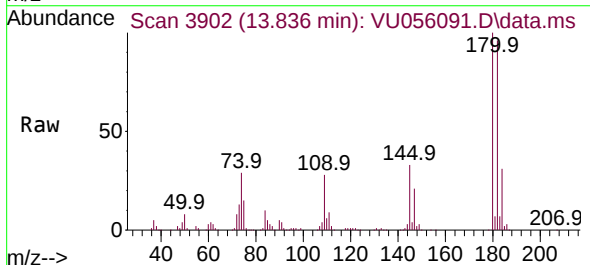
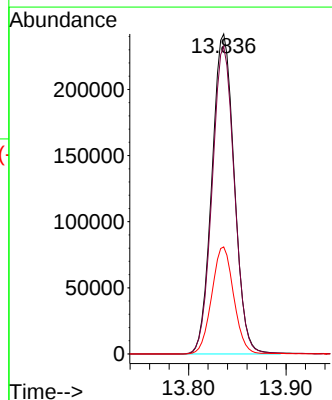


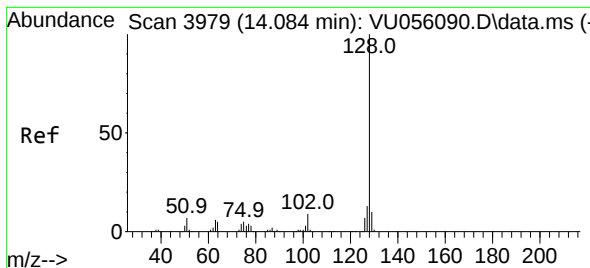
Tgt Ion:180 Resp: 470133
Ion Ratio Lower Upper
180 100
182 94.8 76.0 114.0
184 29.5 24.0 36.0
145 31.6 25.8 38.8



#70
1,2,4-trichlorobenzene
Concen: 10.979 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU056091.D
Acq: 07 Nov 2023 10:09

Tgt Ion:180 Resp: 385488
Ion Ratio Lower Upper
180 100
182 95.7 77.4 116.2
145 32.8 25.9 38.9





#71

Naphthalene

Concen: 11.762 ug/L

RT: 14.080 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

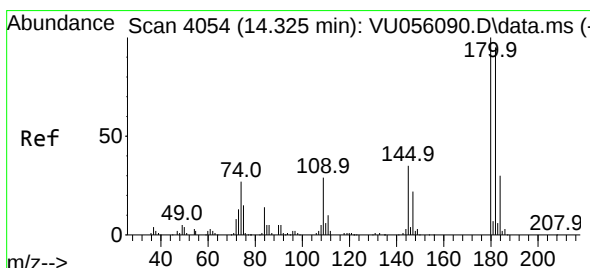
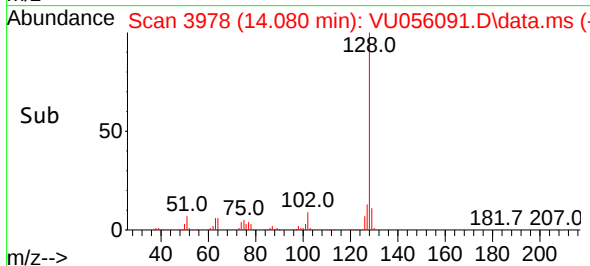
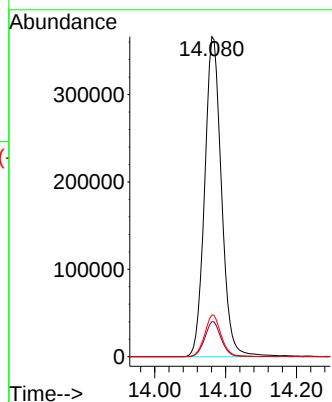
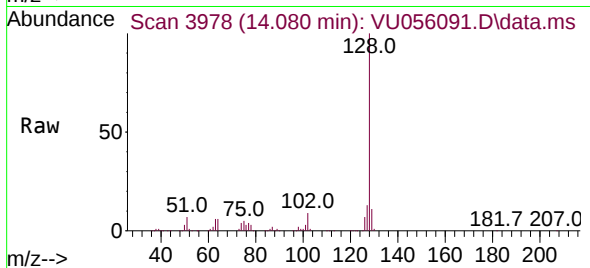
Tgt Ion:128 Resp: 601761

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

127 12.8 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 11.077 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU056091.D

Acq: 07 Nov 2023 10:09

Tgt Ion:180 Resp: 341004

Ion Ratio Lower Upper

180 100

182 94.3 76.6 115.0

145 33.4 28.0 42.0

