

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100423\
 Data File : VU055656.D
 Acq On : 04 Oct 2023 10:56
 Operator : MD/SY
 Sample : 04696-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 23:01:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 23:00:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177373	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	187169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	97466	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	83468	4.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.911	69	67336	4.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.567	65	32710	4.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.624	46	119583	36.931	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.860%
24) Chloroform-d	5.062	84	139478	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.698	65	65809	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.724	84	282023	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.689	67	88061	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.898	98	243364	4.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.181	79	27960	4.073	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.634	63	65697	31.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58728	4.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	79393	4.036	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	3946	0.229	ug/L	92
3) Chloromethane	1.518	50	4500	0.296	ug/L	97
6) Bromomethane	1.856	94	3130	0.301	ug/L	96
8) Chloroethane	1.930	64	3319	0.310	ug/L	95
9) Trichlorofluoromethane	2.139	101	6379	0.281	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	4410	0.319	ug/L	93
12) 1,1-Dichloroethene	2.576	96	4131	0.333	ug/L #	1
14) Carbon disulfide	2.795	76	9991	0.268	ug/L	97
15) Methyl Acetate	2.949	43	752	0.179	ug/L #	83
16) Methylene chloride	3.043	84	8187	0.551	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	7055	0.262	ug/L #	93
18) trans-1,2-Dichloroethene	3.354	96	3453	0.276	ug/L	86
19) 1,1-Dichloroethane	3.872	63	7098	0.307	ug/L	96
21) 2-Butanone	4.718	43	8087	2.987	ug/L	87
22) cis-1,2-Dichloroethene	4.673	96	4073	0.281	ug/L	89
23) Bromochloromethane	4.972	128	1518	0.248	ug/L	86
27) 1,2-Dichloroethane	5.798	62	3935	0.262	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	5710	0.268	ug/L #	86
30) Cyclohexane	5.386	56	4629	0.237	ug/L	92

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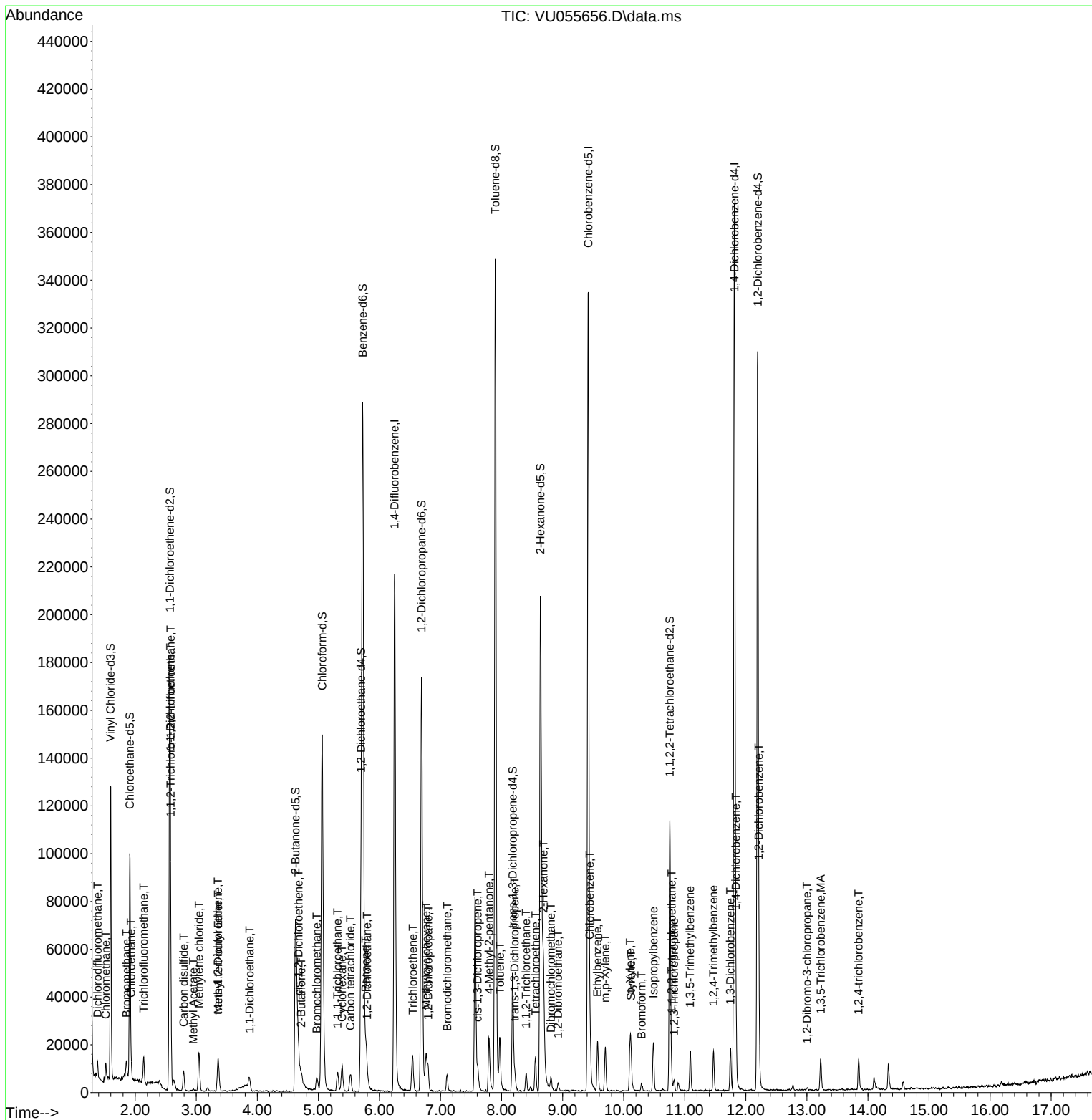
Instrument :
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 ClientSampleId :

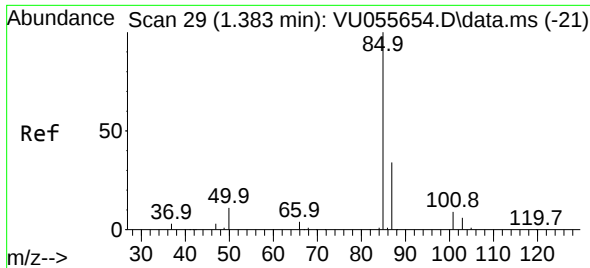
Quant Time: Oct 04 23:01:10 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.521	117	2804	0.153	ug/L #	21
33) Benzene	5.772	78	14540	0.270	ug/L	100
34) Trichloroethene	6.547	95	4464	0.293	ug/L	96
35) Methylcyclohexane	6.766	83	5603	0.255	ug/L	91
37) 1,2-Dichloropropane	6.795	63	4437	0.315	ug/L #	95
38) Bromodichloromethane	7.110	83	4887	0.296	ug/L #	97
39) cis-1,3-Dichloropropene	7.608	75	5487	0.292	ug/L	88
40) 4-Methyl-2-pentanone	7.795	43	16169	2.530	ug/L #	83
42) Toluene	7.972	91	14978	0.261	ug/L	98
44) trans-1,3-Dichloropropene	8.210	75	5137	0.341	ug/L	94
45) 1,1,2-Trichloroethane	8.402	97	2482	0.251	ug/L #	76
47) Tetrachloroethene	8.557	164	2970	0.272	ug/L	91
48) 2-Hexanone	8.685	43	29030	5.861	ug/L #	90
49) Dibromochloromethane	8.804	129	2904	0.280	ug/L	98
50) 1,2-Dibromoethane	8.923	107	2398	0.262	ug/L #	89
51) Chlorobenzene	9.444	112	10146	0.276	ug/L	96
52) Ethylbenzene	9.570	91	14693	0.239	ug/L	95
53) m,p-Xylene	9.698	106	5662	0.245	ug/L	100
54) o-Xylene	10.103	106	5553	0.247	ug/L	77
55) Styrene	10.119	104	8202	0.226	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	3087	0.277	ug/L #	90
59) Bromoform	10.290	173	1350	0.258	ug/L #	78
60) Isopropylbenzene	10.486	105	13060	0.232	ug/L	98
61) 1,2,3-Trichloropropane	10.824	75	2046	0.269	ug/L #	89
62) 1,3,5-Trimethylbenzene	11.087	105	9662	0.215	ug/L	95
63) 1,2,4-Trimethylbenzene	11.470	105	9106	0.207	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	7224	0.269	ug/L	89
65) 1,4-Dichlorobenzene	11.836	146	8843	0.329	ug/L	96
67) 1,2-Dichlorobenzene	12.213	146	7195	0.292	ug/L	91
68) 1,2-Dibromo-3-chloropr...	13.000	75	300	0.227	ug/L #	62
69) 1,3,5-Trichlorobenzene	13.225	180	4988	0.269	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	4714	0.334	ug/L	90

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

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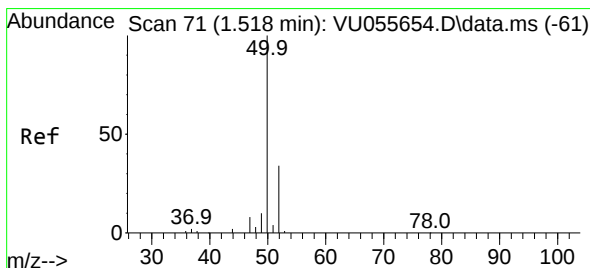
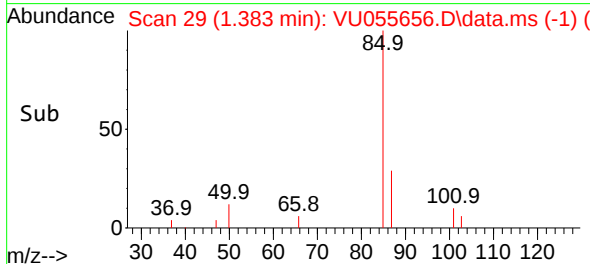
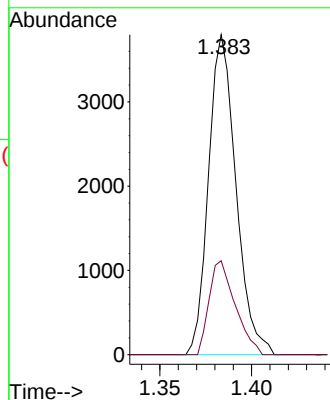
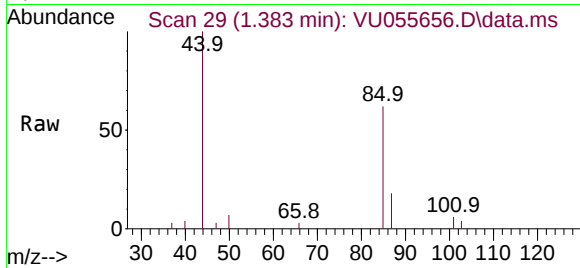




#2
 Dichlorodifluoromethane
 Concen: 0.229 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055656.D
 Acq: 04 Oct 2023 10:56

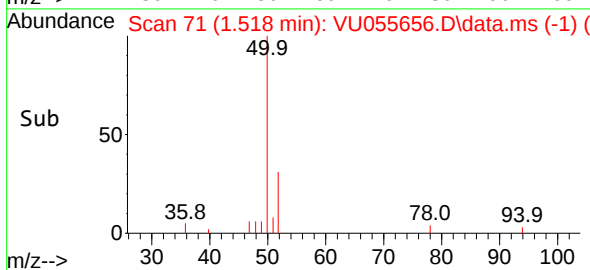
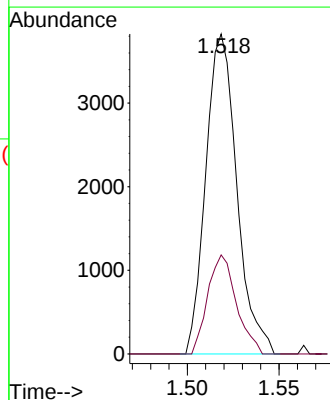
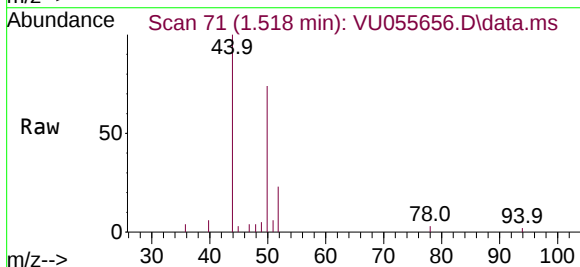
Instrument :
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 ClientSampleId :

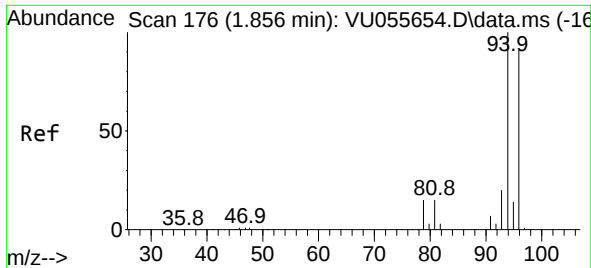
Tgt Ion: 85 Resp: 3946
 Ion Ratio Lower Upper
 85 100
 87 28.0 26.0 39.0



#3
 Chloromethane
 Concen: 0.296 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055656.D
 Acq: 04 Oct 2023 10:56

Tgt Ion: 50 Resp: 4500
 Ion Ratio Lower Upper
 50 100
 52 30.9 22.9 42.5

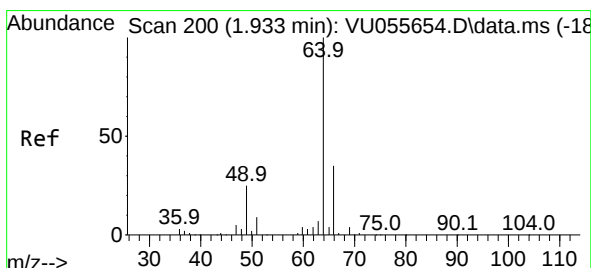
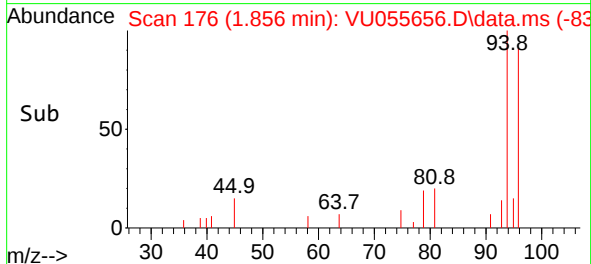
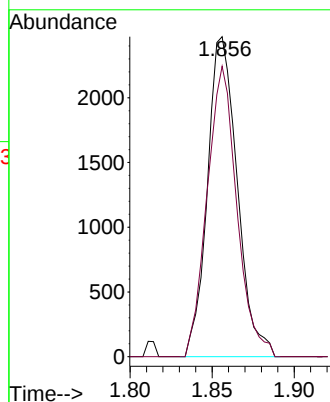
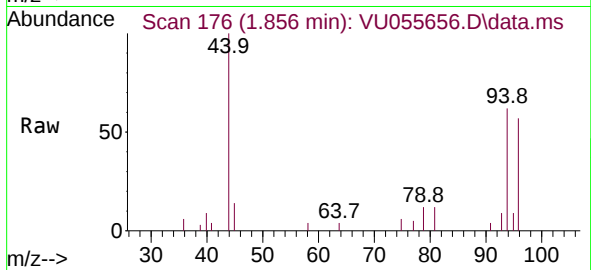




#6
Bromomethane
Concen: 0.301 ug/L
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

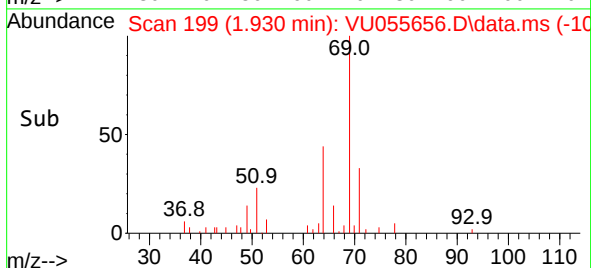
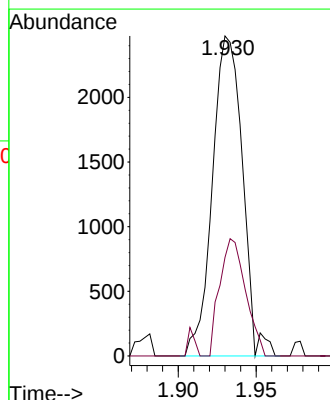
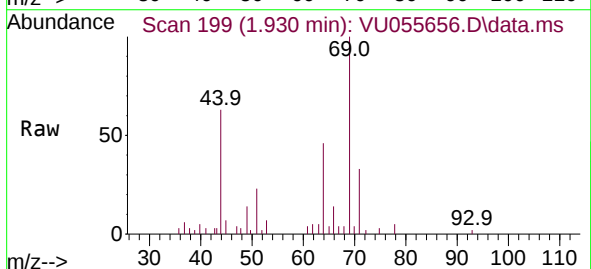
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ClientSampleId :

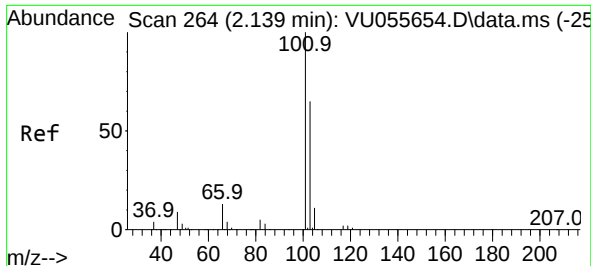
Tgt Ion: 94 Resp: 3130
Ion Ratio Lower Upper
94 100
96 90.7 66.4 123.2



#8
Chloroethane
Concen: 0.310 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion: 64 Resp: 3319
Ion Ratio Lower Upper
64 100
66 30.8 23.7 44.1

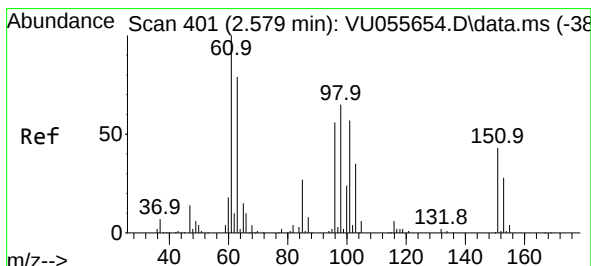
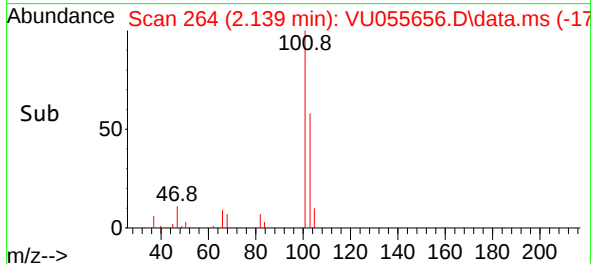
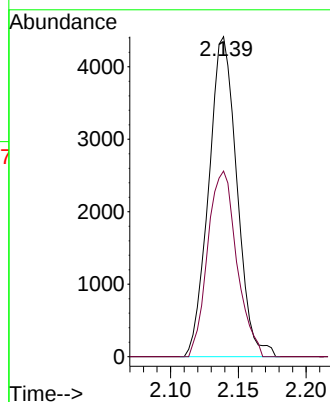
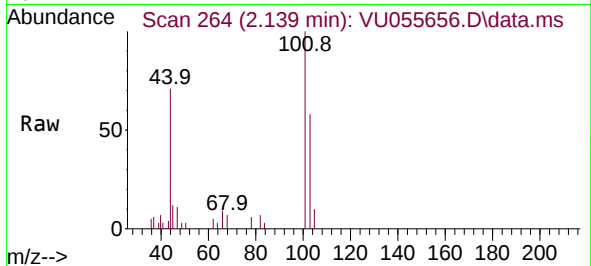




#9
Trichlorofluoromethane
Concen: 0.281 ug/L
RT: 2.139 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

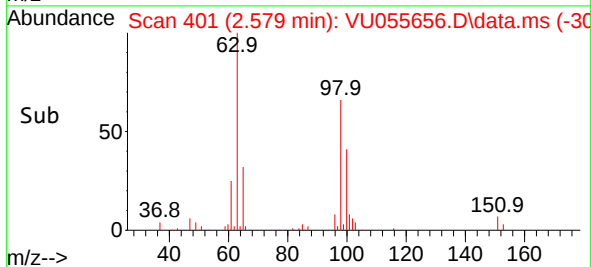
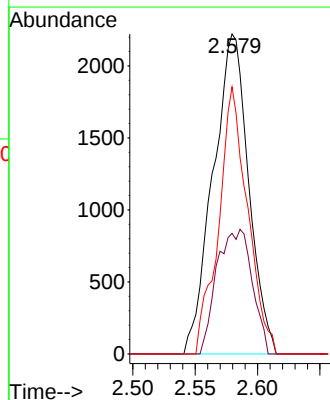
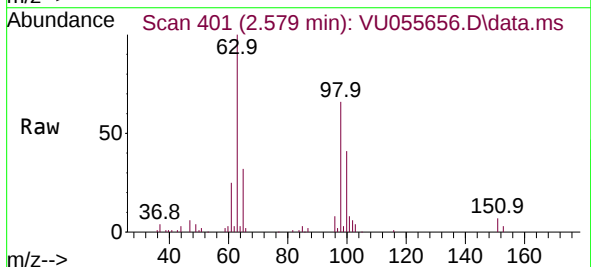
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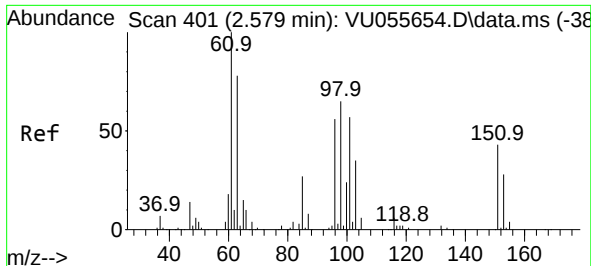
Tgt Ion:101 Resp: 6379
Ion Ratio Lower Upper
101 100
103 59.9 52.0 78.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.319 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion:101 Resp: 4410
Ion Ratio Lower Upper
101 100
85 38.6 35.8 53.6
151 68.1 58.2 87.4





#12

1,1-Dichloroethene

Concen: 0.333 ug/L

RT: 2.576 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :

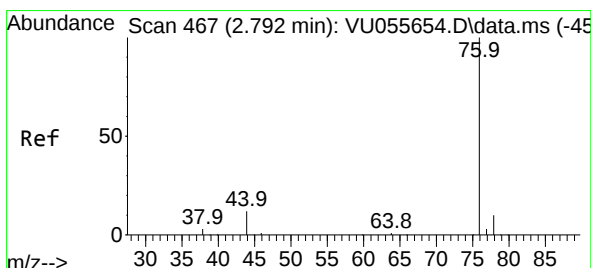
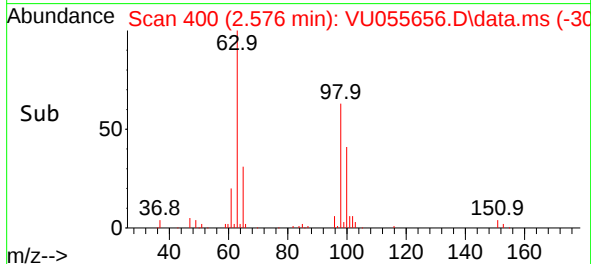
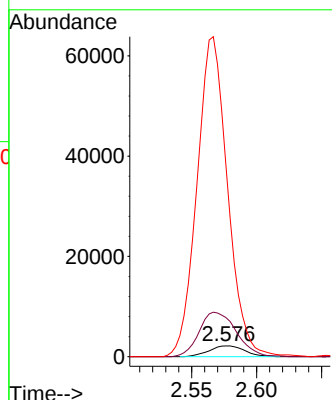
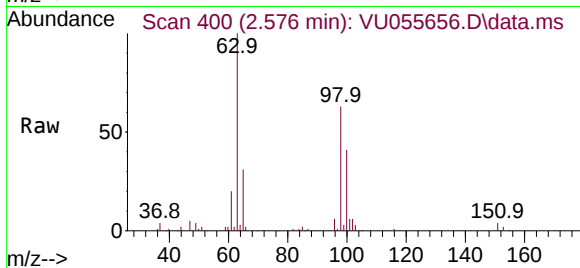
Tgt Ion: 96 Resp: 4131

Ion Ratio Lower Upper

96 100

61 364.6 114.5 212.7#

63 1791.0 98.3 182.5#



#14

Carbon disulfide

Concen: 0.268 ug/L

RT: 2.795 min Scan# 468

Delta R.T. 0.003 min

Lab File: VU055656.D

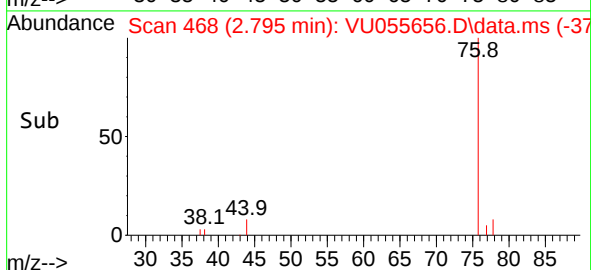
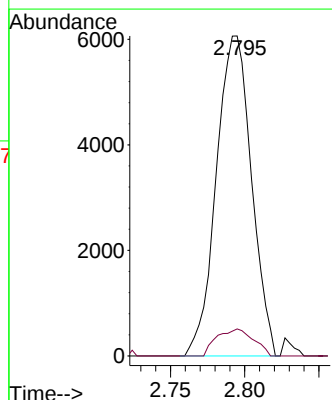
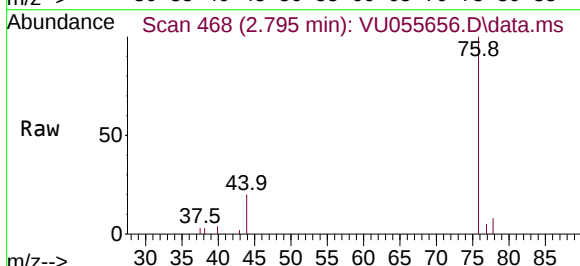
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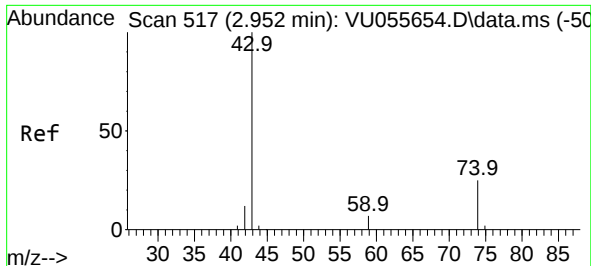
Tgt Ion: 76 Resp: 9991

Ion Ratio Lower Upper

76 100

78 8.4 7.7 11.5





#15

Methyl Acetate

Concen: 0.179 ug/L

RT: 2.949 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU055656.D

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Instrument :

MSVOA_U

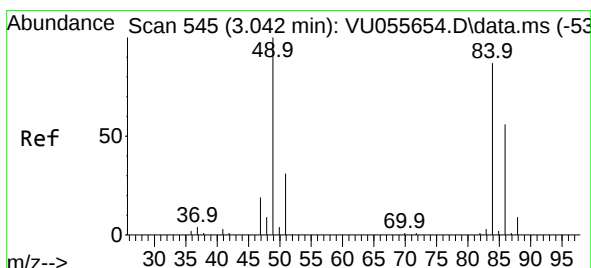
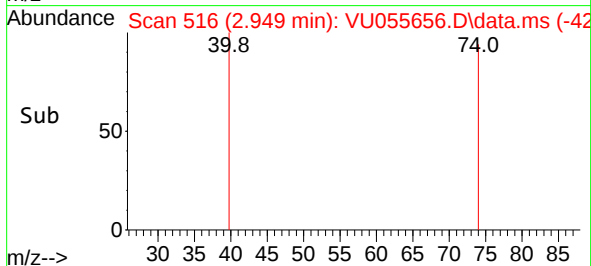
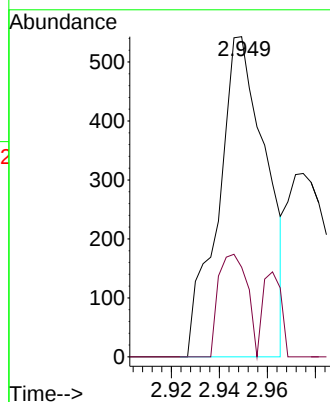
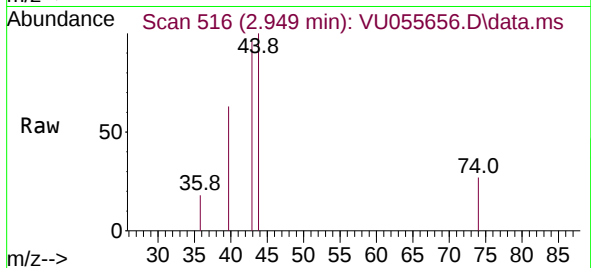
ClientSampleId :

Tgt Ion: 43 Resp: 752

Ion Ratio Lower Upper

43 100

74 19.1 22.3 33.5#



#16

Methylene chloride

Concen: 0.551 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.000 min

Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

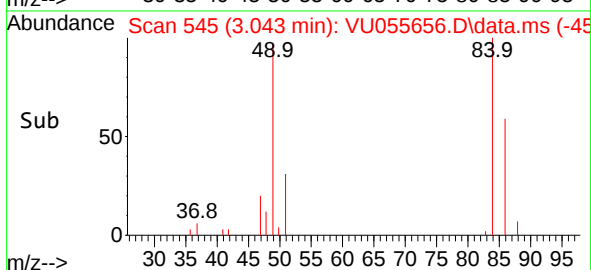
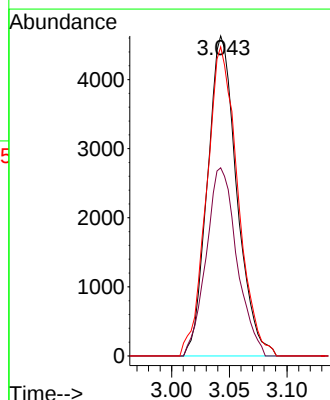
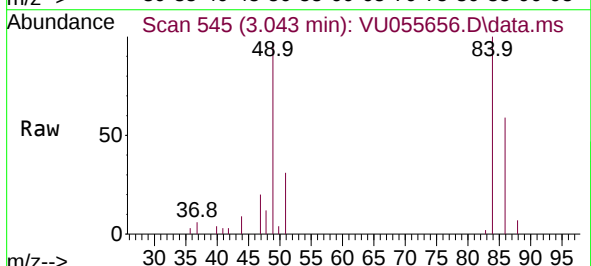
Tgt Ion: 84 Resp: 8187

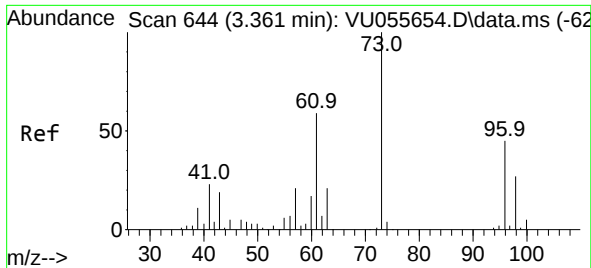
Ion Ratio Lower Upper

84 100

86 58.8 44.9 83.3

49 101.1 78.8 146.3

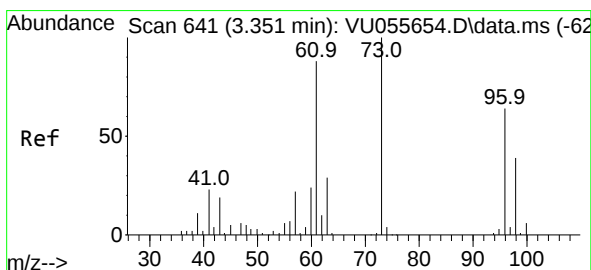
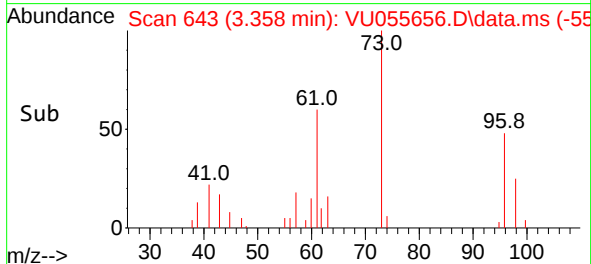
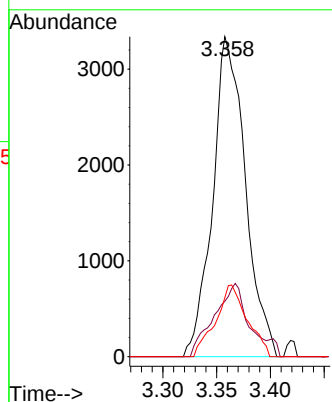
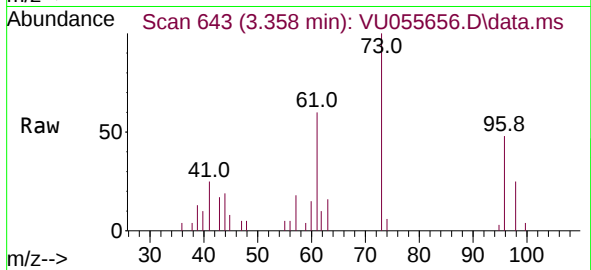




#17
Methyl tert-butyl Ether
Concen: 0.262 ug/L
RT: 3.358 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

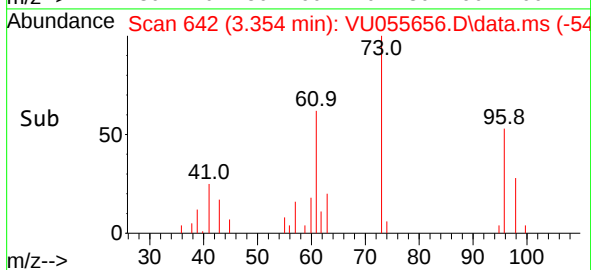
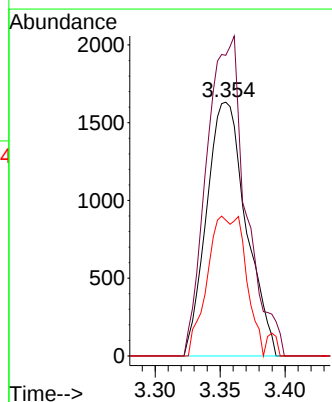
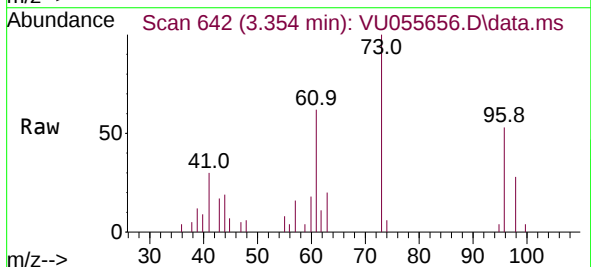
Instrument :
MSVOA_U
ClientSampleId :

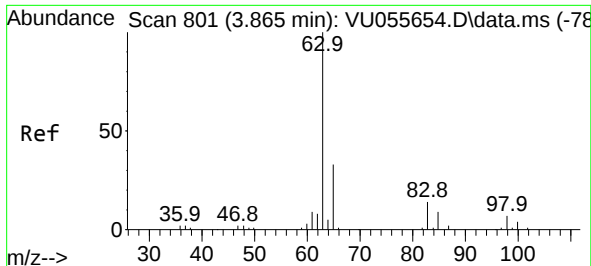
Tgt Ion: 73 Resp: 7055
Ion Ratio Lower Upper
73 100
43 25.0 14.9 22.3#
57 21.6 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 0.276 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion: 96 Resp: 3453
Ion Ratio Lower Upper
96 100
61 118.4 94.6 175.6
98 53.6 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.307 ug/L

RT: 3.872 min Scan# 801

Delta R.T. 0.007 min

Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :

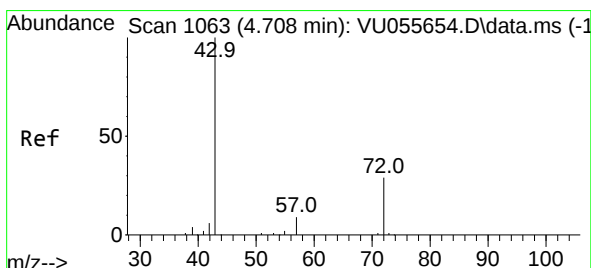
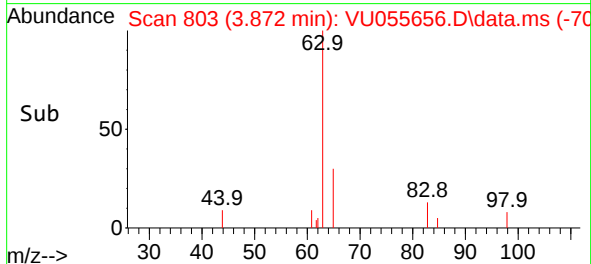
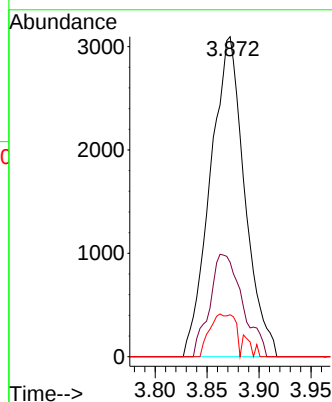
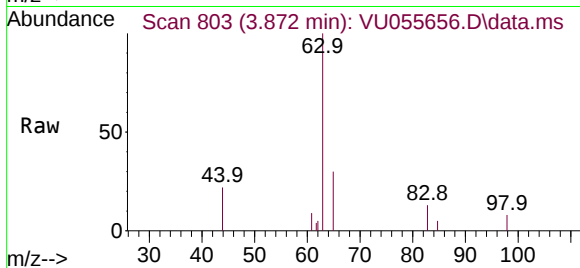
Tgt Ion: 63 Resp: 7098

Ion Ratio Lower Upper

63 100

65 29.5 22.0 41.0

83 13.1 10.1 18.9



#21

2-Butanone

Concen: 2.987 ug/L

RT: 4.718 min Scan# 1066

Delta R.T. 0.010 min

Lab File: VU055656.D

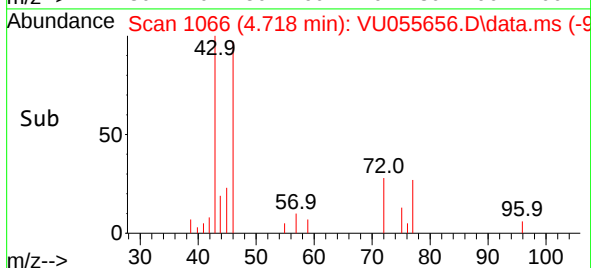
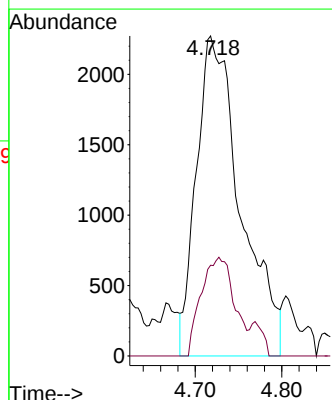
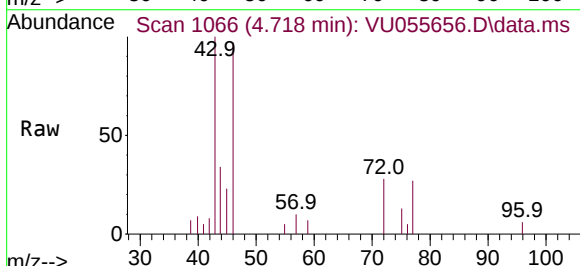
Acq: 04 Oct 2023 10:56

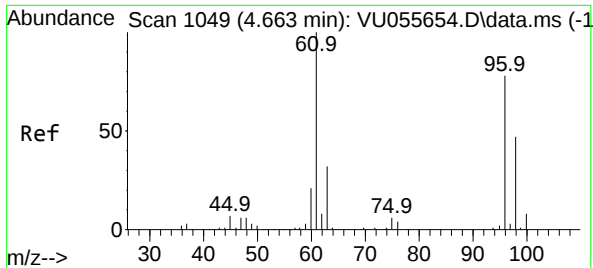
Tgt Ion: 43 Resp: 8087

Ion Ratio Lower Upper

43 100

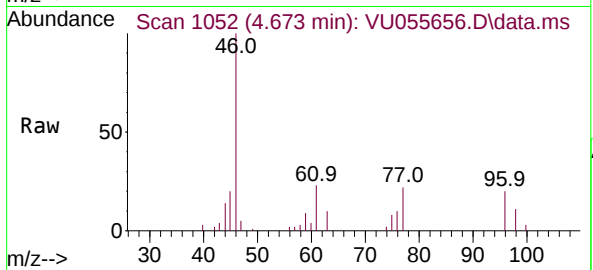
72 23.0 15.1 45.3



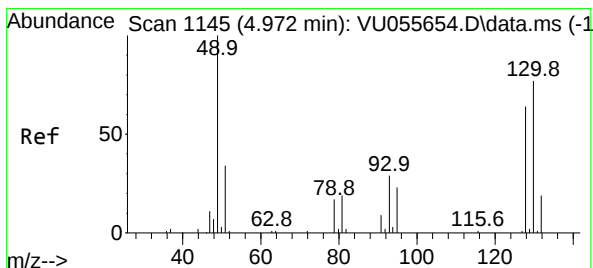
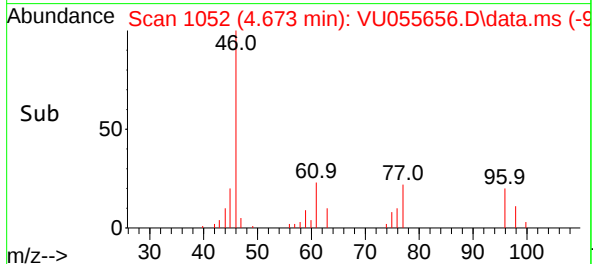
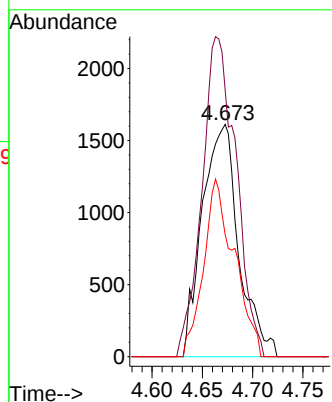


#22
 cis-1,2-Dichloroethene
 Concen: 0.281 ug/L
 RT: 4.673 min Scan# 1052
 Delta R.T. 0.010 min
 Lab File: VU055656.D
 Acq: 04 Oct 2023 10:56

Instrument :
 MSVOA_U
 ClientSampleId :

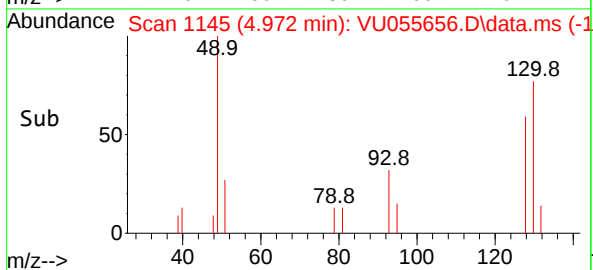
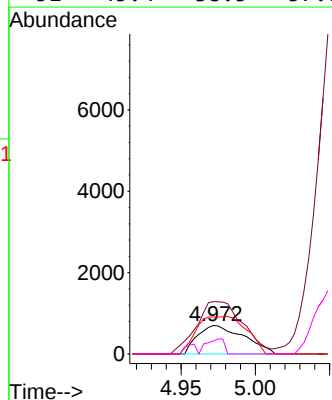
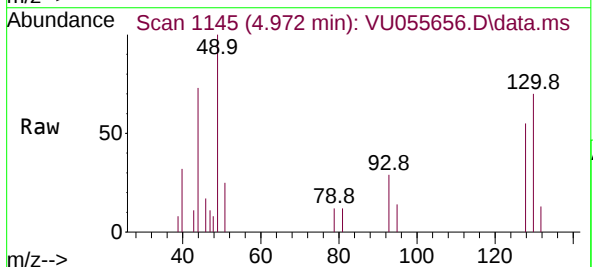


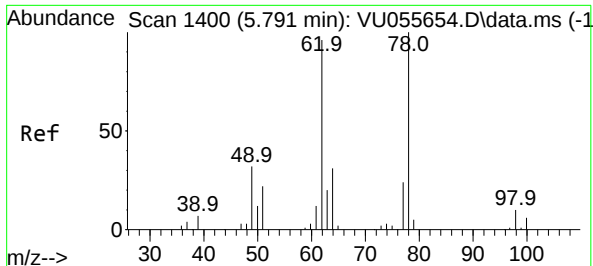
Tgt Ion:	96	Resp:	4073
Ion	Ratio	Lower	Upper
96	100		
61	114.8	87.8	163.2
98	52.5	44.4	82.4



#23
 Bromochloromethane
 Concen: 0.248 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU055656.D
 Acq: 04 Oct 2023 10:56

Tgt Ion:	128	Resp:	1518
Ion	Ratio	Lower	Upper
128	100		
49	183.3	102.8	191.0
130	129.2	89.9	166.9
51	45.4	38.5	57.7

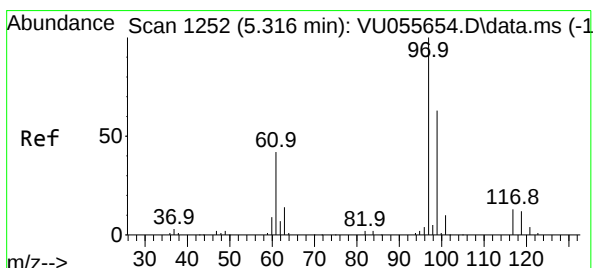
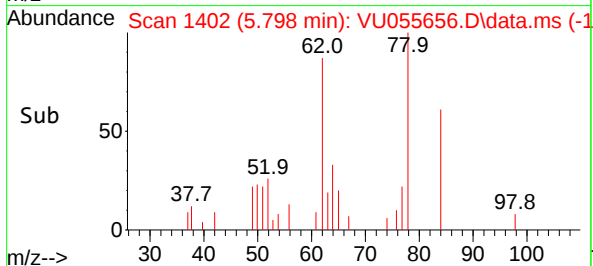
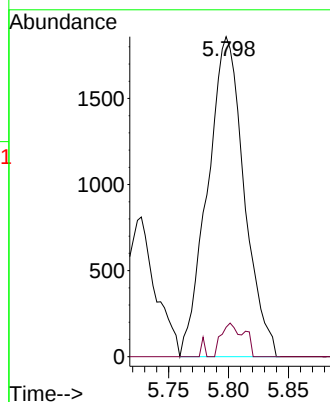
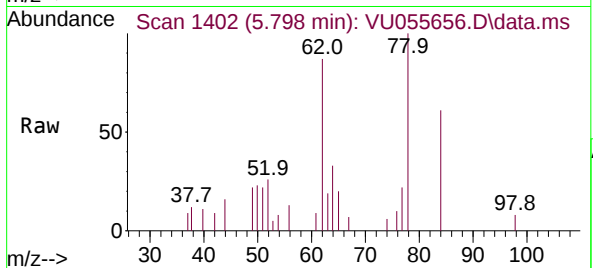




#27
1,2-Dichloroethane
Concen: 0.262 ug/L
RT: 5.798 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

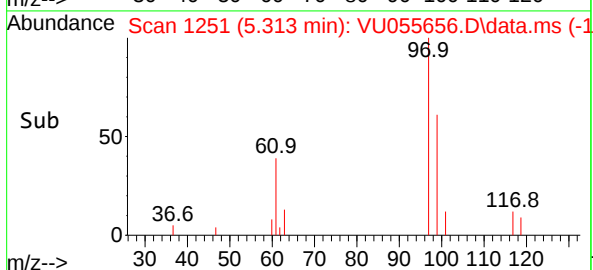
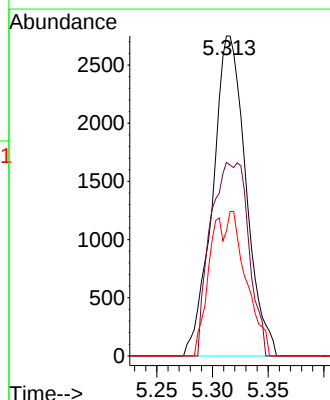
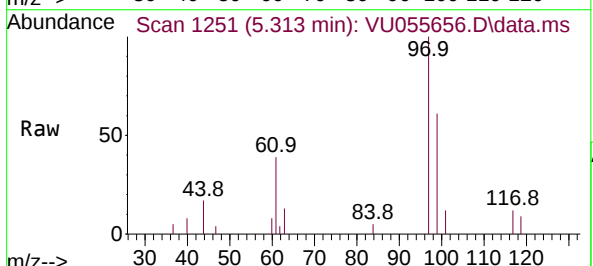
Instrument :
MSVOA_U
ClientSampleId :

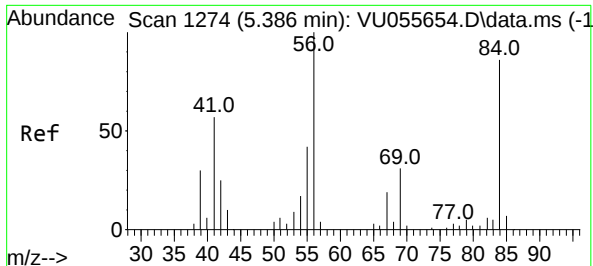
Tgt Ion: 62 Resp: 3935
Ion Ratio Lower Upper
62 100
98 9.2 7.0 10.4



#29
1,1,1-Trichloroethane
Concen: 0.268 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. -0.003 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion: 97 Resp: 5710
Ion Ratio Lower Upper
97 100
99 69.0 50.7 76.1
61 28.1 34.6 51.8#

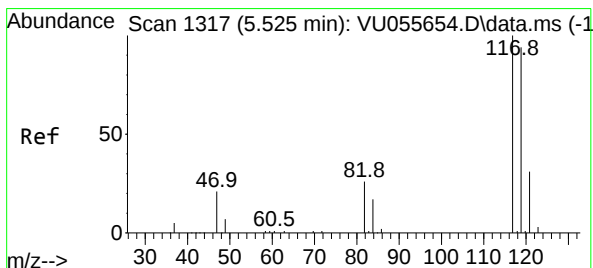
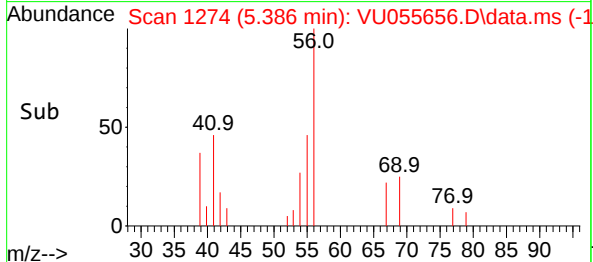
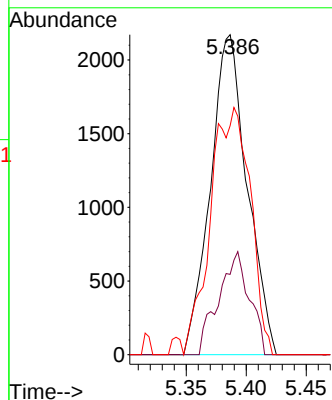
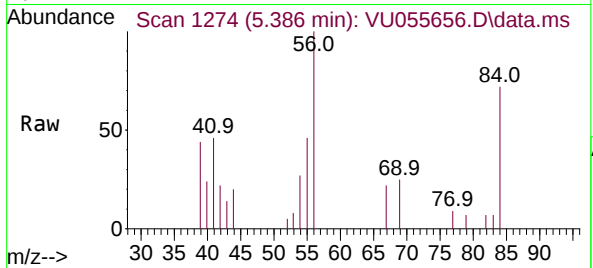




#30
Cyclohexane
Concen: 0.237 ug/L
RT: 5.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

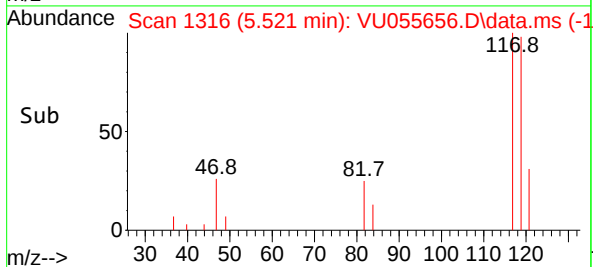
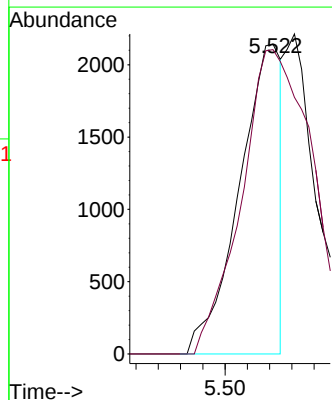
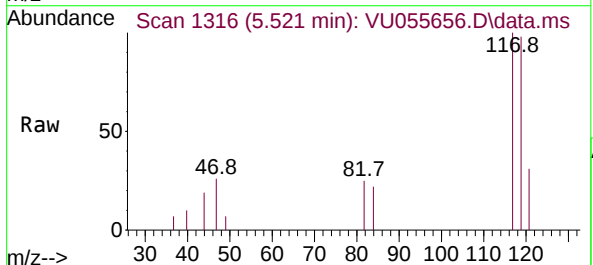
Instrument :
MSVOA_U
ClientSampleId :

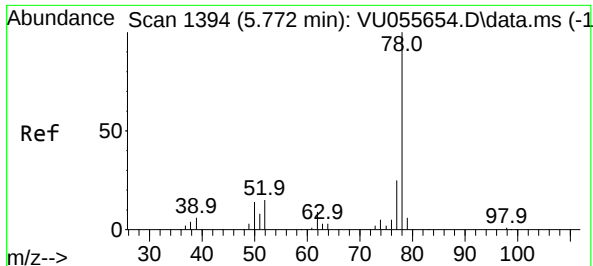
Tgt Ion: 56 Resp: 4629
Ion Ratio Lower Upper
56 100
69 27.0 26.5 39.7
84 84.0 72.6 108.8



#31
Carbon tetrachloride
Concen: 0.153 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.003 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion: 117 Resp: 2804
Ion Ratio Lower Upper
117 100
119 169.9 75.2 112.8#

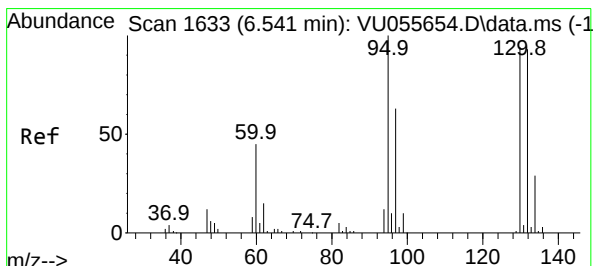
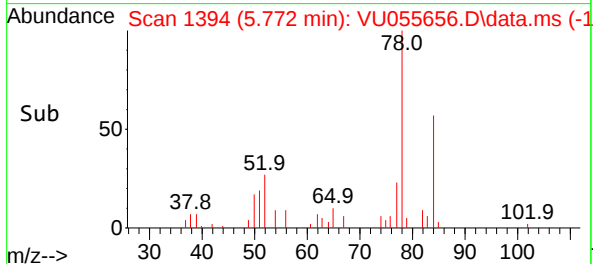
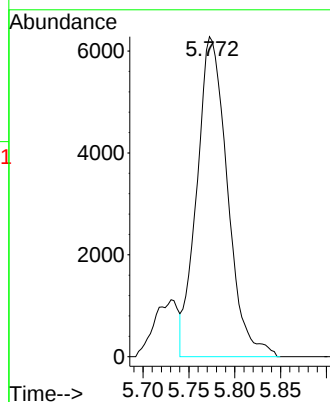
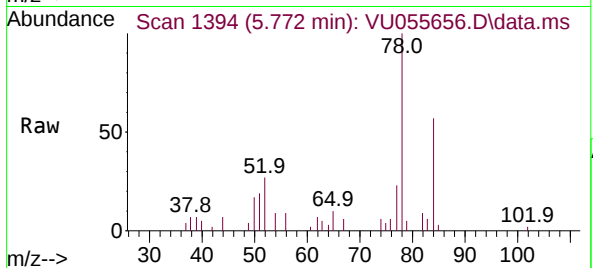




#33
Benzene
Concen: 0.270 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Instrument :
MSVOA_U
ClientSampleId :

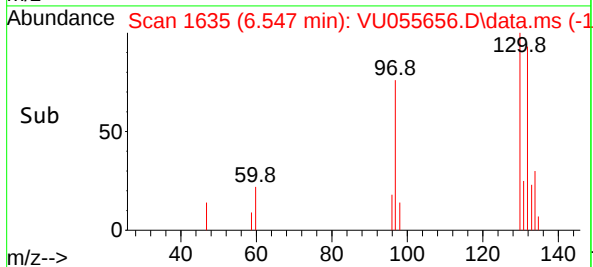
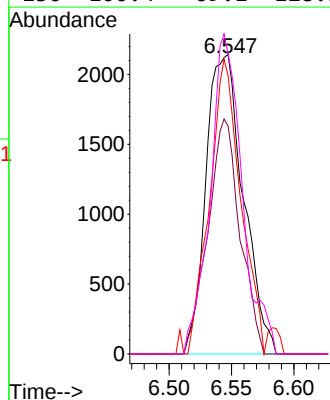
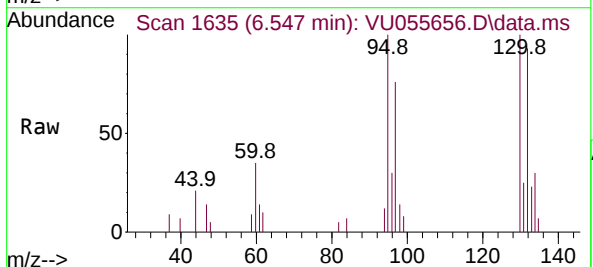
Tgt Ion: 78 Resp: 14540

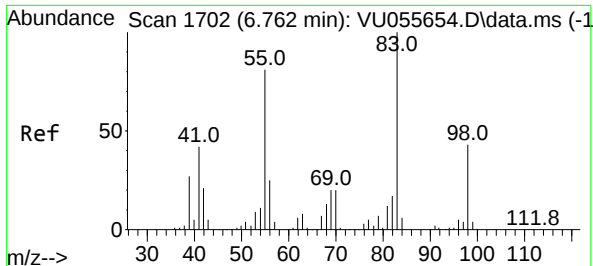


#34
Trichloroethene
Concen: 0.293 ug/L
RT: 6.547 min Scan# 1635
Delta R.T. 0.007 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion: 95 Resp: 4464

Ion	Ratio	Lower	Upper
95	100		
97	76.2	45.4	84.2
132	93.0	65.2	121.2
130	100.4	69.1	128.3





#35

Methylcyclohexane

Concen: 0.255 ug/L

RT: 6.766 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :

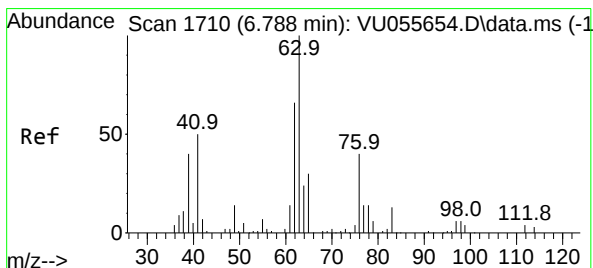
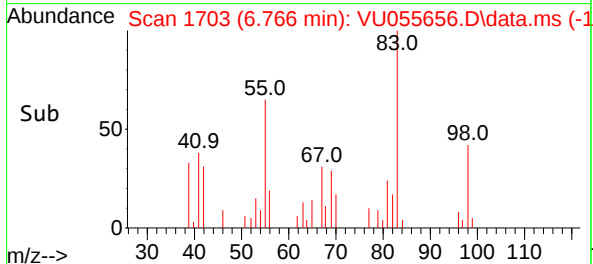
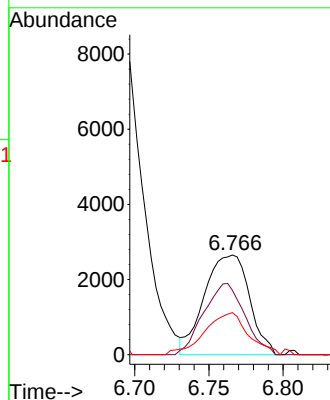
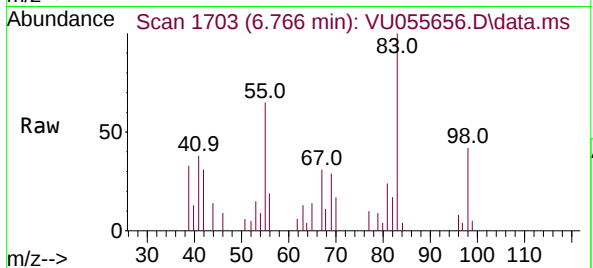
Tgt Ion: 83 Resp: 5603

Ion Ratio Lower Upper

83 100

55 64.9 59.1 88.7

98 40.6 36.3 54.5



#37

1,2-Dichloropropane

Concen: 0.315 ug/L

RT: 6.795 min Scan# 1712

Delta R.T. 0.007 min

Lab File: VU055656.D

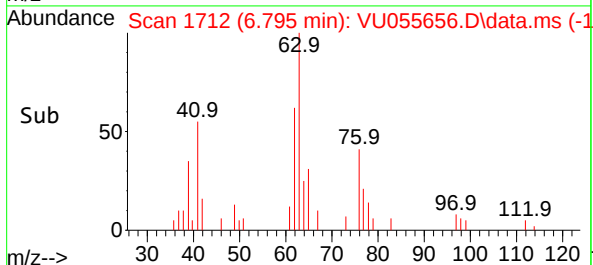
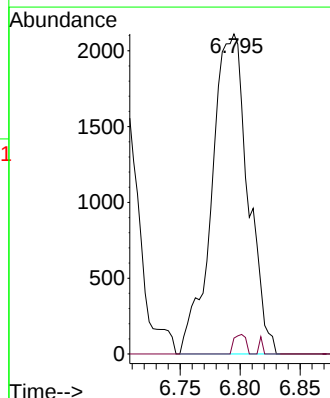
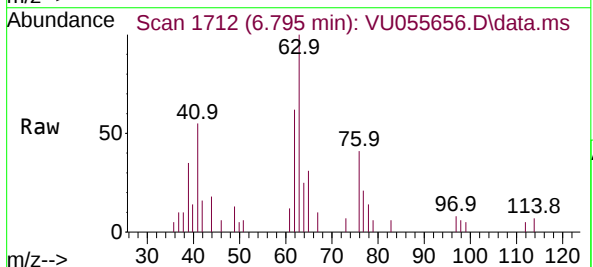
Acq: 04 Oct 2023 10:56

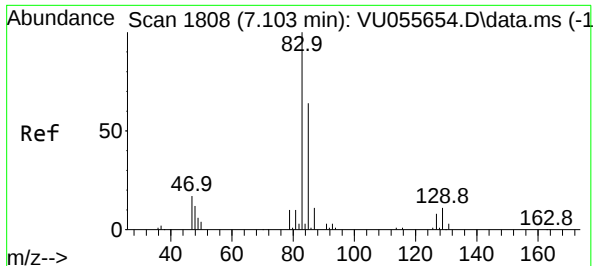
Tgt Ion: 63 Resp: 4437

Ion Ratio Lower Upper

63 100

112 2.0 3.0 4.6#

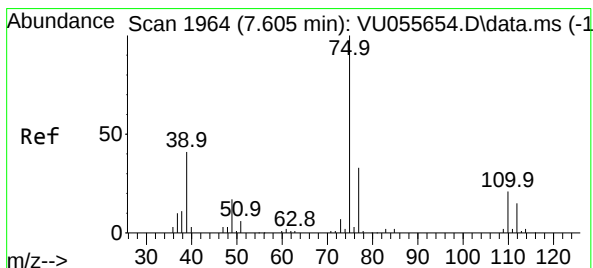
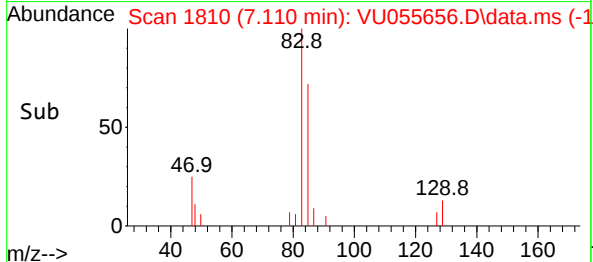
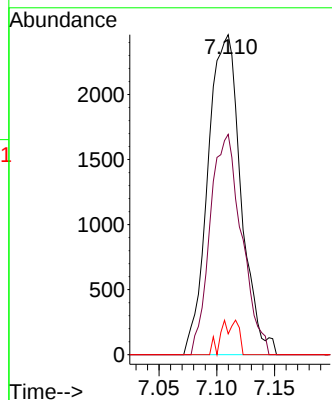
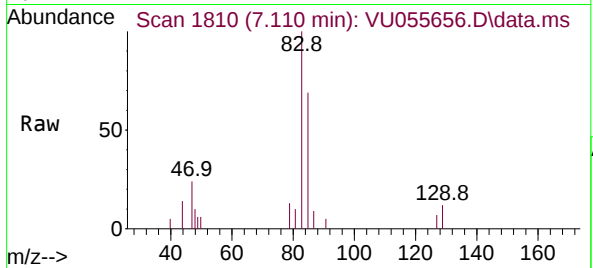




#38
Bromodichloromethane
Concen: 0.296 ug/L
RT: 7.110 min Scan# 1808
Delta R.T. 0.007 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

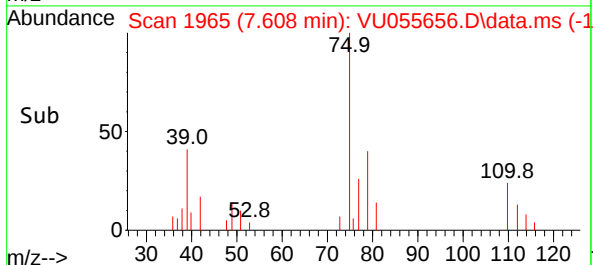
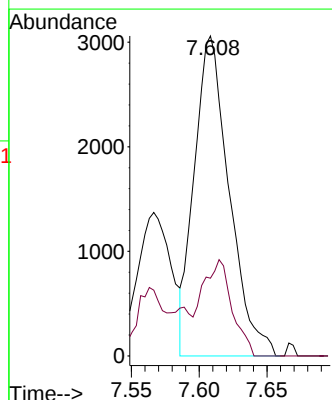
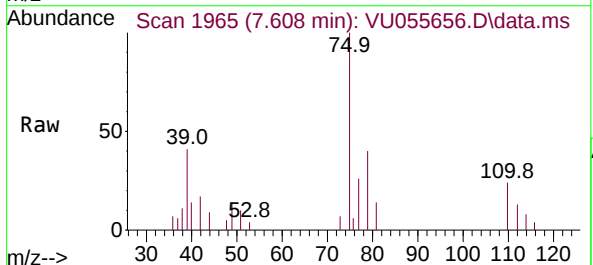
Instrument :
MSVOA_U
ClientSampleId :

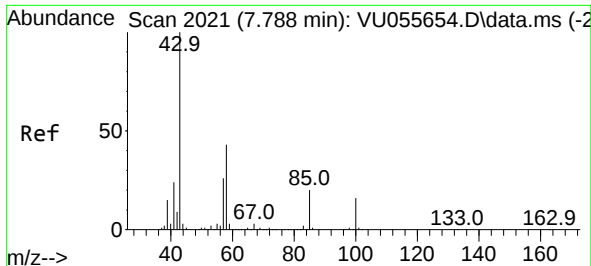
Tgt Ion: 83 Resp: 4887
Ion Ratio Lower Upper
83 100
85 68.9 46.8 86.8
127 6.5 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.292 ug/L
RT: 7.608 min Scan# 1965
Delta R.T. 0.003 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion: 75 Resp: 5487
Ion Ratio Lower Upper
75 100
77 24.3 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 2.530 ug/L

RT: 7.795 min Scan# 2021

Delta R.T. 0.007 min

Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :

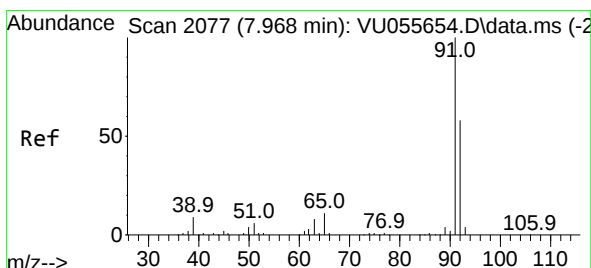
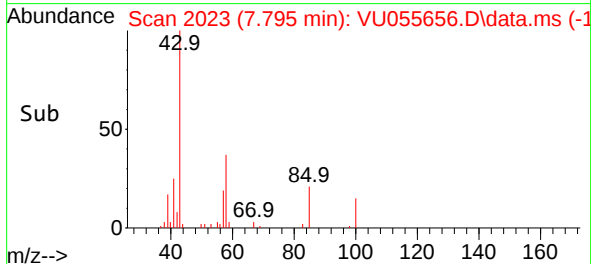
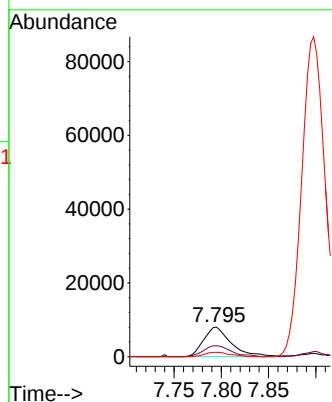
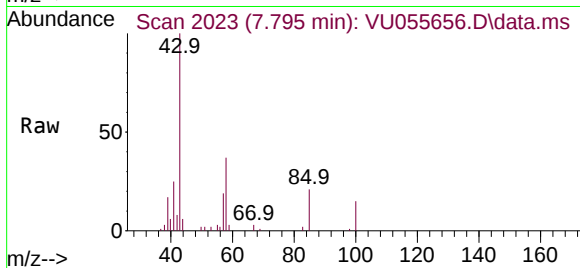
Tgt Ion: 43 Resp: 16169

Ion Ratio Lower Upper

43 100

58 37.2 34.2 51.4

100 0.0 13.4 20.0#



#42

Toluene

Concen: 0.261 ug/L

RT: 7.972 min Scan# 2078

Delta R.T. 0.003 min

Lab File: VU055656.D

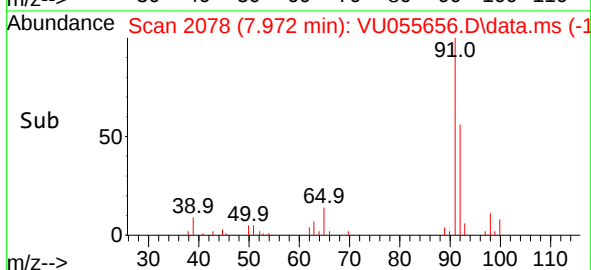
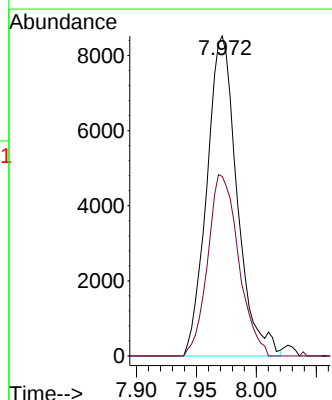
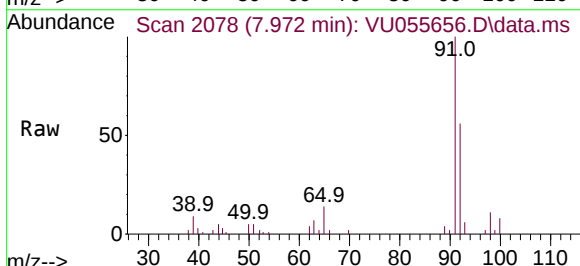
Acq: 04 Oct 2023 10:56

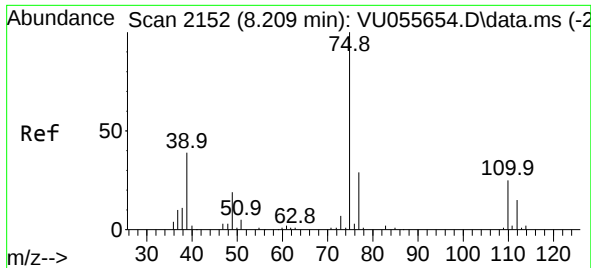
Tgt Ion: 91 Resp: 14978

Ion Ratio Lower Upper

91 100

92 56.1 40.3 74.8

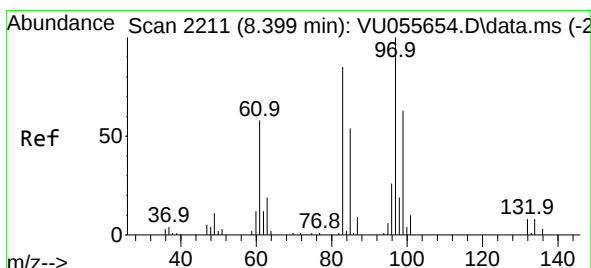
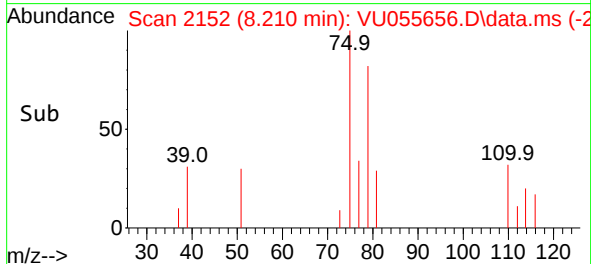
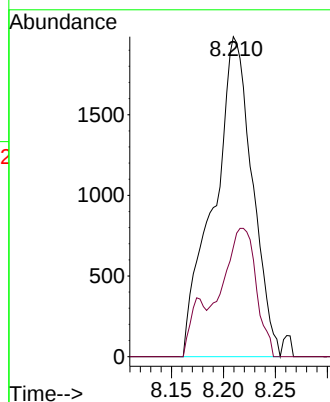
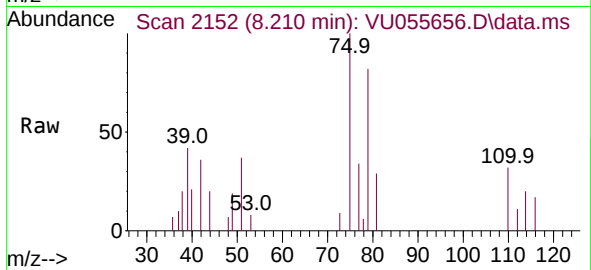




#44
trans-1,3-Dichloropropene
Concen: 0.341 ug/L
RT: 8.210 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

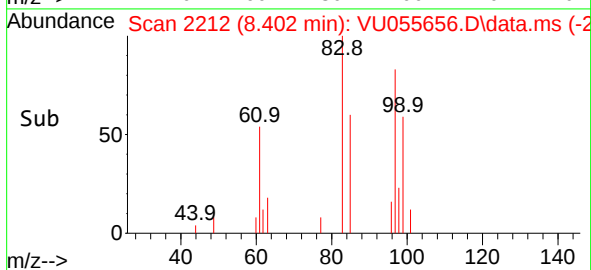
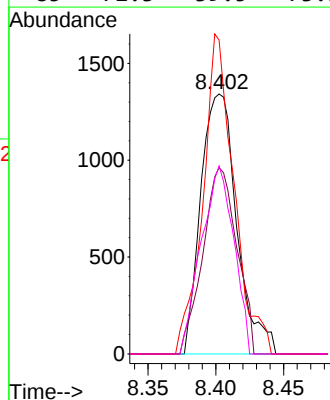
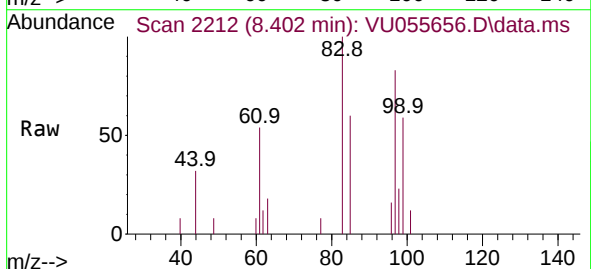
Instrument :
MSVOA_U
ClientSampleId :

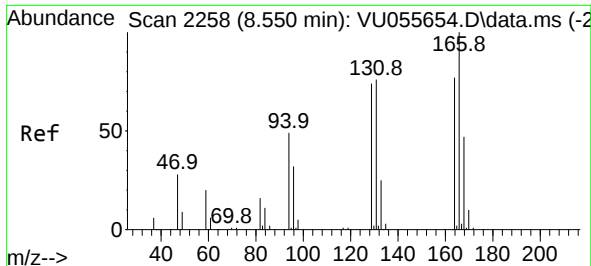
Tgt Ion: 75 Resp: 5137
Ion Ratio Lower Upper
75 100
77 34.2 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 0.251 ug/L
RT: 8.402 min Scan# 2212
Delta R.T. 0.003 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion: 97 Resp: 2482
Ion Ratio Lower Upper
97 100
99 71.7 44.1 81.9
83 120.8 61.5 114.1#
85 72.3 39.5 73.3





#47

Tetrachloroethene

Concen: 0.272 ug/L

RT: 8.557 min Scan# 21

Delta R.T. 0.007 min

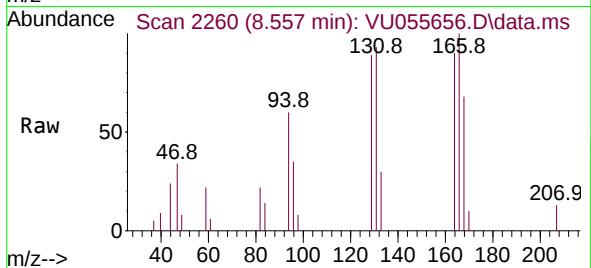
Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2970

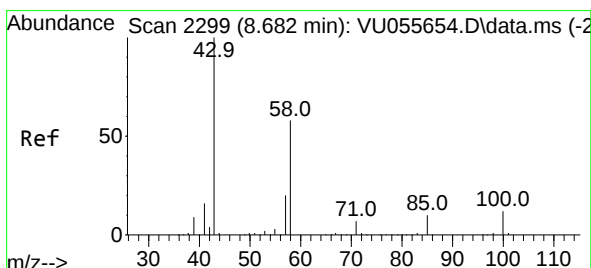
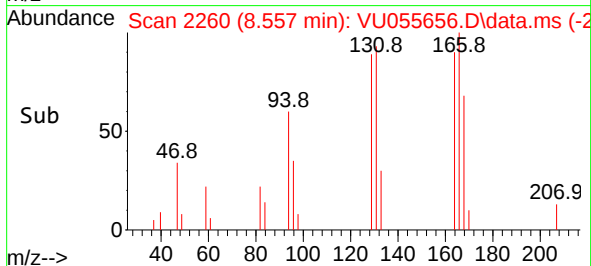
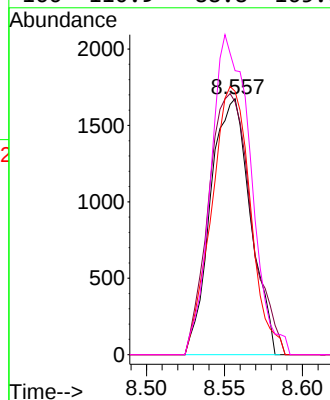
Ion Ratio Lower Upper

164 100

129 98.7 67.4 125.2

131 102.9 66.4 123.2

166 110.9 88.8 165.0



#48

2-Hexanone

Concen: 5.861 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

Tgt Ion: 43 Resp: 29030

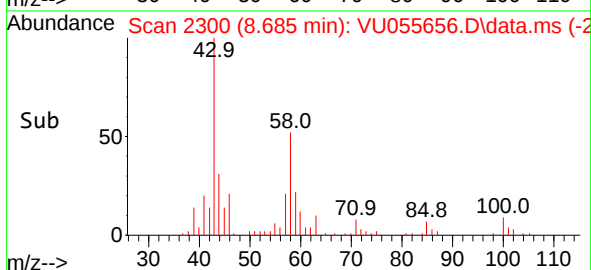
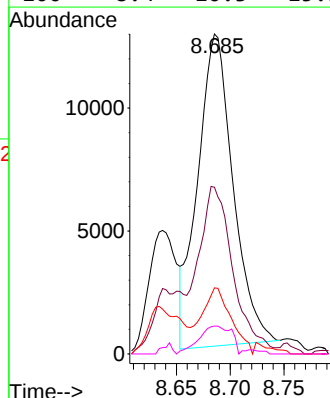
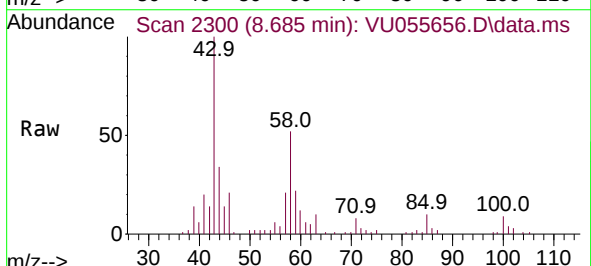
Ion Ratio Lower Upper

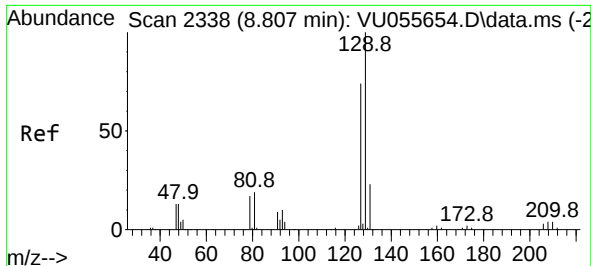
43 100

58 52.0 48.5 72.7

57 17.6 17.0 25.4

100 8.4 10.3 15.5#





#49

Dibromochloromethane

Concen: 0.280 ug/L

RT: 8.804 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

Instrument :

MSVOA_U

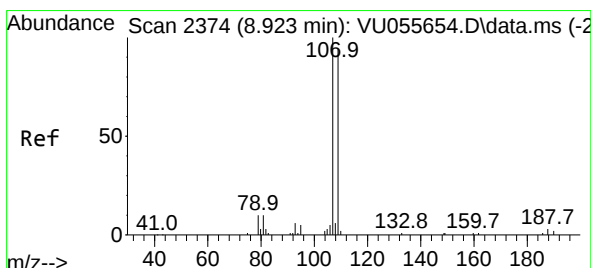
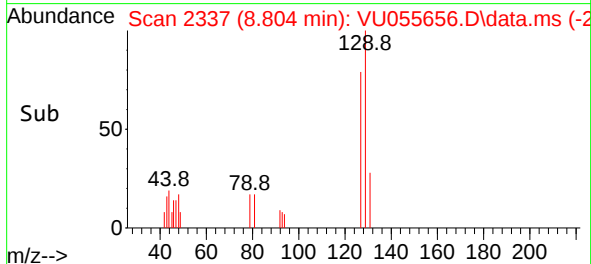
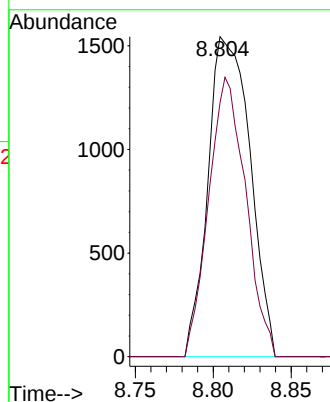
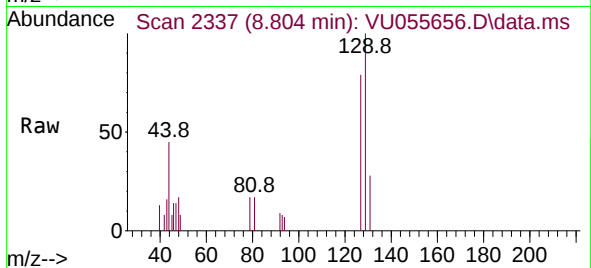
ClientSampleId :

Tgt Ion:129 Resp: 2904

Ion Ratio Lower Upper

129 100

127 79.4 56.8 105.6



#50

1,2-Dibromoethane

Concen: 0.262 ug/L

RT: 8.923 min Scan# 2374

Delta R.T. 0.000 min

Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

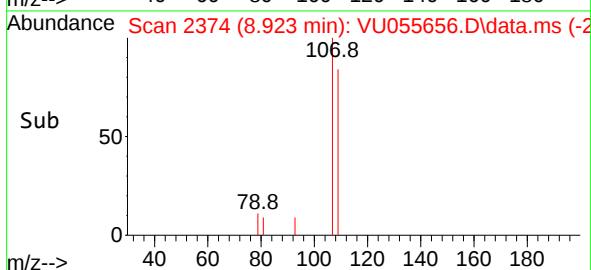
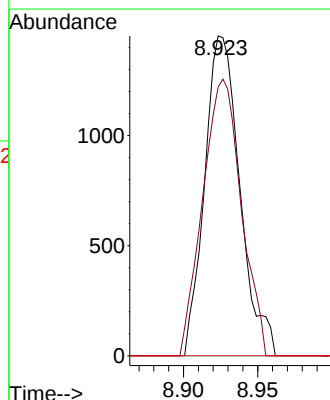
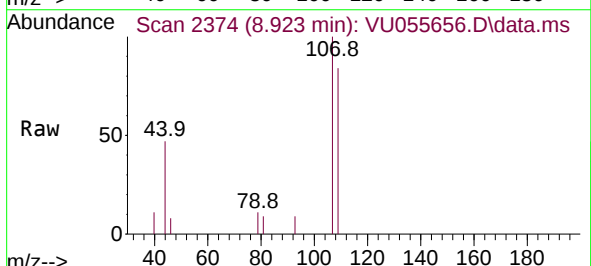
Tgt Ion:107 Resp: 2398

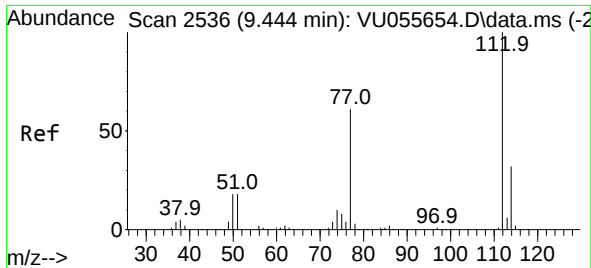
Ion Ratio Lower Upper

107 100

109 84.0 66.1 122.8

188 0.0 3.2 4.8#

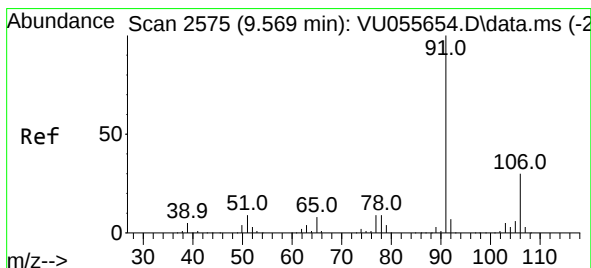
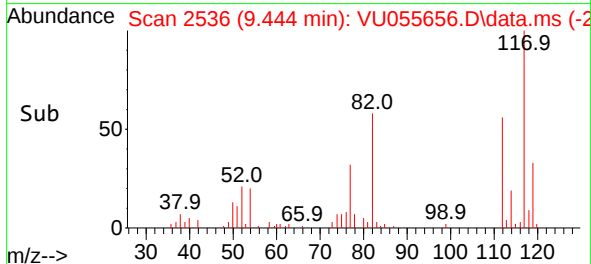
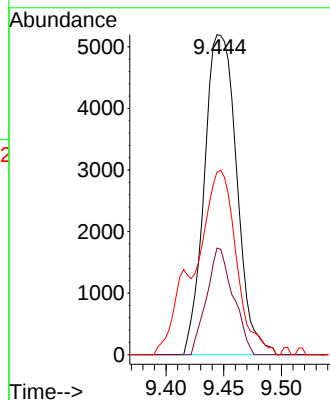
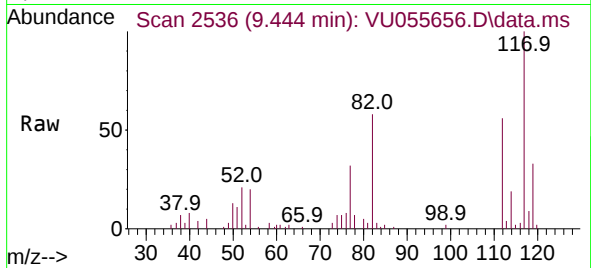




#51
Chlorobenzene
Concen: 0.276 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

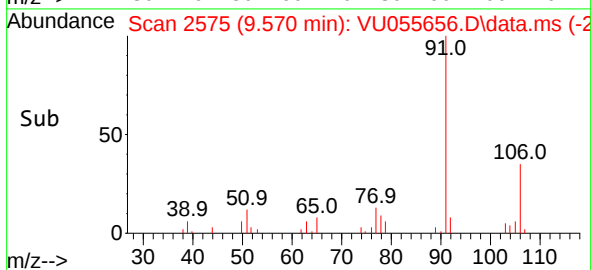
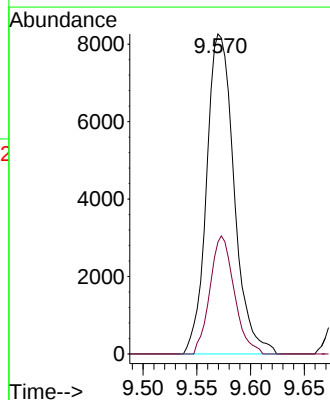
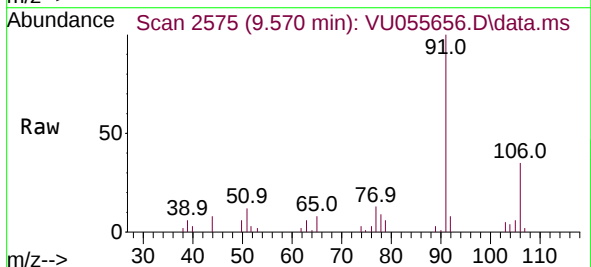
Instrument :
MSVOA_U
ClientSampleId :

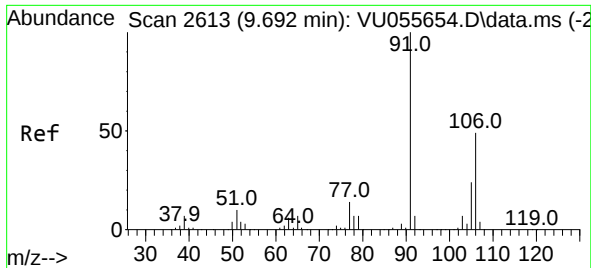
Tgt Ion:112 Resp: 10146
Ion Ratio Lower Upper
112 100
114 31.3 22.0 40.8
77 53.6 46.9 70.3



#52
Ethylbenzene
Concen: 0.239 ug/L
RT: 9.570 min Scan# 2575
Delta R.T. 0.000 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion: 91 Resp: 14693
Ion Ratio Lower Upper
91 100
106 35.0 22.4 41.6

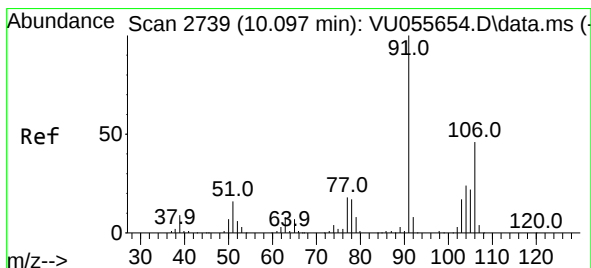
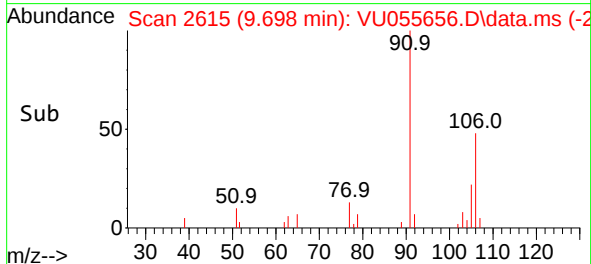
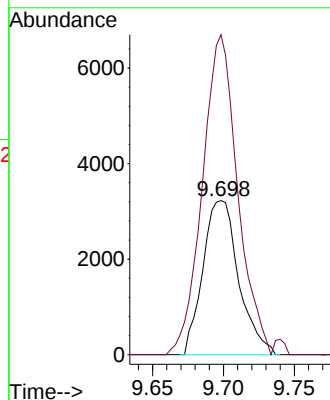
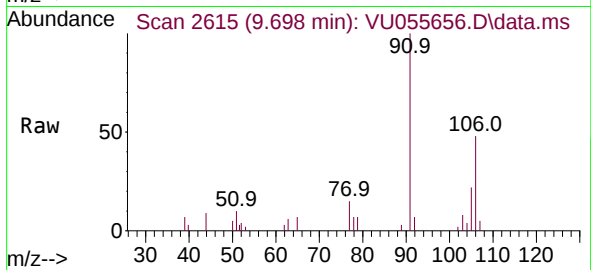




#53
m,p-Xylene
Concen: 0.245 ug/L
RT: 9.698 min Scan# 2615
Delta R.T. 0.007 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

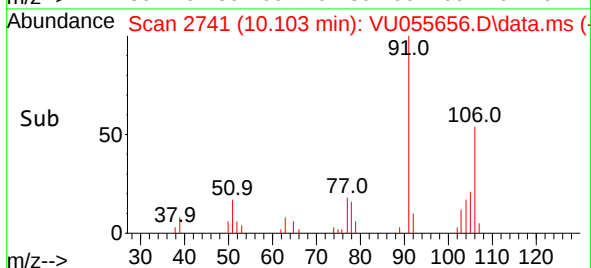
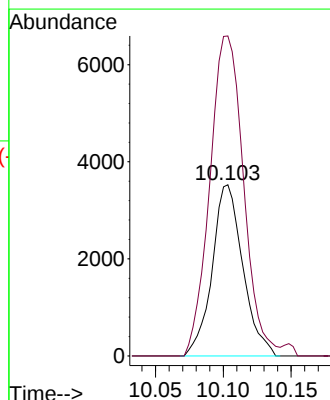
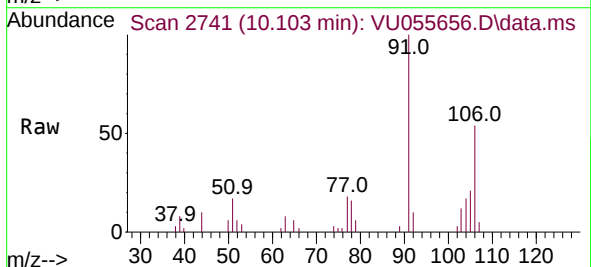
Instrument :
MSVOA_U
ClientSampleId :

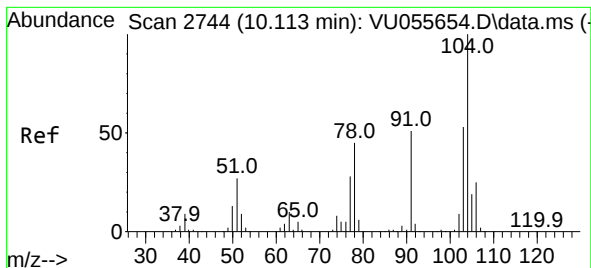
Tgt Ion:106 Resp: 5662
Ion Ratio Lower Upper
106 100
91 207.6 144.8 269.0



#54
o-Xylene
Concen: 0.247 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.007 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion:106 Resp: 5553
Ion Ratio Lower Upper
106 100
91 186.9 157.6 292.8





#55

Styrene

Concen: 0.226 ug/L

RT: 10.119 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

Instrument :

MSVOA_U

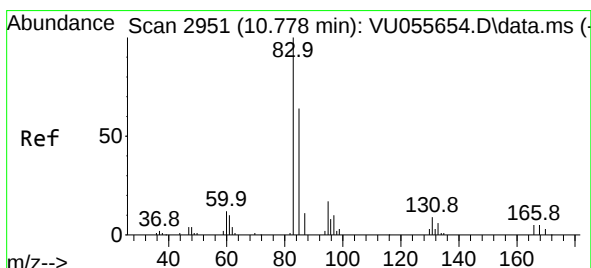
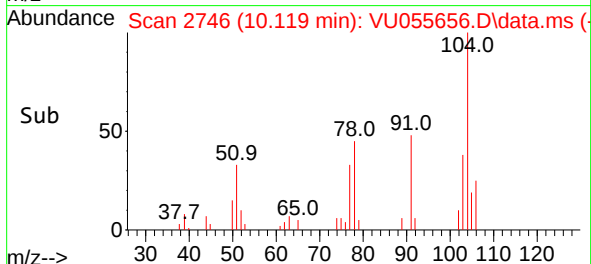
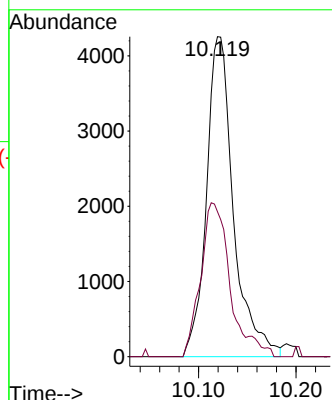
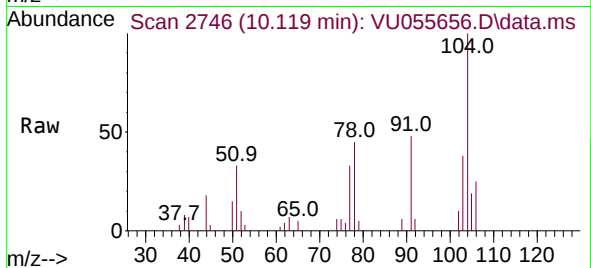
ClientSampleId :

Tgt Ion:104 Resp: 8202

Ion Ratio Lower Upper

104 100

78 45.3 31.2 58.0



#57

1,1,2,2-Tetrachloroethane

Concen: 0.277 ug/L

RT: 10.782 min Scan# 2952

Delta R.T. 0.003 min

Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

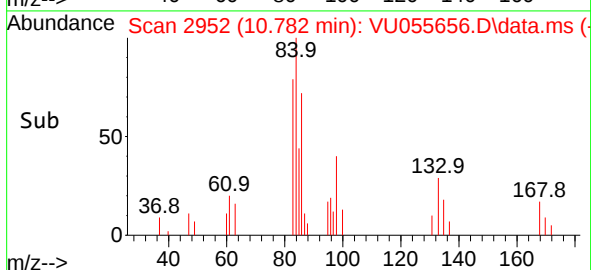
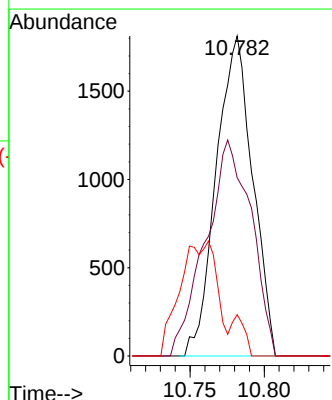
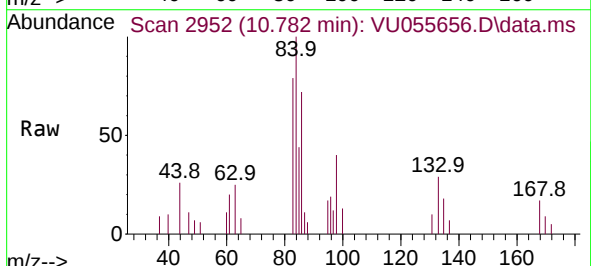
Tgt Ion: 83 Resp: 3087

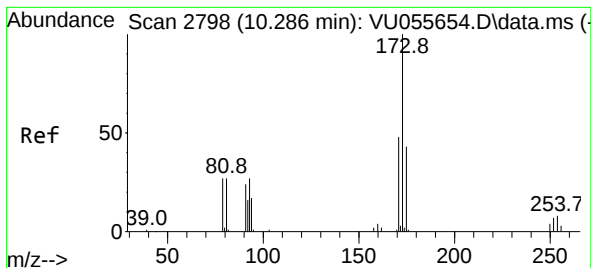
Ion Ratio Lower Upper

83 100

85 55.7 44.4 82.5

131 12.9 7.4 11.2#





#59

Bromoform

Concen: 0.258 ug/L

RT: 10.290 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055656.D

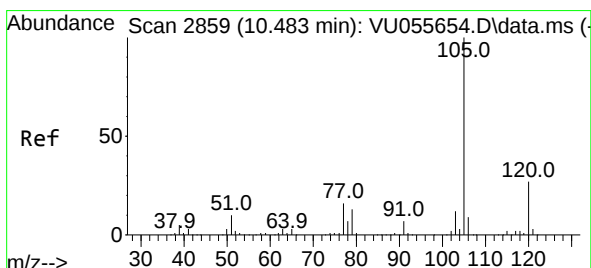
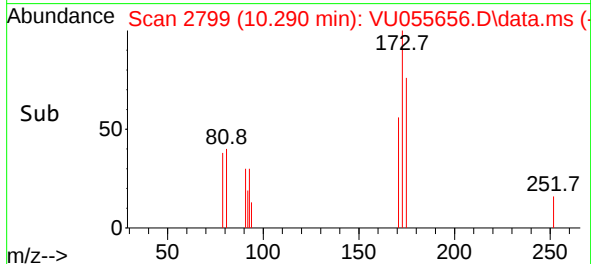
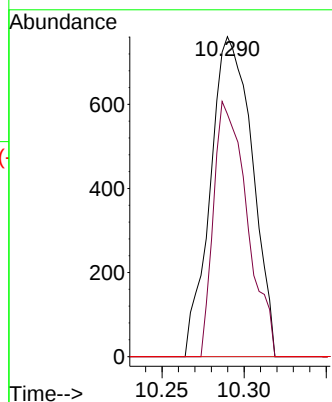
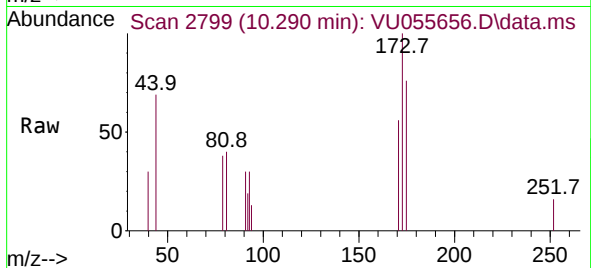
Acq: 04 Oct 2023 10:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173 Resp: 1350
 Ion Ratio Lower Upper
 173 100
 175 63.8 39.4 59.2#
 254 0.0 7.3 10.9#



#60

Isopropylbenzene

Concen: 0.232 ug/L

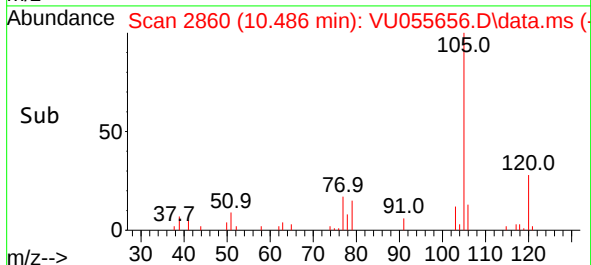
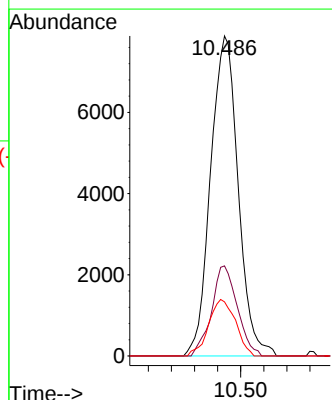
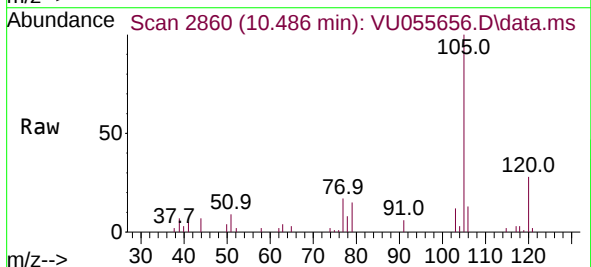
RT: 10.486 min Scan# 2860

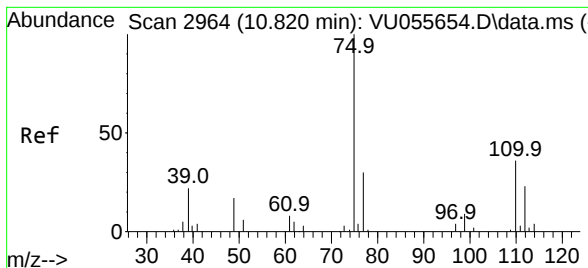
Delta R.T. 0.003 min

Lab File: VU055656.D

Acq: 04 Oct 2023 10:56

Tgt Ion:105 Resp: 13060
 Ion Ratio Lower Upper
 105 100
 120 26.2 20.8 31.2
 77 17.2 12.6 19.0

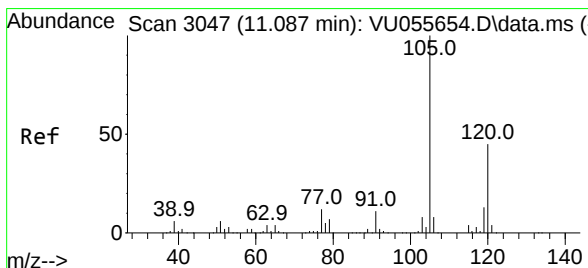
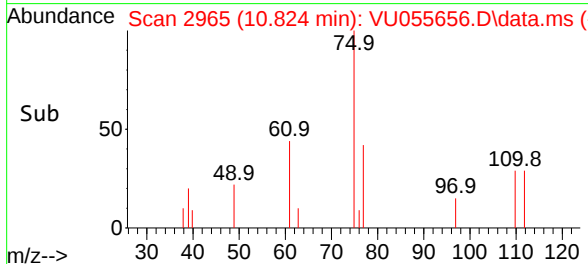
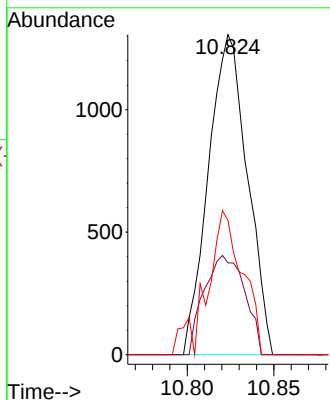
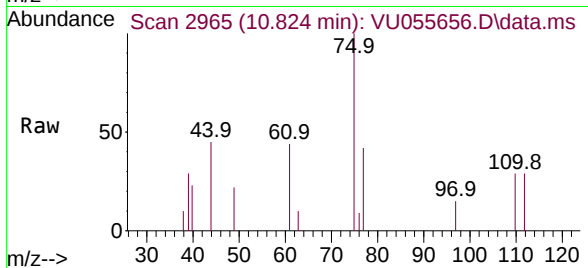




#61
 1,2,3-Trichloropropane
 Concen: 0.269 ug/L
 RT: 10.824 min Scan# 2964
 Delta R.T. 0.003 min
 Lab File: VU055656.D
 Acq: 04 Oct 2023 10:56

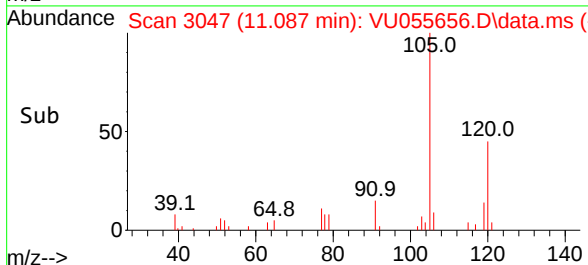
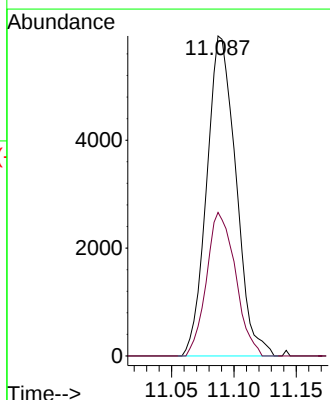
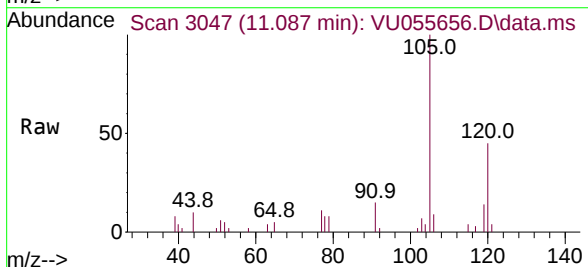
Instrument :
 MSVOA_U
 ClientSampleId :

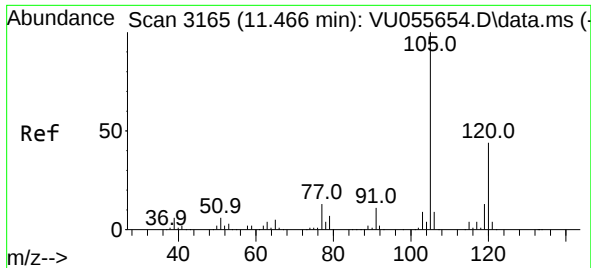
Tgt Ion: 75 Resp: 2046
 Ion Ratio Lower Upper
 75 100
 110 32.3 30.6 45.8
 77 41.0 26.7 40.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.215 ug/L
 RT: 11.087 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU055656.D
 Acq: 04 Oct 2023 10:56

Tgt Ion: 105 Resp: 9662
 Ion Ratio Lower Upper
 105 100
 120 44.5 38.1 57.1

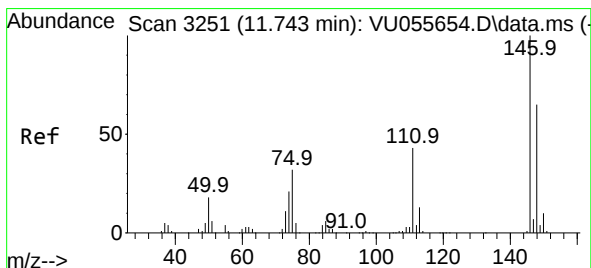
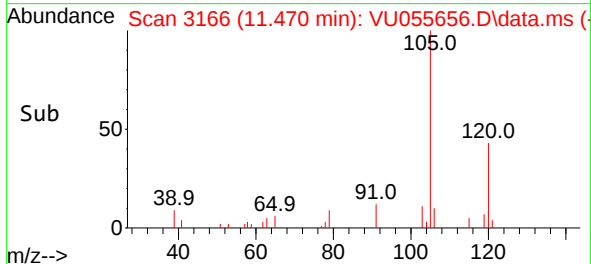
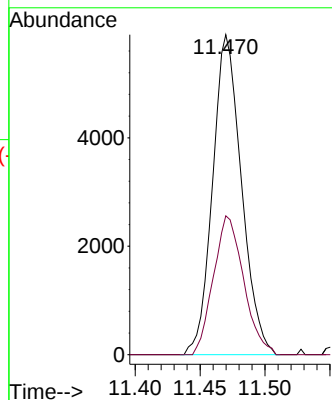
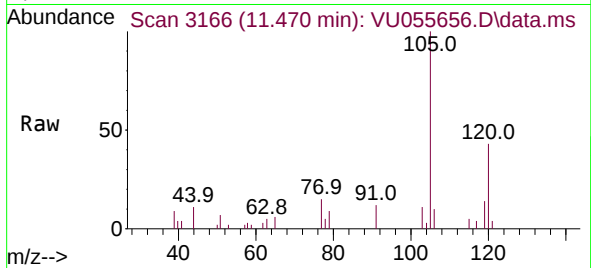




#63
1,2,4-Trimethylbenzene
Concen: 0.207 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

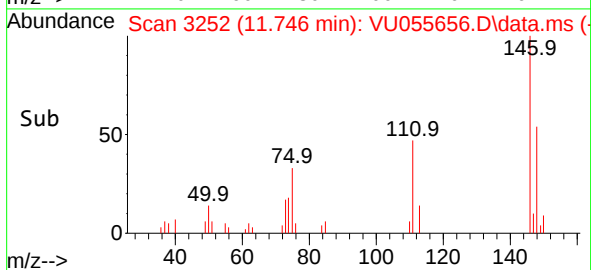
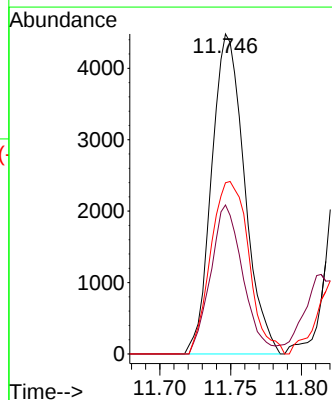
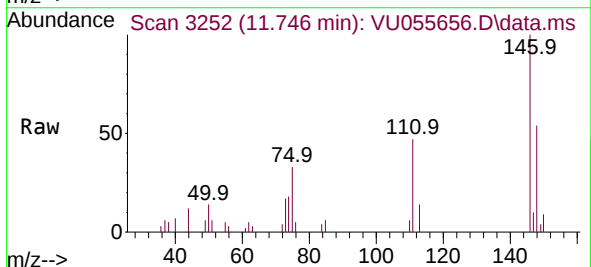
Instrument :
MSVOA_U
ClientSampleId :

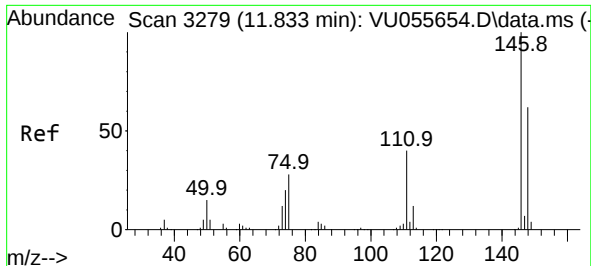
Tgt Ion:105 Resp: 9106
Ion Ratio Lower Upper
105 100
120 45.4 34.9 52.3



#64
1,3-Dichlorobenzene
Concen: 0.269 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion:146 Resp: 7224
Ion Ratio Lower Upper
146 100
111 46.6 28.8 53.6
148 53.5 44.6 82.8

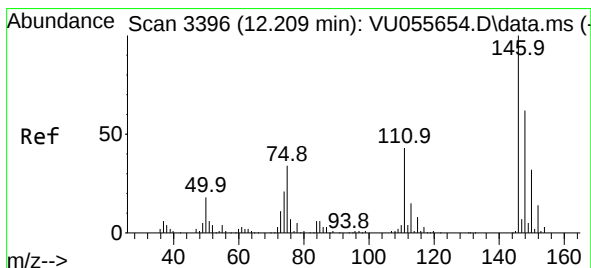
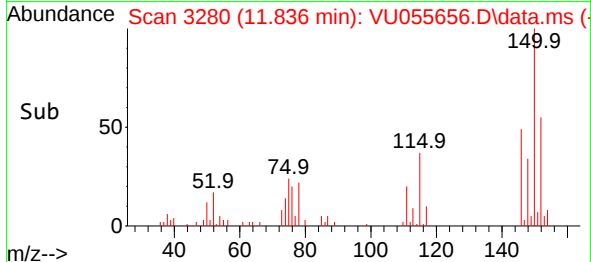
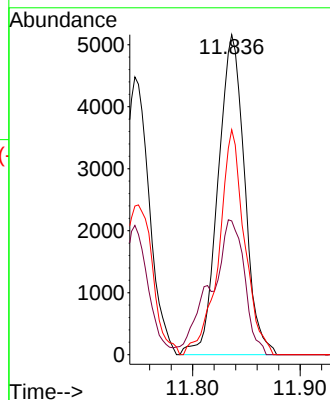
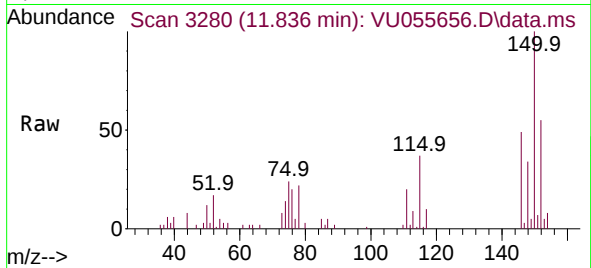




#65
1,4-Dichlorobenzene
Concen: 0.329 ug/L
RT: 11.836 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

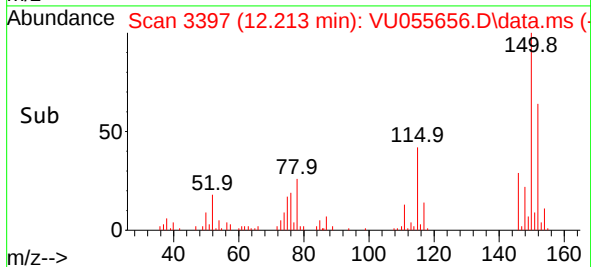
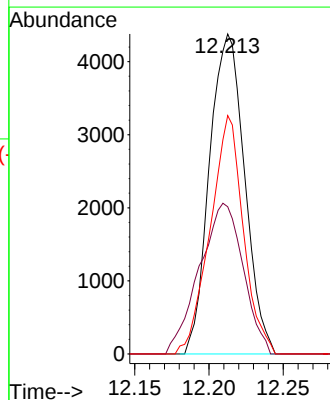
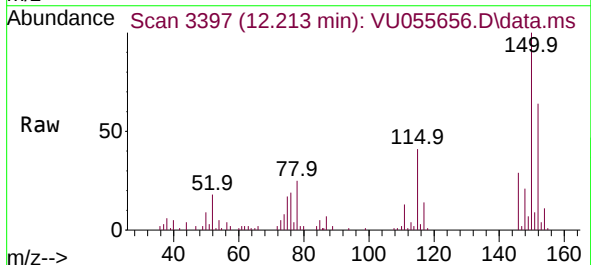
Instrument :
MSVOA_U
ClientSampleId :

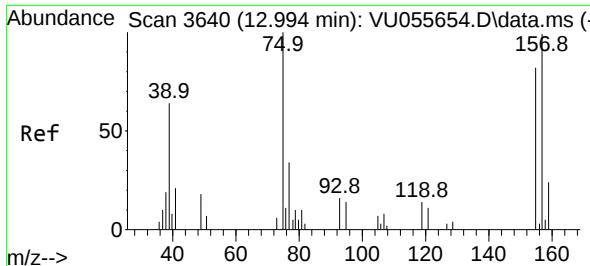
Tgt Ion:146 Resp: 8843
Ion Ratio Lower Upper
146 100
111 41.8 29.0 53.8
148 70.3 45.4 84.4



#67
1,2-Dichlorobenzene
Concen: 0.292 ug/L
RT: 12.213 min Scan# 3397
Delta R.T. 0.003 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

Tgt Ion:146 Resp: 7195
Ion Ratio Lower Upper
146 100
111 46.0 34.6 52.0
148 74.5 51.8 77.8

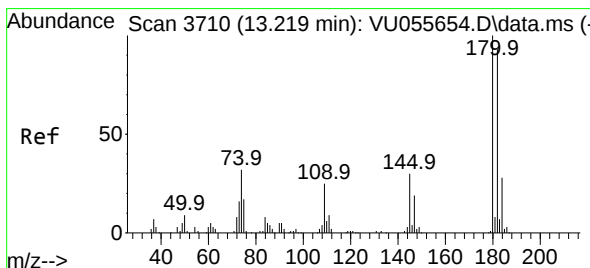
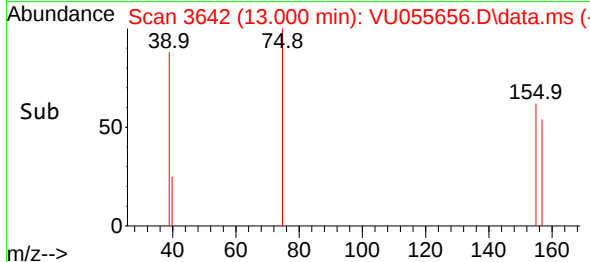
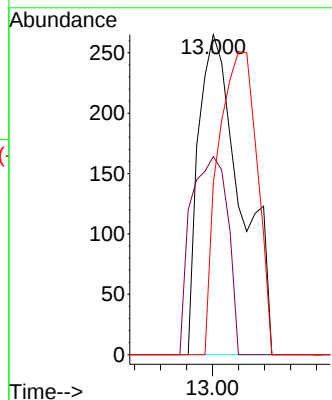
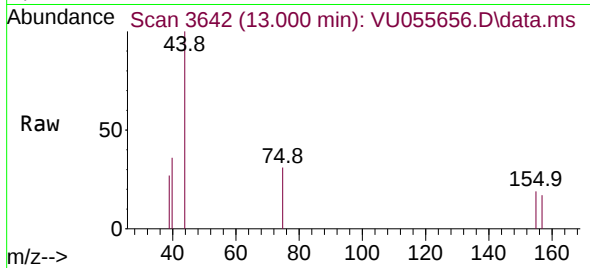




#68
1,2-Dibromo-3-chloropropane
Concen: 0.227 ug/L
RT: 13.000 min Scan# 30
Delta R.T. 0.007 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

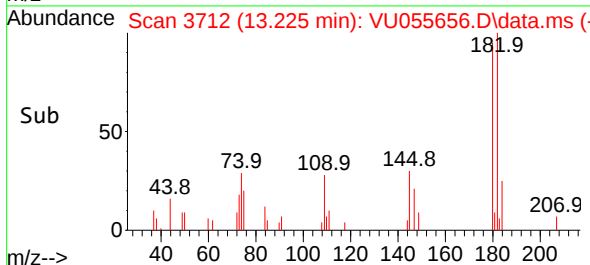
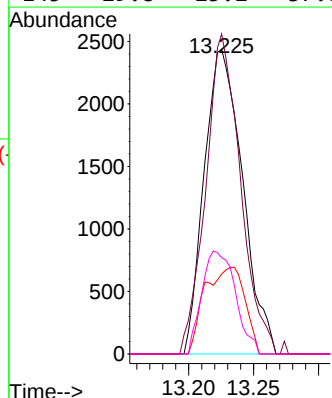
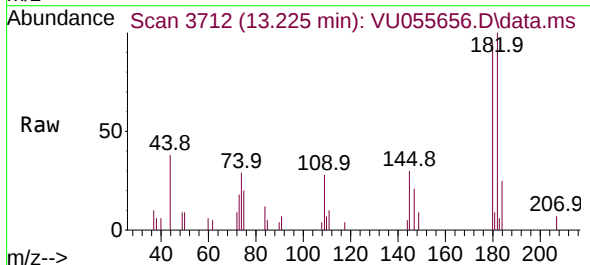
Instrument :
MSVOA_U
ClientSampleId :

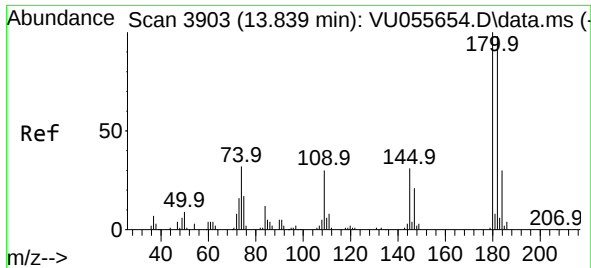
Tgt Ion: 75 Resp: 300
Ion Ratio Lower Upper
75 100
155 61.9 69.2 103.8#
157 53.6 81.9 122.9#



#69
1,3,5-Trichlorobenzene
Concen: 0.269 ug/L
RT: 13.225 min Scan# 3712
Delta R.T. 0.007 min
Lab File: VU055656.D
Acq: 04 Oct 2023 10:56

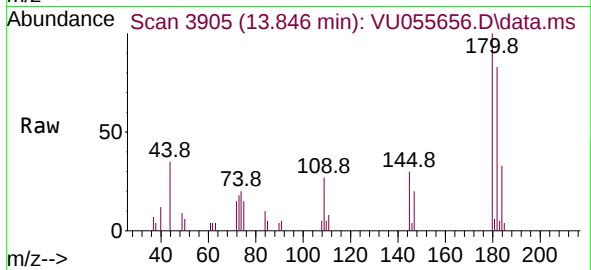
Tgt Ion:180 Resp: 4988
Ion Ratio Lower Upper
180 100
182 95.0 77.1 115.7
184 29.8 24.0 36.0
145 29.8 25.2 37.8





#70
 1,2,4-trichlorobenzene
 Concen: 0.334 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.007 min
 Lab File: VU055656.D
 Acq: 04 Oct 2023 10:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	4714
Ion Ratio	Lower	Upper	
180	100		
182	82.7	76.4	114.6
145	31.0	25.4	38.0

