

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
 Data File : VU057463.D
 Acq On : 11 Jan 2024 17:05
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 21:05:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:04:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	285171	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	259757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	115459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	30266	1.190	ug/L	0.00
7) Chloroethane-d5	1.911	69	24871	1.225	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	13434	1.314	ug/L	0.00
20) 2-Butanone-d5	4.656	46	53709	9.698	ug/L	0.02
24) Chloroform-d	5.055	84	53829	1.197	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	25858	1.142	ug/L	0.00
32) Benzene-d6	5.724	84	97972	1.206	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	31254	1.238	ug/L	0.00
41) Toluene-d8	7.894	98	78990	1.128	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	9946	1.015	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	31081	7.393	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	21970	1.125	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	23747	1.104	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	20015	0.973	ug/L	96
3) Chloromethane	1.518	50	22690	0.992	ug/L	98
5) Vinyl chloride	1.602	62	21924	0.930	ug/L	98
6) Bromomethane	1.859	94	12820	1.104	ug/L	96
8) Chloroethane	1.933	64	13507	0.890	ug/L	94
9) Trichlorofluoromethane	2.136	101	30833	0.917	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	19640	0.954	ug/L	97
12) 1,1-Dichloroethene	2.576	96	17925	0.975	ug/L	92
13) Acetone	2.663	43	29196	8.177	ug/L	87
14) Carbon disulfide	2.791	76	48499	0.927	ug/L	98
15) Methyl Acetate	2.965	43	6701	0.814	ug/L #	73
16) Methylene chloride	3.042	84	29095	1.211	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	41097	0.884	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	17458	0.950	ug/L	94
19) 1,1-Dichloroethane	3.865	63	38175	0.978	ug/L	95
21) 2-Butanone	4.737	43	44214	8.630	ug/L #	68
22) cis-1,2-Dichloroethene	4.666	96	19636	0.923	ug/L	93
23) Bromochloromethane	4.971	128	8653	0.918	ug/L	97
25) Chloroform	5.081	83	39482	0.963	ug/L	98
27) 1,2-Dichloroethane	5.795	62	23983	0.939	ug/L #	94
29) 1,1,1-Trichloroethane	5.312	97	33284	0.979	ug/L	99
30) Cyclohexane	5.380	56	23974	0.927	ug/L	96
31) Carbon tetrachloride	5.521	117	27307	0.961	ug/L	98
33) Benzene	5.769	78	75852	0.971	ug/L	100
34) Trichloroethene	6.541	95	20193	0.974	ug/L	93
35) Methylcyclohexane	6.759	83	24747	0.915	ug/L	96
37) 1,2-Dichloropropane	6.785	63	22628	1.044	ug/L	99
38) Bromodichloromethane	7.100	83	27370	0.991	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	28071	0.955	ug/L	92
40) 4-Methyl-2-pentanone	7.788	43	98238	8.881	ug/L	99
42) Toluene	7.968	91	65616	0.782	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	22376	0.880	ug/L	97

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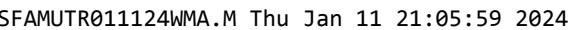
Quant Time: Jan 11 21:05:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:04:51 2024
 Response via : Initial Calibration

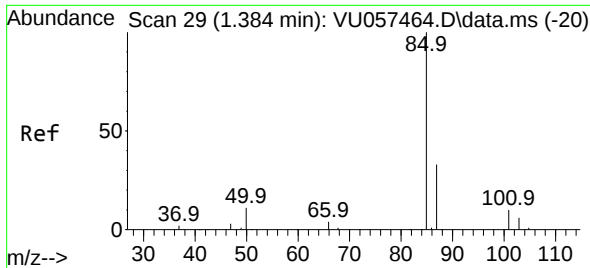
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.399	97	14570	0.939	ug/L	97
47) Tetrachloroethene	8.550	164	13862	0.959	ug/L	96
48) 2-Hexanone	8.688	43	68243	8.473	ug/L	99
49) Dibromochloromethane	8.804	129	15024	0.872	ug/L	91
50) 1,2-Dibromoethane	8.920	107	10996	0.811	ug/L	99
51) Chlorobenzene	9.444	112	50705	1.044	ug/L	94
52) Ethylbenzene	9.566	91	73670	0.920	ug/L	97
53) m,p-Xylene	9.688	106	24609	0.813	ug/L	99
54) o-Xylene	10.097	106	24057	0.841	ug/L	95
55) Styrene	10.113	104	36249	0.757	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.778	83	17793	0.965	ug/L #	97
59) Bromoform	10.286	173	8697	1.011	ug/L	91
60) Isopropylbenzene	10.479	105	63279	0.922	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	12199	1.050	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	42555	0.766	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	40465	0.730	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	31905	0.939	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	32307	0.941	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	29907	0.918	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	2182	0.843	ug/L	96
69) 1,3,5-Trichlorobenzene	13.219	180	22407	0.927	ug/L	94
70) 1,2,4-trichlorobenzene	13.842	180	11980	0.640	ug/L	97
71) Naphthalene	14.090	128	16114	0.572	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	10275	0.651	ug/L	96

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

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QLast Update : Thu Jan 11 21:04:51 2024
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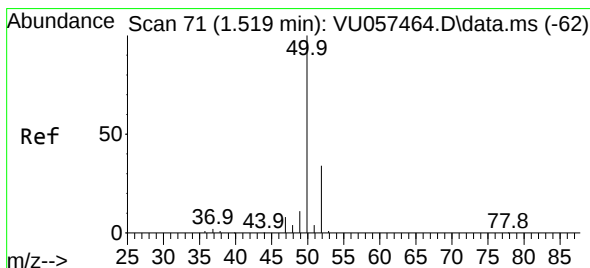
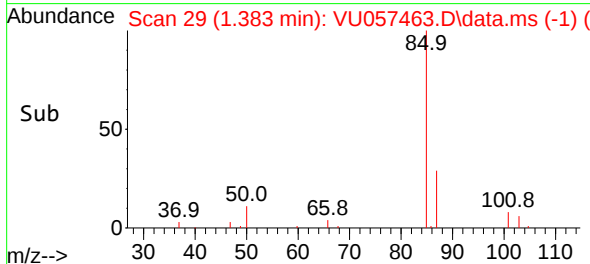
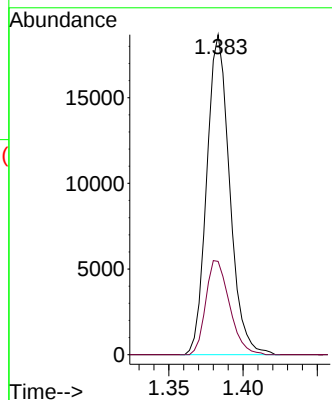
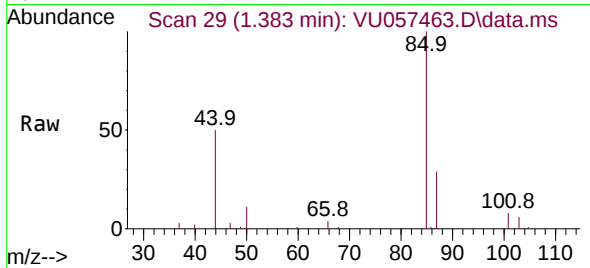




#2
 Dichlorodifluoromethane
 Concen: 0.973 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU057463.D
 Acq: 11 Jan 2024 17:05

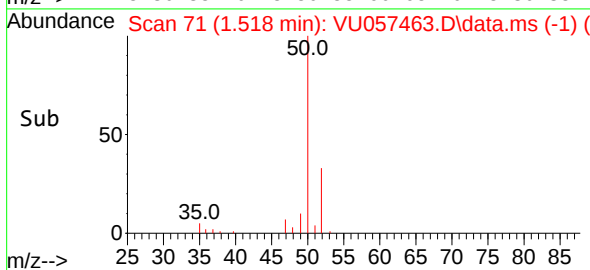
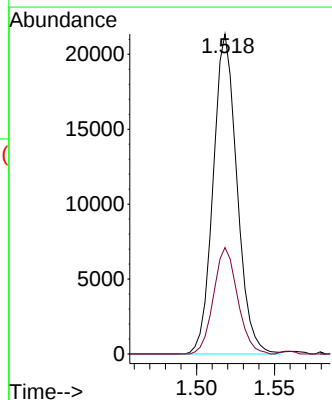
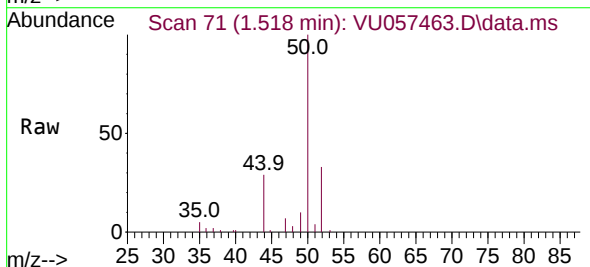
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 ClientSampleId :

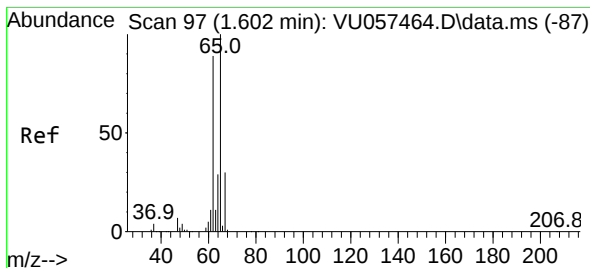
Tgt Ion: 85 Resp: 20015
 Ion Ratio Lower Upper
 85 100
 87 30.5 26.2 39.4



#3
 Chloromethane
 Concen: 0.992 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057463.D
 Acq: 11 Jan 2024 17:05

Tgt Ion: 50 Resp: 22690
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.1 44.7





#5

Vinyl chloride

Concen: 0.930 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

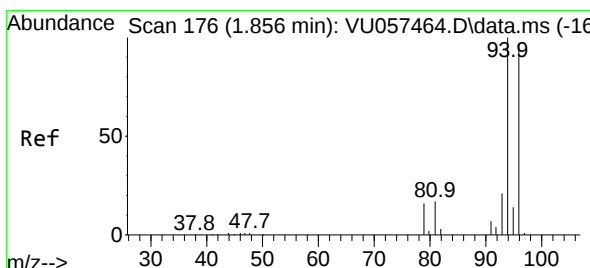
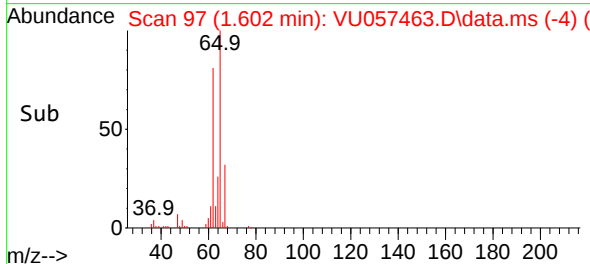
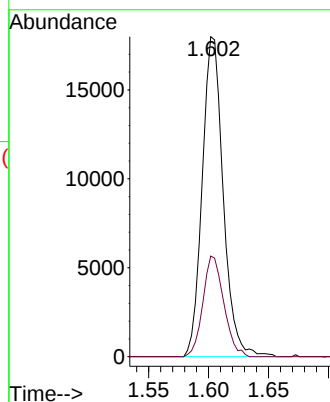
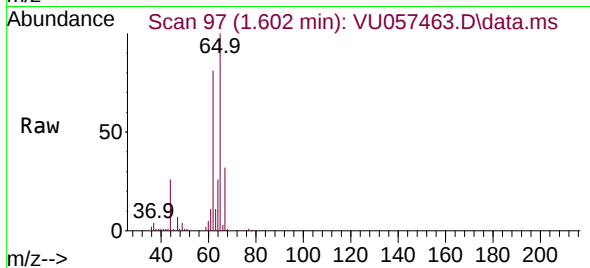
ClientSampleId :

Tgt Ion: 62 Resp: 21924

Ion Ratio Lower Upper

62 100

64 31.4 22.9 42.5



#6

Bromomethane

Concen: 1.104 ug/L

RT: 1.859 min Scan# 177

Delta R.T. 0.003 min

Lab File: VU057463.D

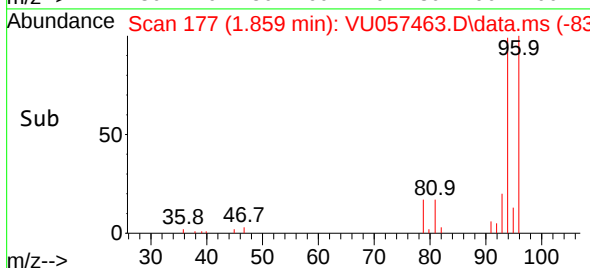
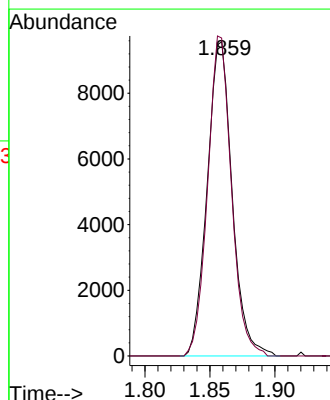
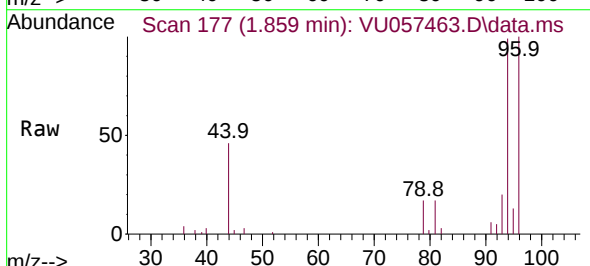
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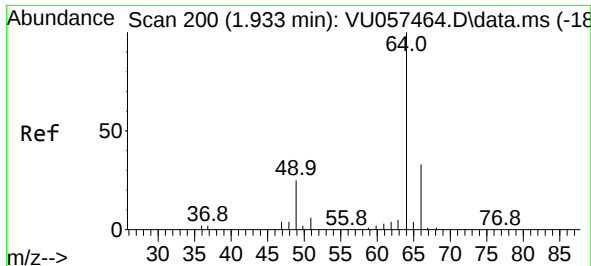
Tgt Ion: 94 Resp: 12820

Ion Ratio Lower Upper

94 100

96 101.2 68.0 126.2

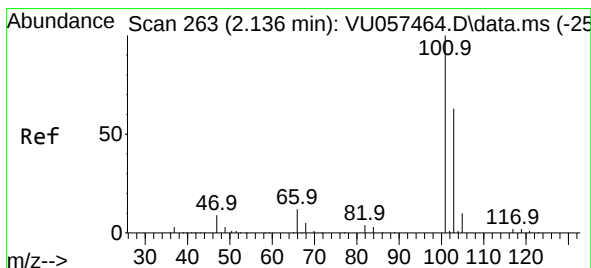
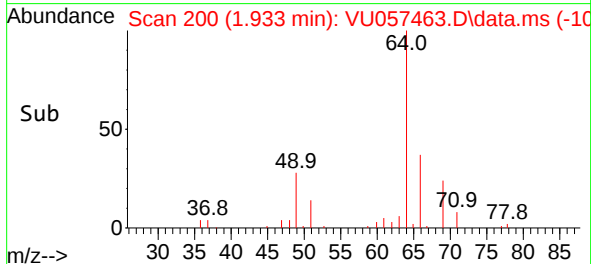
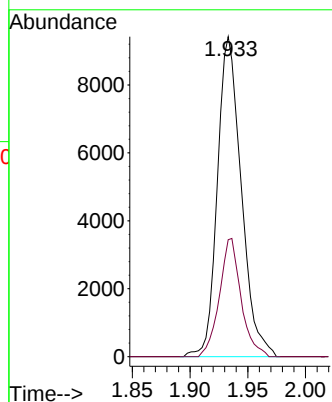
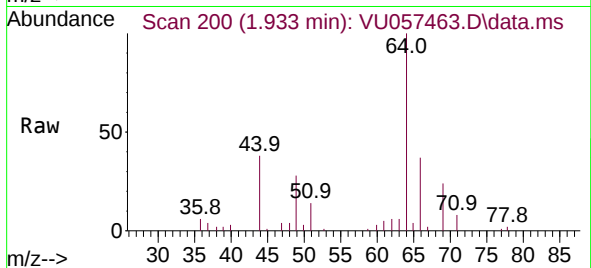




#8
Chloroethane
Concen: 0.890 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

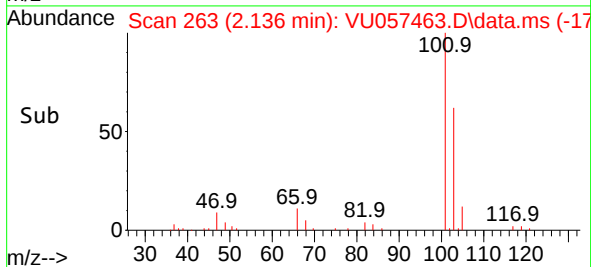
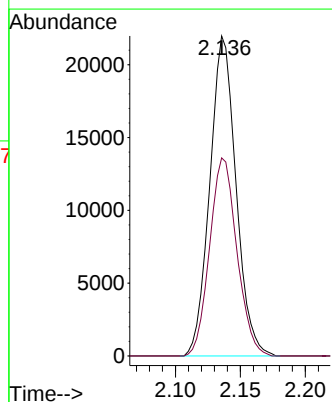
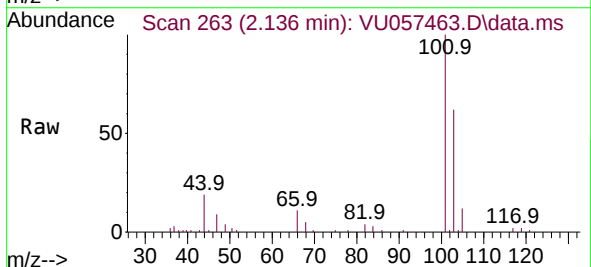
Instrument :
MSVOA_U
ClientSampleId :

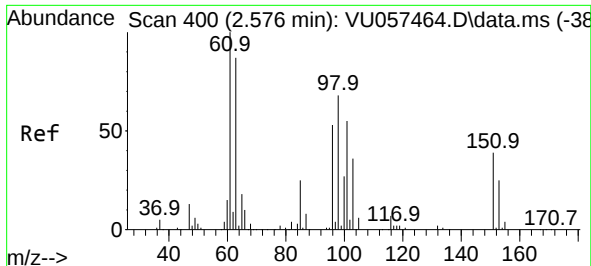
Tgt Ion: 64 Resp: 13507
Ion Ratio Lower Upper
64 100
66 36.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 0.917 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion:101 Resp: 30833
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8

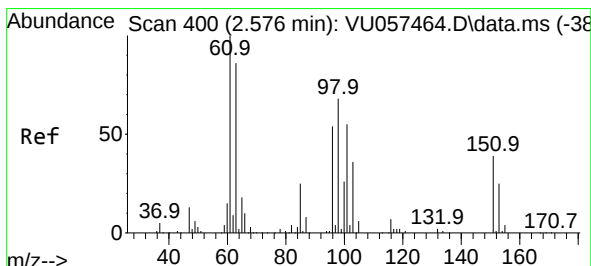
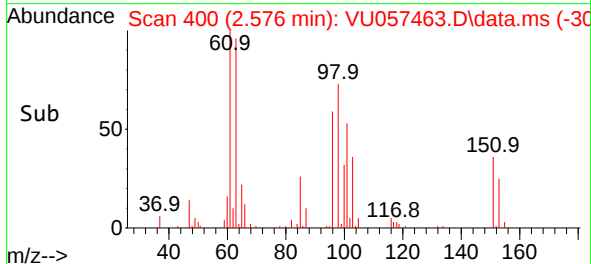
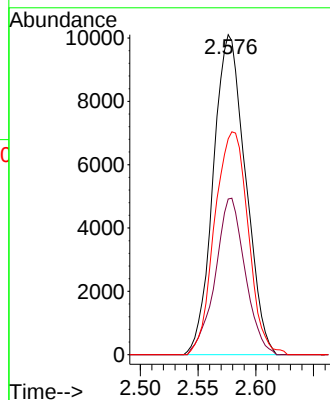
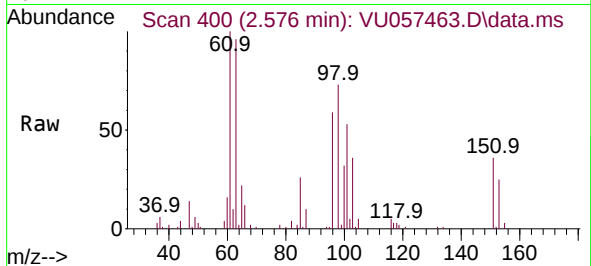




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.954 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057463.D
 Acq: 11 Jan 2024 17:05

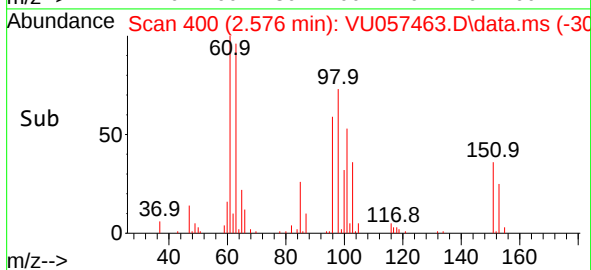
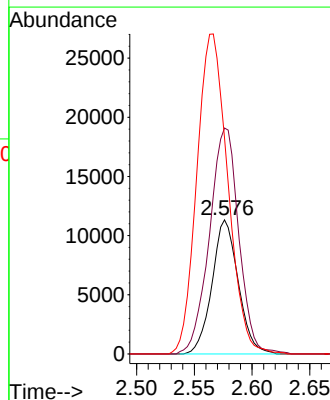
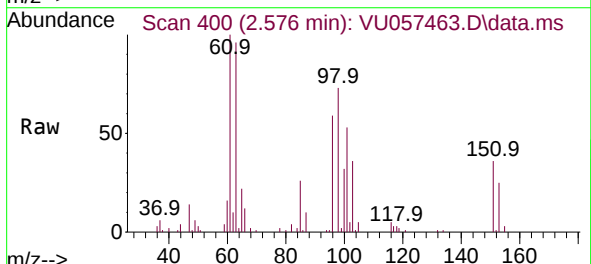
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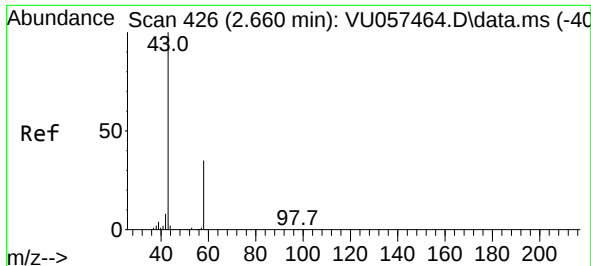
Tgt Ion:101 Resp: 19640
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.1 52.7
 151 72.4 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 0.975 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057463.D
 Acq: 11 Jan 2024 17:05

Tgt Ion: 96 Resp: 17925
 Ion Ratio Lower Upper
 96 100
 61 168.5 130.9 243.1
 63 161.3 114.8 213.2





#13

Acetone

Concen: 8.177 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

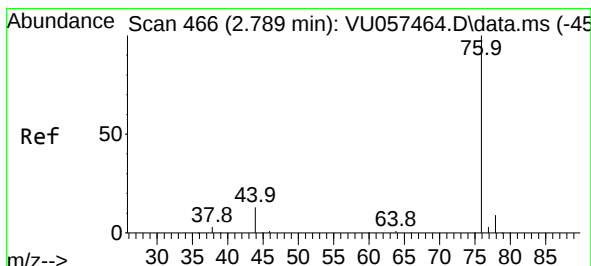
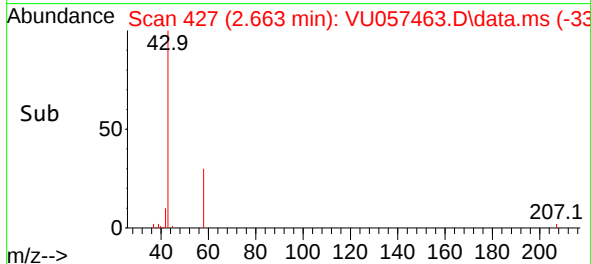
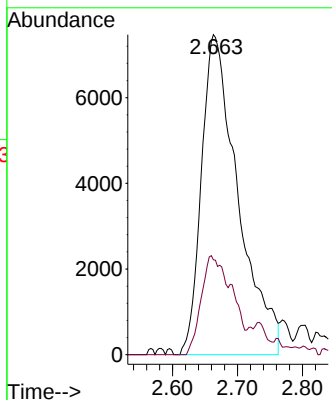
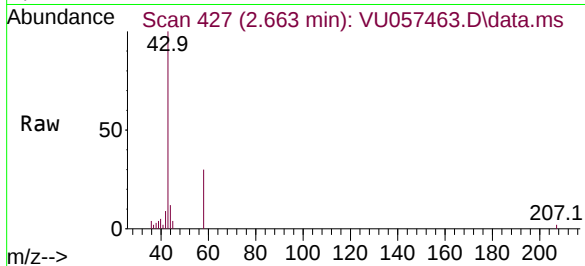
ClientSampleId :

Tgt Ion: 43 Resp: 29196

Ion Ratio Lower Upper

43 100

58 26.3 0.0 67.8



#14

Carbon disulfide

Concen: 0.927 ug/L

RT: 2.791 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU057463.D

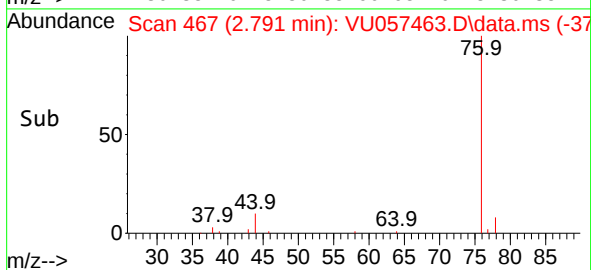
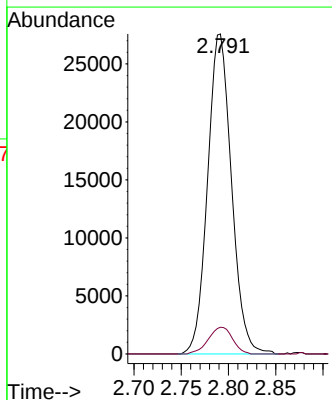
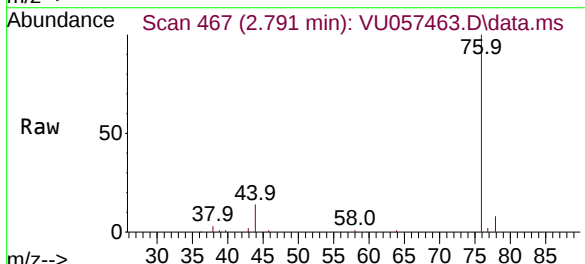
Acq: 11 Jan 2024 17:05

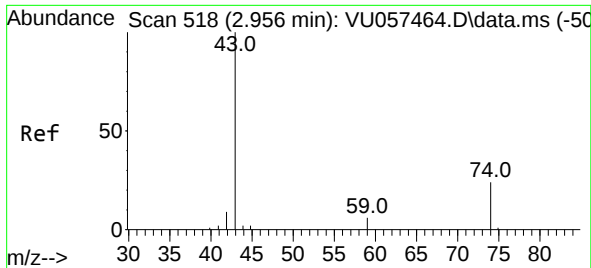
Tgt Ion: 76 Resp: 48499

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9

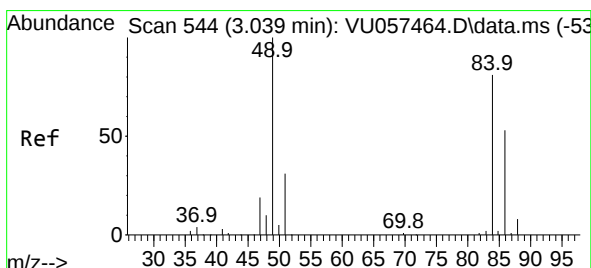
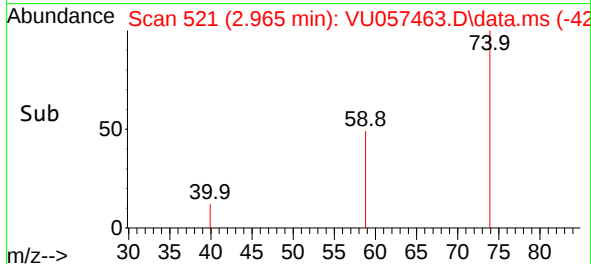
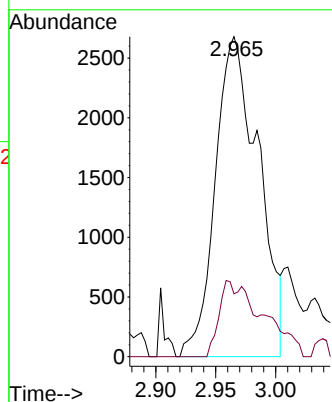
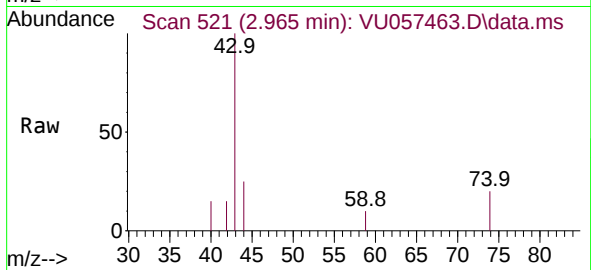




#15
Methyl Acetate
Concen: 0.814 ug/L
RT: 2.965 min Scan# 518
Delta R.T. 0.009 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

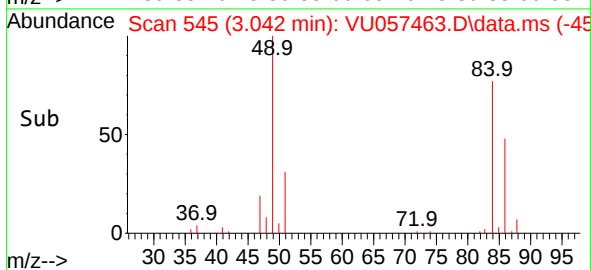
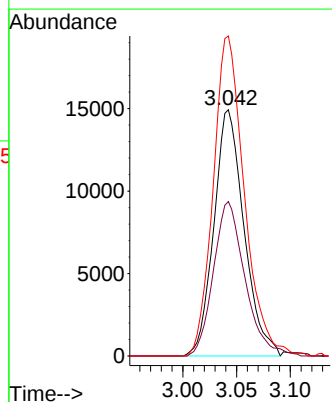
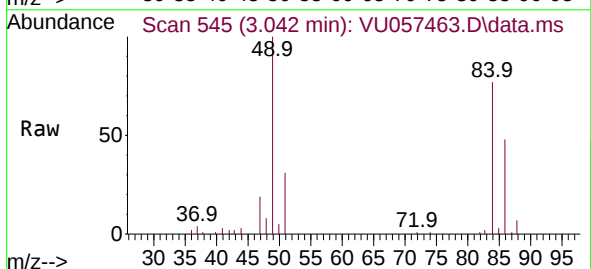
Instrument :
MSVOA_U
ClientSampleId :

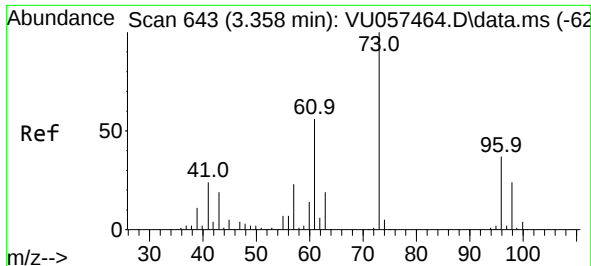
Tgt Ion: 43 Resp: 6701
Ion Ratio Lower Upper
43 100
74 9.9 18.6 27.8#



#16
Methylene chloride
Concen: 1.211 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion: 84 Resp: 29095
Ion Ratio Lower Upper
84 100
86 62.7 45.8 85.2
49 129.9 86.7 161.1

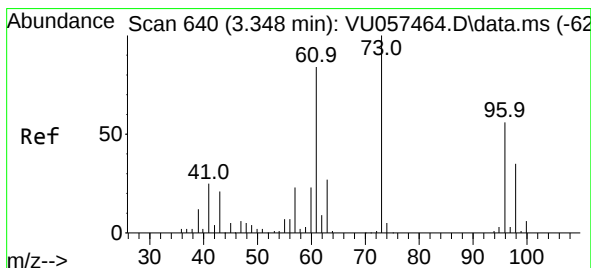
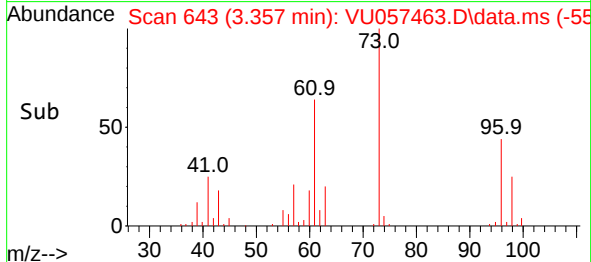
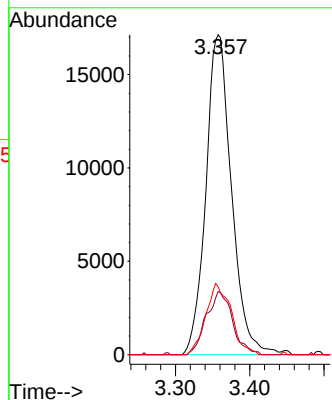
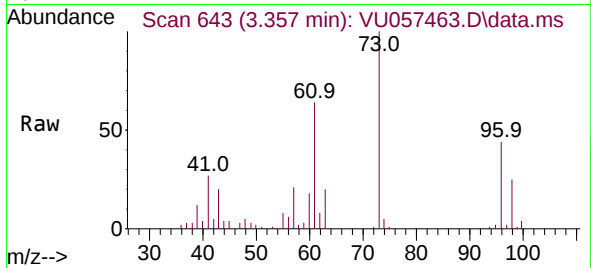




#17
Methyl tert-butyl Ether
Concen: 0.884 ug/L
RT: 3.357 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

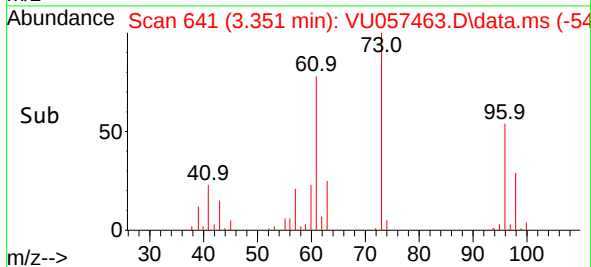
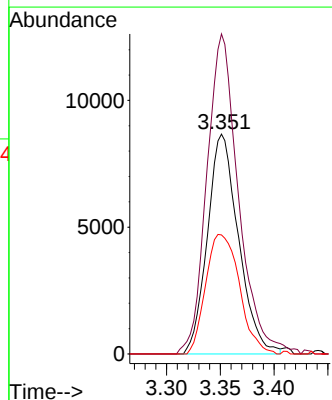
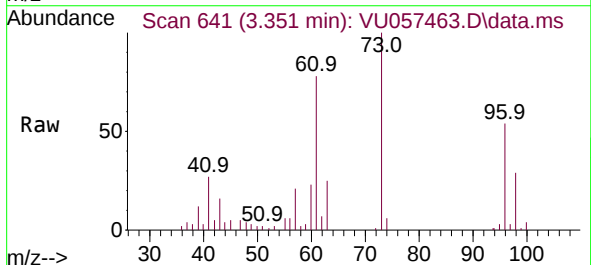
Instrument :
MSVOA_U
ClientSampleId :

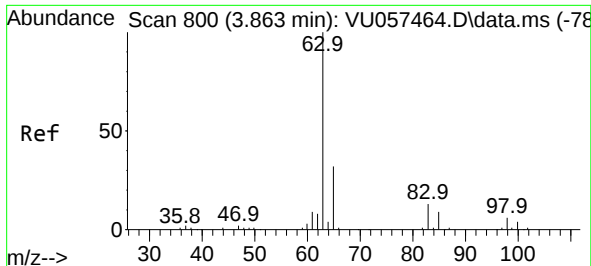
Tgt Ion: 73	Resp:	41097	
Ion	Ratio	Lower	Upper
73	100		
43	20.2	16.1	24.1
57	22.1	18.2	27.4



#18
trans-1,2-Dichloroethene
Concen: 0.950 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion: 96	Resp:	17458	
Ion	Ratio	Lower	Upper
96	100		
61	145.6	105.1	195.3
98	54.1	43.7	81.1





#19

1,1-Dichloroethane

Concen: 0.978 ug/L

RT: 3.865 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU057463.D

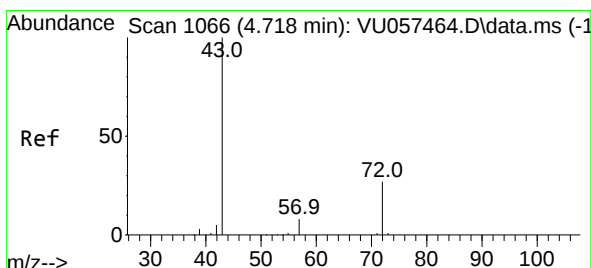
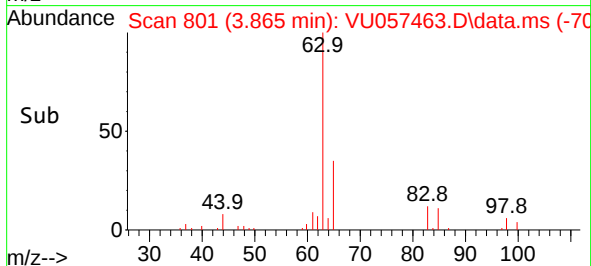
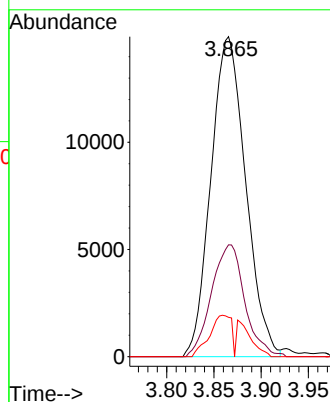
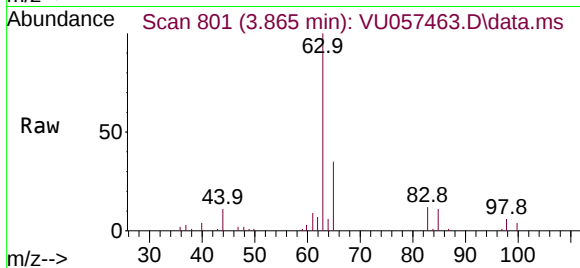
Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	38175
Ion	Ratio	Lower	Upper
63	100		
65	34.9	22.3	41.3
83	12.3	9.1	16.9



#21

2-Butanone

Concen: 8.630 ug/L

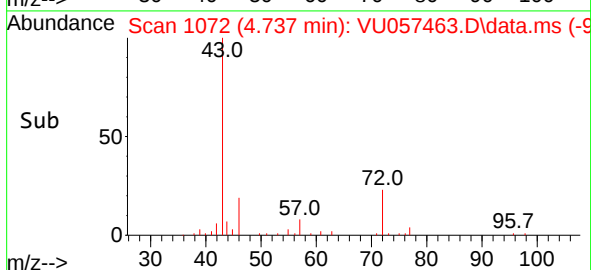
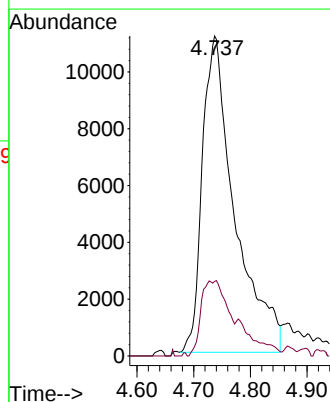
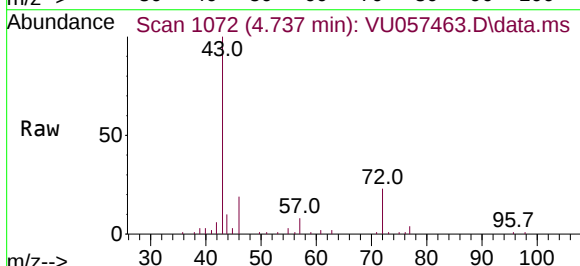
RT: 4.737 min Scan# 1072

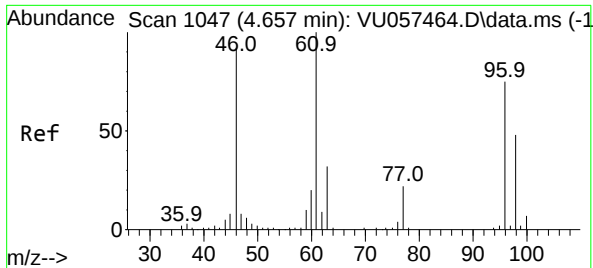
Delta R.T. 0.019 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

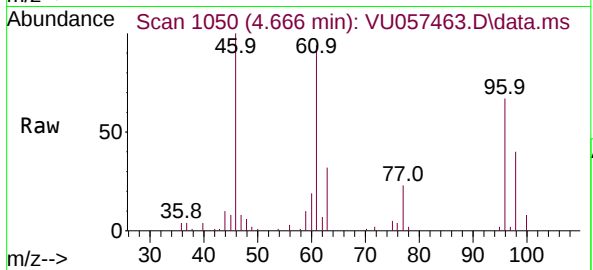
Tgt Ion:	43	Resp:	44214
Ion	Ratio	Lower	Upper
43	100		
72	8.9	12.7	38.0#



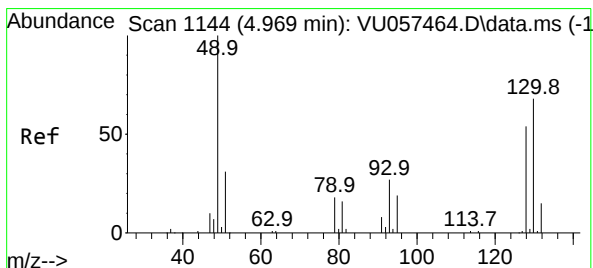
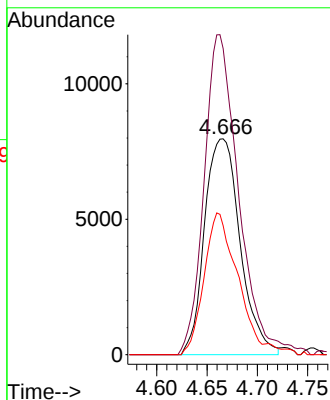
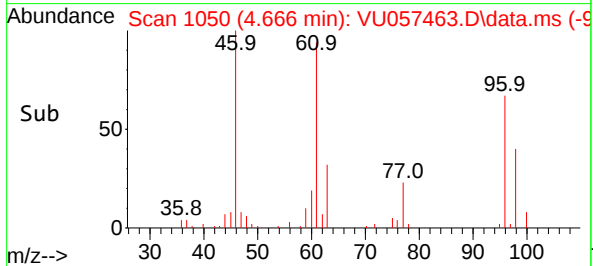


#22
cis-1,2-Dichloroethene
Concen: 0.923 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.009 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Instrument :
MSVOA_U
ClientSampleId :

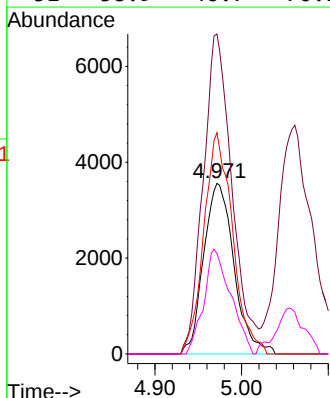
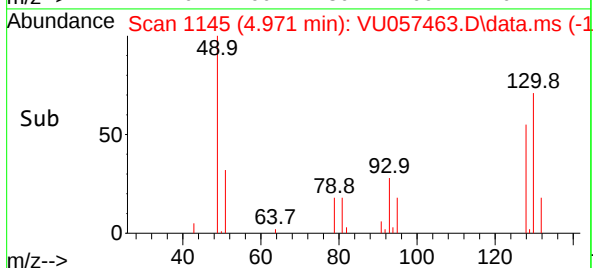
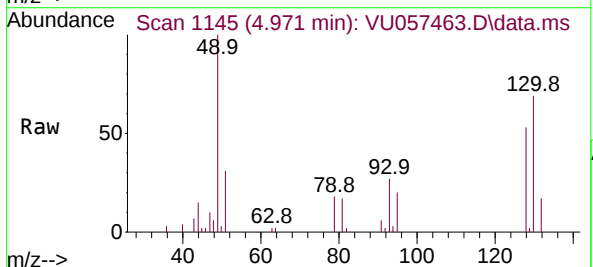


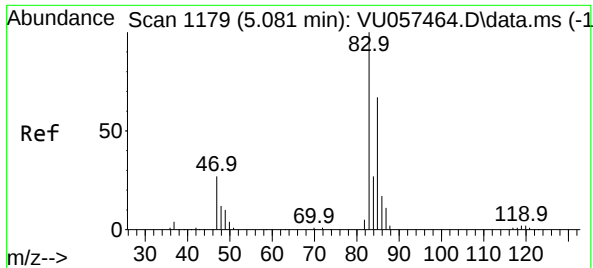
Tgt Ion:	96	Resp:	19636
Ion	Ratio	Lower	Upper
96	100		
61	141.8	93.4	173.4
98	59.7	44.9	83.3



#23
Bromochloromethane
Concen: 0.918 ug/L
RT: 4.971 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion:	128	Resp:	8653
Ion	Ratio	Lower	Upper
128	100		
49	193.3	130.3	241.9
130	129.7	88.8	165.0
51	58.9	46.7	70.1





#25

Chloroform

Concen: 0.963 ug/L

RT: 5.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

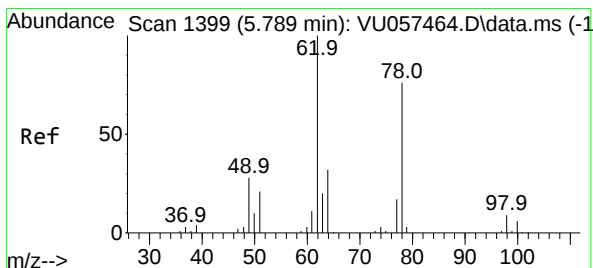
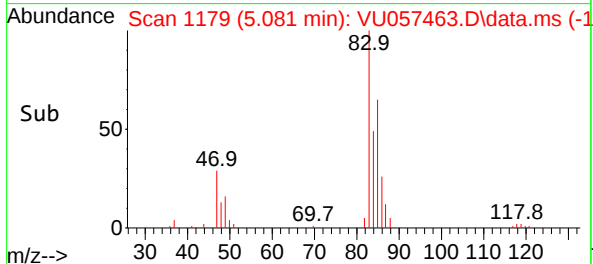
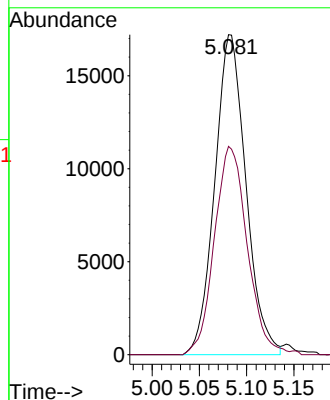
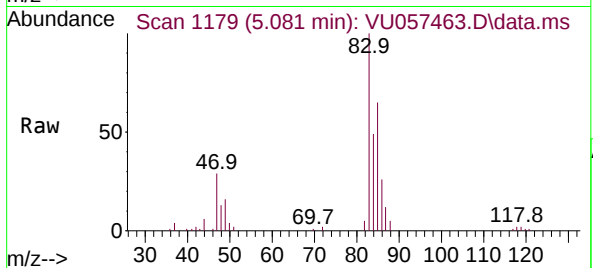
ClientSampleId :

Tgt Ion: 83 Resp: 39482

Ion Ratio Lower Upper

83 100

85 65.1 46.7 86.7



#27

1,2-Dichloroethane

Concen: 0.939 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VU057463.D

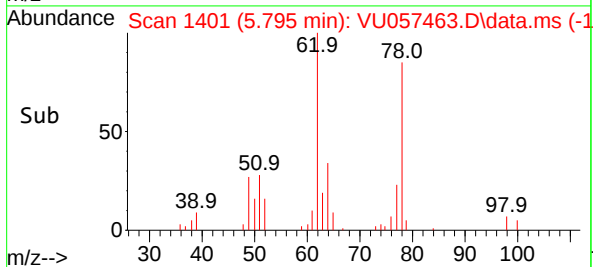
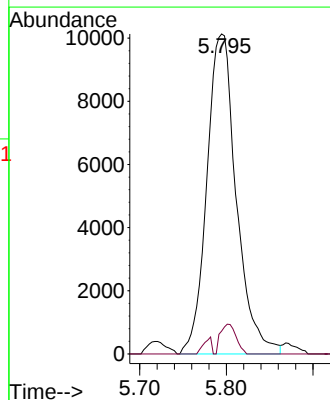
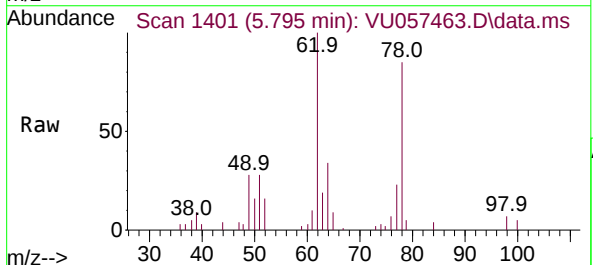
Acq: 11 Jan 2024 17:05

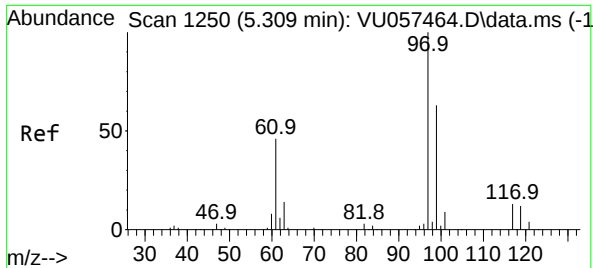
Tgt Ion: 62 Resp: 23983

Ion Ratio Lower Upper

62 100

98 7.1 7.4 11.0#

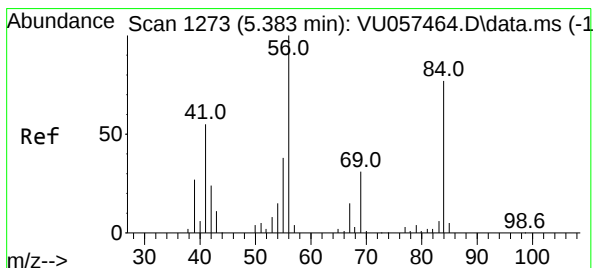
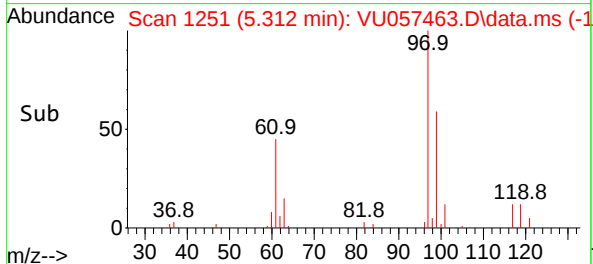
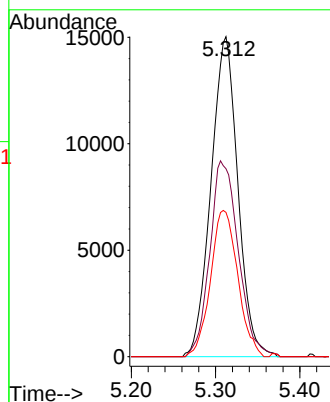
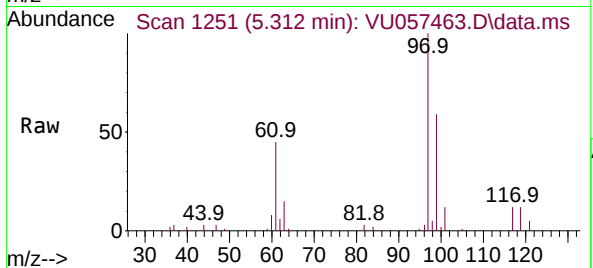




#29
1,1,1-Trichloroethane
Concen: 0.979 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

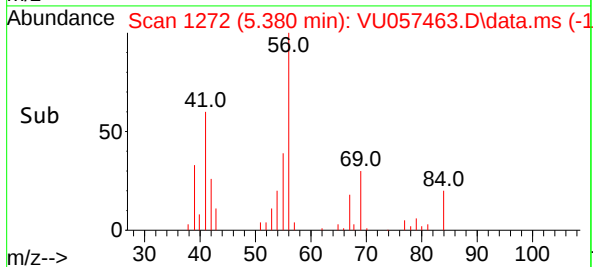
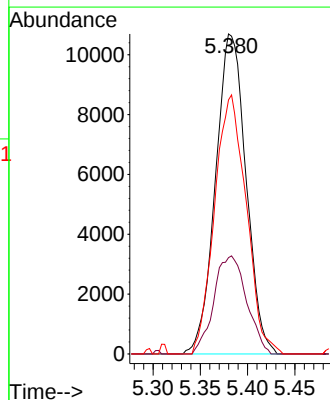
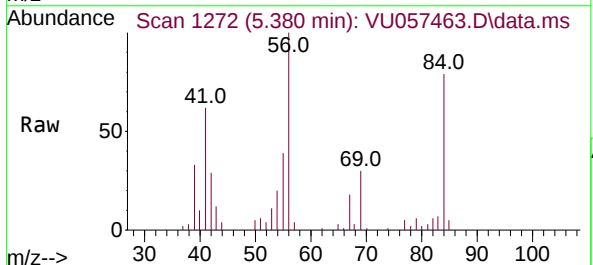
Instrument :
MSVOA_U
ClientSampleId :

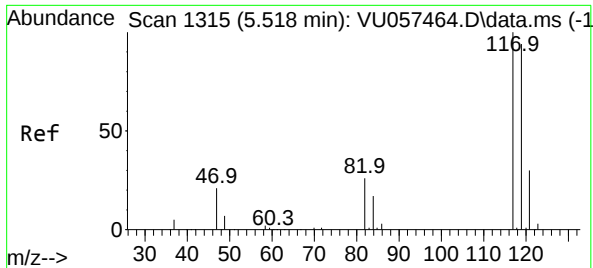
Tgt Ion: 97 Resp: 33284
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 46.3 36.9 55.3



#30
Cyclohexane
Concen: 0.927 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.004 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion: 56 Resp: 23974
Ion Ratio Lower Upper
56 100
69 32.9 24.1 36.1
84 84.0 64.8 97.2

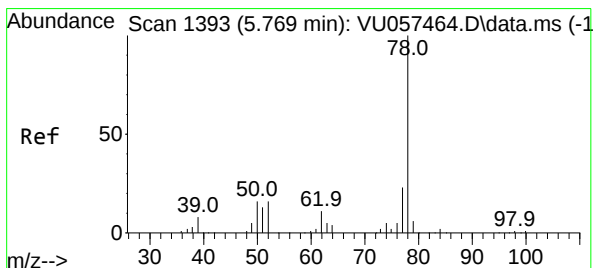
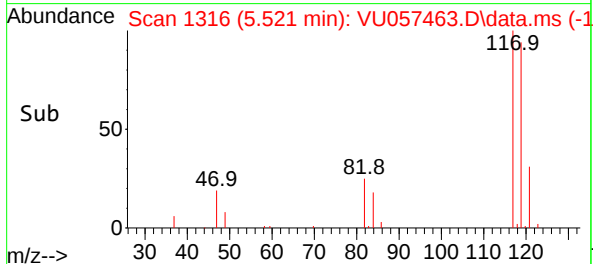
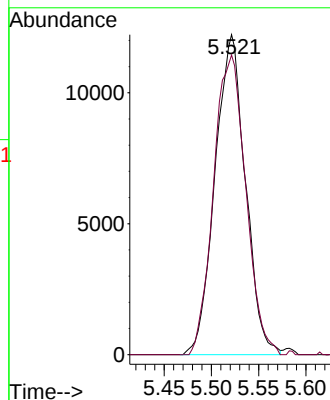
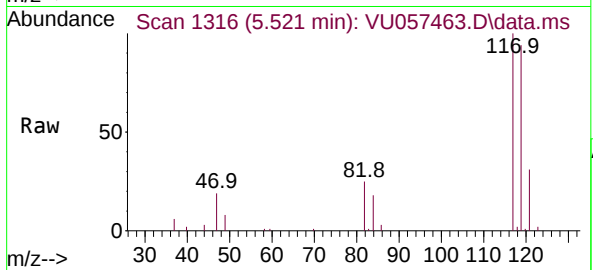




#31
Carbon tetrachloride
Concen: 0.961 ug/L
RT: 5.521 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

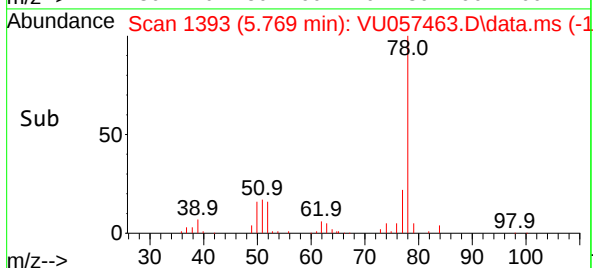
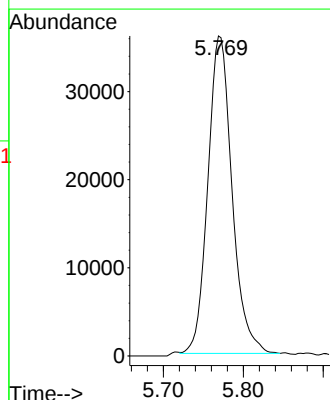
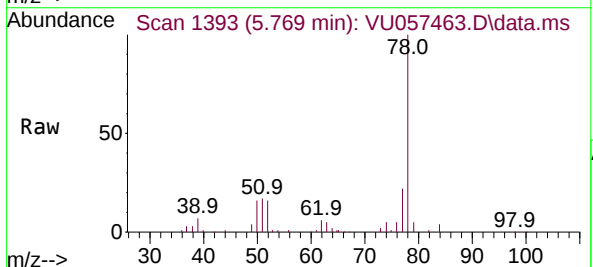
Instrument :
MSVOA_U
ClientSampleId :

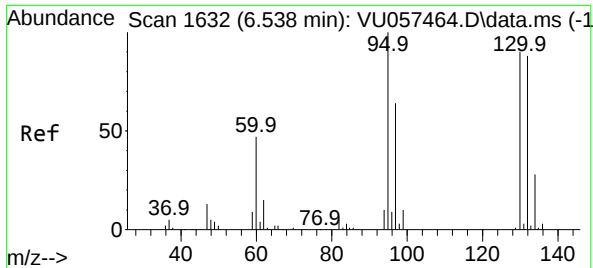
Tgt Ion:117 Resp: 27307
Ion Ratio Lower Upper
117 100
119 99.2 78.0 117.0



#33
Benzene
Concen: 0.971 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion: 78 Resp: 75852



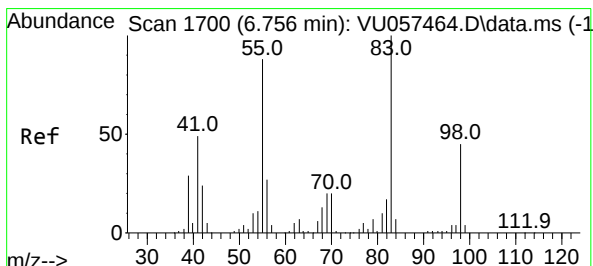
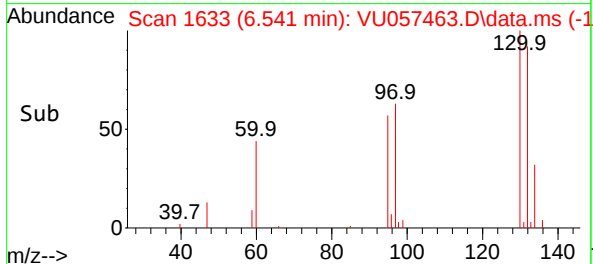
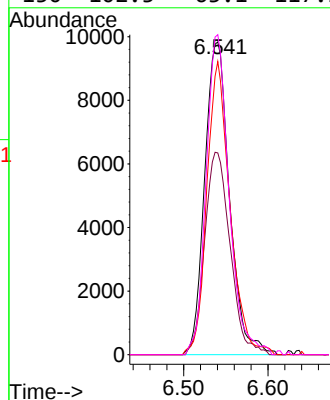
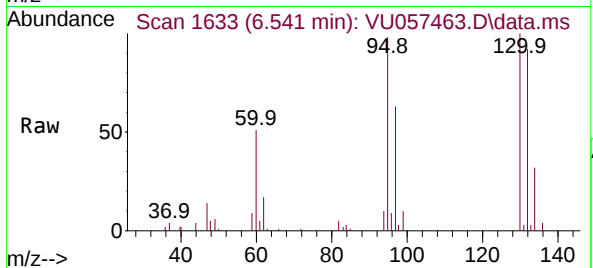


#34
Trichloroethene
Concen: 0.974 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 20193

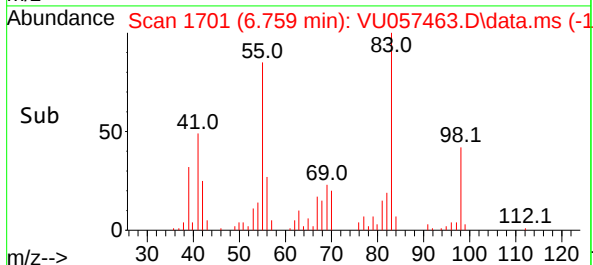
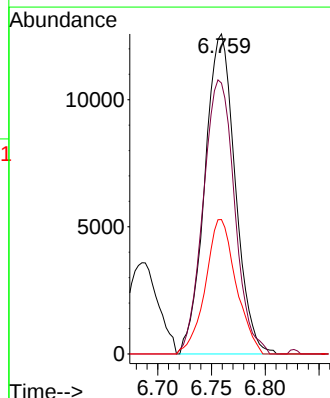
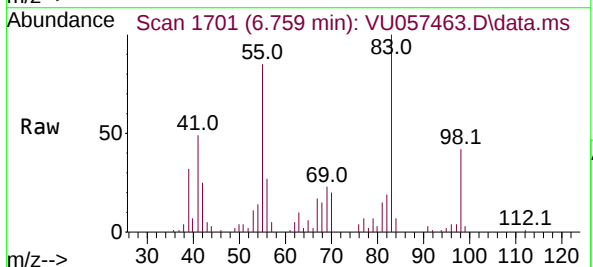
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.0	83.6
132	93.7	61.7	114.5
130	102.3	63.1	117.3

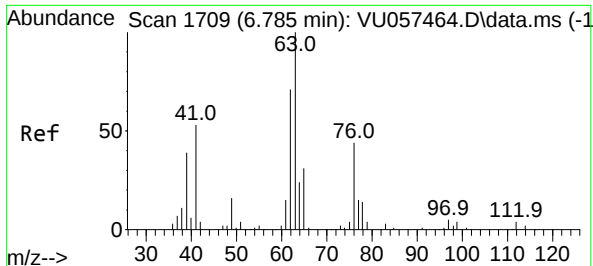


#35
Methylcyclohexane
Concen: 0.915 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion: 83 Resp: 24747

Ion	Ratio	Lower	Upper
83	100		
55	88.6	68.7	103.1
98	42.3	36.3	54.5





#37

1,2-Dichloropropane

Concen: 1.044 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

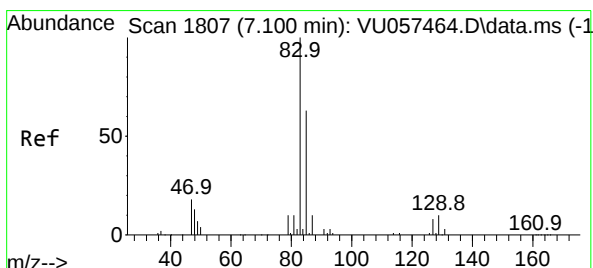
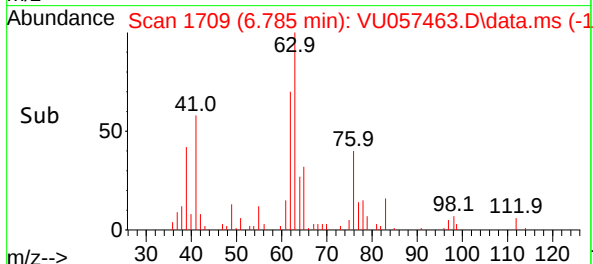
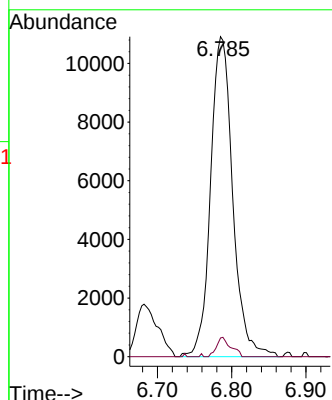
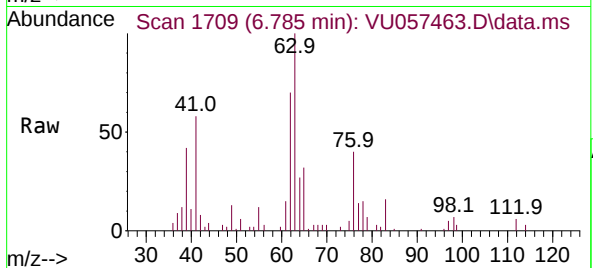
ClientSampleId :

Tgt Ion: 63 Resp: 22628

Ion Ratio Lower Upper

63 100

112 3.9 2.7 4.1



#38

Bromodichloromethane

Concen: 0.991 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

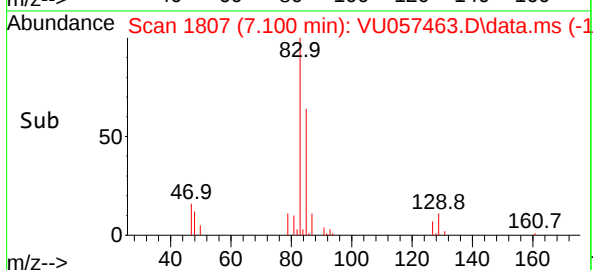
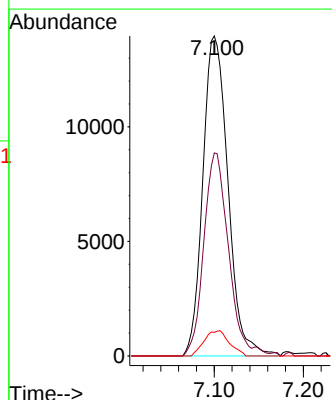
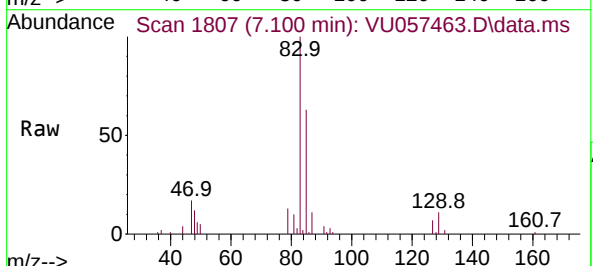
Tgt Ion: 83 Resp: 27370

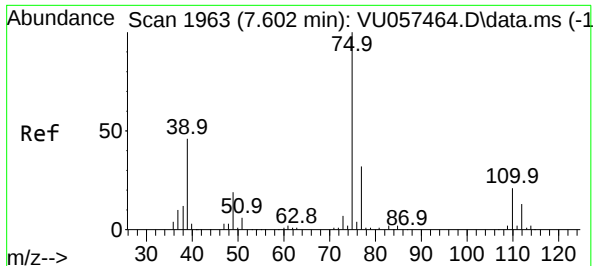
Ion Ratio Lower Upper

83 100

85 63.5 44.3 82.3

127 7.4 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 0.955 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

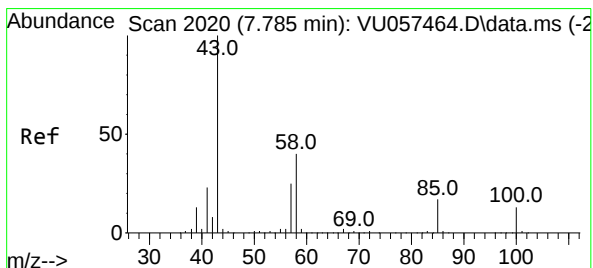
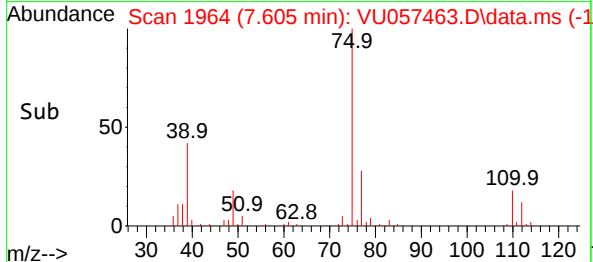
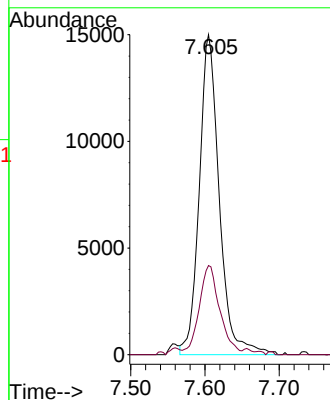
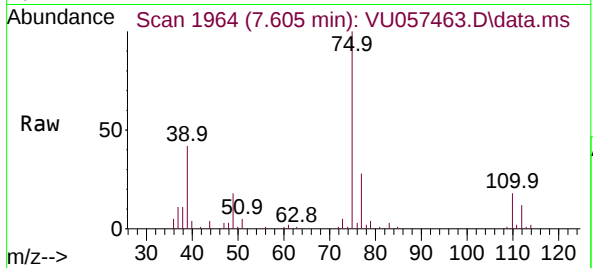
ClientSampleId :

Tgt Ion: 75 Resp: 28071

Ion Ratio Lower Upper

75 100

77 27.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 8.881 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

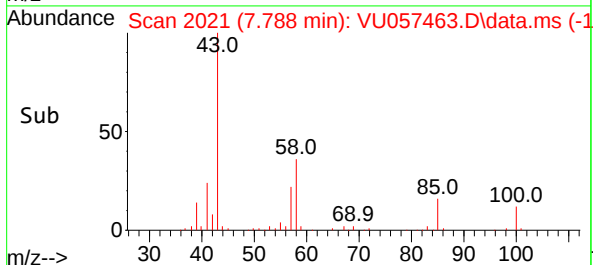
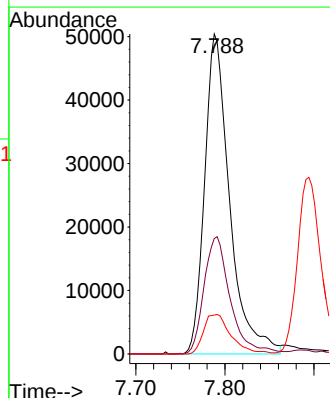
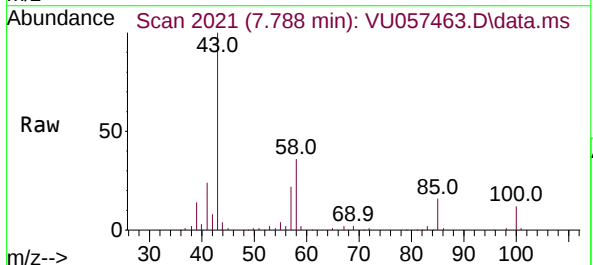
Tgt Ion: 43 Resp: 98238

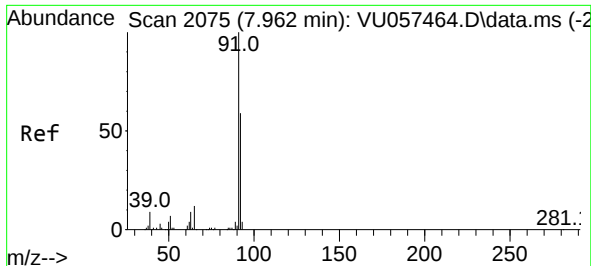
Ion Ratio Lower Upper

43 100

58 38.7 31.4 47.2

100 13.6 10.7 16.1





#42

Toluene

Concen: 0.782 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.006 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

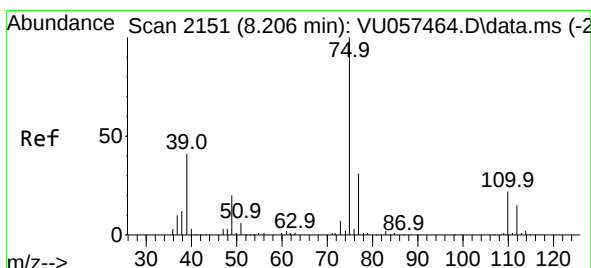
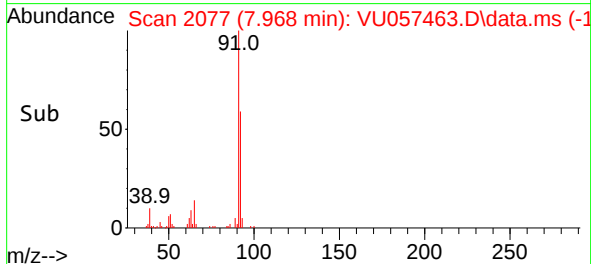
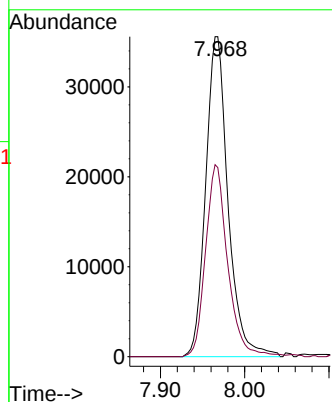
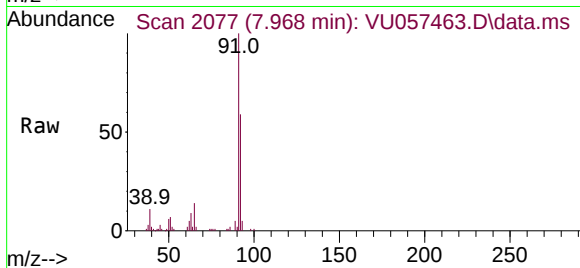
ClientSampleId :

Tgt Ion: 91 Resp: 65616

Ion Ratio Lower Upper

91 100

92 59.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 0.880 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU057463.D

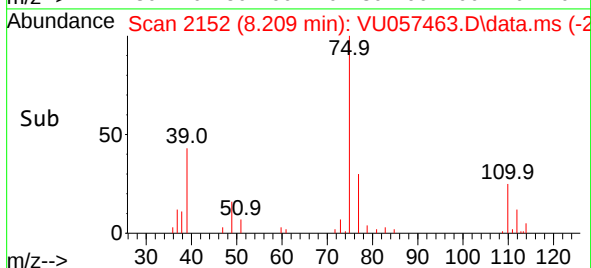
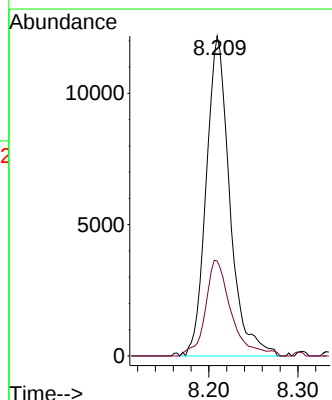
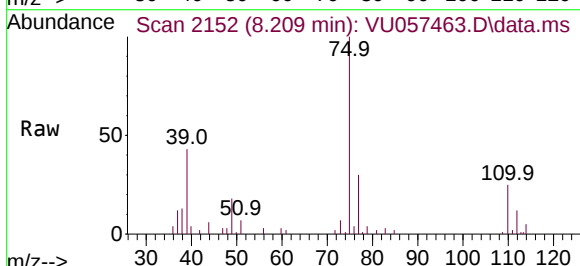
Acq: 11 Jan 2024 17:05

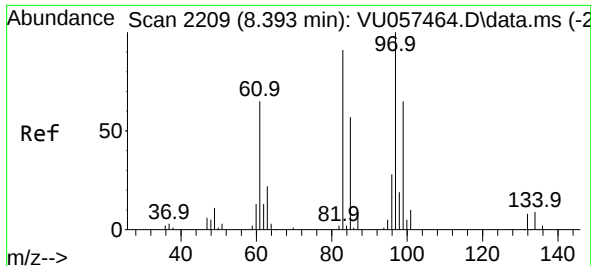
Tgt Ion: 75 Resp: 22376

Ion Ratio Lower Upper

75 100

77 29.7 22.1 41.1

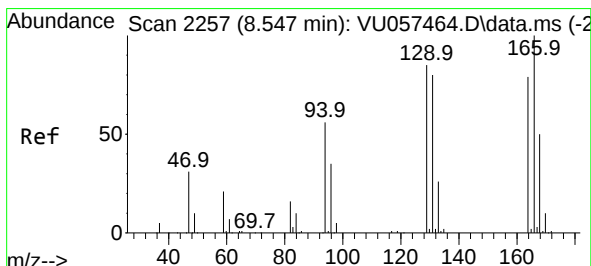
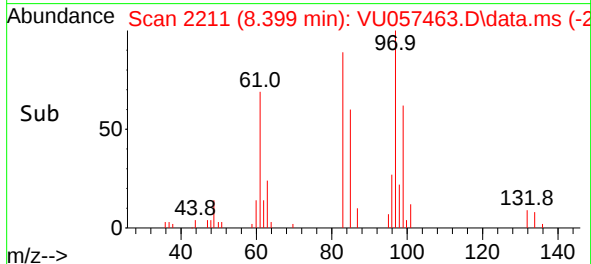
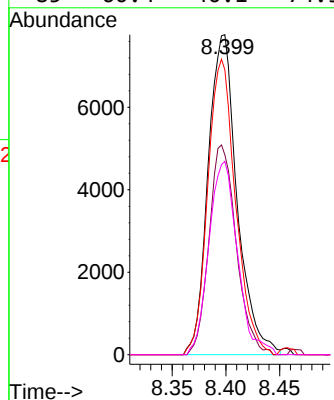
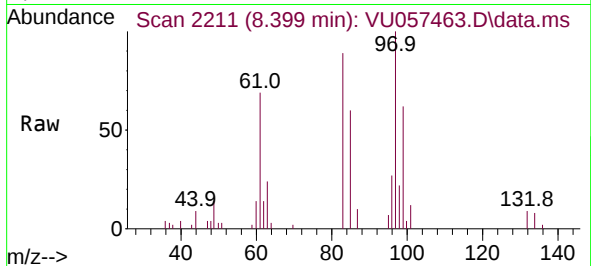




#45
1,1,2-Trichloroethane
Concen: 0.939 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

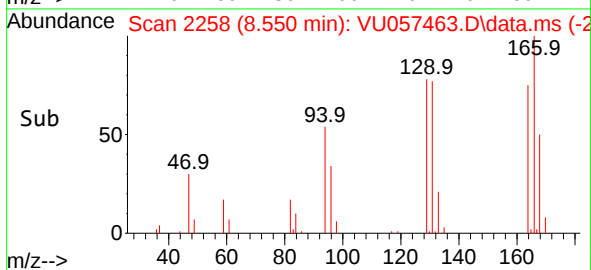
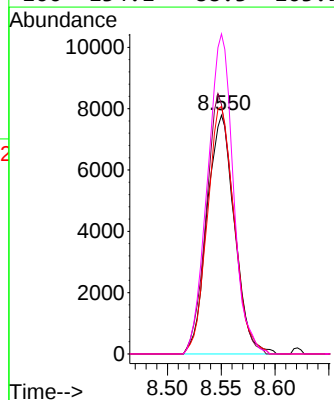
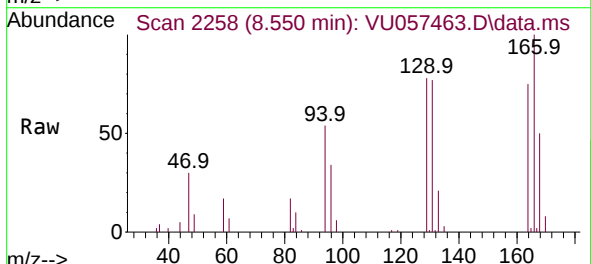
Instrument :
MSVOA_U
ClientSampleId :

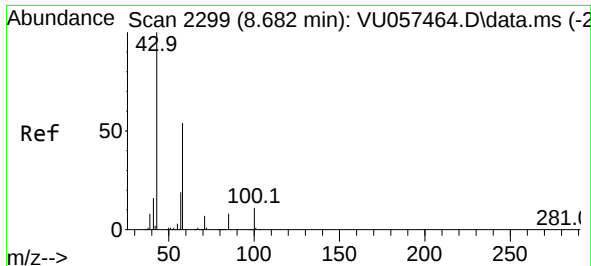
Tgt Ion:	97	Resp:	14570
Ion	Ratio	Lower	Upper
97	100		
99	62.5	45.5	84.5
83	89.0	63.8	118.6
85	60.4	40.1	74.5



#47
Tetrachloroethene
Concen: 0.959 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

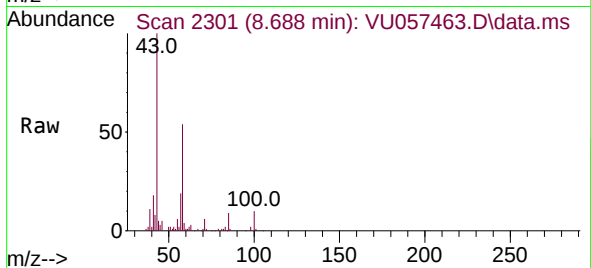
Tgt Ion:	164	Resp:	13862
Ion	Ratio	Lower	Upper
164	100		
129	104.5	74.8	138.8
131	103.7	70.3	130.7
166	134.1	88.3	163.9



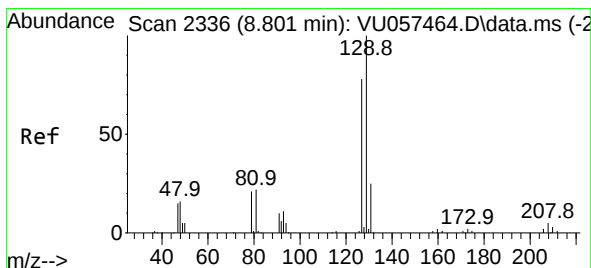
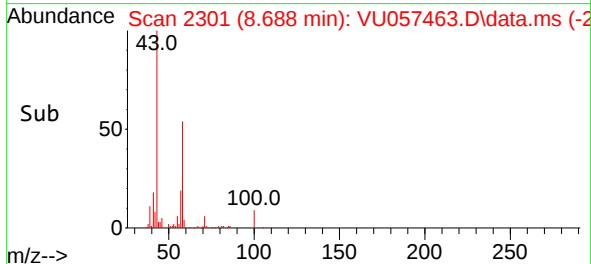
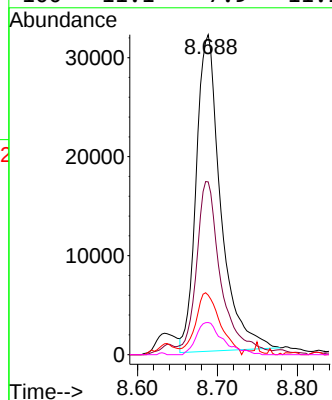


#48
2-Hexanone
Concen: 8.473 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Instrument :
MSVOA_U
ClientSampleId :

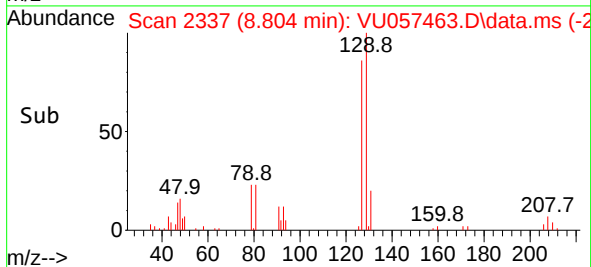
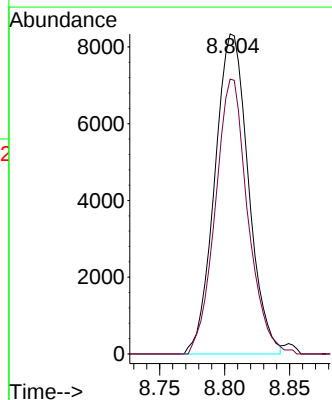
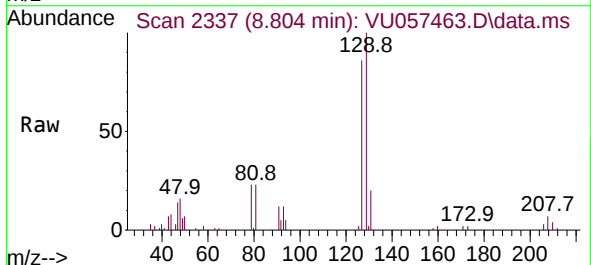


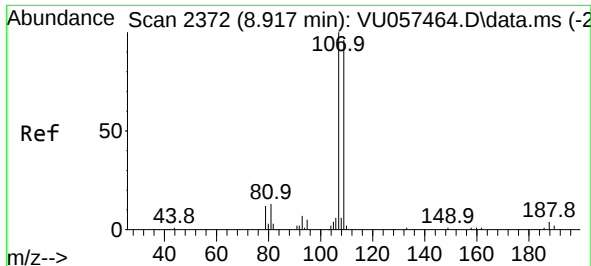
Tgt Ion: 43 Resp: 68243
Ion Ratio Lower Upper
43 100
58 54.9 43.1 64.7
57 19.6 15.5 23.3
100 11.1 7.9 11.9



#49
Dibromochloromethane
Concen: 0.872 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion: 129 Resp: 15024
Ion Ratio Lower Upper
129 100
127 85.9 54.7 101.7





#50

1,2-Dibromoethane

Concen: 0.811 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057463.D

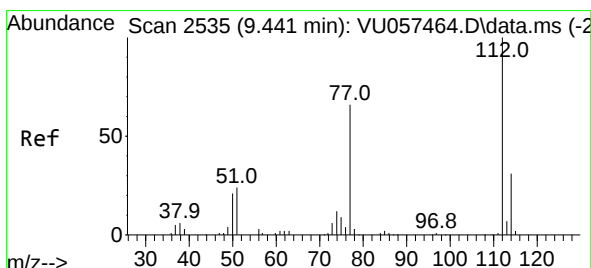
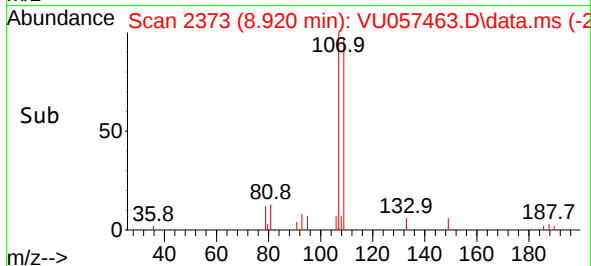
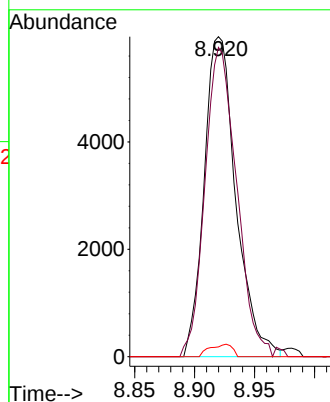
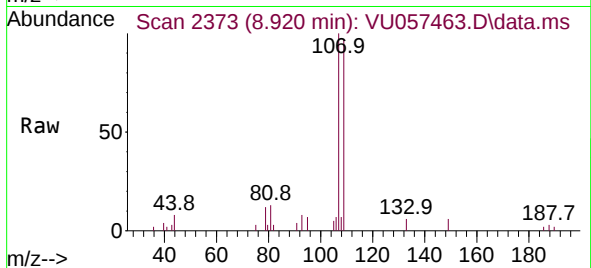
Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	10996
Ion	Ratio	Lower	Upper
107	100		
109	96.6	67.1	124.7
188	3.1	3.0	4.4



#51

Chlorobenzene

Concen: 1.044 ug/L

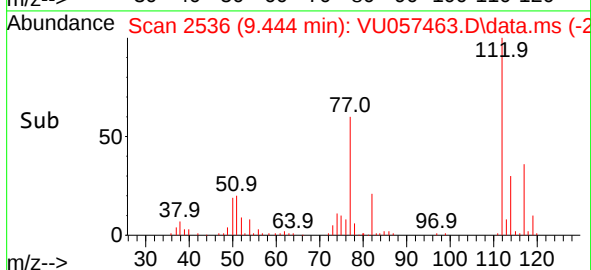
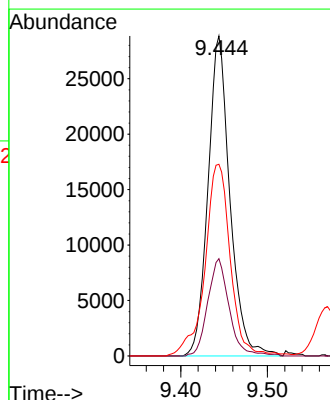
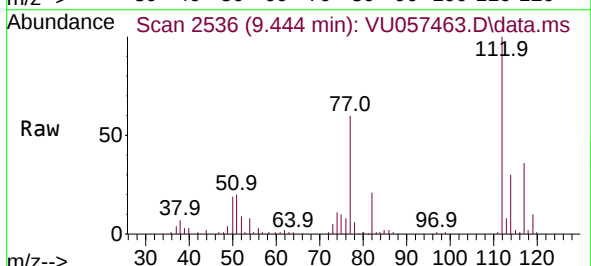
RT: 9.444 min Scan# 2536

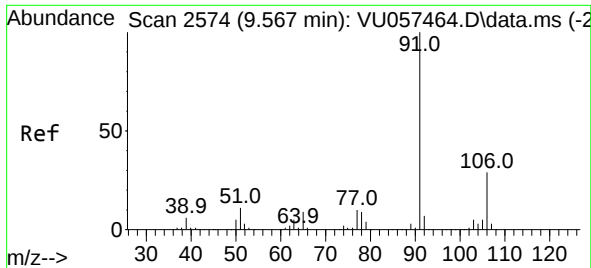
Delta R.T. 0.003 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Tgt Ion:	112	Resp:	50705
Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.0	40.8
77	59.9	53.4	80.0

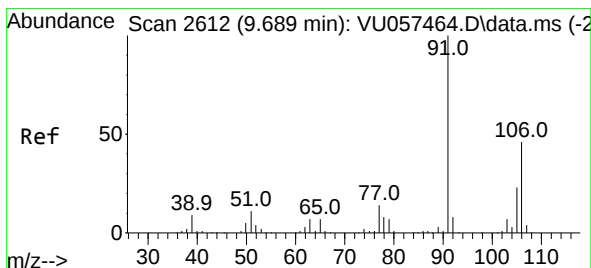
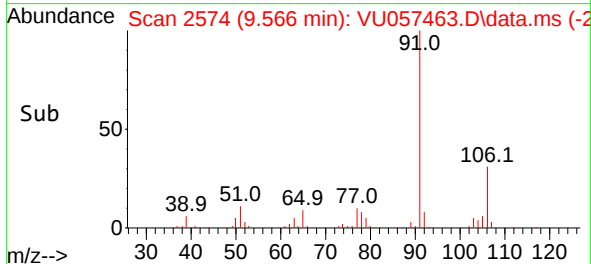
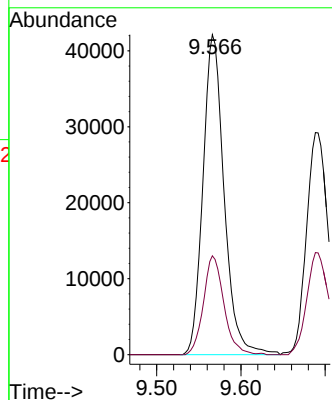
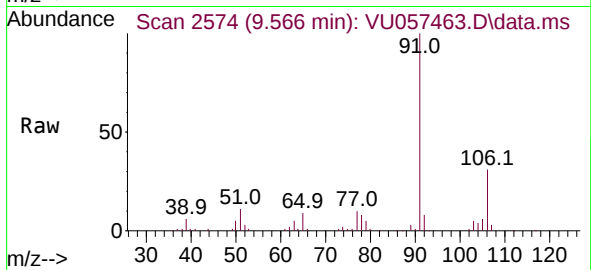




#52
Ethylbenzene
Concen: 0.920 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

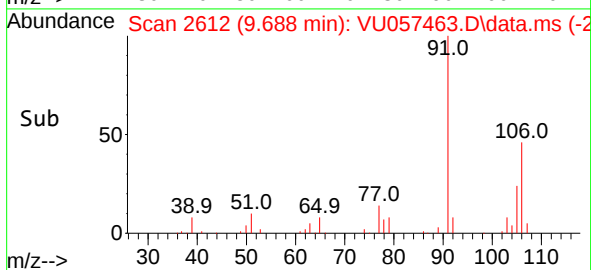
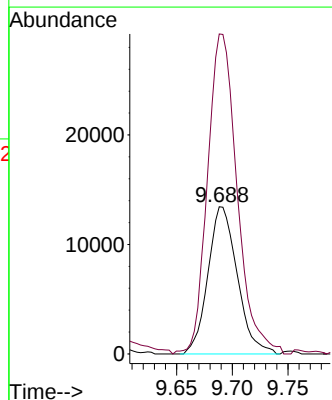
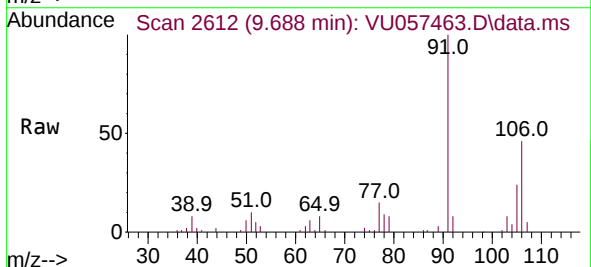
Instrument :
MSVOA_U
ClientSampleId :

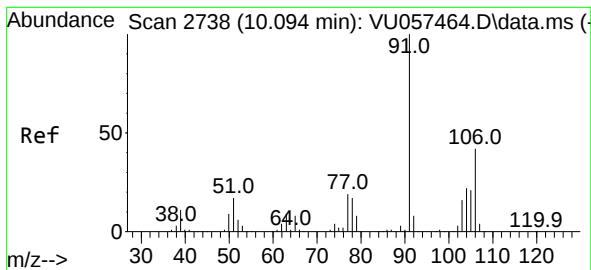
Tgt Ion: 91 Resp: 73670
Ion Ratio Lower Upper
91 100
106 30.9 20.5 38.1



#53
m,p-Xylene
Concen: 0.813 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion:106 Resp: 24609
Ion Ratio Lower Upper
106 100
91 217.4 153.4 285.0





#54

o-Xylene

Concen: 0.841 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

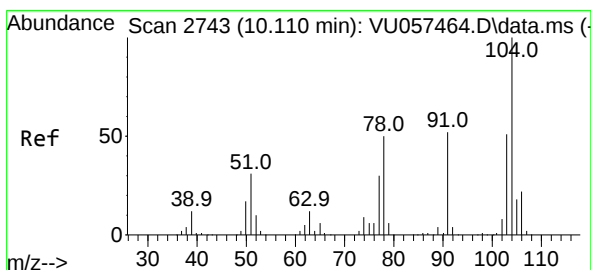
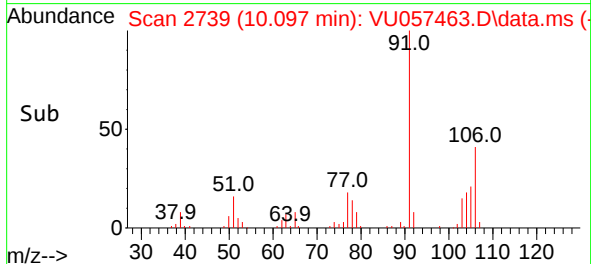
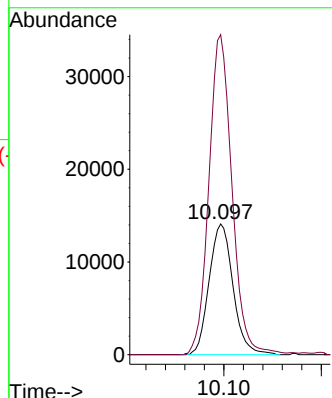
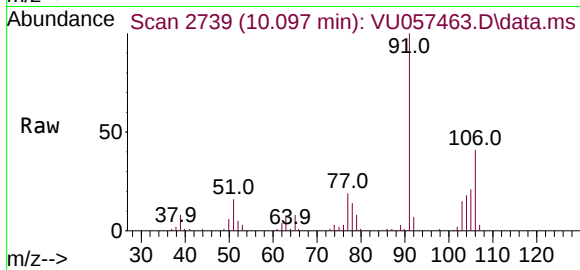
ClientSampleId :

Tgt Ion:106 Resp: 24057

Ion Ratio Lower Upper

106 100

91 244.9 165.1 306.5



#55

Styrene

Concen: 0.757 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU057463.D

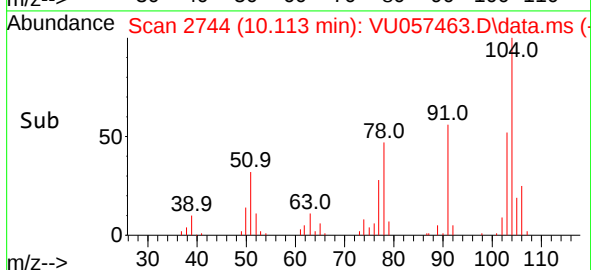
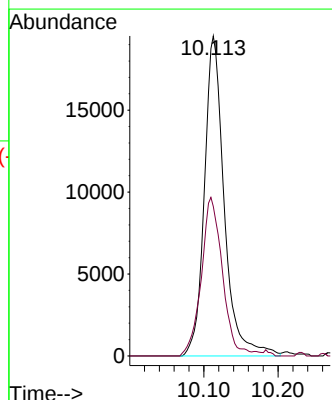
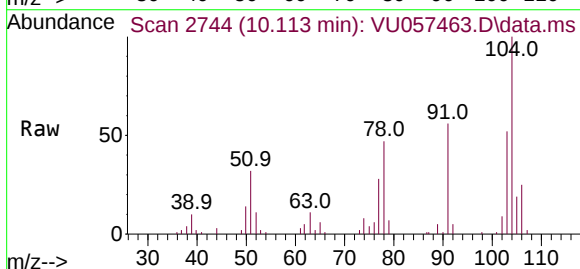
Acq: 11 Jan 2024 17:05

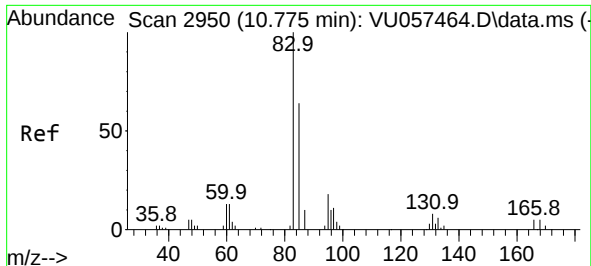
Tgt Ion:104 Resp: 36249

Ion Ratio Lower Upper

104 100

78 46.7 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.965 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

ClientSampleId :

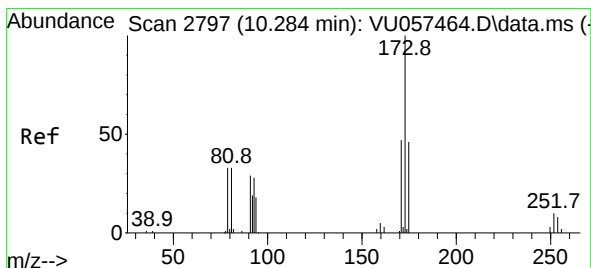
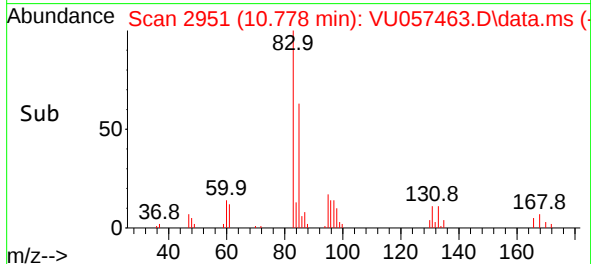
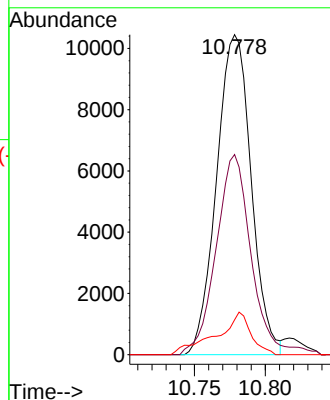
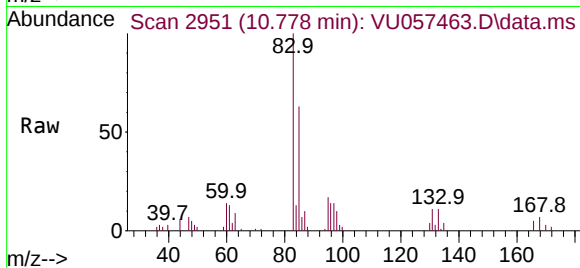
Tgt Ion: 83 Resp: 17793

Ion Ratio Lower Upper

83 100

85 62.6 45.1 83.9

131 10.9 6.7 10.1#



#59

Bromoform

Concen: 1.011 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

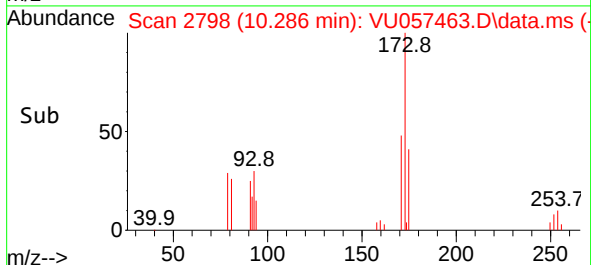
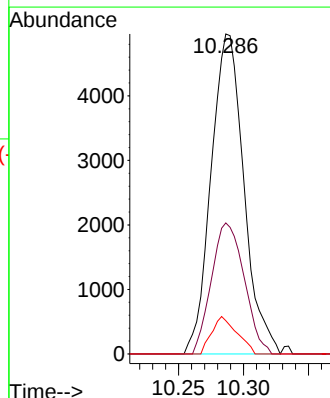
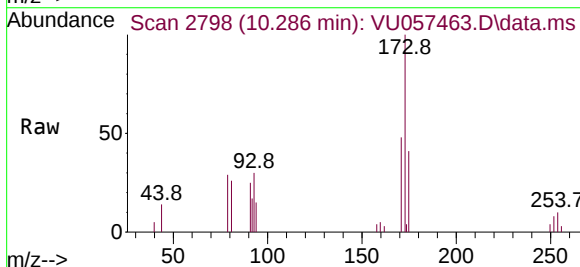
Tgt Ion:173 Resp: 8697

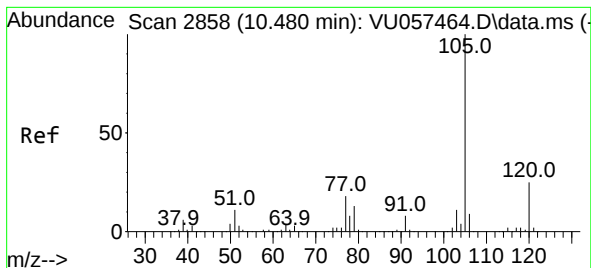
Ion Ratio Lower Upper

173 100

175 40.9 38.3 57.5

254 9.0 6.6 9.8





#60

Isopropylbenzene

Concen: 0.922 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057463.D

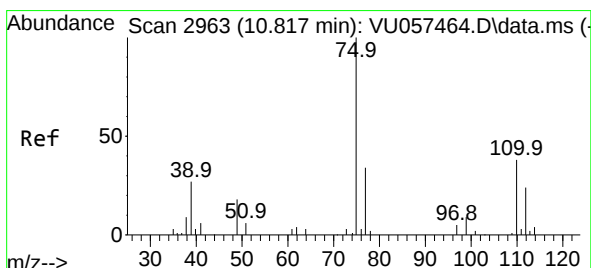
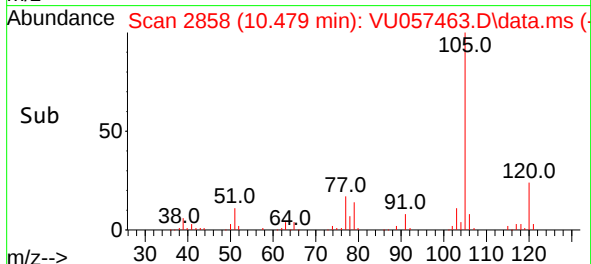
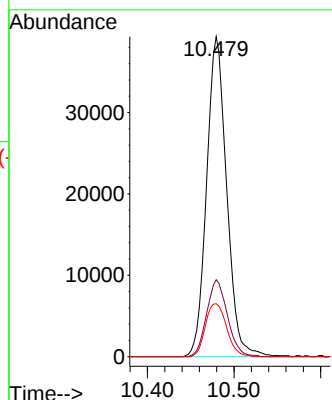
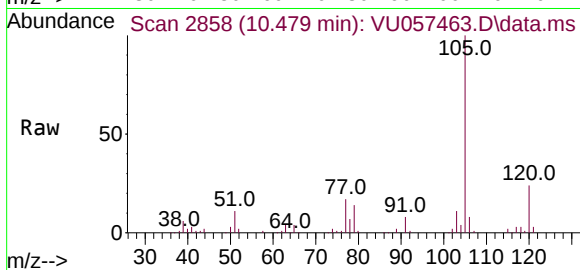
Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	63279
Ion Ratio	Lower	Upper	
105	100		
120	24.8	19.4	29.2
77	17.5	14.4	21.6



#61

1,2,3-Trichloropropane

Concen: 1.050 ug/L

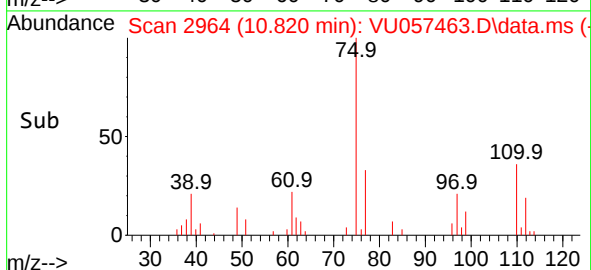
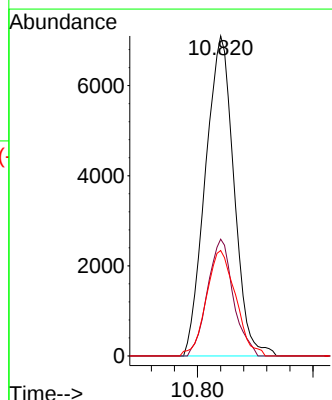
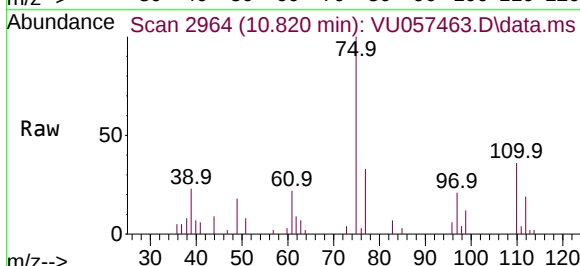
RT: 10.820 min Scan# 2964

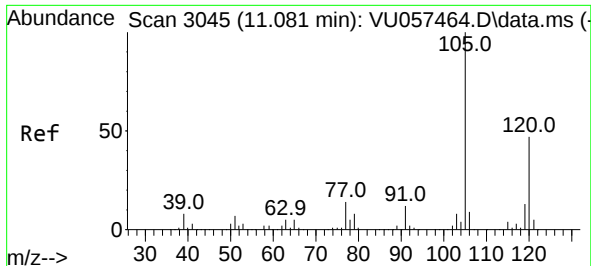
Delta R.T. 0.003 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Tgt Ion:	75	Resp:	12199
Ion Ratio	Lower	Upper	
75	100		
110	33.0	29.4	44.0
77	33.7	26.2	39.4





#62

1,3,5-Trimethylbenzene

Concen: 0.766 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

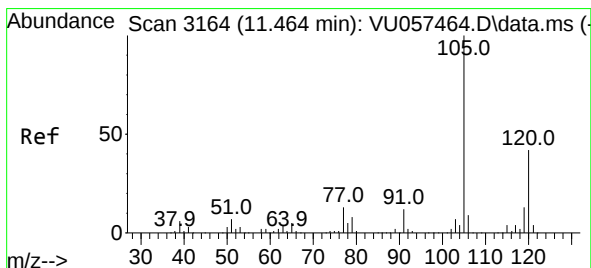
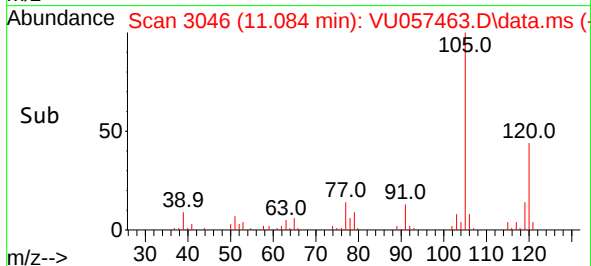
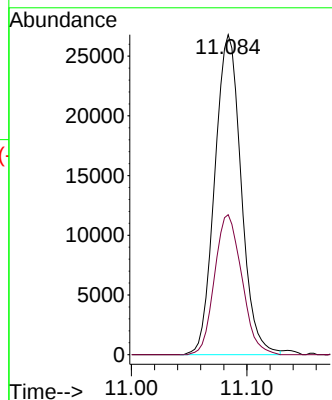
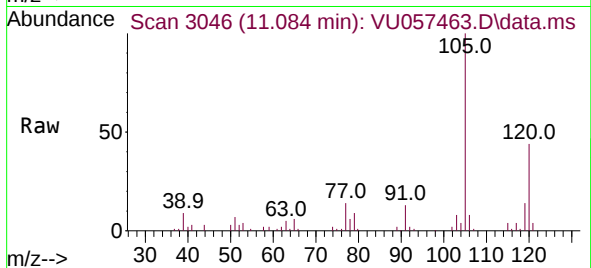
ClientSampleId :

Tgt Ion:105 Resp: 42555

Ion Ratio Lower Upper

105 100

120 45.1 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 0.730 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU057463.D

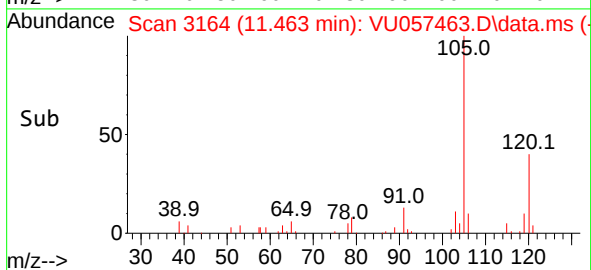
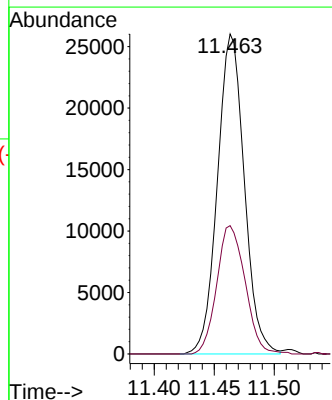
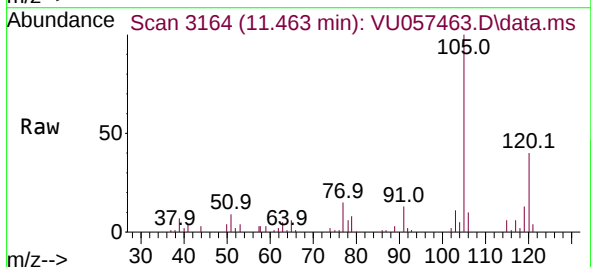
Acq: 11 Jan 2024 17:05

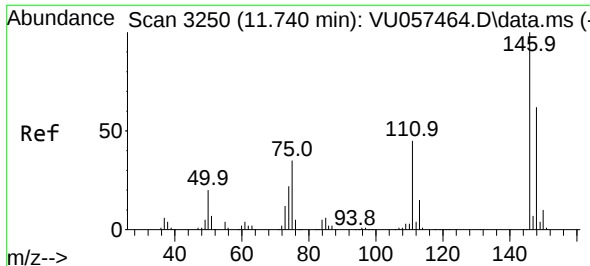
Tgt Ion:105 Resp: 40465

Ion Ratio Lower Upper

105 100

120 42.3 33.8 50.8

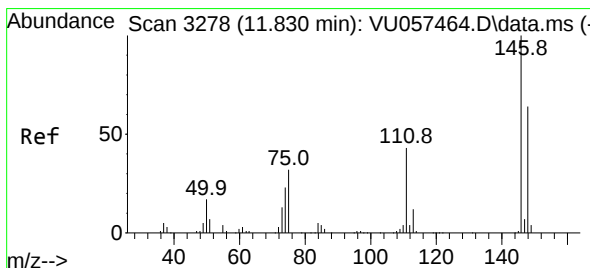
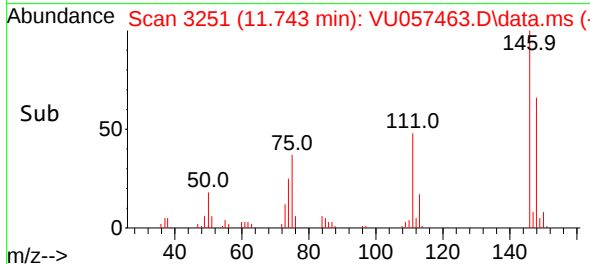
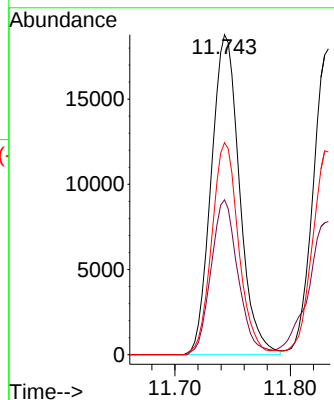
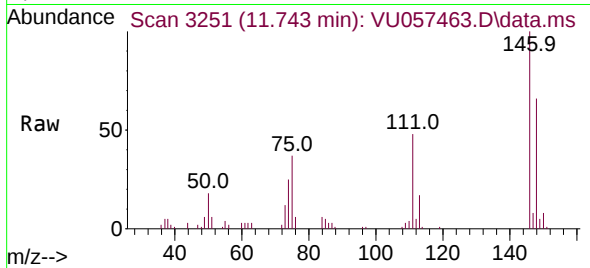




#64
1,3-Dichlorobenzene
Concen: 0.939 ug/L
RT: 11.743 min Scan# 31905
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

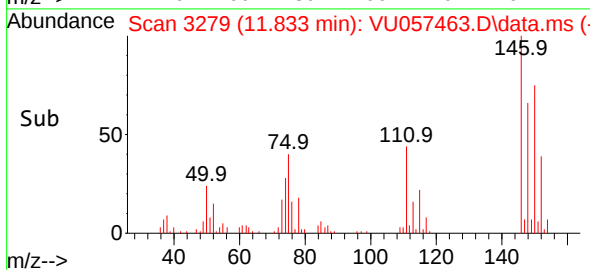
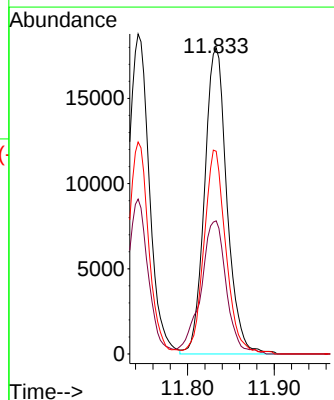
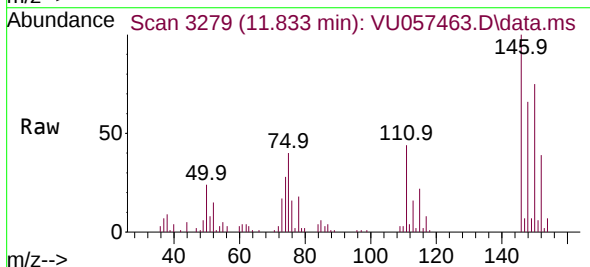
Instrument :
MSVOA_U
ClientSampleId :

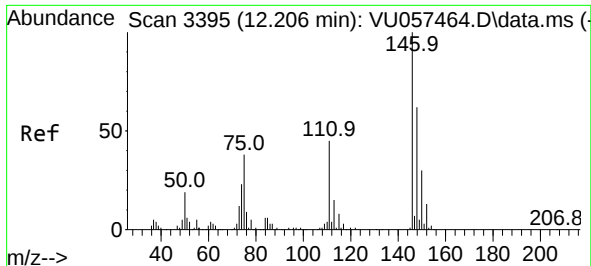
Tgt Ion:146 Resp: 31905
Ion Ratio Lower Upper
146 100
111 48.4 31.1 57.9
148 66.2 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 0.941 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion:146 Resp: 32307
Ion Ratio Lower Upper
146 100
111 43.5 30.3 56.3
148 66.2 44.7 83.1

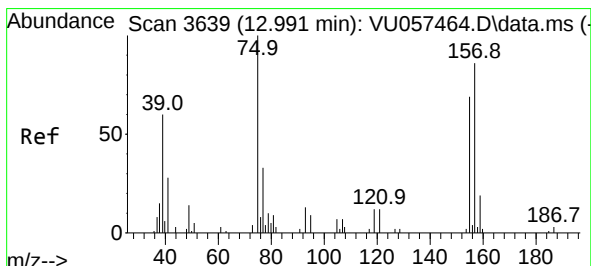
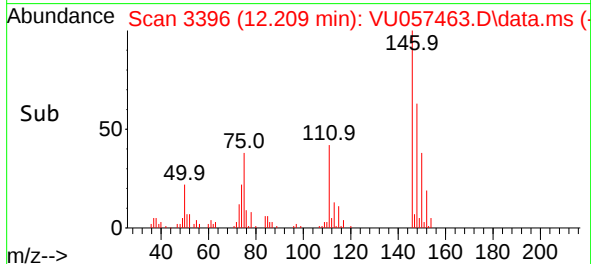
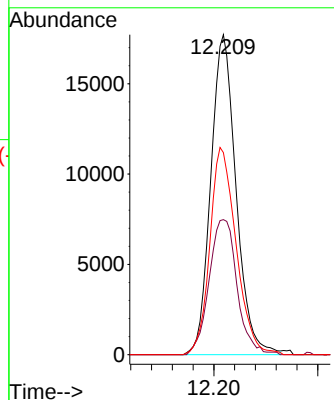
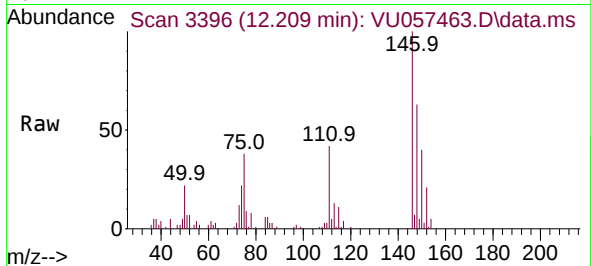




#67
1,2-Dichlorobenzene
Concen: 0.918 ug/L
RT: 12.209 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

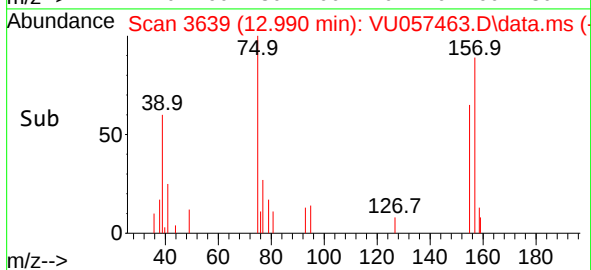
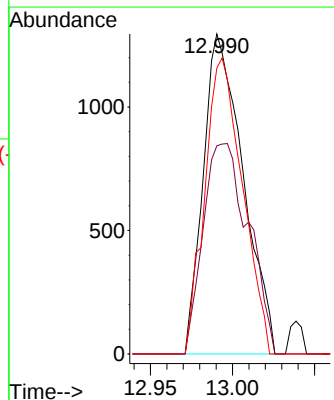
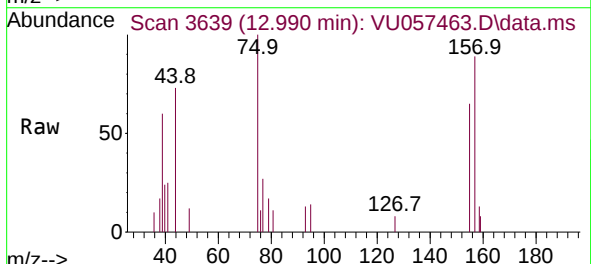
Instrument :
MSVOA_U
ClientSampleId :

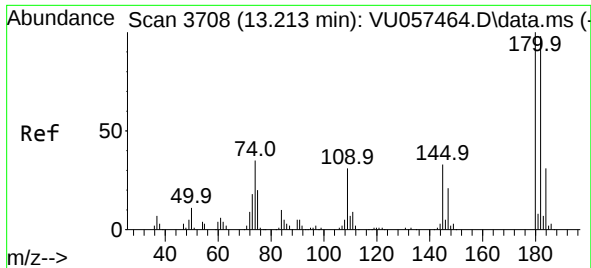
Tgt Ion:146 Resp: 29907
Ion Ratio Lower Upper
146 100
111 42.2 36.2 54.4
148 63.2 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.843 ug/L
RT: 12.990 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion: 75 Resp: 2182
Ion Ratio Lower Upper
75 100
155 65.0 55.4 83.0
157 89.4 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 0.927 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.006 min

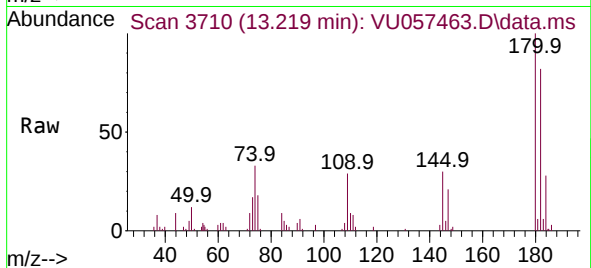
Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 22407

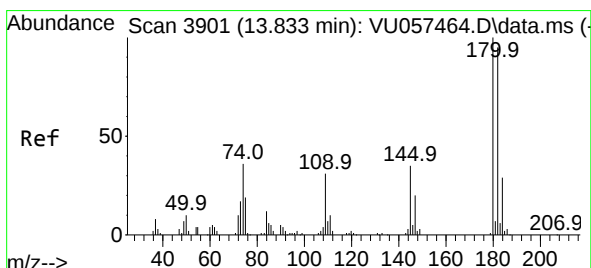
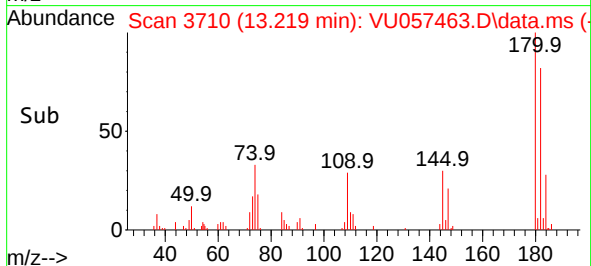
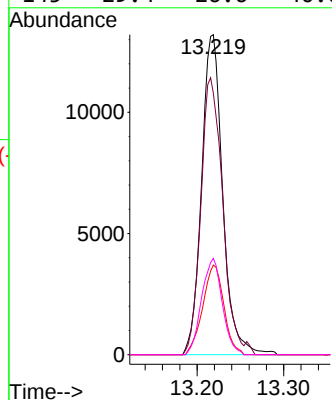
Ion Ratio Lower Upper

180 100

182 89.4 76.6 115.0

184 27.9 24.6 37.0

145 29.4 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 0.640 ug/L

RT: 13.842 min Scan# 3904

Delta R.T. 0.009 min

Lab File: VU057463.D

Acq: 11 Jan 2024 17:05

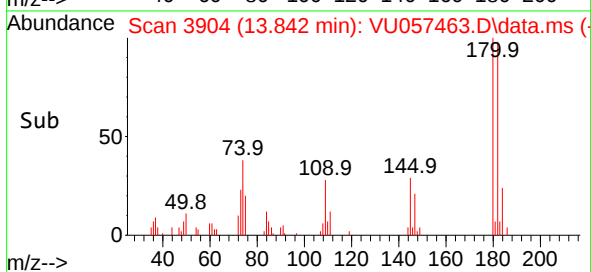
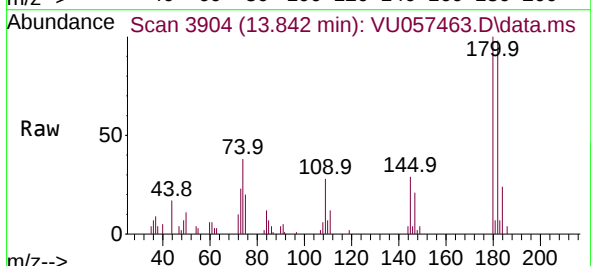
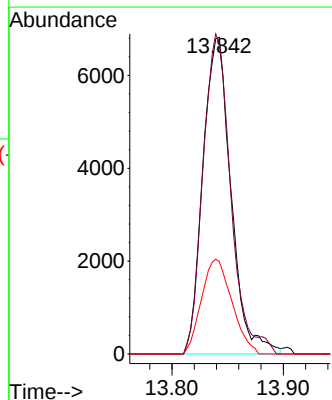
Tgt Ion:180 Resp: 11980

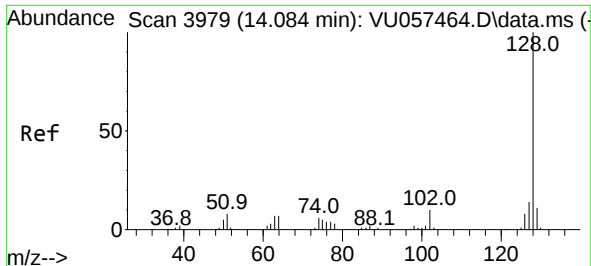
Ion Ratio Lower Upper

180 100

182 99.4 77.1 115.7

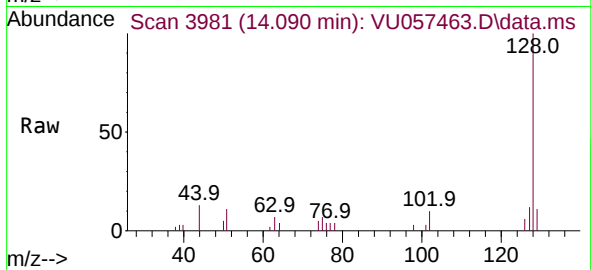
145 32.3 27.6 41.4



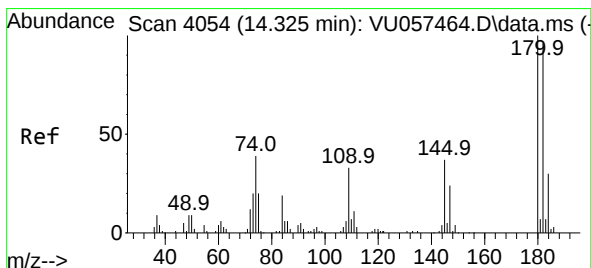
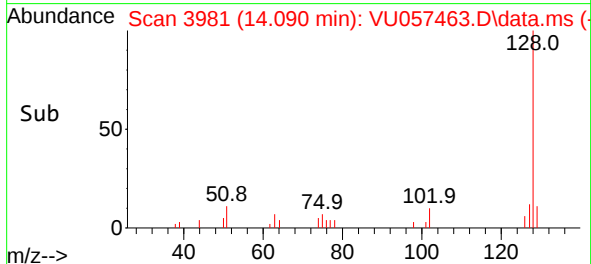
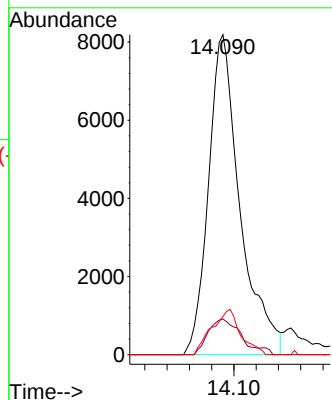


#71
Naphthalene
Concen: 0.572 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.006 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 16114
Ion Ratio Lower Upper
128 100
129 11.8 8.5 12.7
127 12.9 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 0.651 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU057463.D
Acq: 11 Jan 2024 17:05

Tgt Ion:180 Resp: 10275
Ion Ratio Lower Upper
180 100
182 92.6 77.0 115.6
145 35.4 30.0 45.0

