

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057566.D
 Acq On : 23 Jan 2024 12:39
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:28:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	72487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	66227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	31271	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	4187	0.629	ug/L	0.00
7) Chloroethane-d5	1.914	69	3493	0.672	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.567	65	1904	0.664	ug/L	0.00
20) 2-Butanone-d5	4.657	46	7030	5.536	ug/L	0.02
24) Chloroform-d	5.059	84	8043	0.682	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	3737	0.662	ug/L	0.00
32) Benzene-d6	5.724	84	15481	0.716	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	4691	0.696	ug/L	0.00
41) Toluene-d8	7.898	98	14986	0.815	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	1784	0.749	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	5375	6.351	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	3095	0.656	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	4352	0.733	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	5795	1.158	ug/L	95
3) Chloromethane	1.518	50	5709	0.915	ug/L	96
5) Vinyl chloride	1.602	62	6180	1.094	ug/L	95
6) Bromomethane	1.856	94	3231	1.011	ug/L	93
8) Chloroethane	1.933	64	3727	1.069	ug/L	96
9) Trichlorofluoromethane	2.139	101	9037	1.149	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	5304	1.085	ug/L	96
12) 1,1-Dichloroethene	2.580	96	4984	1.125	ug/L	99
13) Acetone	2.663	43	6359	7.734	ug/L	99
14) Carbon disulfide	2.792	76	15965	1.246	ug/L	98
15) Methyl Acetate	2.965	43	1843	0.990	ug/L #	75
16) Methylene chloride	3.043	84	5151	0.893	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	11483	1.056	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	5095	1.150	ug/L	99
19) 1,1-Dichloroethane	3.866	63	9516	0.995	ug/L	97
21) 2-Butanone	4.734	43	9113	7.873	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	5497	1.081	ug/L	92
23) Bromochloromethane	4.975	128	2184	1.006	ug/L	99
25) Chloroform	5.084	83	10161	1.018	ug/L	99
27) 1,2-Dichloroethane	5.792	62	5875	0.980	ug/L	96
29) 1,1,1-Trichloroethane	5.313	97	9109	1.115	ug/L	96
30) Cyclohexane	5.383	56	9014	1.302	ug/L	97
31) Carbon tetrachloride	5.522	117	7965	1.153	ug/L	100
33) Benzene	5.772	78	21140	1.090	ug/L	100
34) Trichloroethene	6.541	95	5848	1.137	ug/L	97
35) Methylcyclohexane	6.759	83	9534	1.323	ug/L	96
37) 1,2-Dichloropropane	6.788	63	5272	0.976	ug/L #	93
38) Bromodichloromethane	7.103	83	6977	1.053	ug/L	98
39) cis-1,3-Dichloropropene	7.608	75	7951	1.074	ug/L	98
40) 4-Methyl-2-pentanone	7.792	43	24698	9.440	ug/L	97
42) Toluene	7.968	91	22601	1.165	ug/L	96
44) trans-1,3-Dichloropropene	8.213	75	6666	1.112	ug/L	100

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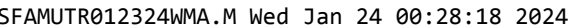
Quant Time: Jan 24 00:28:09 2024
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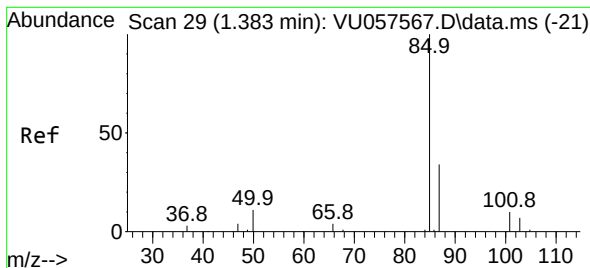
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	3333	0.963	ug/L	96
47) Tetrachloroethene	8.550	164	4359	1.236	ug/L	98
48) 2-Hexanone	8.689	43	16311	8.578	ug/L	98
49) Dibromochloromethane	8.808	129	4364	1.111	ug/L	96
50) 1,2-Dibromoethane	8.920	107	3214	1.074	ug/L #	93
51) Chlorobenzene	9.444	112	14376	1.122	ug/L	97
52) Ethylbenzene	9.570	91	24893	1.165	ug/L	98
53) m,p-Xylene	9.692	106	9382	1.224	ug/L	100
54) o-Xylene	10.097	106	8991	1.206	ug/L	99
55) Styrene	10.113	104	13119	1.094	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.779	83	4038	0.926	ug/L	95
59) Bromoform	10.287	173	2190	0.986	ug/L #	97
60) Isopropylbenzene	10.483	105	22672	1.147	ug/L	99
61) 1,2,3-Trichloropropane	10.824	75	2801	0.922	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	20470	1.303	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	20320	1.295	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	10379	1.122	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	9982	1.090	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	9260	1.087	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.997	75	445	0.782	ug/L	98
69) 1,3,5-Trichlorobenzene	13.219	180	7276	1.138	ug/L	100
70) 1,2,4-trichlorobenzene	13.840	180	4862	1.105	ug/L	94
71) Naphthalene	14.090	128	6769	1.077	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.325	180	3897	1.080	ug/L	99

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

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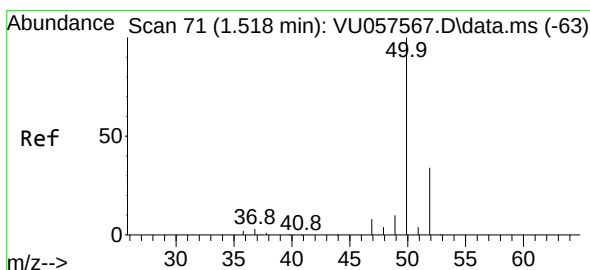
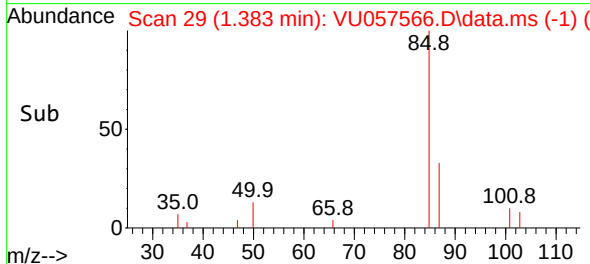
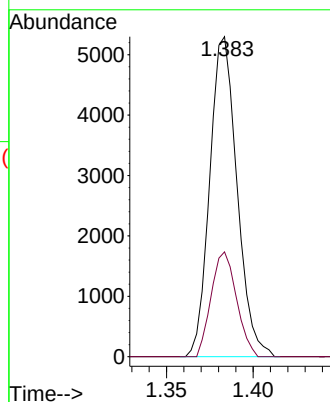
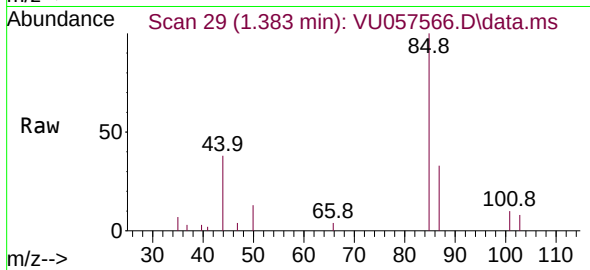




#2
Dichlorodifluoromethane
Concen: 1.158 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

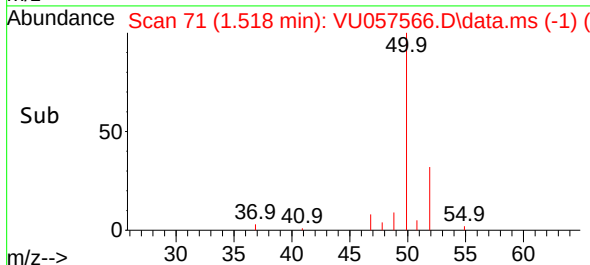
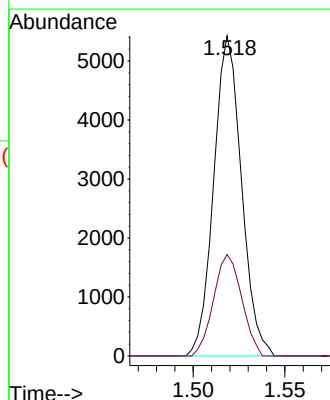
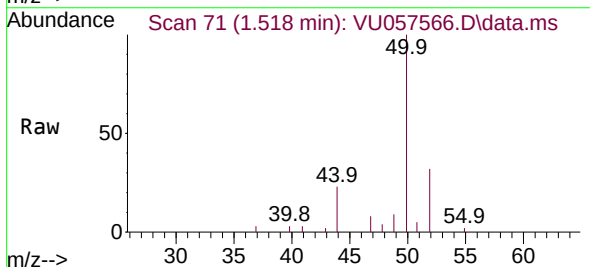
Instrument :
MSVOA_U
ClientSampleId :

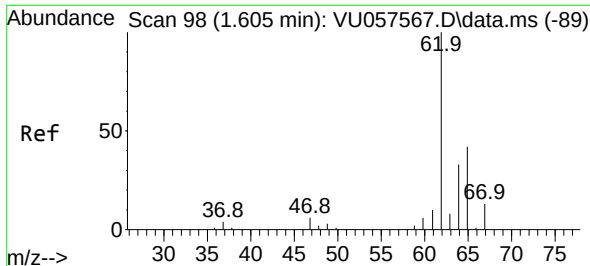
Tgt Ion: 85 Resp: 5795
Ion Ratio Lower Upper
85 100
87 30.3 26.4 39.6



#3
Chloromethane
Concen: 0.915 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

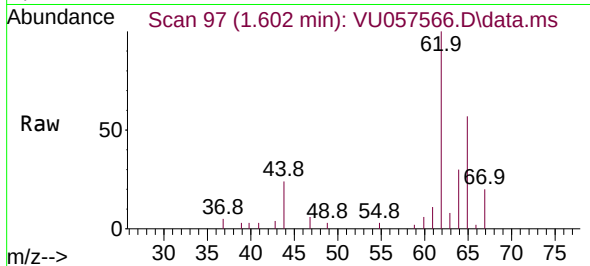
Tgt Ion: 50 Resp: 5709
Ion Ratio Lower Upper
50 100
52 31.7 23.7 43.9



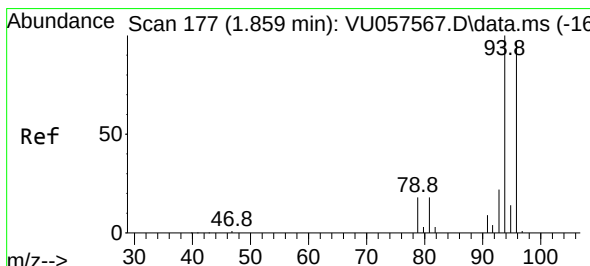
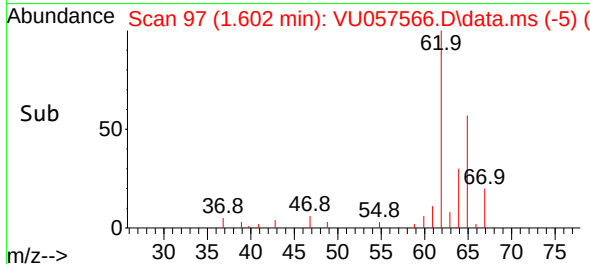
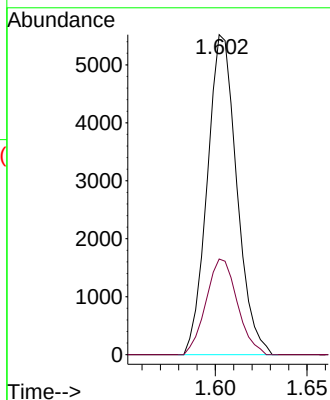


#5
 Vinyl chloride
 Concen: 1.094 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU057566.D
 Acq: 23 Jan 2024 12:39

Instrument :
 MSVOA_U
 ClientSampleId :

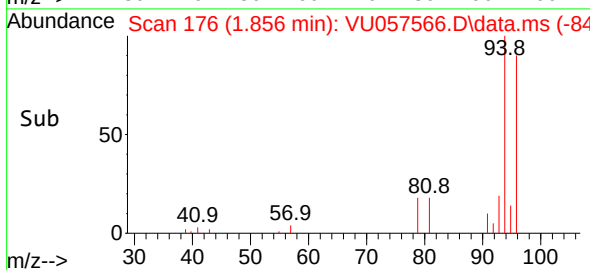
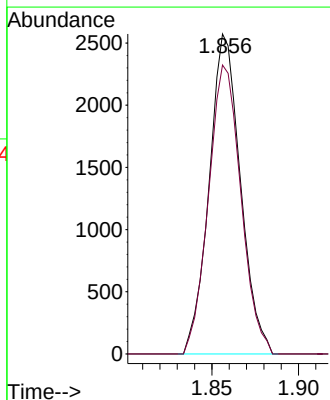
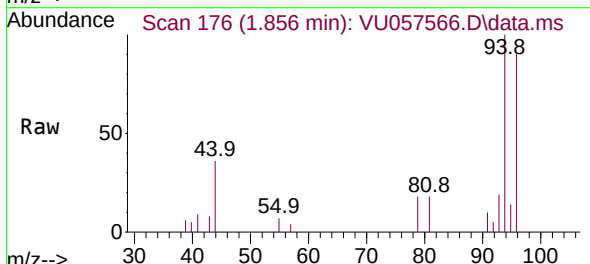


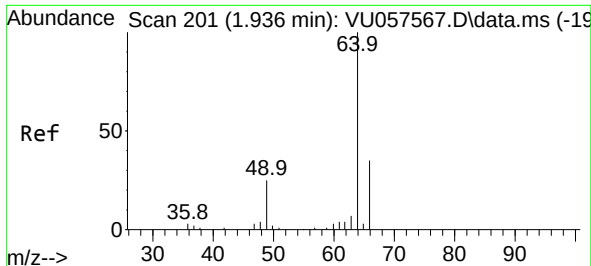
Tgt Ion: 62 Resp: 6180
 Ion Ratio Lower Upper
 62 100
 64 29.9 22.8 42.4



#6
 Bromomethane
 Concen: 1.011 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU057566.D
 Acq: 23 Jan 2024 12:39

Tgt Ion: 94 Resp: 3231
 Ion Ratio Lower Upper
 94 100
 96 90.3 68.0 126.4





#8

Chloroethane

Concen: 1.069 ug/L

RT: 1.933 min Scan# 201

Delta R.T. -0.003 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Instrument :

MSVOA_U

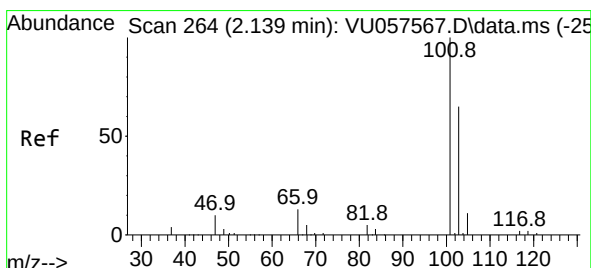
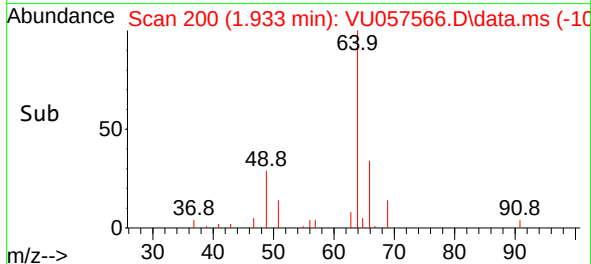
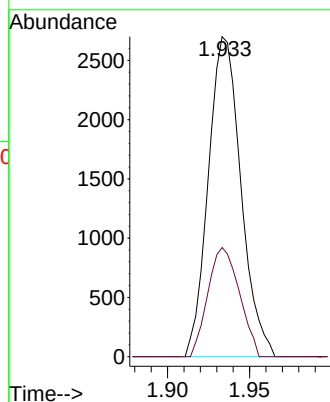
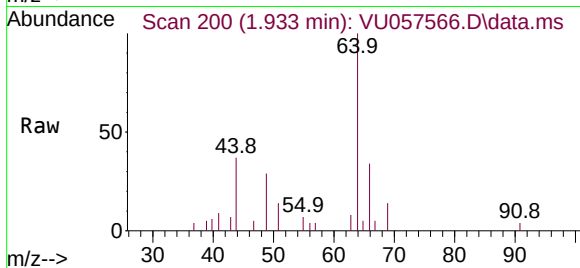
ClientSampleId :

Tgt Ion: 64 Resp: 3727

Ion Ratio Lower Upper

64 100

66 32.5 24.5 45.5



#9

Trichlorofluoromethane

Concen: 1.149 ug/L

RT: 2.139 min Scan# 264

Delta R.T. 0.000 min

Lab File: VU057566.D

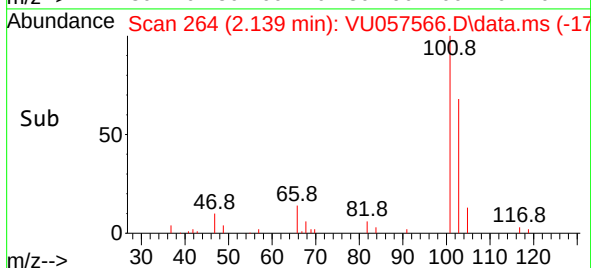
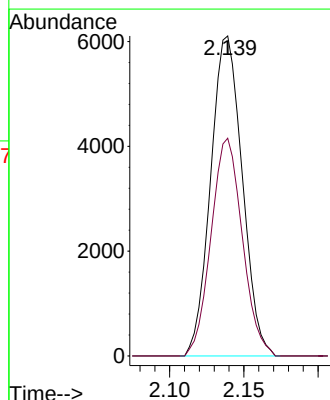
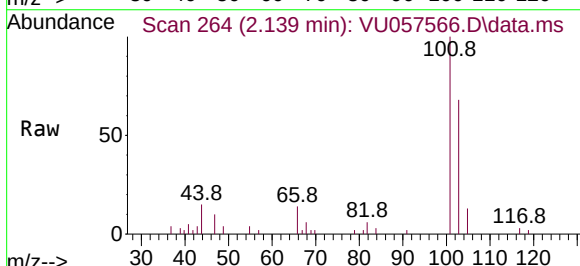
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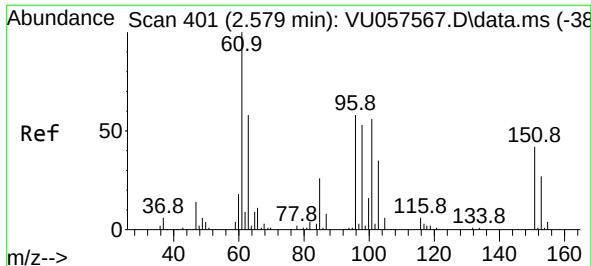
Tgt Ion:101 Resp: 9037

Ion Ratio Lower Upper

101 100

103 67.4 52.2 78.2

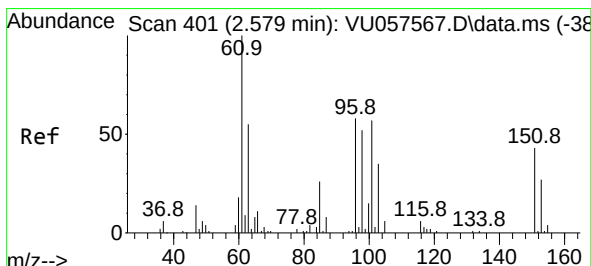
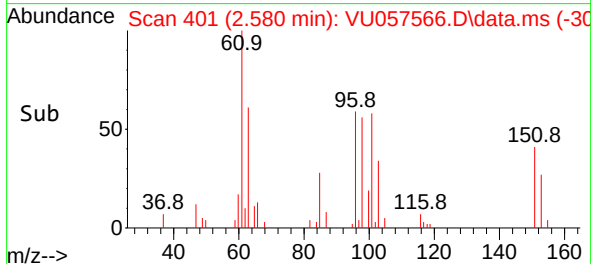
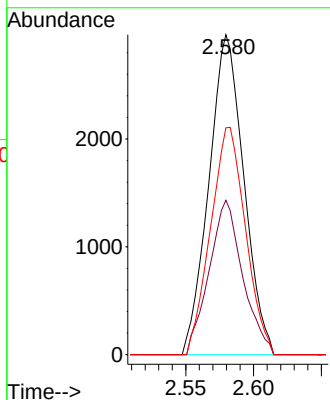
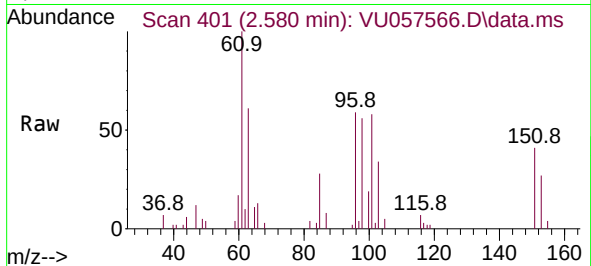




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.085 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

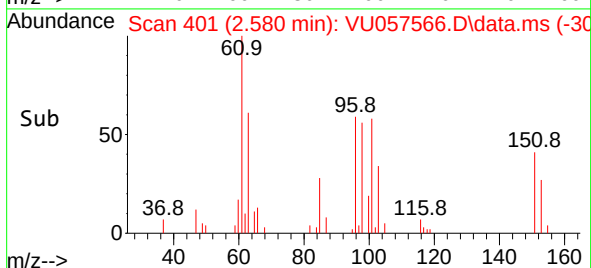
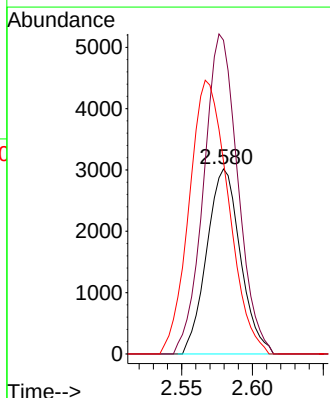
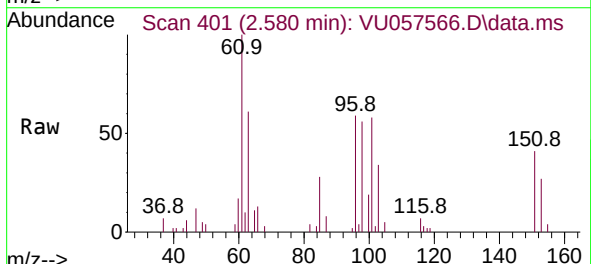
Instrument :
MSVOA_U
ClientSampleId :

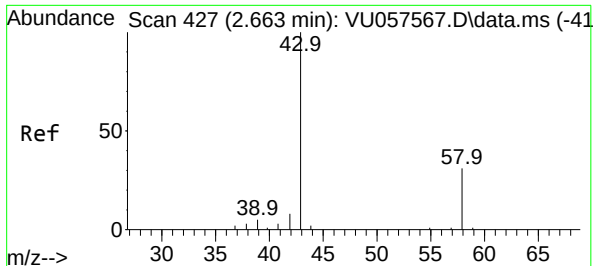
Tgt Ion:101 Resp: 5304
Ion Ratio Lower Upper
101 100
85 46.5 35.8 53.8
151 71.3 60.0 90.0



#12
1,1-Dichloroethene
Concen: 1.125 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion: 96 Resp: 4984
Ion Ratio Lower Upper
96 100
61 169.7 120.7 224.1
63 104.3 72.5 134.7





#13

Acetone

Concen: 7.734 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Instrument :

MSVOA_U

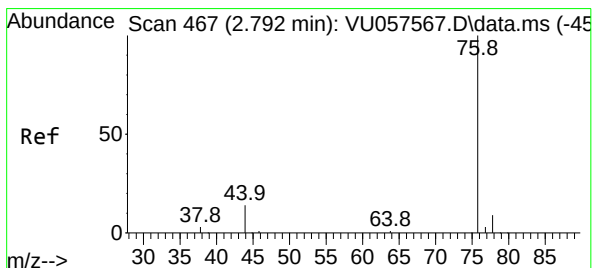
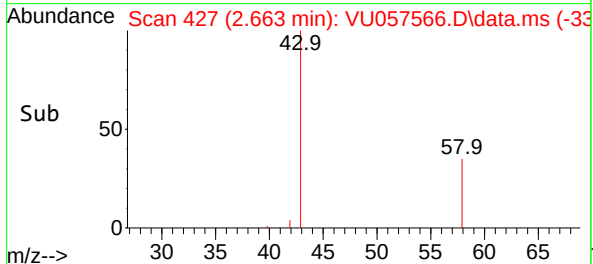
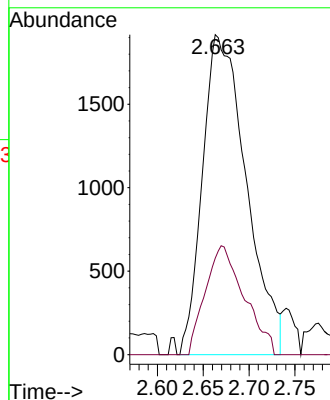
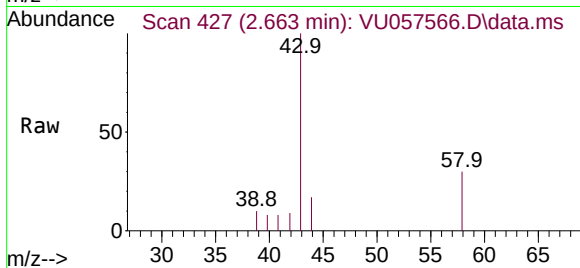
ClientSampleId :

Tgt Ion: 43 Resp: 6359

Ion Ratio Lower Upper

43 100

58 30.2 0.0 61.4



#14

Carbon disulfide

Concen: 1.246 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057566.D

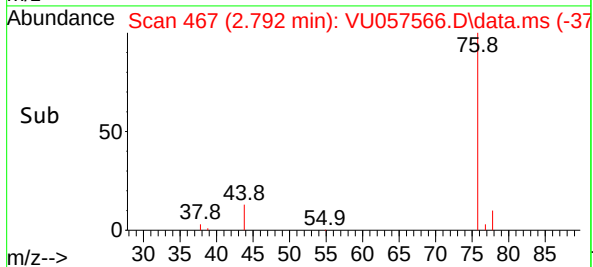
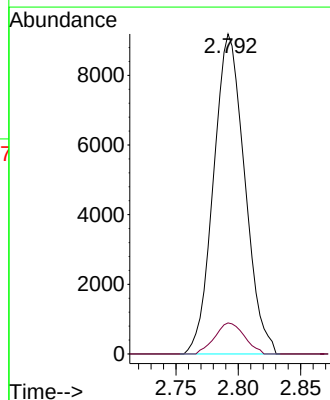
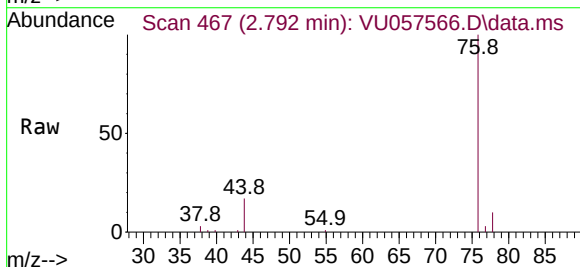
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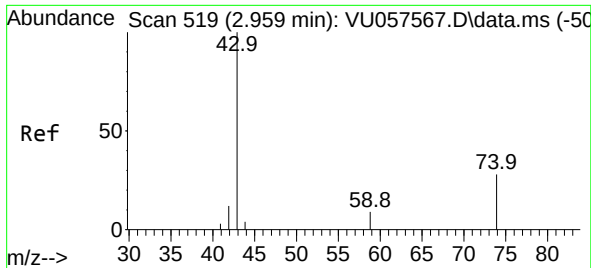
Tgt Ion: 76 Resp: 15965

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

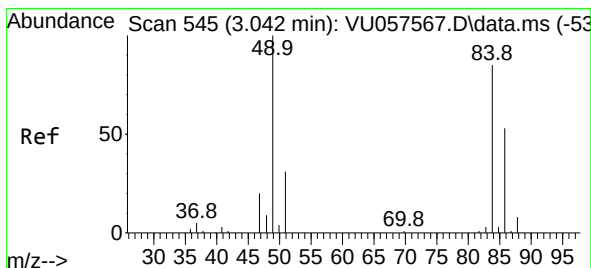
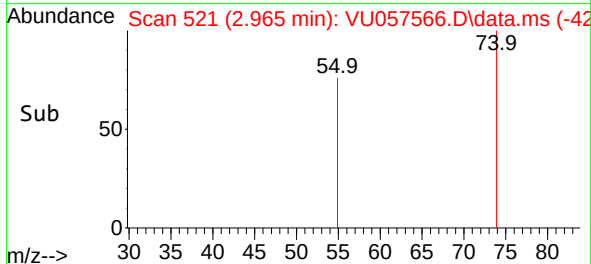
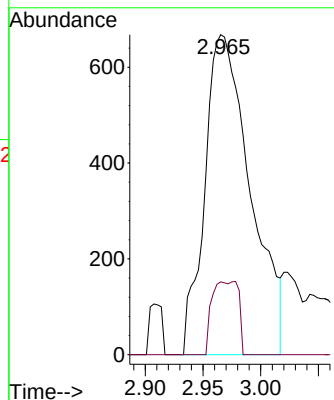
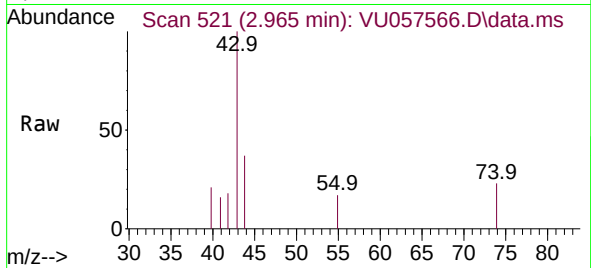




#15
Methyl Acetate
Concen: 0.990 ug/L
RT: 2.965 min Scan# 519
Delta R.T. 0.007 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

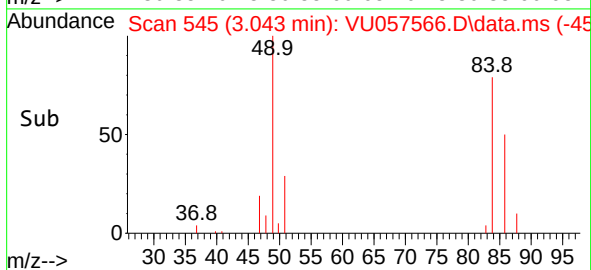
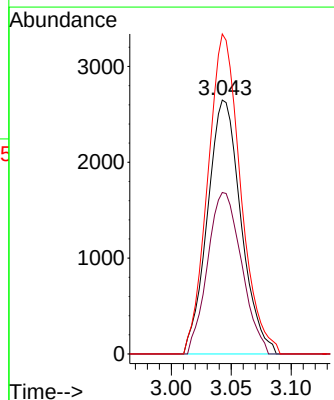
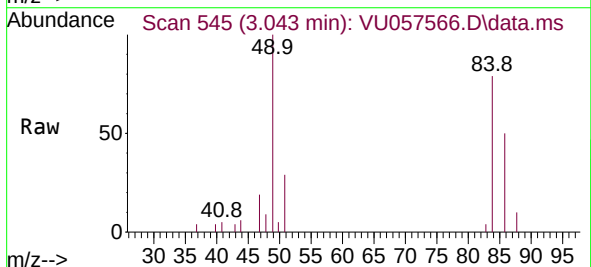
Instrument :
MSVOA_U
ClientSampleId :

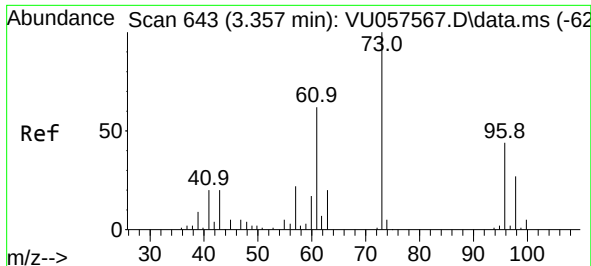
Tgt Ion: 43 Resp: 1843
Ion Ratio Lower Upper
43 100
74 13.2 20.7 31.1#



#16
Methylene chloride
Concen: 0.893 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion: 84 Resp: 5151
Ion Ratio Lower Upper
84 100
86 63.6 43.5 80.9
49 131.9 82.5 153.1

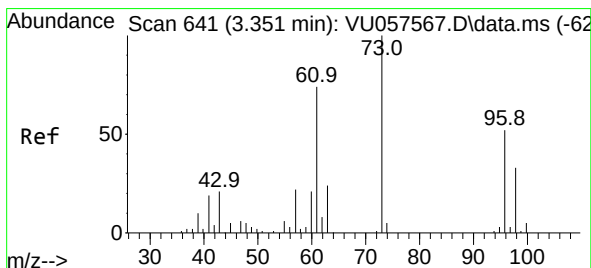
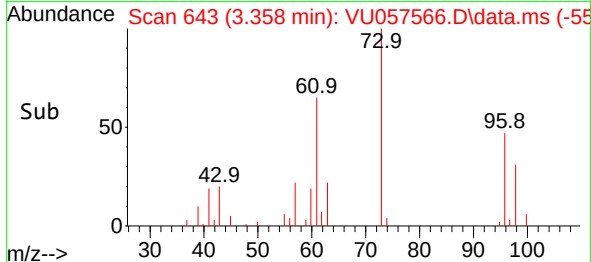
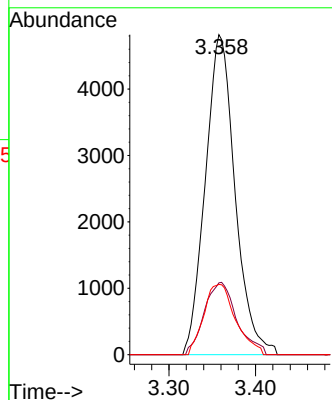
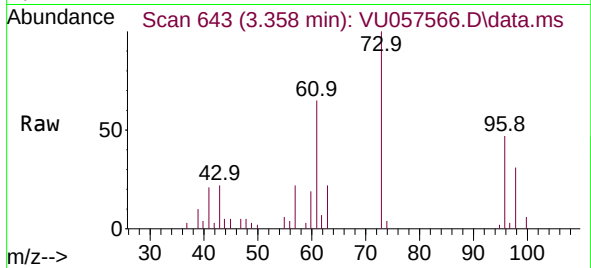




#17
Methyl tert-butyl Ether
Concen: 1.056 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

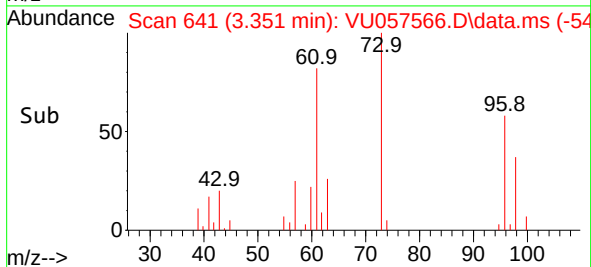
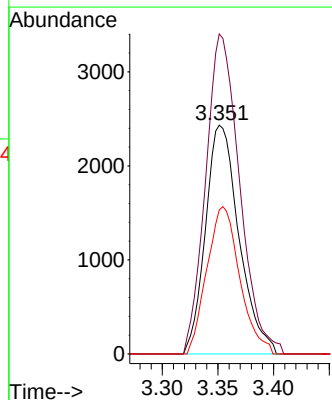
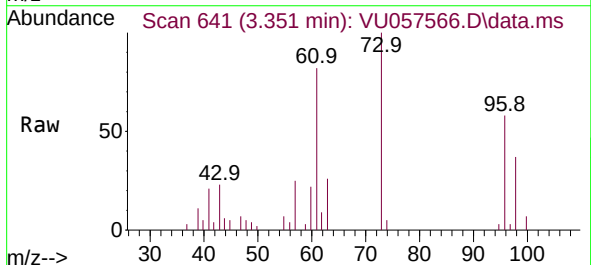
Instrument :
MSVOA_U
ClientSampleId :

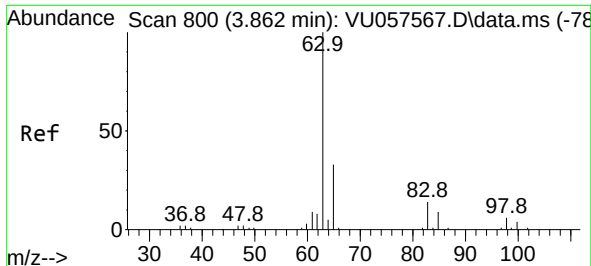
Tgt Ion: 73 Resp: 11483
Ion Ratio Lower Upper
73 100
43 24.8 17.3 25.9
57 23.6 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 1.150 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion: 96 Resp: 5095
Ion Ratio Lower Upper
96 100
61 139.8 99.3 184.5
98 62.9 44.5 82.7





#19

1,1-Dichloroethane

Concen: 0.995 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU057566.D

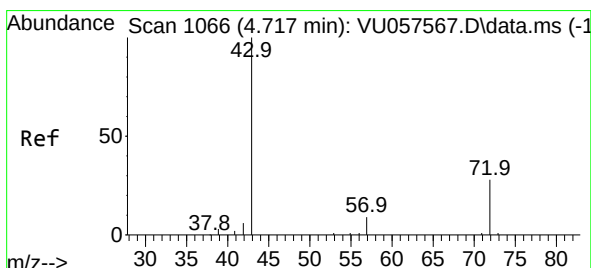
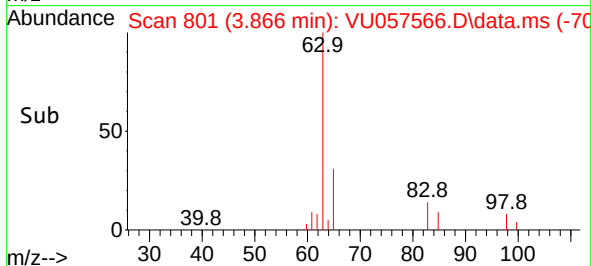
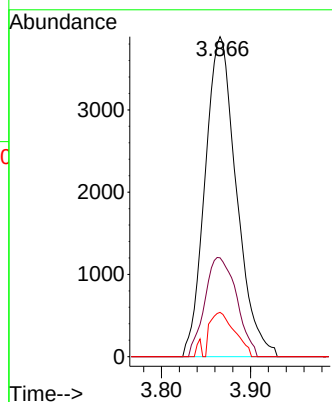
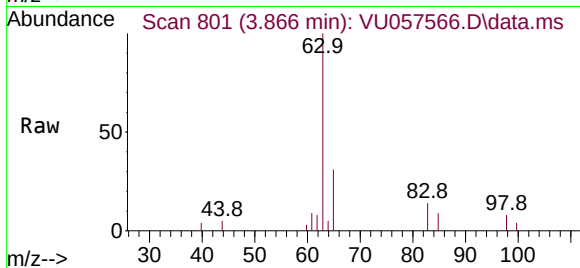
Acq: 23 Jan 2024 12:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	9516
Ion	Ratio	Lower	Upper
63	100		
65	30.9	23.0	42.8
83	13.8	9.7	17.9



#21

2-Butanone

Concen: 7.873 ug/L

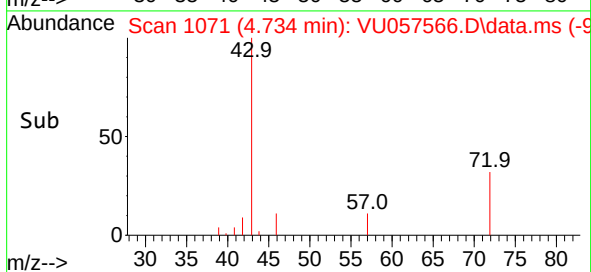
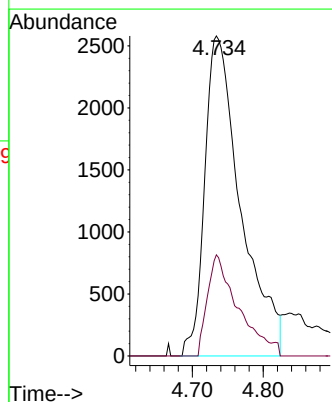
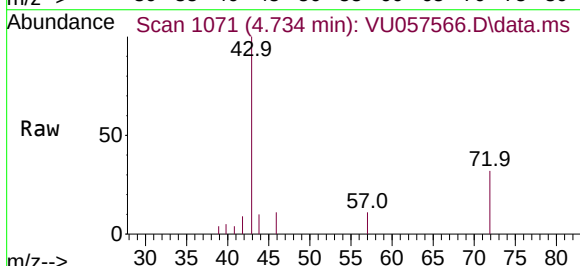
RT: 4.734 min Scan# 1071

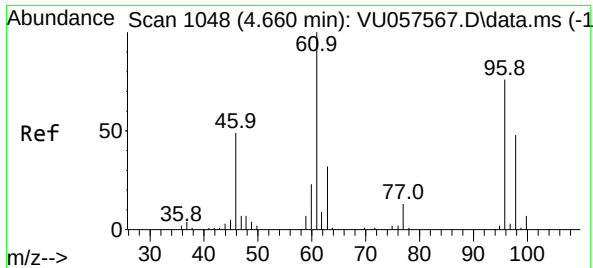
Delta R.T. 0.016 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

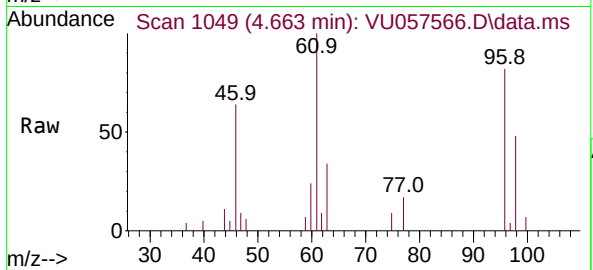
Tgt Ion:	43	Resp:	9113
Ion	Ratio	Lower	Upper
43	100		
72	26.5	14.7	44.1



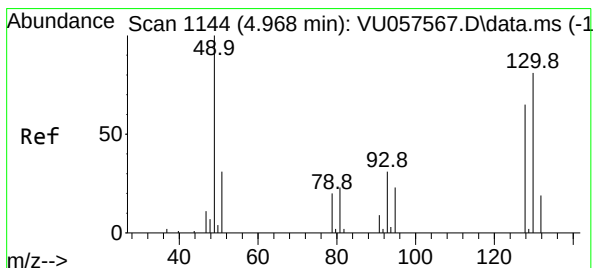
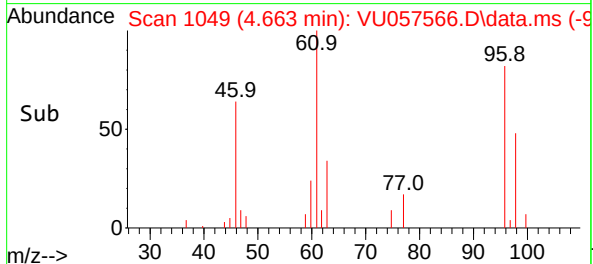
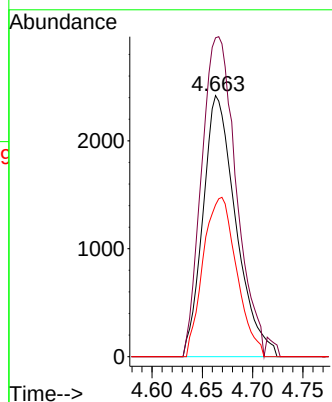


#22
 cis-1,2-Dichloroethene
 Concen: 1.081 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU057566.D
 Acq: 23 Jan 2024 12:39

Instrument :
 MSVOA_U
 ClientSampleId :

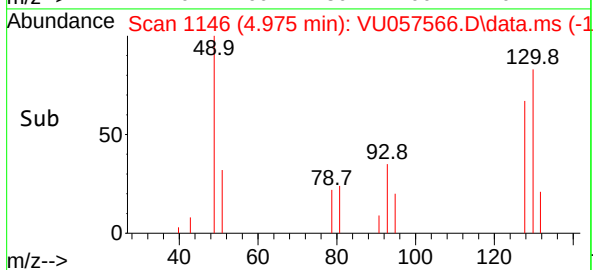
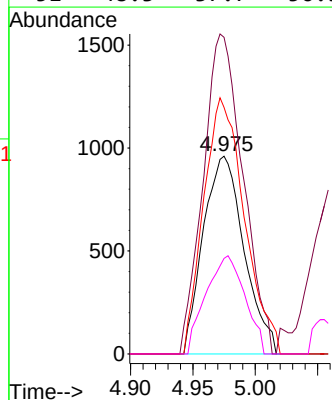
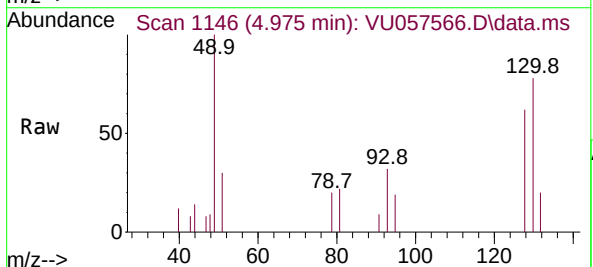


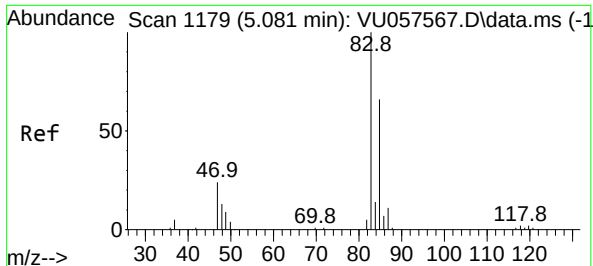
Tgt Ion: 96 Resp: 5497
 Ion Ratio Lower Upper
 96 100
 61 122.2 92.7 172.1
 98 58.2 44.9 83.5



#23
 Bromochloromethane
 Concen: 1.006 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.007 min
 Lab File: VU057566.D
 Acq: 23 Jan 2024 12:39

Tgt Ion: 128 Resp: 2184
 Ion Ratio Lower Upper
 128 100
 49 160.2 111.5 207.1
 130 124.7 87.2 162.0
 51 48.3 37.7 56.5

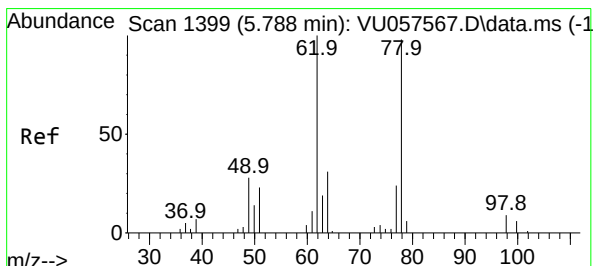
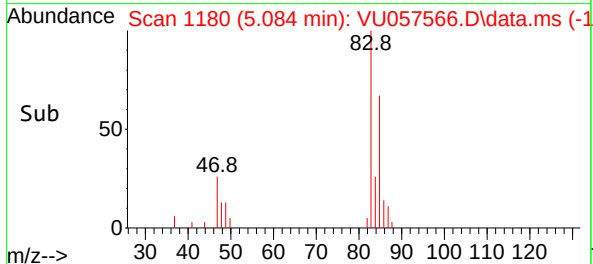
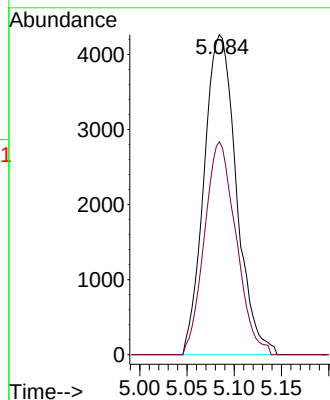
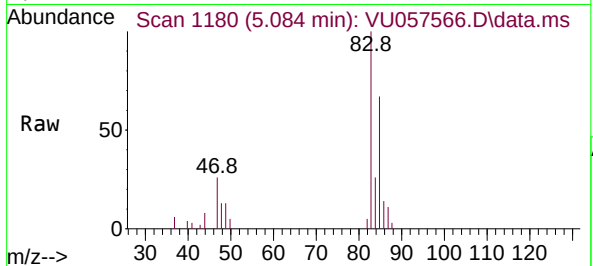




#25
Chloroform
Concen: 1.018 ug/L
RT: 5.084 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

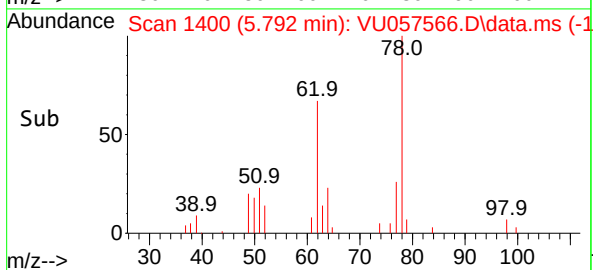
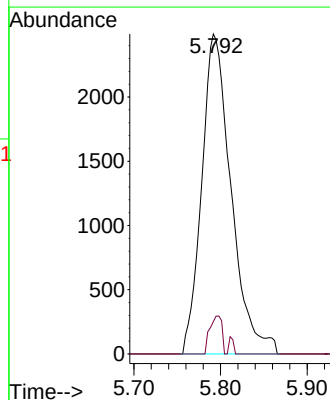
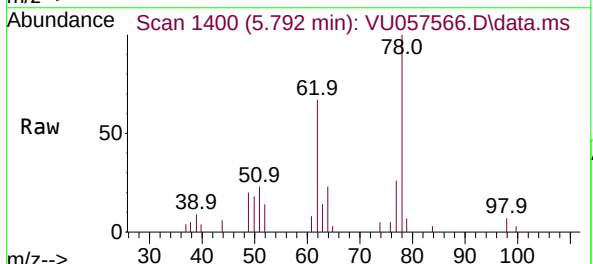
Instrument :
MSVOA_U
ClientSampleId :

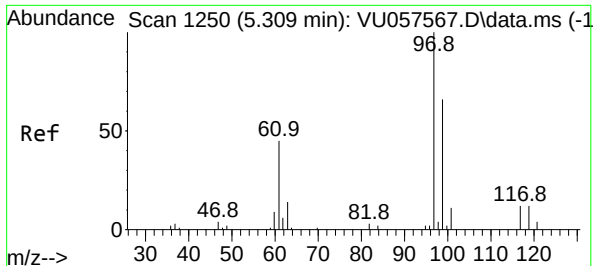
Tgt Ion: 83 Resp: 10161
Ion Ratio Lower Upper
83 100
85 66.5 46.1 85.5



#27
1,2-Dichloroethane
Concen: 0.980 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion: 62 Resp: 5875
Ion Ratio Lower Upper
62 100
98 10.1 6.9 10.3

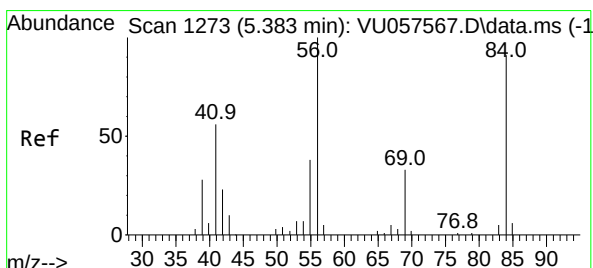
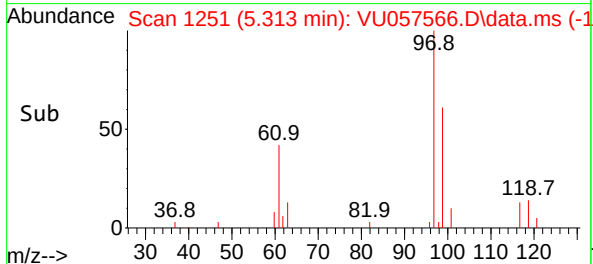
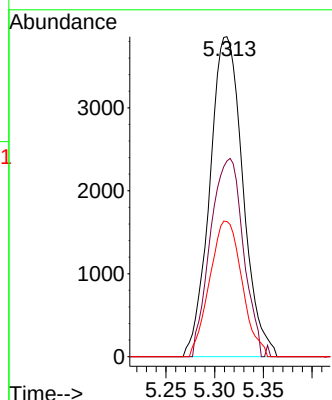
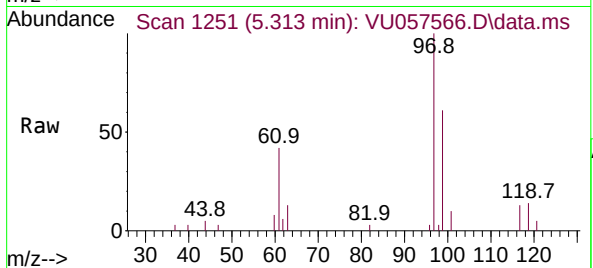




#29
1,1,1-Trichloroethane
Concen: 1.115 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

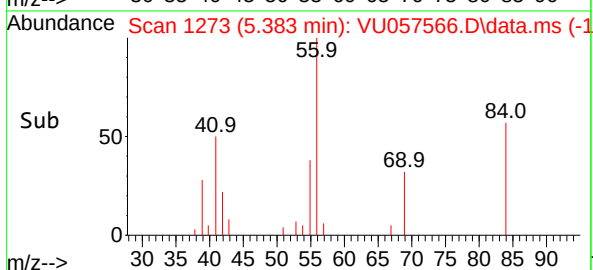
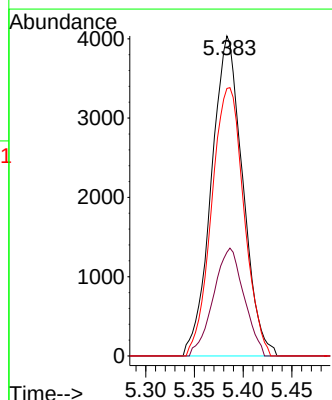
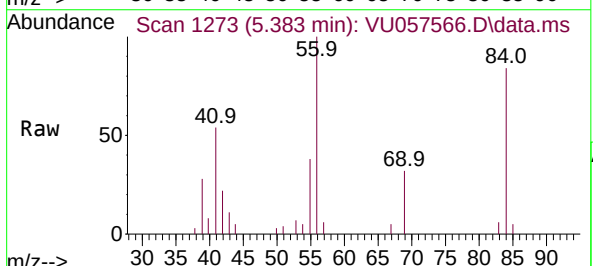
Instrument :
MSVOA_U
ClientSampleId :

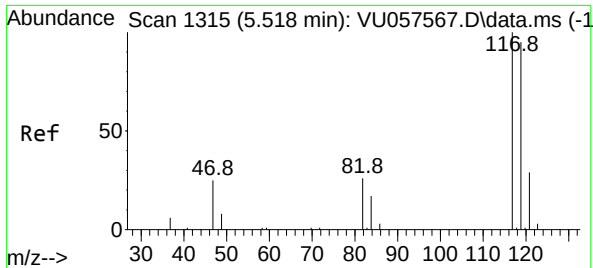
Tgt Ion: 97	Resp: 9109
Ion Ratio	Lower Upper
97 100	
99 61.4	52.0 78.0
61 41.4	35.3 52.9



#30
Cyclohexane
Concen: 1.302 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion: 56	Resp: 9014
Ion Ratio	Lower Upper
56 100	
69 33.0	25.8 38.8
84 86.2	72.0 108.0

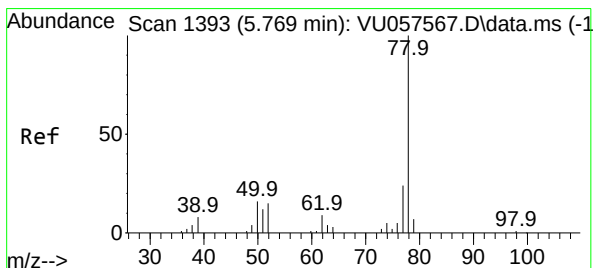
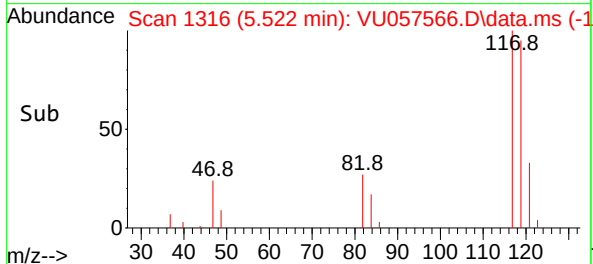
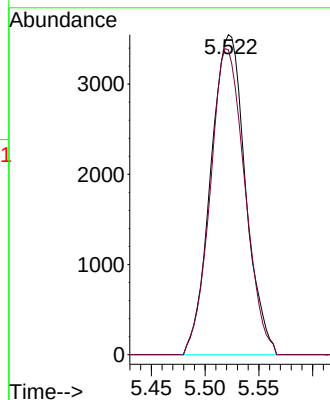
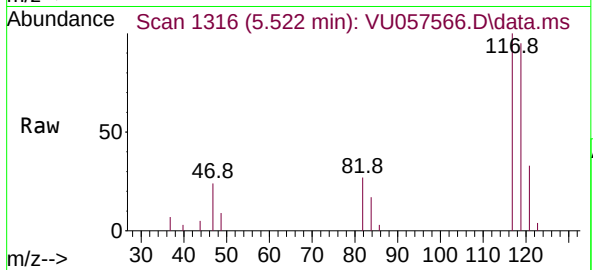




#31
Carbon tetrachloride
Concen: 1.153 ug/L
RT: 5.522 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

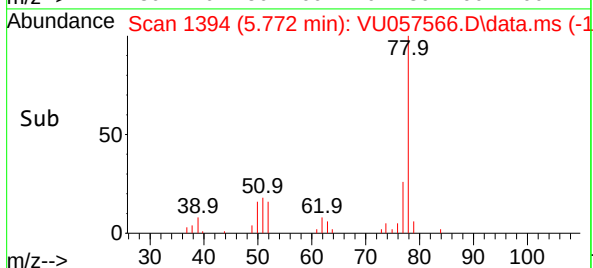
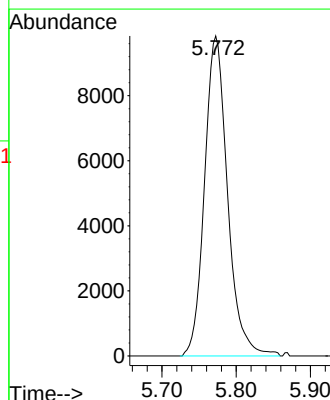
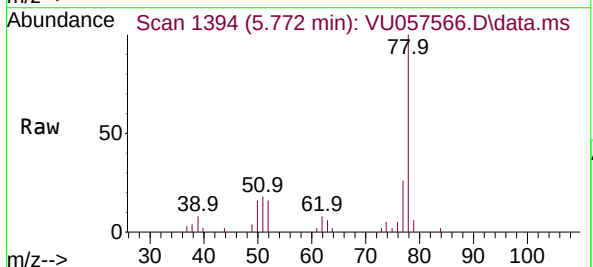
Instrument :
MSVOA_U
ClientSampleId :

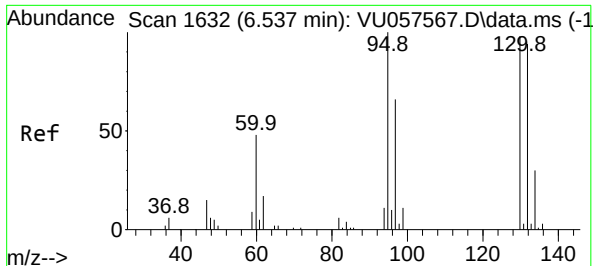
Tgt Ion:117 Resp: 7965
Ion Ratio Lower Upper
117 100
119 94.9 75.6 113.4



#33
Benzene
Concen: 1.090 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion: 78 Resp: 21140

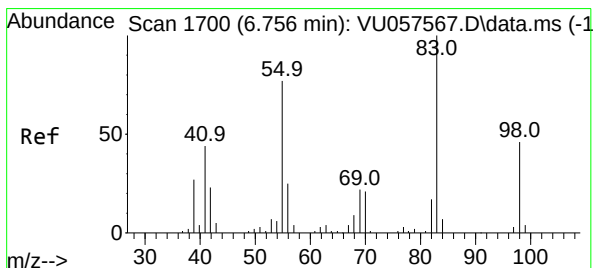
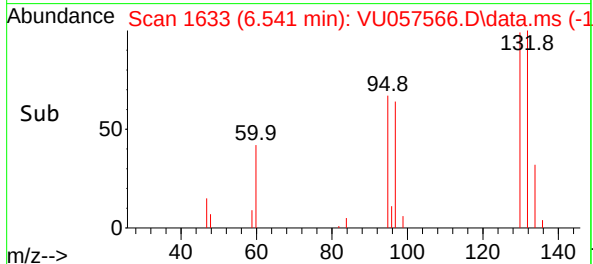
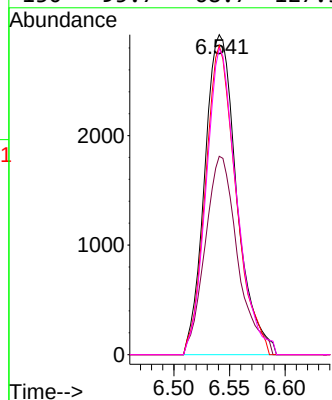
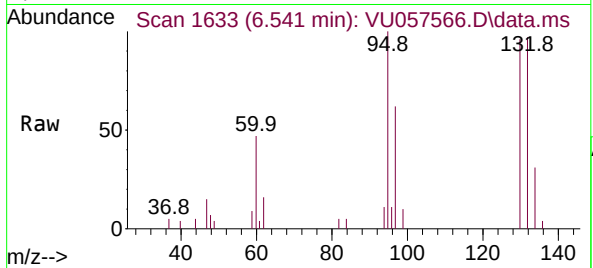




#34
Trichloroethene
Concen: 1.137 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

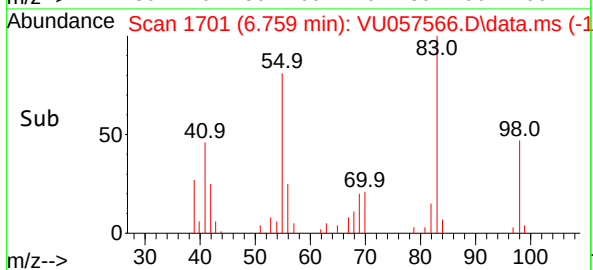
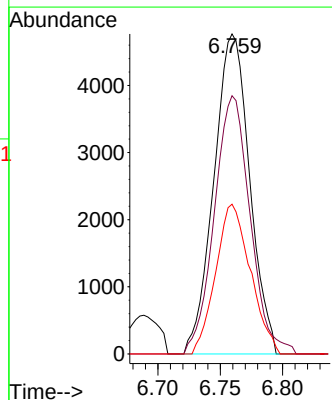
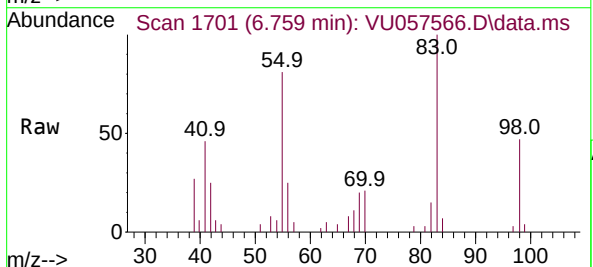
Instrument :
MSVOA_U
ClientSampleId :

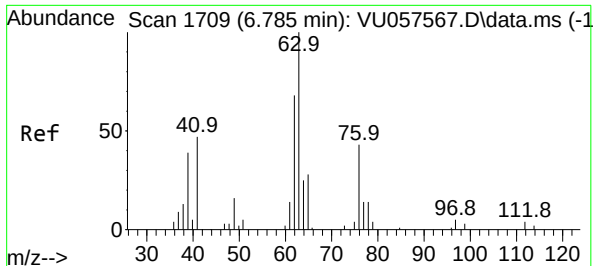
Tgt Ion: 95 Resp: 5848
Ion Ratio Lower Upper
95 100
97 62.0 46.1 85.5
132 96.6 66.1 122.8
130 95.7 68.7 127.5



#35
Methylcyclohexane
Concen: 1.323 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion: 83 Resp: 9534
Ion Ratio Lower Upper
83 100
55 80.8 61.4 92.0
98 45.3 38.2 57.4

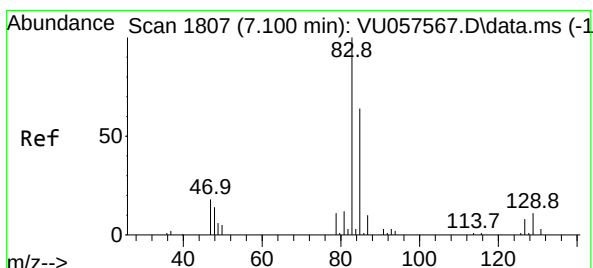
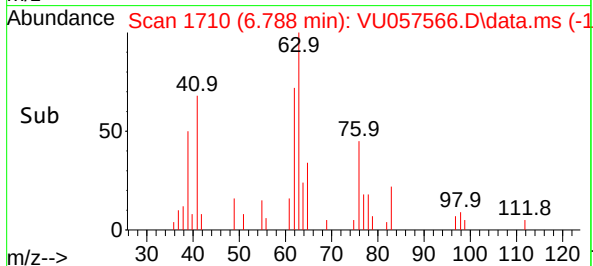
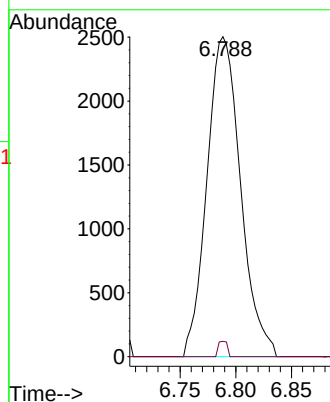
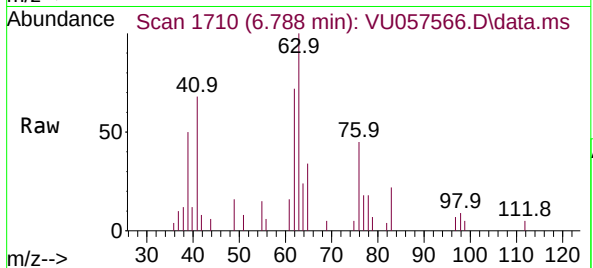




#37
1,2-Dichloropropane
Concen: 0.976 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

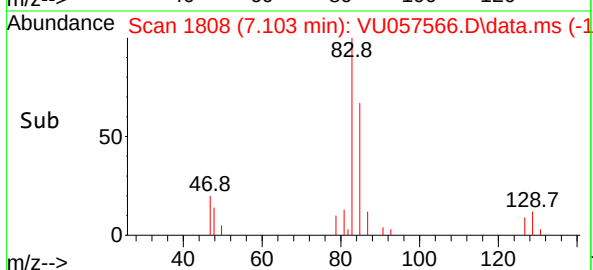
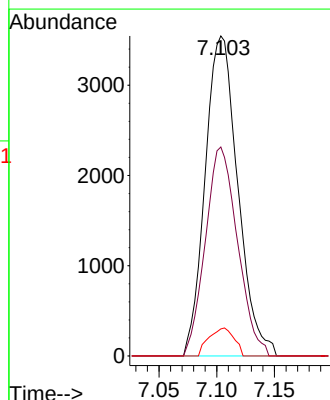
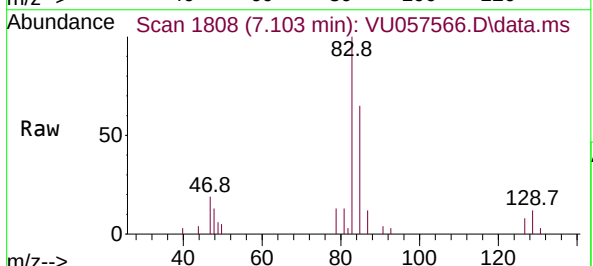
Instrument :
MSVOA_U
ClientSampleId :

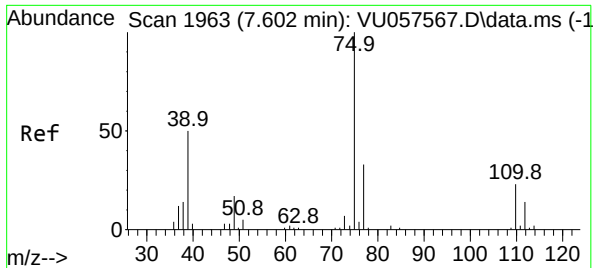
Tgt Ion: 63 Resp: 5272
Ion Ratio Lower Upper
63 100
112 1.3 3.0 4.4#



#38
Bromodichloromethane
Concen: 1.053 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion: 83 Resp: 6977
Ion Ratio Lower Upper
83 100
85 65.3 44.7 83.1
127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 1.074 ug/L

RT: 7.608 min Scan# 1963

Delta R.T. 0.007 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Instrument :

MSVOA_U

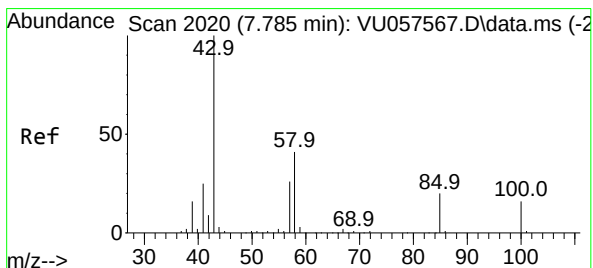
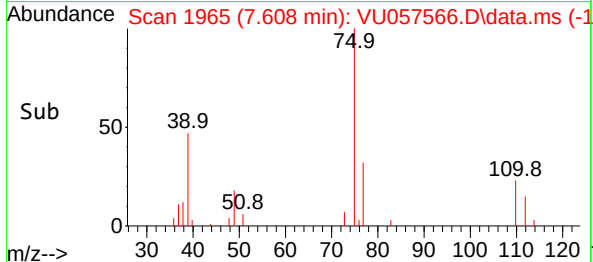
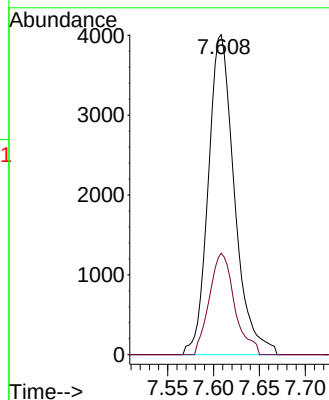
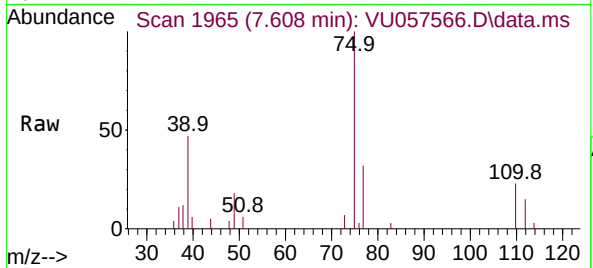
ClientSampleId :

Tgt Ion: 75 Resp: 7951

Ion Ratio Lower Upper

75 100

77 31.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 9.440 ug/L

RT: 7.792 min Scan# 2022

Delta R.T. 0.007 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

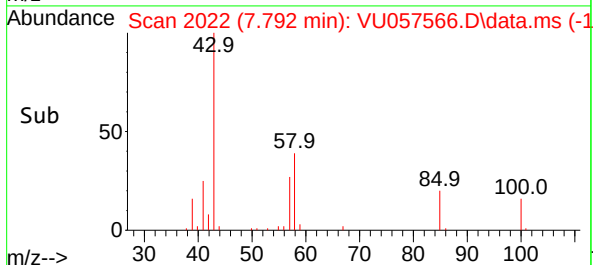
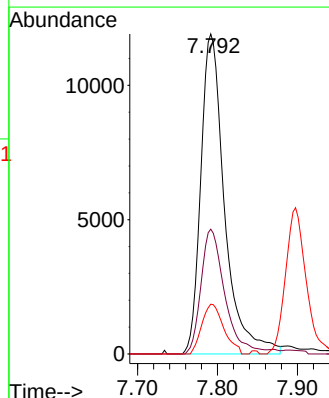
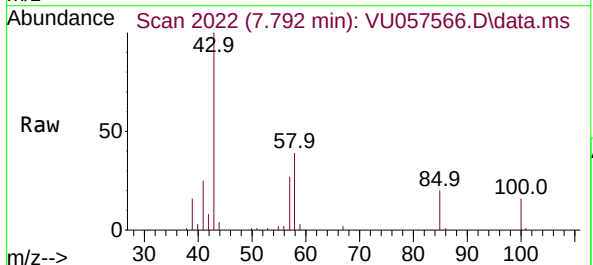
Tgt Ion: 43 Resp: 24698

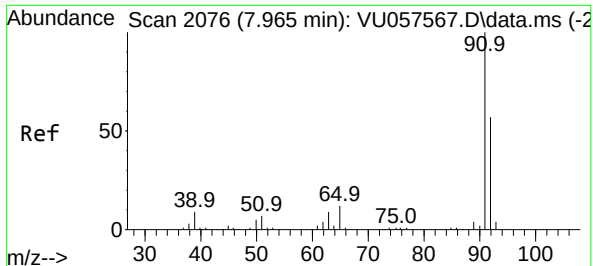
Ion Ratio Lower Upper

43 100

58 38.9 32.3 48.5

100 14.3 12.6 18.8





#42

Toluene

Concen: 1.165 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Instrument :

MSVOA_U

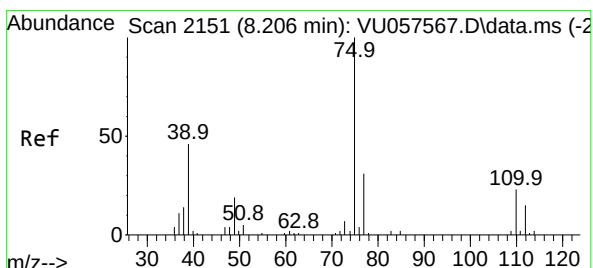
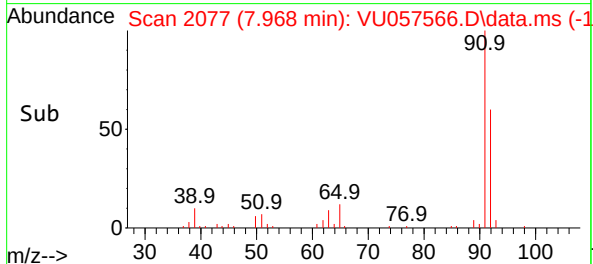
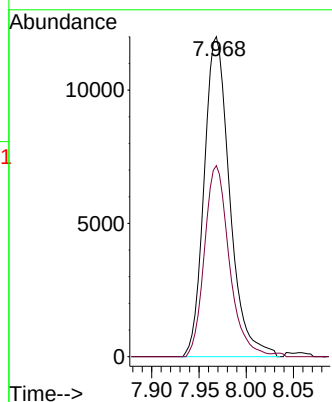
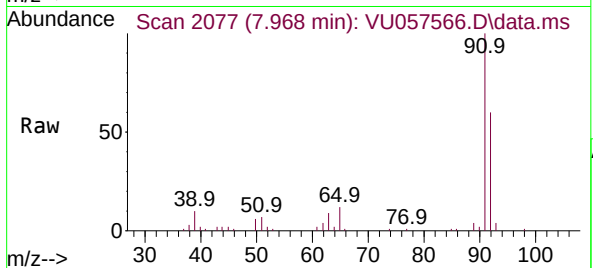
ClientSampleId :

Tgt Ion: 91 Resp: 22601

Ion Ratio Lower Upper

91 100

92 59.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 1.112 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.007 min

Lab File: VU057566.D

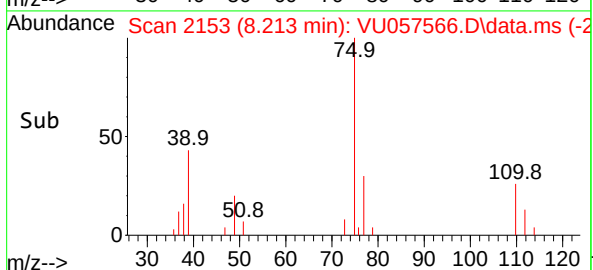
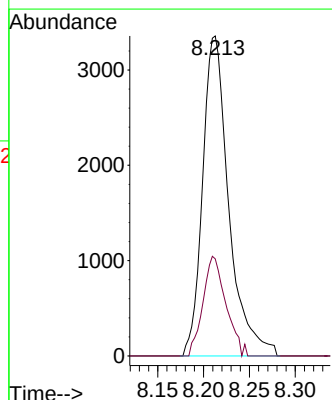
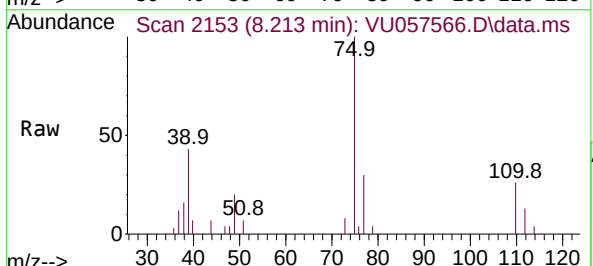
Acq: 23 Jan 2024 12:39

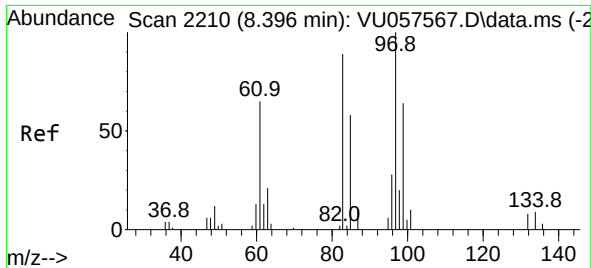
Tgt Ion: 75 Resp: 6666

Ion Ratio Lower Upper

75 100

77 30.3 21.3 39.6



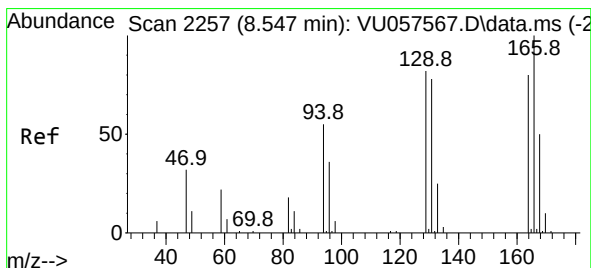
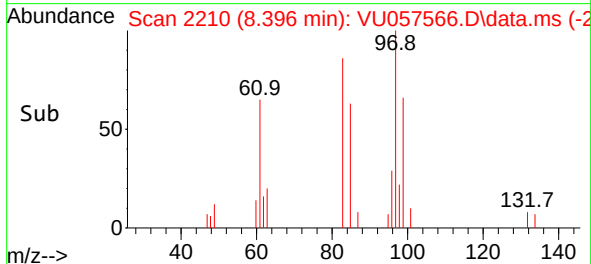
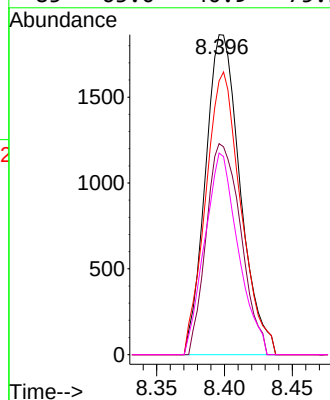
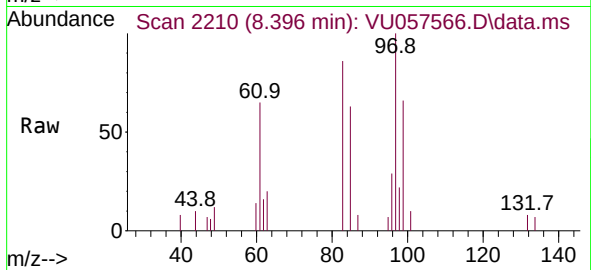


#45
1,1,2-Trichloroethane
Concen: 0.963 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 3333

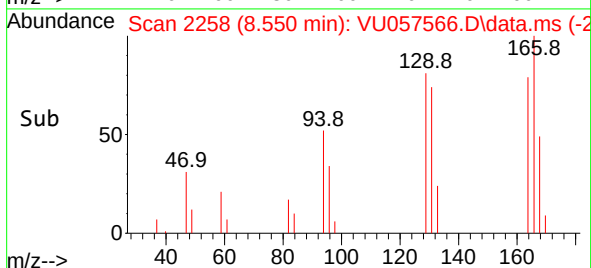
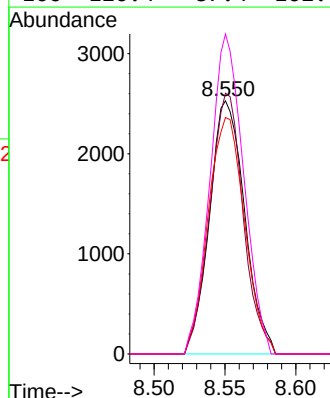
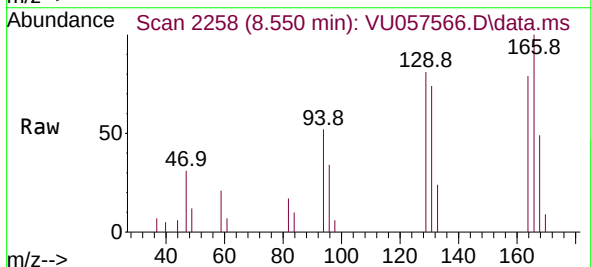
Ion	Ratio	Lower	Upper
97	100		
99	65.9	45.1	83.7
83	85.6	62.3	115.7
85	63.0	40.9	75.9

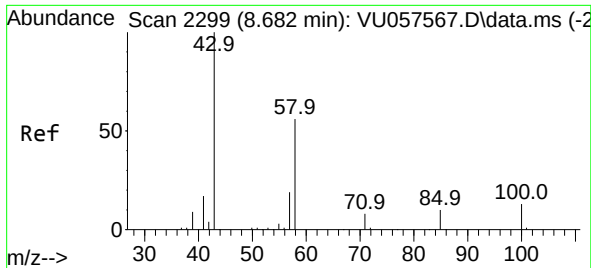


#47
Tetrachloroethene
Concen: 1.236 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion: 164 Resp: 4359

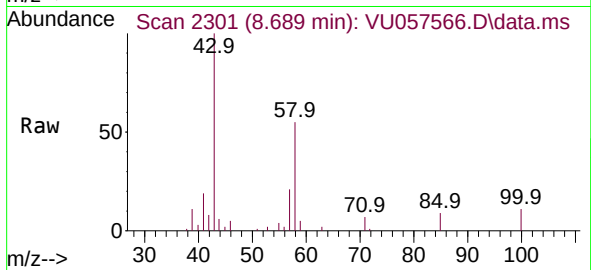
Ion	Ratio	Lower	Upper
164	100		
129	103.0	71.3	132.5
131	93.4	68.1	126.5
166	126.4	87.4	162.4





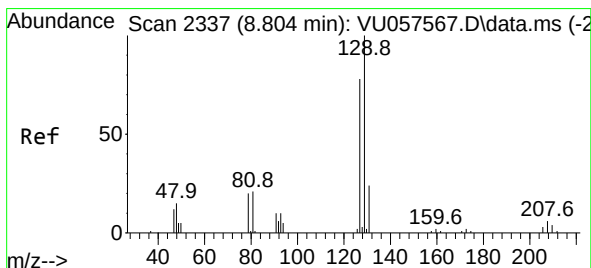
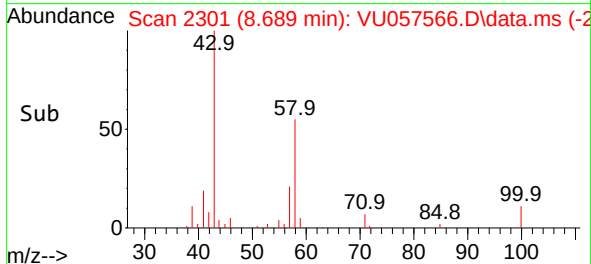
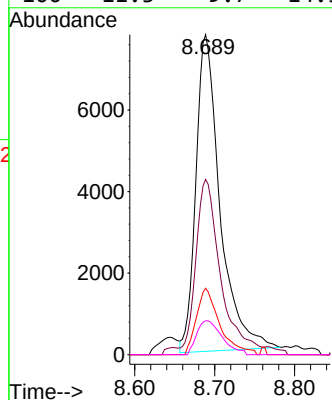
#48
2-Hexanone
Concen: 8.578 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 16311

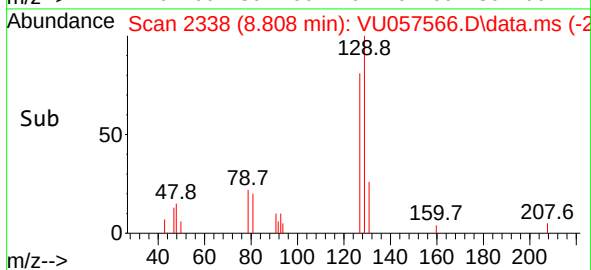
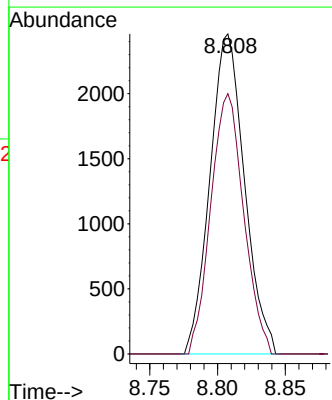
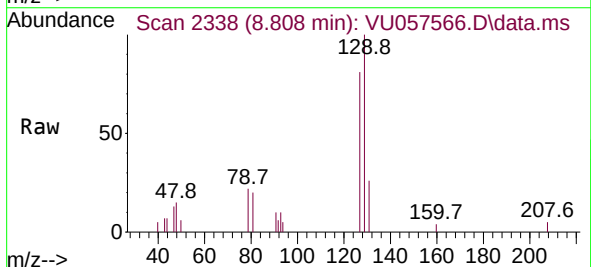
Ion	Ratio	Lower	Upper
43	100		
58	53.4	44.3	66.5
57	20.3	15.5	23.3
100	11.3	9.7	14.5

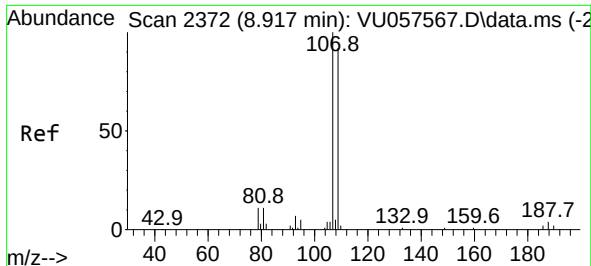


#49
Dibromochloromethane
Concen: 1.111 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion: 129 Resp: 4364

Ion	Ratio	Lower	Upper
129	100		
127	81.4	54.5	101.1





#50

1,2-Dibromoethane

Concen: 1.074 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

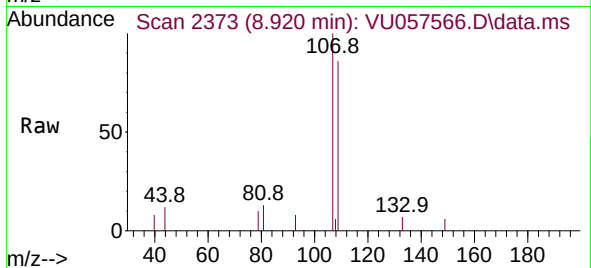
Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

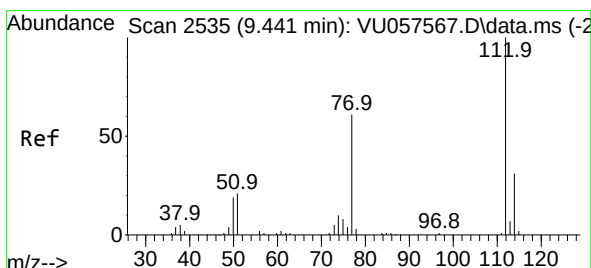
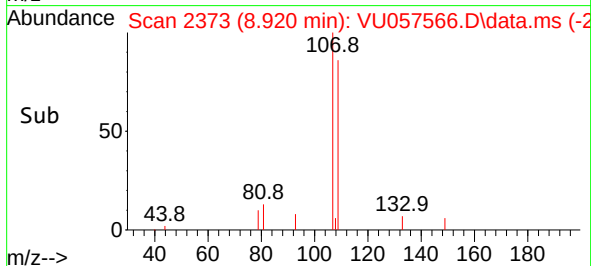
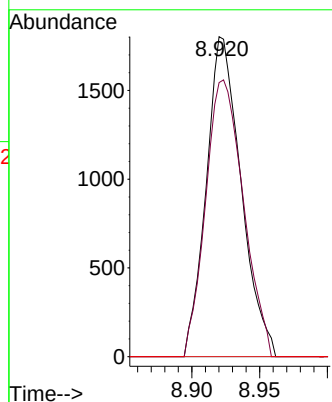
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	3214
Ion	Ratio	Lower	Upper
107	100		
109	85.6	64.5	119.9
188	0.0	2.9	4.3#



#51

Chlorobenzene

Concen: 1.122 ug/L

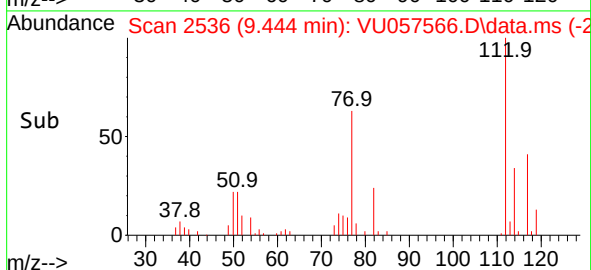
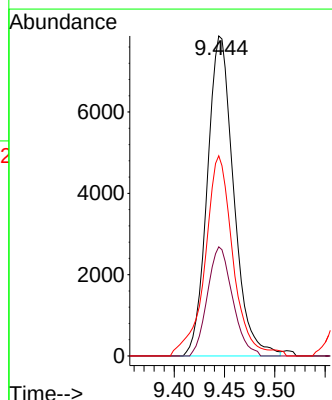
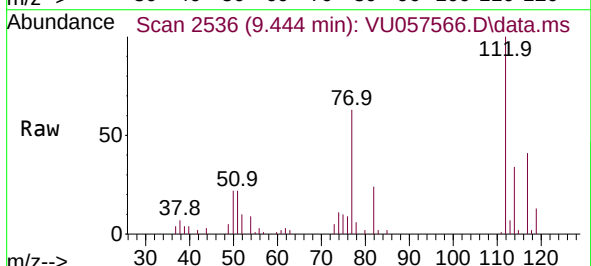
RT: 9.444 min Scan# 2536

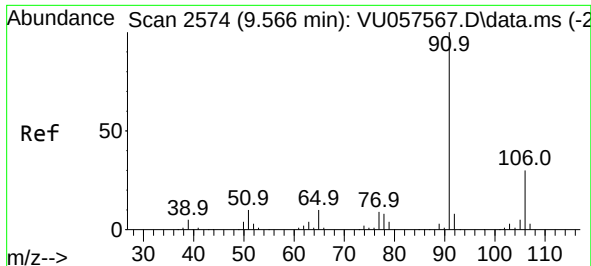
Delta R.T. 0.003 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Tgt Ion:	112	Resp:	14376
Ion	Ratio	Lower	Upper
112	100		
114	34.1	22.0	40.8
77	62.6	49.2	73.8

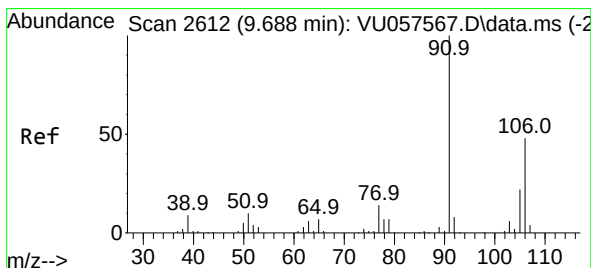
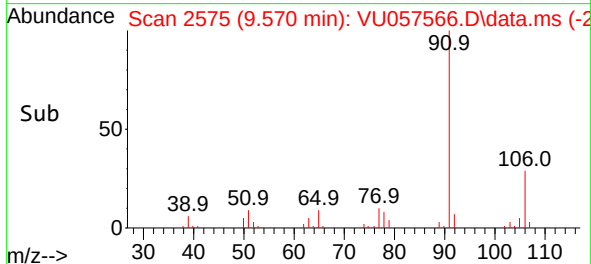
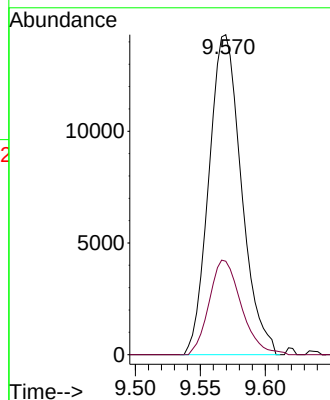
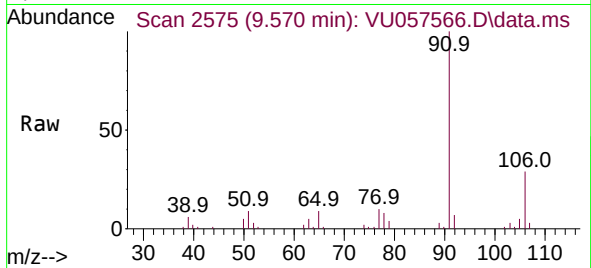




#52
Ethylbenzene
Concen: 1.165 ug/L
RT: 9.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

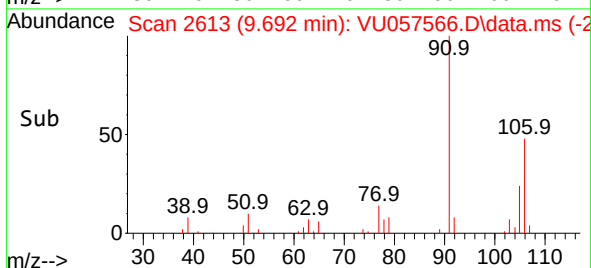
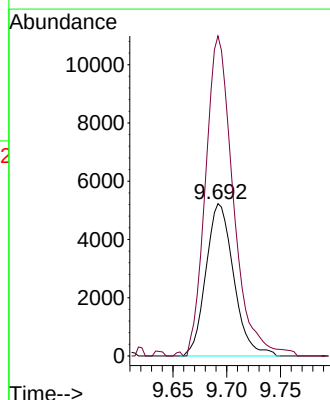
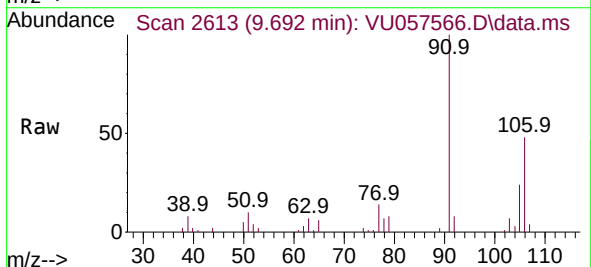
Instrument :
MSVOA_U
ClientSampleId :

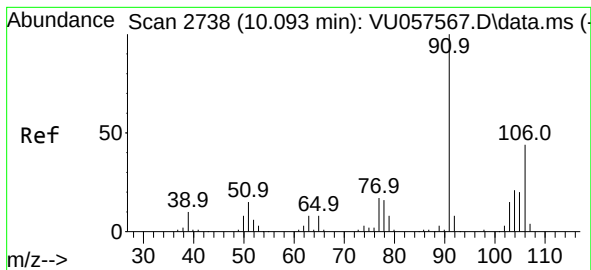
Tgt Ion: 91 Resp: 24893
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.5



#53
m,p-Xylene
Concen: 1.224 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion: 106 Resp: 9382
Ion Ratio Lower Upper
106 100
91 210.1 146.9 272.9





#54

o-Xylene

Concen: 1.206 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Instrument :

MSVOA_U

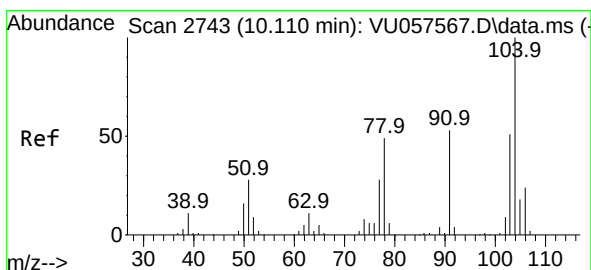
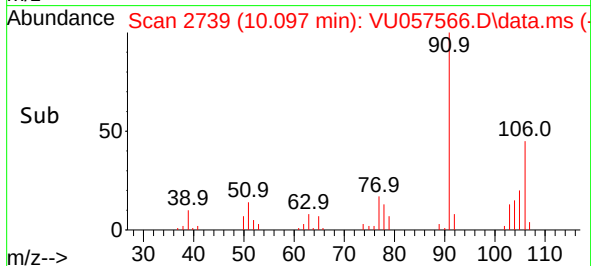
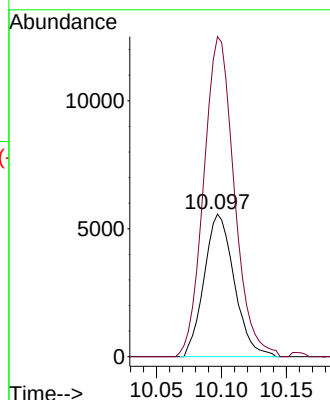
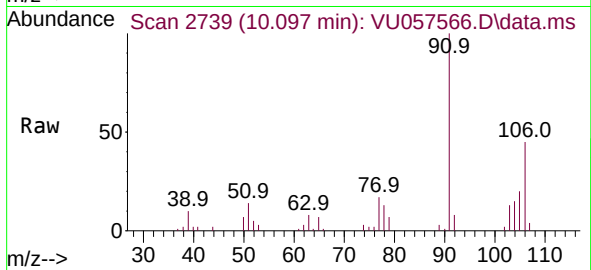
ClientSampleId :

Tgt Ion:106 Resp: 8991

Ion Ratio Lower Upper

106 100

91 224.5 158.1 293.5



#55

Styrene

Concen: 1.094 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU057566.D

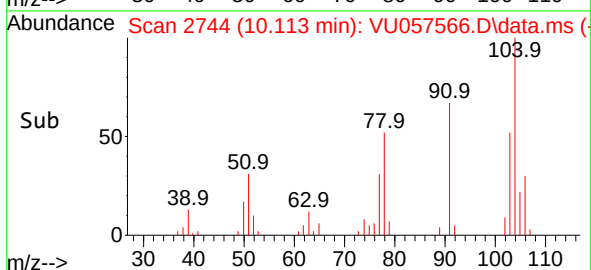
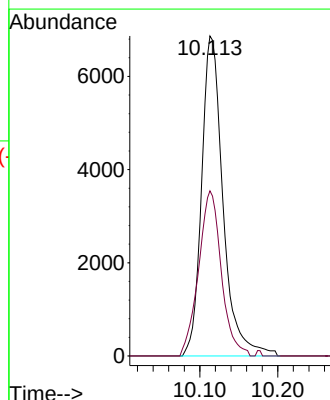
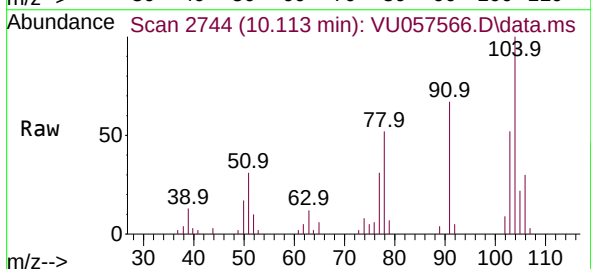
Acq: 23 Jan 2024 12:39

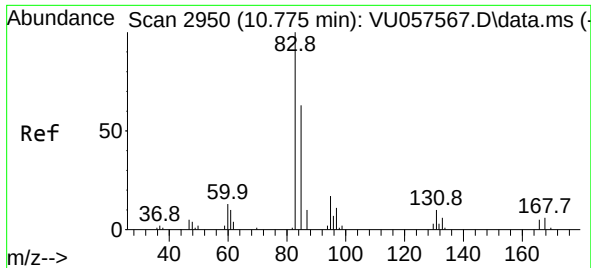
Tgt Ion:104 Resp: 13119

Ion Ratio Lower Upper

104 100

78 51.6 34.3 63.7

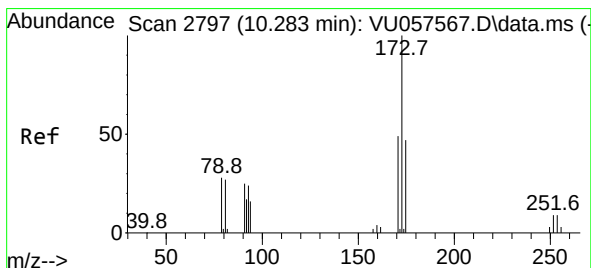
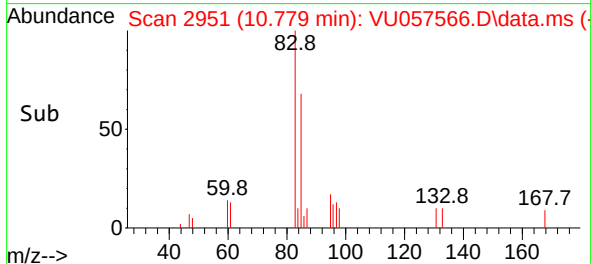
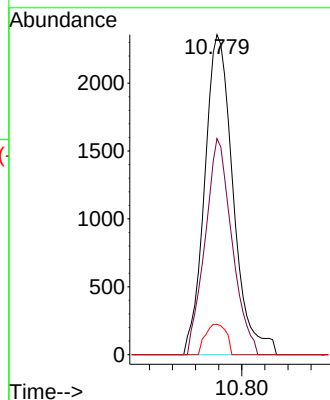
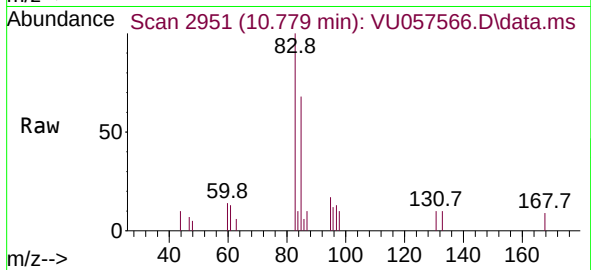




#57
1,1,2,2-Tetrachloroethane
Concen: 0.926 ug/L
RT: 10.779 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

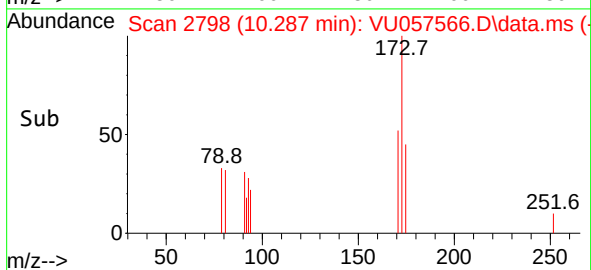
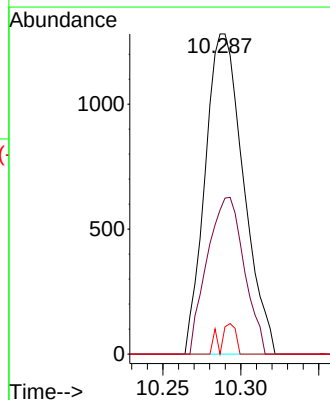
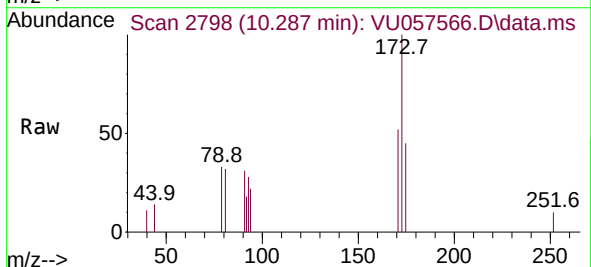
Instrument :
MSVOA_U
ClientSampleId :

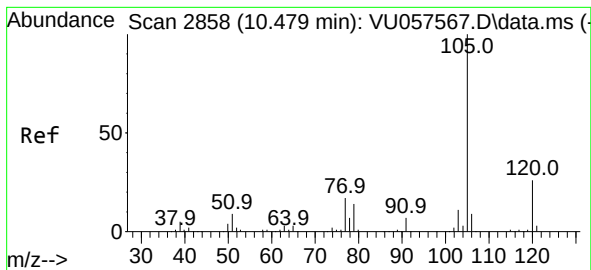
Tgt Ion: 83 Resp: 4038
Ion Ratio Lower Upper
83 100
85 67.5 44.4 82.5
131 9.5 8.3 12.5



#59
Bromoform
Concen: 0.986 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion:173 Resp: 2190
Ion Ratio Lower Upper
173 100
175 47.1 37.5 56.3
254 3.8 7.2 10.8#





#60

Isopropylbenzene

Concen: 1.147 ug/L

RT: 10.483 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Instrument :

MSVOA_U

ClientSampleId :

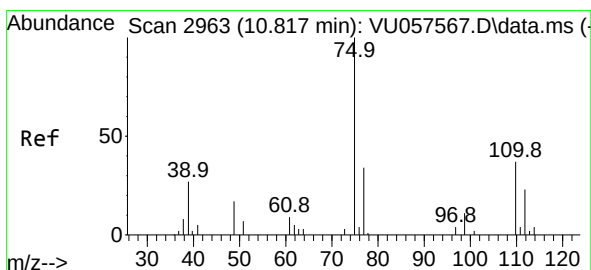
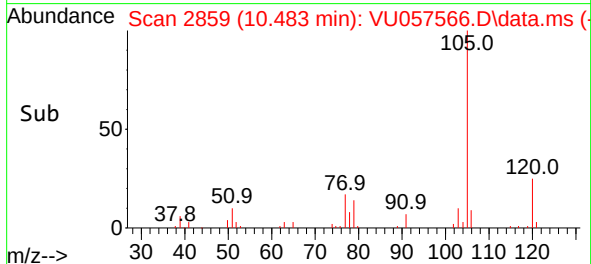
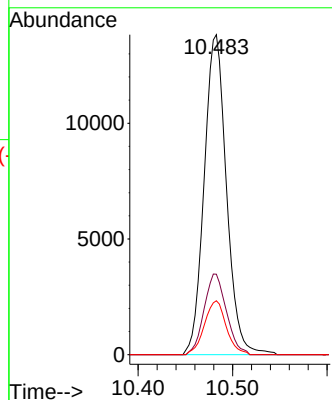
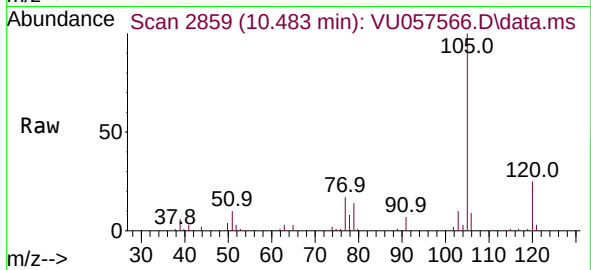
Tgt Ion:105 Resp: 22672

Ion Ratio Lower Upper

105 100

120 25.3 20.8 31.2

77 16.5 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 0.922 ug/L

RT: 10.824 min Scan# 2965

Delta R.T. 0.007 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

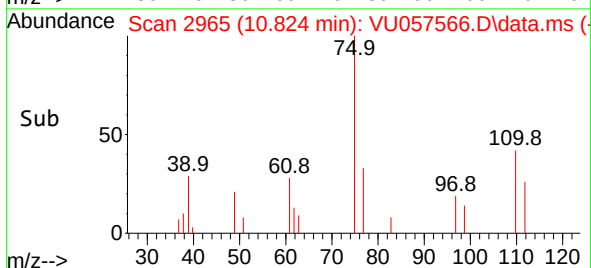
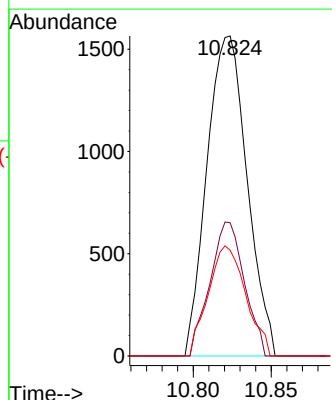
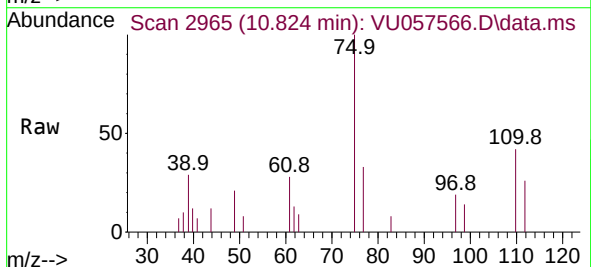
Tgt Ion: 75 Resp: 2801

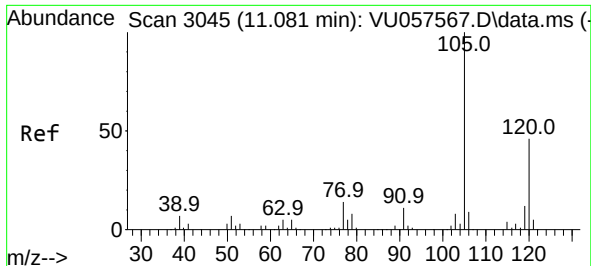
Ion Ratio Lower Upper

75 100

110 36.0 30.1 45.1

77 32.2 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 1.303 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Instrument :

MSVOA_U

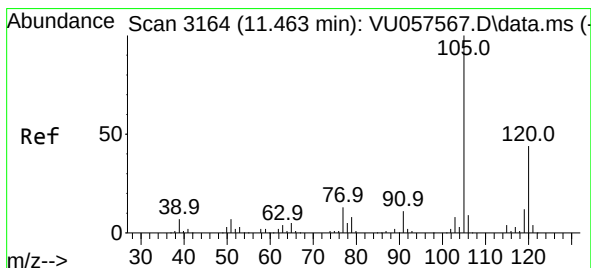
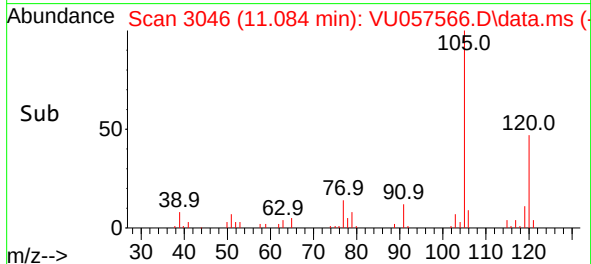
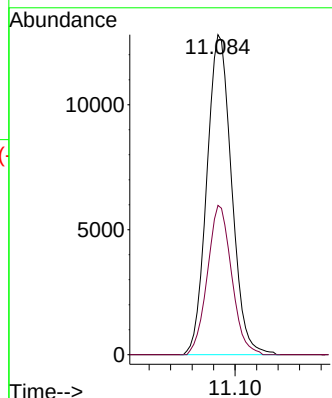
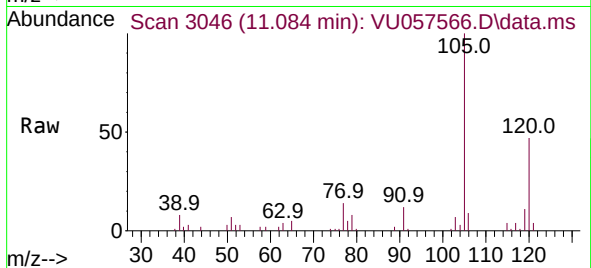
ClientSampleId :

Tgt Ion:105 Resp: 20470

Ion Ratio Lower Upper

105 100

120 45.6 36.9 55.3



#63

1,2,4-Trimethylbenzene

Concen: 1.295 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU057566.D

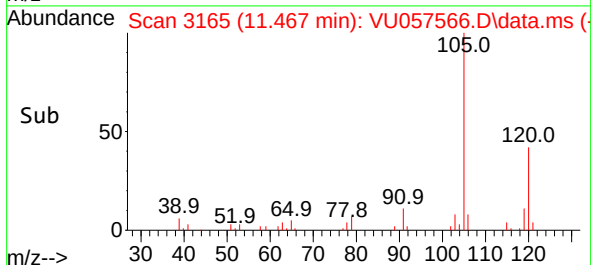
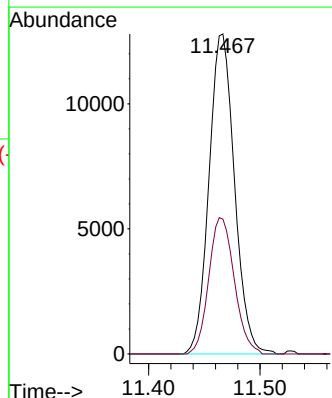
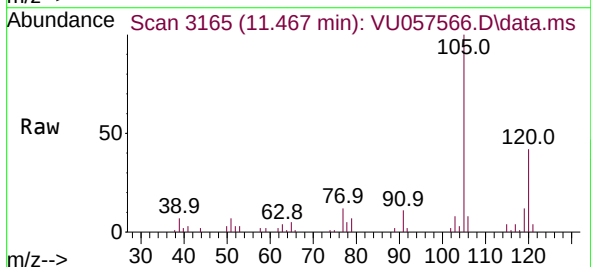
Acq: 23 Jan 2024 12:39

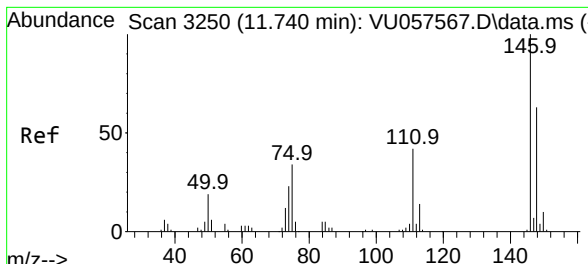
Tgt Ion:105 Resp: 20320

Ion Ratio Lower Upper

105 100

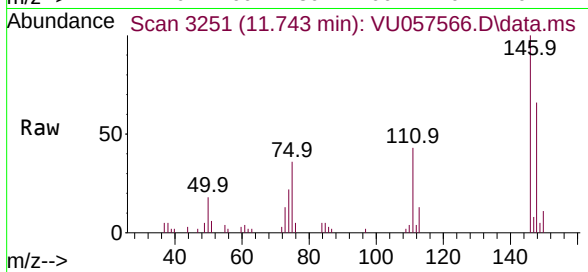
120 42.7 35.0 52.4



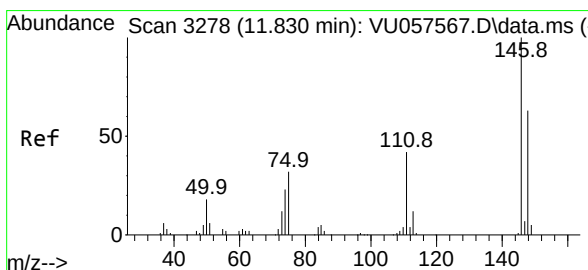
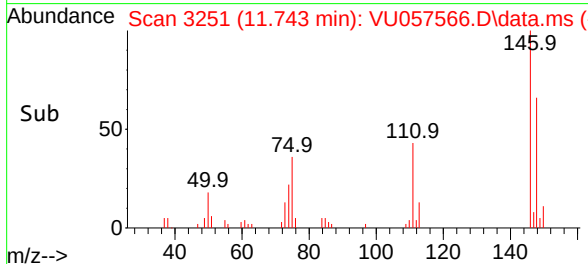
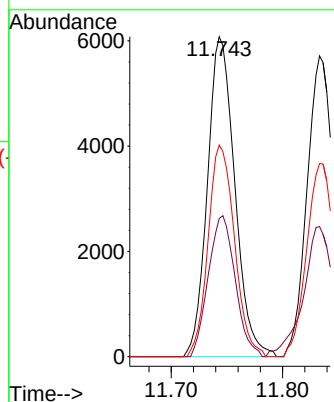


#64
1,3-Dichlorobenzene
Concen: 1.122 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Instrument :
MSVOA_U
ClientSampleId :

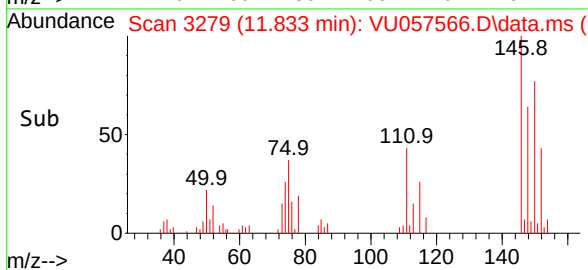
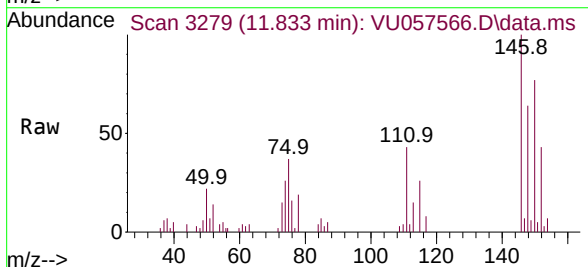
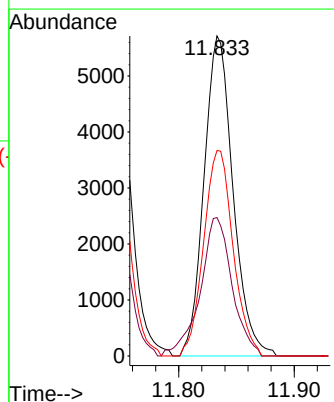


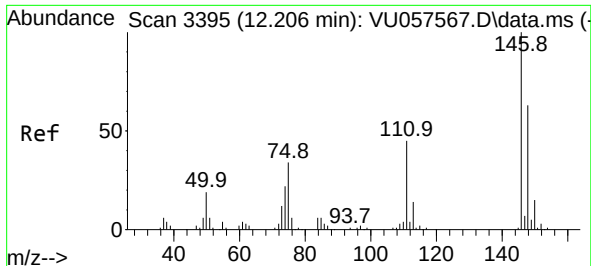
Tgt Ion:146 Resp: 10379
Ion Ratio Lower Upper
146 100
111 43.2 29.6 55.0
148 66.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 1.090 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU057566.D
Acq: 23 Jan 2024 12:39

Tgt Ion:146 Resp: 9982
Ion Ratio Lower Upper
146 100
111 43.3 29.5 54.7
148 64.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 1.087 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Instrument :

MSVOA_U

ClientSampleId :

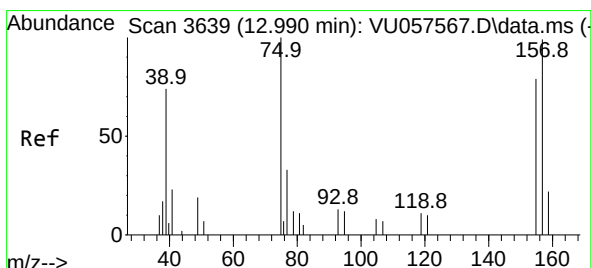
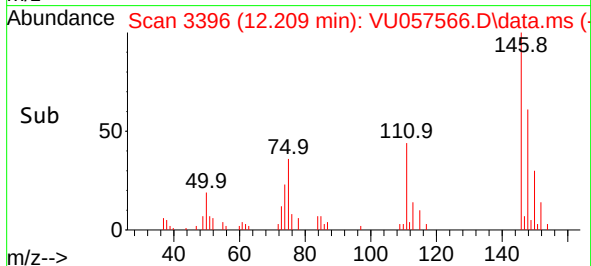
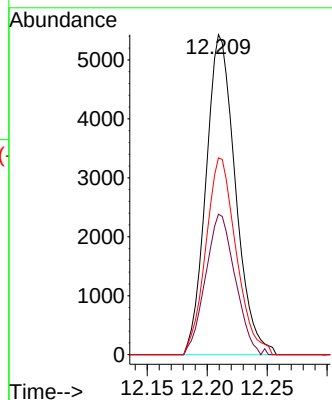
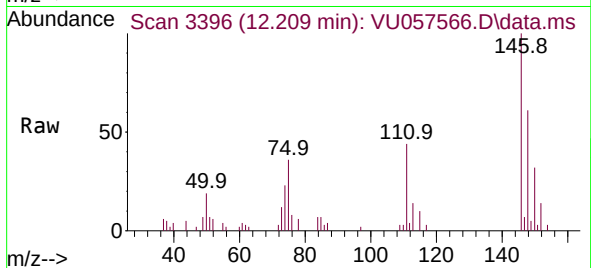
Tgt Ion:146 Resp: 9260

Ion Ratio Lower Upper

146 100

111 43.9 35.7 53.5

148 61.5 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.782 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.007 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

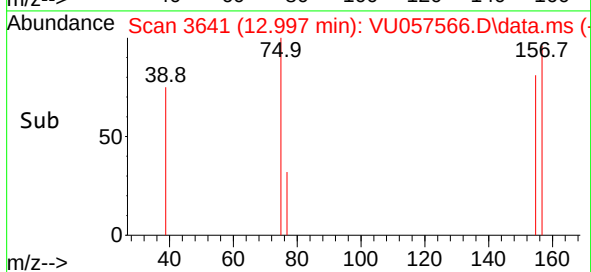
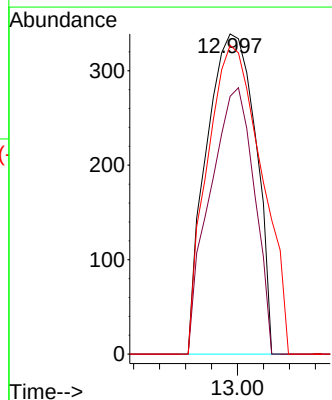
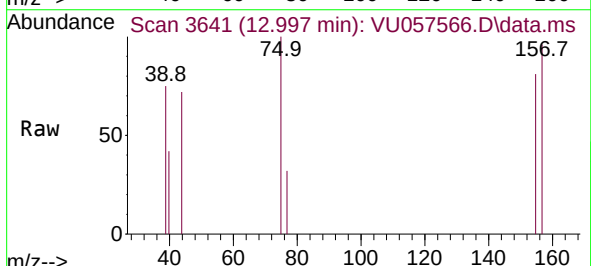
Tgt Ion: 75 Resp: 445

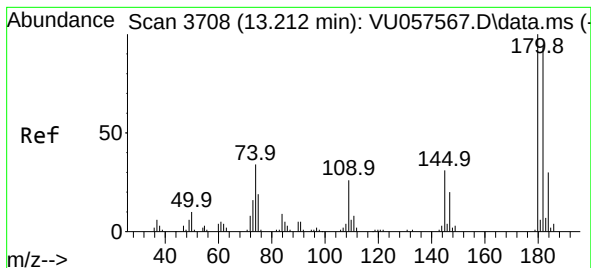
Ion Ratio Lower Upper

75 100

155 80.5 62.8 94.2

157 96.5 78.9 118.3





#69

1,3,5-Trichlorobenzene

Concen: 1.138 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.007 min

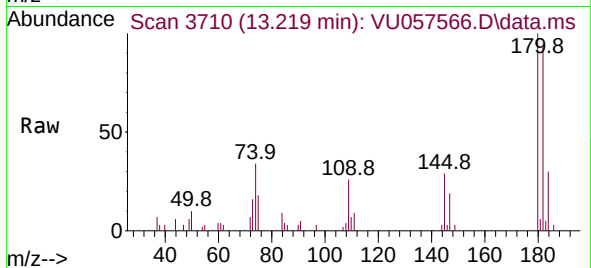
Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 7276

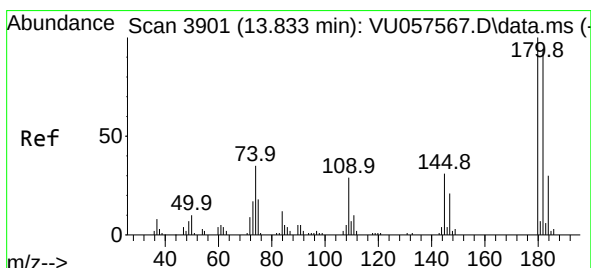
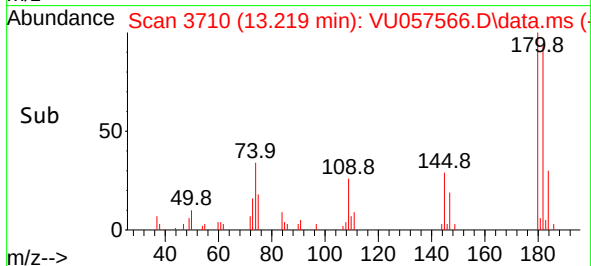
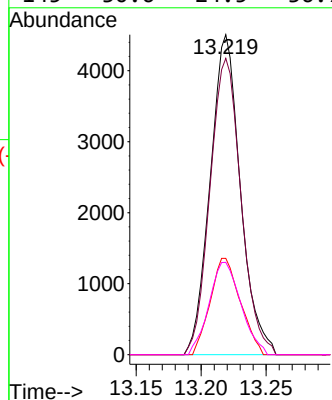
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.2

184 30.0 24.1 36.1

145 30.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 1.105 ug/L

RT: 13.840 min Scan# 3903

Delta R.T. 0.007 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

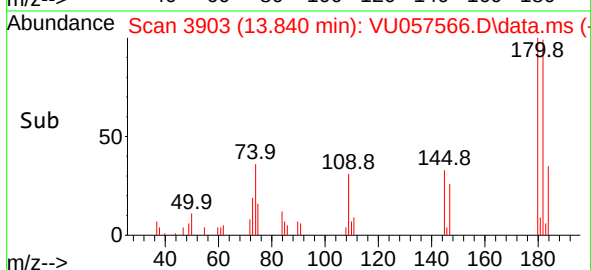
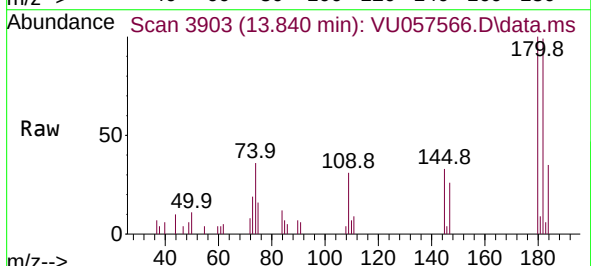
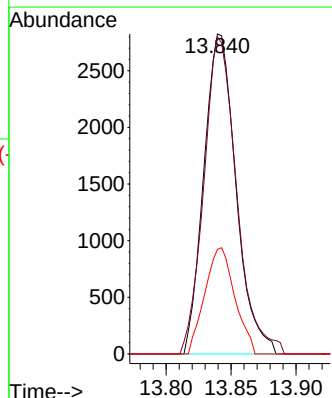
Tgt Ion:180 Resp: 4862

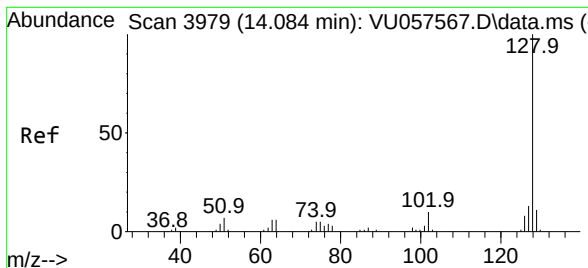
Ion Ratio Lower Upper

180 100

182 100.6 74.9 112.3

145 30.8 25.4 38.2





#71

Naphthalene

Concen: 1.077 ug/L

RT: 14.090 min Scan# 3979

Delta R.T. 0.007 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Instrument :

MSVOA_U

ClientSampleId :

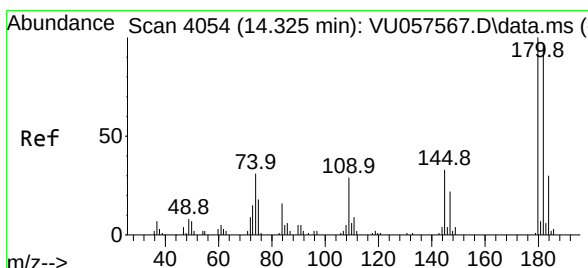
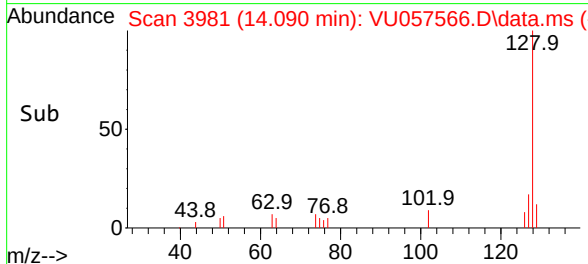
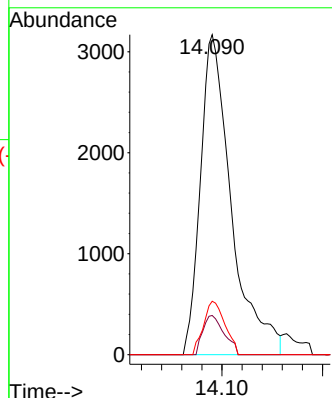
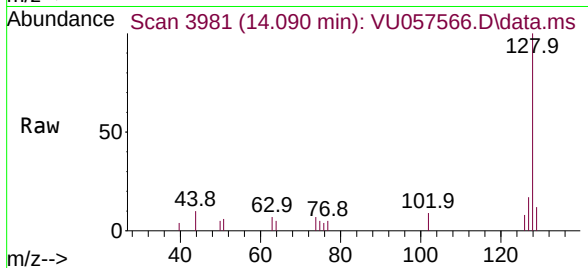
Tgt Ion:128 Resp: 6769

Ion Ratio Lower Upper

128 100

129 8.4 8.6 13.0#

127 11.6 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 1.080 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057566.D

Acq: 23 Jan 2024 12:39

Tgt Ion:180 Resp: 3897

Ion Ratio Lower Upper

180 100

182 96.7 78.1 117.1

145 33.6 26.7 40.1

