

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057571.D
 Acq On : 23 Jan 2024 15:16
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:53:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:42:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	70883	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	63368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30908	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	18836	4.823	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.914	69	15794	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.563	65	8996	4.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.637	46	38249	51.915	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.840%
24) Chloroform-d	5.055	84	39681	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.695	65	18304	5.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.721	84	77013	5.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.685	67	22776	5.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.894	98	72708	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.177	79	9229	5.165	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.631	63	29406	51.580	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.160%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15520	5.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	22112	5.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	29704	4.946	ug/L	99
3) Chloromethane	1.518	50	28942	4.816	ug/L	99
5) Vinyl chloride	1.602	62	31741	4.962	ug/L	99
6) Bromomethane	1.856	94	16821	5.044	ug/L	94
8) Chloroethane	1.933	64	19238	5.022	ug/L	94
9) Trichlorofluoromethane	2.139	101	47699	5.006	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	27900	5.037	ug/L	100
12) 1,1-Dichloroethene	2.579	96	25441	4.939	ug/L	95
13) Acetone	2.663	43	33463	47.798	ug/L	97
14) Carbon disulfide	2.792	76	83580	5.005	ug/L	99
15) Methyl Acetate	2.962	43	8771	4.869	ug/L	95
16) Methylene chloride	3.042	84	26811	4.848	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	60453	4.935	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	27301	5.032	ug/L	98
19) 1,1-Dichloroethane	3.862	63	50073	4.997	ug/L	97
21) 2-Butanone	4.718	43	52402	47.719	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	29776	5.105	ug/L	100
23) Bromochloromethane	4.968	128	11630	4.963	ug/L	91
25) Chloroform	5.081	83	51908	4.883	ug/L	97

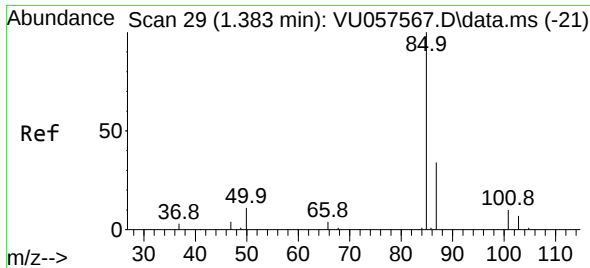
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057571.D
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 ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Jan 24 00:53:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	31816	5.137	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	47587	5.116	ug/L	99
30) Cyclohexane	5.383	56	46053	5.132	ug/L	99
31) Carbon tetrachloride	5.518	117	42790	5.215	ug/L	100
33) Benzene	5.769	78	112211	5.163	ug/L	100
34) Trichloroethene	6.537	95	31018	5.176	ug/L	98
35) Methylcyclohexane	6.759	83	50792	5.247	ug/L	98
37) 1,2-Dichloropropane	6.785	63	28229	5.192	ug/L	100
38) Bromodichloromethane	7.100	83	37390	5.110	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	44200	5.230	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	134105	51.685	ug/L	100
42) Toluene	7.965	91	121890	5.201	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	35996	5.242	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	18315	5.178	ug/L	98
47) Tetrachloroethene	8.547	164	22338	5.073	ug/L	98
48) 2-Hexanone	8.679	43	95367	52.380	ug/L	96
49) Dibromochloromethane	8.804	129	23605	5.154	ug/L	100
50) 1,2-Dibromoethane	8.920	107	17351	5.055	ug/L	97
51) Chlorobenzene	9.441	112	77388	5.265	ug/L	98
52) Ethylbenzene	9.563	91	138706	5.253	ug/L	100
53) m,p-Xylene	9.688	106	50592	5.192	ug/L	95
54) o-Xylene	10.094	106	49627	5.225	ug/L	99
55) Styrene	10.110	104	76793	5.285	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	22055	5.140	ug/L	99
59) Bromoform	10.286	173	12943	5.155	ug/L	97
60) Isopropylbenzene	10.479	105	123744	5.110	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	15626	5.037	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	113251	5.247	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	114427	5.298	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57144	5.169	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	56211	5.313	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	50716	5.142	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3384	5.795	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	44666	5.505	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	35266	5.933	ug/L	98
71) Naphthalene	14.081	128	53539	6.363	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	27954	6.042	ug/L	98

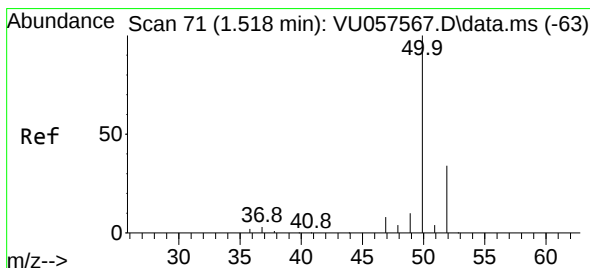
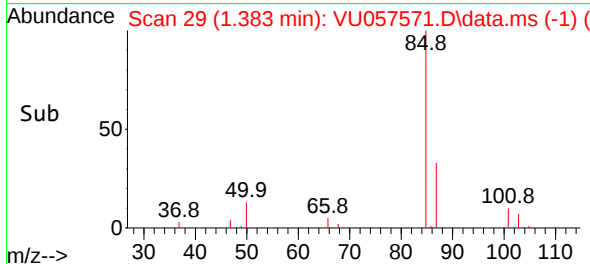
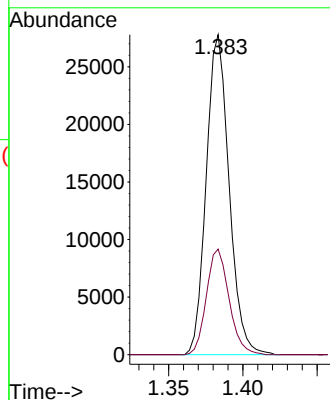
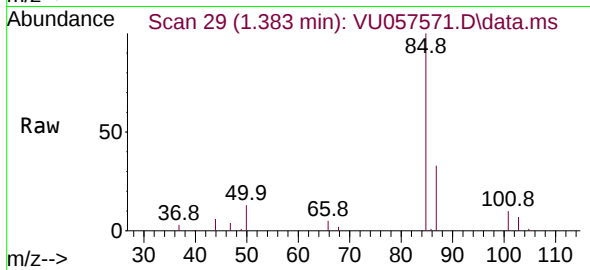
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#2
 Dichlorodifluoromethane
 Concen: 4.946 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057571.D
 Acq: 23 Jan 2024 15:16

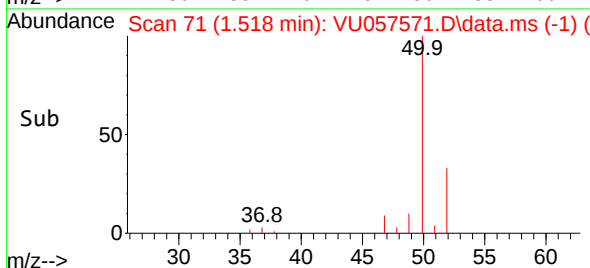
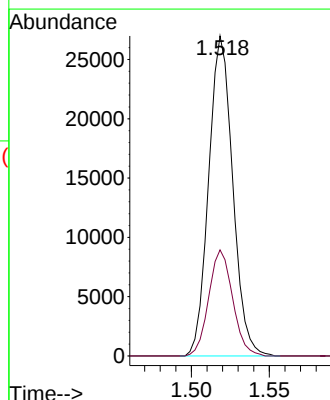
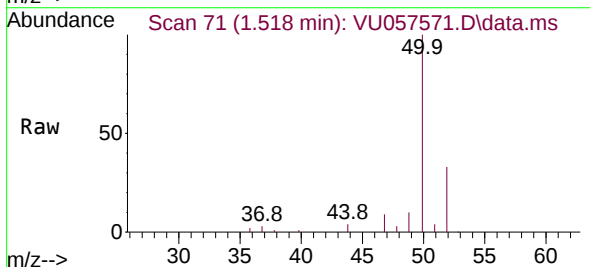
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 MSVOA_U
 ClientSampleId :

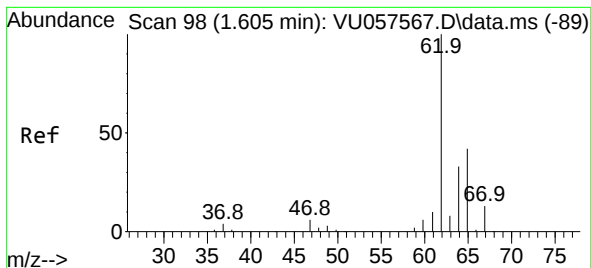
Tgt Ion: 85 Resp: 29704
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.4 39.6



#3
 Chloromethane
 Concen: 4.816 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057571.D
 Acq: 23 Jan 2024 15:16

Tgt Ion: 50 Resp: 28942
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 43.9





#5

Vinyl chloride

Concen: 4.962 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

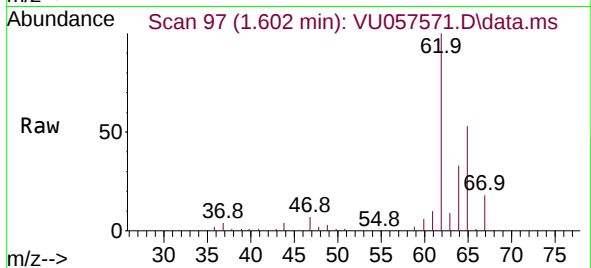
Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

Instrument :

MSVOA_U

ClientSampleId :

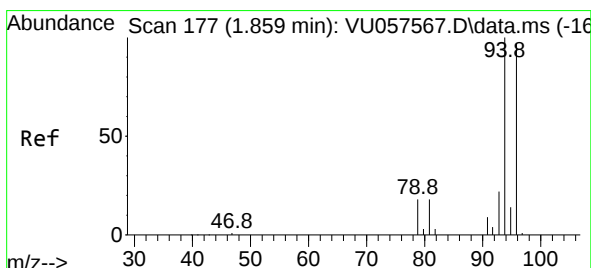
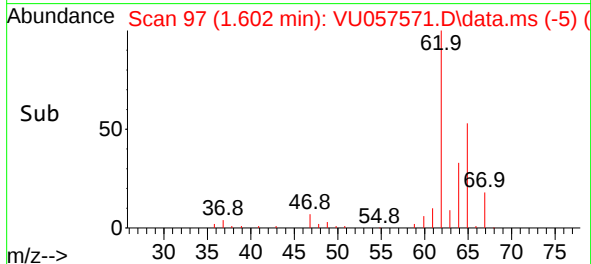
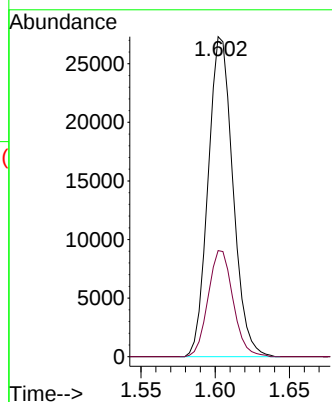


Tgt Ion: 62 Resp: 31741

Ion Ratio Lower Upper

62 100

64 33.1 22.8 42.4



#6

Bromomethane

Concen: 5.044 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.003 min

Lab File: VU057571.D

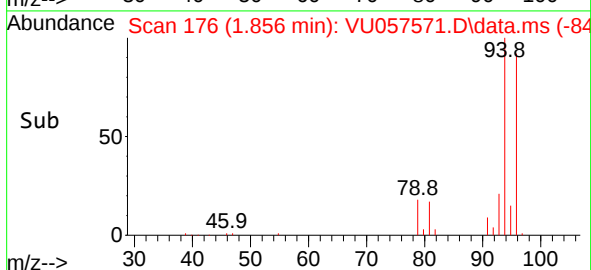
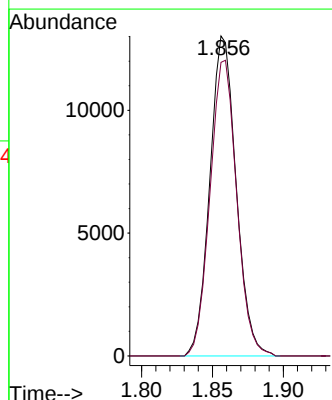
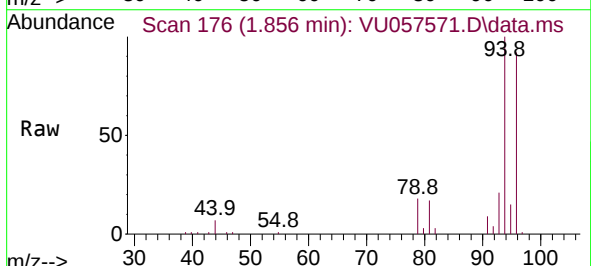
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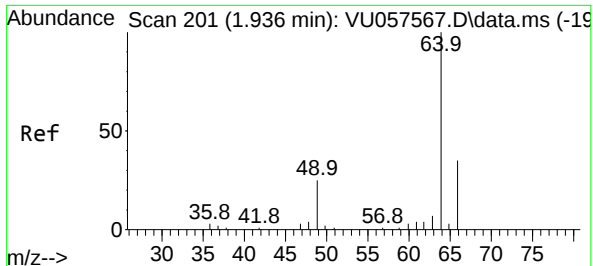
Tgt Ion: 94 Resp: 16821

Ion Ratio Lower Upper

94 100

96 91.8 68.0 126.4

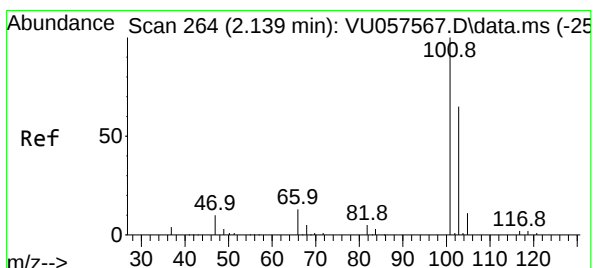
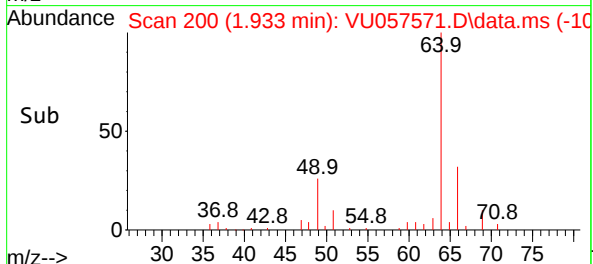
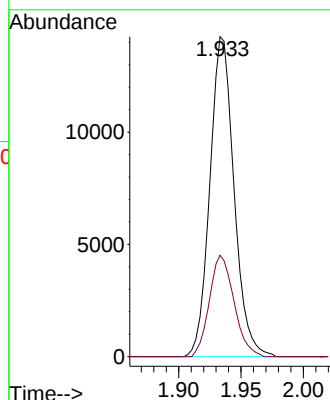
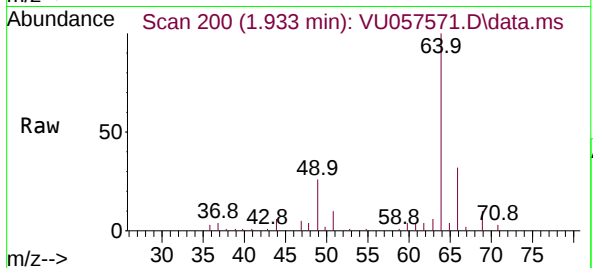




#8
Chloroethane
Concen: 5.022 ug/L
RT: 1.933 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

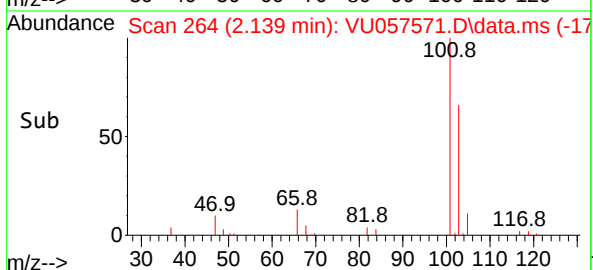
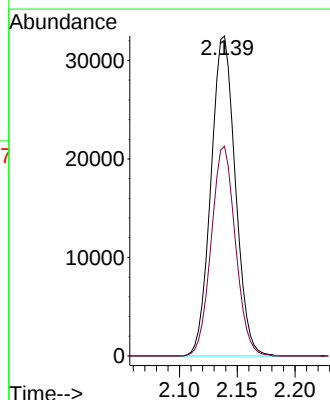
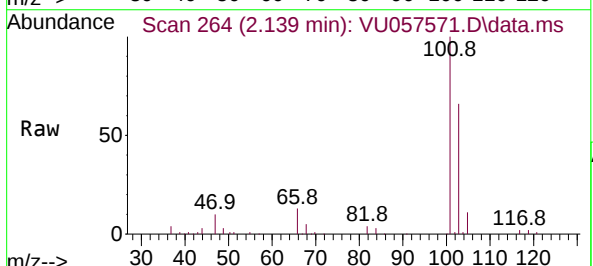
Instrument :
MSVOA_U
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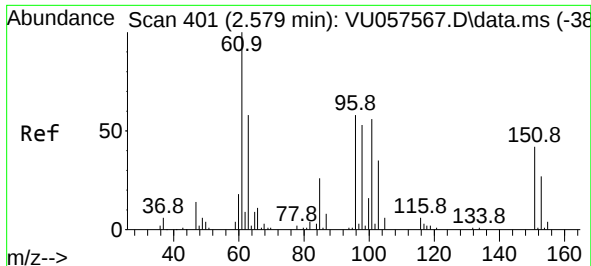
Tgt Ion: 64 Resp: 19238
Ion Ratio Lower Upper
64 100
66 31.7 24.5 45.5



#9
Trichlorofluoromethane
Concen: 5.006 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Tgt Ion:101 Resp: 47699
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.2

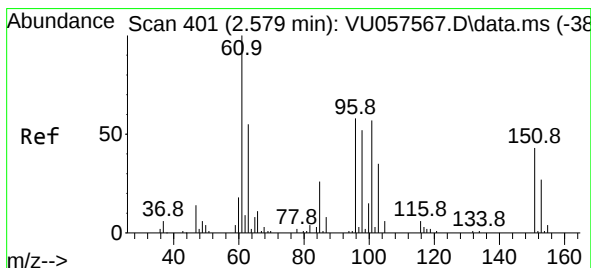
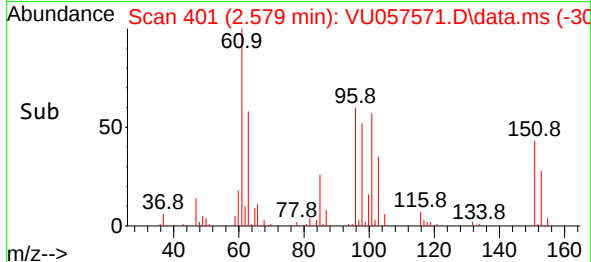
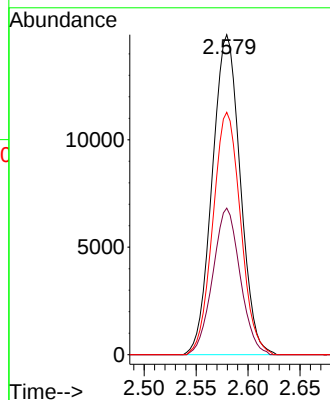
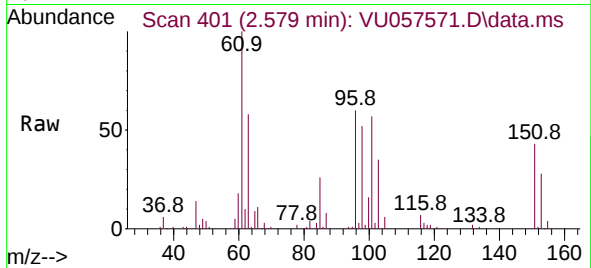




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.037 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU057571.D
 Acq: 23 Jan 2024 15:16

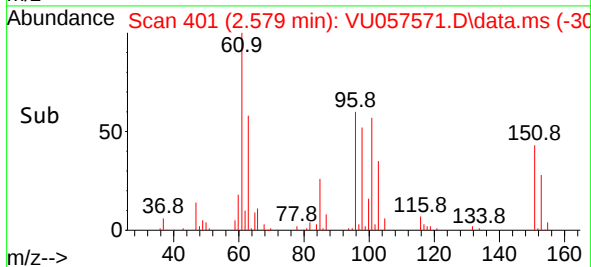
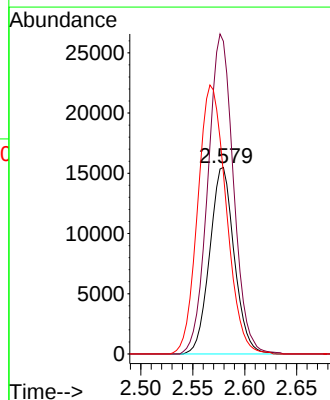
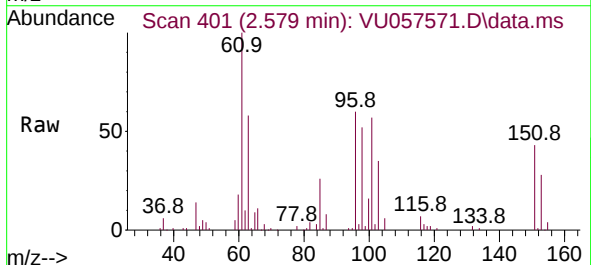
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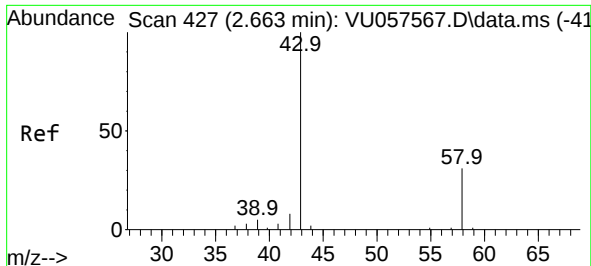
Tgt Ion:101 Resp: 27900
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.8 53.8
 151 75.0 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 4.939 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU057571.D
 Acq: 23 Jan 2024 15:16

Tgt Ion: 96 Resp: 25441
 Ion Ratio Lower Upper
 96 100
 61 167.6 120.7 224.1
 63 96.9 72.5 134.7





#13

Acetone

Concen: 47.798 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

Instrument :

MSVOA_U

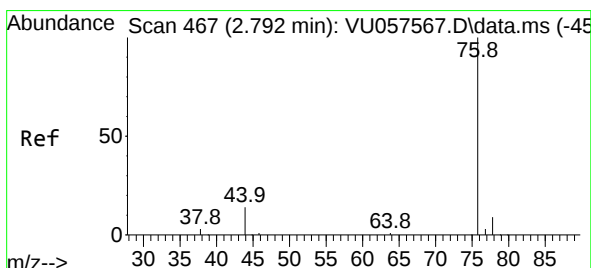
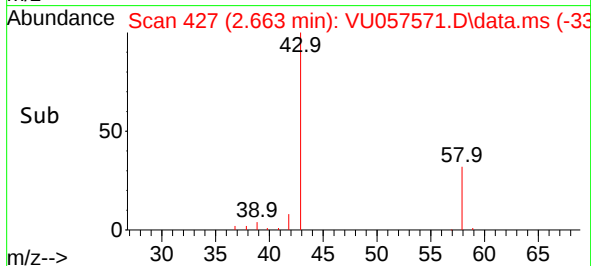
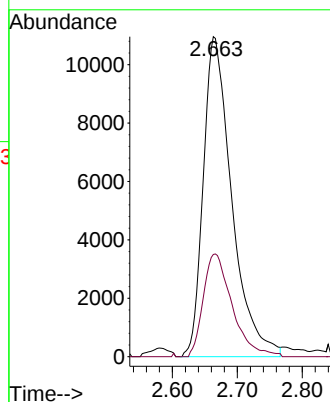
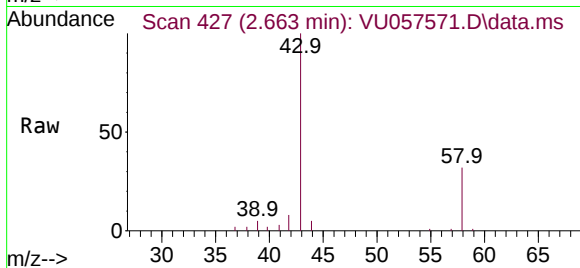
ClientSampleId :

Tgt Ion: 43 Resp: 33463

Ion Ratio Lower Upper

43 100

58 32.6 0.0 61.4



#14

Carbon disulfide

Concen: 5.005 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057571.D

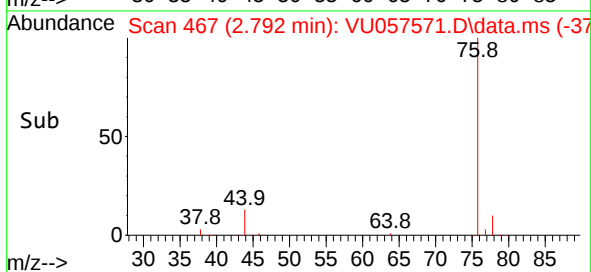
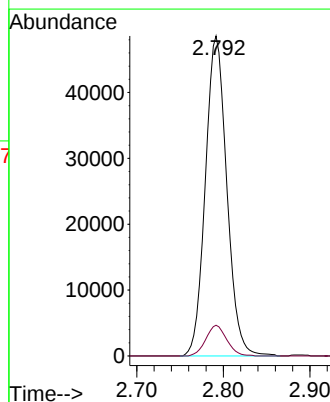
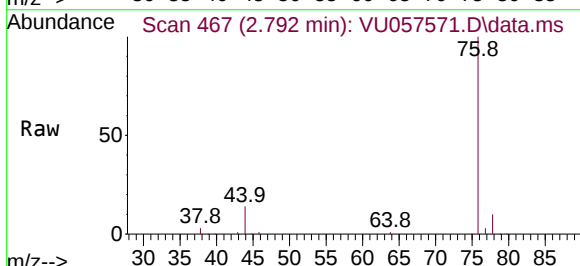
Acq: 23 Jan 2024 15:16

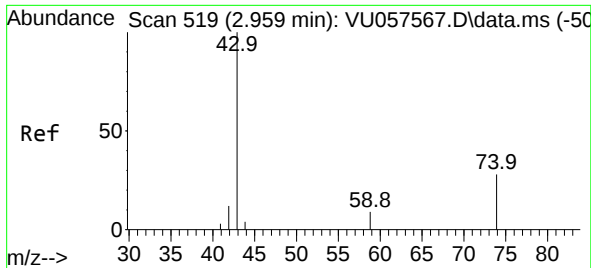
Tgt Ion: 76 Resp: 83580

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

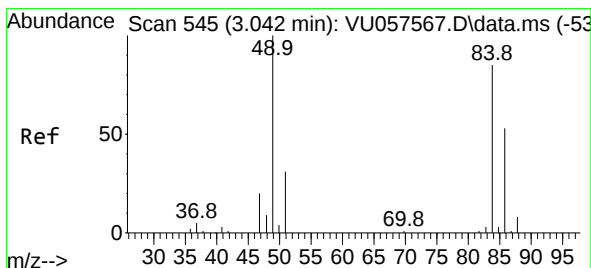
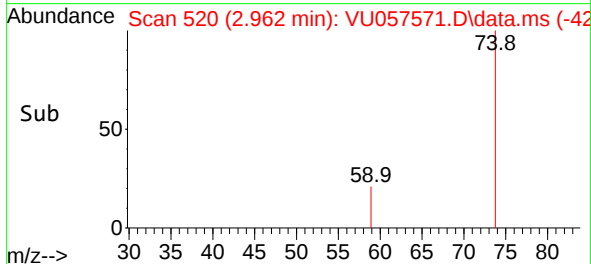
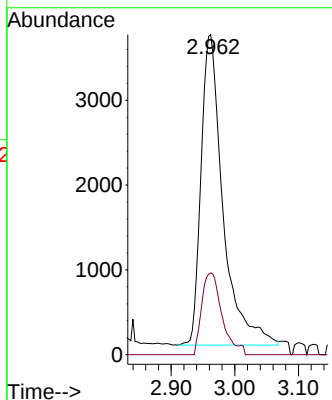
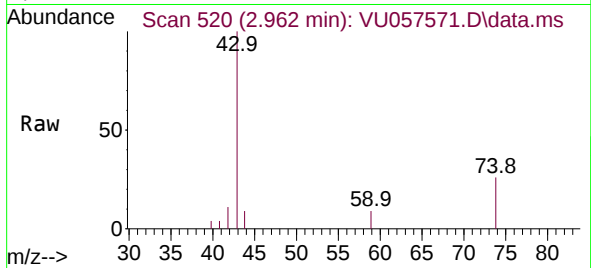




#15
Methyl Acetate
Concen: 4.869 ug/L
RT: 2.962 min Scan# 519
Delta R.T. 0.003 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

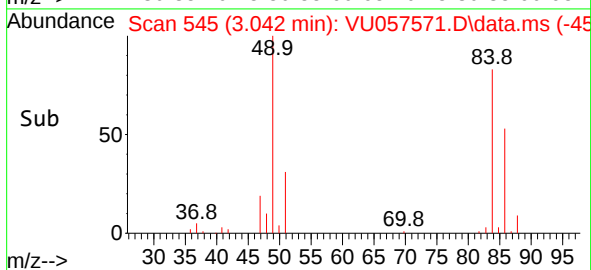
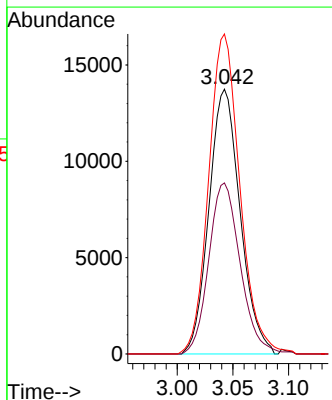
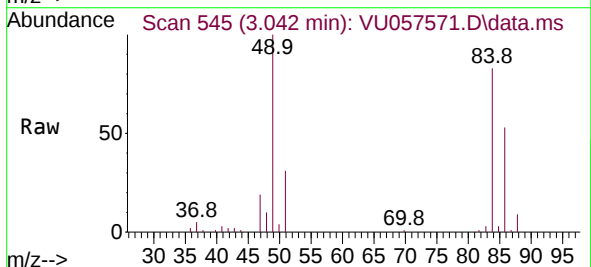
Instrument :
MSVOA_U
ClientSampleId :

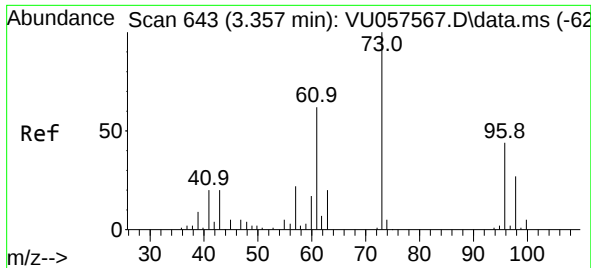
Tgt Ion: 43 Resp: 8771
Ion Ratio Lower Upper
43 100
74 23.6 20.7 31.1



#16
Methylene chloride
Concen: 4.848 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

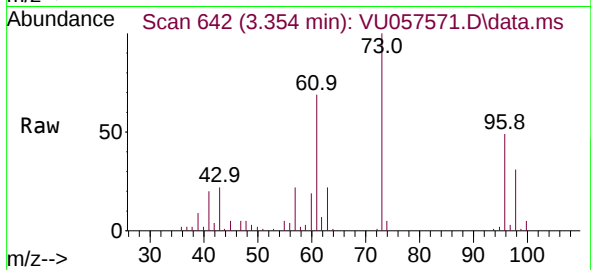
Tgt Ion: 84 Resp: 26811
Ion Ratio Lower Upper
84 100
86 64.6 43.5 80.9
49 120.9 82.5 153.1



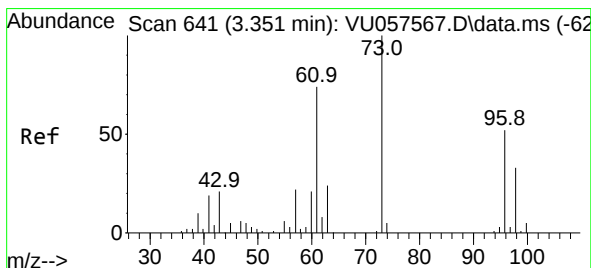
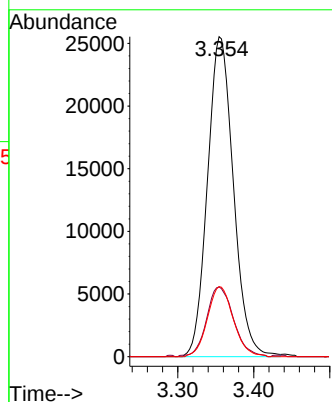
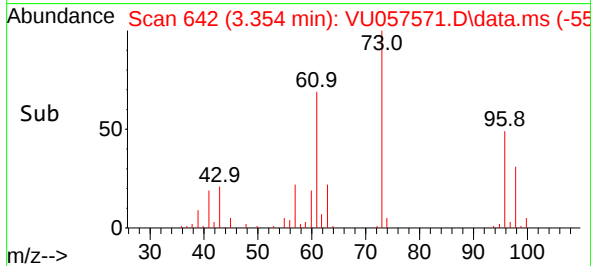


#17
Methyl tert-butyl Ether
Concen: 4.935 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

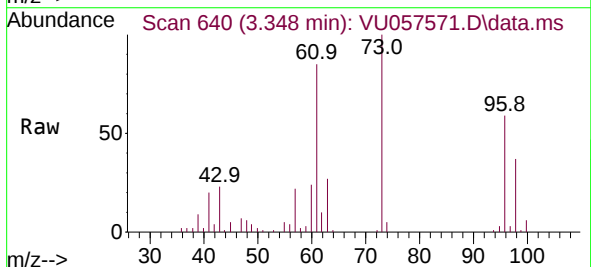
Instrument :
MSVOA_U
ClientSampleId :



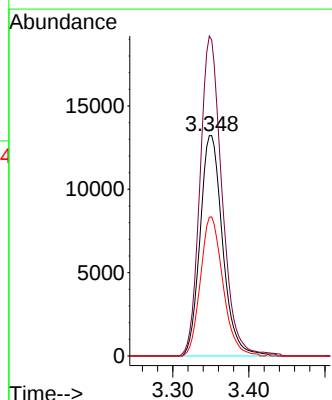
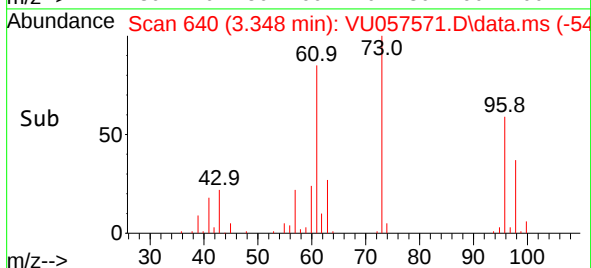
Tgt Ion: 73 Resp: 60453
Ion Ratio Lower Upper
73 100
43 22.7 17.3 25.9
57 21.9 17.7 26.5

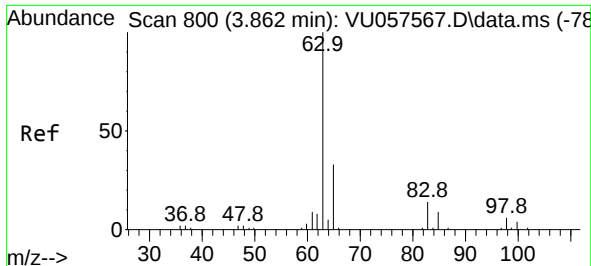


#18
trans-1,2-Dichloroethene
Concen: 5.032 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16



Tgt Ion: 96 Resp: 27301
Ion Ratio Lower Upper
96 100
61 145.3 99.3 184.5
98 63.0 44.5 82.7

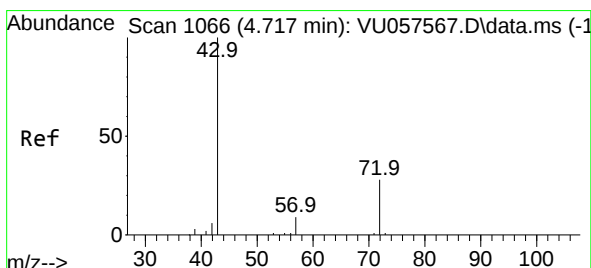
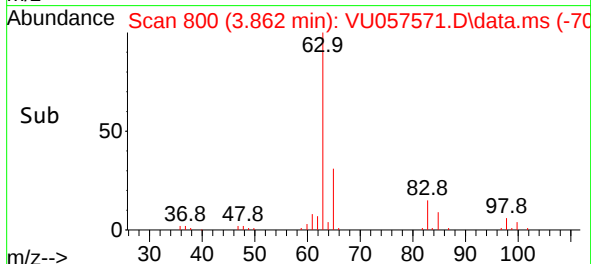
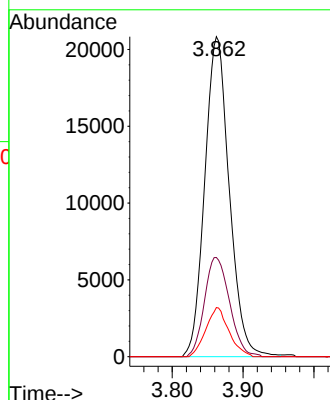
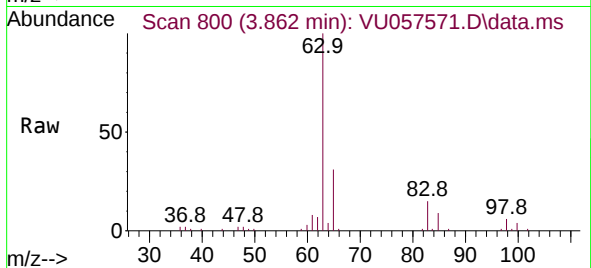




#19
1,1-Dichloroethane
Concen: 4.997 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

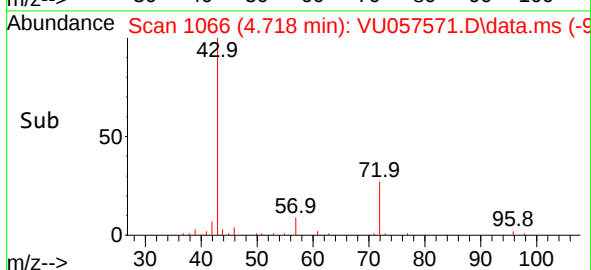
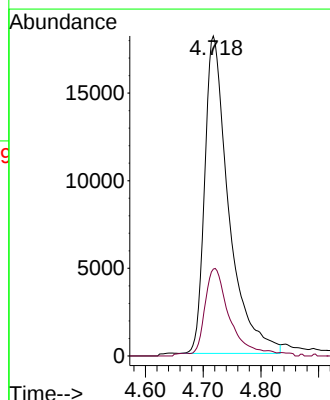
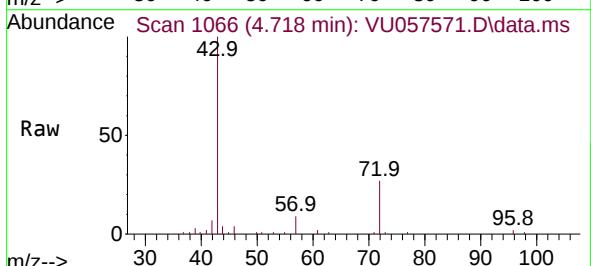
Instrument :
MSVOA_U
ClientSampleId :

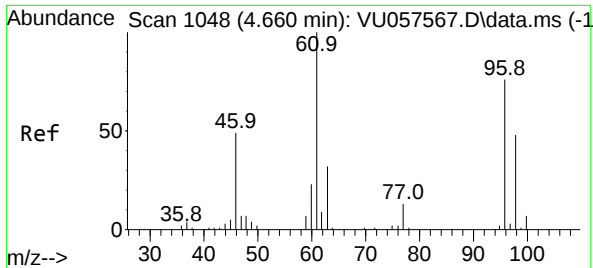
Tgt Ion: 63 Resp: 50073
Ion Ratio Lower Upper
63 100
65 31.0 23.0 42.8
83 15.4 9.7 17.9



#21
2-Butanone
Concen: 47.719 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Tgt Ion: 43 Resp: 52402
Ion Ratio Lower Upper
43 100
72 26.4 14.7 44.1

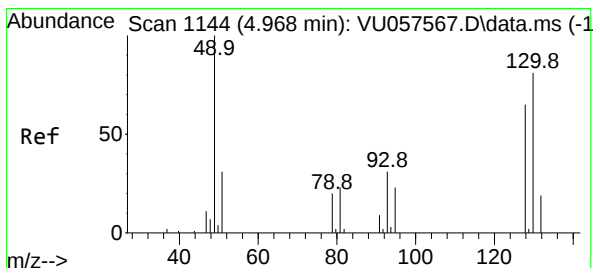
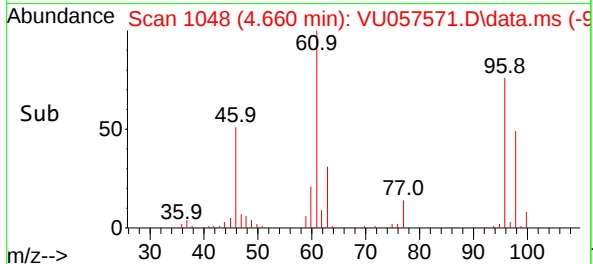
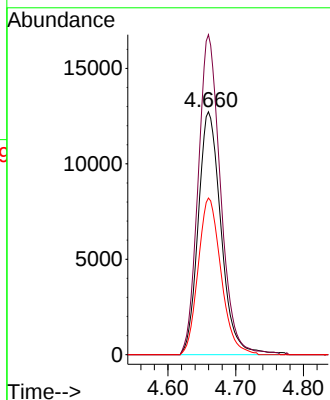
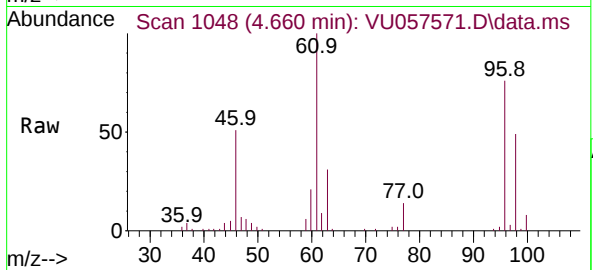




#22
 cis-1,2-Dichloroethene
 Concen: 5.105 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057571.D
 Acq: 23 Jan 2024 15:16

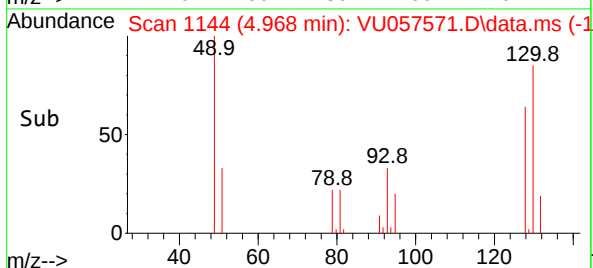
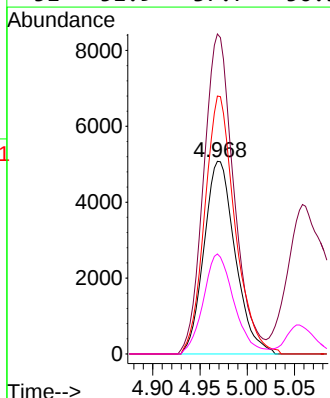
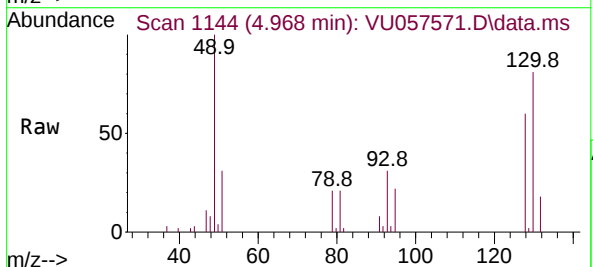
Instrument :
 MSVOA_U
 ClientSampleId :

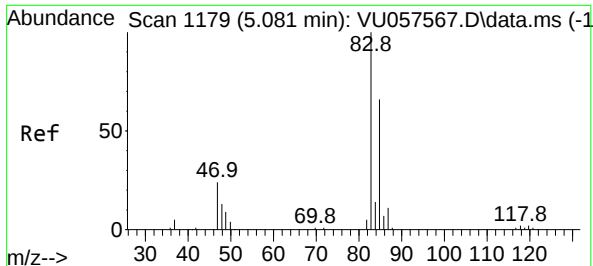
Tgt Ion:	96	Resp:	29776
Ion	Ratio	Lower	Upper
96	100		
61	131.7	92.7	172.1
98	64.5	44.9	83.5



#23
 Bromochloromethane
 Concen: 4.963 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057571.D
 Acq: 23 Jan 2024 15:16

Tgt Ion:	128	Resp:	11630
Ion	Ratio	Lower	Upper
128	100		
49	172.3	111.5	207.1
130	133.9	87.2	162.0
51	51.9	37.7	56.5





#25

Chloroform

Concen: 4.883 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

Instrument :

MSVOA_U

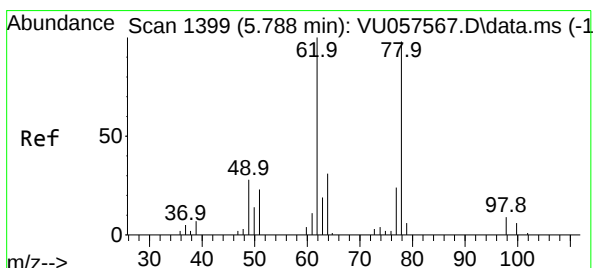
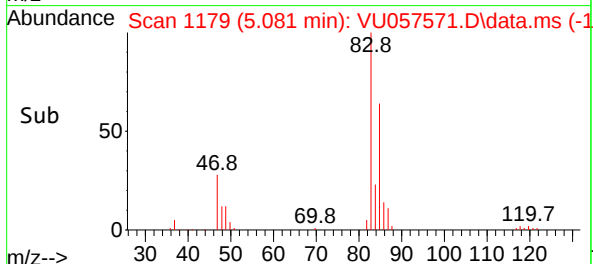
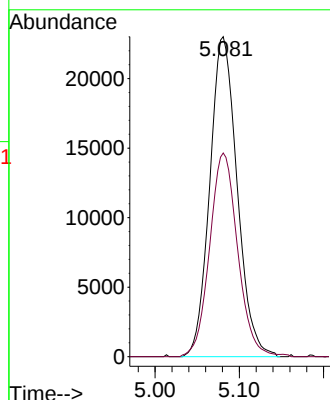
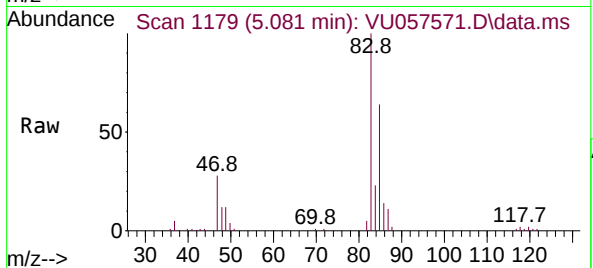
ClientSampleId :

Tgt Ion: 83 Resp: 51908

Ion Ratio Lower Upper

83 100

85 63.7 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.137 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057571.D

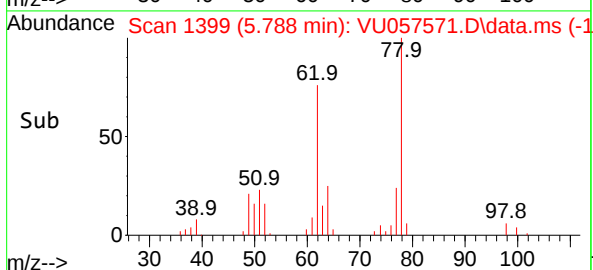
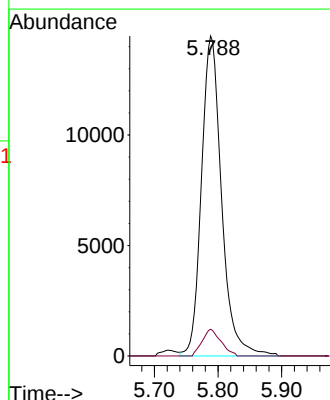
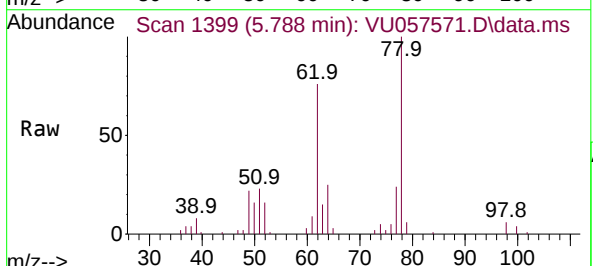
Acq: 23 Jan 2024 15:16

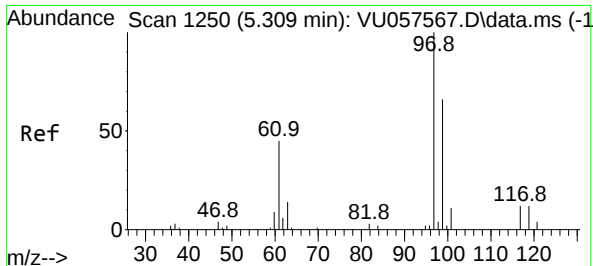
Tgt Ion: 62 Resp: 31816

Ion Ratio Lower Upper

62 100

98 8.4 6.9 10.3

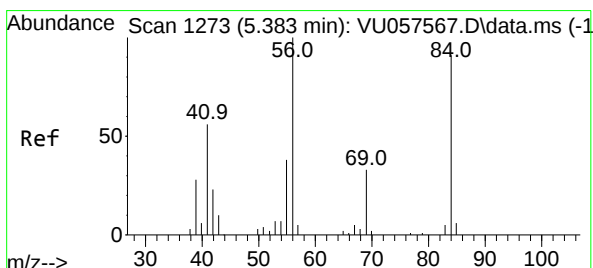
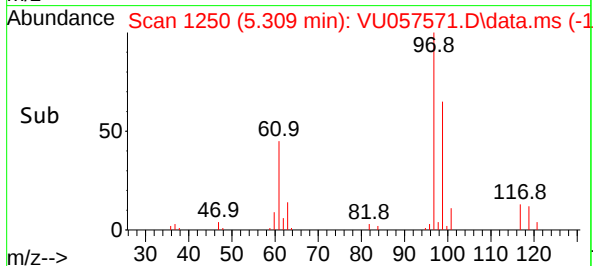
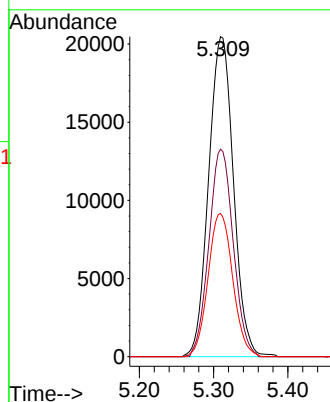
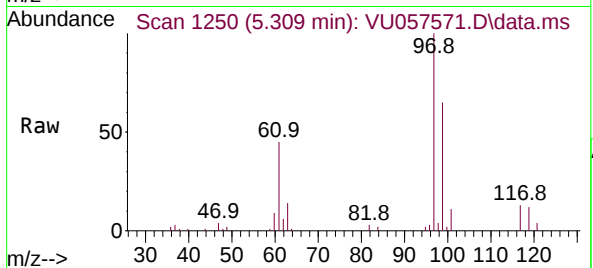




#29
1,1,1-Trichloroethane
Concen: 5.116 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

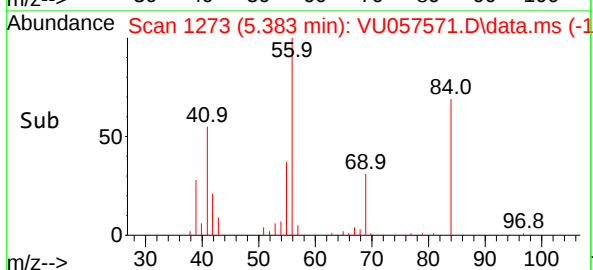
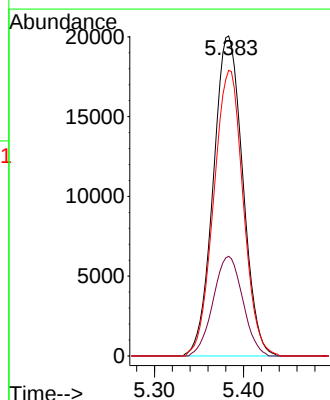
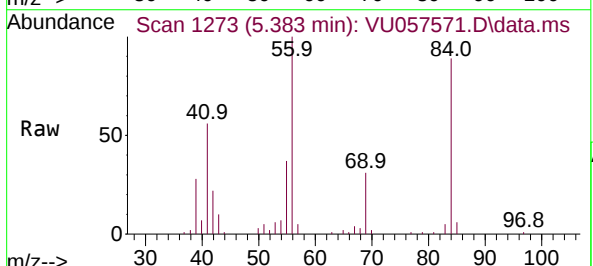
Instrument :
MSVOA_U
ClientSampleId :

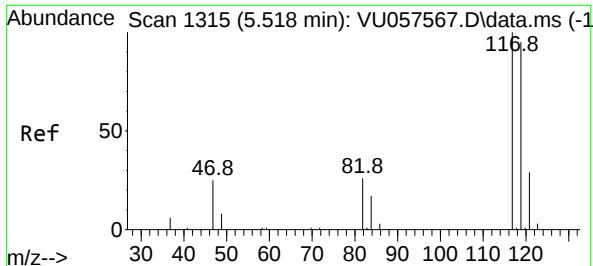
Tgt Ion: 97	Resp: 47587
Ion Ratio	Lower Upper
97 100	
99 63.6	52.0 78.0
61 44.4	35.3 52.9



#30
Cyclohexane
Concen: 5.132 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Tgt Ion: 56	Resp: 46053
Ion Ratio	Lower Upper
56 100	
69 31.3	25.8 38.8
84 89.2	72.0 108.0

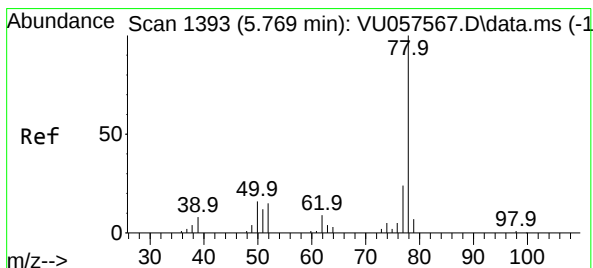
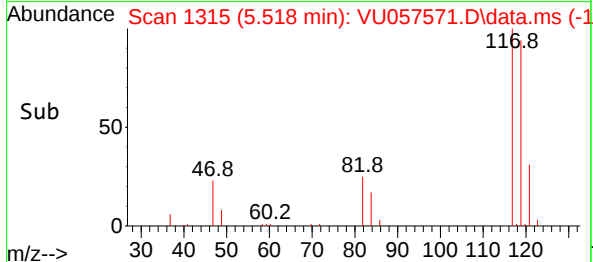
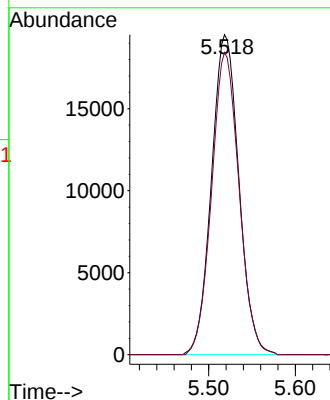
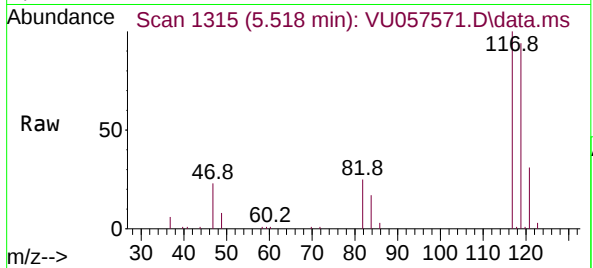




#31
Carbon tetrachloride
Concen: 5.215 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

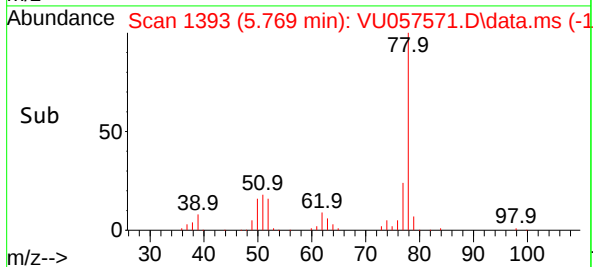
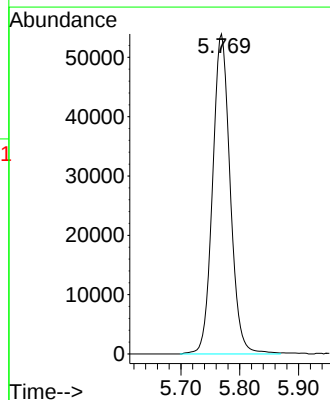
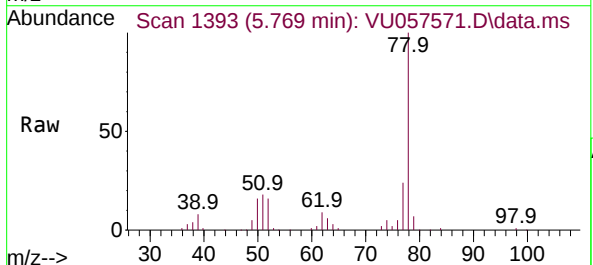
Instrument :
MSVOA_U
ClientSampleId :

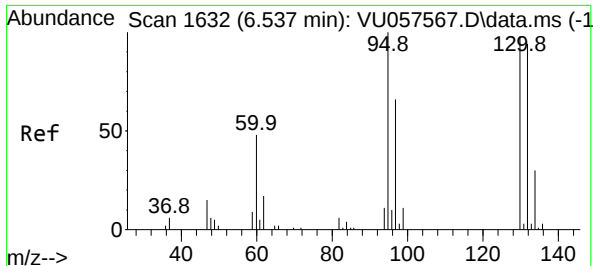
Tgt Ion:117 Resp: 42790
Ion Ratio Lower Upper
117 100
119 94.6 75.6 113.4



#33
Benzene
Concen: 5.163 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

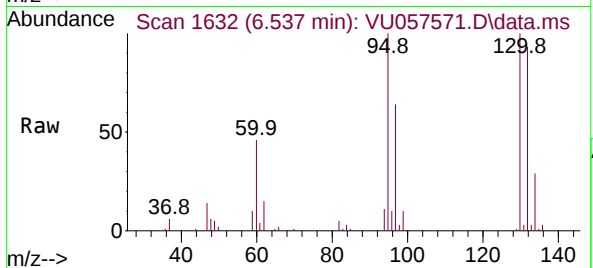
Tgt Ion: 78 Resp: 112211



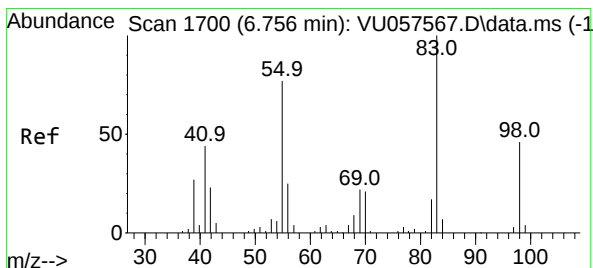
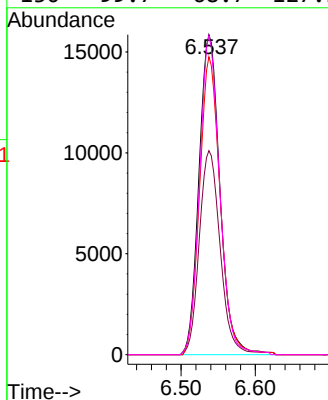
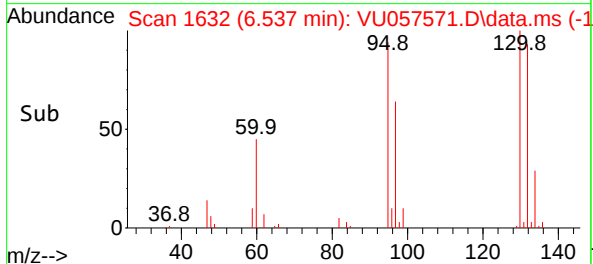


#34
Trichloroethene
Concen: 5.176 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

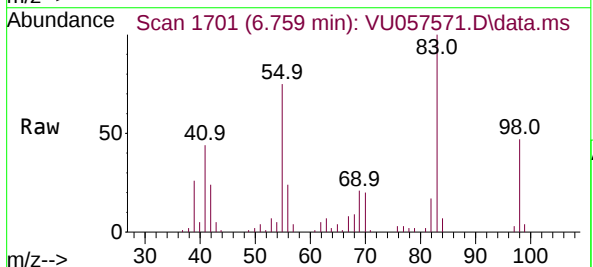
Instrument :
MSVOA_U
ClientSampleId :



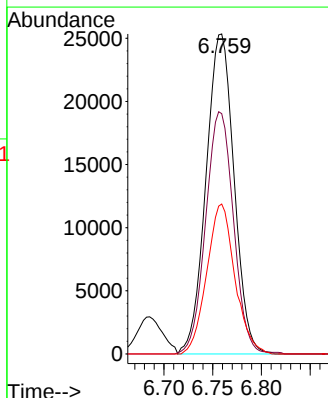
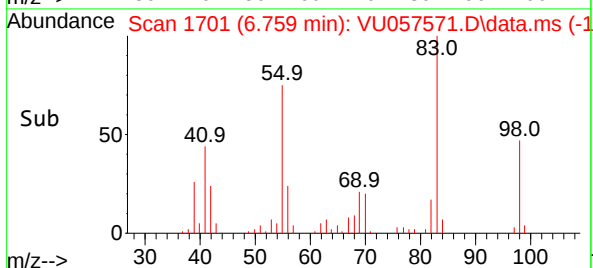
Tgt Ion: 95 Resp: 31018
Ion Ratio Lower Upper
95 100
97 63.8 46.1 85.5
132 93.1 66.1 122.8
130 99.7 68.7 127.5

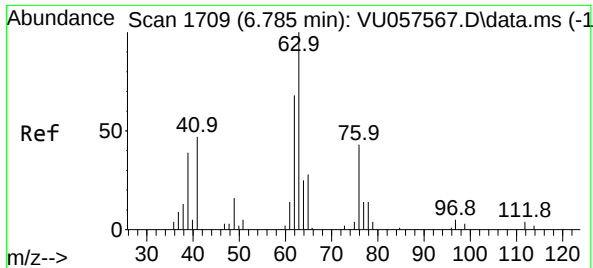


#35
Methylcyclohexane
Concen: 5.247 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16



Tgt Ion: 83 Resp: 50792
Ion Ratio Lower Upper
83 100
55 75.0 61.4 92.0
98 47.0 38.2 57.4

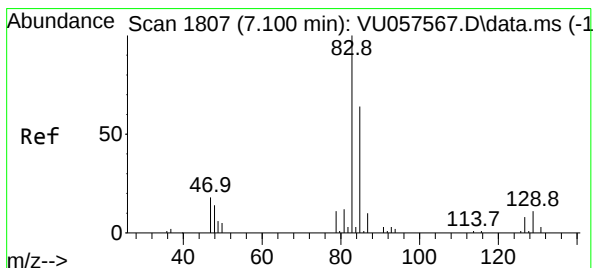
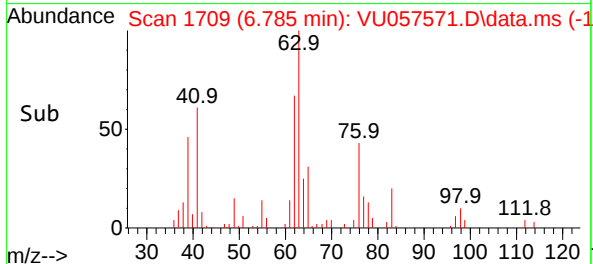
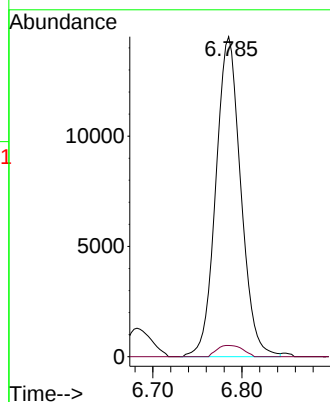
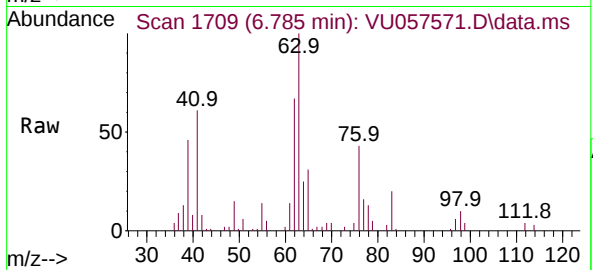




#37
1,2-Dichloropropane
Concen: 5.192 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

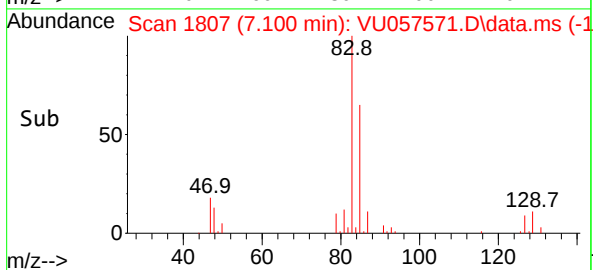
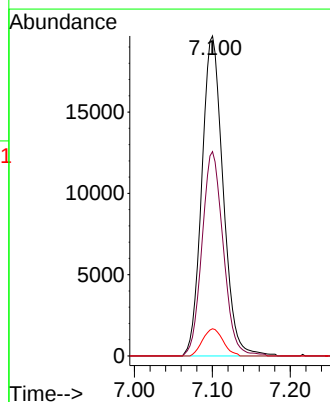
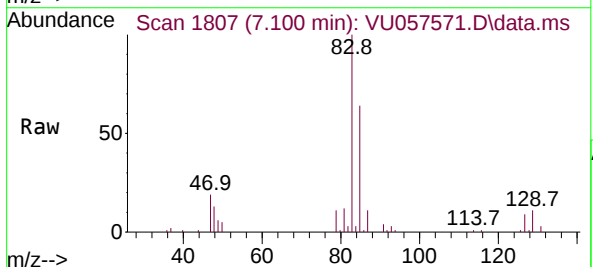
Instrument :
MSVOA_U
ClientSampleId :

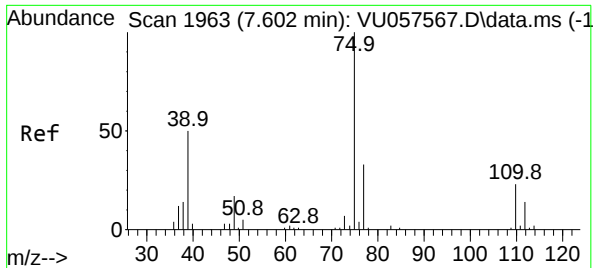
Tgt Ion: 63 Resp: 28229
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 5.110 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Tgt Ion: 83 Resp: 37390
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 5.230 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

Instrument :

MSVOA_U

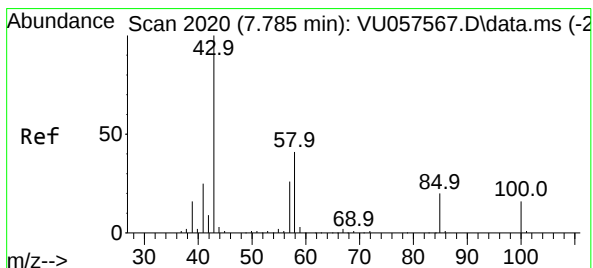
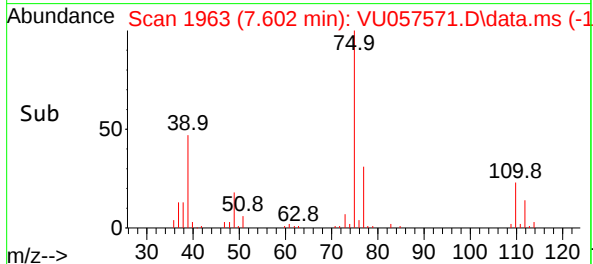
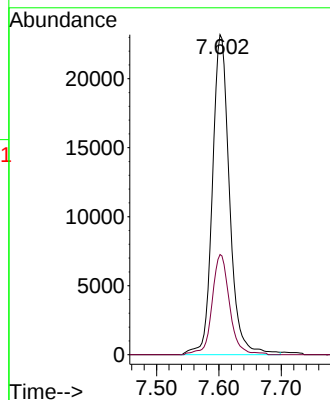
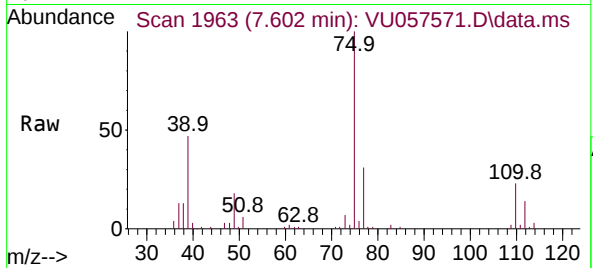
ClientSampleId :

Tgt Ion: 75 Resp: 44200

Ion Ratio Lower Upper

75 100

77 31.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 51.685 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

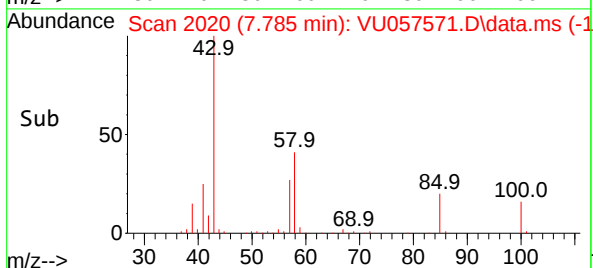
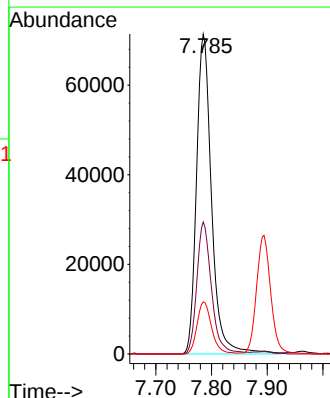
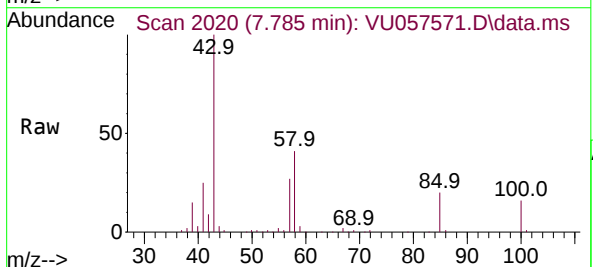
Tgt Ion: 43 Resp: 134105

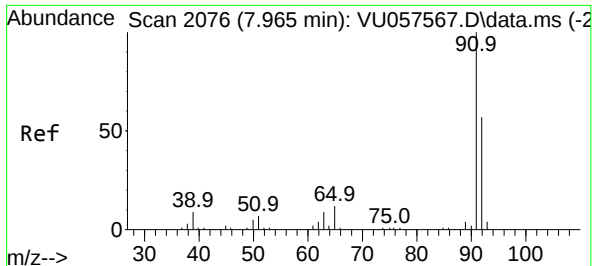
Ion Ratio Lower Upper

43 100

58 40.2 32.3 48.5

100 15.8 12.6 18.8





#42

Toluene

Concen: 5.201 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

Instrument :

MSVOA_U

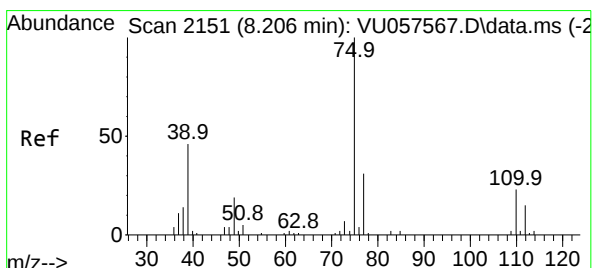
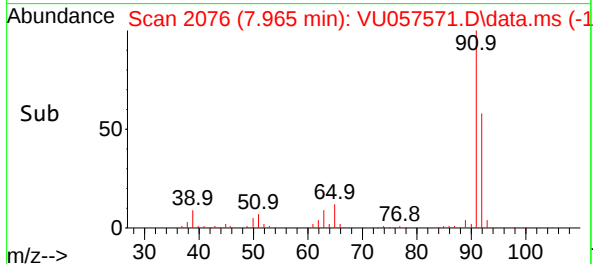
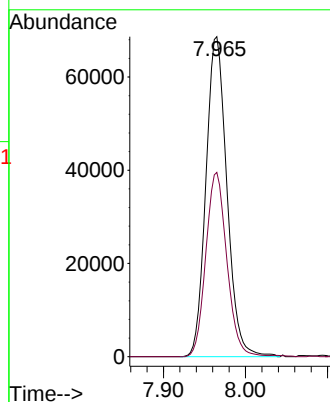
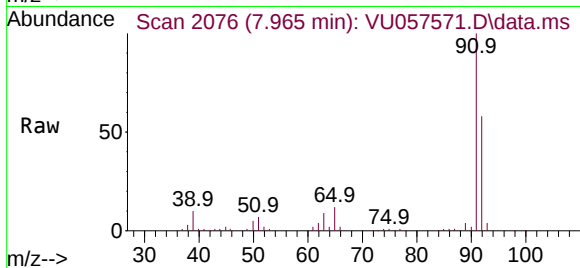
ClientSampleId :

Tgt Ion: 91 Resp: 121890

Ion Ratio Lower Upper

91 100

92 57.6 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.242 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057571.D

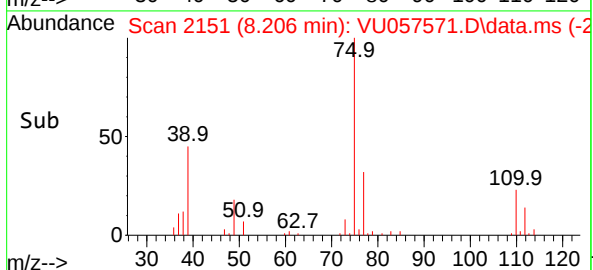
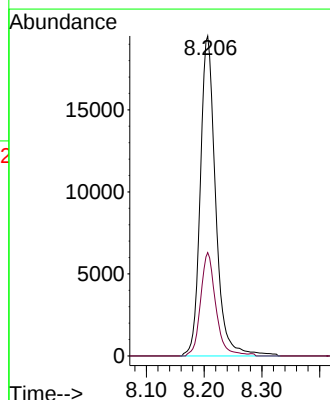
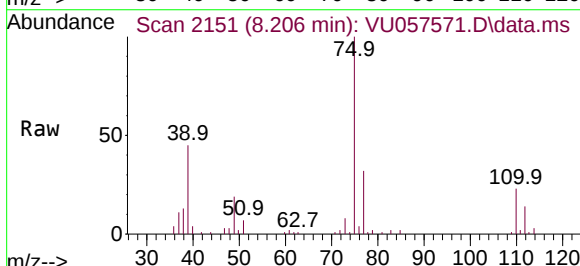
Acq: 23 Jan 2024 15:16

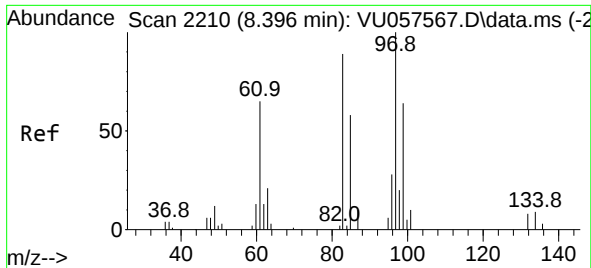
Tgt Ion: 75 Resp: 35996

Ion Ratio Lower Upper

75 100

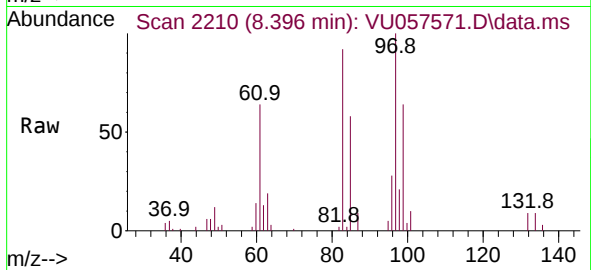
77 32.3 21.3 39.6



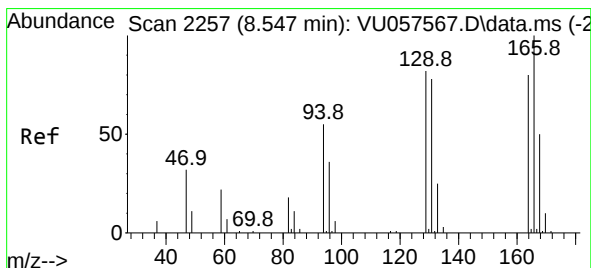
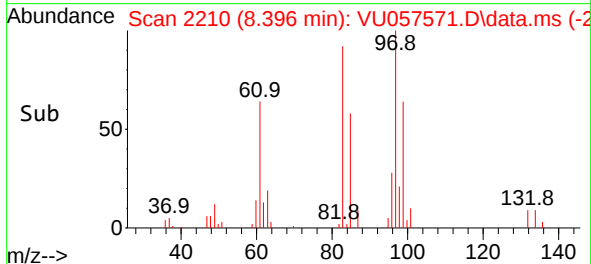
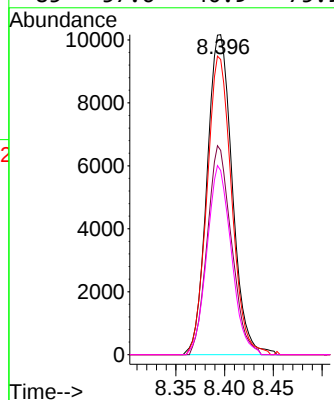


#45
1,1,2-Trichloroethane
Concen: 5.178 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Instrument :
MSVOA_U
ClientSampleId :

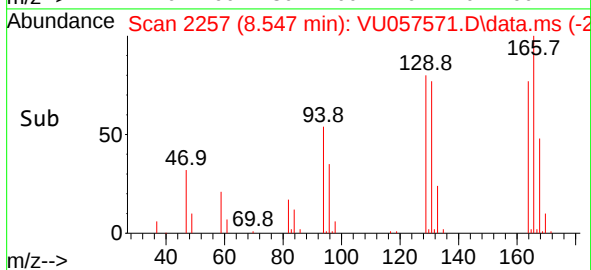
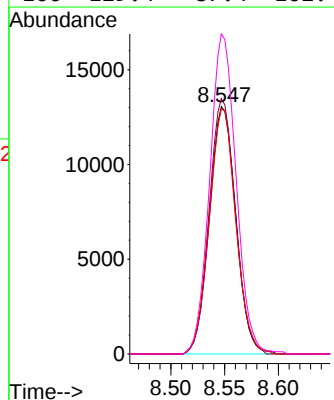
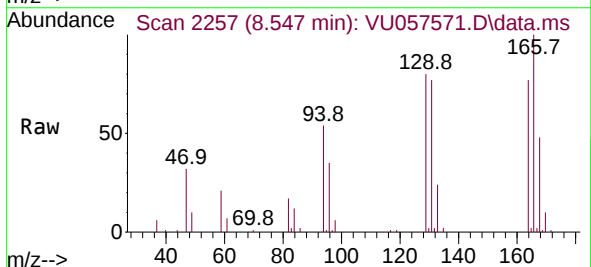


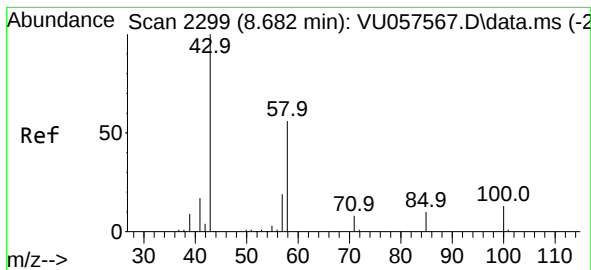
Tgt Ion:	97	Resp:	18315
Ion	Ratio	Lower	Upper
97	100		
99	63.9	45.1	83.7
83	92.2	62.3	115.7
85	57.6	40.9	75.9



#47
Tetrachloroethene
Concen: 5.073 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Tgt Ion:	164	Resp:	22338
Ion	Ratio	Lower	Upper
164	100		
129	103.3	71.3	132.5
131	99.0	68.1	126.5
166	129.4	87.4	162.4





#48

2-Hexanone

Concen: 52.380 ug/L

RT: 8.679 min Scan# 21

Delta R.T. -0.003 min

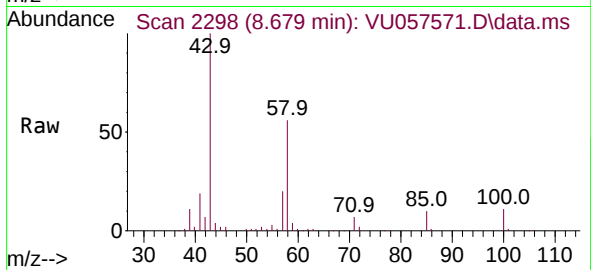
Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 95367

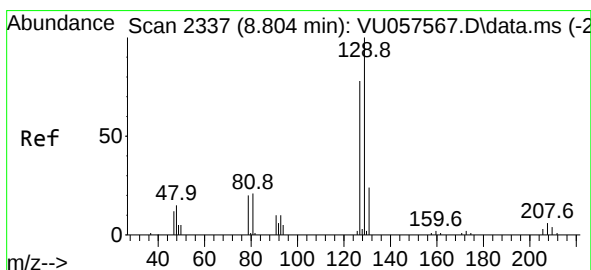
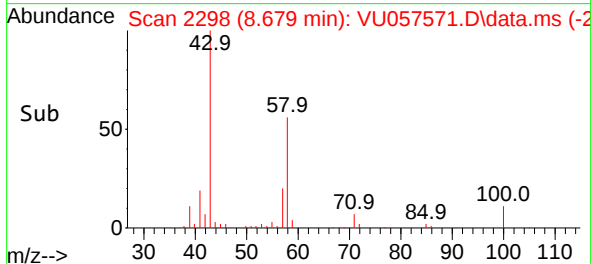
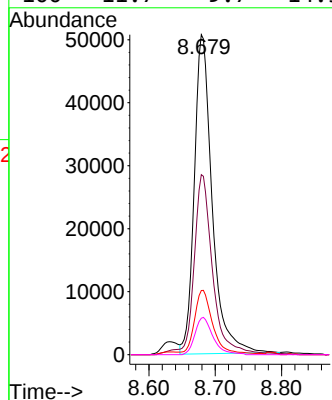
Ion Ratio Lower Upper

43 100

58 58.8 44.3 66.5

57 20.9 15.5 23.3

100 11.7 9.7 14.5



#49

Dibromochloromethane

Concen: 5.154 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU057571.D

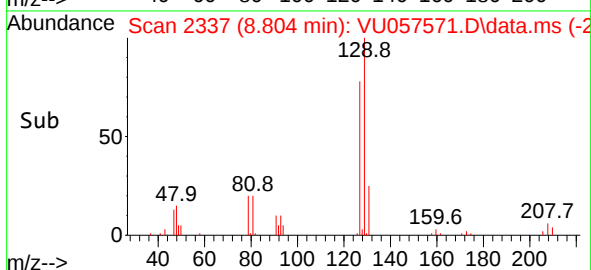
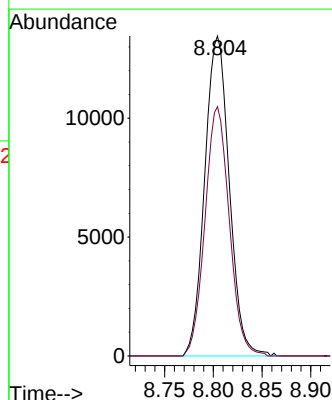
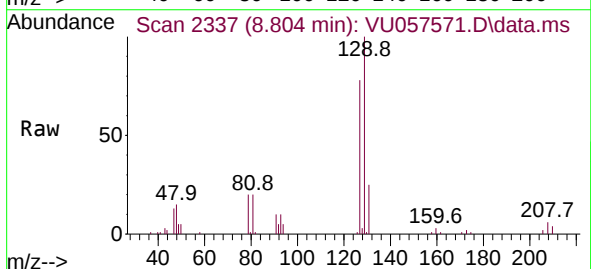
Acq: 23 Jan 2024 15:16

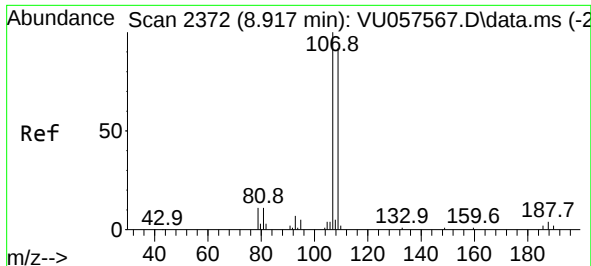
Tgt Ion:129 Resp: 23605

Ion Ratio Lower Upper

129 100

127 77.9 54.5 101.1

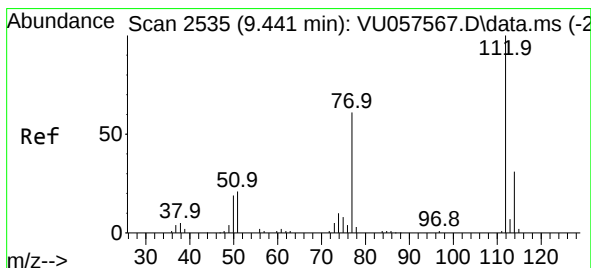
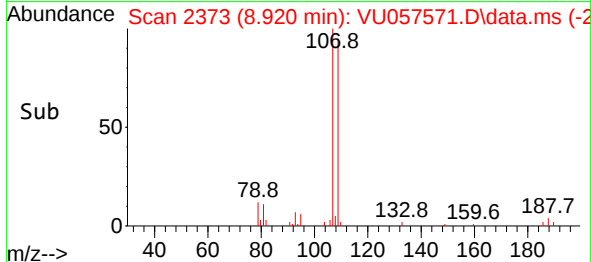
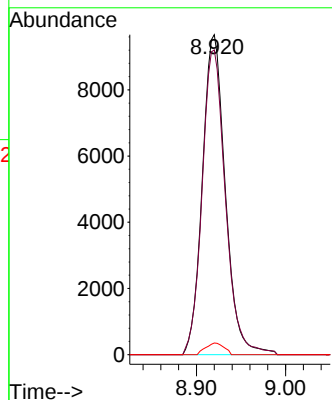
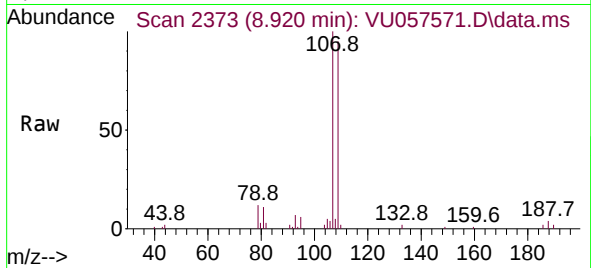




#50
1,2-Dibromoethane
Concen: 5.055 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

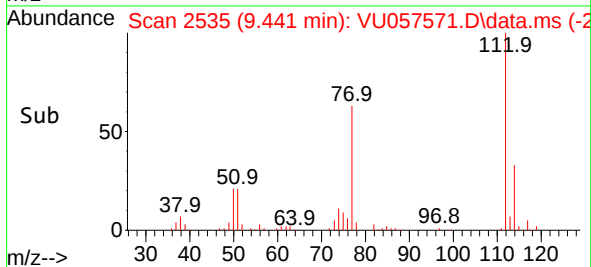
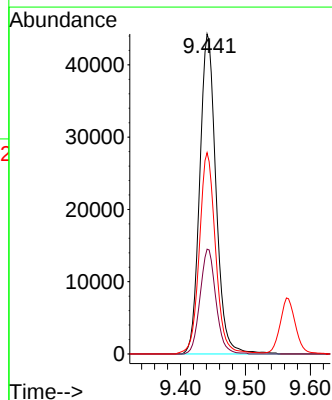
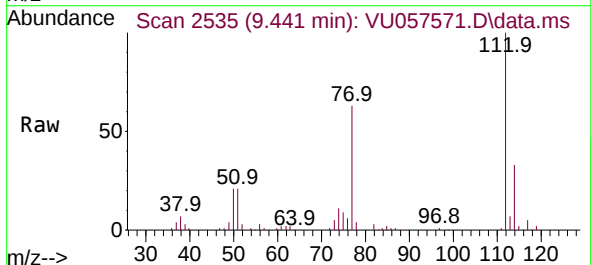
Instrument :
MSVOA_U
ClientSampleId :

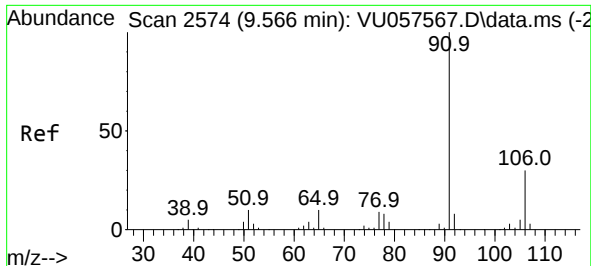
Tgt Ion:107 Resp: 17351
Ion Ratio Lower Upper
107 100
109 95.3 64.5 119.9
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 5.265 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Tgt Ion:112 Resp: 77388
Ion Ratio Lower Upper
112 100
114 32.7 22.0 40.8
77 62.9 49.2 73.8

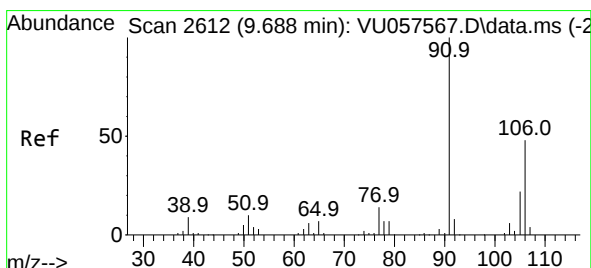
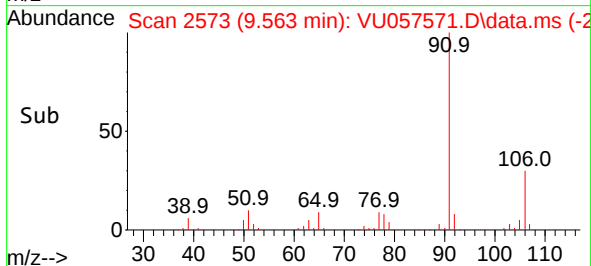
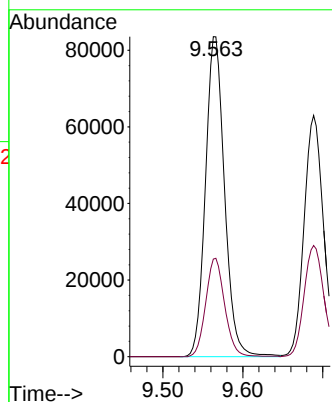
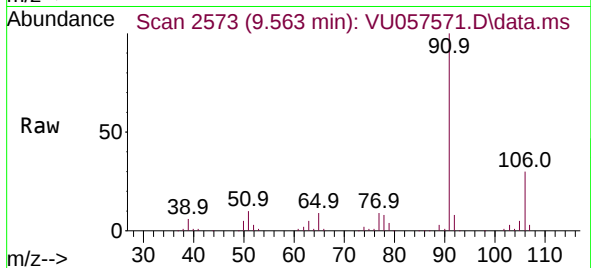




#52
Ethylbenzene
Concen: 5.253 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

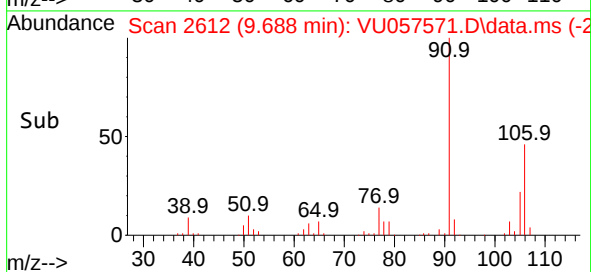
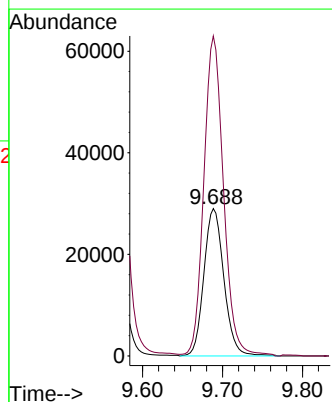
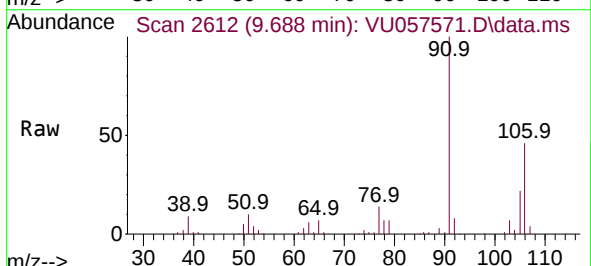
Instrument :
MSVOA_U
ClientSampleId :

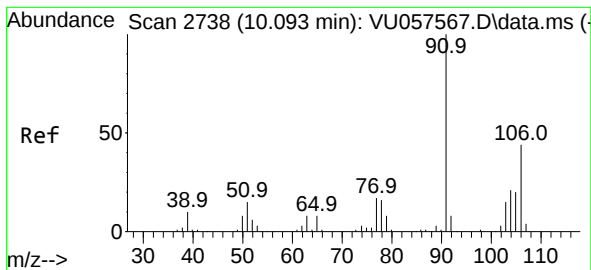
Tgt Ion: 91 Resp: 138706
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 5.192 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Tgt Ion:106 Resp: 50592
Ion Ratio Lower Upper
106 100
91 217.1 146.9 272.9





#54

o-Xylene

Concen: 5.225 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

Instrument :

MSVOA_U

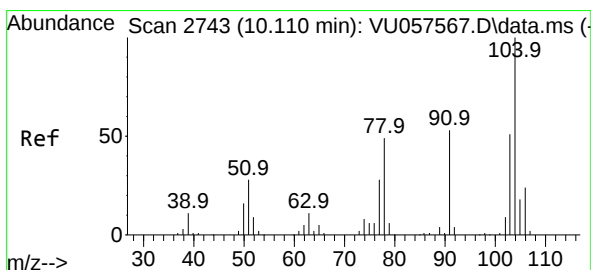
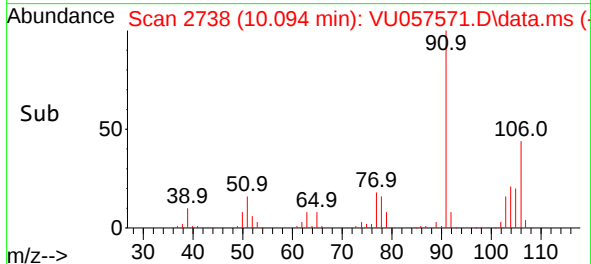
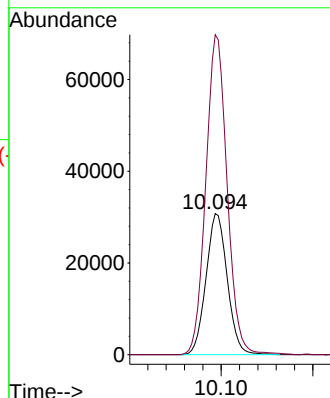
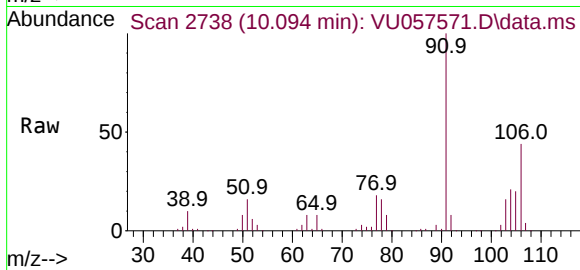
ClientSampleId :

Tgt Ion:106 Resp: 49627

Ion Ratio Lower Upper

106 100

91 226.7 158.1 293.5



#55

Styrene

Concen: 5.285 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU057571.D

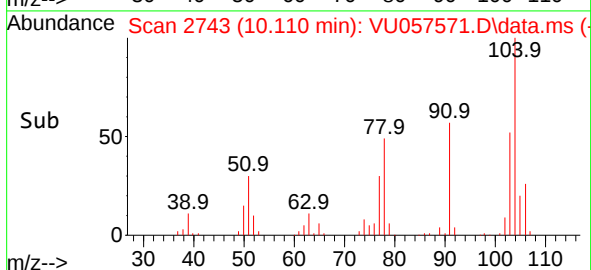
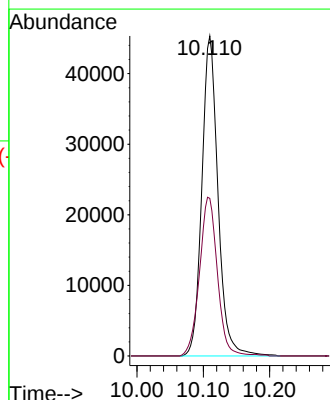
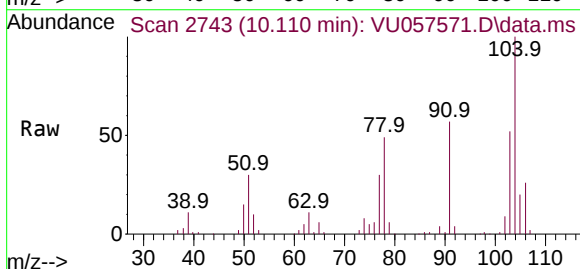
Acq: 23 Jan 2024 15:16

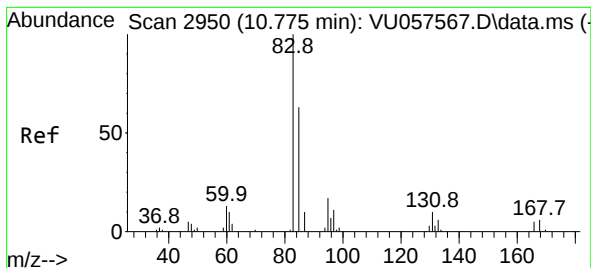
Tgt Ion:104 Resp: 76793

Ion Ratio Lower Upper

104 100

78 49.3 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.140 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057571.D

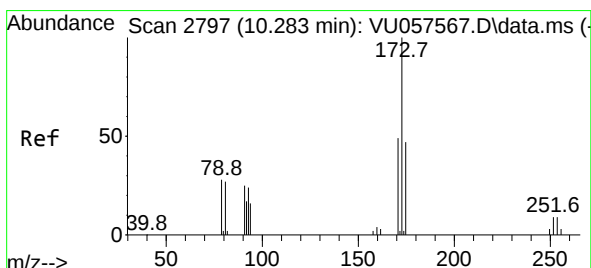
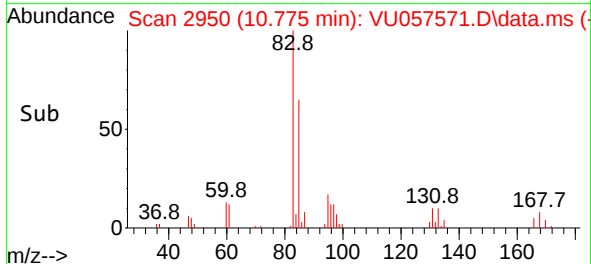
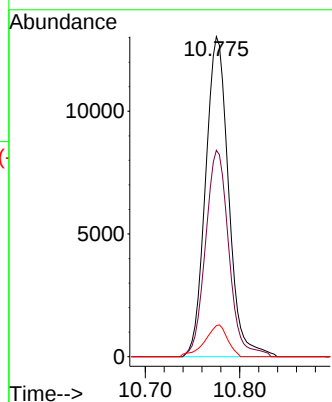
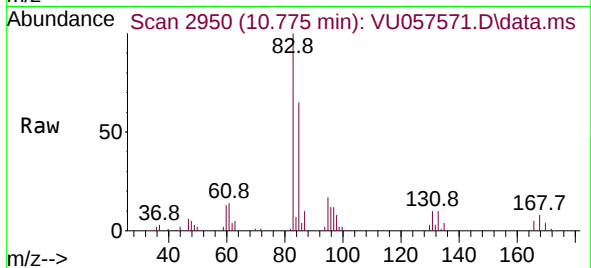
Acq: 23 Jan 2024 15:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	22055
Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.4	82.5
131	9.7	8.3	12.5



#59

Bromoform

Concen: 5.155 ug/L

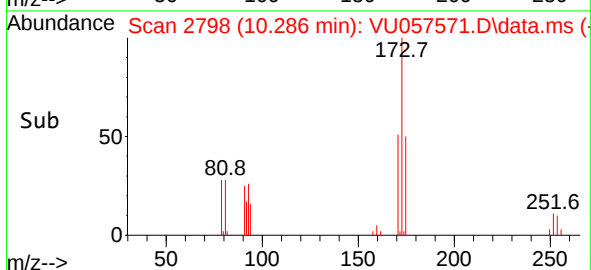
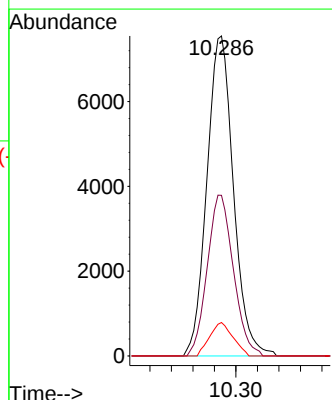
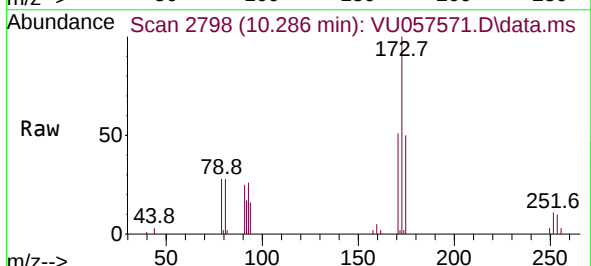
RT: 10.286 min Scan# 2798

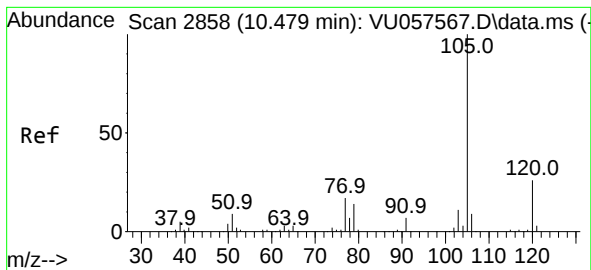
Delta R.T. 0.003 min

Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

Tgt Ion:	173	Resp:	12943
Ion	Ratio	Lower	Upper
173	100		
175	49.4	37.5	56.3
254	9.2	7.2	10.8





#60

Isopropylbenzene

Concen: 5.110 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

Instrument :

MSVOA_U

ClientSampleId :

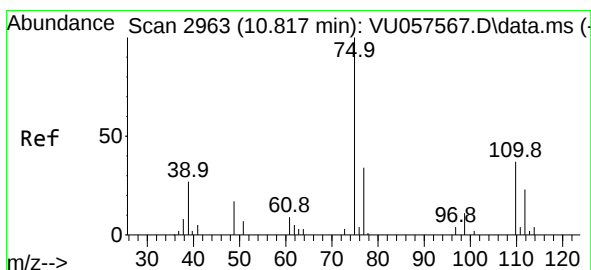
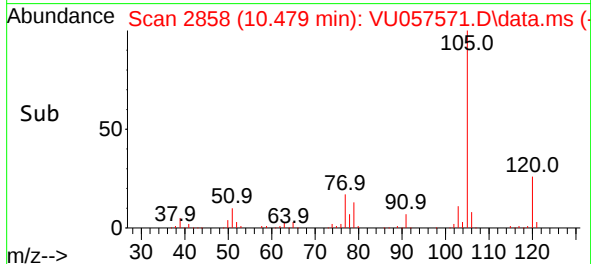
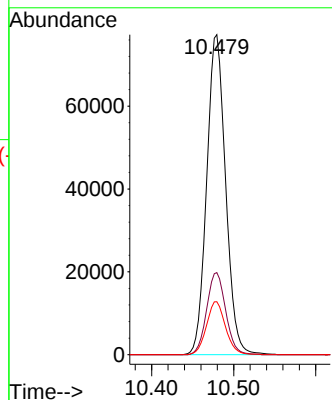
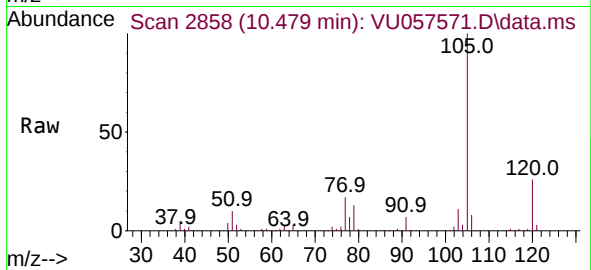
Tgt Ion:105 Resp: 123744

Ion Ratio Lower Upper

105 100

120 25.8 20.8 31.2

77 16.7 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.037 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

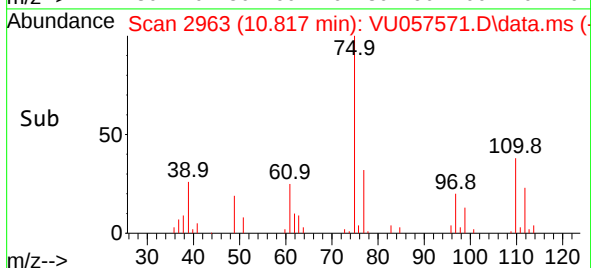
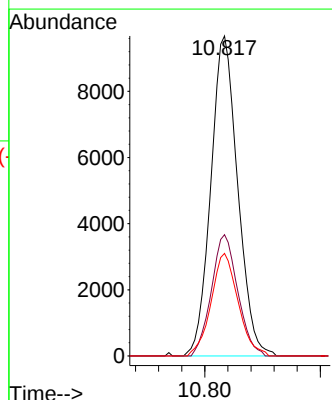
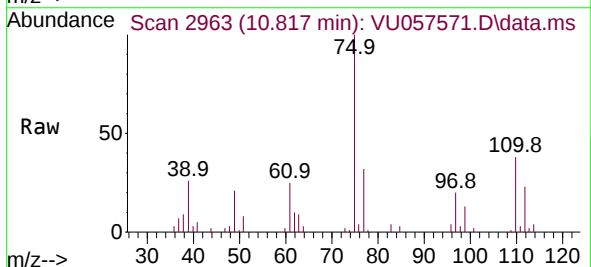
Tgt Ion: 75 Resp: 15626

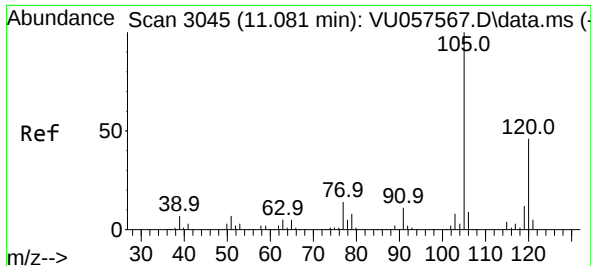
Ion Ratio Lower Upper

75 100

110 37.1 30.1 45.1

77 32.2 25.5 38.3

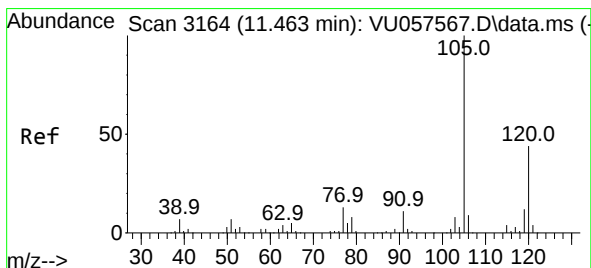
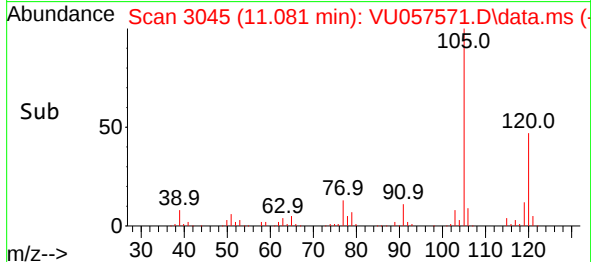
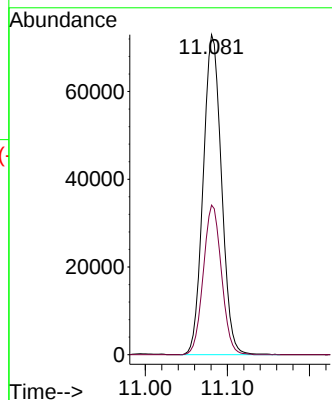
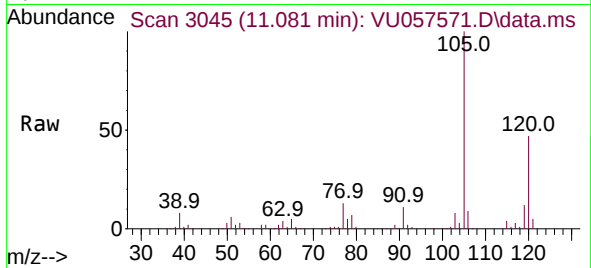




#62
1,3,5-Trimethylbenzene
Concen: 5.247 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

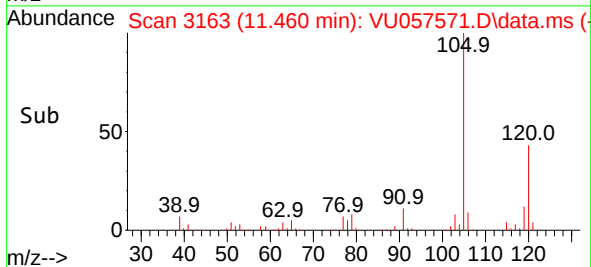
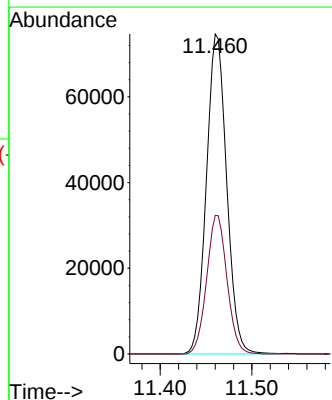
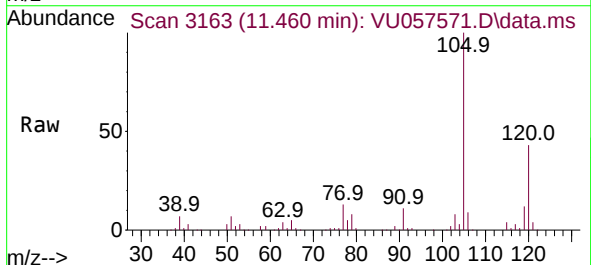
Instrument :
MSVOA_U
ClientSampleId :

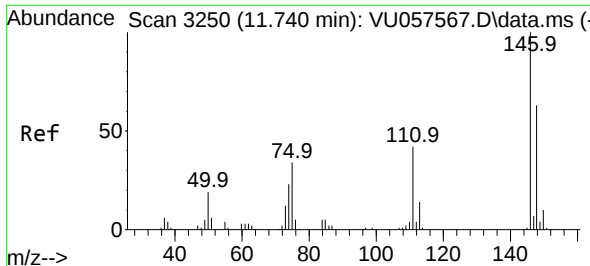
Tgt Ion:105 Resp: 113251
Ion Ratio Lower Upper
105 100
120 46.3 36.9 55.3



#63
1,2,4-Trimethylbenzene
Concen: 5.298 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Tgt Ion:105 Resp: 114427
Ion Ratio Lower Upper
105 100
120 43.5 35.0 52.4

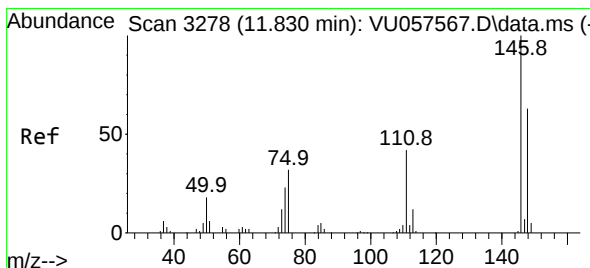
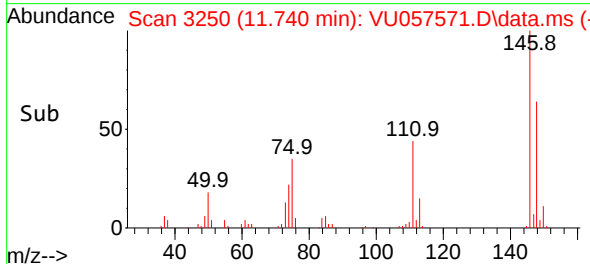
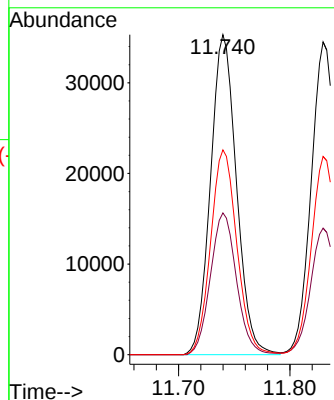
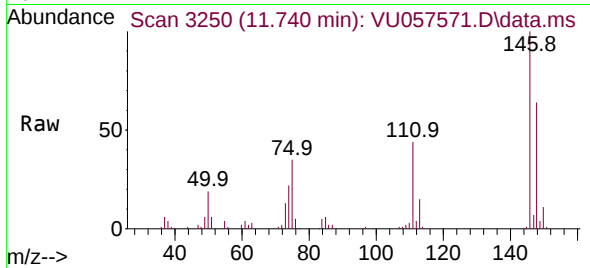




#64
1,3-Dichlorobenzene
Concen: 5.169 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

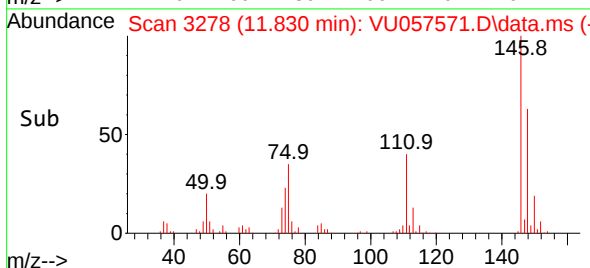
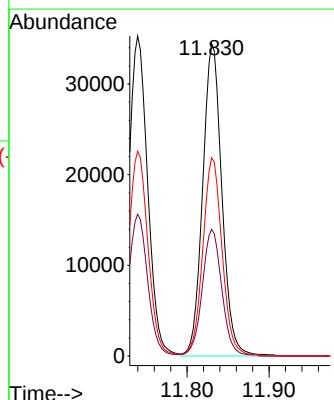
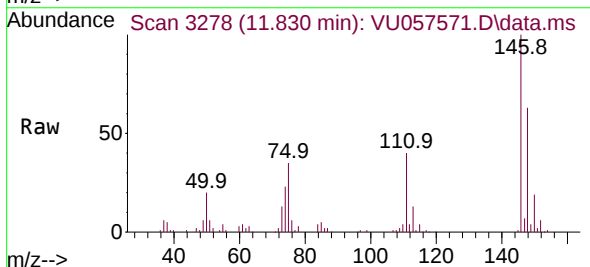
Instrument :
MSVOA_U
ClientSampleId :

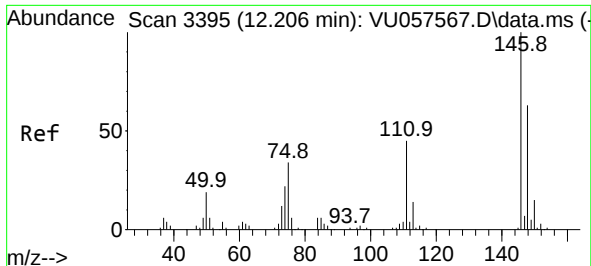
Tgt Ion:146 Resp: 57144
Ion Ratio Lower Upper
146 100
111 44.3 29.6 55.0
148 64.0 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.313 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Tgt Ion:146 Resp: 56211
Ion Ratio Lower Upper
146 100
111 40.5 29.5 54.7
148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.142 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057571.D

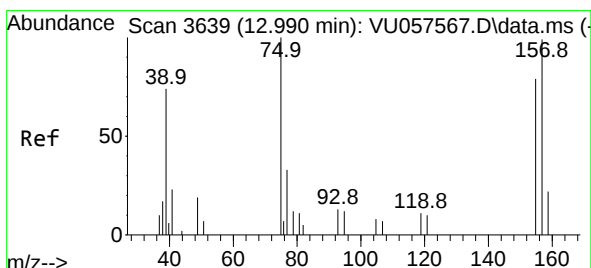
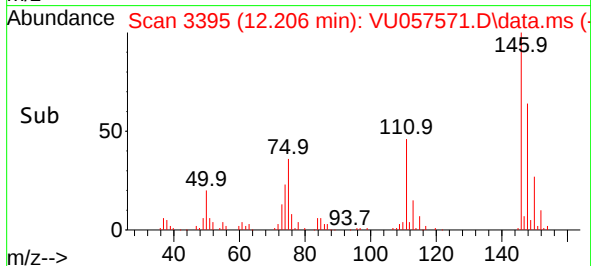
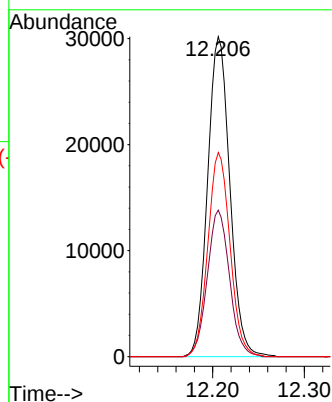
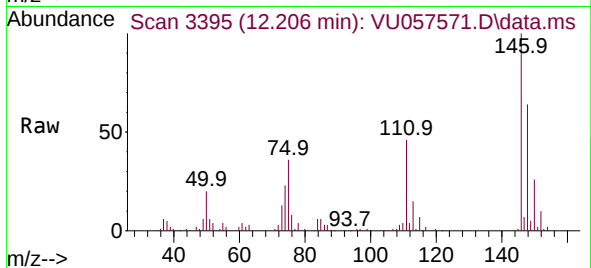
Acq: 23 Jan 2024 15:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	146	Resp:	50716
Ion	Ratio	Lower	Upper
146	100		
111	45.8	35.7	53.5
148	63.8	50.4	75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.795 ug/L

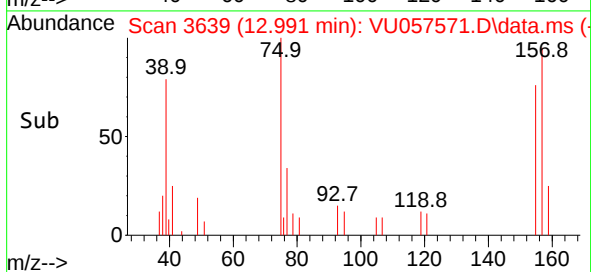
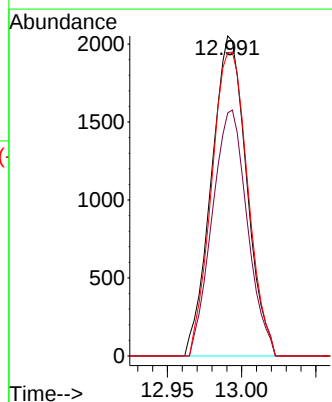
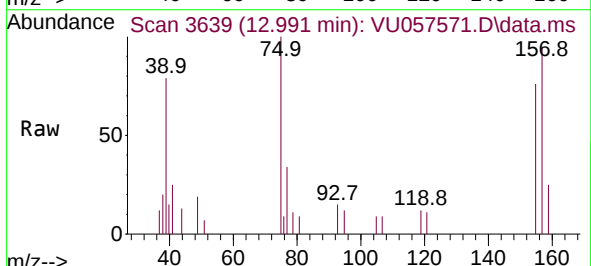
RT: 12.991 min Scan# 3639

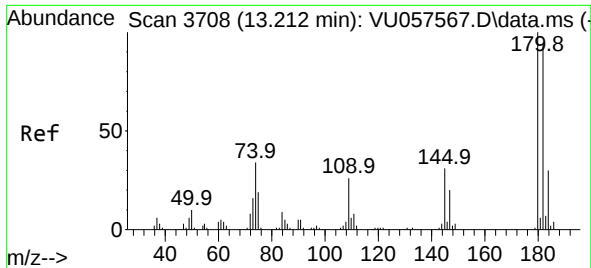
Delta R.T. 0.000 min

Lab File: VU057571.D

Acq: 23 Jan 2024 15:16

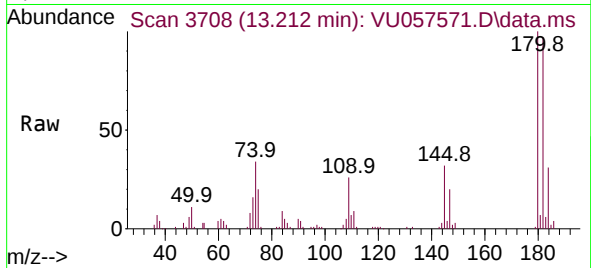
Tgt Ion:	75	Resp:	3384
Ion	Ratio	Lower	Upper
75	100		
155	75.9	62.8	94.2
157	94.8	78.9	118.3



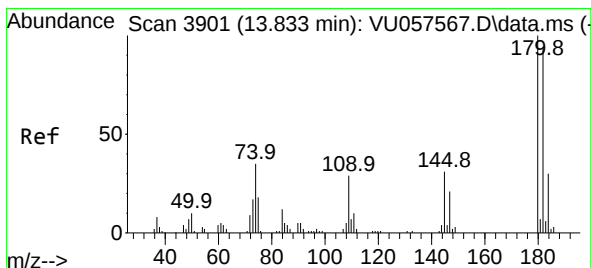
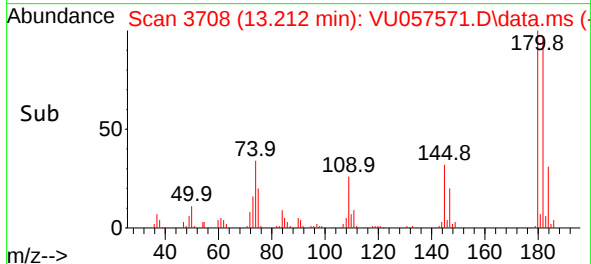
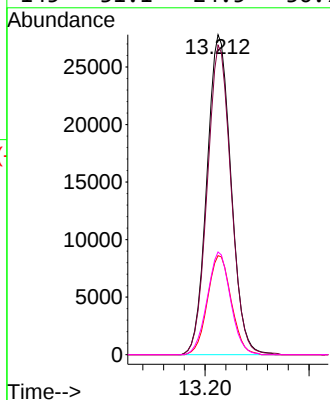


#69
 1,3,5-Trichlorobenzene
 Concen: 5.505 ug/L
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.000 min
 Lab File: VU057571.D
 Acq: 23 Jan 2024 15:16

Instrument :
 MSVOA_U
 ClientSampleId :

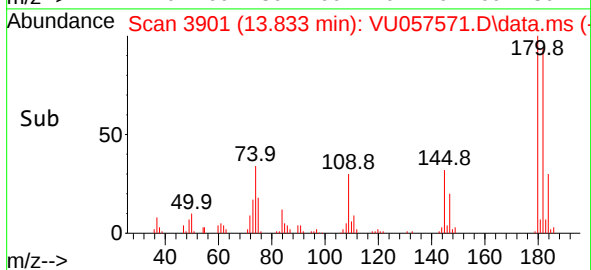
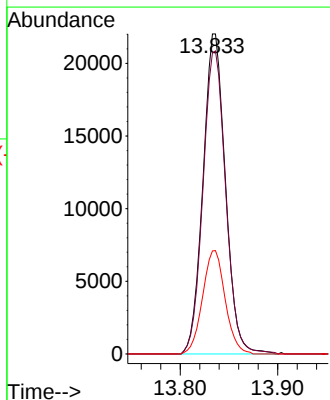
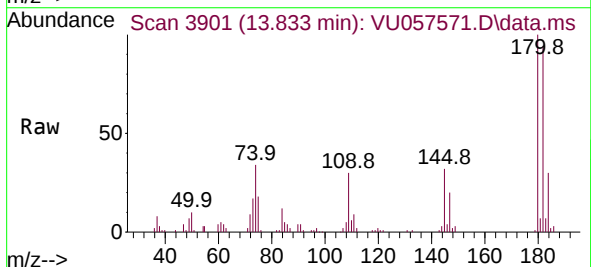


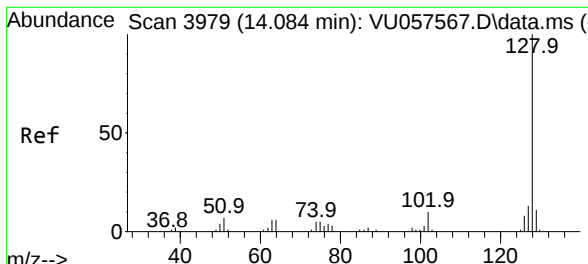
Tgt Ion:180 Resp: 44666
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.4 113.2
 184 30.6 24.1 36.1
 145 31.1 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.933 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU057571.D
 Acq: 23 Jan 2024 15:16

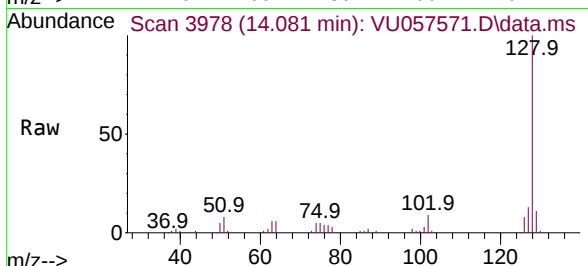
Tgt Ion:180 Resp: 35266
 Ion Ratio Lower Upper
 180 100
 182 95.9 74.9 112.3
 145 32.5 25.4 38.2



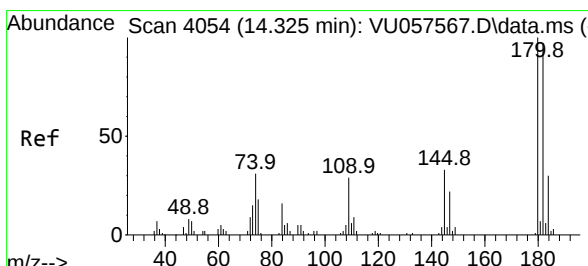
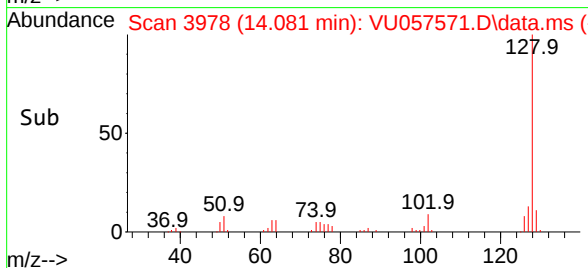
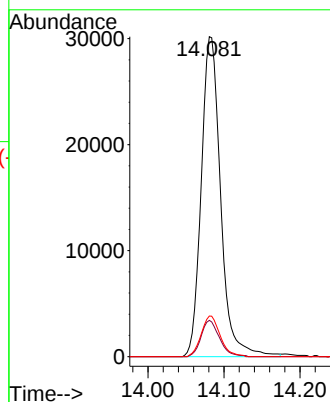


#71
Naphthalene
Concen: 6.363 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	53539
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	13.0
127	12.4	10.0	15.0



#72
1,2,3-Trichlorobenzene
Concen: 6.042 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057571.D
Acq: 23 Jan 2024 15:16

Tgt Ion:	180	Resp:	27954
Ion Ratio	Lower	Upper	
180	100		
182	95.7	78.1	117.1
145	34.9	26.7	40.1

