

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011824\
 Data File : VU057558.D
 Acq On : 18 Jan 2024 14:19
 Operator : MD/SY
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 01:29:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 01:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	416841	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	545556	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	228683	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	47078	11.247	ug/L	0.00
7) Chloroethane-d5	1.914	69	35014	10.824	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	63	71220	9.437	ug/L	0.00
21) 2-Butanone-d5	4.644	46	35810	19.736	ug/L	0.01
24) Chloroform-d	5.058	84	69264	10.771	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	40053	10.044	ug/L	0.00
32) Benzene-d6	5.724	84	125215	8.252	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	42166	7.505	ug/L	0.00
41) Toluene-d8	7.894	98	107604	6.918	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	15619	5.586	ug/L	0.00
47) 2-Hexanone-d5	8.650	63	24689	13.404	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	70363	9.584	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	36060	8.114	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	61973	11.390	ug/L	99
3) Chloromethane	1.518	50	63262	11.970	ug/L	98
5) Vinyl chloride	1.605	62	59702	11.974	ug/L	100
6) Bromomethane	1.859	94	23539	10.412	ug/L	98
8) Chloroethane	1.936	64	31680	11.214	ug/L	100
9) Trichlorofluoromethane	2.132	101	70744	11.591	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	38664	9.996	ug/L	98
12) 1,1-Dichloroethene	2.573	96	34162	9.896	ug/L	93
13) Acetone	2.647	43	65391	23.217	ug/L	98
14) Carbon disulfide	2.788	76	143142	11.792	ug/L	99
15) Methyl Acetate	2.952	43	42358	11.295	ug/L	98
16) Methylene chloride	3.042	84	49964	11.708	ug/L	98
17) trans-1,2-Dichloroethene	3.348	96	42382	11.693	ug/L	98
18) Methyl tert-butyl Ether	3.357	73	122939	11.025	ug/L	97
19) 1,1-Dichloroethane	3.862	63	68061	11.201	ug/L	97
20) cis-1,2-Dichloroethene	4.660	96	34319	11.165	ug/L	92
22) 2-Butanone	4.724	43	45818	19.490	ug/L	98
23) Bromochloromethane	4.972	128	19268	11.701	ug/L	95
25) Chloroform	5.081	83	70191	11.296	ug/L	99
27) 1,2-Dichloroethane	5.791	62	54106	10.823	ug/L	98
29) Cyclohexane	5.380	56	45540	7.851	ug/L	97
30) 1,1,1-Trichloroethane	5.309	97	59377	9.081	ug/L	98
31) Carbon tetrachloride	5.518	117	46400	8.747	ug/L	98
33) Benzene	5.769	78	136273	8.501	ug/L	100
34) Trichloroethene	6.541	95	35404	7.499	ug/L	98
35) Methylcyclohexane	6.759	83	50266	6.880	ug/L	98
37) 1,2-Dichloropropane	6.785	63	43193	8.237	ug/L	100
38) Bromodichloromethane	7.100	83	49821	7.464	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	51470	6.711	ug/L	97
40) 4-Methyl-2-pentanone	7.807	43	85824	14.541	ug/L #	91
42) Toluene	7.965	91	146370	7.297	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	47293	6.081	ug/L	95

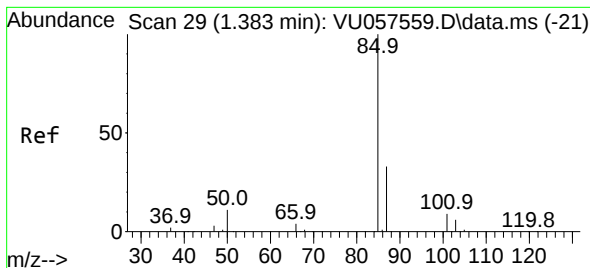
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011824\
 Data File : VU057558.D
 Acq On : 18 Jan 2024 14:19
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Quant Time: Jan 19 01:29:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 01:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.399	97	36522	7.315	ug/L	98
46) Tetrachloroethene	8.550	164	27359	8.116	ug/L	97
48) 2-Hexanone	8.701	43	80629	15.515	ug/L	90
49) Dibromochloromethane	8.807	129	45417	9.101	ug/L	93
50) 1,2-Dibromoethane	8.920	107	47754	9.231	ug/L	100
51) Chlorobenzene	9.444	112	117614	10.012	ug/L	98
52) Ethylbenzene	9.566	91	177945	9.069	ug/L	99
53) m,p-Xylene	9.692	106	61687	8.547	ug/L	93
54) o-Xylene	10.100	106	59792	8.625	ug/L	95
55) Styrene	10.116	104	93936	8.093	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.785	83	76027	10.163	ug/L	99
59) Bromoform	10.293	173	31584	9.581	ug/L	97
60) 1,2,3-Trichloropropane	10.823	75	57208	10.054	ug/L	98
61) Isopropylbenzene	10.483	105	153292	8.636	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	117671	8.820	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	115330	8.518	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	76779	10.183	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	79708	10.368	ug/L	96
67) 1,2-Dichlorobenzene	12.212	146	54440	7.657	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.997	75	9086	7.714	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	36841	7.196	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	27494	6.938	ug/L	96
71) Naphthalene	14.087	128	53394	5.657	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	23987	6.682	ug/L	93

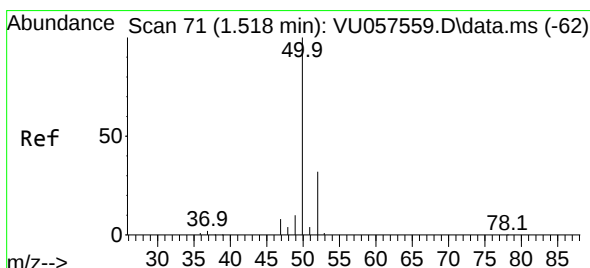
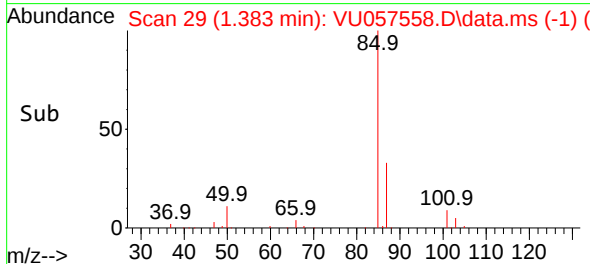
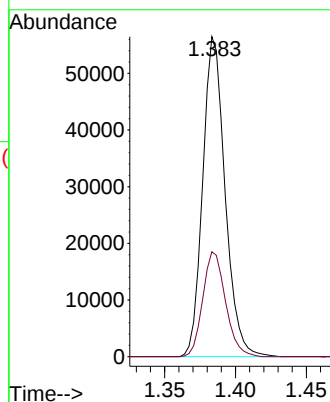
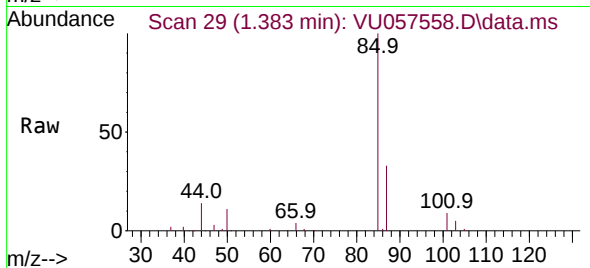
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 11.390 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU057558.D
 Acq: 18 Jan 2024 14:19

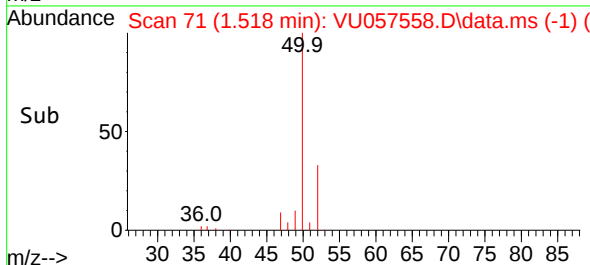
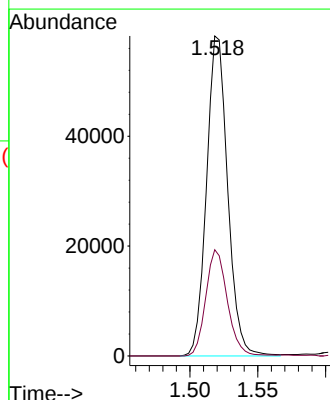
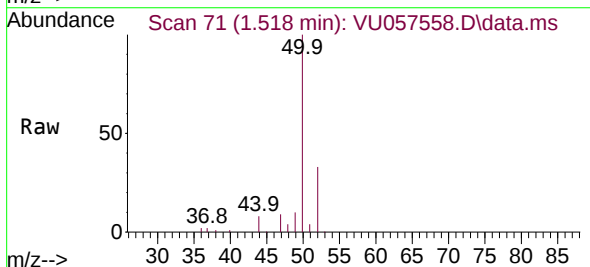
Instrument :
 MSVOA_U
 ClientSampleId :

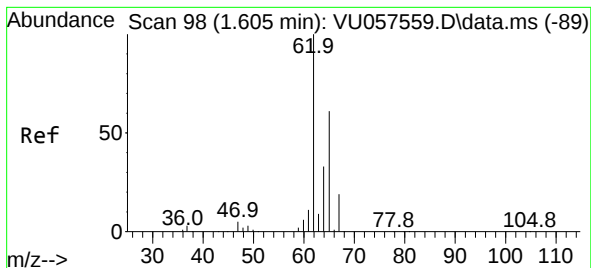
Tgt Ion: 85 Resp: 61973
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.2 39.2



#3
 Chloromethane
 Concen: 11.970 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057558.D
 Acq: 18 Jan 2024 14:19

Tgt Ion: 50 Resp: 63262
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.5 41.7





#5

Vinyl chloride

Concen: 11.974 ug/L

RT: 1.605 min Scan# 98

Delta R.T. -0.000 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Instrument :

MSVOA_U

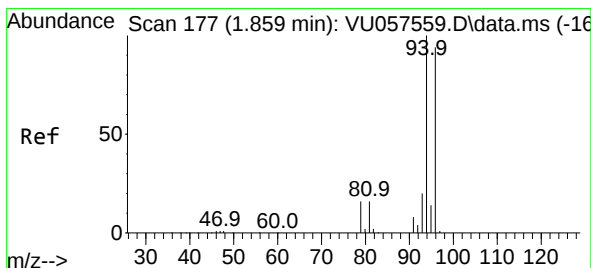
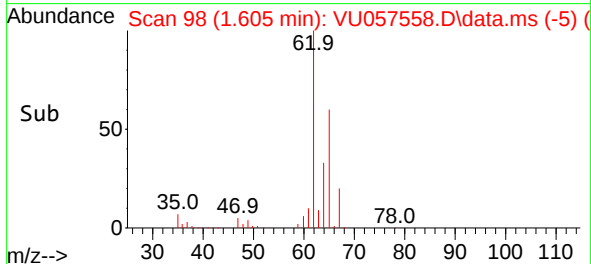
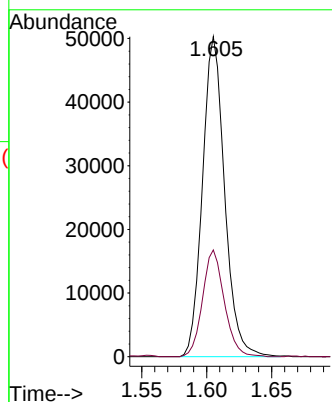
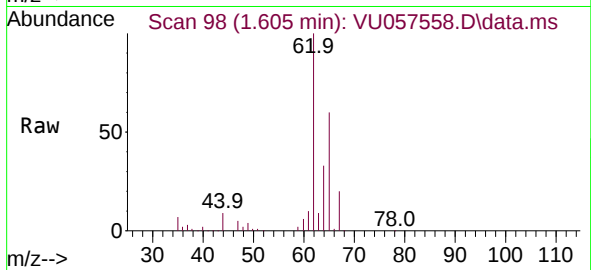
ClientSampleId :

Tgt Ion: 62 Resp: 59702

Ion Ratio Lower Upper

62 100

64 33.3 23.2 43.2



#6

Bromomethane

Concen: 10.412 ug/L

RT: 1.859 min Scan# 177

Delta R.T. -0.000 min

Lab File: VU057558.D

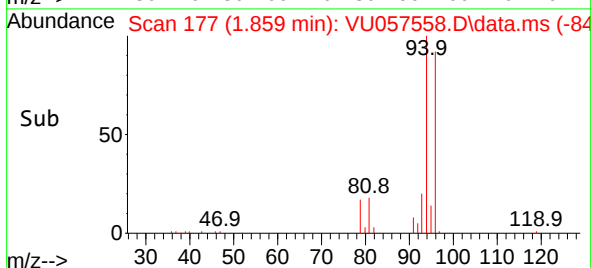
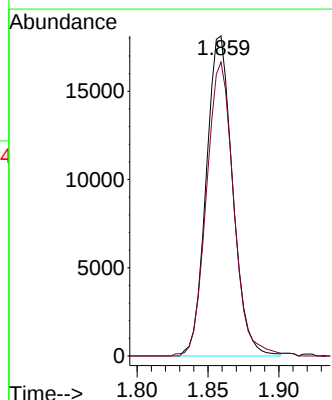
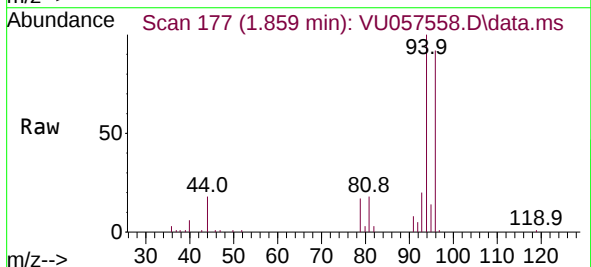
Acq: 18 Jan 2024 14:19

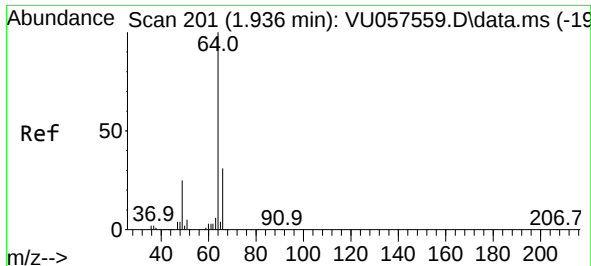
Tgt Ion: 94 Resp: 23539

Ion Ratio Lower Upper

94 100

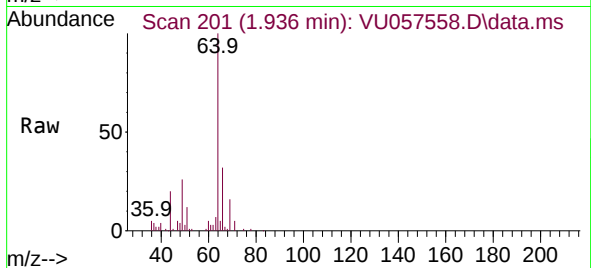
96 91.8 65.8 122.2



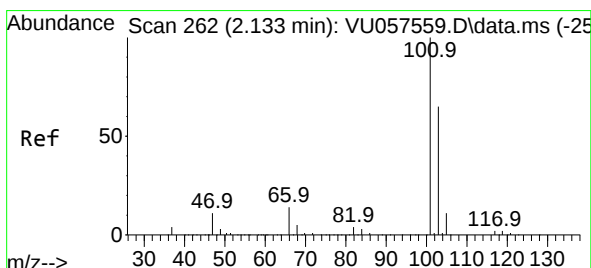
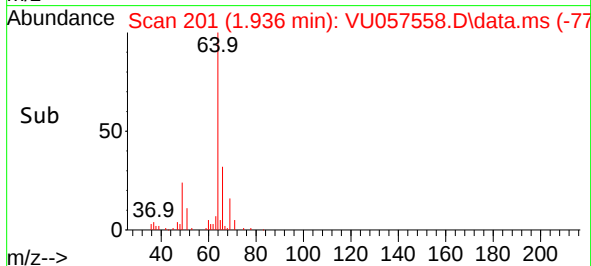
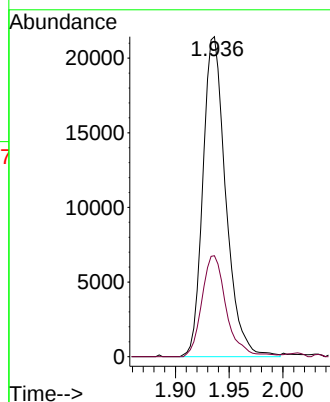


#8
Chloroethane
Concen: 11.214 ug/L
RT: 1.936 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Instrument :
MSVOA_U
ClientSampleId :

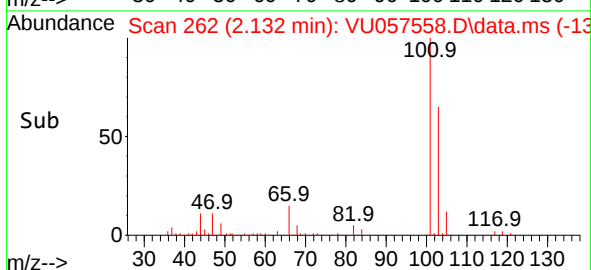
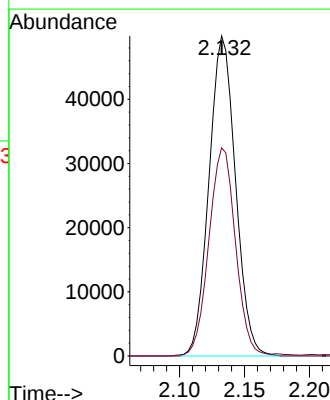
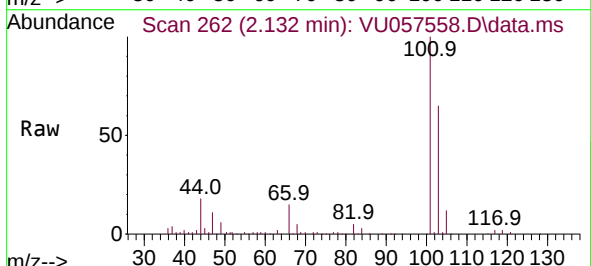


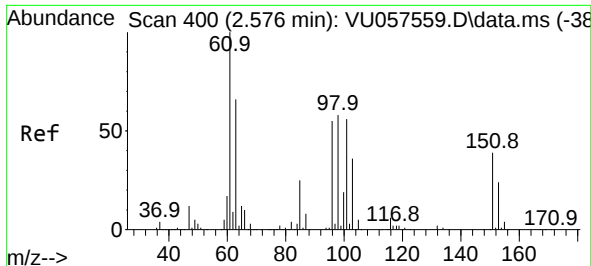
Tgt Ion: 64 Resp: 31680
Ion Ratio Lower Upper
64 100
66 31.6 21.9 40.7



#9
Trichlorofluoromethane
Concen: 11.591 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion: 101 Resp: 70744
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

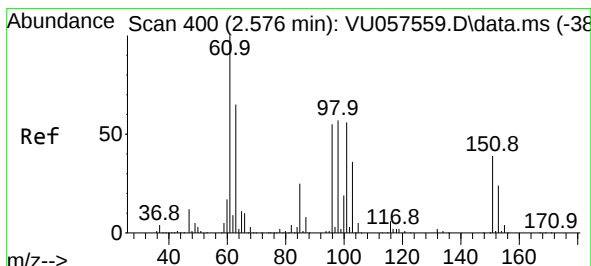
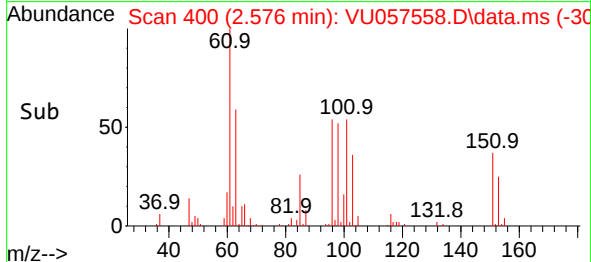
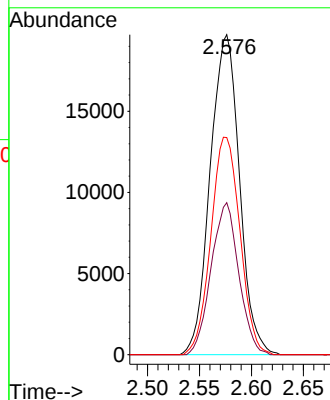
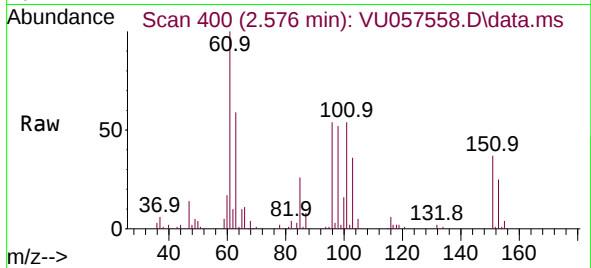




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.996 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

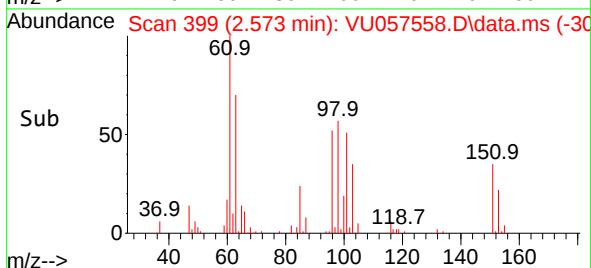
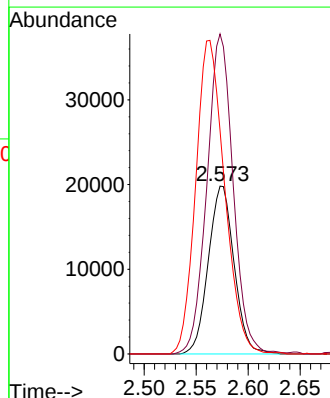
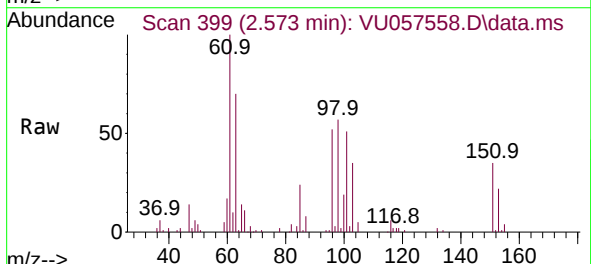
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MSVOA_U
ClientSampleId :

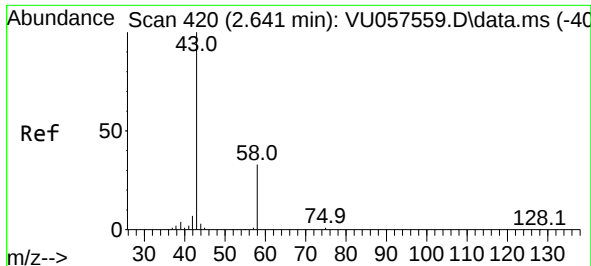
Tgt Ion:101 Resp: 38664
Ion Ratio Lower Upper
101 100
85 44.8 36.0 54.0
151 67.5 55.8 83.8



#12
1,1-Dichloroethene
Concen: 9.896 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion: 96 Resp: 34162
Ion Ratio Lower Upper
96 100
61 190.6 127.7 237.1
63 133.1 86.1 159.9





#13

Acetone

Concen: 23.217 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Instrument :

MSVOA_U

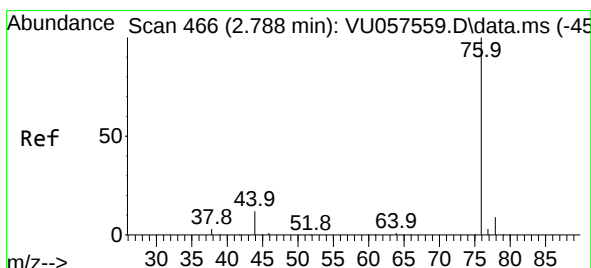
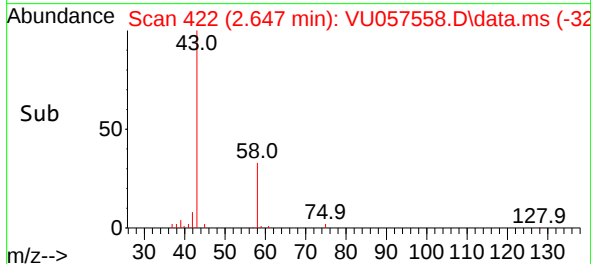
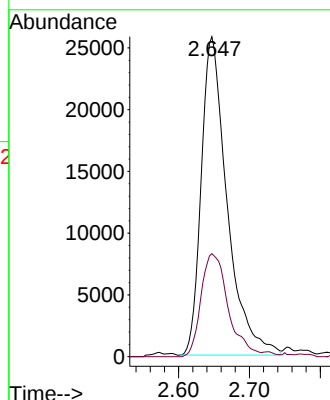
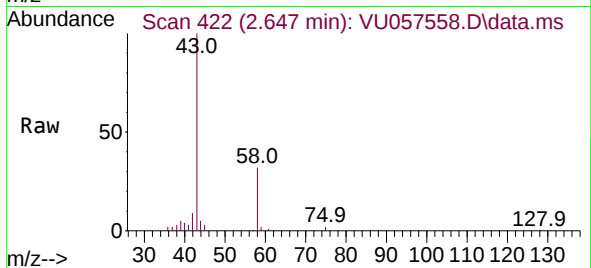
ClientSampleId :

Tgt Ion: 43 Resp: 65391

Ion Ratio Lower Upper

43 100

58 33.9 0.0 65.6



#14

Carbon disulfide

Concen: 11.792 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057558.D

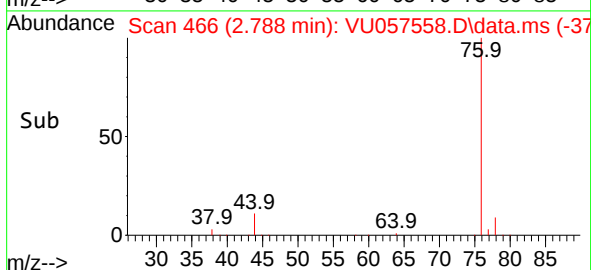
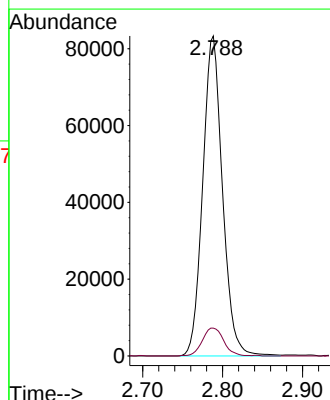
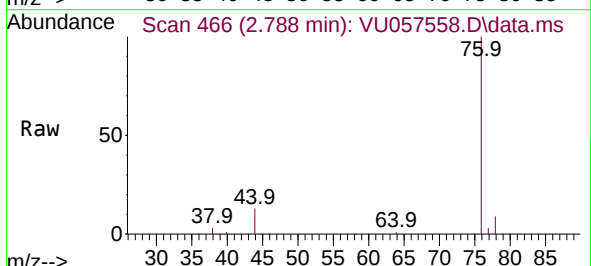
Acq: 18 Jan 2024 14:19

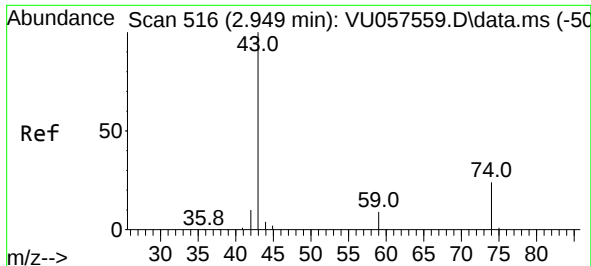
Tgt Ion: 76 Resp: 143142

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

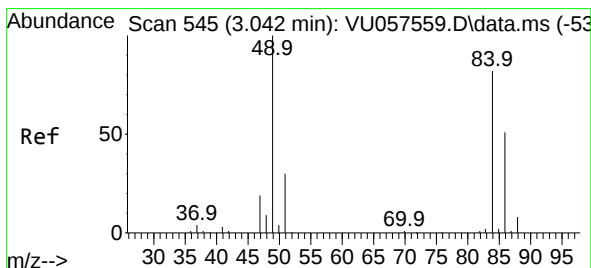
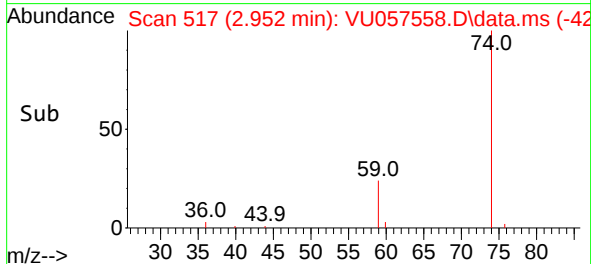
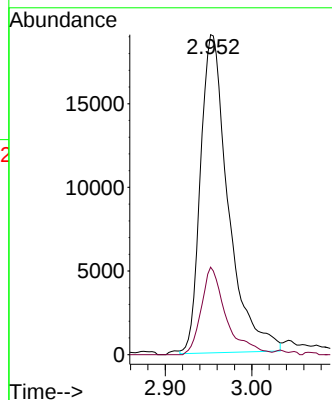
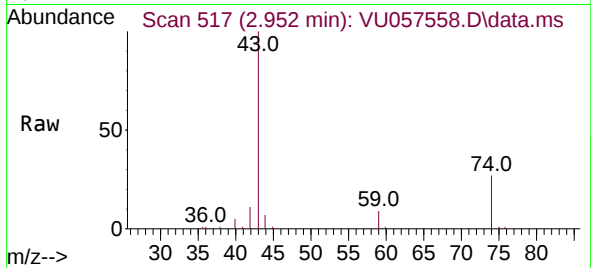




#15
Methyl Acetate
Concen: 11.295 ug/L
RT: 2.952 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

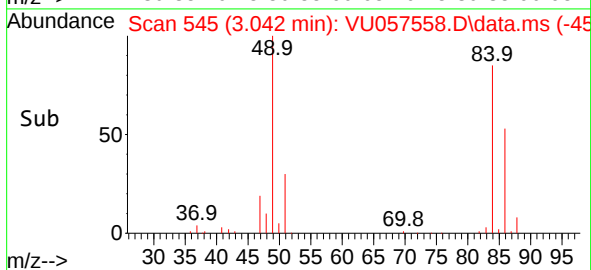
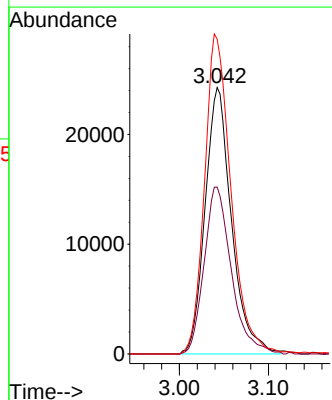
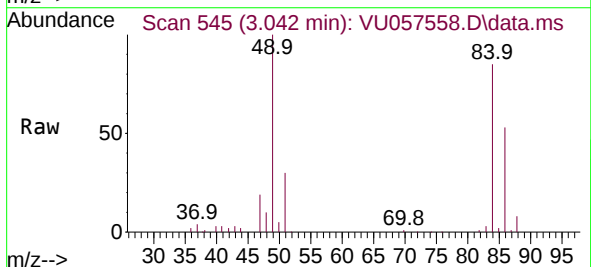
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MSVOA_U
ClientSampleId :

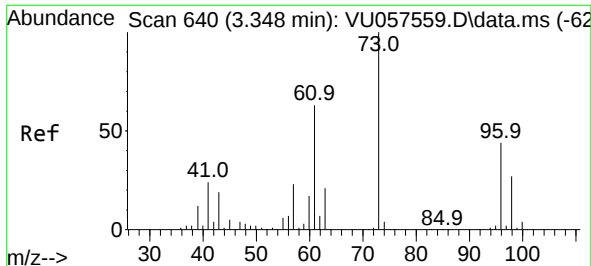
Tgt Ion: 43 Resp: 42358
Ion Ratio Lower Upper
43 100
74 24.7 19.0 28.6



#16
Methylene chloride
Concen: 11.708 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion: 84 Resp: 49964
Ion Ratio Lower Upper
84 100
86 62.7 43.5 80.7
49 118.2 85.0 157.8

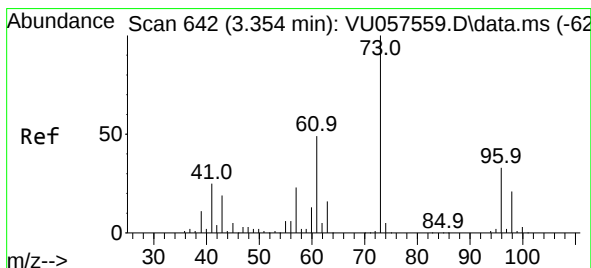
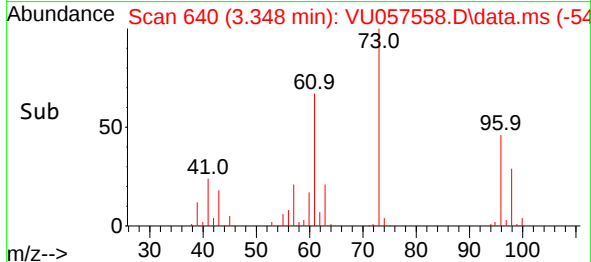
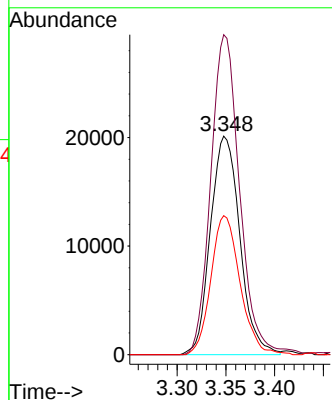
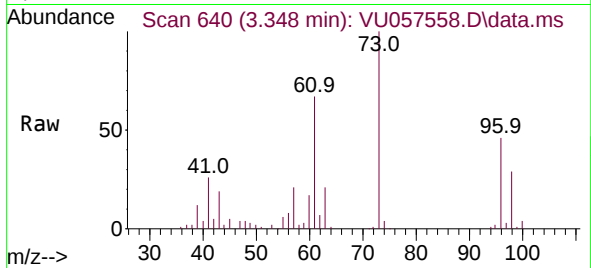




#17
trans-1,2-Dichloroethene
Concen: 11.693 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

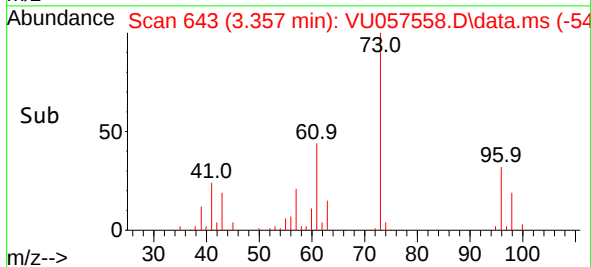
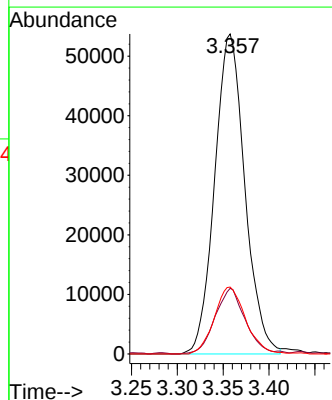
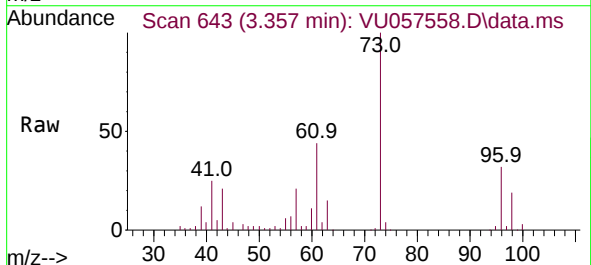
Instrument :
MSVOA_U
ClientSampleId :

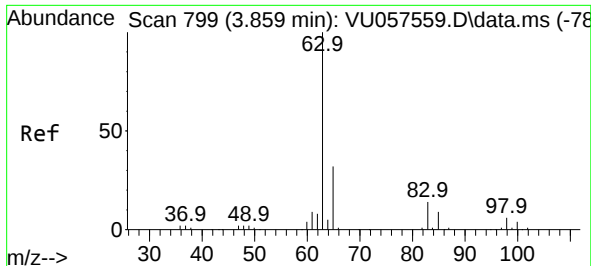
Tgt Ion: 96 Resp: 42382
Ion Ratio Lower Upper
96 100
61 146.4 101.0 187.6
98 63.6 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 11.025 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion: 73 Resp: 122939
Ion Ratio Lower Upper
73 100
43 20.4 15.2 22.8
57 21.6 18.2 27.4





#19

1,1-Dichloroethane

Concen: 11.201 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU057558.D

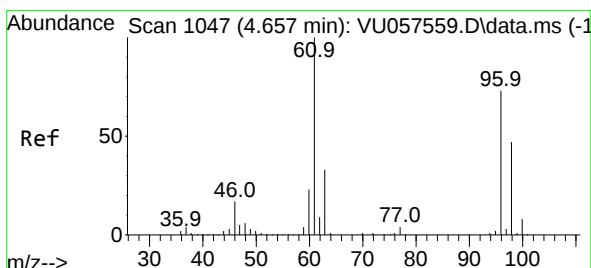
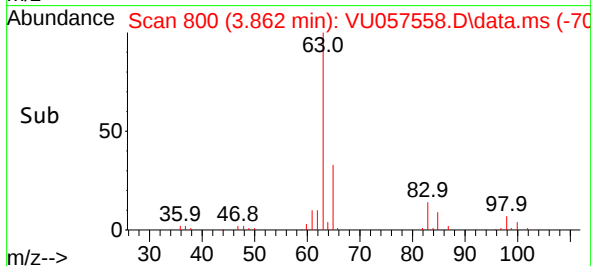
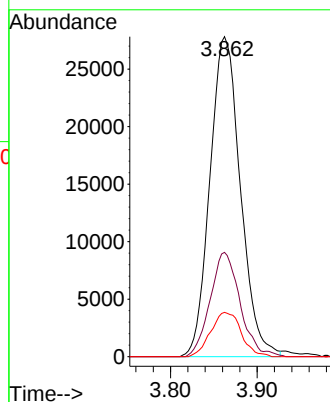
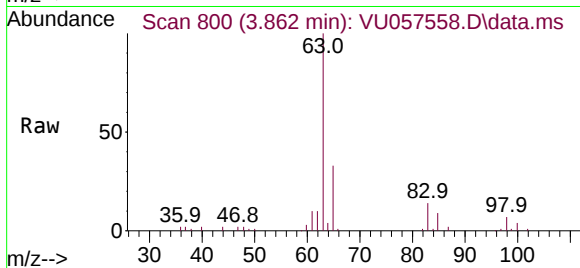
Acq: 18 Jan 2024 14:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	68061
Ion Ratio	Lower	Upper	
63	100		
65	33.5	22.1	41.1
83	13.9	10.1	18.7



#20

cis-1,2-Dichloroethene

Concen: 11.165 ug/L

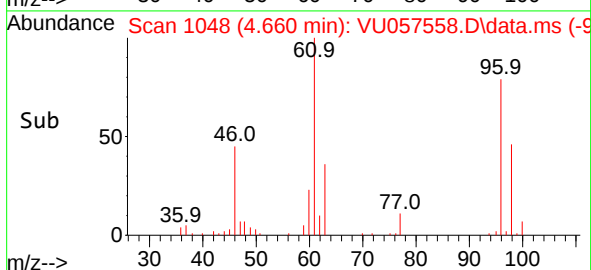
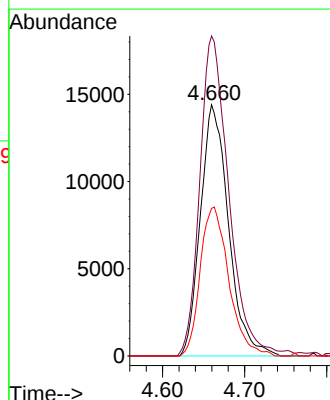
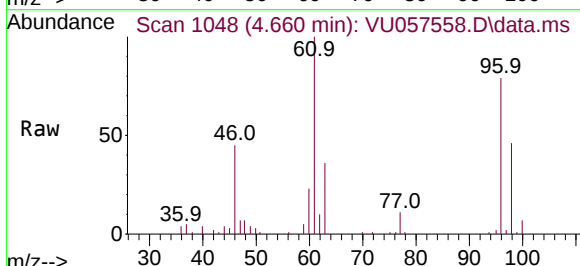
RT: 4.660 min Scan# 1048

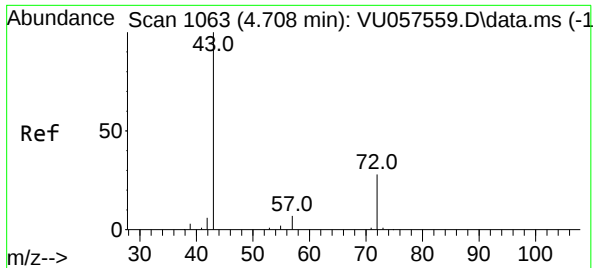
Delta R.T. 0.003 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Tgt Ion:	96	Resp:	34319
Ion Ratio	Lower	Upper	
96	100		
61	127.4	96.2	178.6
98	58.7	45.2	84.0

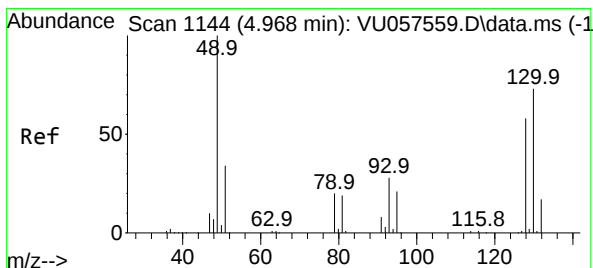
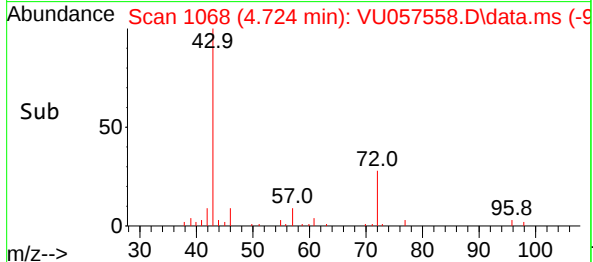
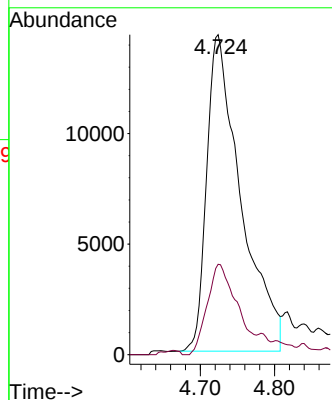
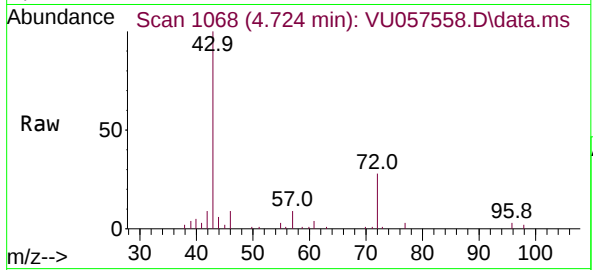




#22
2-Butanone
Concen: 19.490 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.016 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

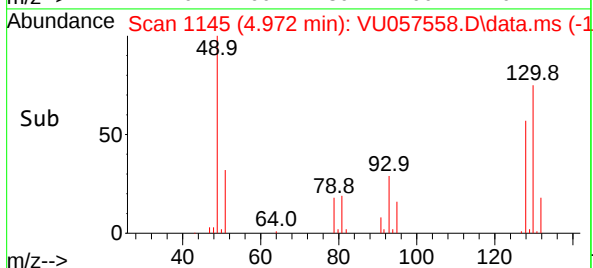
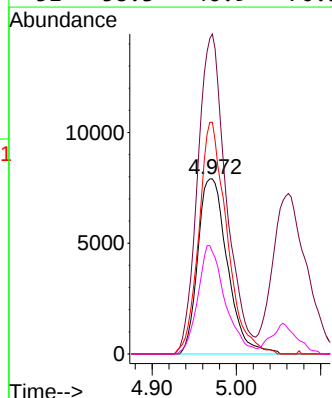
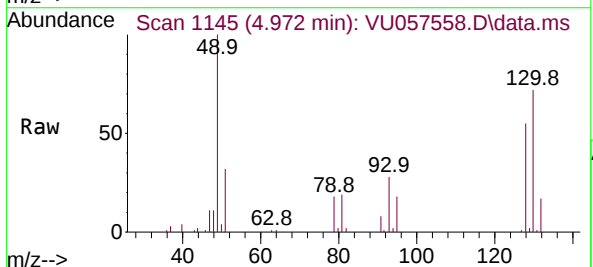
Instrument :
MSVOA_U
ClientSampleId :

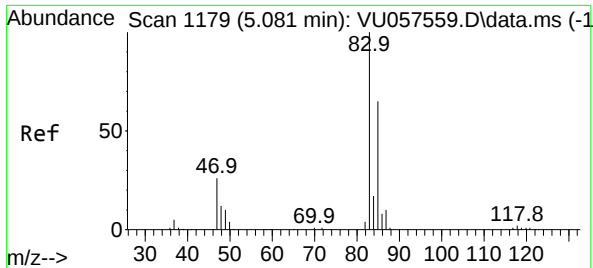
Tgt Ion: 43 Resp: 45818
Ion Ratio Lower Upper
43 100
72 24.9 12.9 38.7



#23
Bromochloromethane
Concen: 11.701 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion:128 Resp: 19268
Ion Ratio Lower Upper
128 100
49 182.7 122.0 226.6
130 132.3 88.5 164.3
51 58.3 46.9 70.3

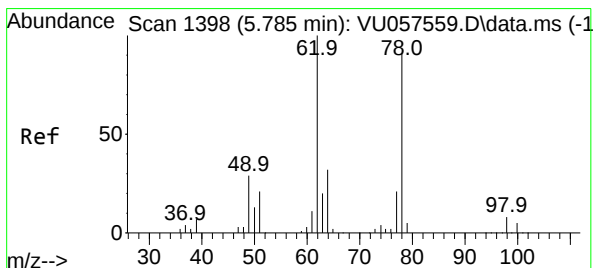
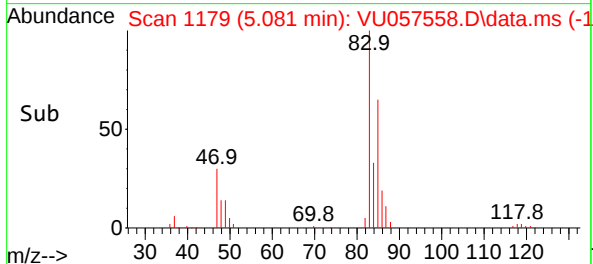
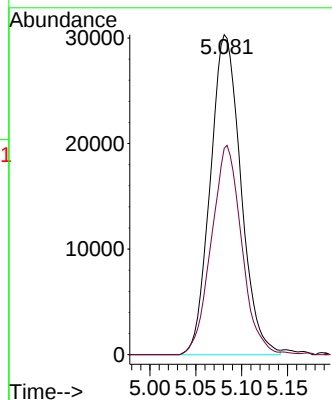
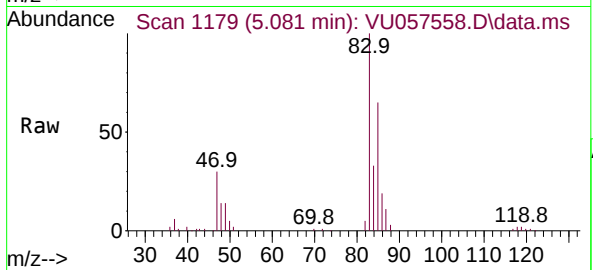




#25
Chloroform
Concen: 11.296 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

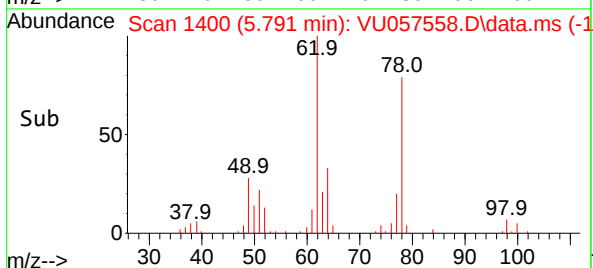
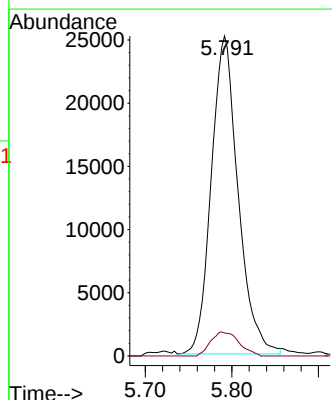
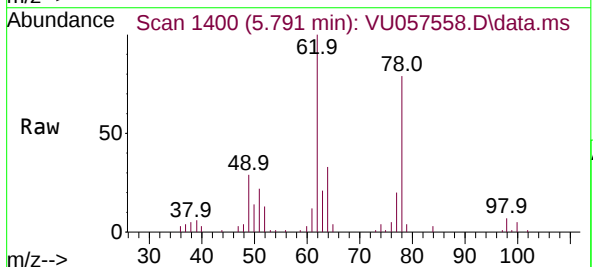
Instrument :
MSVOA_U
ClientSampleId :

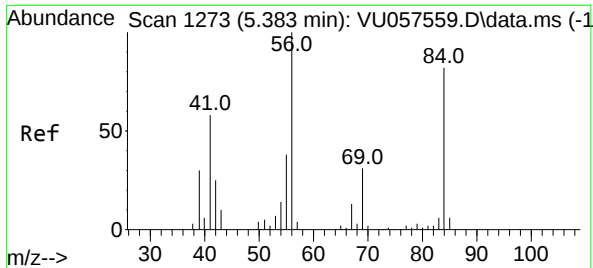
Tgt Ion: 83 Resp: 70191
Ion Ratio Lower Upper
83 100
85 64.5 45.5 84.5



#27
1,2-Dichloroethane
Concen: 10.823 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion: 62 Resp: 54106
Ion Ratio Lower Upper
62 100
98 7.2 6.4 9.6





#29

Cyclohexane

Concen: 7.851 ug/L

RT: 5.380 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Instrument :

MSVOA_U

ClientSampleId :

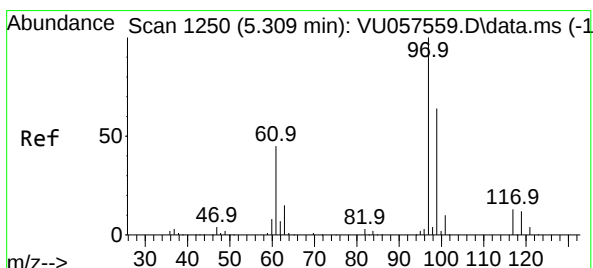
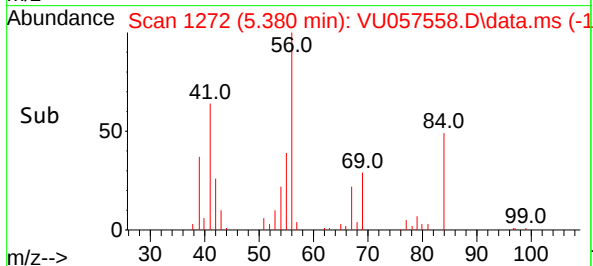
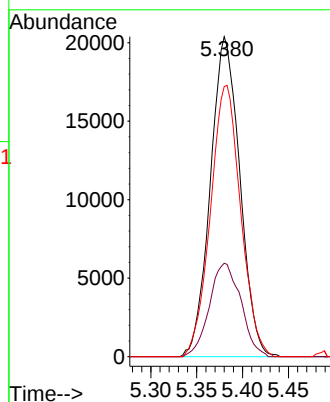
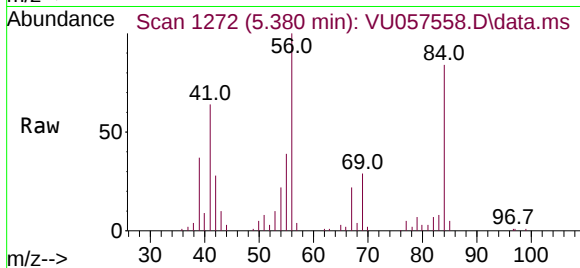
Tgt Ion: 56 Resp: 45540

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.2

84 86.9 67.4 101.0



#30

1,1,1-Trichloroethane

Concen: 9.081 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

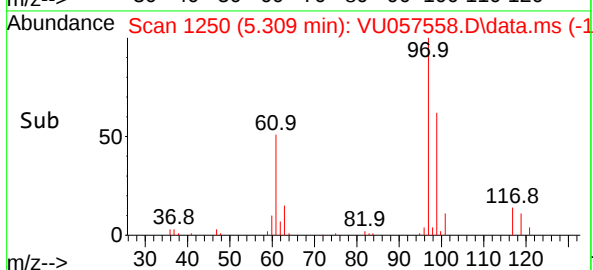
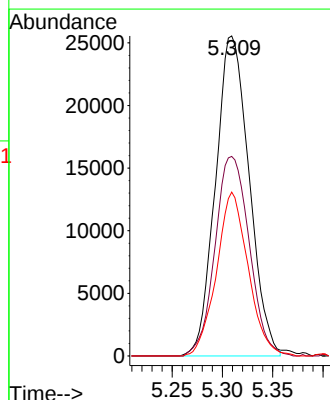
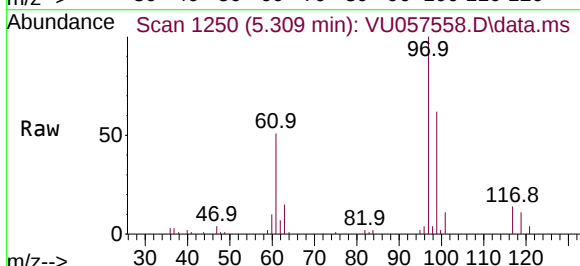
Tgt Ion: 97 Resp: 59377

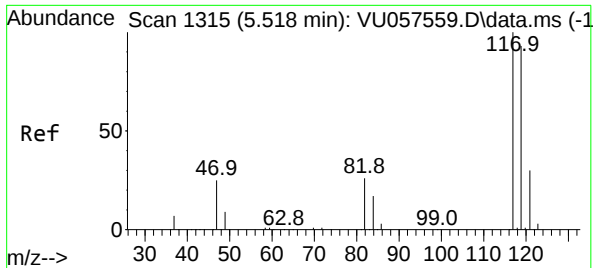
Ion Ratio Lower Upper

97 100

99 63.6 51.5 77.3

61 48.4 36.9 55.3

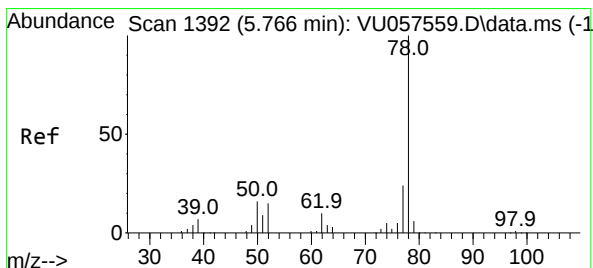
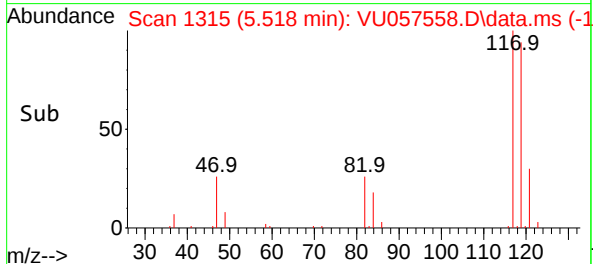
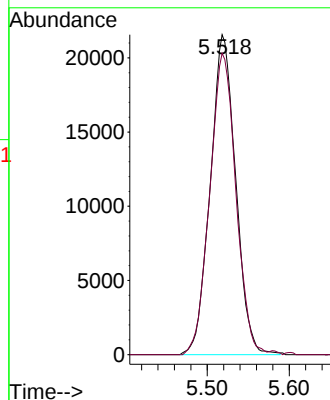
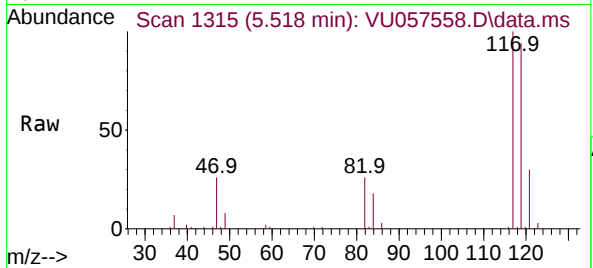




#31
Carbon tetrachloride
Concen: 8.747 ug/L
RT: 5.518 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

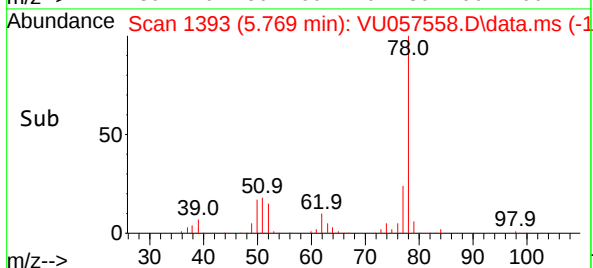
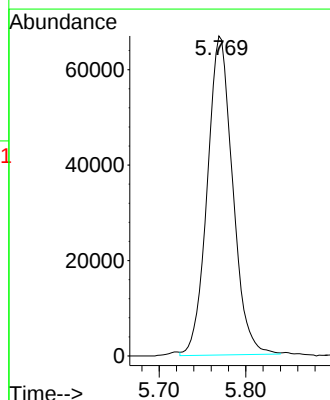
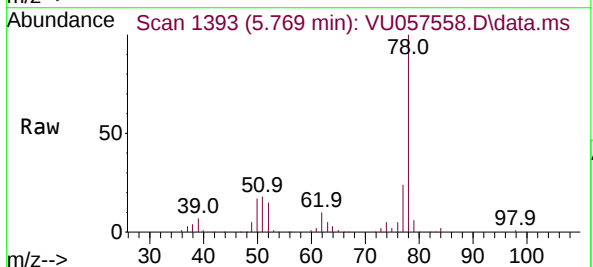
Instrument :
MSVOA_U
ClientSampleId :

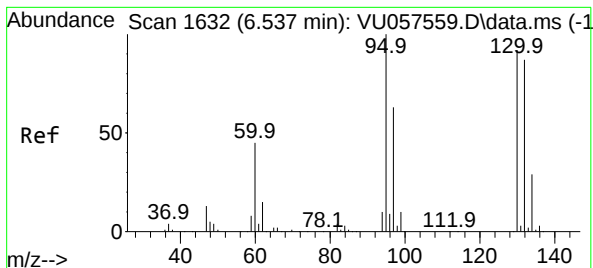
Tgt Ion:117 Resp: 46400
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8



#33
Benzene
Concen: 8.501 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion: 78 Resp: 136273





#34

Trichloroethene

Concen: 7.499 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 35404

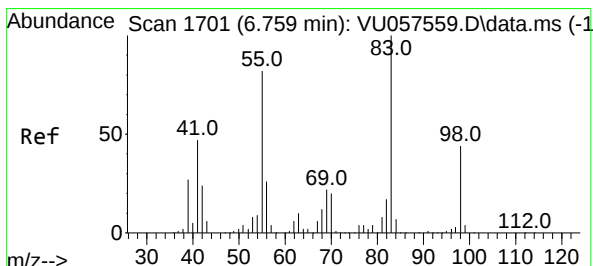
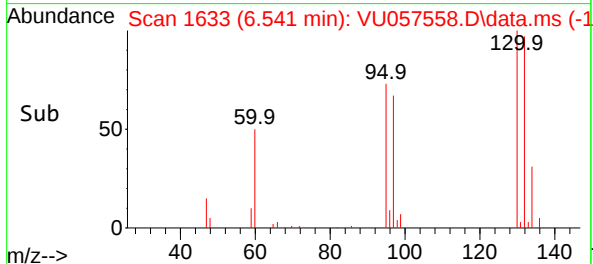
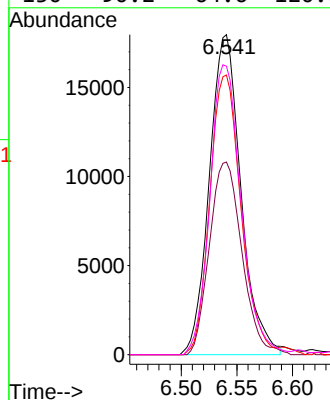
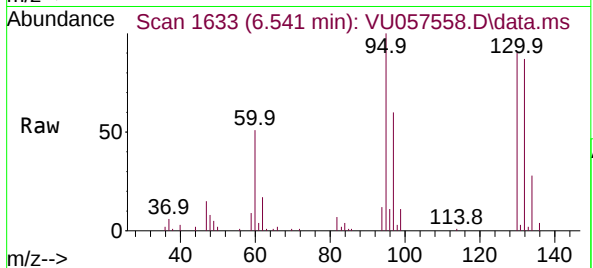
Ion Ratio Lower Upper

95 100

97 60.2 44.4 82.4

132 87.4 60.8 113.0

130 90.2 64.6 120.0



#35

Methylcyclohexane

Concen: 6.880 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

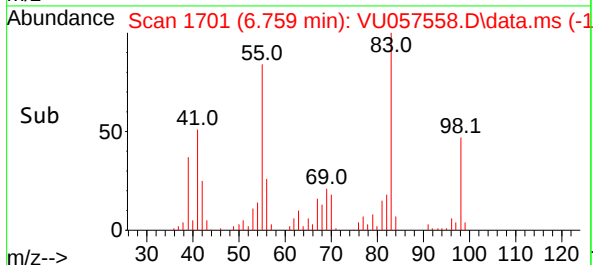
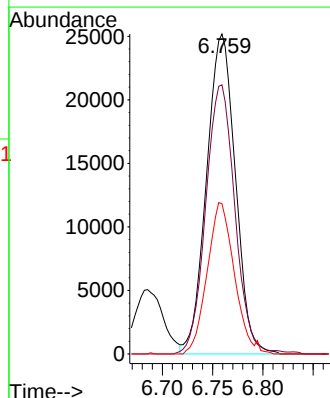
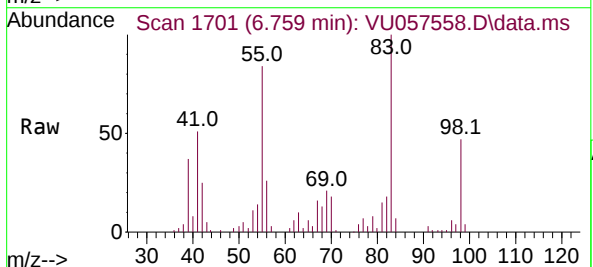
Tgt Ion: 83 Resp: 50266

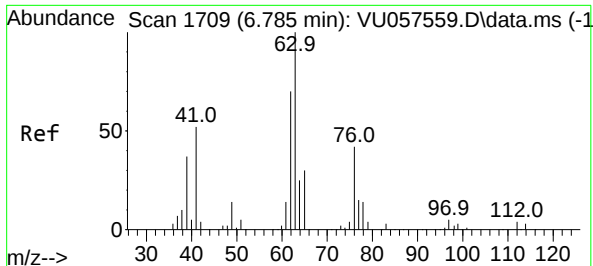
Ion Ratio Lower Upper

83 100

55 84.5 65.8 98.6

98 43.9 34.8 52.2

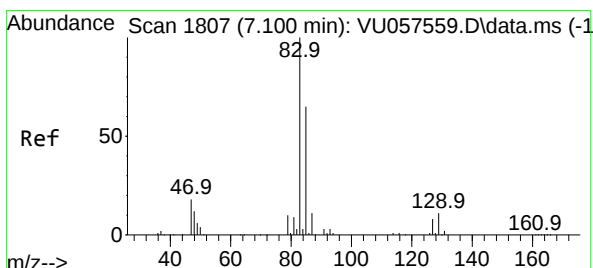
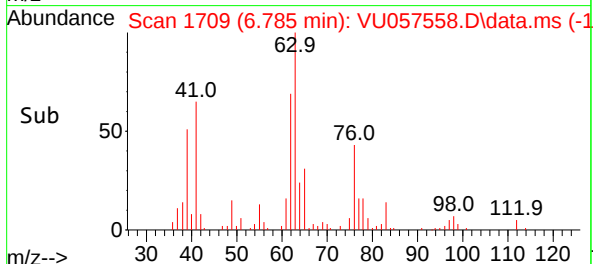
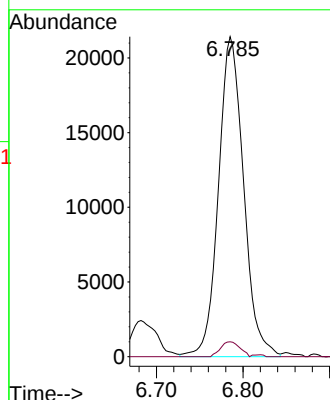
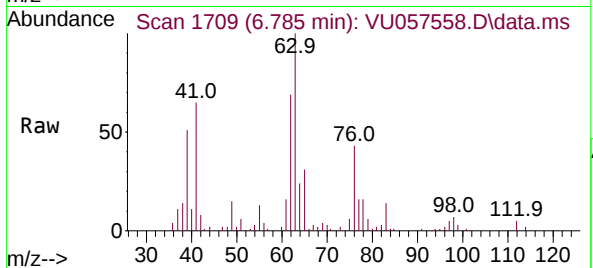




#37
1,2-Dichloropropane
Concen: 8.237 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

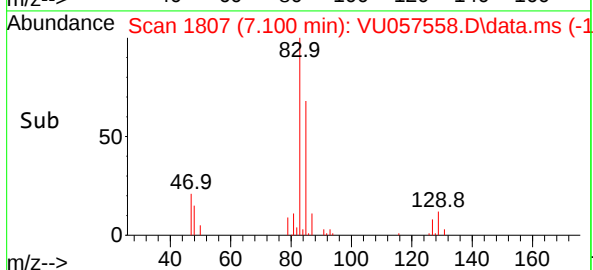
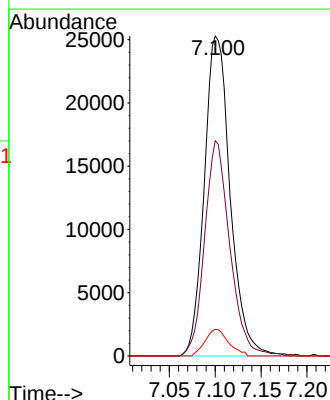
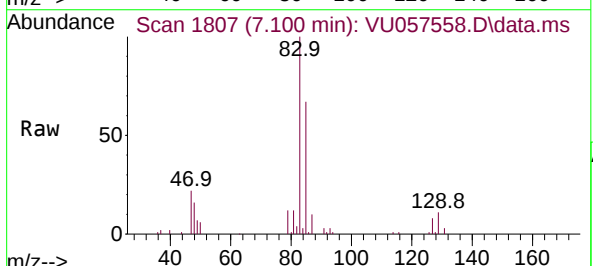
Instrument :
MSVOA_U
ClientSampleId :

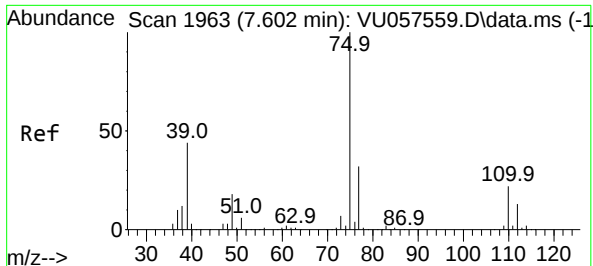
Tgt Ion: 63 Resp: 43193
Ion Ratio Lower Upper
63 100
112 3.6 2.9 4.3



#38
Bromodichloromethane
Concen: 7.464 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion: 83 Resp: 49821
Ion Ratio Lower Upper
83 100
85 67.3 45.4 84.2
127 8.3 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 6.711 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Instrument :

MSVOA_U

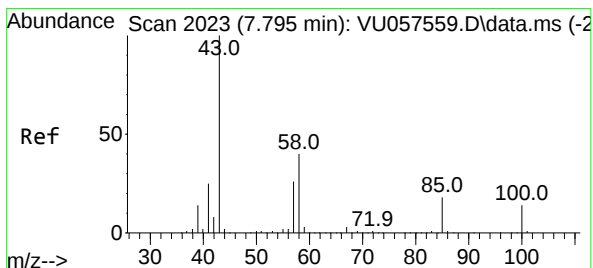
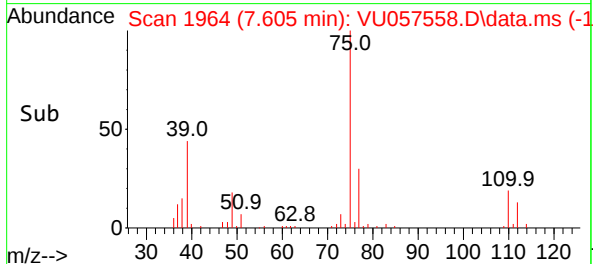
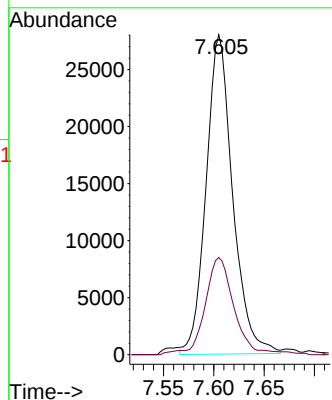
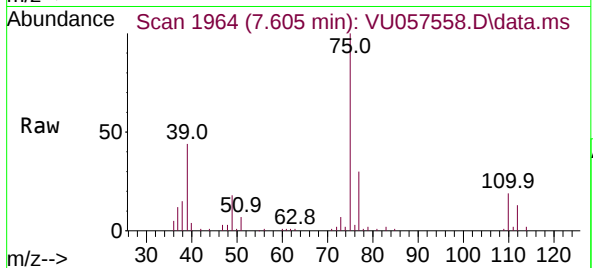
ClientSampleId :

Tgt Ion: 75 Resp: 51470

Ion Ratio Lower Upper

75 100

77 30.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 14.541 ug/L

RT: 7.807 min Scan# 2027

Delta R.T. 0.013 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

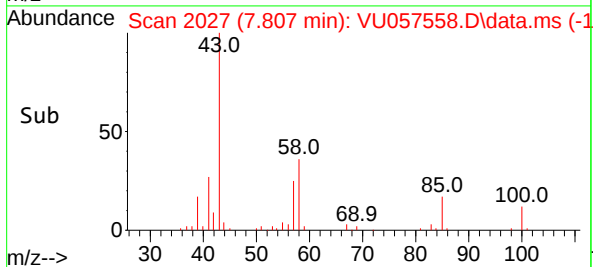
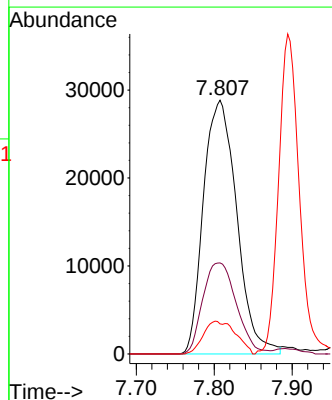
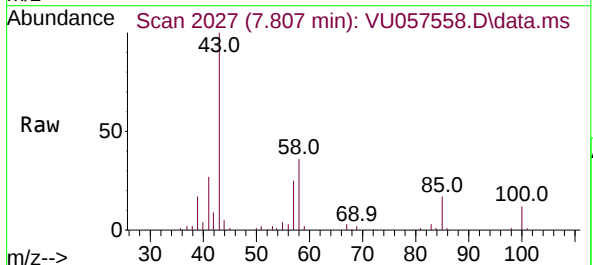
Tgt Ion: 43 Resp: 85824

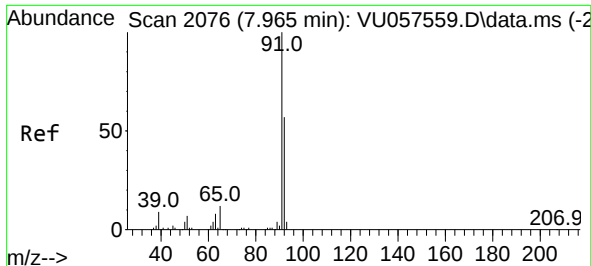
Ion Ratio Lower Upper

43 100

58 36.2 32.2 48.2

100 7.4 11.2 16.8#





#42

Toluene

Concen: 7.297 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Instrument :

MSVOA_U

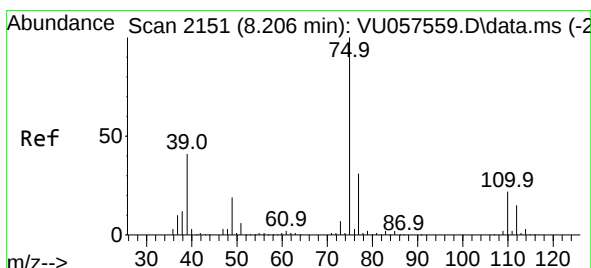
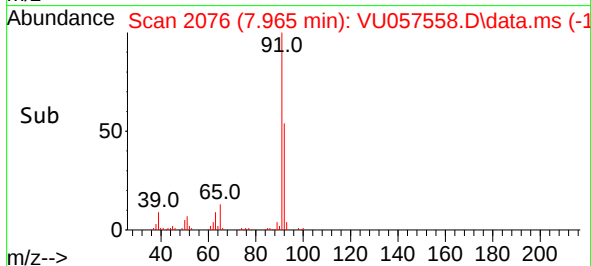
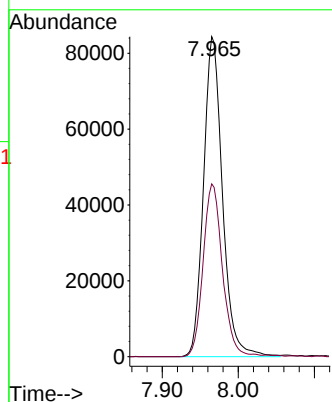
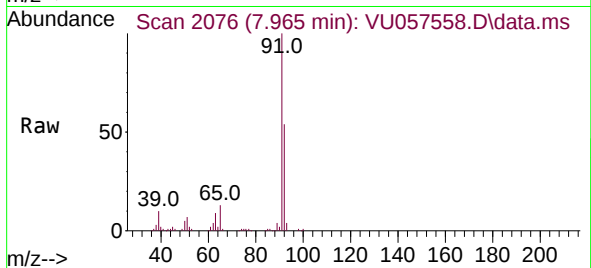
ClientSampleId :

Tgt Ion: 91 Resp: 146370

Ion Ratio Lower Upper

91 100

92 54.0 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 6.081 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU057558.D

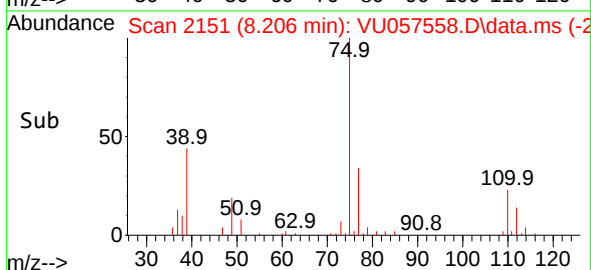
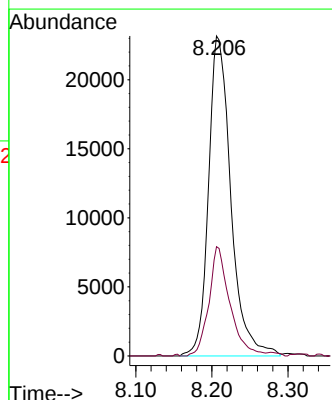
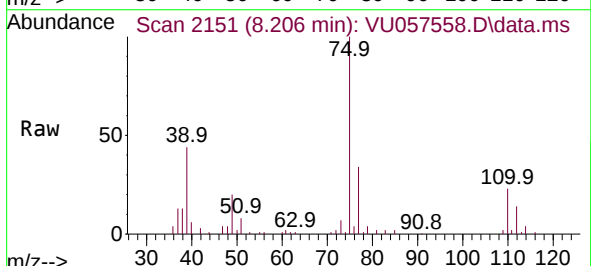
Acq: 18 Jan 2024 14:19

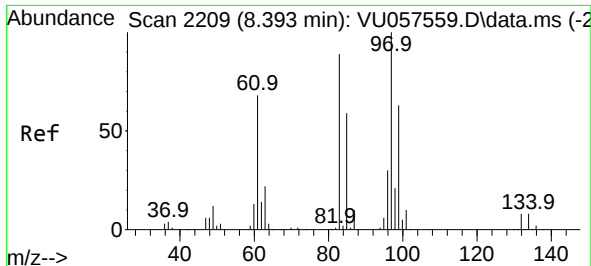
Tgt Ion: 75 Resp: 47293

Ion Ratio Lower Upper

75 100

77 34.1 22.0 40.8

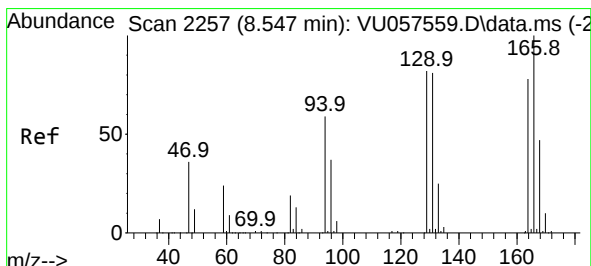
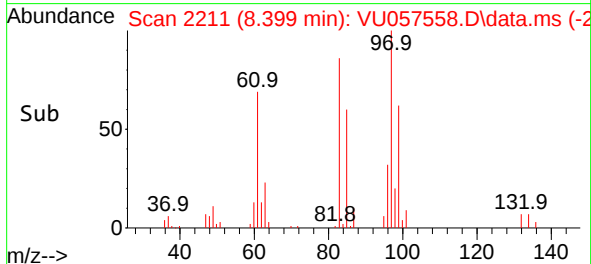
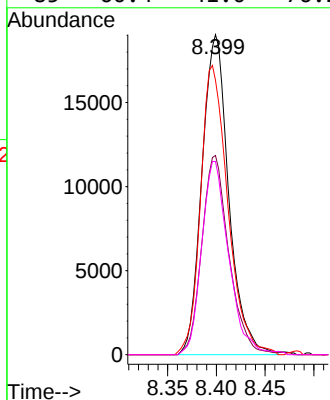
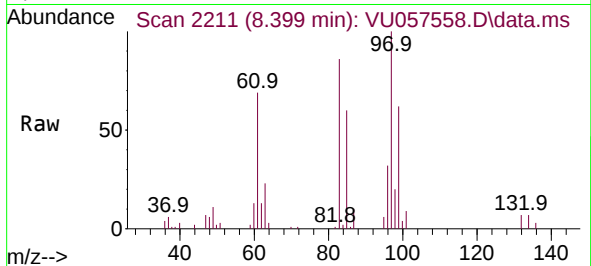




#45
1,1,2-Trichloroethane
Concen: 7.315 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

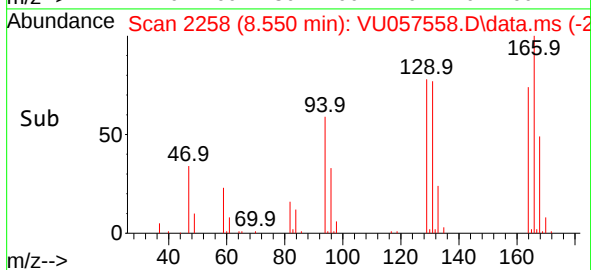
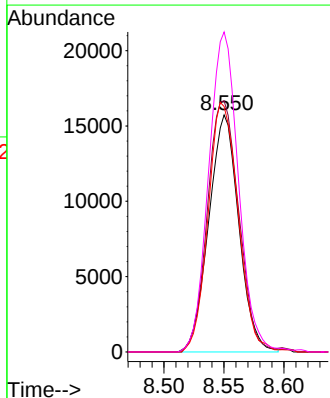
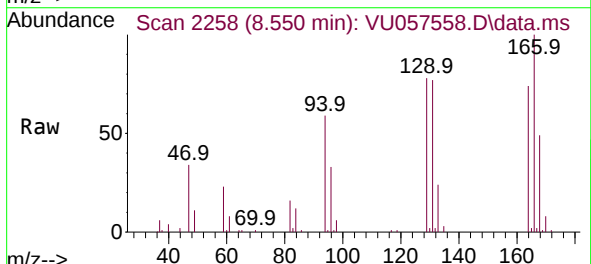
Instrument :
MSVOA_U
ClientSampleId :

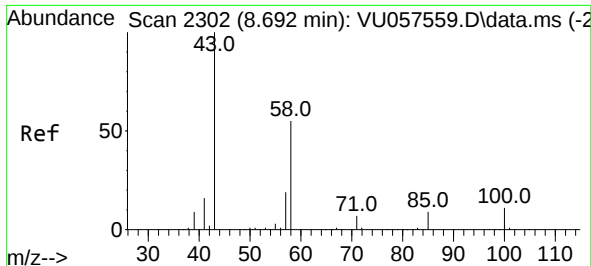
Tgt Ion:	97	Resp:	36522
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.2	82.2
83	85.8	62.2	115.6
85	60.4	41.0	76.2



#46
Tetrachloroethene
Concen: 8.116 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion:	164	Resp:	27359
Ion	Ratio	Lower	Upper
164	100		
129	105.9	73.5	136.5
131	103.5	72.1	133.9
166	134.9	89.2	165.8

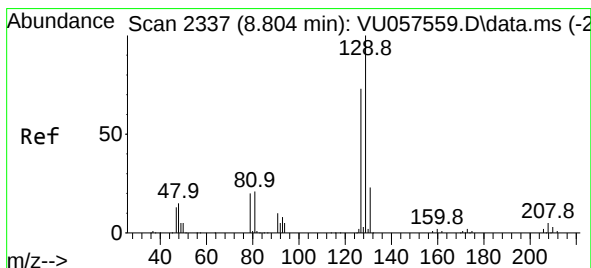
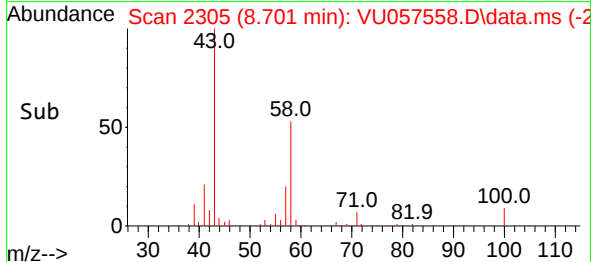
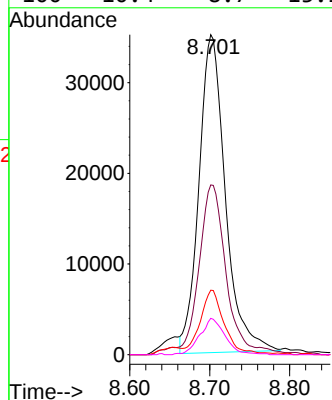
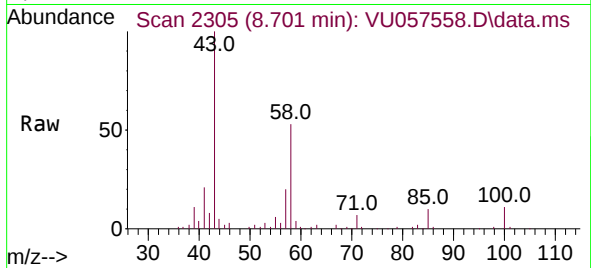




#48
2-Hexanone
Concen: 15.515 ug/L
RT: 8.701 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

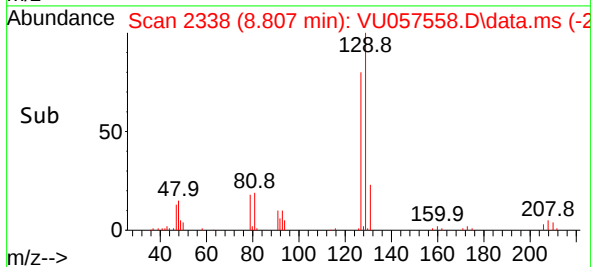
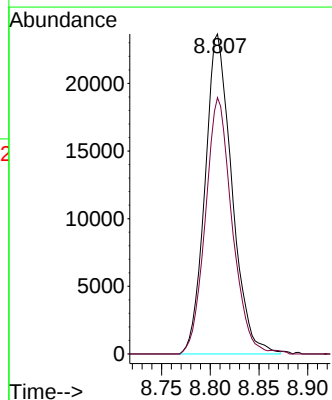
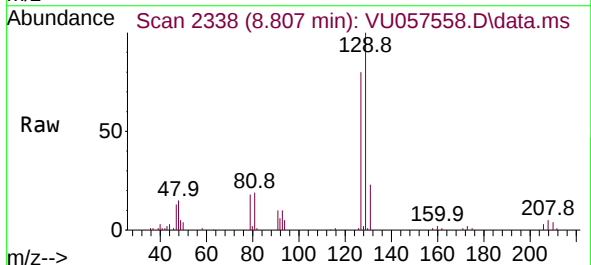
Instrument :
MSVOA_U
ClientSampleId :

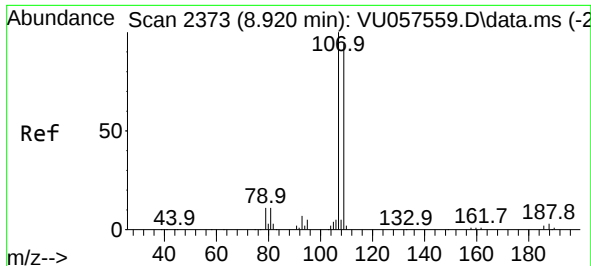
Tgt Ion: 43	Resp: 80629
Ion Ratio	Lower Upper
43 100	
58 49.7	47.0 70.6
57 16.3	15.7 23.5
100 10.4	8.7 13.1



#49
Dibromochloromethane
Concen: 9.101 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion:129	Resp:	45417	
Ion	Ratio	Lower	Upper
129	100		
127	79.1	51.2	95.0





#50

1,2-Dibromoethane

Concen: 9.231 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

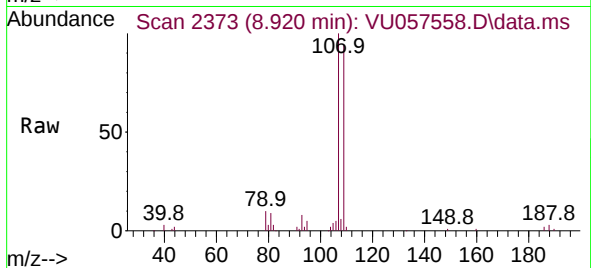
Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

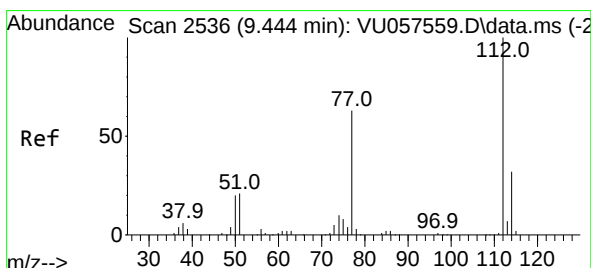
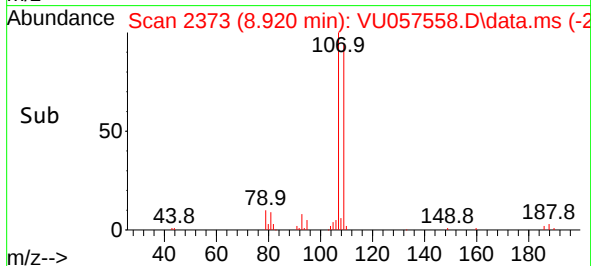
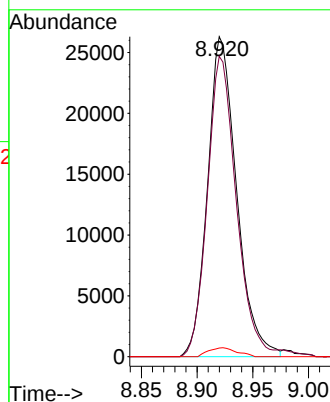
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	47754
Ion Ratio	Lower	Upper	
107	100		
109	93.9	65.6	121.8
188	2.7	2.2	3.4



#51

Chlorobenzene

Concen: 10.012 ug/L

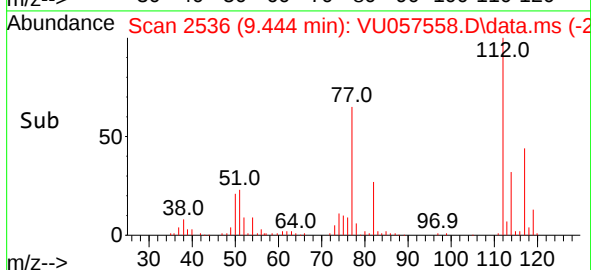
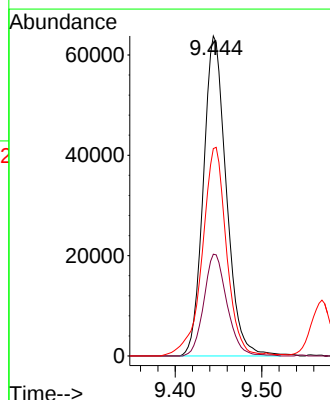
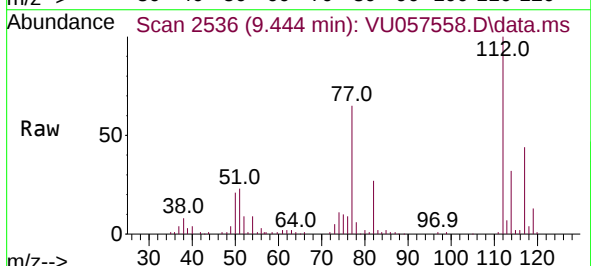
RT: 9.444 min Scan# 2536

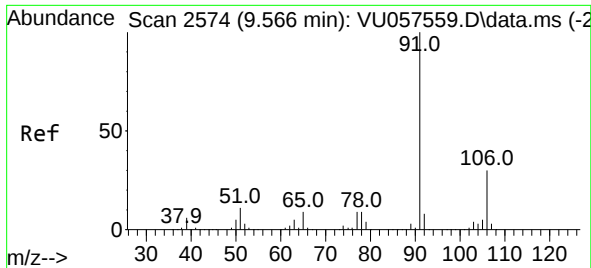
Delta R.T. -0.000 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Tgt Ion:	112	Resp:	117614
Ion Ratio	Lower	Upper	
112	100		
114	31.8	22.3	41.3
77	64.8	50.2	75.4

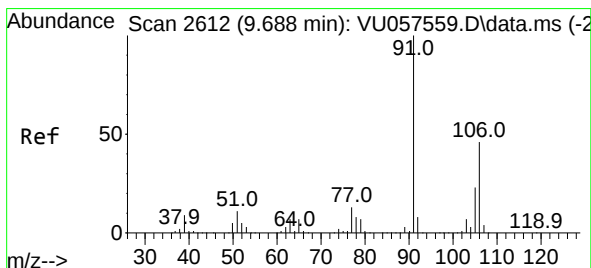
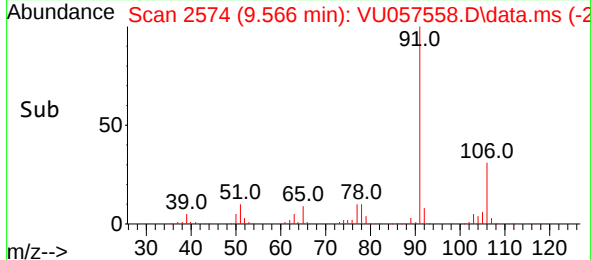
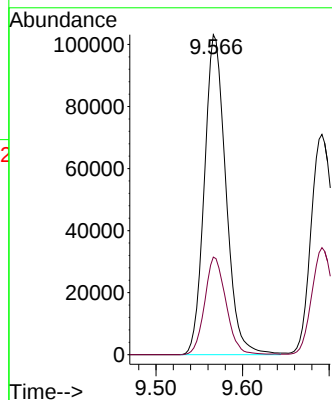
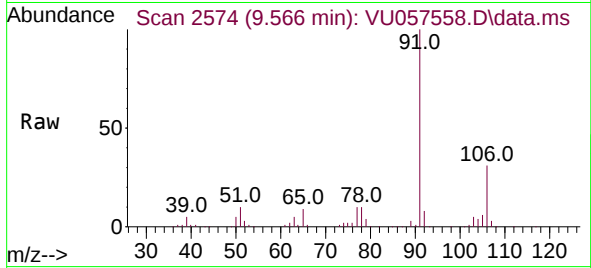




#52
Ethylbenzene
Concen: 9.069 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

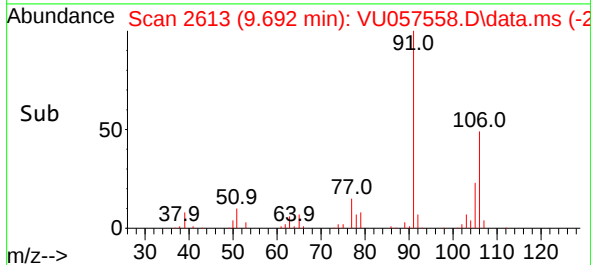
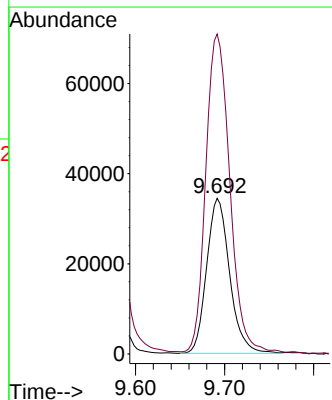
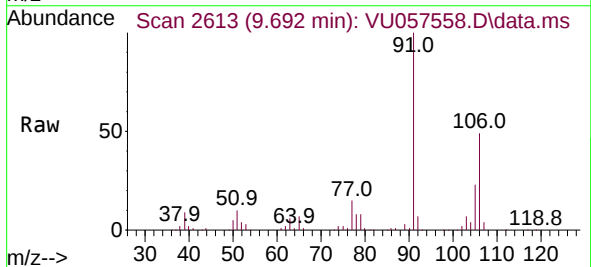
Instrument :
MSVOA_U
ClientSampleId :

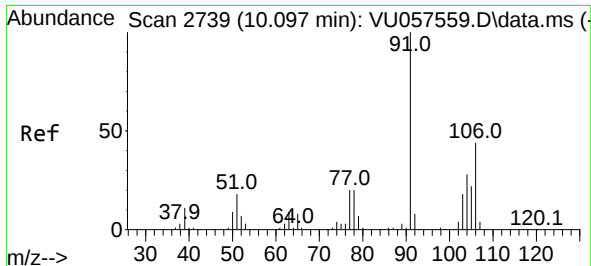
Tgt Ion: 91 Resp: 177945
Ion Ratio Lower Upper
91 100
106 30.5 20.9 38.9



#53
m,p-Xylene
Concen: 8.547 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion:106 Resp: 61687
Ion Ratio Lower Upper
106 100
91 205.6 152.2 282.6

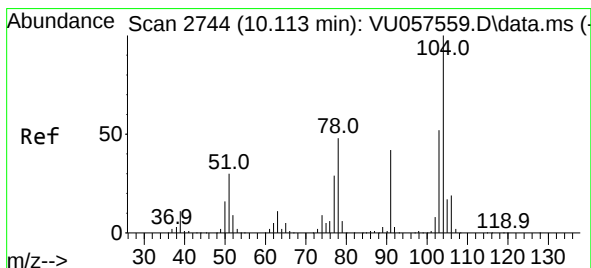
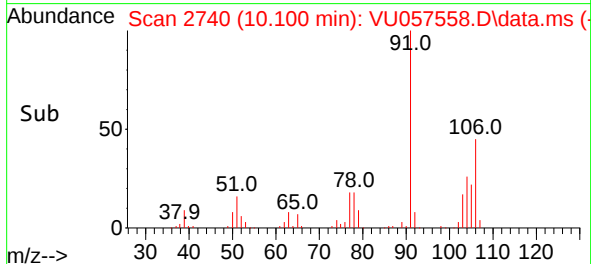
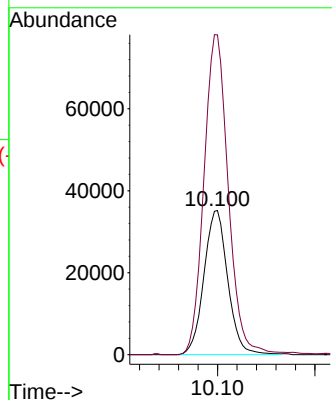
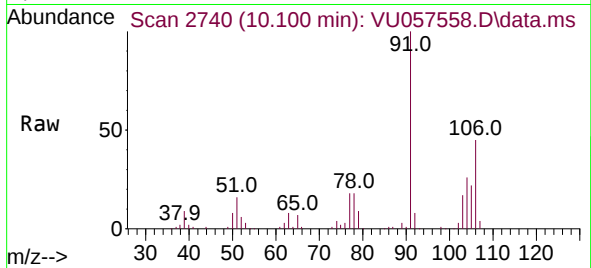




#54
o-Xylene
Concen: 8.625 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

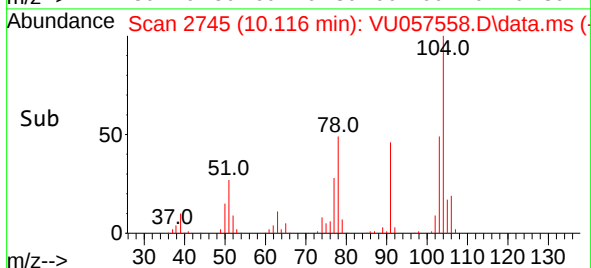
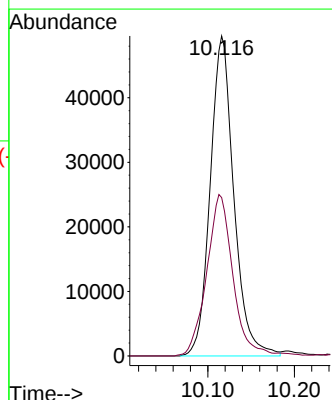
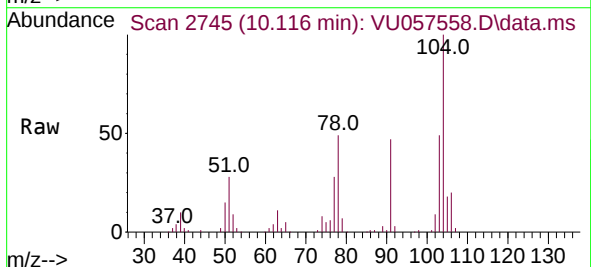
Instrument :
MSVOA_U
ClientSampleId :

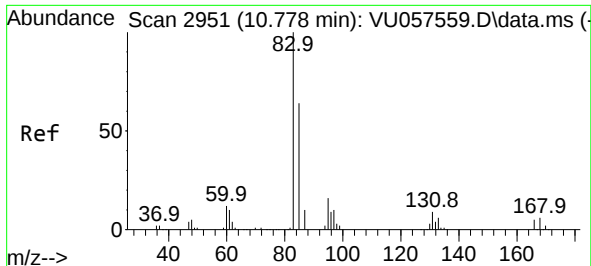
Tgt Ion:106 Resp: 59792
Ion Ratio Lower Upper
106 100
91 221.9 160.9 298.9



#55
Styrene
Concen: 8.093 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion:104 Resp: 93936
Ion Ratio Lower Upper
104 100
78 49.5 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 10.163 ug/L

RT: 10.785 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Instrument :

MSVOA_U

ClientSampleId :

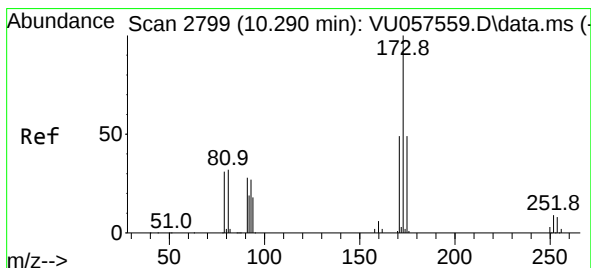
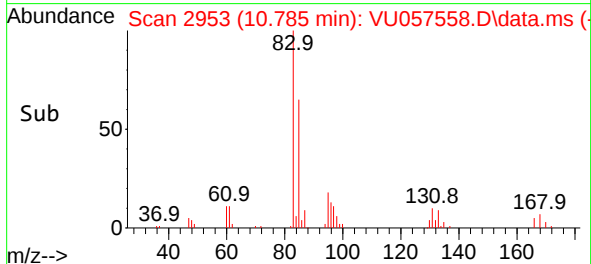
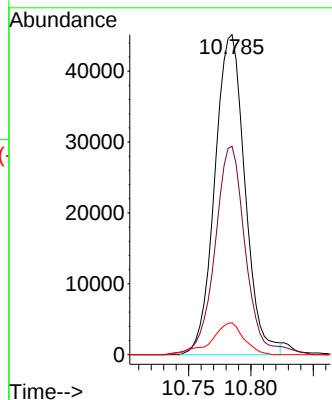
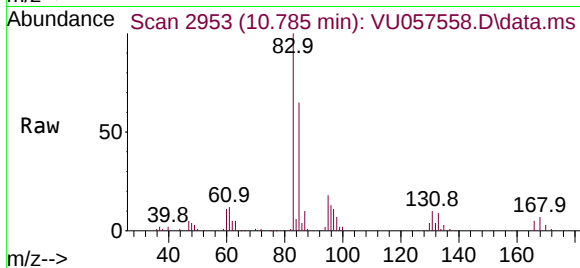
Tgt Ion: 83 Resp: 76027

Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.9

131 9.9 7.1 10.7



#59

Bromoform

Concen: 9.581 ug/L

RT: 10.293 min Scan# 2800

Delta R.T. 0.003 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

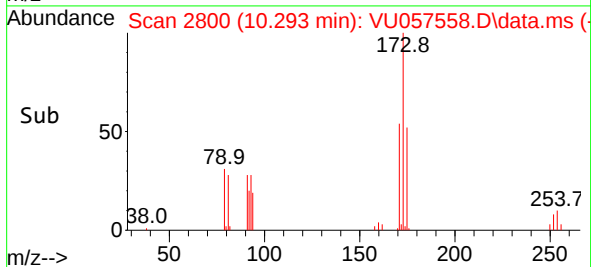
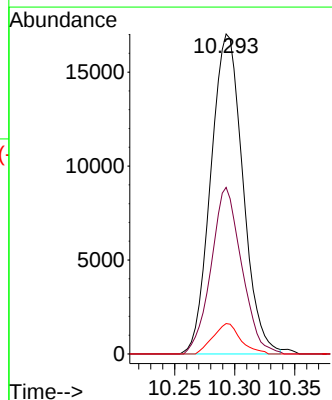
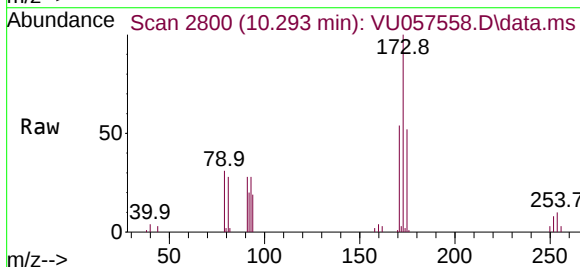
Tgt Ion:173 Resp: 31584

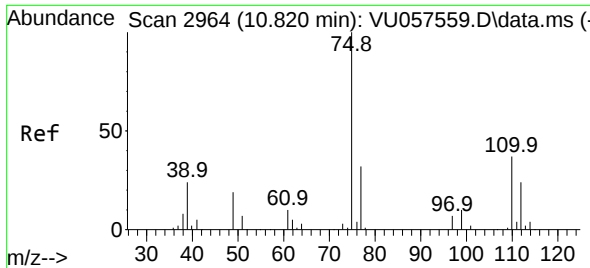
Ion Ratio Lower Upper

173 100

175 49.6 37.8 56.8

254 8.2 6.8 10.2

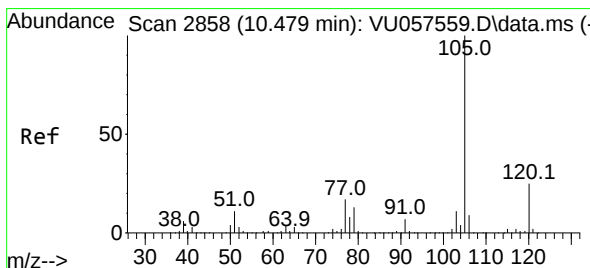
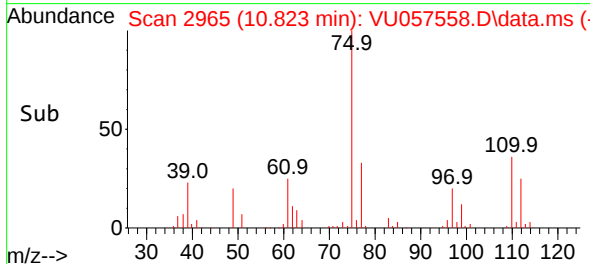
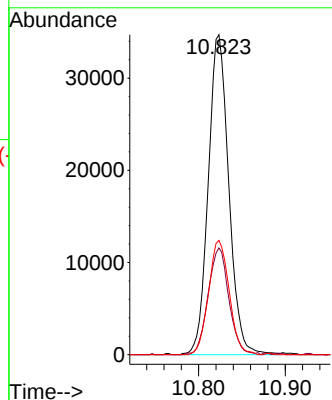
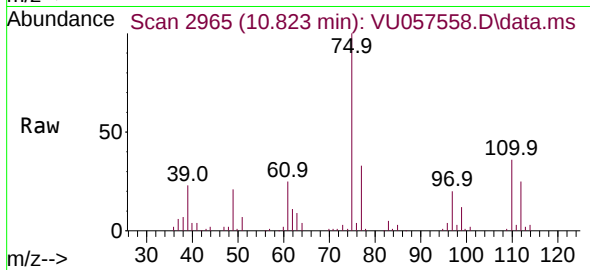




#60
1,2,3-Trichloropropane
Concen: 10.054 ug/L
RT: 10.823 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

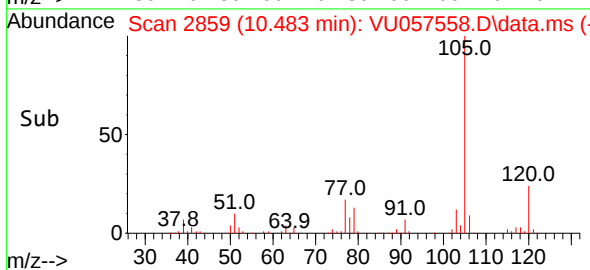
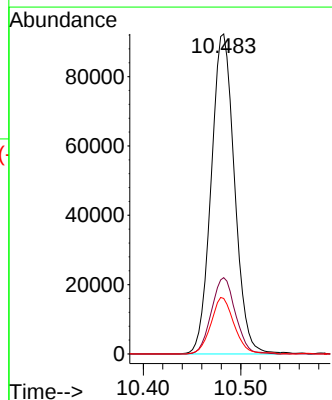
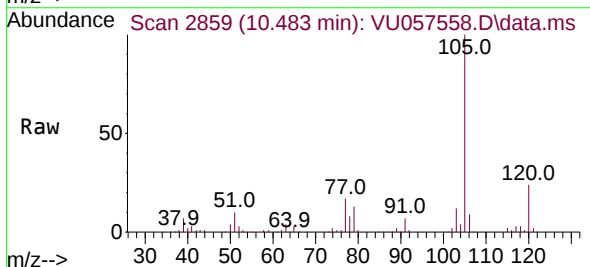
Instrument :
MSVOA_U
ClientSampleId :

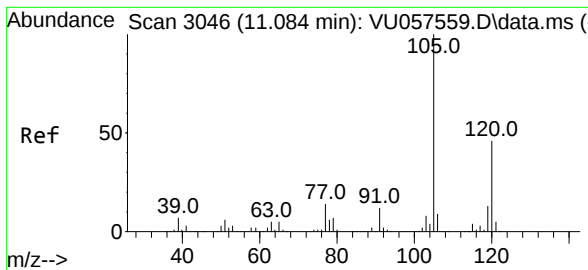
Tgt Ion: 75 Resp: 57208
Ion Ratio Lower Upper
75 100
77 33.8 25.7 38.5
110 35.8 29.1 43.7



#61
Isopropylbenzene
Concen: 8.636 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

Tgt Ion: 105 Resp: 153292
Ion Ratio Lower Upper
105 100
120 24.5 19.9 29.9
77 17.5 13.7 20.5

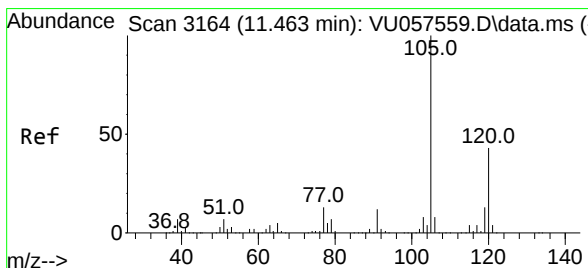
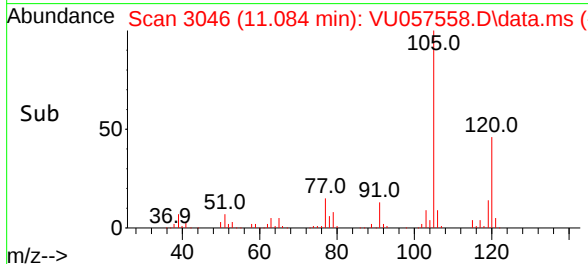
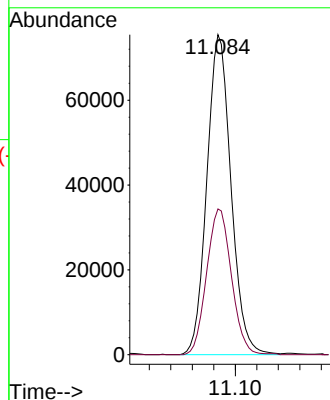
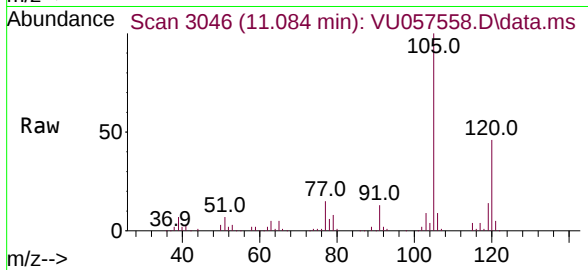




#62
1,3,5-Trimethylbenzene
Concen: 8.820 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

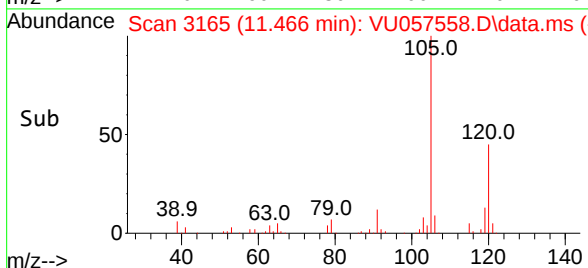
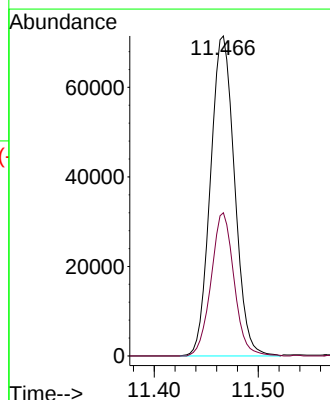
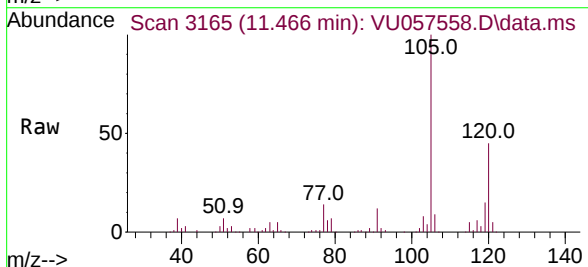
Instrument :
MSVOA_U
ClientSampleId :

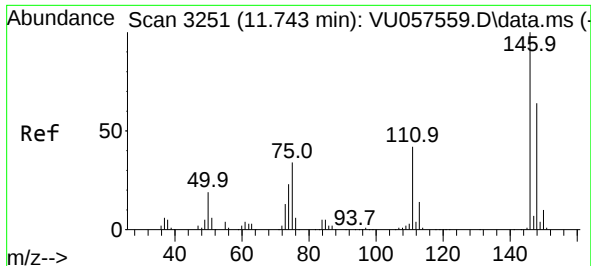
Tgt Ion:105 Resp: 117671
Ion Ratio Lower Upper
105 100
120 46.8 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 8.518 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

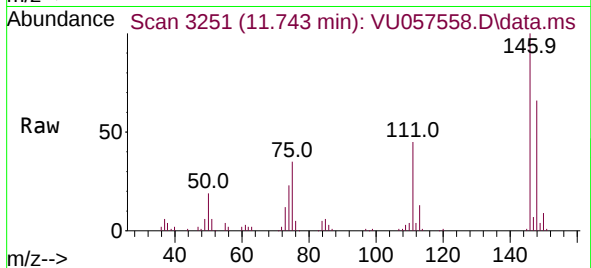
Tgt Ion:105 Resp: 115330
Ion Ratio Lower Upper
105 100
120 42.6 34.5 51.7



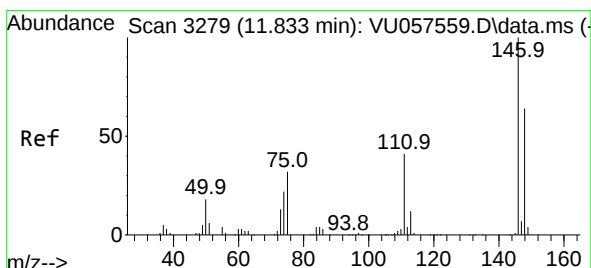
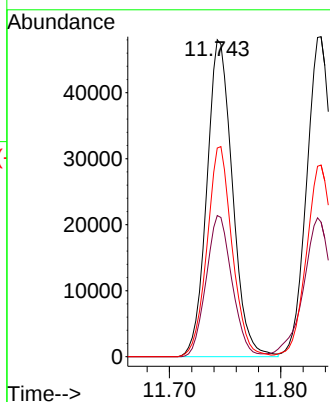
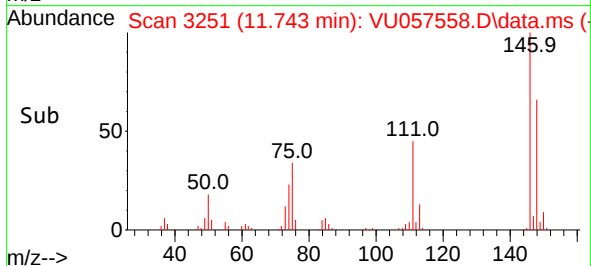


#64
1,3-Dichlorobenzene
Concen: 10.183 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19

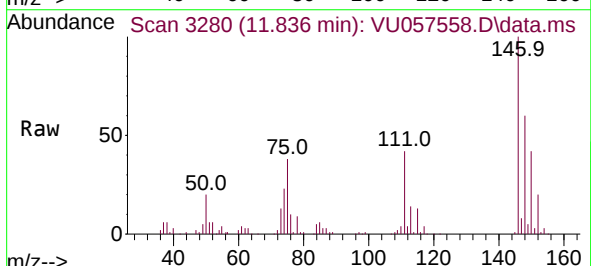
Instrument :
MSVOA_U
ClientSampleId :



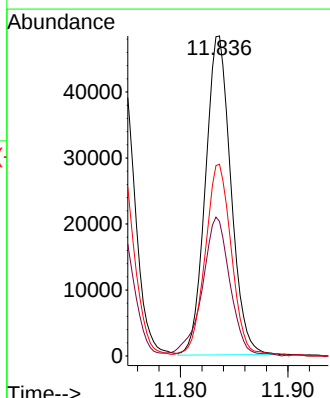
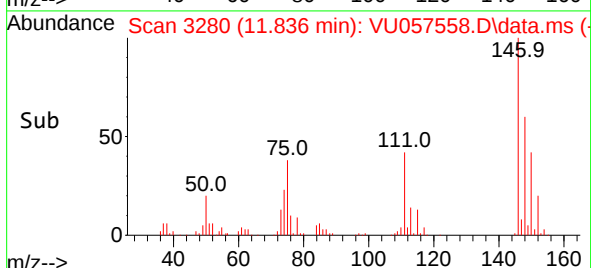
Tgt Ion:146 Resp: 76779
Ion Ratio Lower Upper
146 100
111 44.5 29.5 54.9
148 65.8 44.9 83.3

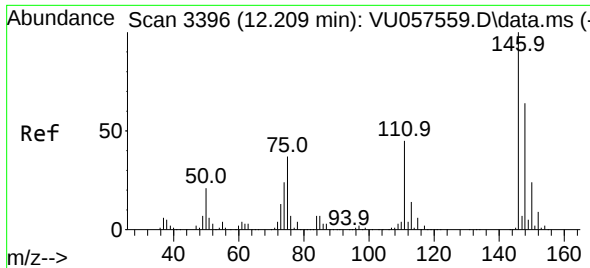


#65
1,4-Dichlorobenzene
Concen: 10.368 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU057558.D
Acq: 18 Jan 2024 14:19



Tgt Ion:146 Resp: 79708
Ion Ratio Lower Upper
146 100
111 42.0 28.8 53.6
148 59.9 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 7.657 ug/L

RT: 12.212 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Instrument :

MSVOA_U

ClientSampleId :

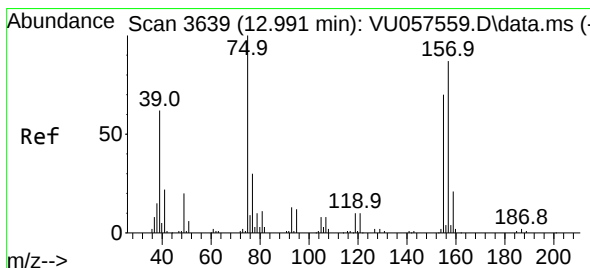
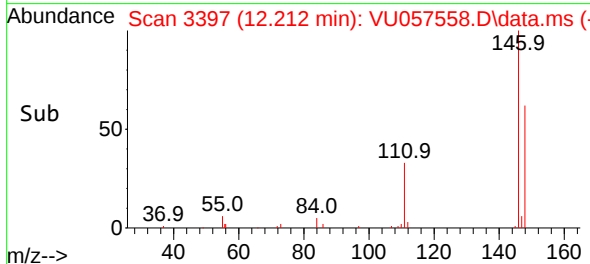
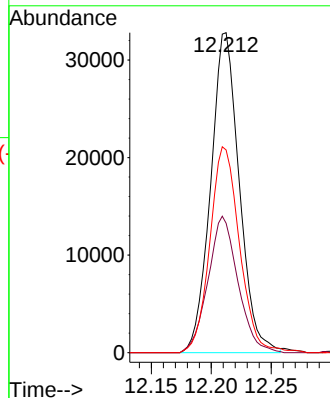
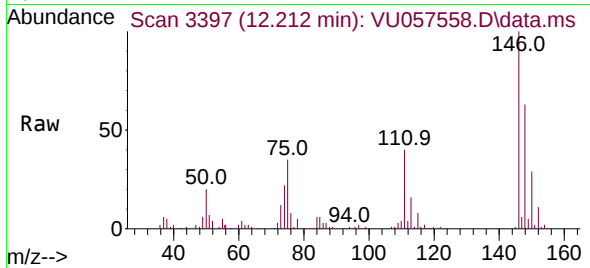
Tgt Ion:146 Resp: 54440

Ion Ratio Lower Upper

146 100

111 40.4 36.0 54.0

148 63.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 7.714 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

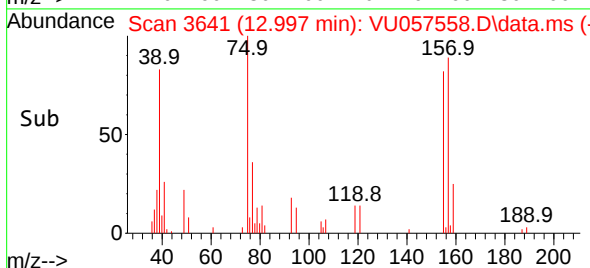
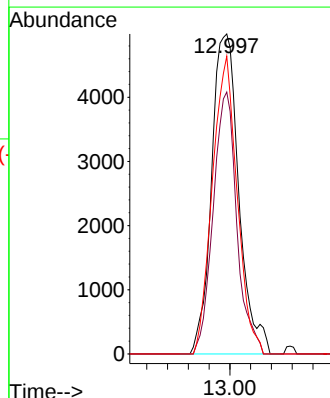
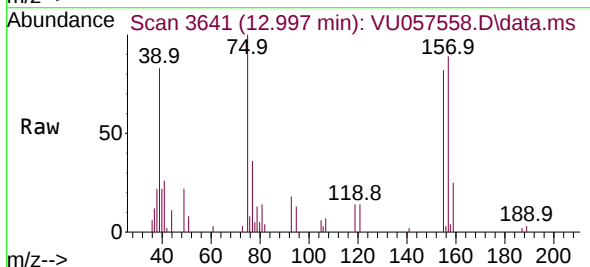
Tgt Ion: 75 Resp: 9086

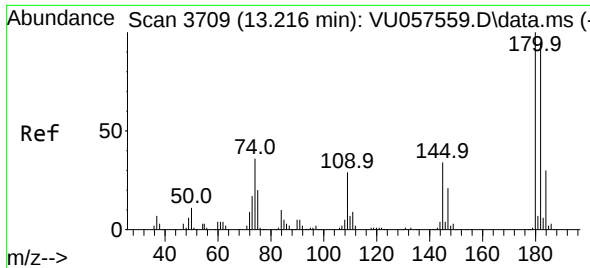
Ion Ratio Lower Upper

75 100

155 75.9 55.8 83.8

157 86.3 69.6 104.4





#69

1,3,5-Trichlorobenzene

Concen: 7.196 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

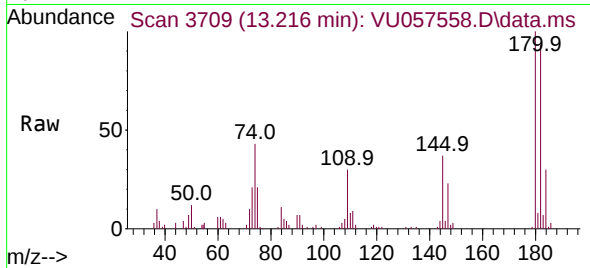
Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 36841

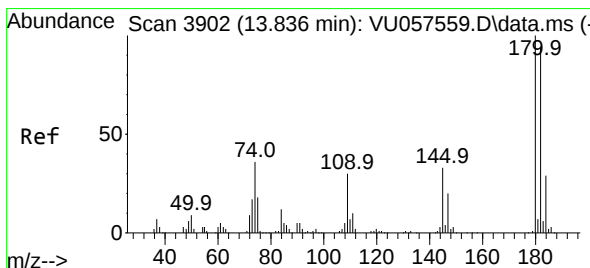
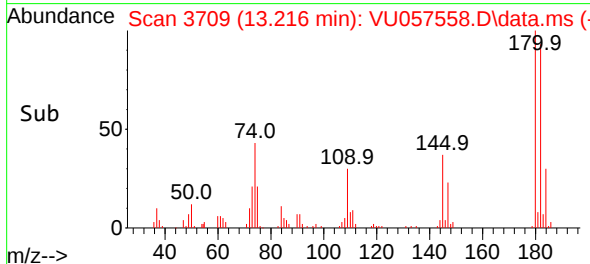
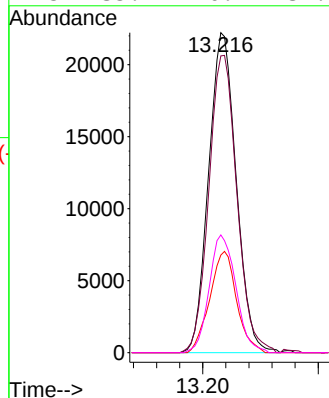
Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

184 30.9 24.4 36.6

145 35.7 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 6.938 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

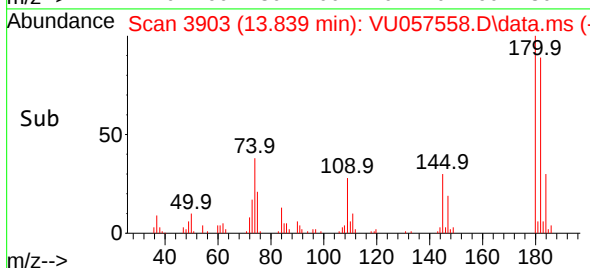
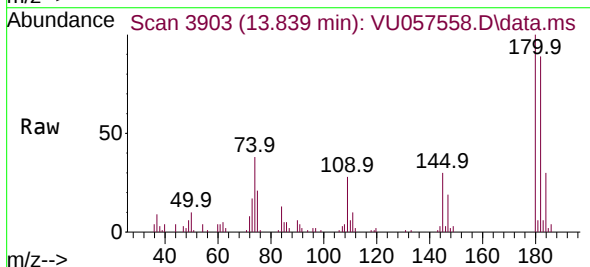
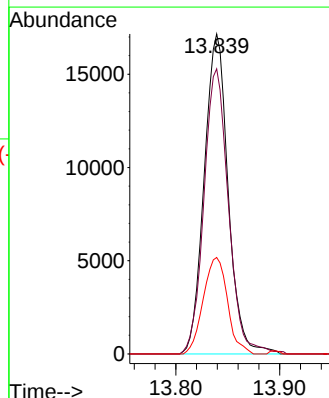
Tgt Ion:180 Resp: 27494

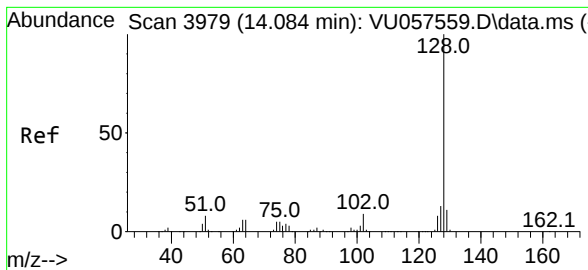
Ion Ratio Lower Upper

180 100

182 91.1 75.8 113.8

145 30.5 26.6 40.0





#71

Naphthalene

Concen: 5.657 ug/L

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU057558.D

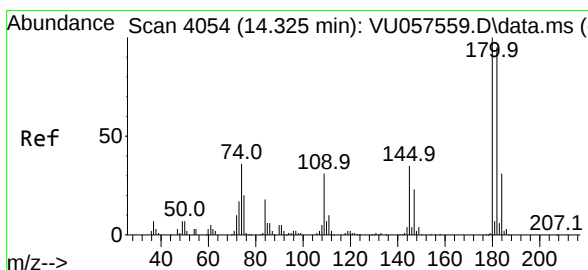
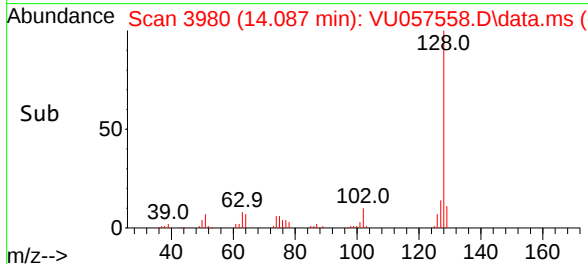
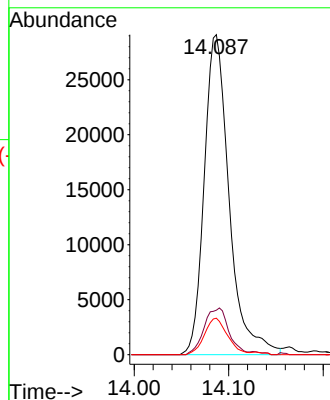
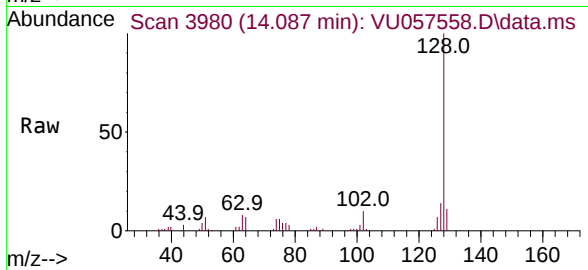
Acq: 18 Jan 2024 14:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	53394
Ion Ratio	Lower	Upper
128	100	
127	14.4	10.6 16.0
129	10.6	8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 6.682 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU057558.D

Acq: 18 Jan 2024 14:19

Tgt Ion:180	Resp:	23987
Ion Ratio	Lower	Upper
180	100	
182	89.7	77.7 116.5
145	32.9	28.3 42.5

