

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
 Data File : VU057467.D
 Acq On : 11 Jan 2024 19:06
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 21:36:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:30:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	314408	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	303675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	138702	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	167354	5.246	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.914	69	135187	5.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.563	65	71222	5.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	4.637	46	324079	53.710	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.420%
24) Chloroform-d	5.055	84	285182	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.695	65	138042	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.721	84	570765	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.682	67	175986	5.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.891	98	498469	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	8.174	79	62745	5.226	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.631	63	230107	52.936	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.880%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	123205	5.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	145249	5.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	110420	5.323	ug/L	99
3) Chloromethane	1.518	50	121889	4.575	ug/L	100
5) Vinyl chloride	1.602	62	122332	5.157	ug/L	100
6) Bromomethane	1.856	94	71851	5.202	ug/L	96
8) Chloroethane	1.933	64	76002	5.138	ug/L	97
9) Trichlorofluoromethane	2.136	101	171819	5.298	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	110440	5.323	ug/L	99
12) 1,1-Dichloroethene	2.576	96	98479	5.361	ug/L	97
13) Acetone	2.663	43	165804	45.711	ug/L	100
14) Carbon disulfide	2.788	76	269266	5.246	ug/L	99
15) Methyl Acetate	2.962	43	39489	4.816	ug/L	98
16) Methylene chloride	3.042	84	120234	4.840	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	246425	5.408	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	98198	5.386	ug/L	99
19) 1,1-Dichloroethane	3.862	63	217716	5.292	ug/L	98
21) 2-Butanone	4.721	43	275555	53.704	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	117006	5.512	ug/L	99
23) Bromochloromethane	4.968	128	48511	5.323	ug/L	100
25) Chloroform	5.081	83	227832	5.340	ug/L	97

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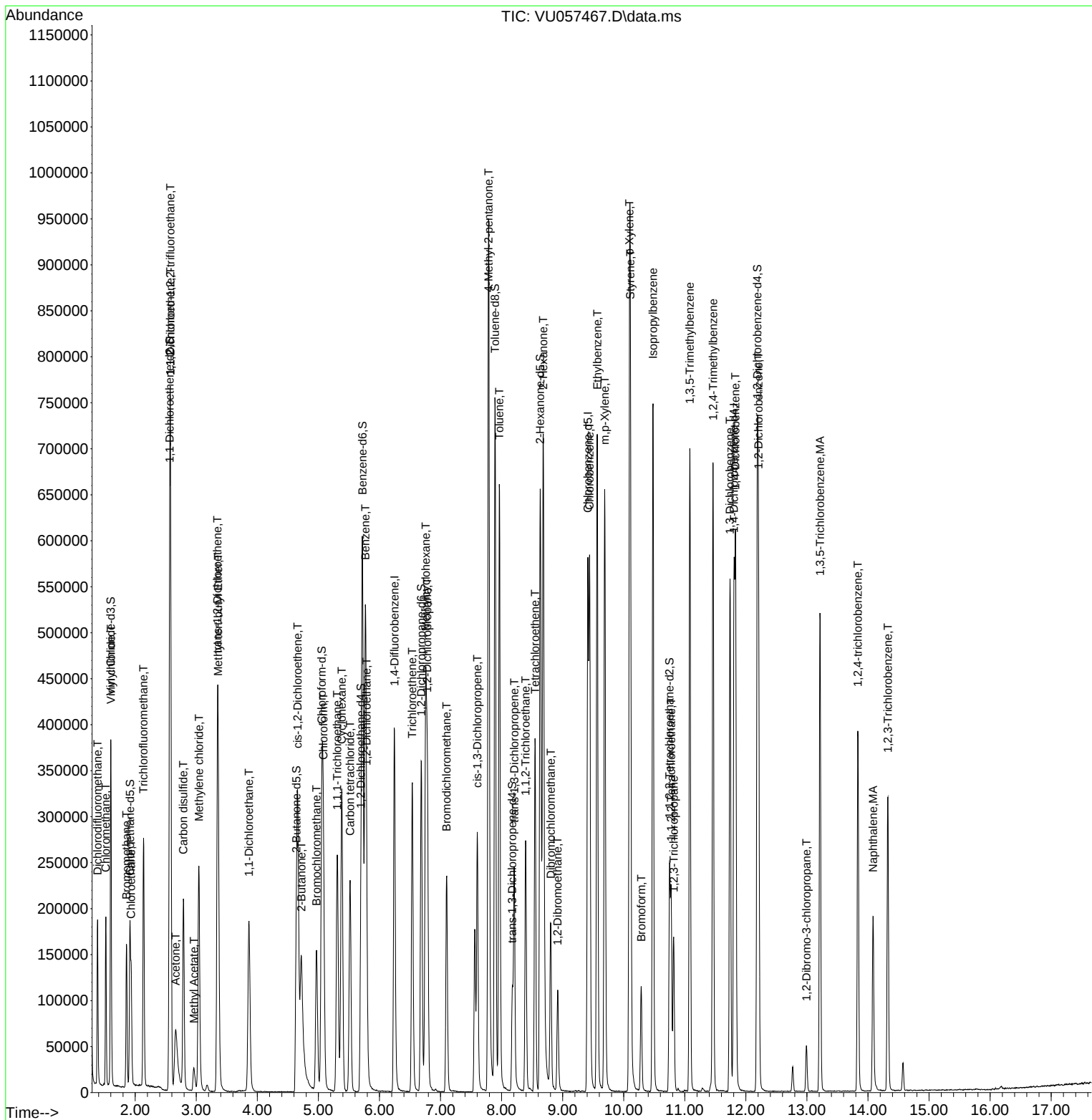
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 ClientSampleId :

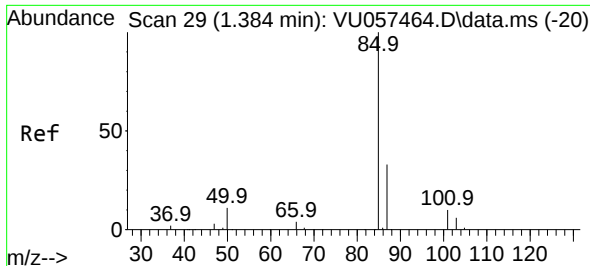
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:30:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	131890	5.133	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	192635	5.142	ug/L	97
30) Cyclohexane	5.383	56	157658	5.174	ug/L	98
31) Carbon tetrachloride	5.518	117	158334	5.118	ug/L	97
33) Benzene	5.769	78	456499	5.116	ug/L	100
34) Trichloroethene	6.538	95	119257	5.088	ug/L	98
35) Methylcyclohexane	6.756	83	158353	5.082	ug/L	99
37) 1,2-Dichloropropane	6.782	63	130148	5.143	ug/L	99
38) Bromodichloromethane	7.100	83	155985	5.120	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	169926	5.080	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	668652	53.229	ug/L	99
42) Toluene	7.962	91	481626	5.477	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	142094	5.219	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	83823	5.136	ug/L	98
47) Tetrachloroethene	8.547	164	79432	5.103	ug/L	99
48) 2-Hexanone	8.682	43	503330	54.866	ug/L	98
49) Dibromochloromethane	8.804	129	91298	5.214	ug/L	99
50) 1,2-Dibromoethane	8.917	107	74258	5.522	ug/L #	99
51) Chlorobenzene	9.441	112	294150	5.306	ug/L	99
52) Ethylbenzene	9.566	91	499389	5.521	ug/L	98
53) m,p-Xylene	9.689	106	184417	5.660	ug/L	97
54) o-Xylene	10.094	106	176780	5.655	ug/L	92
55) Styrene	10.110	104	297497	5.779	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	106733	5.395	ug/L	98
59) Bromoform	10.287	173	49375	5.470	ug/L	99
60) Isopropylbenzene	10.479	105	468679	5.810	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	71892	5.539	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	377323	5.932	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	375031	5.890	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	218404	5.561	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	213326	5.472	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	198794	5.465	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	14473	5.814	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	149691	5.687	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	112072	6.288	ug/L	98
71) Naphthalene	14.084	128	157831	6.333	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	93600	6.412	ug/L	98

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

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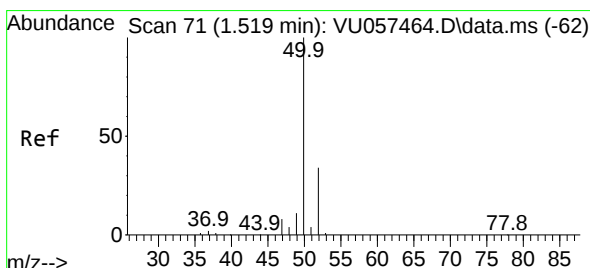
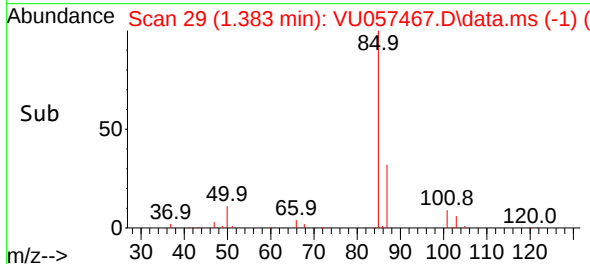
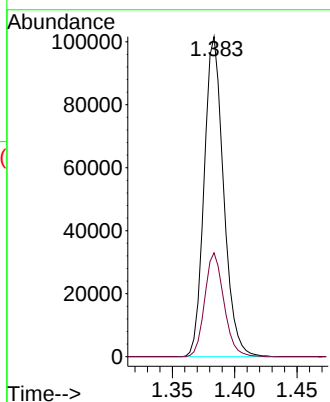
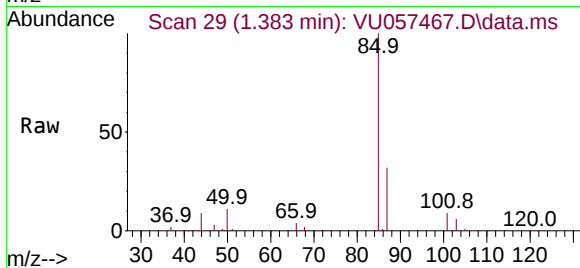




#2
 Dichlorodifluoromethane
 Concen: 5.323 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU057467.D
 Acq: 11 Jan 2024 19:06

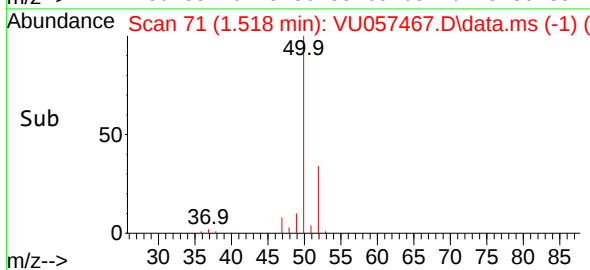
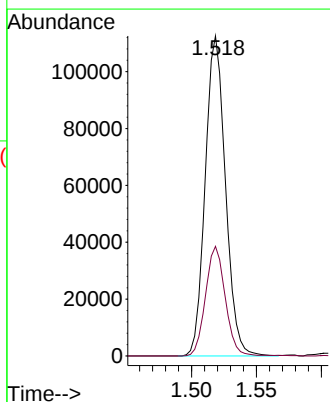
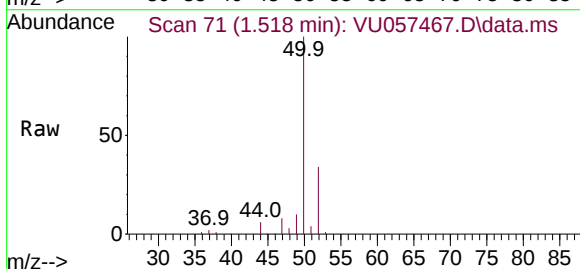
Instrument :
 MSVOA_U
 ClientSampleId :

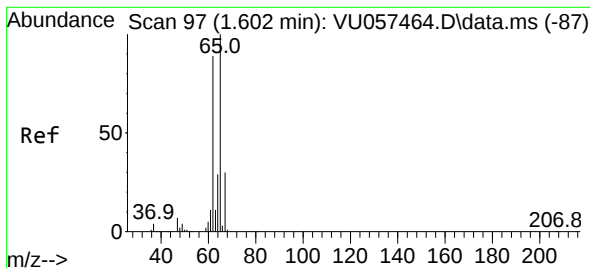
Tgt Ion: 85 Resp: 110420
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4



#3
 Chloromethane
 Concen: 4.575 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057467.D
 Acq: 11 Jan 2024 19:06

Tgt Ion: 50 Resp: 121889
 Ion Ratio Lower Upper
 50 100
 52 34.3 24.1 44.7





#5

Vinyl chloride

Concen: 5.157 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

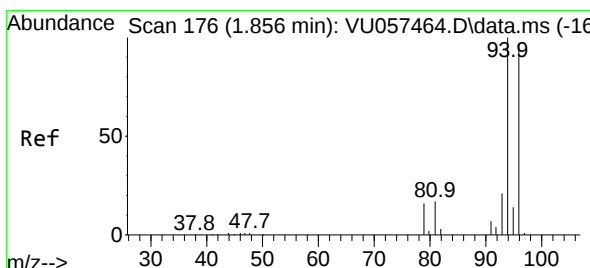
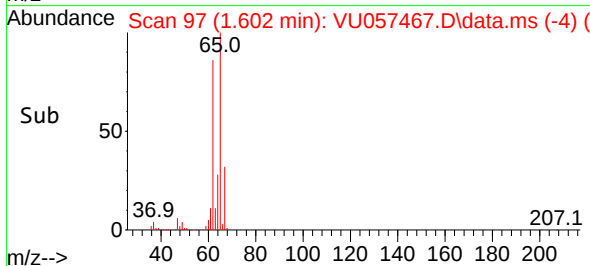
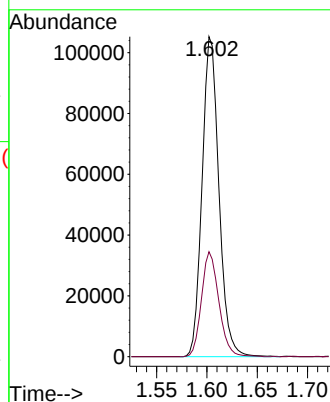
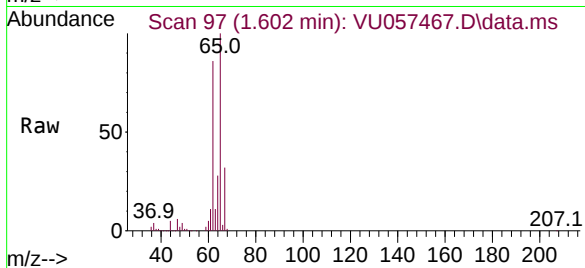
ClientSampleId :

Tgt Ion: 62 Resp: 122332

Ion Ratio Lower Upper

62 100

64 32.8 22.9 42.5



#6

Bromomethane

Concen: 5.202 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU057467.D

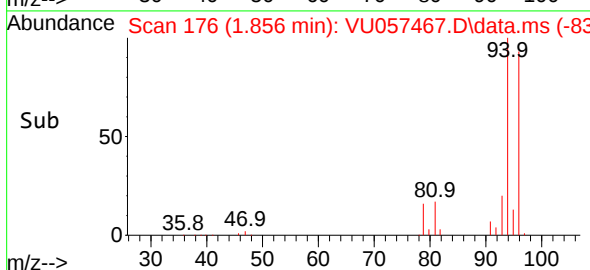
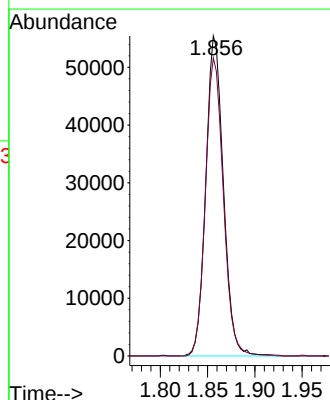
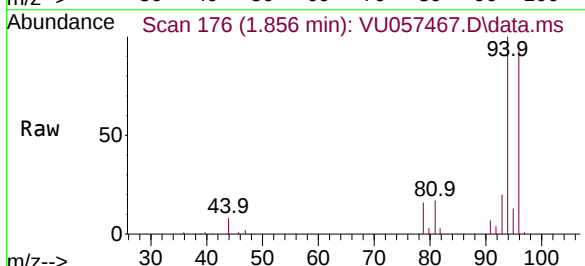
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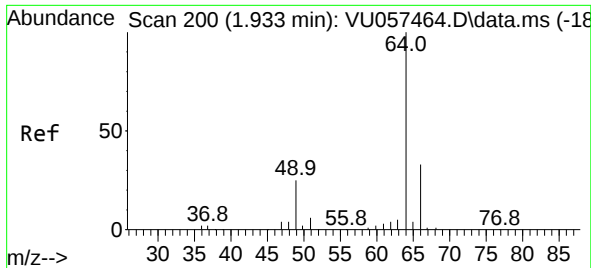
Tgt Ion: 94 Resp: 71851

Ion Ratio Lower Upper

94 100

96 93.2 68.0 126.2

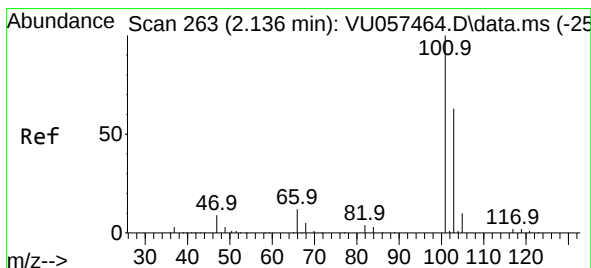
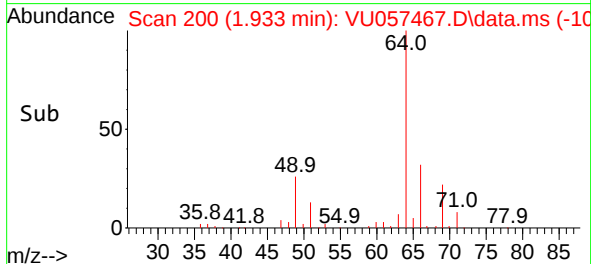
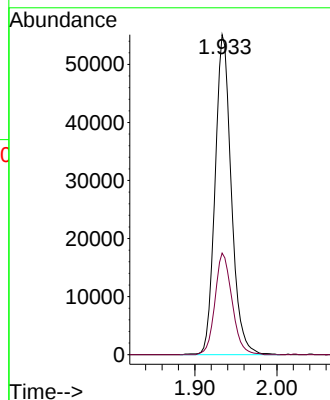
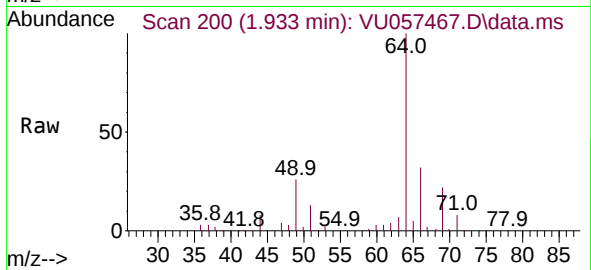




#8
Chloroethane
Concen: 5.138 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

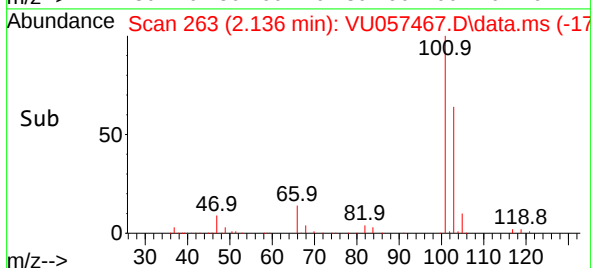
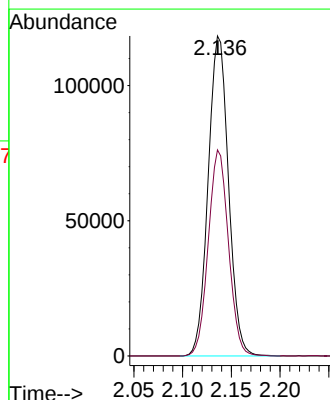
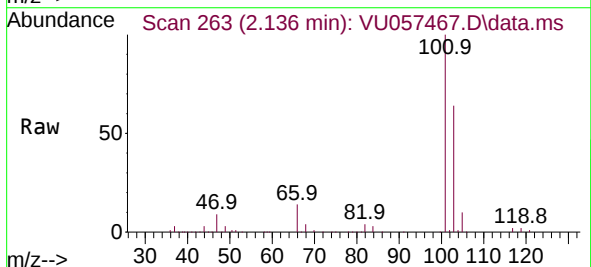
Instrument :
MSVOA_U
ClientSampleId :

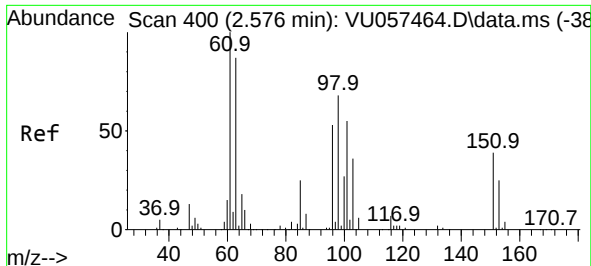
Tgt Ion: 64 Resp: 76002
Ion Ratio Lower Upper
64 100
66 31.8 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.298 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

Tgt Ion: 101 Resp: 171819
Ion Ratio Lower Upper
101 100
103 63.9 51.2 76.8

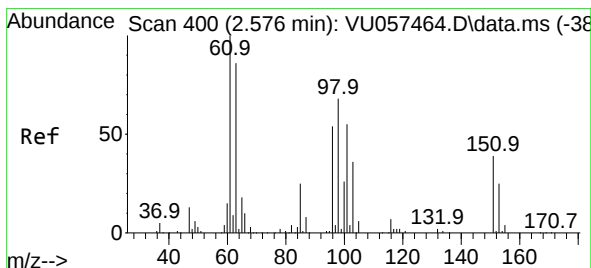
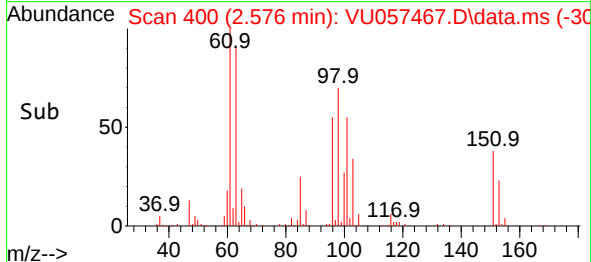
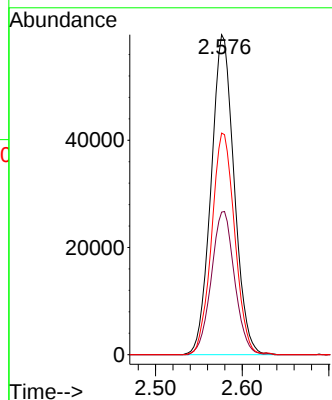
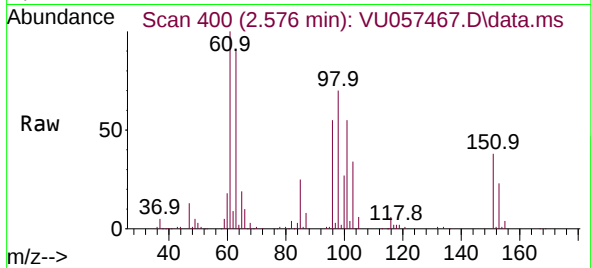




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.323 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057467.D
 Acq: 11 Jan 2024 19:06

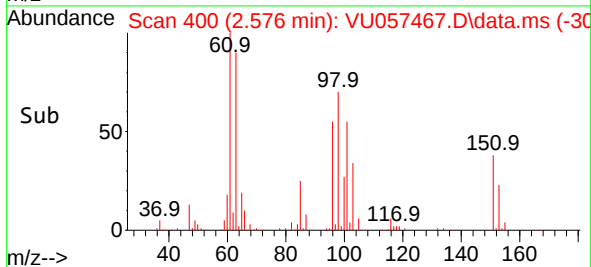
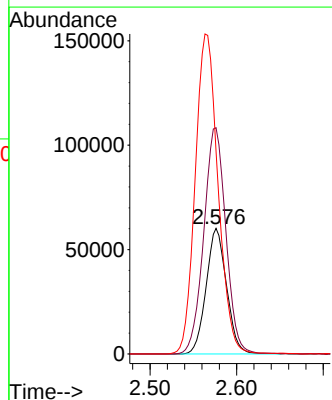
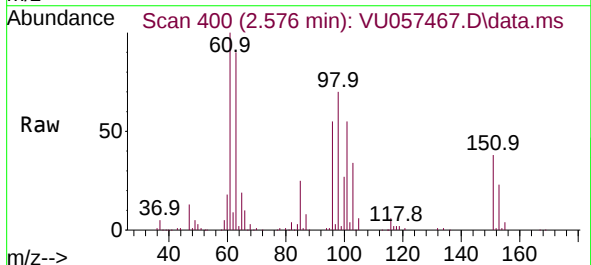
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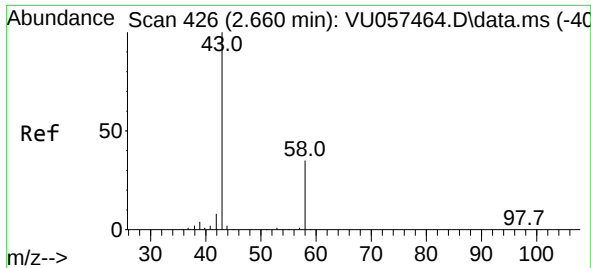
Tgt Ion:101 Resp: 110440
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.1 52.7
 151 69.2 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 5.361 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057467.D
 Acq: 11 Jan 2024 19:06

Tgt Ion: 96 Resp: 98479
 Ion Ratio Lower Upper
 96 100
 61 180.2 130.9 243.1
 63 161.5 114.8 213.2





#13

Acetone

Concen: 45.711 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

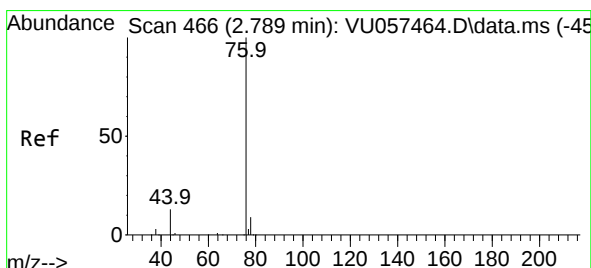
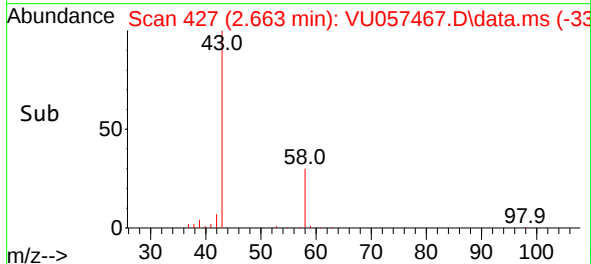
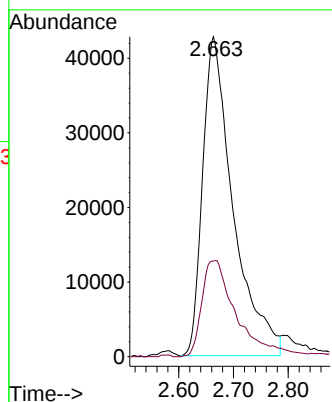
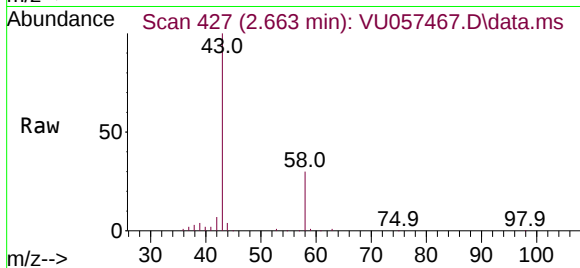
ClientSampleId :

Tgt Ion: 43 Resp: 165804

Ion Ratio Lower Upper

43 100

58 34.2 0.0 67.8



#14

Carbon disulfide

Concen: 5.246 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057467.D

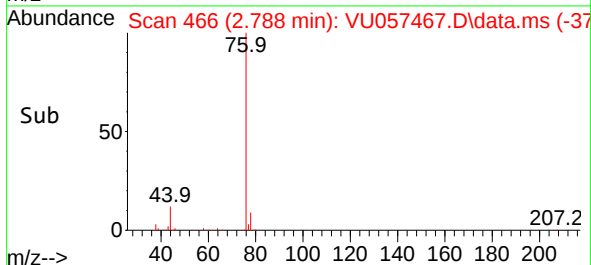
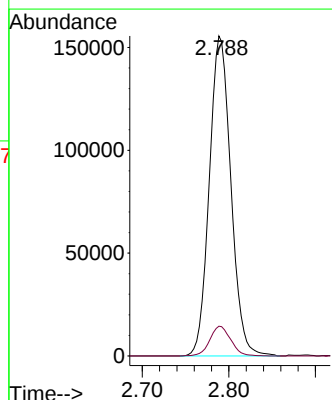
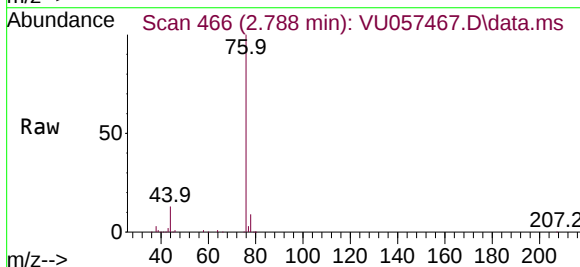
Acq: 11 Jan 2024 19:06

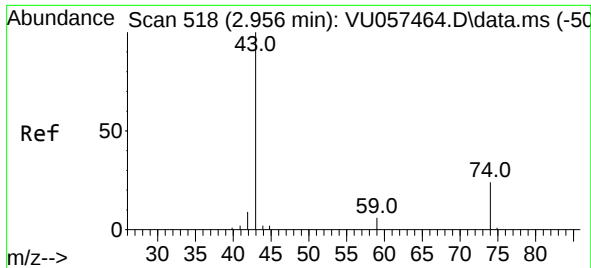
Tgt Ion: 76 Resp: 269266

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

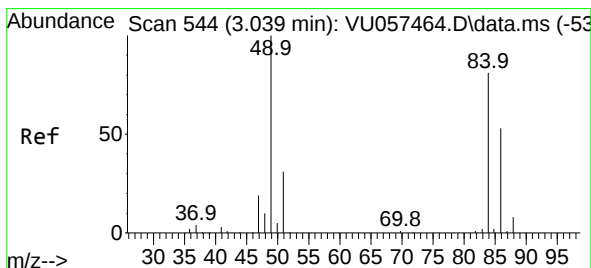
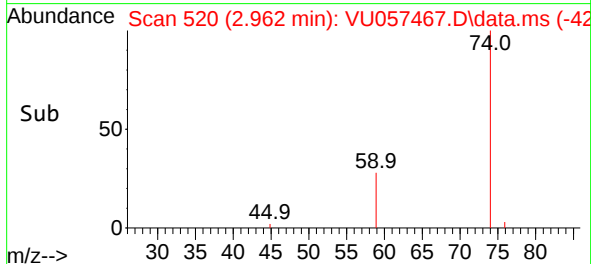
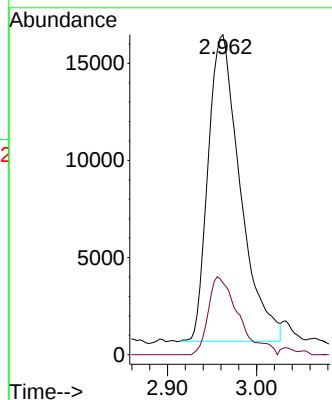
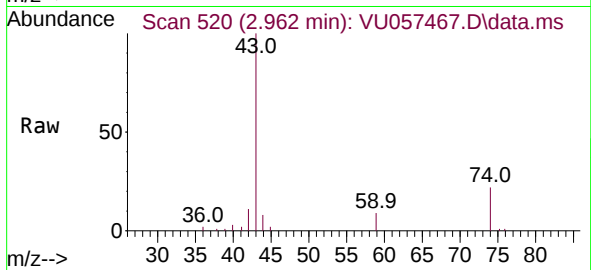




#15
Methyl Acetate
Concen: 4.816 ug/L
RT: 2.962 min Scan# 518
Delta R.T. 0.006 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

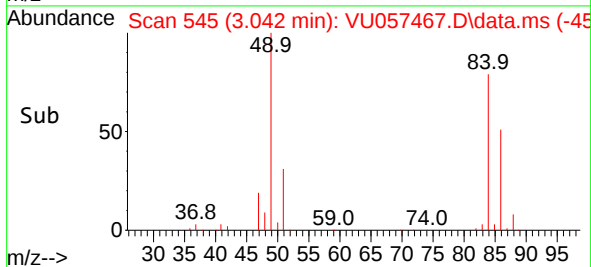
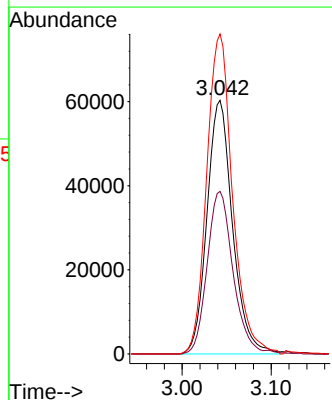
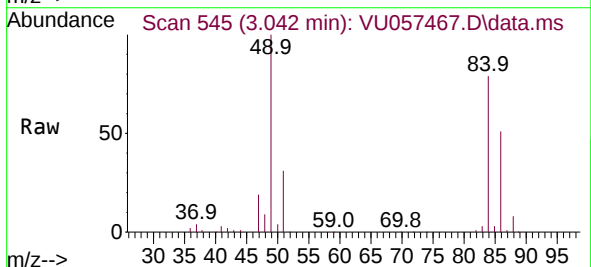
Instrument :
MSVOA_U
ClientSampleId :

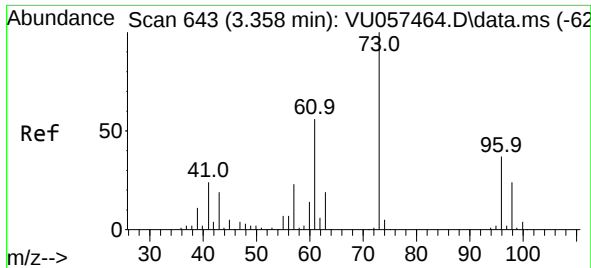
Tgt Ion: 43 Resp: 39489
Ion Ratio Lower Upper
43 100
74 24.0 18.6 27.8



#16
Methylene chloride
Concen: 4.840 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

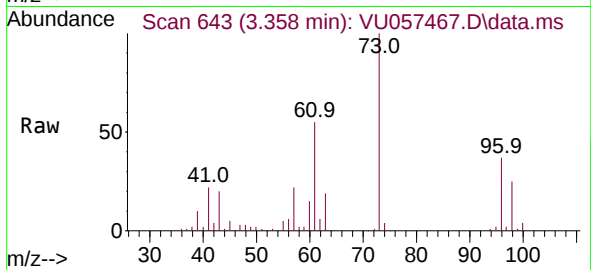
Tgt Ion: 84 Resp: 120234
Ion Ratio Lower Upper
84 100
86 64.1 45.8 85.2
49 126.2 86.7 161.1





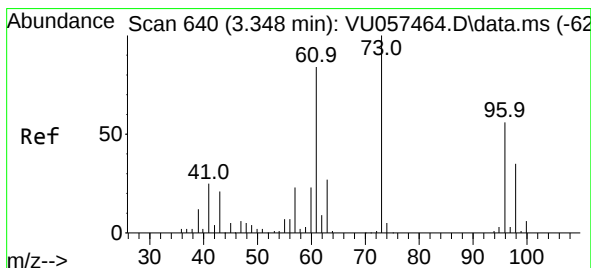
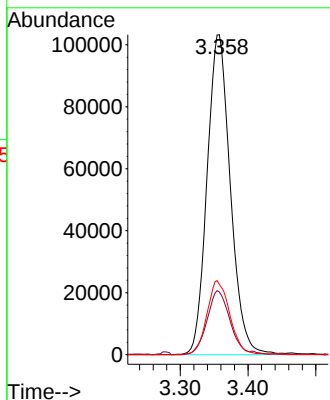
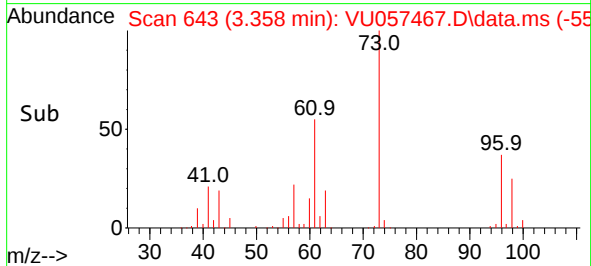
#17
Methyl tert-butyl Ether
Concen: 5.408 ug/L
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

Instrument :
MSVOA_U
ClientSampleId :

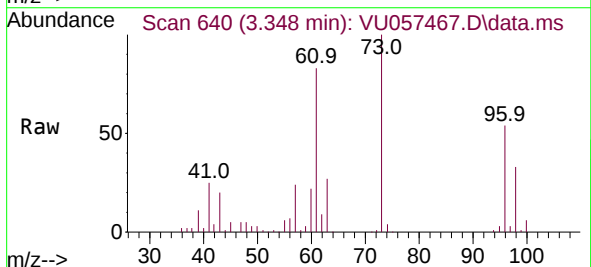


Tgt Ion: 73 Resp: 246425

Ion	Ratio	Lower	Upper
73	100		
43	19.6	16.1	24.1
57	22.8	18.2	27.4

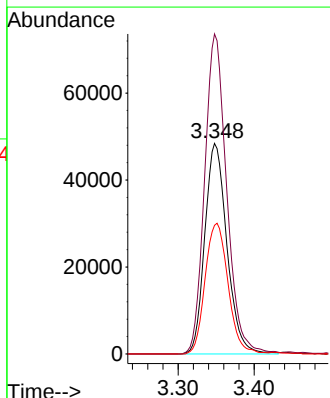
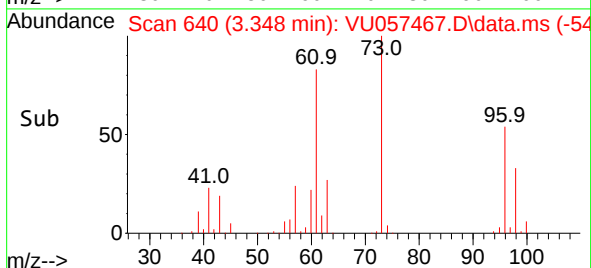


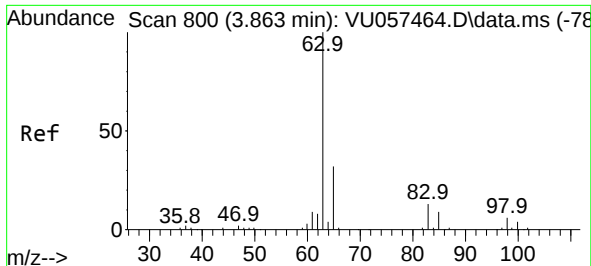
#18
trans-1,2-Dichloroethene
Concen: 5.386 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06



Tgt Ion: 96 Resp: 98198

Ion	Ratio	Lower	Upper
96	100		
61	151.9	105.1	195.3
98	61.1	43.7	81.1





#19

1,1-Dichloroethane

Concen: 5.292 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

ClientSampleId :

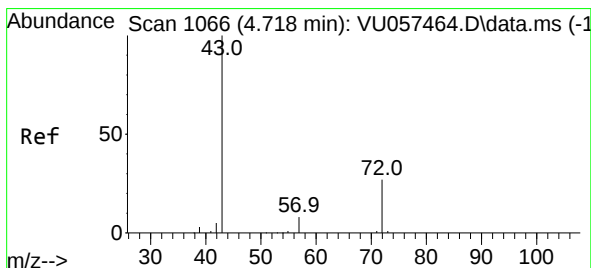
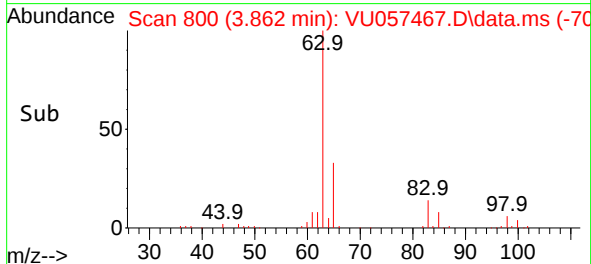
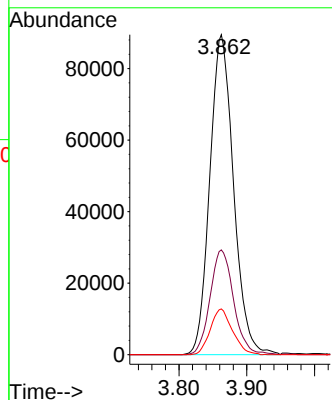
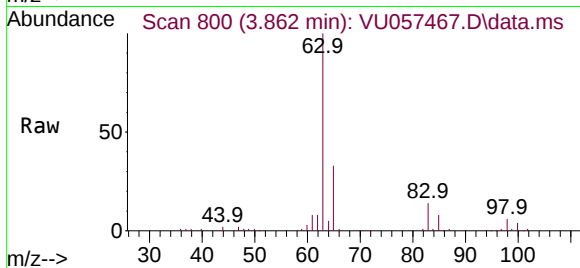
Tgt Ion: 63 Resp: 217716

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 14.3 9.1 16.9



#21

2-Butanone

Concen: 53.704 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.003 min

Lab File: VU057467.D

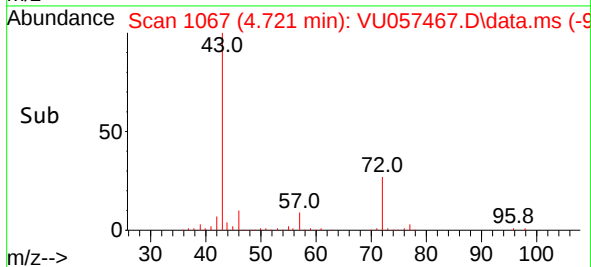
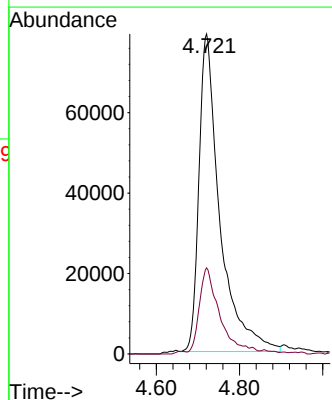
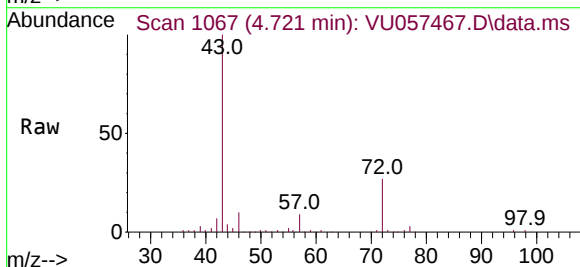
Acq: 11 Jan 2024 19:06

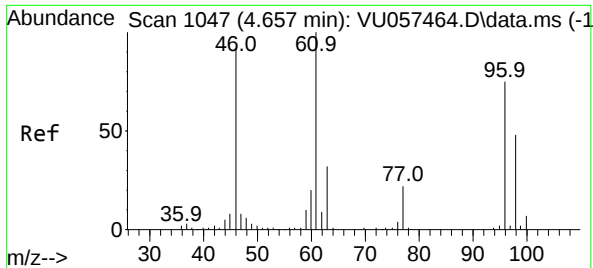
Tgt Ion: 43 Resp: 275555

Ion Ratio Lower Upper

43 100

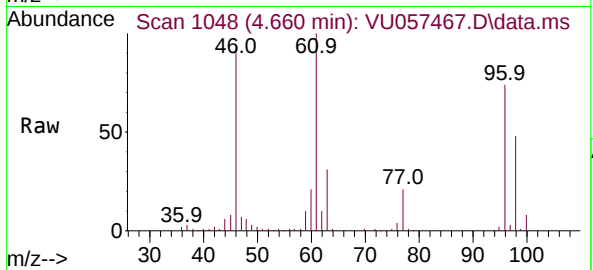
72 24.7 12.7 38.0



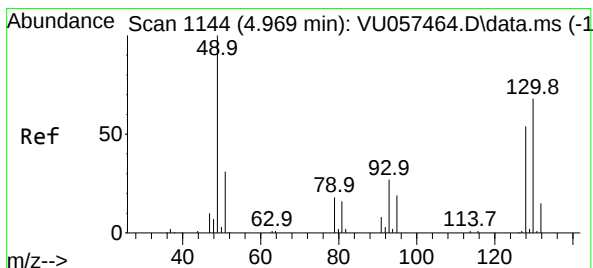
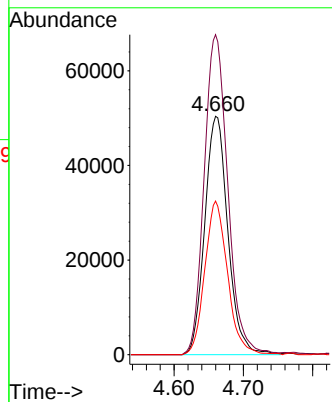
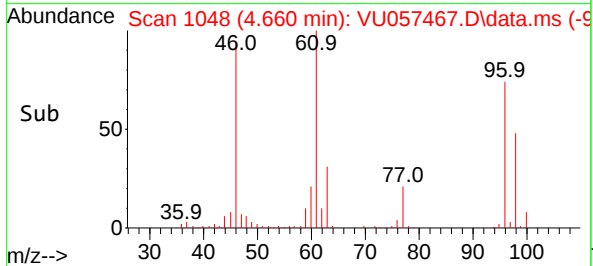


#22
 cis-1,2-Dichloroethene
 Concen: 5.512 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU057467.D
 Acq: 11 Jan 2024 19:06

Instrument :
 MSVOA_U
 ClientSampleId :

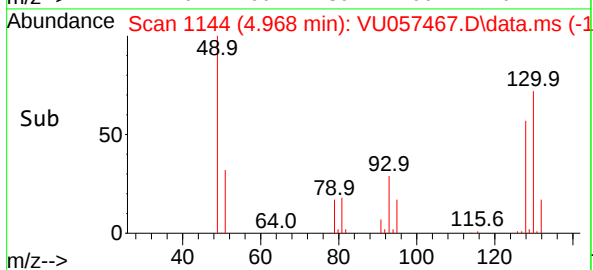
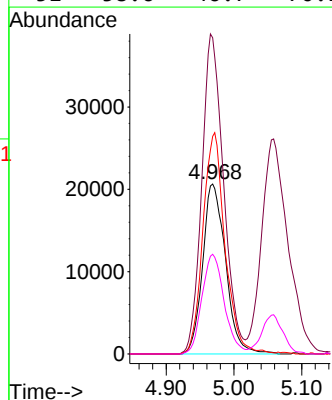
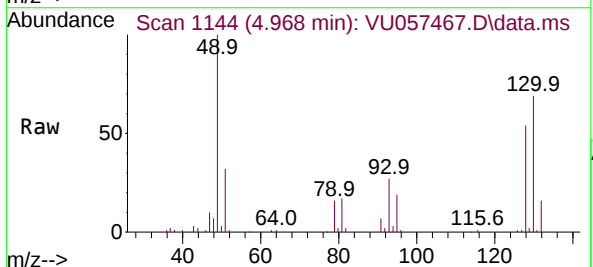


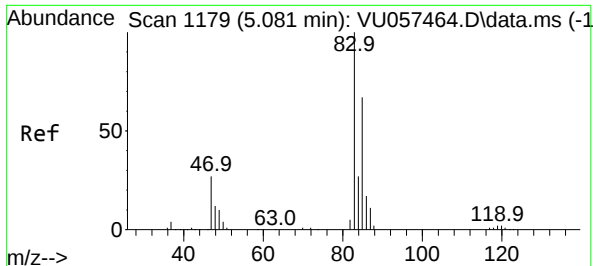
Tgt Ion: 96 Resp: 117006
 Ion Ratio Lower Upper
 96 100
 61 134.3 93.4 173.4
 98 64.4 44.9 83.3



#23
 Bromochloromethane
 Concen: 5.323 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU057467.D
 Acq: 11 Jan 2024 19:06

Tgt Ion: 128 Resp: 48511
 Ion Ratio Lower Upper
 128 100
 49 186.0 130.3 241.9
 130 128.0 88.8 165.0
 51 58.6 46.7 70.1





#25

Chloroform

Concen: 5.340 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

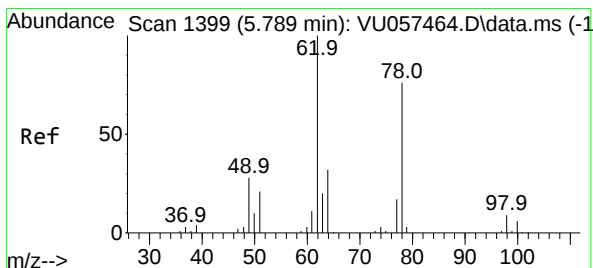
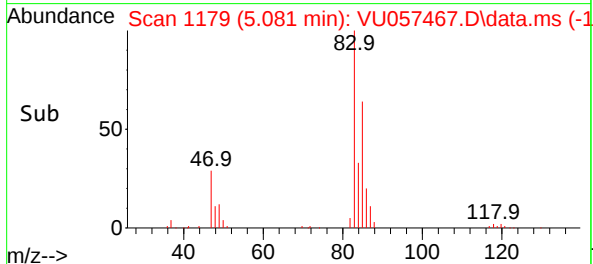
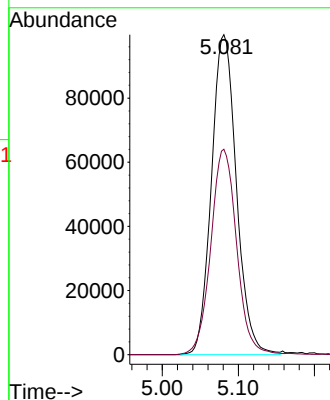
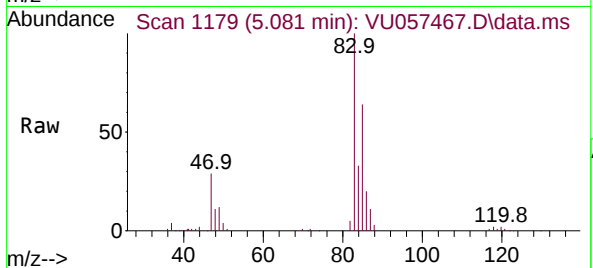
ClientSampleId :

Tgt Ion: 83 Resp: 227832

Ion Ratio Lower Upper

83 100

85 64.2 46.7 86.7



#27

1,2-Dichloroethane

Concen: 5.133 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU057467.D

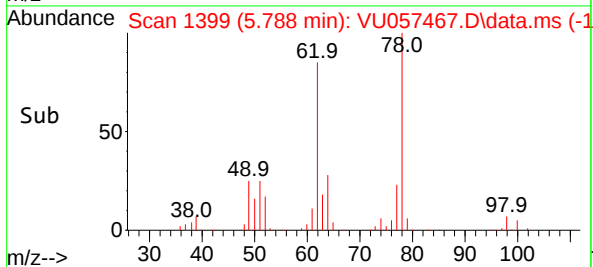
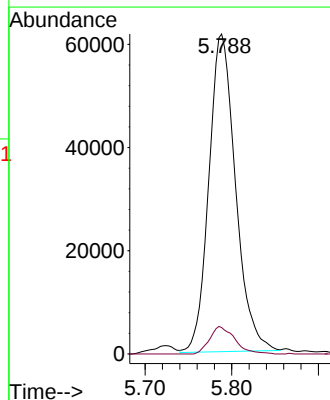
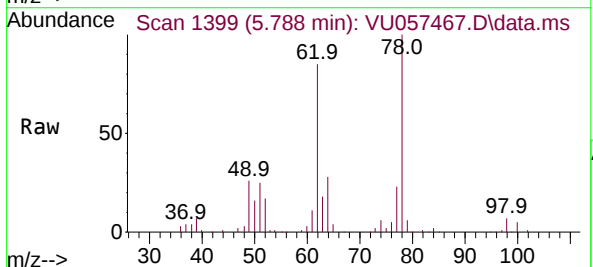
Acq: 11 Jan 2024 19:06

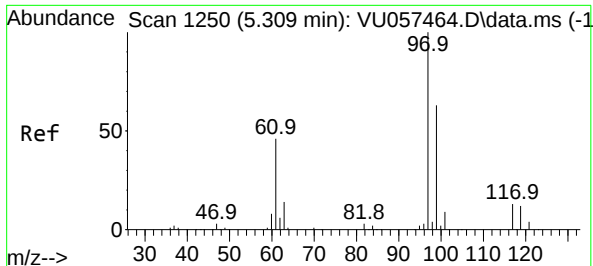
Tgt Ion: 62 Resp: 131890

Ion Ratio Lower Upper

62 100

98 8.3 7.4 11.0

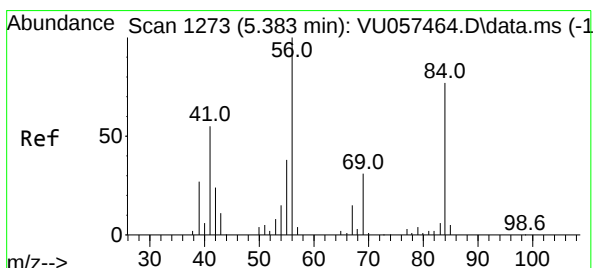
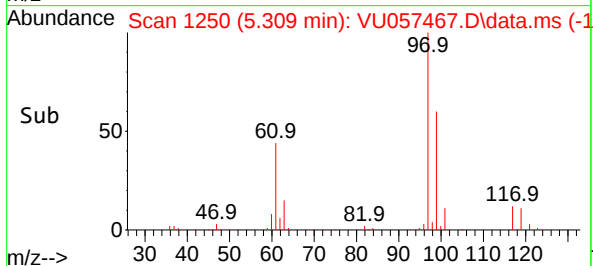
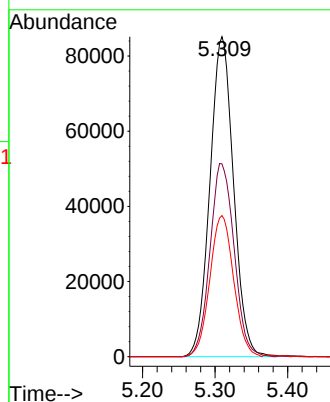
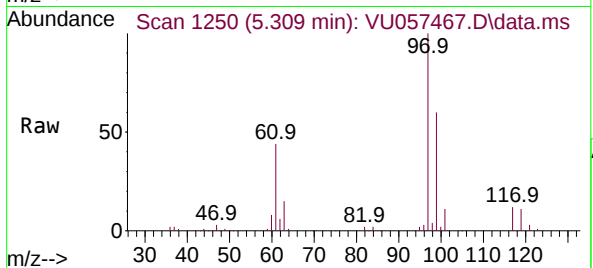




#29
1,1,1-Trichloroethane
Concen: 5.142 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

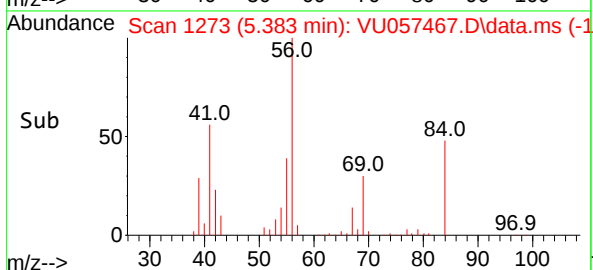
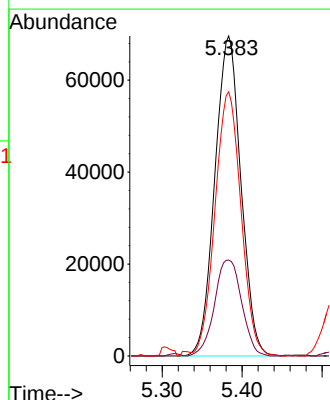
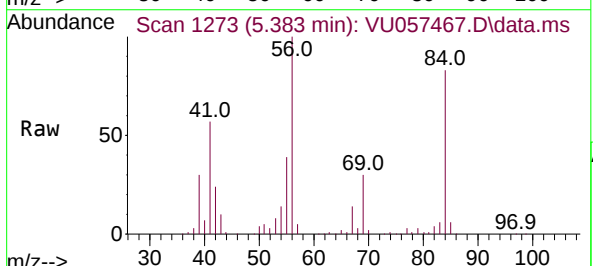
Instrument :
MSVOA_U
ClientSampleId :

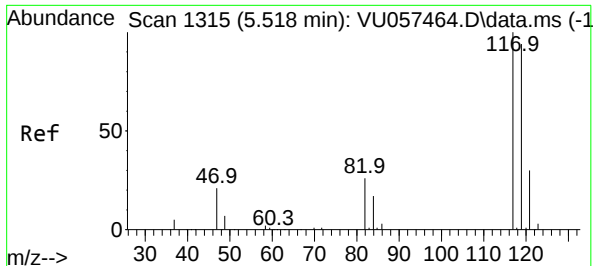
Tgt Ion: 97 Resp: 192635
Ion Ratio Lower Upper
97 100
99 61.8 51.4 77.0
61 44.6 36.9 55.3



#30
Cyclohexane
Concen: 5.174 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

Tgt Ion: 56 Resp: 157658
Ion Ratio Lower Upper
56 100
69 31.2 24.1 36.1
84 82.2 64.8 97.2

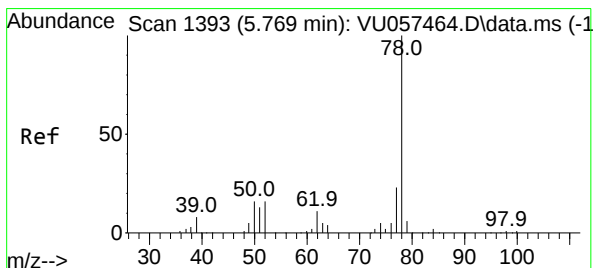
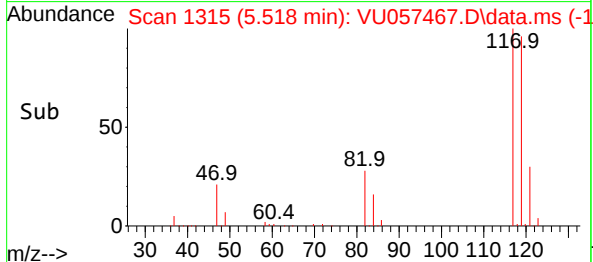
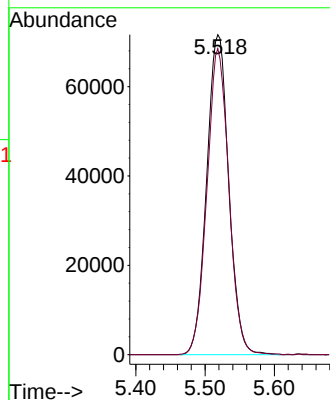
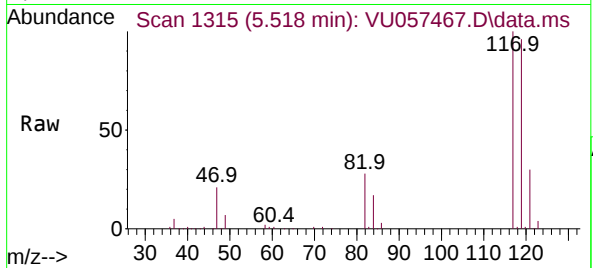




#31
Carbon tetrachloride
Concen: 5.118 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

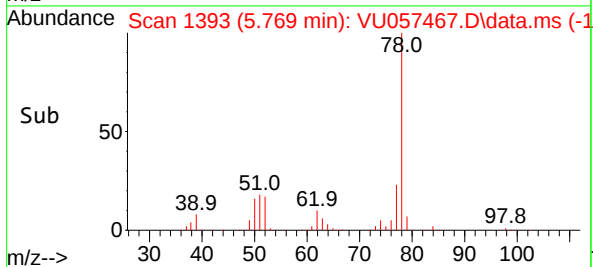
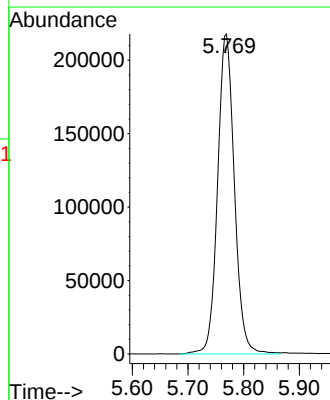
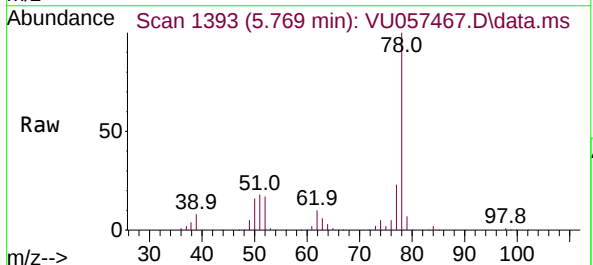
Instrument :
MSVOA_U
ClientSampleId :

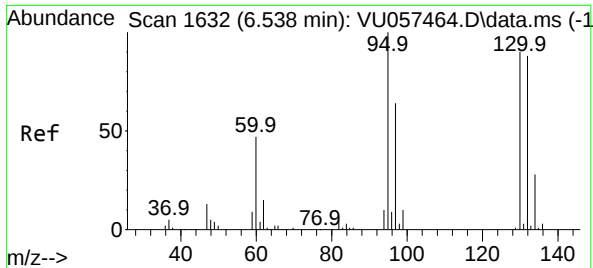
Tgt Ion:117 Resp: 158334
Ion Ratio Lower Upper
117 100
119 95.0 78.0 117.0



#33
Benzene
Concen: 5.116 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

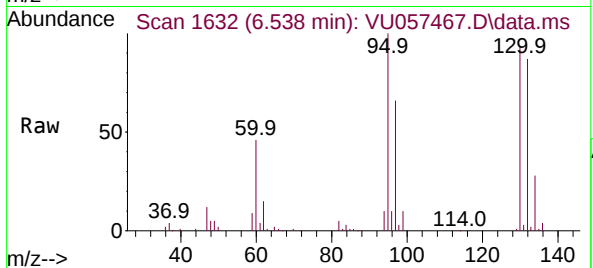
Tgt Ion: 78 Resp: 456499



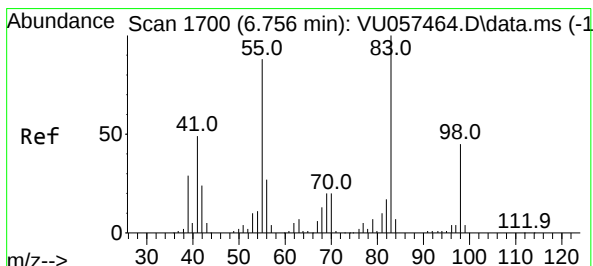
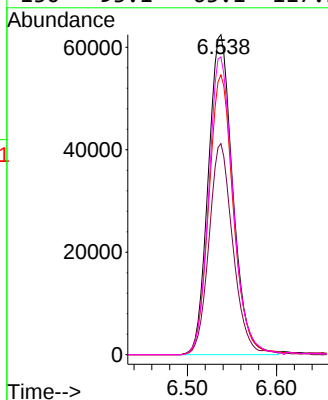
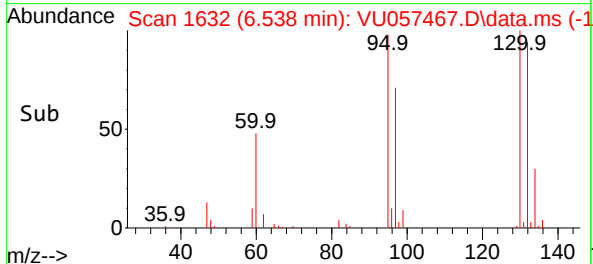


#34
Trichloroethene
Concen: 5.088 ug/L
RT: 6.538 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

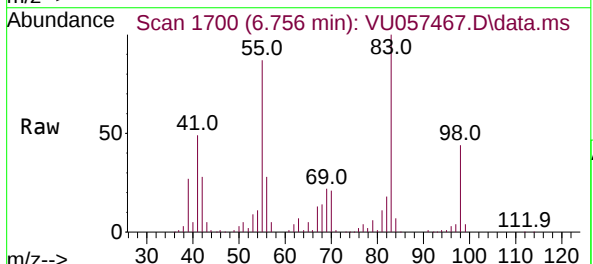
Instrument :
MSVOA_U
ClientSampleId :



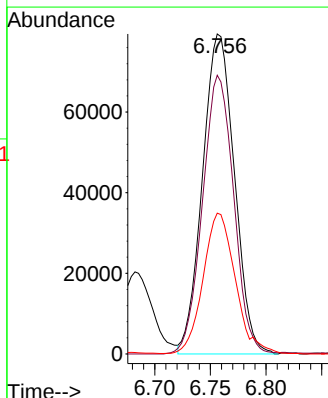
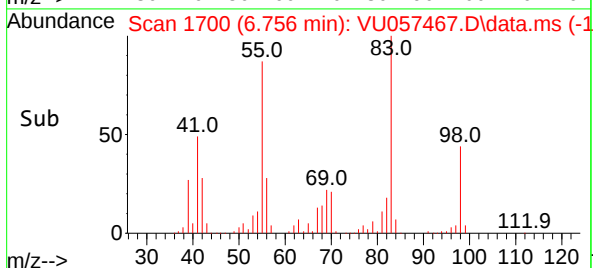
Tgt Ion: 95 Resp: 119257
Ion Ratio Lower Upper
95 100
97 66.0 45.0 83.6
132 87.5 61.7 114.5
130 93.1 63.1 117.3

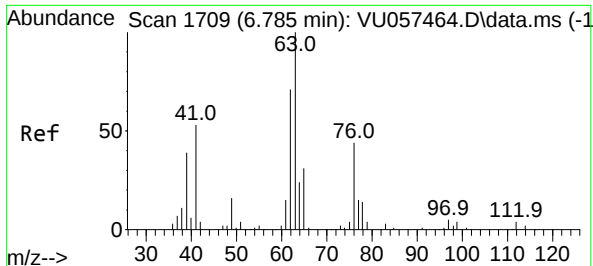


#35
Methylcyclohexane
Concen: 5.082 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06



Tgt Ion: 83 Resp: 158353
Ion Ratio Lower Upper
83 100
55 85.1 68.7 103.1
98 44.5 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.143 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

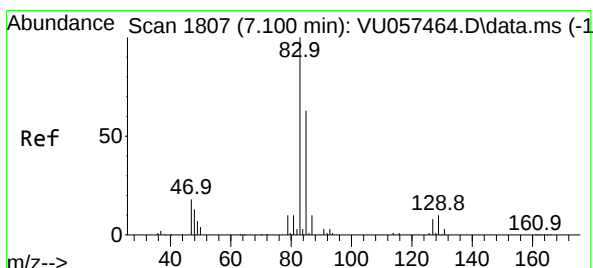
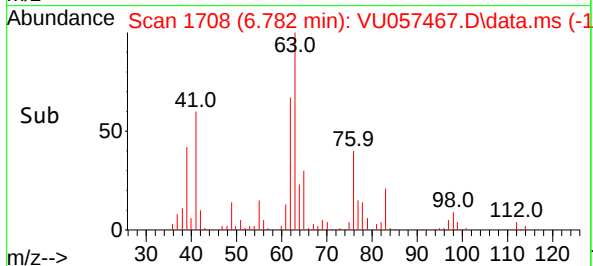
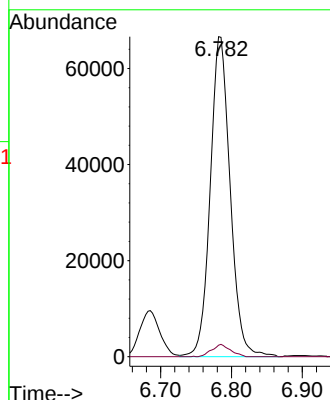
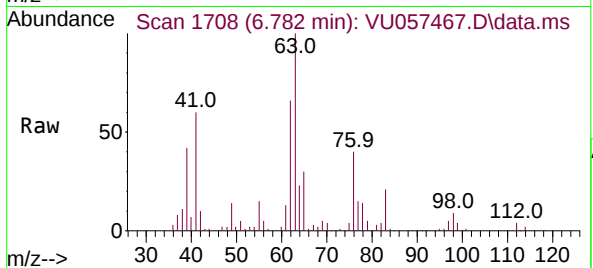
ClientSampleId :

Tgt Ion: 63 Resp: 130148

Ion Ratio Lower Upper

63 100

112 3.6 2.7 4.1



#38

Bromodichloromethane

Concen: 5.120 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

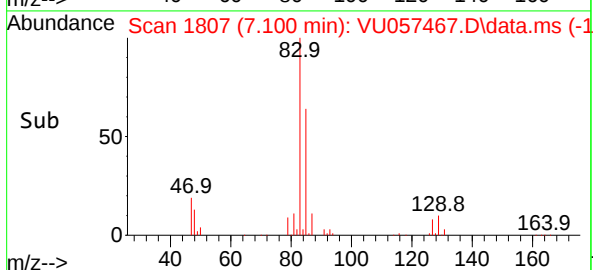
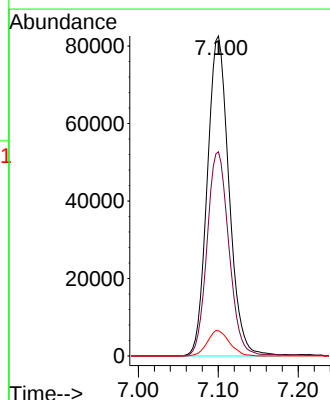
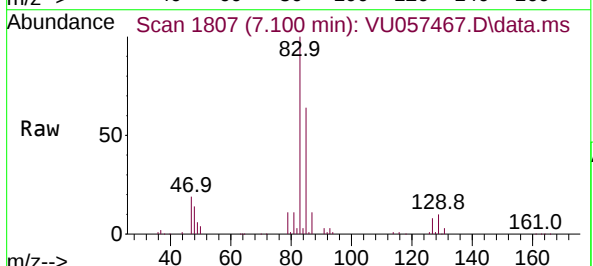
Tgt Ion: 83 Resp: 155985

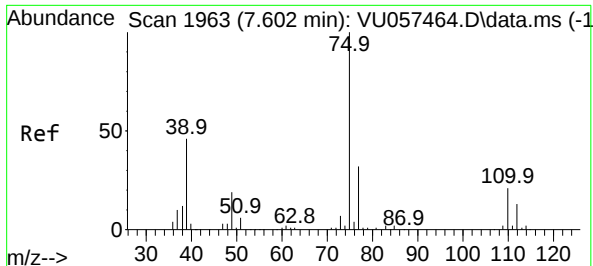
Ion Ratio Lower Upper

83 100

85 63.8 44.3 82.3

127 7.9 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.080 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

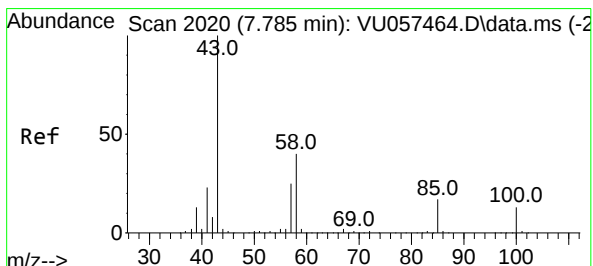
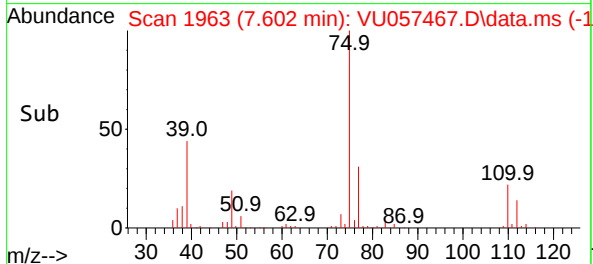
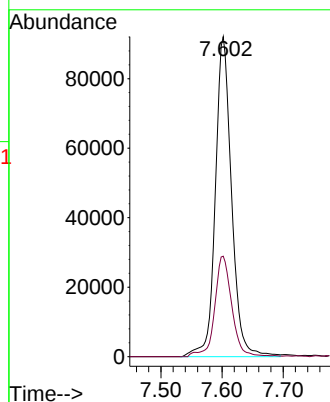
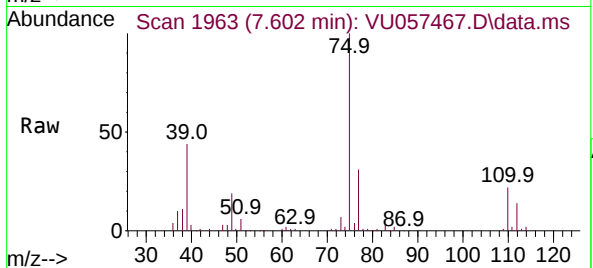
ClientSampleId :

Tgt Ion: 75 Resp: 169926

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 53.229 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

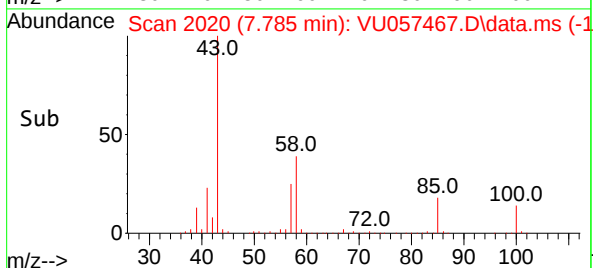
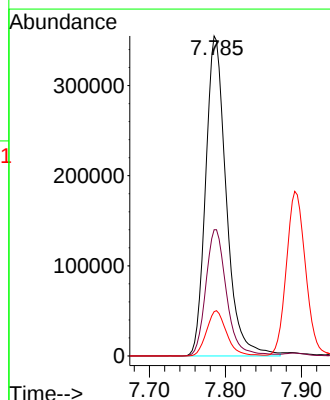
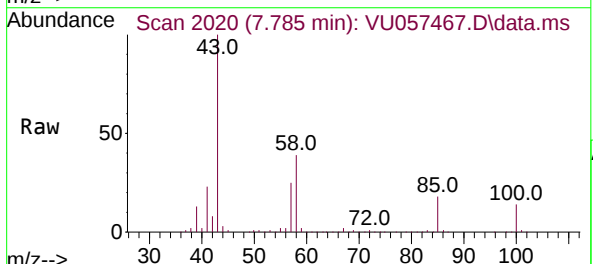
Tgt Ion: 43 Resp: 668652

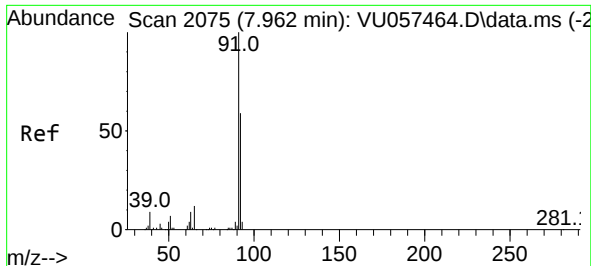
Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.2

100 13.8 10.7 16.1





#42

Toluene

Concen: 5.477 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

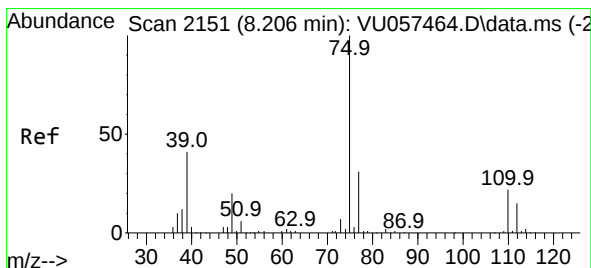
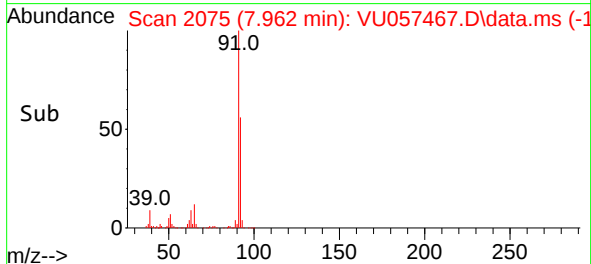
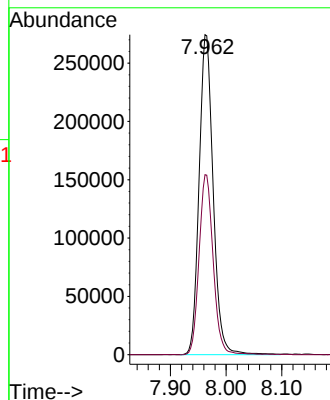
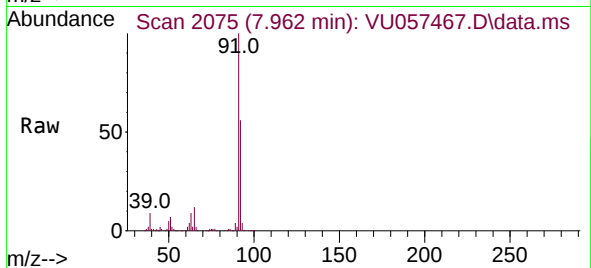
ClientSampleId :

Tgt Ion: 91 Resp: 481626

Ion Ratio Lower Upper

91 100

92 56.3 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.219 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU057467.D

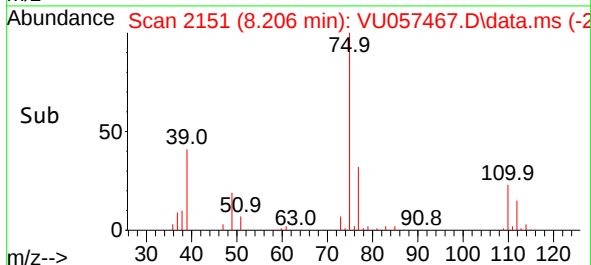
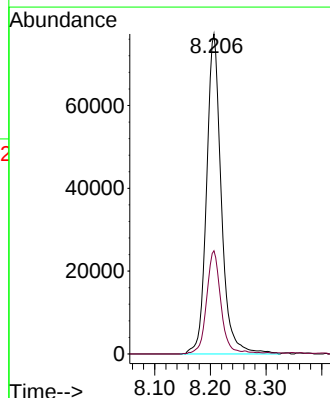
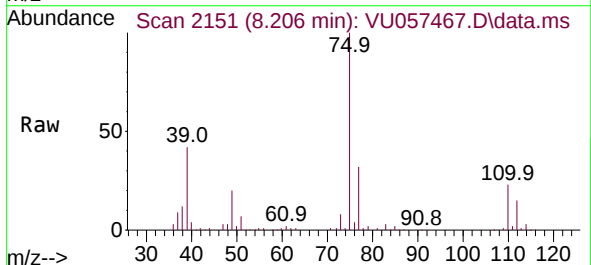
Acq: 11 Jan 2024 19:06

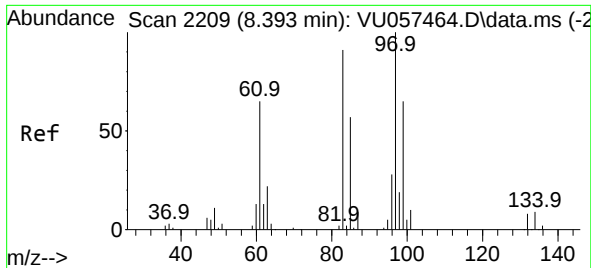
Tgt Ion: 75 Resp: 142094

Ion Ratio Lower Upper

75 100

77 32.3 22.1 41.1

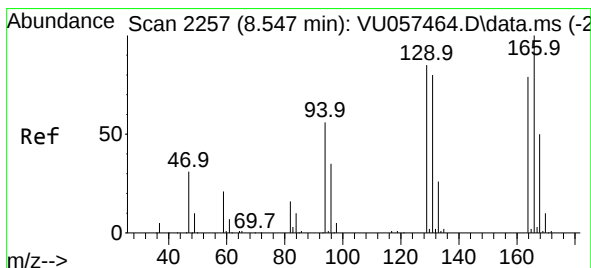
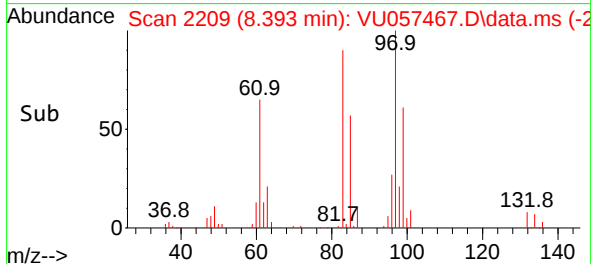
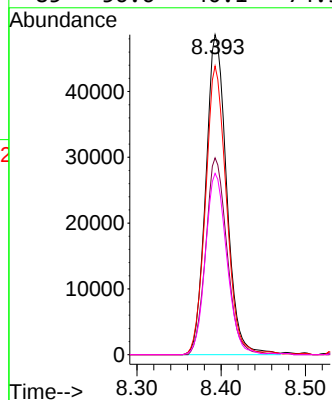
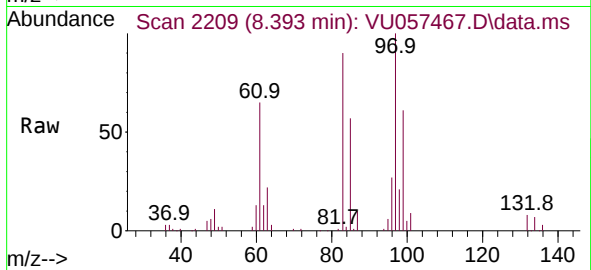




#45
1,1,2-Trichloroethane
Concen: 5.136 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

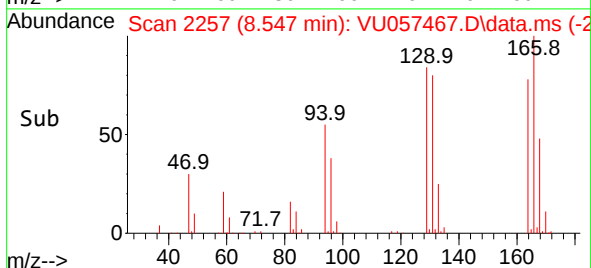
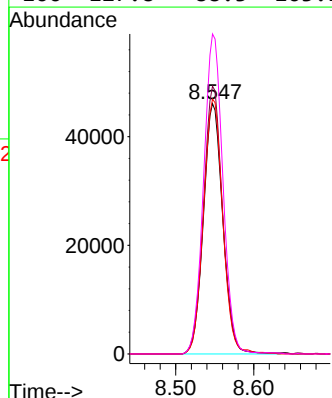
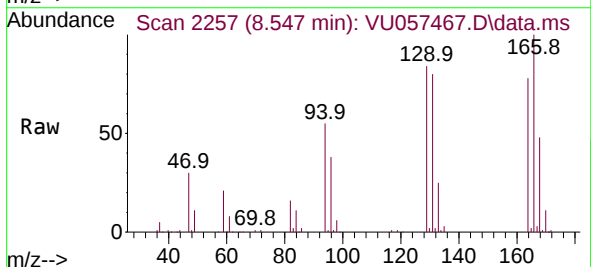
Instrument :
MSVOA_U
ClientSampleId :

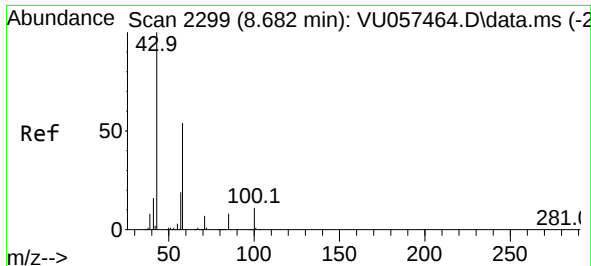
Tgt Ion: 97	Resp: 83823
Ion Ratio	Lower Upper
97 100	
99 61.5	45.5 84.5
83 90.2	63.8 118.6
85 56.6	40.1 74.5



#47
Tetrachloroethene
Concen: 5.103 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

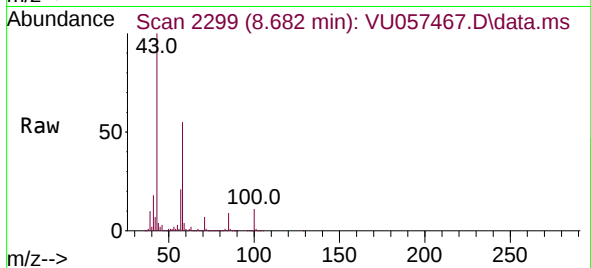
Tgt	Ion:164	Resp:	79432
Ion	Ratio	Lower	Upper
164	100		
129	106.9	74.8	138.8
131	101.8	70.3	130.7
166	127.8	88.3	163.9



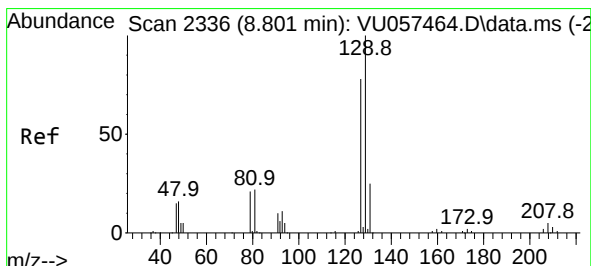
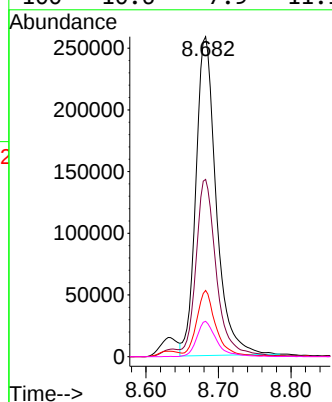
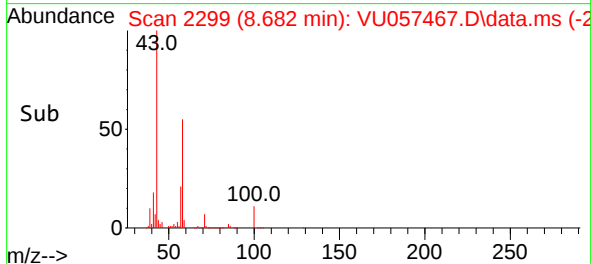


#48
2-Hexanone
Concen: 54.866 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

Instrument :
MSVOA_U
ClientSampleId :

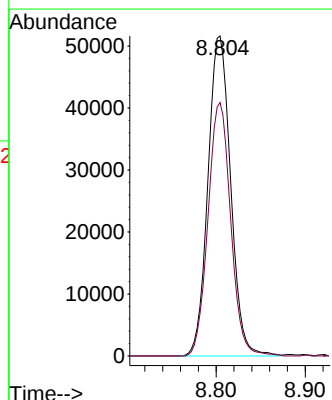
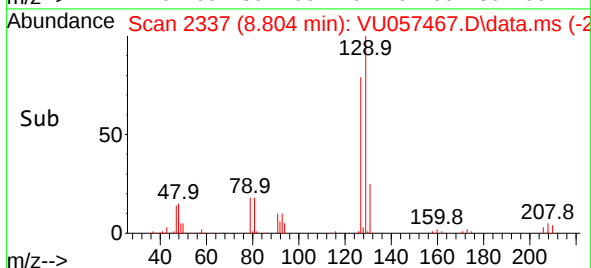
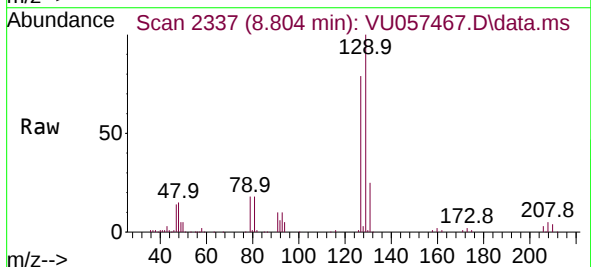


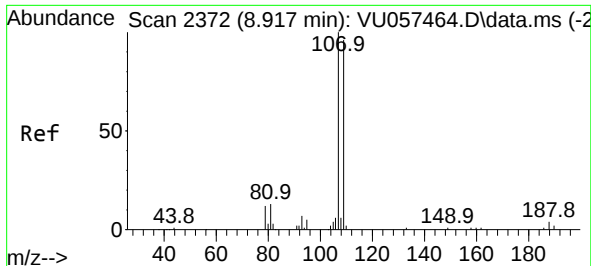
Tgt Ion: 43 Resp: 503330
Ion Ratio Lower Upper
43 100
58 55.5 43.1 64.7
57 19.1 15.5 23.3
100 10.6 7.9 11.9



#49
Dibromochloromethane
Concen: 5.214 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

Tgt Ion:129 Resp: 91298
Ion Ratio Lower Upper
129 100
127 79.2 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.522 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

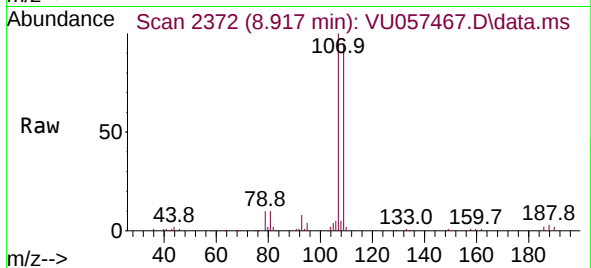
Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

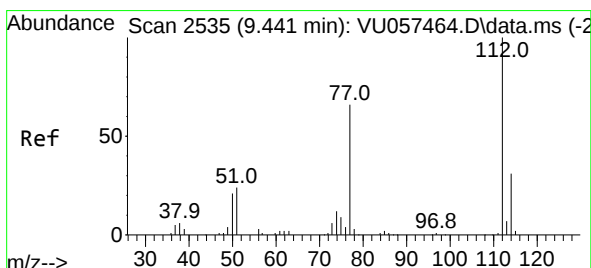
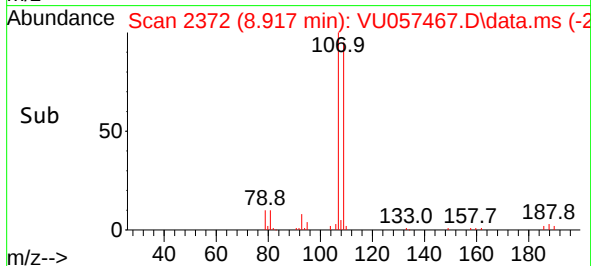
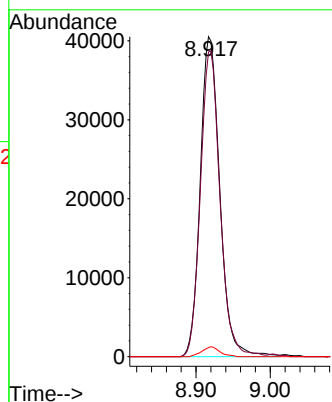
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	74258
Ion	Ratio	Lower	Upper
107	100		
109	95.2	67.1	124.7
188	2.9	3.0	4.4#



#51

Chlorobenzene

Concen: 5.306 ug/L

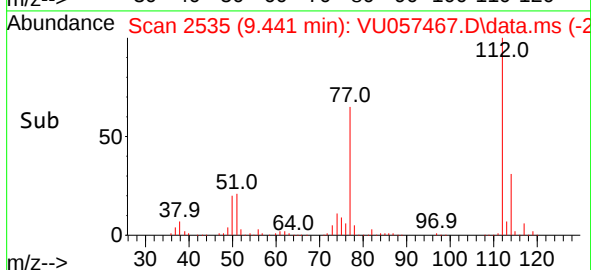
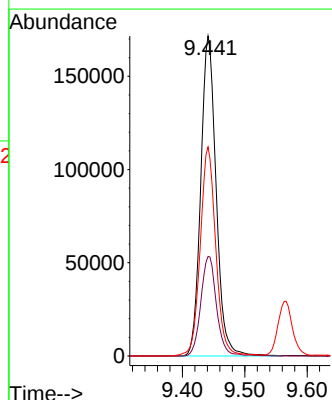
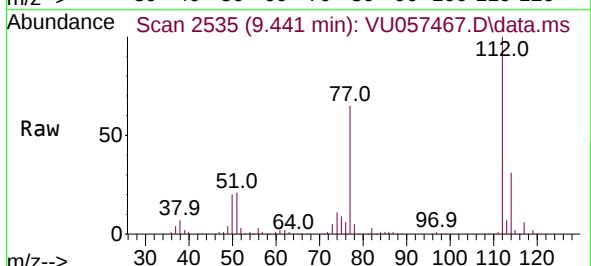
RT: 9.441 min Scan# 2535

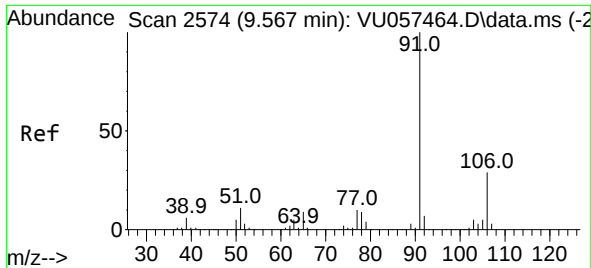
Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Tgt Ion:	112	Resp:	294150
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.0	40.8
77	65.3	53.4	80.0

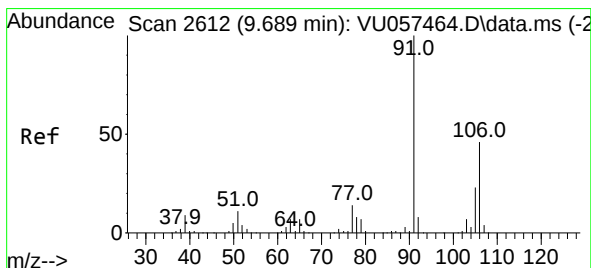
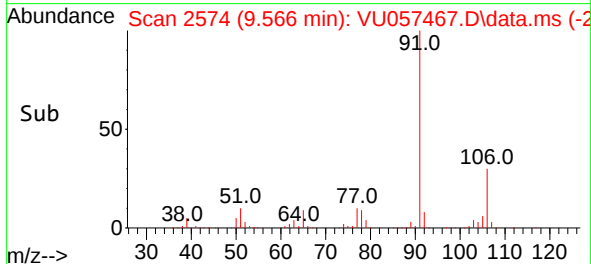
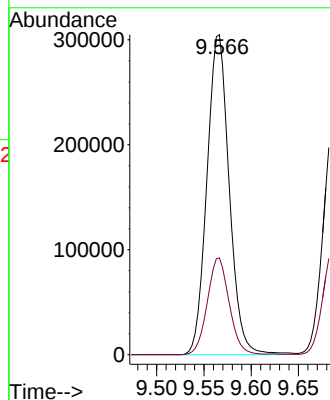
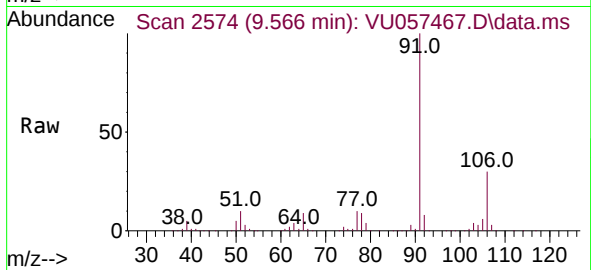




#52
Ethylbenzene
Concen: 5.521 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

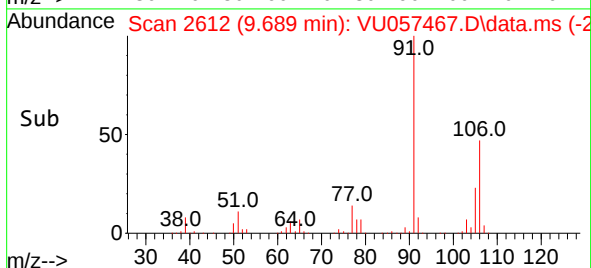
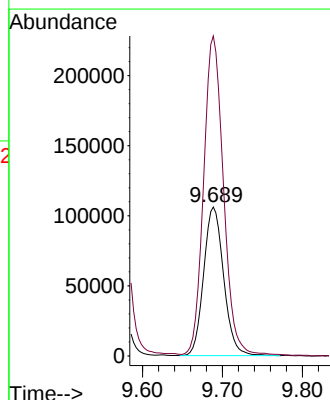
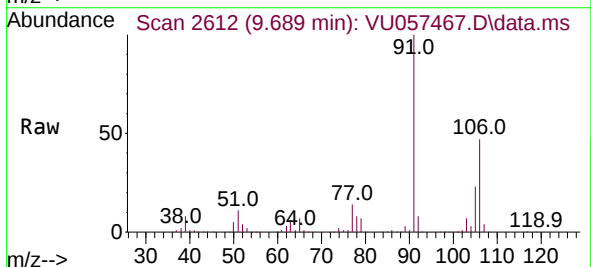
Instrument :
MSVOA_U
ClientSampleId :

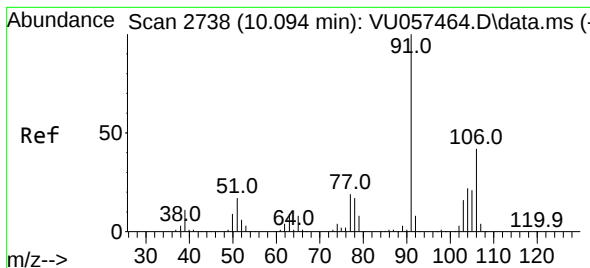
Tgt Ion: 91 Resp: 499389
Ion Ratio Lower Upper
91 100
106 30.2 20.5 38.1



#53
m,p-Xylene
Concen: 5.660 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

Tgt Ion:106 Resp: 184417
Ion Ratio Lower Upper
106 100
91 214.7 153.4 285.0





#54

o-Xylene

Concen: 5.655 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

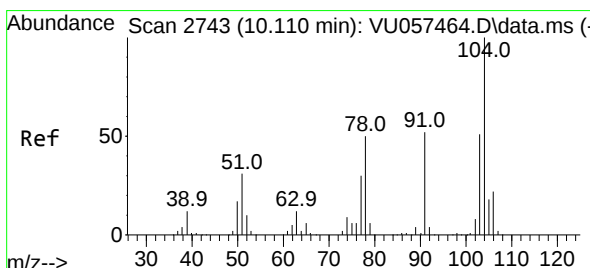
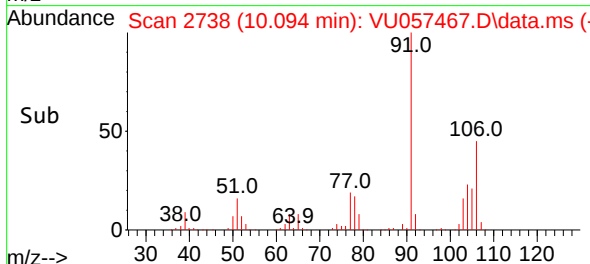
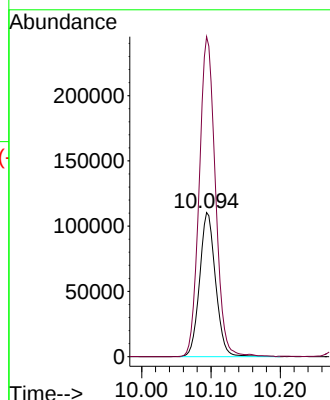
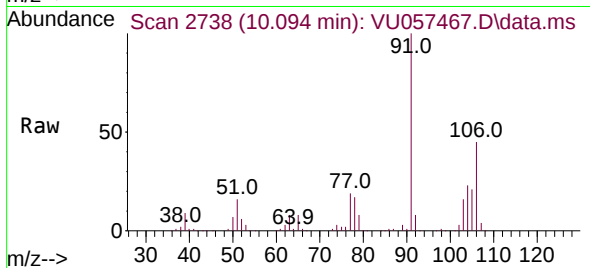
ClientSampleId :

Tgt Ion:106 Resp: 176780

Ion Ratio Lower Upper

106 100

91 222.0 165.1 306.5



#55

Styrene

Concen: 5.779 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU057467.D

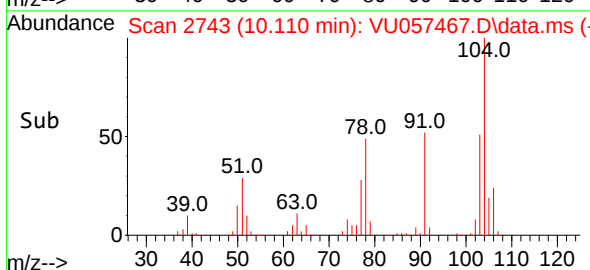
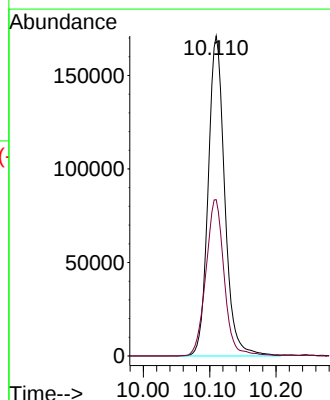
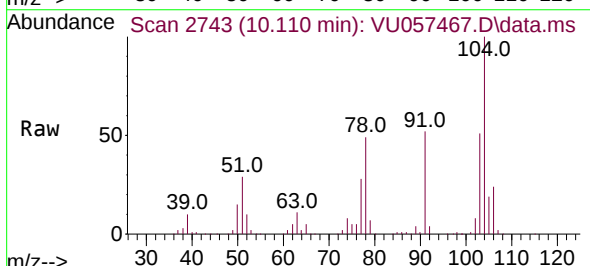
Acq: 11 Jan 2024 19:06

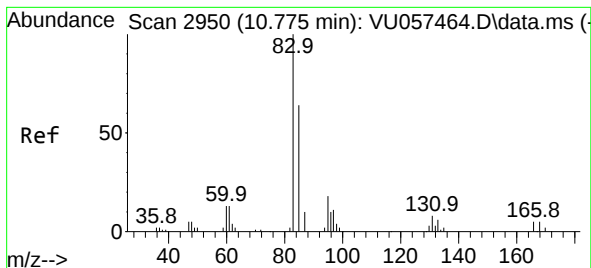
Tgt Ion:104 Resp: 297497

Ion Ratio Lower Upper

104 100

78 48.9 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.395 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

ClientSampleId :

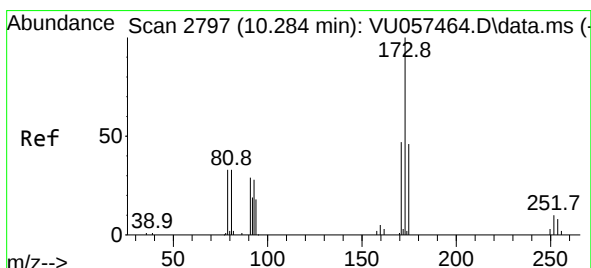
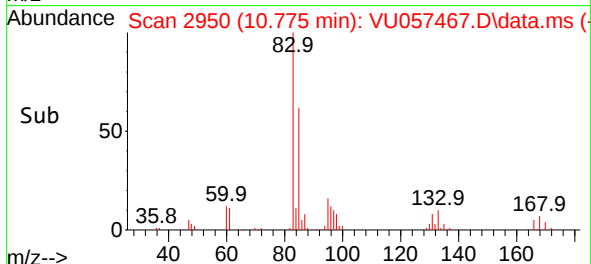
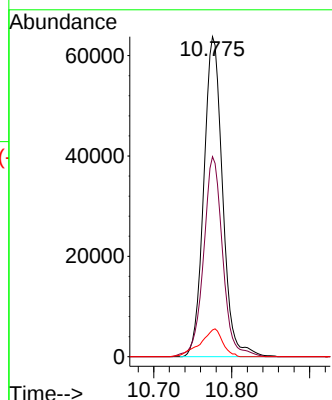
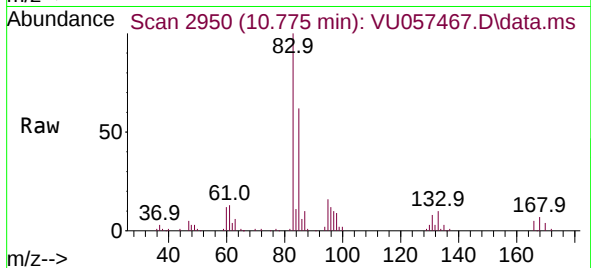
Tgt Ion: 83 Resp: 106733

Ion Ratio Lower Upper

83 100

85 62.5 45.1 83.9

131 8.4 6.7 10.1



#59

Bromoform

Concen: 5.470 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

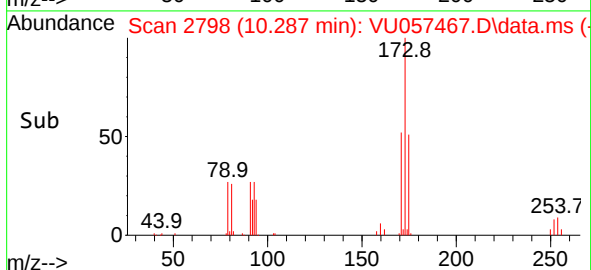
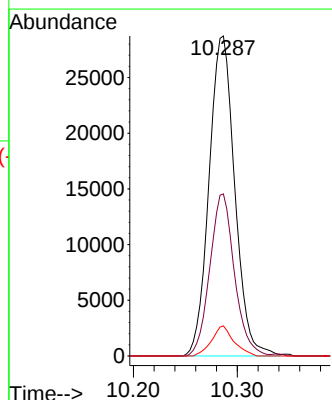
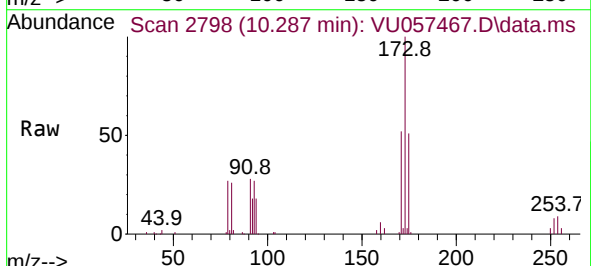
Tgt Ion:173 Resp: 49375

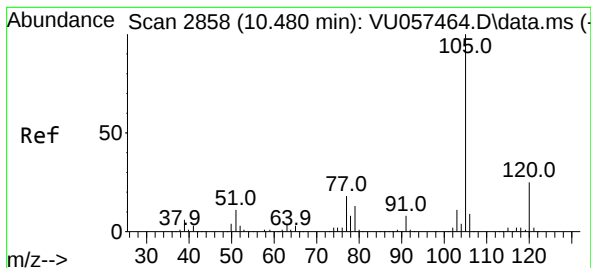
Ion Ratio Lower Upper

173 100

175 48.5 38.3 57.5

254 8.1 6.6 9.8





#60

Isopropylbenzene

Concen: 5.810 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min MSVOA_U

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

ClientSampleId :

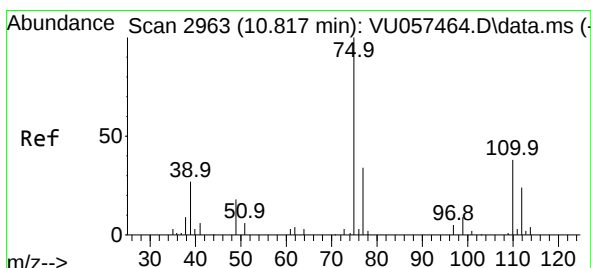
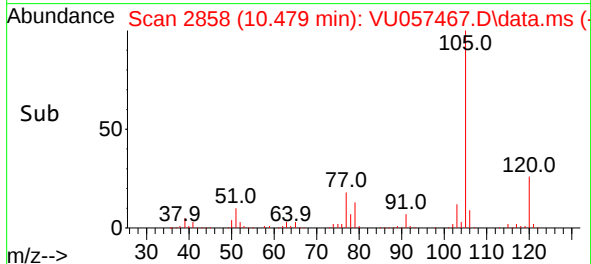
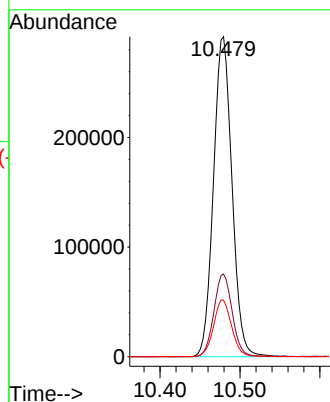
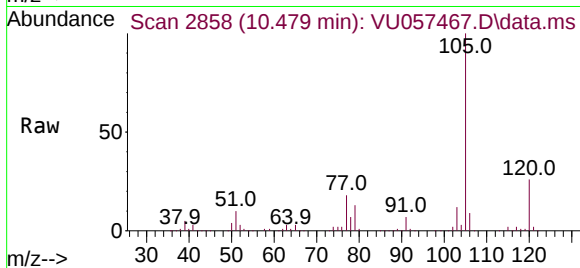
Tgt Ion:105 Resp: 468679

Ion Ratio Lower Upper

105 100

120 25.6 19.4 29.2

77 17.4 14.4 21.6



#61

1,2,3-Trichloropropane

Concen: 5.539 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

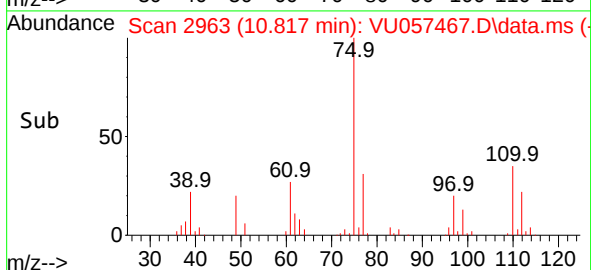
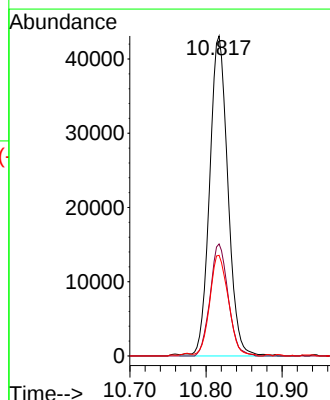
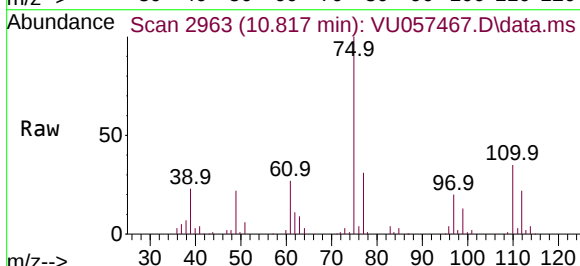
Tgt Ion: 75 Resp: 71892

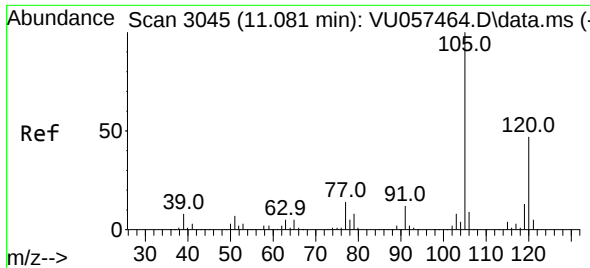
Ion Ratio Lower Upper

75 100

110 34.6 29.4 44.0

77 32.2 26.2 39.4

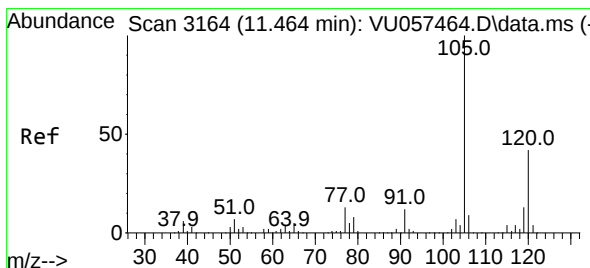
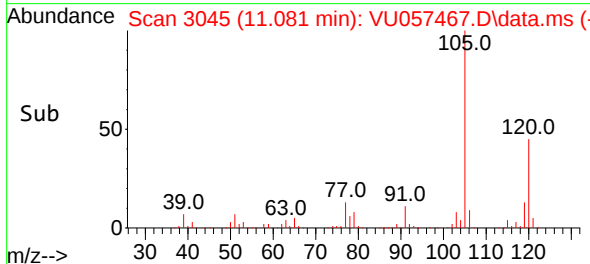
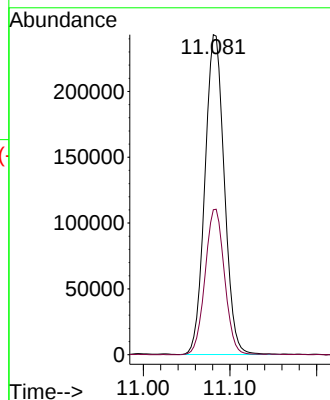
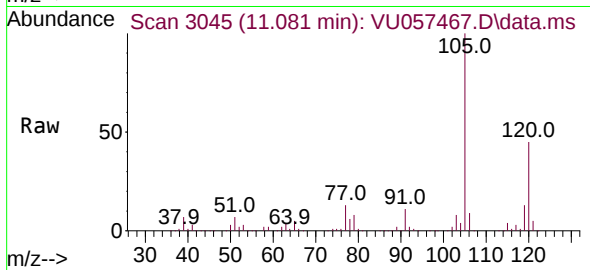




#62
1,3,5-Trimethylbenzene
Concen: 5.932 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

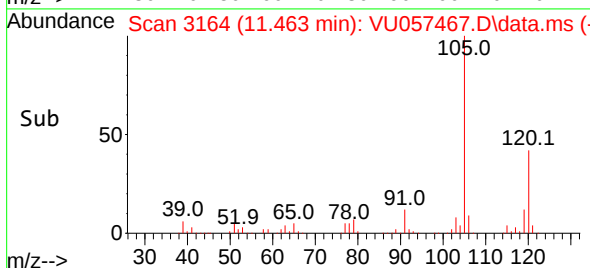
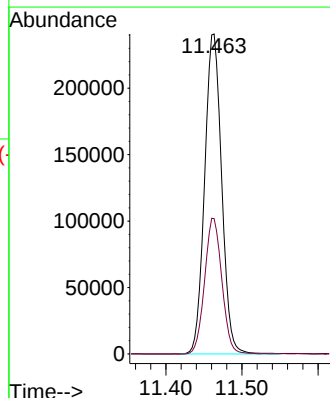
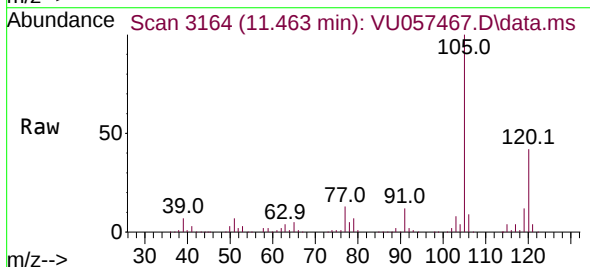
Instrument :
MSVOA_U
ClientSampleId :

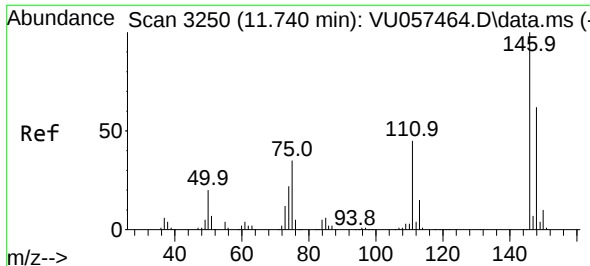
Tgt Ion:105 Resp: 377323
Ion Ratio Lower Upper
105 100
120 45.7 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 5.890 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

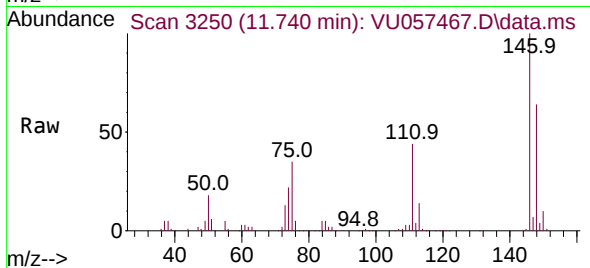
Tgt Ion:105 Resp: 375031
Ion Ratio Lower Upper
105 100
120 42.8 33.8 50.8



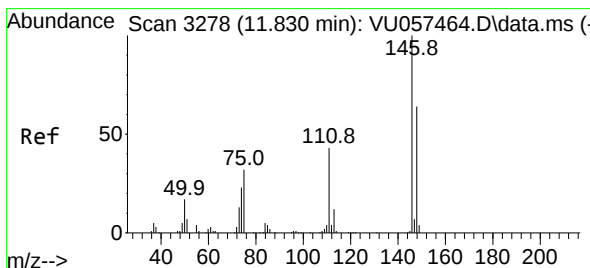
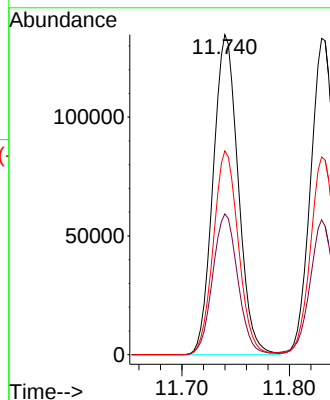
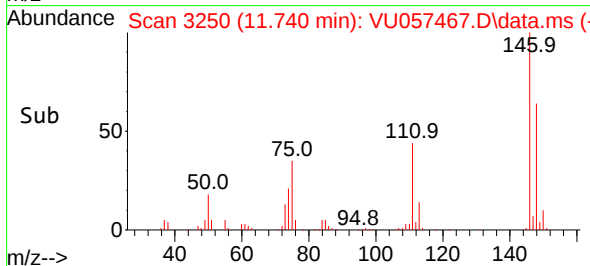


#64
1,3-Dichlorobenzene
Concen: 5.561 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06

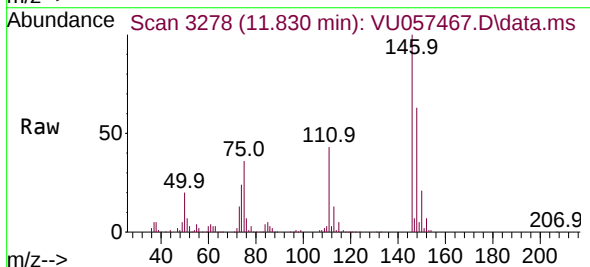
Instrument :
MSVOA_U
ClientSampleId :



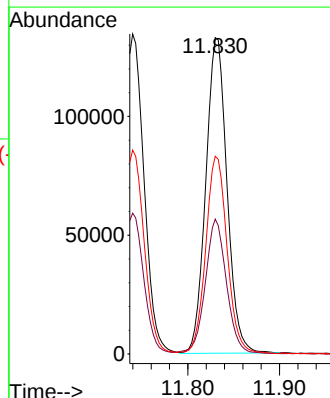
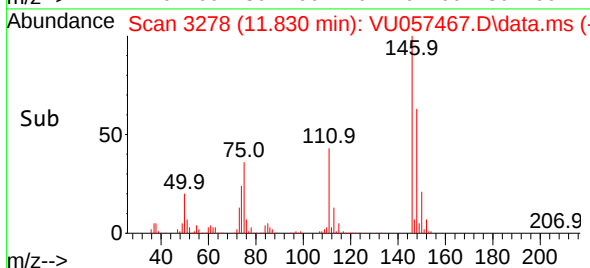
Tgt Ion:146 Resp: 218404
Ion Ratio Lower Upper
146 100
111 44.0 31.1 57.9
148 63.7 43.2 80.2

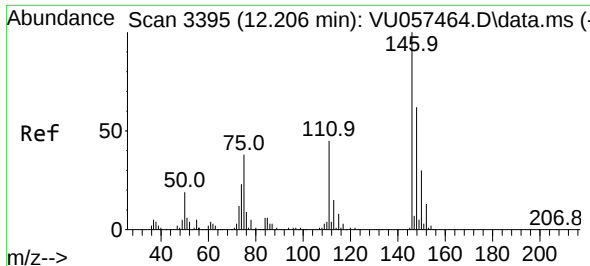


#65
1,4-Dichlorobenzene
Concen: 5.472 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057467.D
Acq: 11 Jan 2024 19:06



Tgt Ion:146 Resp: 213326
Ion Ratio Lower Upper
146 100
111 42.6 30.3 56.3
148 62.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.465 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

ClientSampleId :

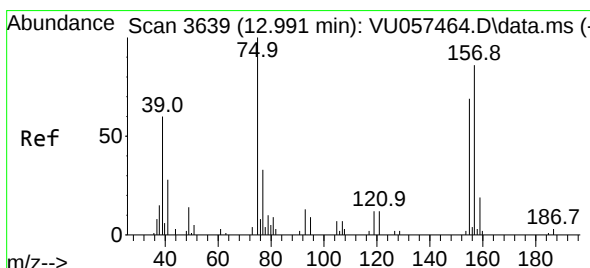
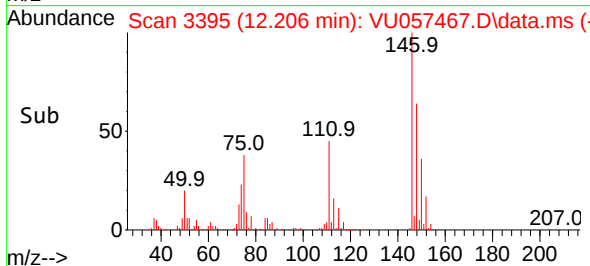
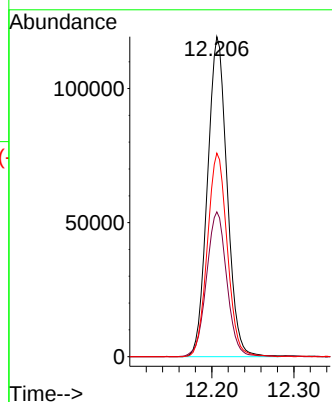
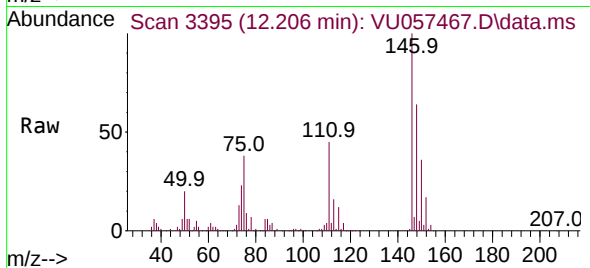
Tgt Ion:146 Resp: 198794

Ion Ratio Lower Upper

146 100

111 45.3 36.2 54.4

148 63.6 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.814 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

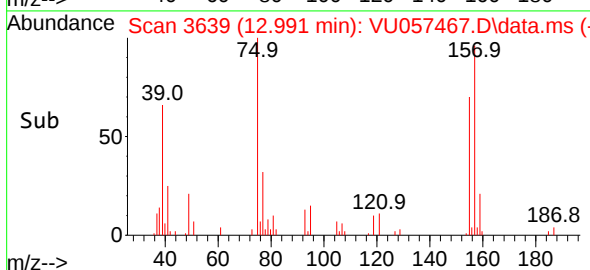
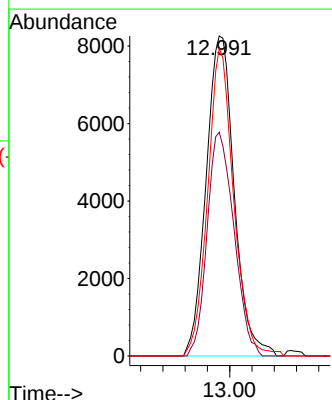
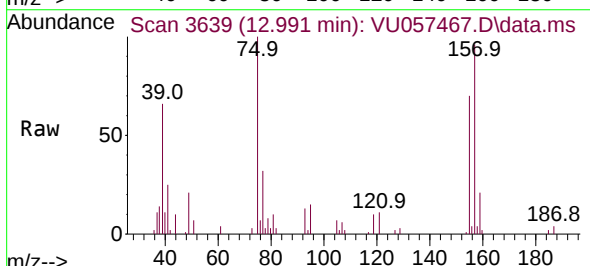
Tgt Ion: 75 Resp: 14473

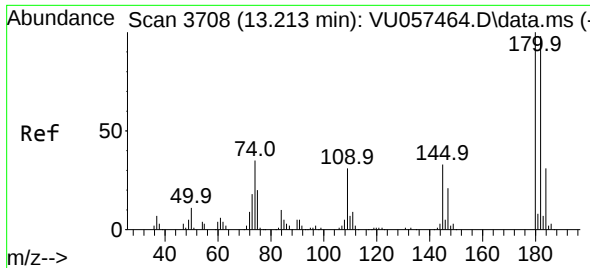
Ion Ratio Lower Upper

75 100

155 69.9 55.4 83.0

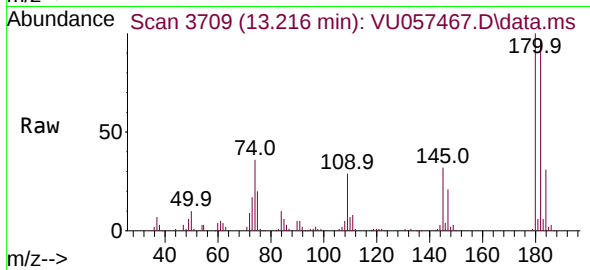
157 96.2 68.6 102.8



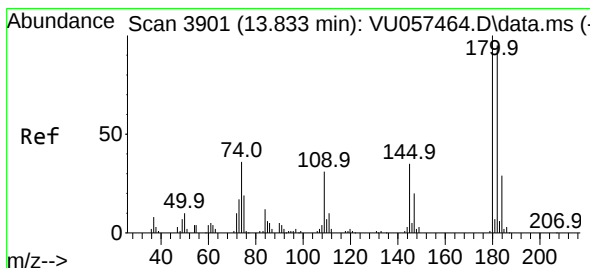
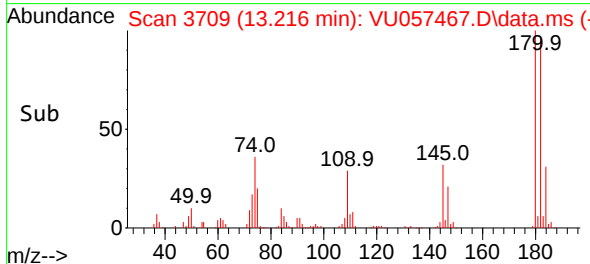
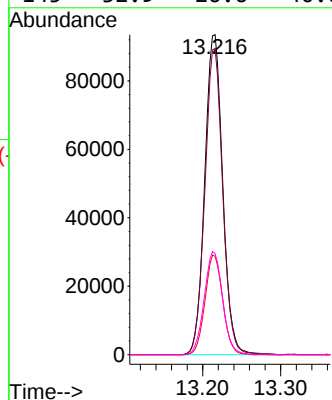


#69
 1,3,5-Trichlorobenzene
 Concen: 5.687 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU057467.D
 Acq: 11 Jan 2024 19:06

Instrument :
 MSVOA_U
 ClientSampleId :

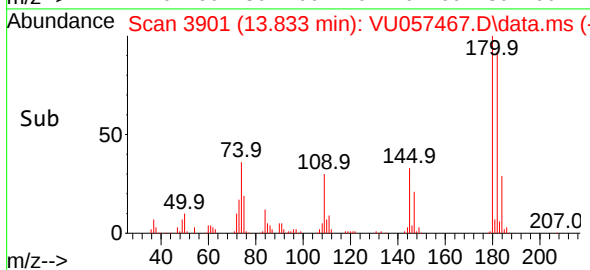
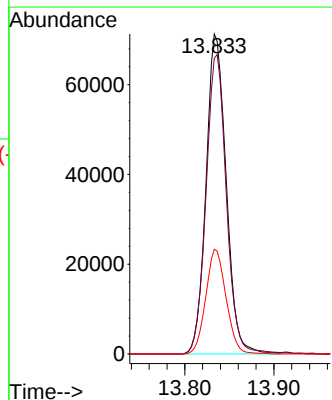
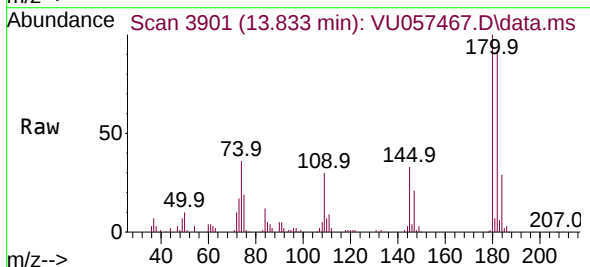


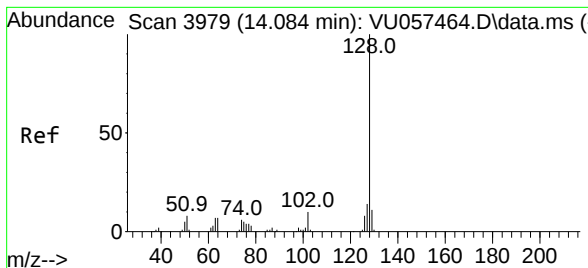
Tgt Ion:180 Resp: 149691
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.6 115.0
 184 30.7 24.6 37.0
 145 32.9 26.6 40.0



#70
 1,2,4-trichlorobenzene
 Concen: 6.288 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU057467.D
 Acq: 11 Jan 2024 19:06

Tgt Ion:180 Resp: 112072
 Ion Ratio Lower Upper
 180 100
 182 94.2 77.1 115.7
 145 32.9 27.6 41.4





#71

Naphthalene

Concen: 6.333 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Instrument :

MSVOA_U

ClientSampleId :

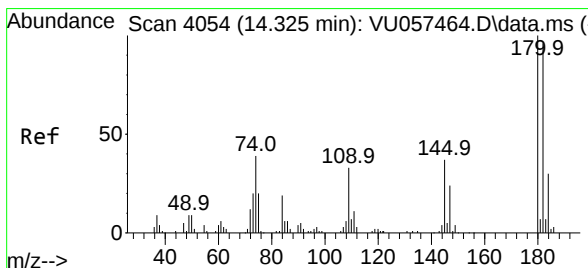
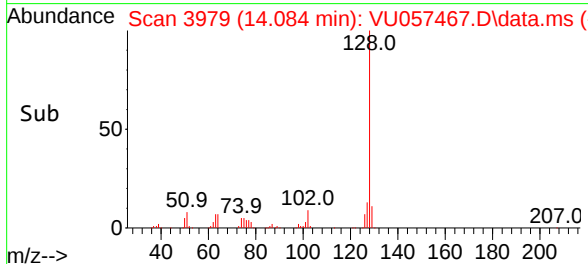
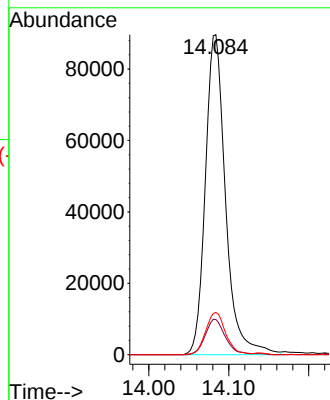
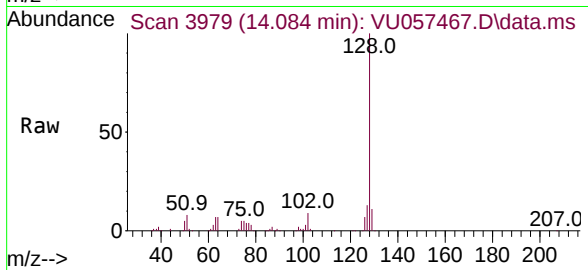
Tgt Ion:128 Resp: 157831

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

127 13.1 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 6.412 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU057467.D

Acq: 11 Jan 2024 19:06

Tgt Ion:180 Resp: 93600

Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.6

145 36.4 30.0 45.0

