

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057234.D
 Acq On : 26 Dec 2023 12:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:35:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 23 00:27:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	164952	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167308	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88016	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	130245	8.261	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 165.200%#	
7) Chloroethane-d5	1.911	69	92420	7.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 142.400%#	
11) 1,1-Dichloroethene-d2	2.563	65	48388	7.084	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 141.600%#	
20) 2-Butanone-d5	4.621	46	170872	69.028	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 138.060%#	
24) Chloroform-d	5.055	84	197719	6.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 129.800%#	
26) 1,2-Dichloroethane-d4	5.695	65	93254	6.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 128.600%	
32) Benzene-d6	5.721	84	377915	6.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 131.800%#	
36) 1,2-Dichloropropane-d6	6.682	67	112602	6.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 138.000%	
41) Toluene-d8	7.894	98	343871	6.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 131.200%#	
43) trans-1,3-Dichloroprop...	8.174	79	43903	6.459	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 129.200%	
46) 2-Hexanone-d5	8.627	63	147295	63.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 127.280%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	77476	6.667	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 133.400%#	
66) 1,2-Dichlorobenzene-d4	12.187	152	110472	5.833	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 116.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	83243	5.397	ug/L	100
3) Chloromethane	1.518	50	87805	6.495	ug/L	99
5) Vinyl chloride	1.602	62	93846	6.508	ug/L	100
6) Bromomethane	1.856	94	47680	7.561	ug/L	97
8) Chloroethane	1.933	64	58504	6.390	ug/L	96
9) Trichlorofluoromethane	2.136	101	146927	5.546	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	80152	5.843	ug/L	99
12) 1,1-Dichloroethene	2.576	96	72031	5.841	ug/L	93
13) Acetone	2.634	43	89605	60.205	ug/L	99
14) Carbon disulfide	2.792	76	207883	5.358	ug/L	99
15) Methyl Acetate	2.949	43	22859	6.513	ug/L	95
16) Methylene chloride	3.039	84	76381	5.328	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	150508	5.747	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	70180	5.836	ug/L	97
19) 1,1-Dichloroethane	3.862	63	142646	5.977	ug/L	99
21) 2-Butanone	4.702	43	141247	62.272	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	77806	5.875	ug/L	92
23) Bromochloromethane	4.968	128	33940	5.914	ug/L	93
25) Chloroform	5.081	83	157994	5.869	ug/L	98

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:35:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 23 00:27:07 2023
 Response via : Initial Calibration

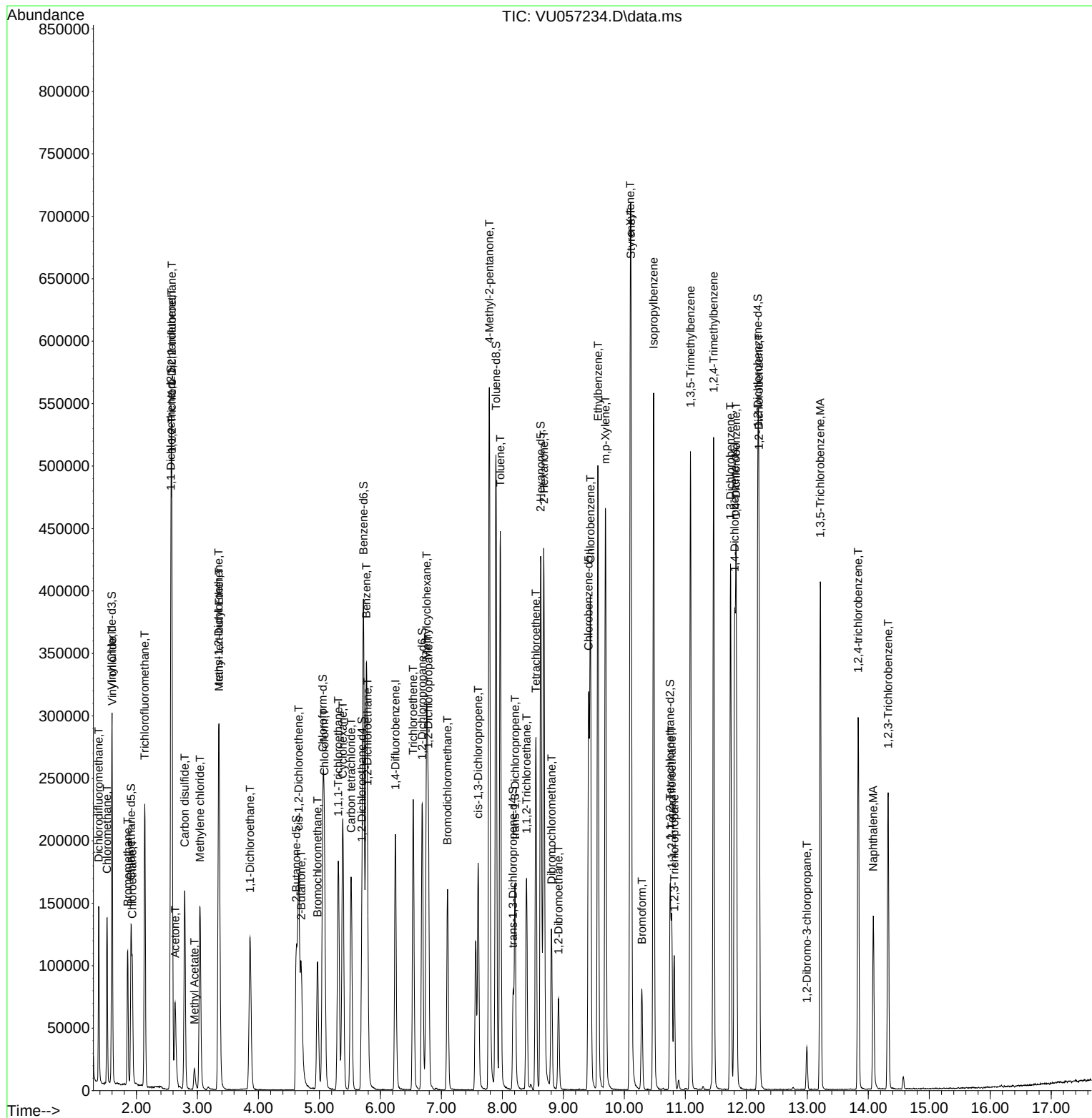
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	86769	5.463	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	139372	5.242	ug/L	98
30) Cyclohexane	5.380	56	103542	5.760	ug/L	94
31) Carbon tetrachloride	5.518	117	119958	5.129	ug/L	96
33) Benzene	5.769	78	305495	5.760	ug/L	100
34) Trichloroethene	6.538	95	82292	5.306	ug/L	97
35) Methylcyclohexane	6.759	83	112535	5.511	ug/L	97
37) 1,2-Dichloropropane	6.785	63	80240	6.082	ug/L	100
38) Bromodichloromethane	7.100	83	108646	5.692	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	112993	5.694	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	351315	61.254	ug/L	98
42) Toluene	7.965	91	333710	5.937	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	95624	5.646	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	54922	6.034	ug/L	93
47) Tetrachloroethene	8.550	164	59151	5.322	ug/L	96
48) 2-Hexanone	8.679	43	256733	60.841	ug/L	98
49) Dibromochloromethane	8.804	129	65492	5.550	ug/L	99
50) 1,2-Dibromoethane	8.920	107	49568	5.800	ug/L	99
51) Chlorobenzene	9.444	112	203721	5.569	ug/L	99
52) Ethylbenzene	9.566	91	347646	5.489	ug/L	98
53) m,p-Xylene	9.689	106	131471	5.675	ug/L	96
54) o-Xylene	10.097	106	124990	5.591	ug/L	97
55) Styrene	10.110	104	211486	5.736	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	64475	5.874	ug/L #	98
59) Bromoform	10.287	173	37121	5.496	ug/L	94
60) Isopropylbenzene	10.480	105	353901	5.454	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	47031	5.735	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	278194	5.232	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	280197	5.340	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	169764	5.535	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	162280	5.256	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	147932	5.393	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	10050	5.403	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	120279	5.271	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	90907	5.088	ug/L	99
71) Naphthalene	14.081	128	113045	5.002	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	70606	5.066	ug/L	99

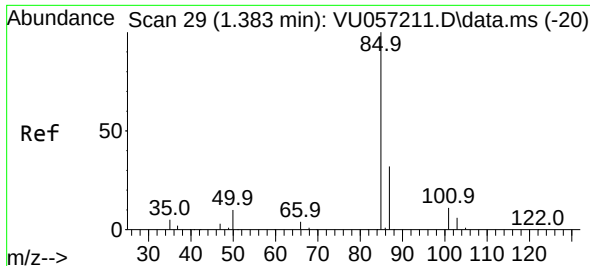
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 Data File : VU057234.D
 Acq On : 26 Dec 2023 12:09
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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:35:25 2023
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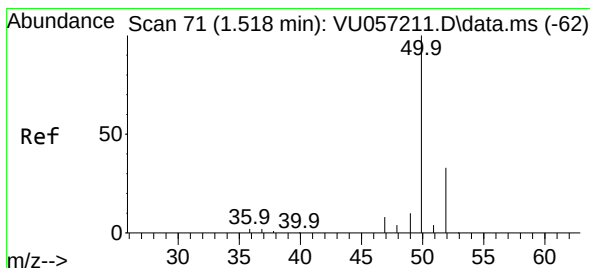
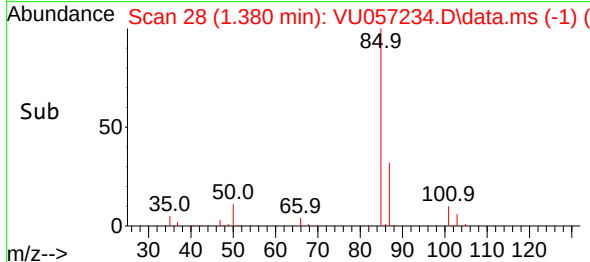
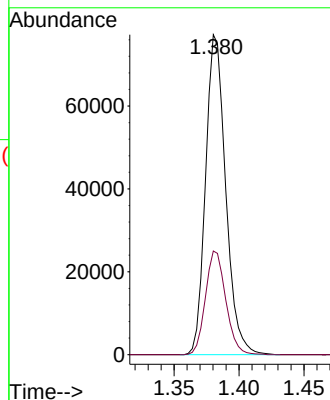
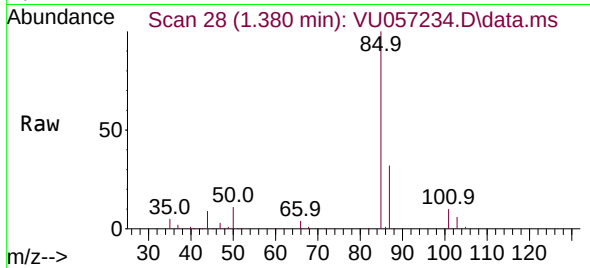




#2
 Dichlorodifluoromethane
 Concen: 5.397 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU057234.D
 Acq: 26 Dec 2023 12:09

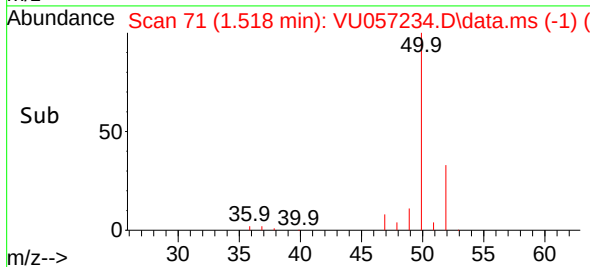
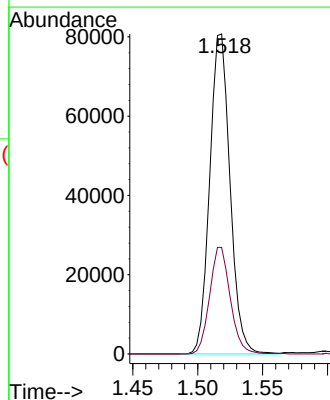
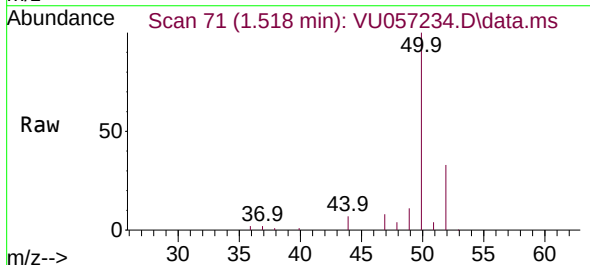
Instrument :
 MSVOA_U
 ClientSampleId :

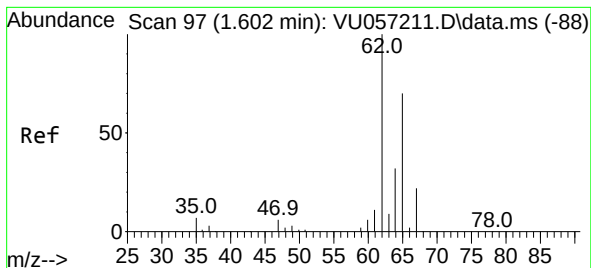
Tgt Ion: 85 Resp: 83243
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 6.495 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057234.D
 Acq: 26 Dec 2023 12:09

Tgt Ion: 50 Resp: 87805
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.7 44.1





#5

Vinyl chloride

Concen: 6.508 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

Instrument :

MSVOA_U

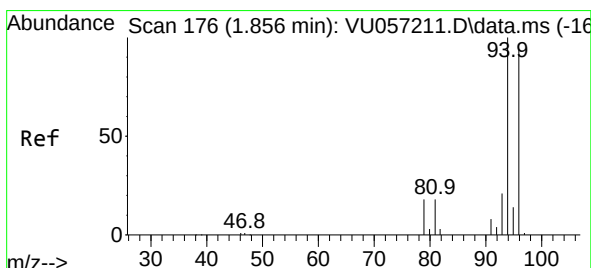
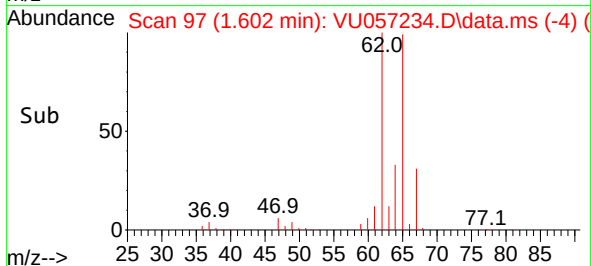
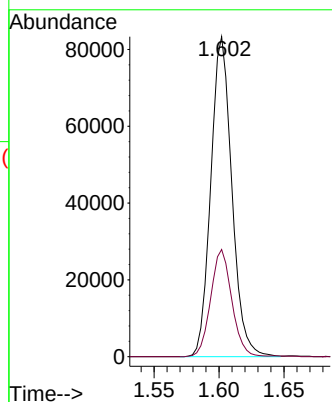
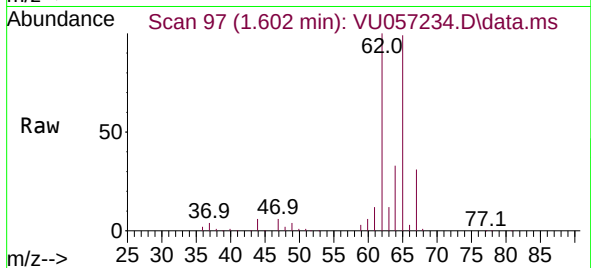
ClientSampleId :

Tgt Ion: 62 Resp: 93846

Ion Ratio Lower Upper

62 100

64 33.5 23.3 43.3



#6

Bromomethane

Concen: 7.561 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU057234.D

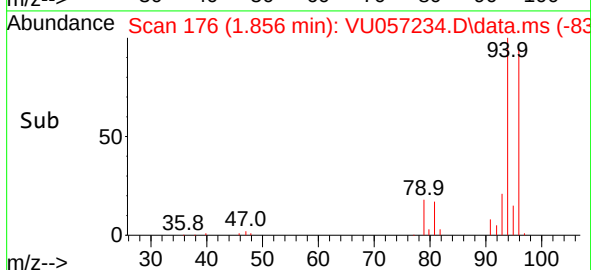
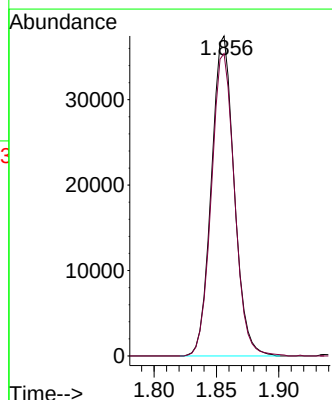
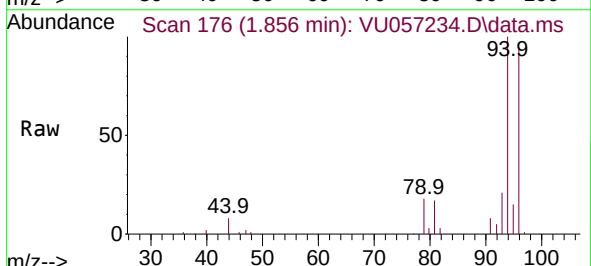
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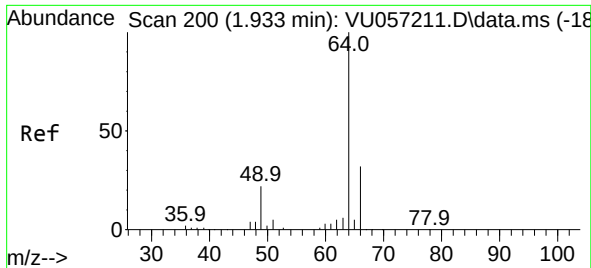
Tgt Ion: 94 Resp: 47680

Ion Ratio Lower Upper

94 100

96 94.5 68.2 126.6





#8

Chloroethane

Concen: 6.390 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.000 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

Instrument :

MSVOA_U

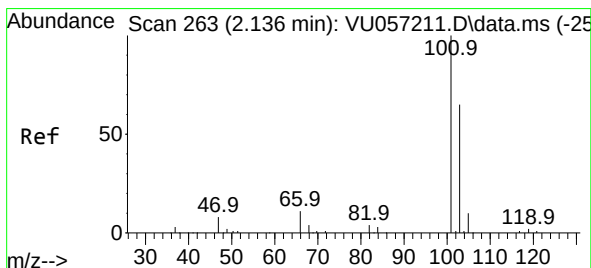
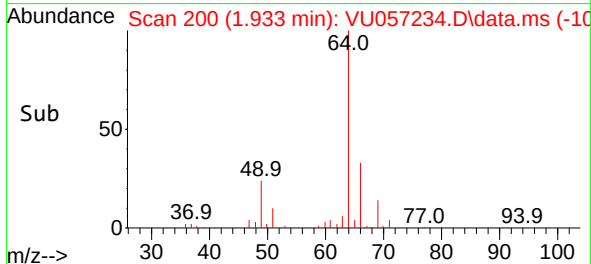
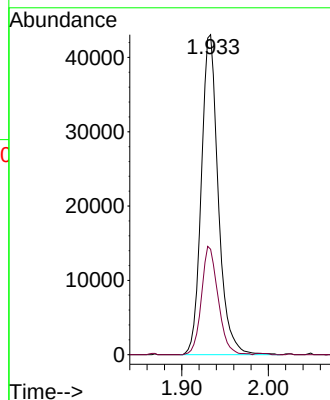
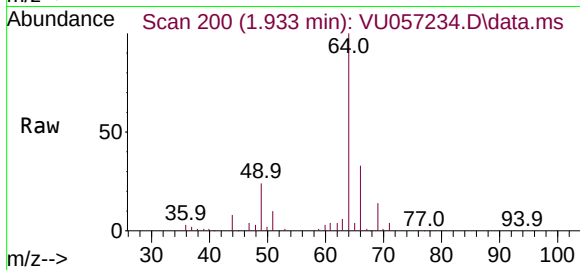
ClientSampleId :

Tgt Ion: 64 Resp: 58504

Ion Ratio Lower Upper

64 100

66 32.9 21.6 40.2



#9

Trichlorofluoromethane

Concen: 5.546 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.000 min

Lab File: VU057234.D

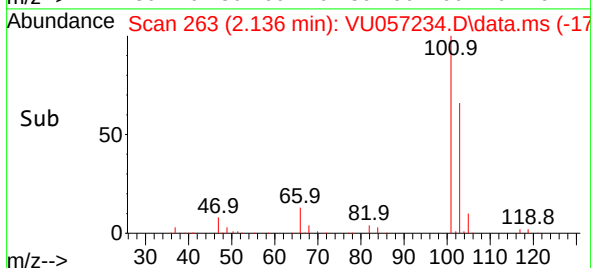
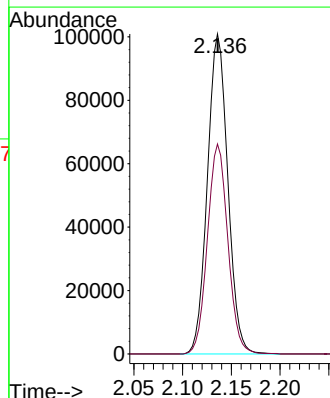
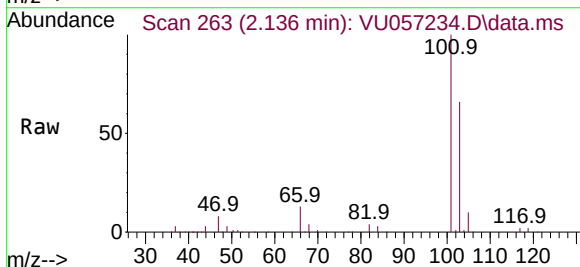
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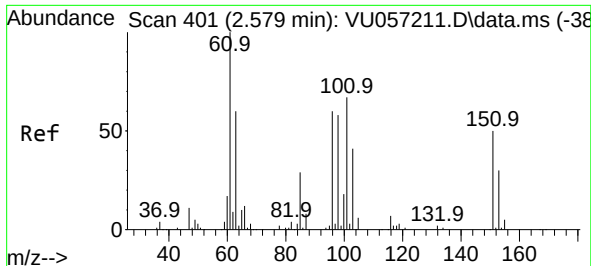
Tgt Ion:101 Resp: 146927

Ion Ratio Lower Upper

101 100

103 65.6 52.1 78.1

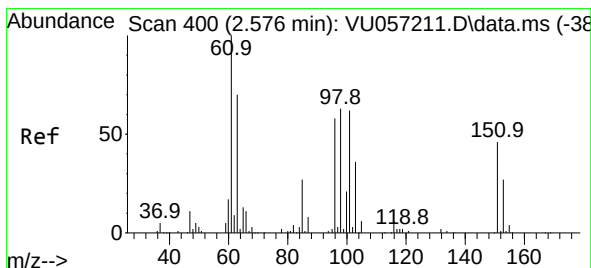
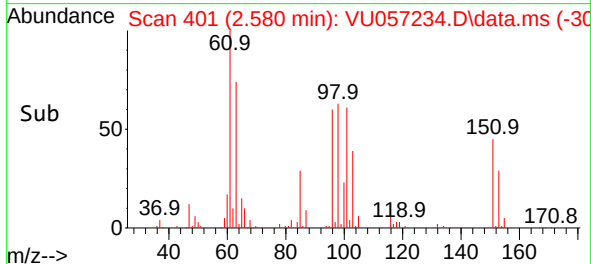
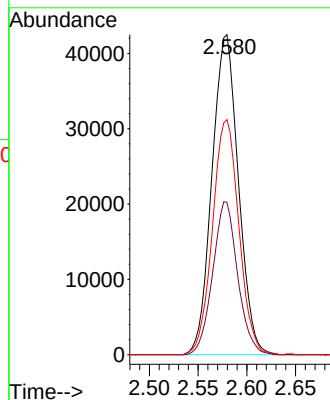
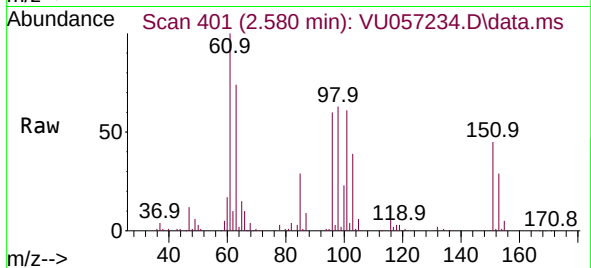




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.843 ug/L
 RT: 2.580 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU057234.D
 Acq: 26 Dec 2023 12:09

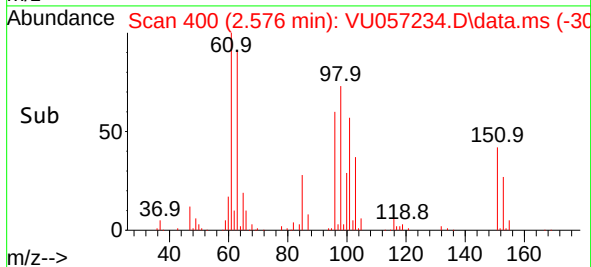
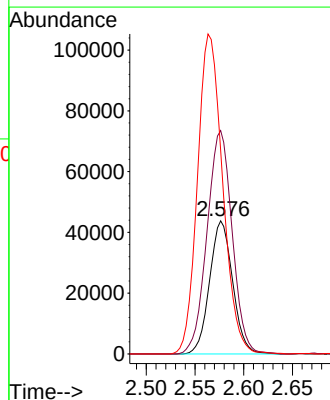
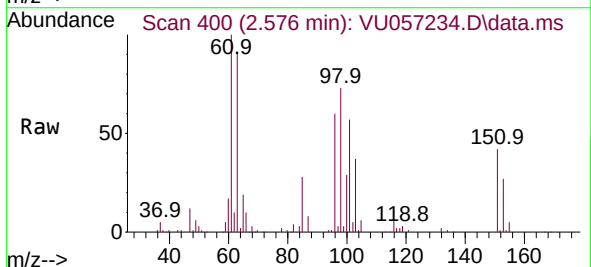
Instrument :
 MSVOA_U
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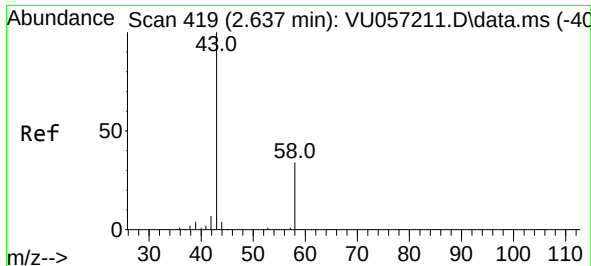
Tgt Ion: 101 Resp: 80152
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.6 53.4
 151 73.3 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 5.841 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057234.D
 Acq: 26 Dec 2023 12:09

Tgt Ion: 96 Resp: 72031
 Ion Ratio Lower Upper
 96 100
 61 167.8 119.6 222.0
 63 152.7 96.2 178.8





#13

Acetone

Concen: 60.205 ug/L

RT: 2.634 min Scan# 419

Delta R.T. -0.003 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

Instrument :

MSVOA_U

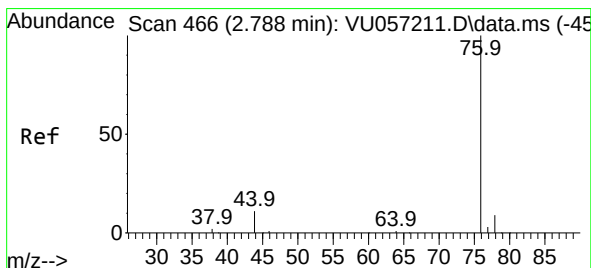
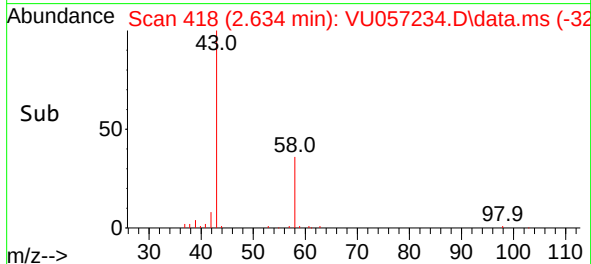
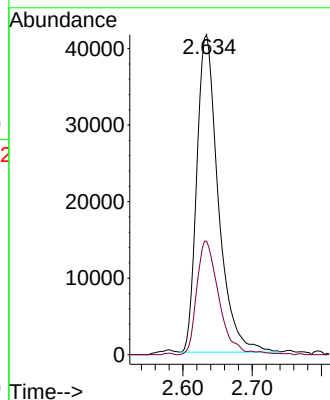
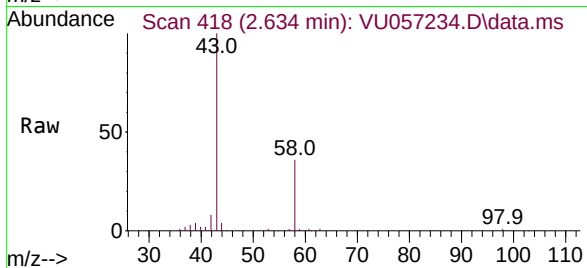
ClientSampleId :

Tgt Ion: 43 Resp: 89605

Ion Ratio Lower Upper

43 100

58 36.2 0.0 70.8



#14

Carbon disulfide

Concen: 5.358 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU057234.D

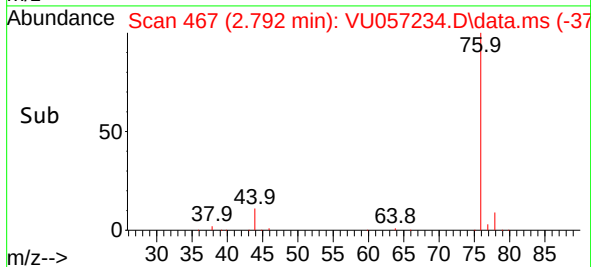
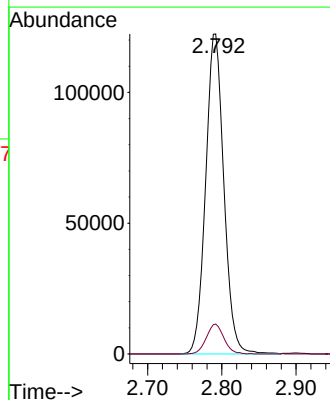
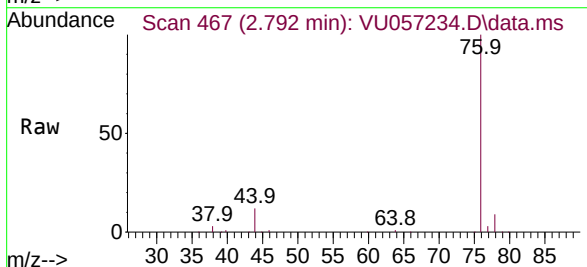
Acq: 26 Dec 2023 12:09

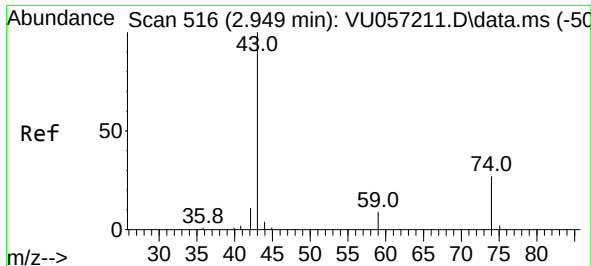
Tgt Ion: 76 Resp: 207883

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

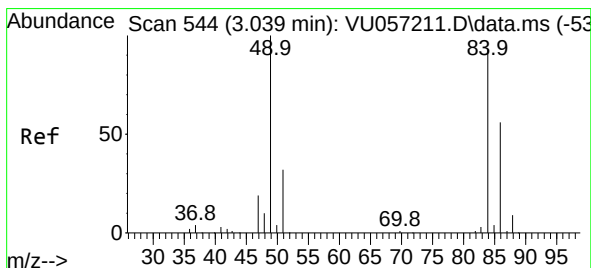
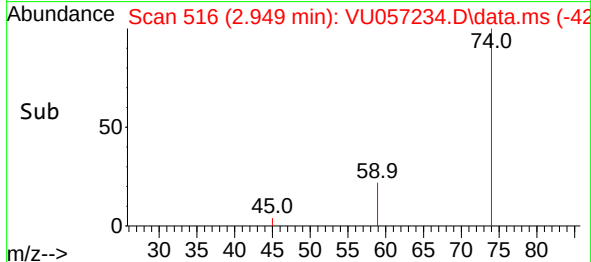
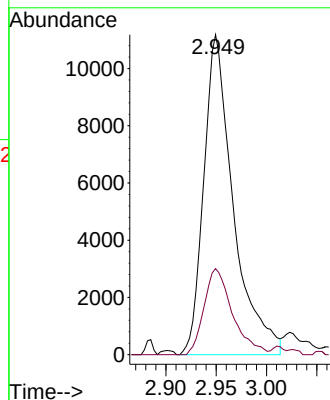
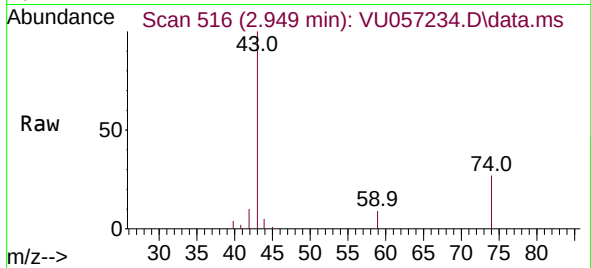




#15
Methyl Acetate
Concen: 6.513 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

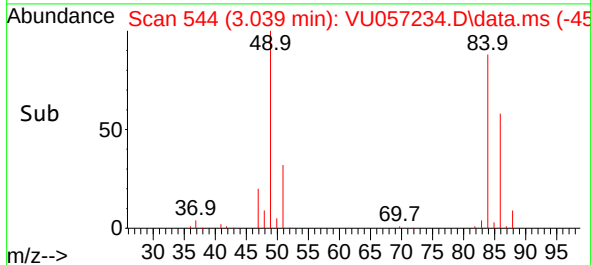
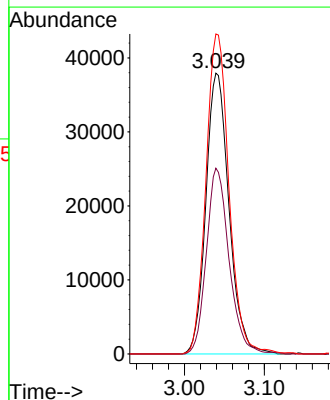
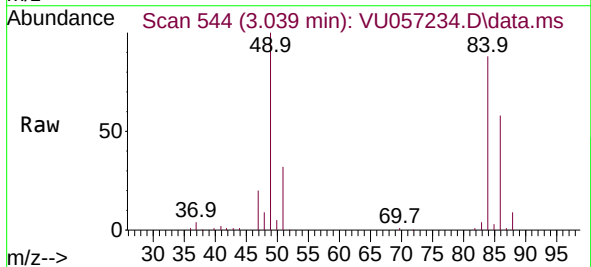
Instrument :
MSVOA_U
ClientSampleId :

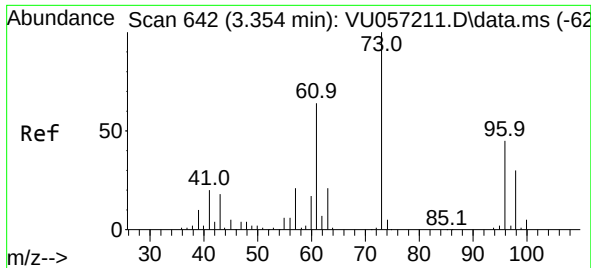
Tgt Ion: 43 Resp: 22859
Ion Ratio Lower Upper
43 100
74 25.9 22.8 34.2



#16
Methylene chloride
Concen: 5.328 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Tgt Ion: 84 Resp: 76381
Ion Ratio Lower Upper
84 100
86 66.1 44.7 82.9
49 113.9 76.0 141.2

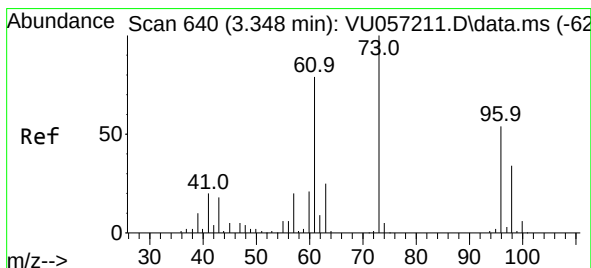
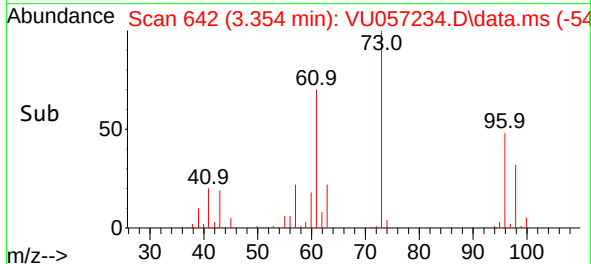
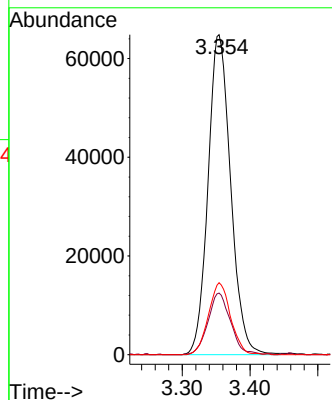
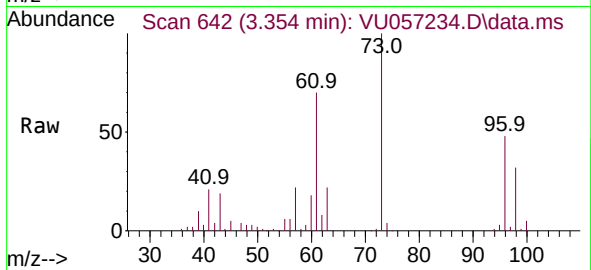




#17
Methyl tert-butyl Ether
Concen: 5.747 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

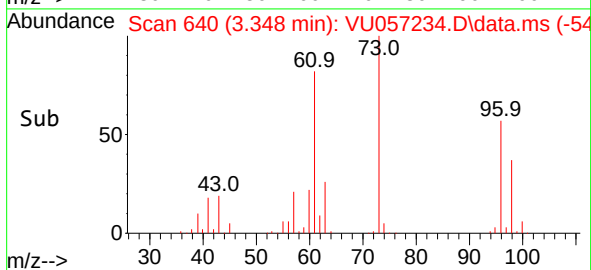
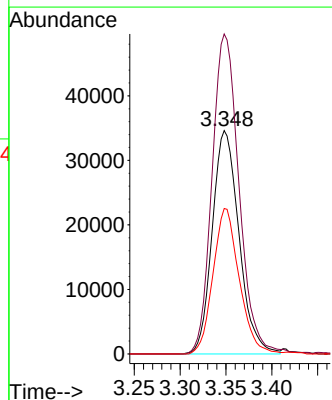
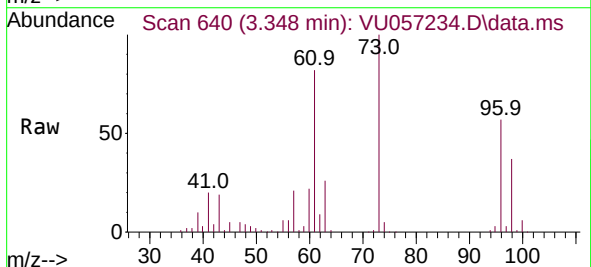
Instrument :
MSVOA_U
ClientSampleId :

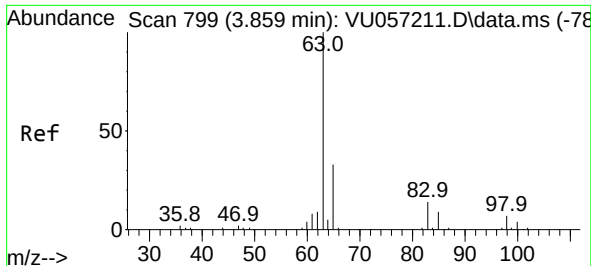
Tgt Ion: 73 Resp: 150508
Ion Ratio Lower Upper
73 100
43 19.3 15.4 23.0
57 22.0 16.2 24.2



#18
trans-1,2-Dichloroethene
Concen: 5.836 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Tgt Ion: 96 Resp: 70180
Ion Ratio Lower Upper
96 100
61 143.3 98.4 182.8
98 65.1 43.6 81.0

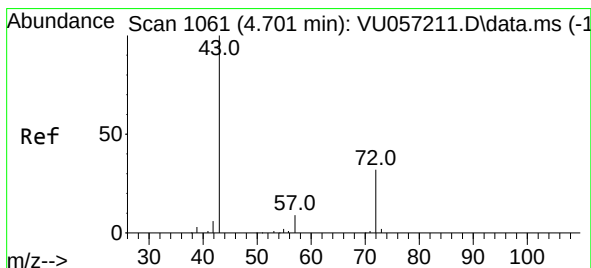
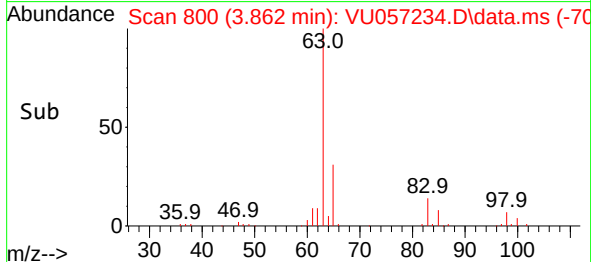
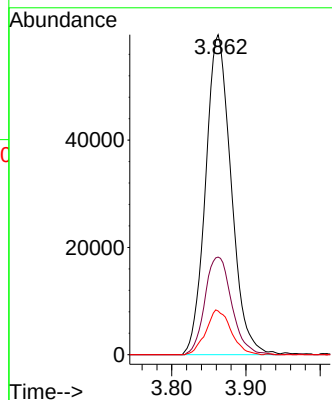
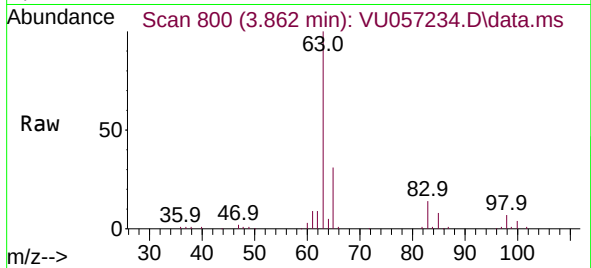




#19
1,1-Dichloroethane
Concen: 5.977 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

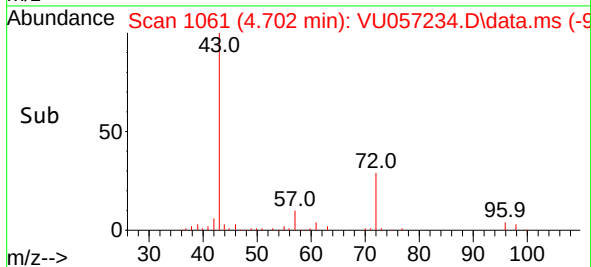
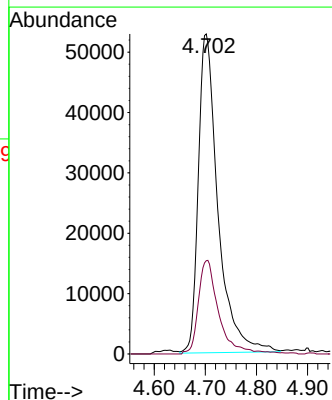
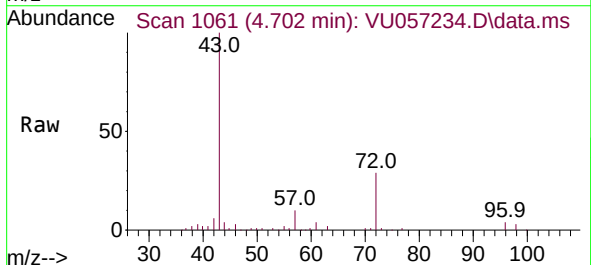
Instrument :
MSVOA_U
ClientSampleId :

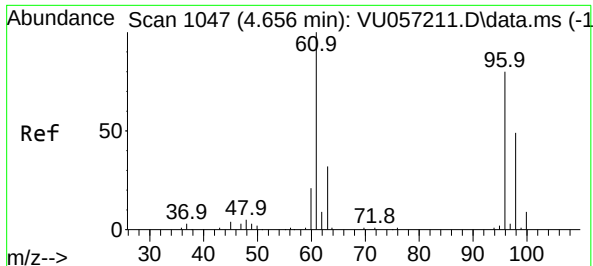
Tgt Ion: 63 Resp: 142646
Ion Ratio Lower Upper
63 100
65 30.5 21.6 40.2
83 13.6 10.2 19.0



#21
2-Butanone
Concen: 62.272 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

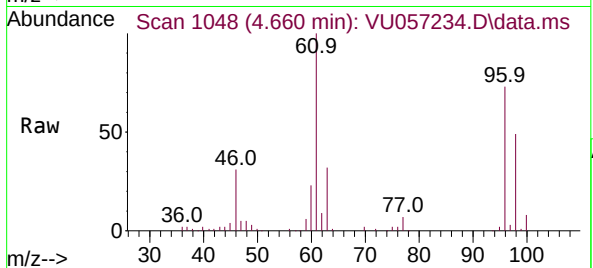
Tgt Ion: 43 Resp: 141247
Ion Ratio Lower Upper
43 100
72 29.7 16.3 48.8





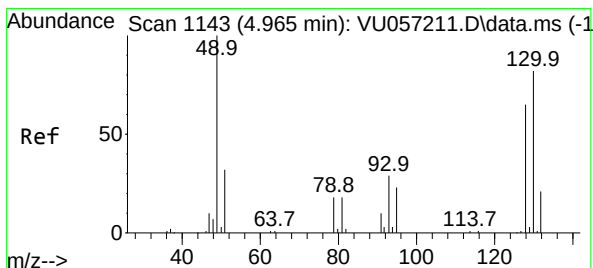
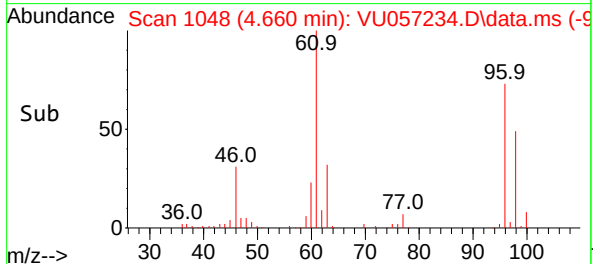
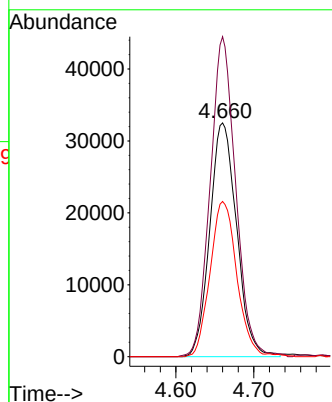
#22
 cis-1,2-Dichloroethene
 Concen: 5.875 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU057234.D
 Acq: 26 Dec 2023 12:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 77806

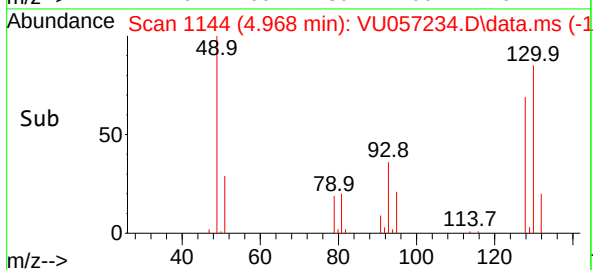
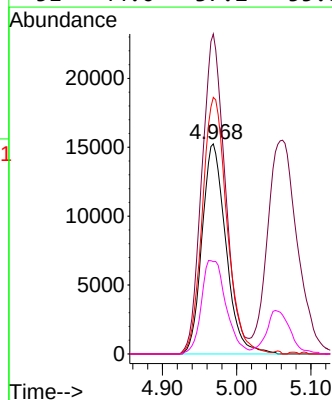
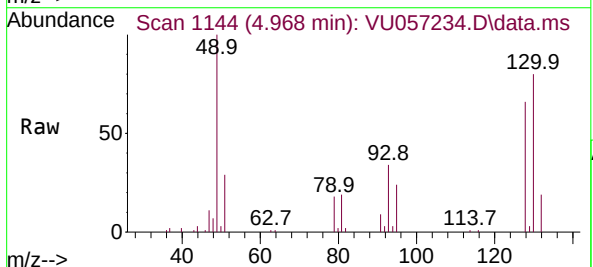
Ion	Ratio	Lower	Upper
96	100		
61	136.9	86.8	161.2
98	66.4	45.5	84.5

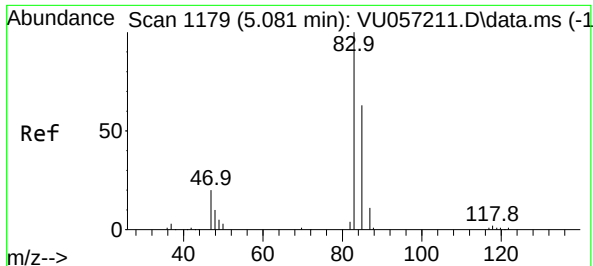


#23
 Bromochloromethane
 Concen: 5.914 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU057234.D
 Acq: 26 Dec 2023 12:09

Tgt Ion: 128 Resp: 33940

Ion	Ratio	Lower	Upper
128	100		
49	152.3	102.7	190.7
130	122.1	94.7	175.9
51	44.0	37.2	55.8





#25

Chloroform

Concen: 5.869 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

Instrument :

MSVOA_U

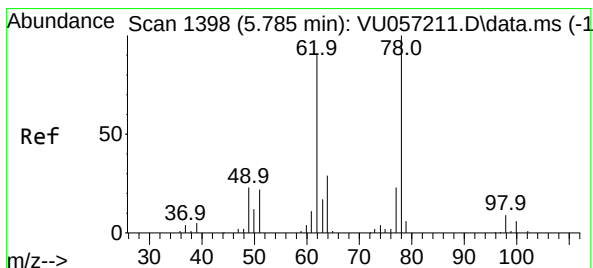
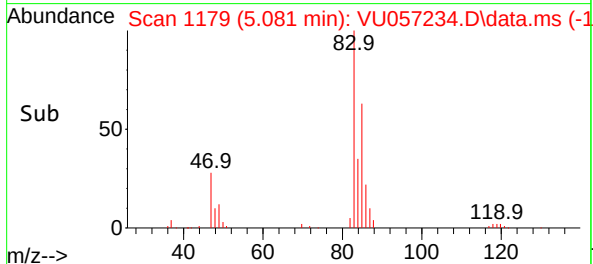
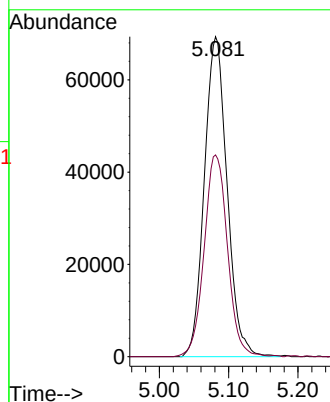
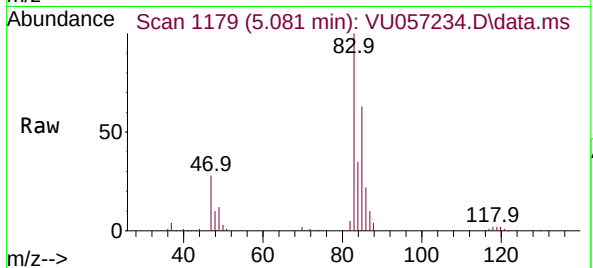
ClientSampleId :

Tgt Ion: 83 Resp: 157994

Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.463 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU057234.D

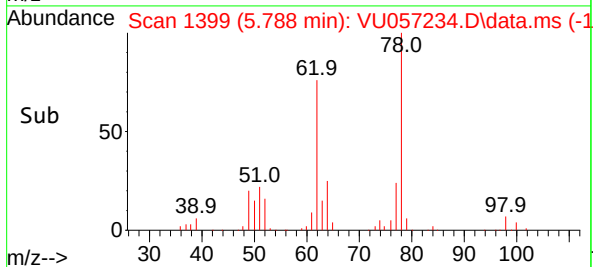
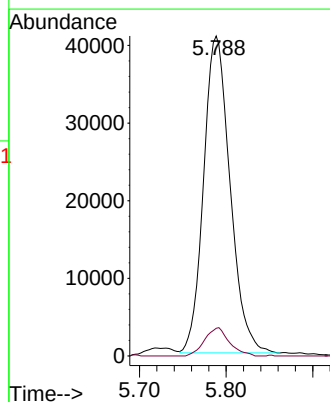
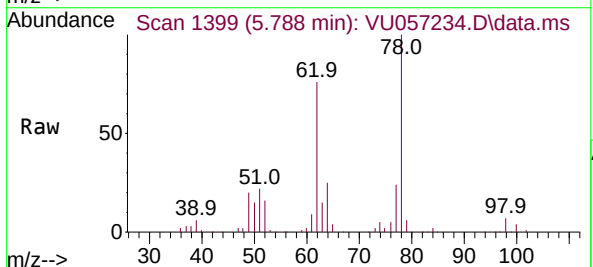
Acq: 26 Dec 2023 12:09

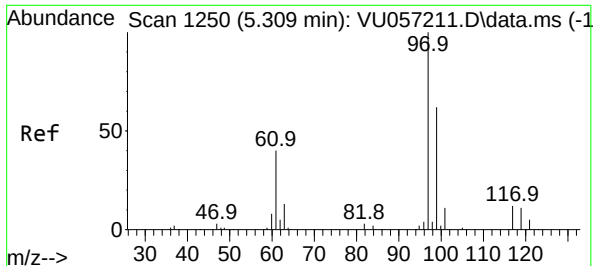
Tgt Ion: 62 Resp: 86769

Ion Ratio Lower Upper

62 100

98 8.7 6.3 9.5

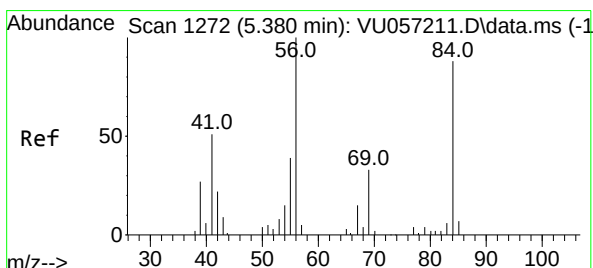
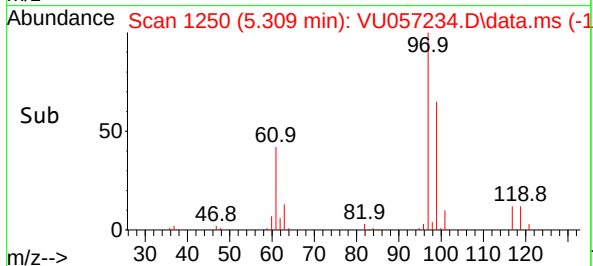
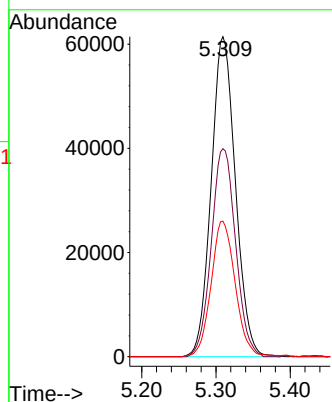
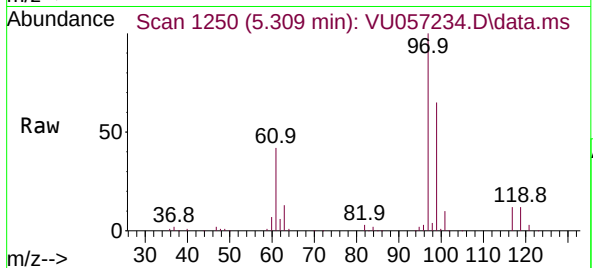




#29
1,1,1-Trichloroethane
Concen: 5.242 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

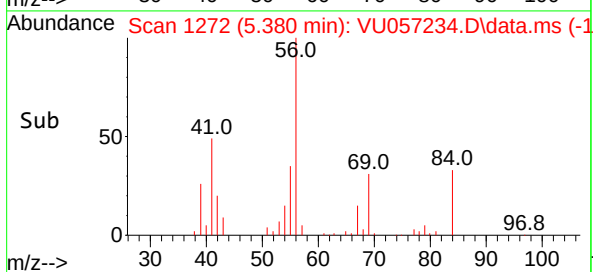
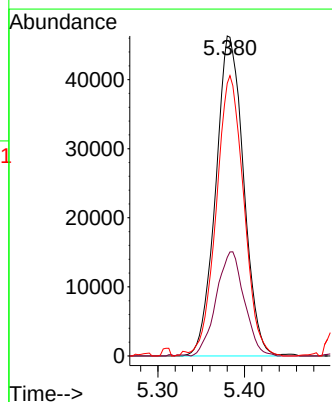
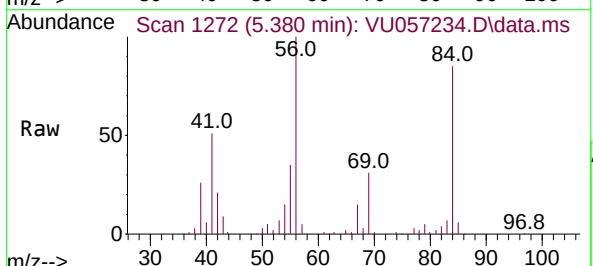
Instrument :
MSVOA_U
ClientSampleId :

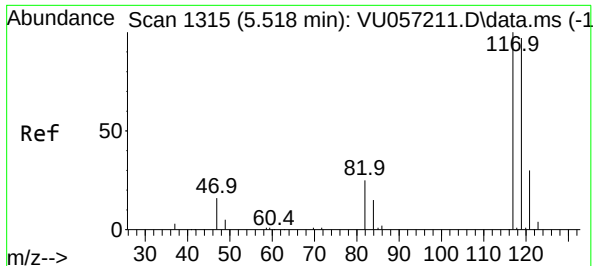
Tgt Ion: 97 Resp: 139372
Ion Ratio Lower Upper
97 100
99 65.2 51.2 76.8
61 42.2 32.5 48.7



#30
Cyclohexane
Concen: 5.760 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Tgt Ion: 56 Resp: 103542
Ion Ratio Lower Upper
56 100
69 32.8 26.7 40.1
84 86.6 74.9 112.3

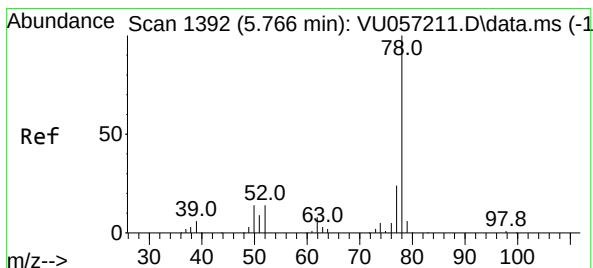
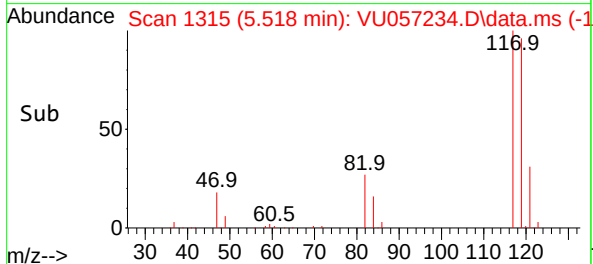
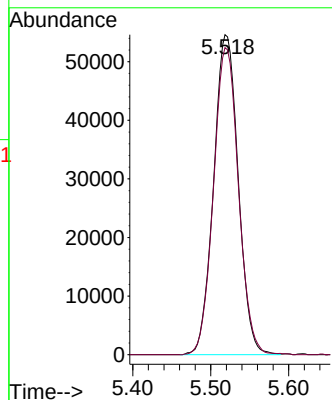
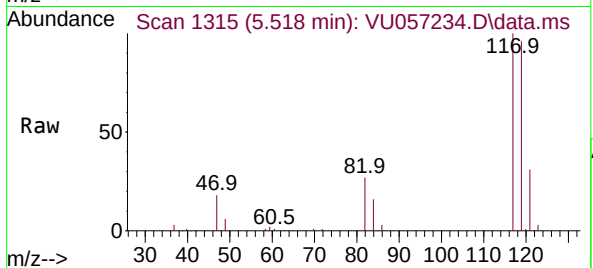




#31
Carbon tetrachloride
Concen: 5.129 ug/L
RT: 5.518 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

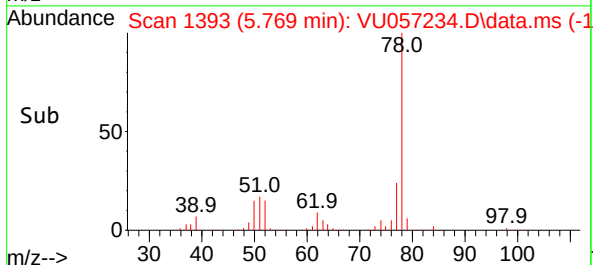
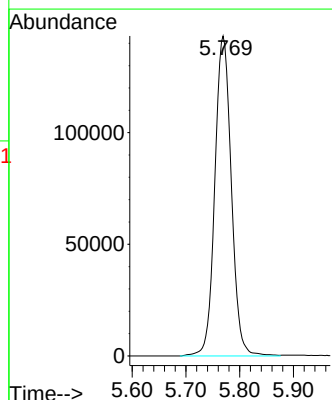
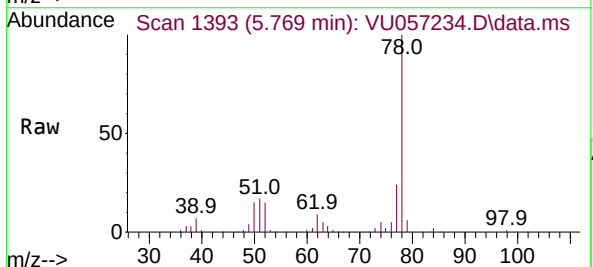
Instrument :
MSVOA_U
ClientSampleId :

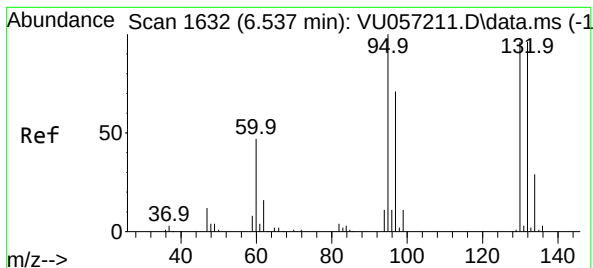
Tgt Ion:117 Resp: 119958
Ion Ratio Lower Upper
117 100
119 97.4 75.1 112.7



#33
Benzene
Concen: 5.760 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Tgt Ion: 78 Resp: 305495





#34

Trichloroethene

Concen: 5.306 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 82292

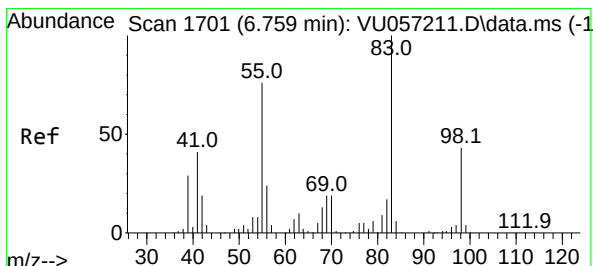
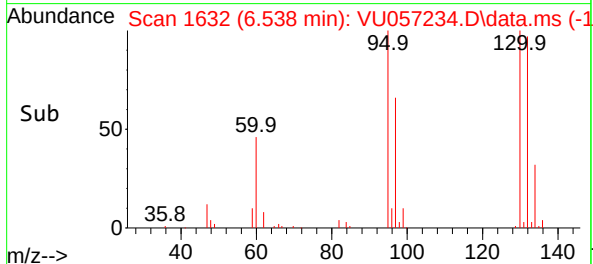
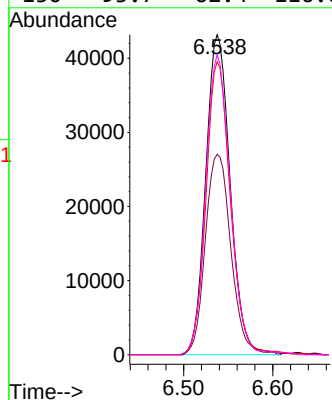
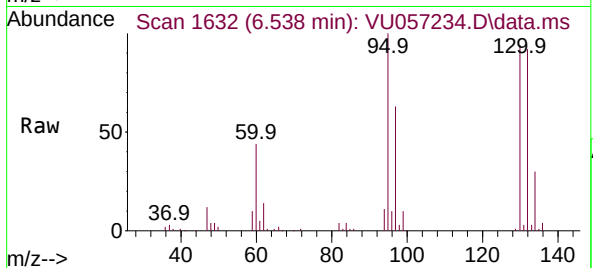
Ion Ratio Lower Upper

95 100

97 62.6 44.3 82.3

132 91.6 62.6 116.2

130 93.7 62.4 116.0



#35

Methylcyclohexane

Concen: 5.511 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

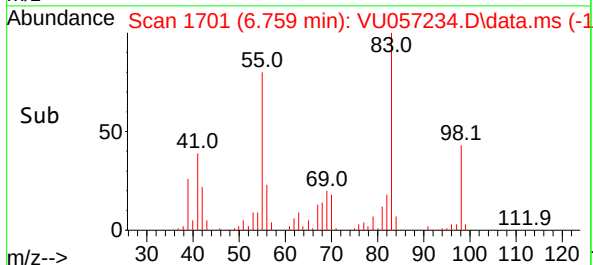
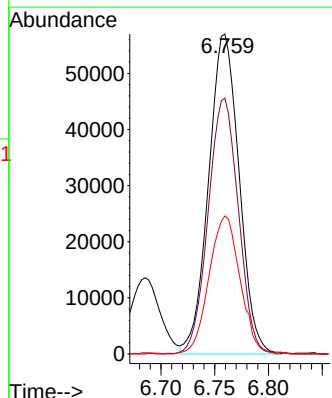
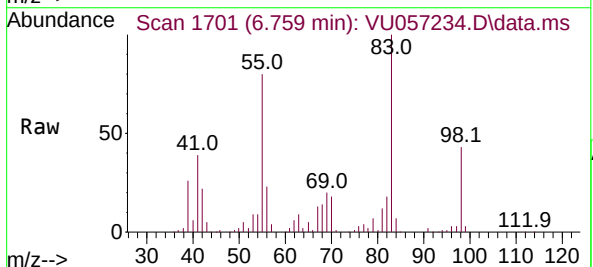
Tgt Ion: 83 Resp: 112535

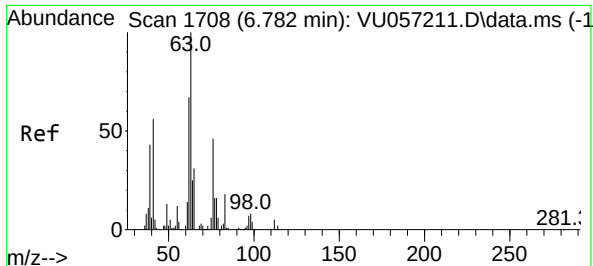
Ion Ratio Lower Upper

83 100

55 79.3 61.3 91.9

98 43.7 36.6 55.0





#37

1,2-Dichloropropane

Concen: 6.082 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

Instrument :

MSVOA_U

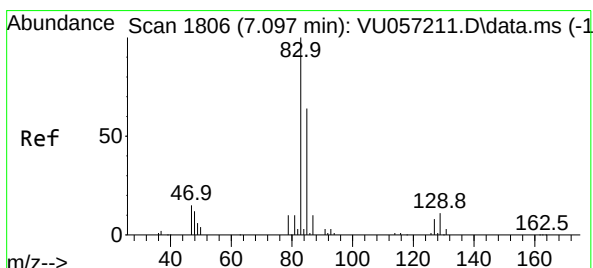
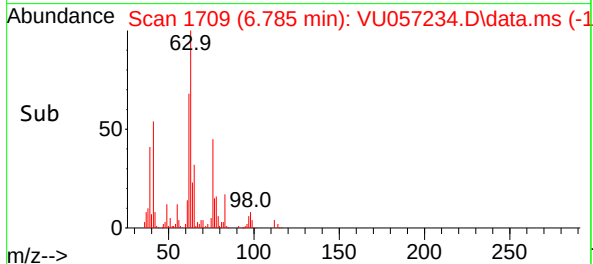
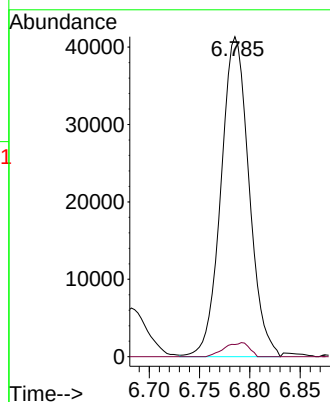
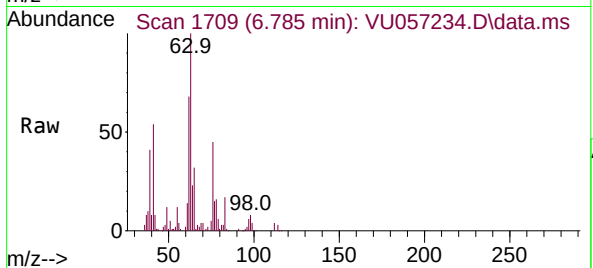
ClientSampleId :

Tgt Ion: 63 Resp: 80240

Ion Ratio Lower Upper

63 100

112 3.9 3.1 4.7



#38

Bromodichloromethane

Concen: 5.692 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

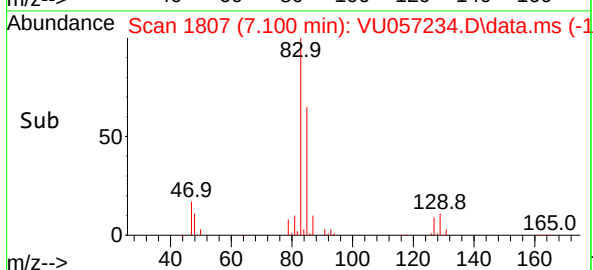
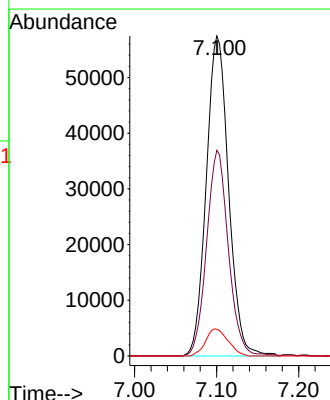
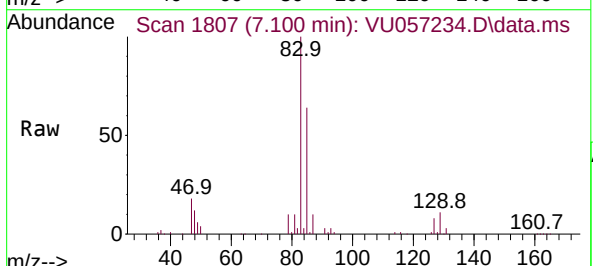
Tgt Ion: 83 Resp: 108646

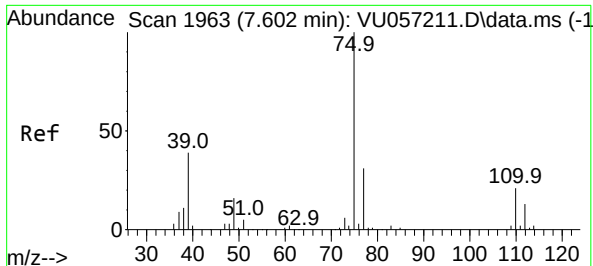
Ion Ratio Lower Upper

83 100

85 64.3 45.8 85.0

127 8.4 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 5.694 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

Instrument :

MSVOA_U

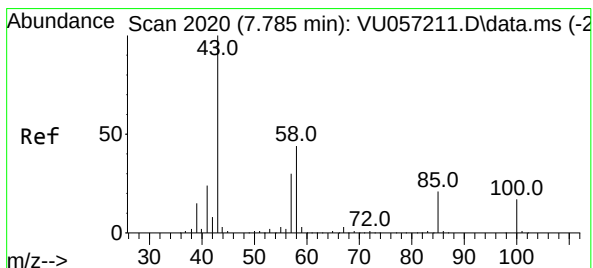
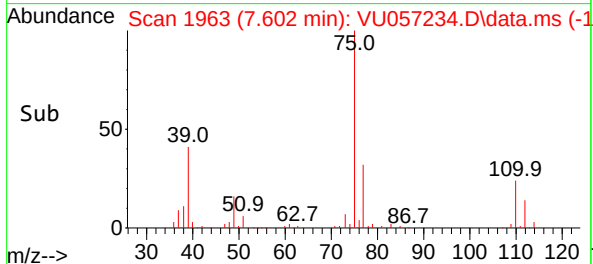
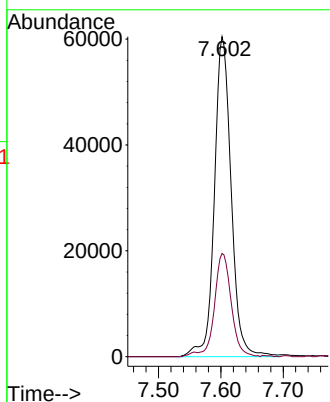
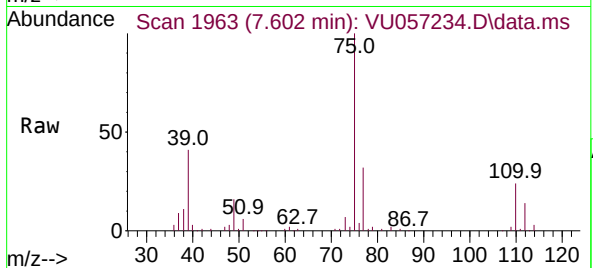
ClientSampleId :

Tgt Ion: 75 Resp: 112993

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 61.254 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

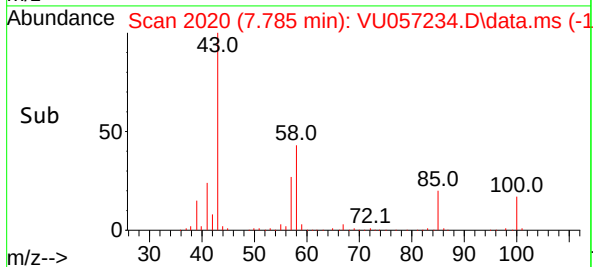
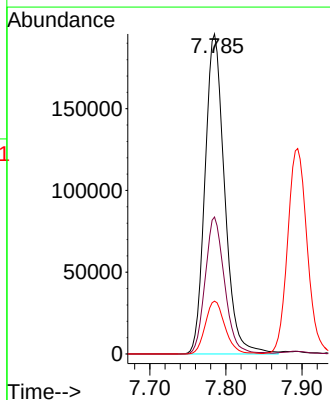
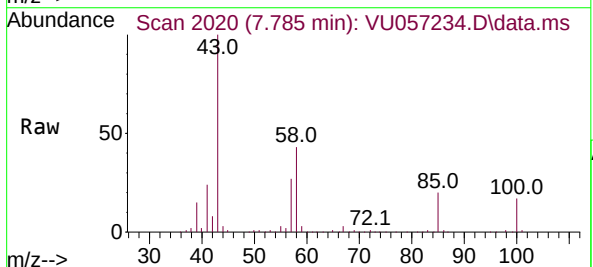
Tgt Ion: 43 Resp: 351315

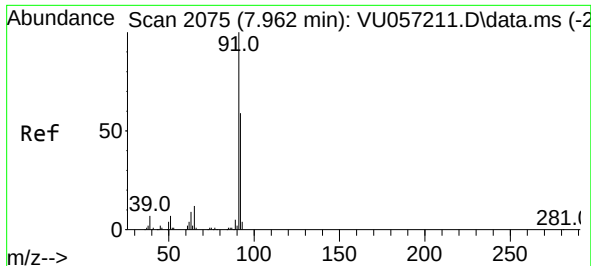
Ion Ratio Lower Upper

43 100

58 42.4 34.8 52.2

100 16.6 14.6 21.8





#42

Toluene

Concen: 5.937 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

Instrument :

MSVOA_U

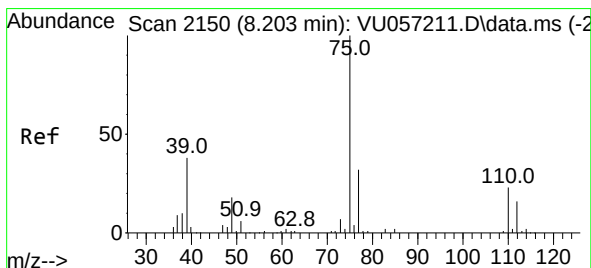
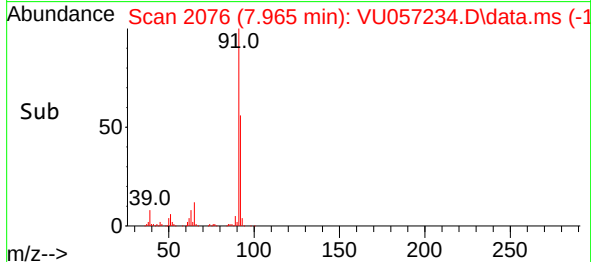
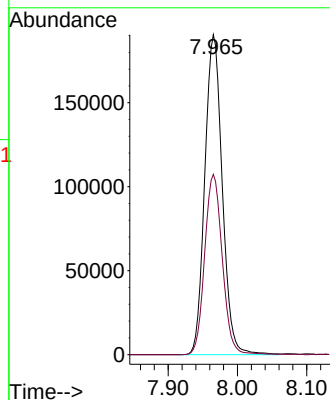
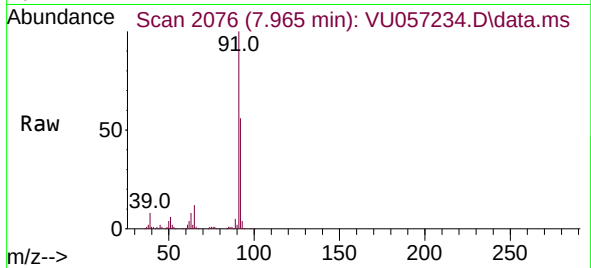
ClientSampleId :

Tgt Ion: 91 Resp: 333710

Ion Ratio Lower Upper

91 100

92 56.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.646 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU057234.D

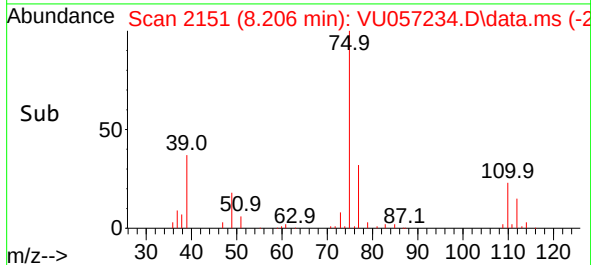
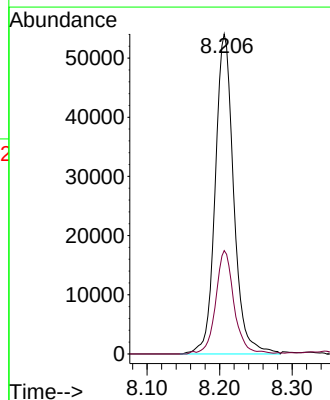
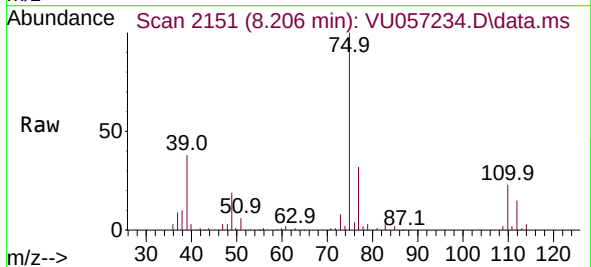
Acq: 26 Dec 2023 12:09

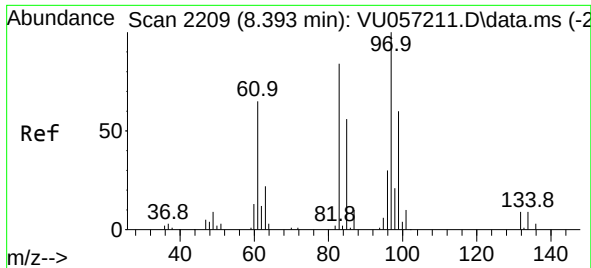
Tgt Ion: 75 Resp: 95624

Ion Ratio Lower Upper

75 100

77 32.3 21.4 39.8

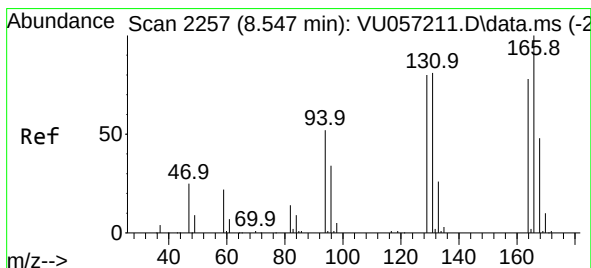
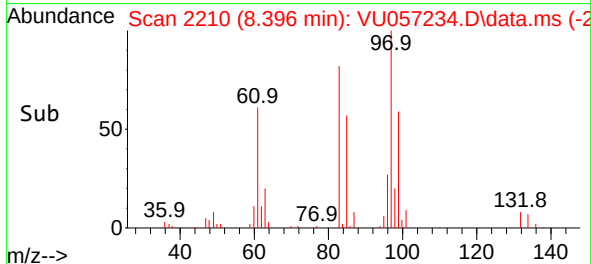
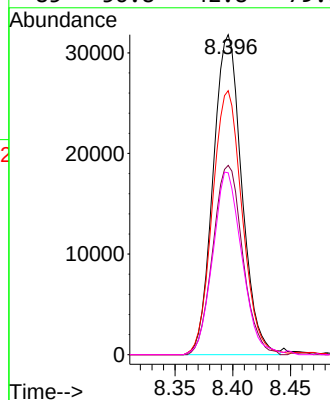
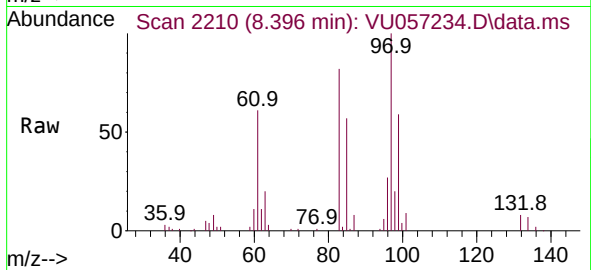




#45
1,1,2-Trichloroethane
Concen: 6.034 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

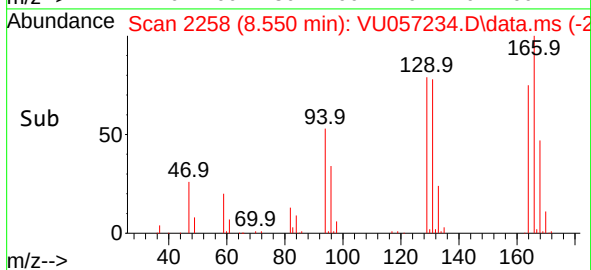
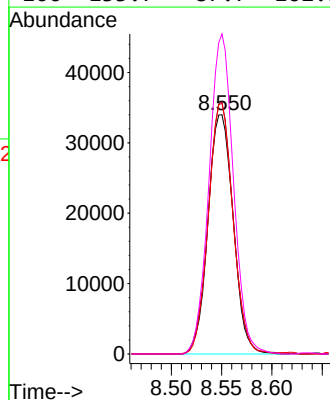
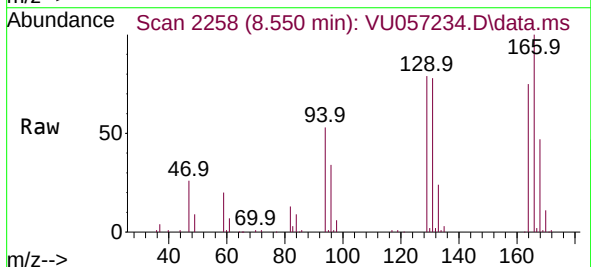
Instrument :
MSVOA_U
ClientSampleId :

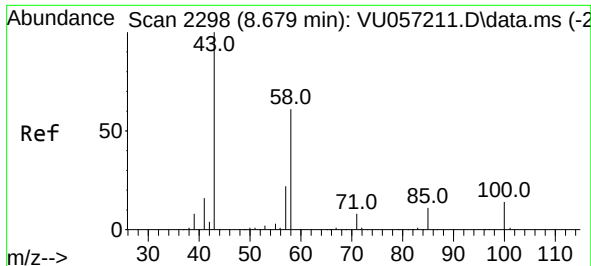
Tgt Ion: 97	Resp: 54922
Ion Ratio	Lower Upper
97 100	
99 59.1	47.0 87.2
83 82.5	62.1 115.3
85 56.8	42.8 79.6



#47
Tetrachloroethene
Concen: 5.322 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Tgt	Ion:164	Resp:	59151
Ion	Ratio	Lower	Upper
164	100		
129	105.4	72.9	135.3
131	104.8	71.7	133.3
166	133.7	87.7	162.9



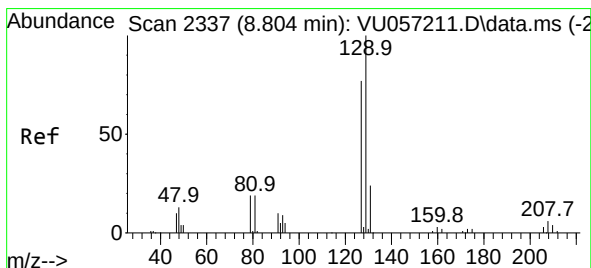
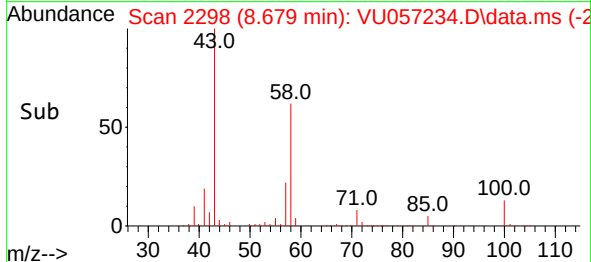
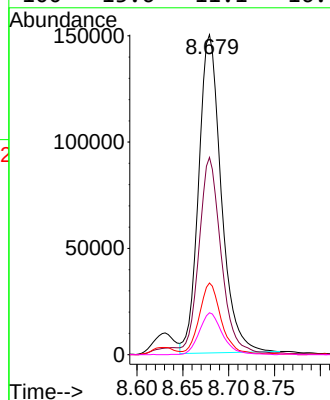
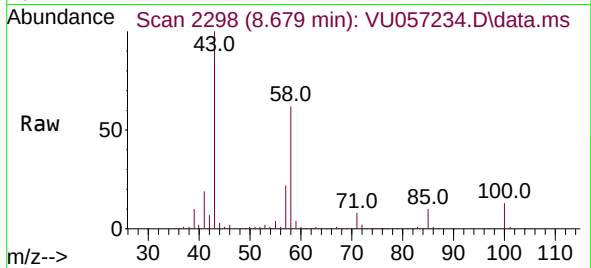


#48
2-Hexanone
Concen: 60.841 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 256733

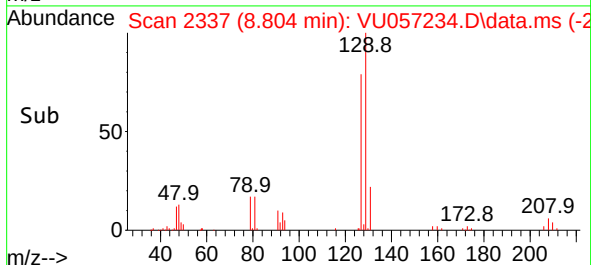
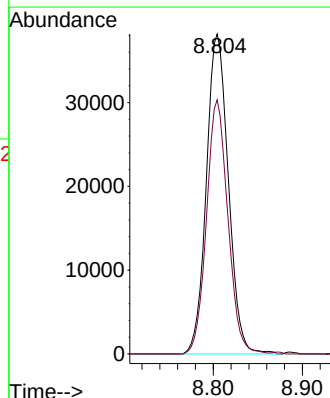
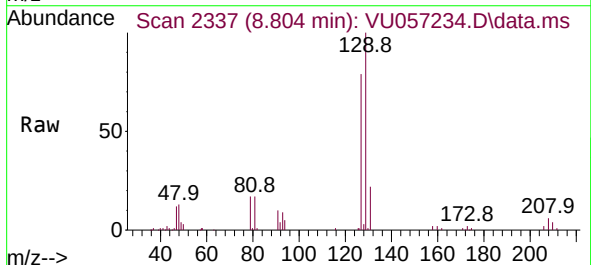
Ion	Ratio	Lower	Upper
43	100		
58	63.8	49.8	74.8
57	21.4	18.5	27.7
100	13.6	11.1	16.7

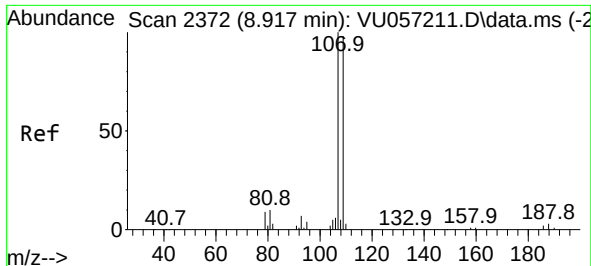


#49
Dibromochloromethane
Concen: 5.550 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Tgt Ion: 129 Resp: 65492

Ion	Ratio	Lower	Upper
129	100		
127	79.4	55.2	102.6





#50

1,2-Dibromoethane

Concen: 5.800 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057234.D

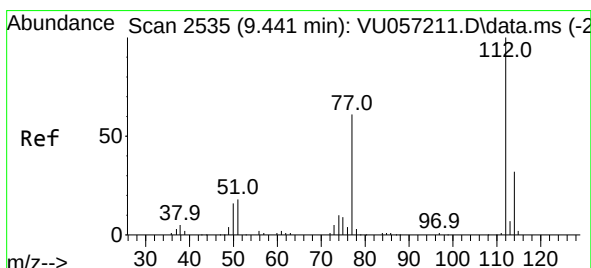
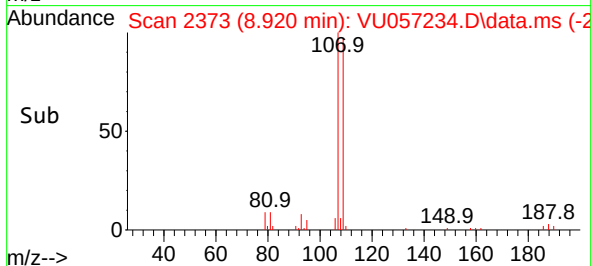
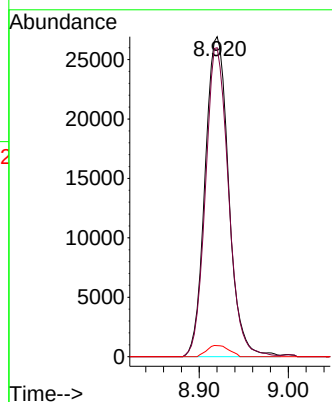
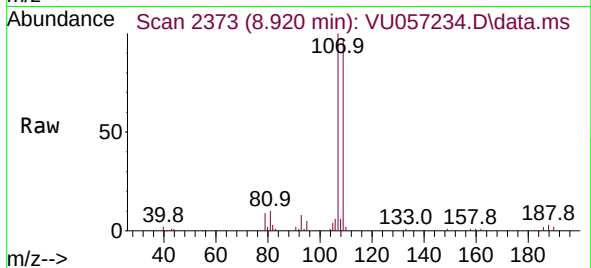
Acq: 26 Dec 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	49568
Ion Ratio	Lower	Upper
107	100	
109	96.6	66.8 124.2
188	3.5	2.6 4.0



#51

Chlorobenzene

Concen: 5.569 ug/L

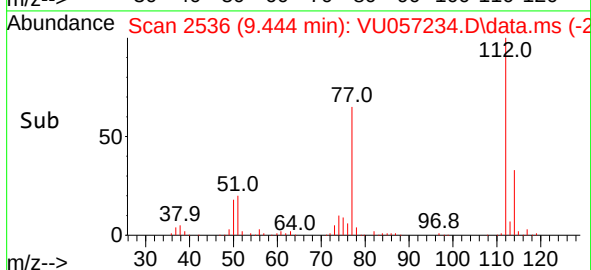
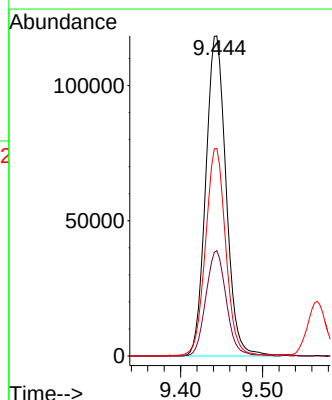
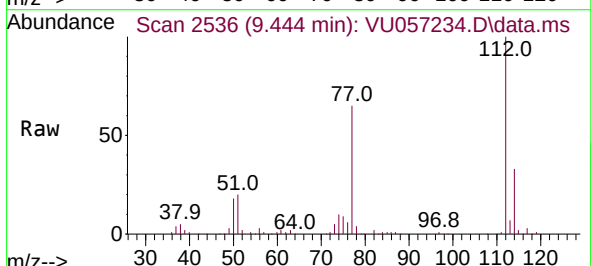
RT: 9.444 min Scan# 2536

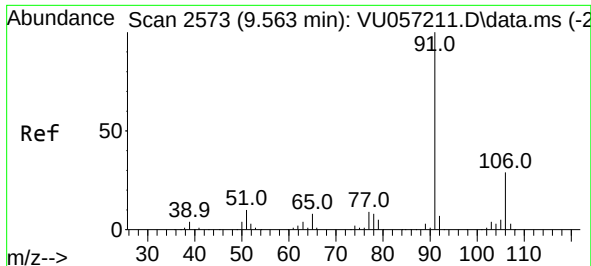
Delta R.T. 0.003 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

Tgt Ion:112	Resp:	203721
Ion Ratio	Lower	Upper
112	100	
114	32.9	22.7 42.1
77	64.8	52.2 78.2

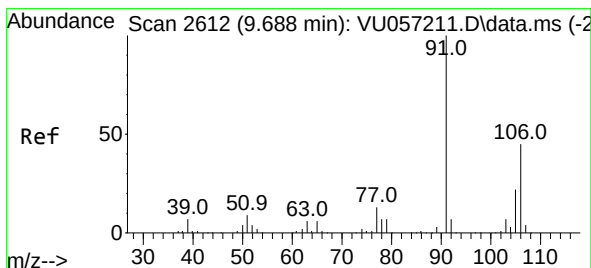
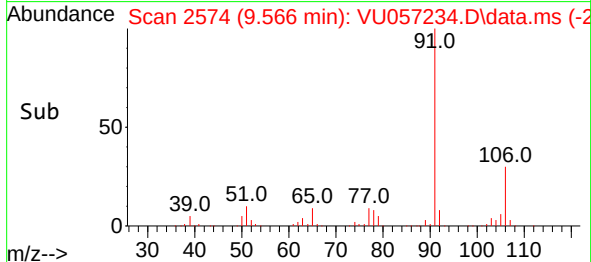
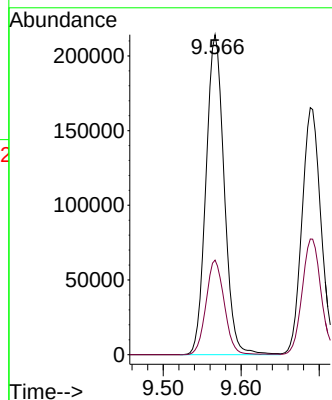
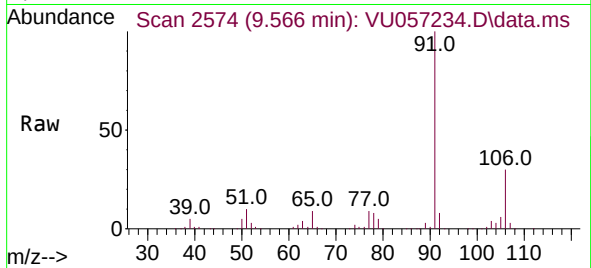




#52
Ethylbenzene
Concen: 5.489 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

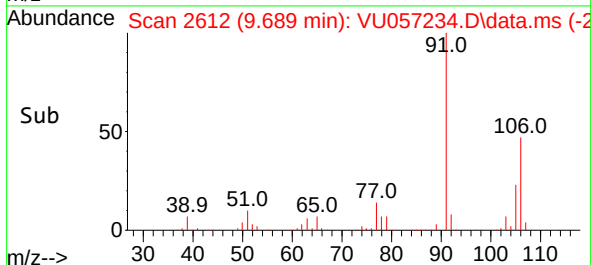
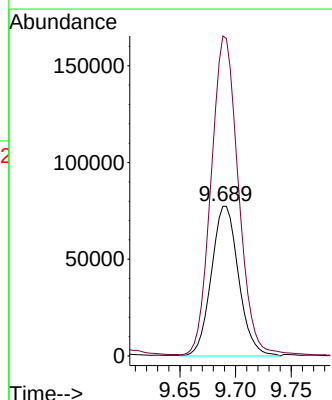
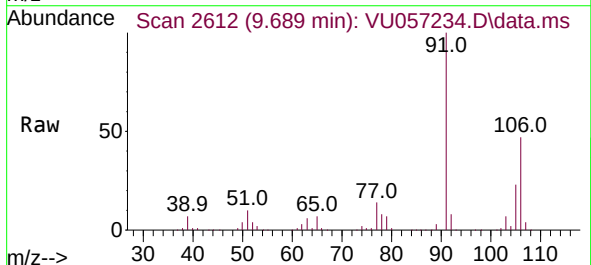
Instrument :
MSVOA_U
ClientSampleId :

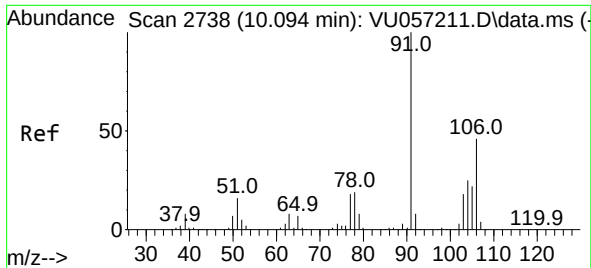
Tgt Ion: 91 Resp: 347646
Ion Ratio Lower Upper
91 100
106 29.5 21.6 40.2



#53
m,p-Xylene
Concen: 5.675 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Tgt Ion:106 Resp: 131471
Ion Ratio Lower Upper
106 100
91 213.6 154.5 286.9

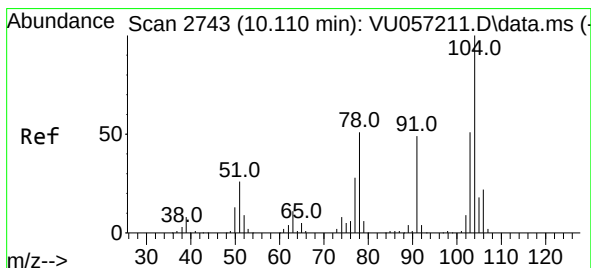
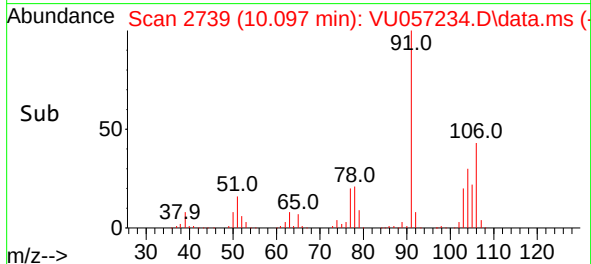
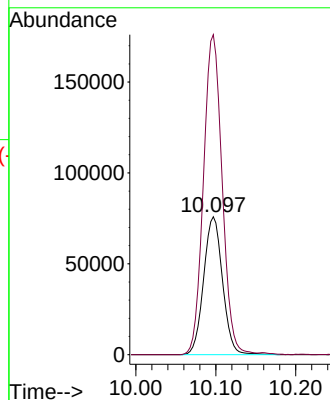
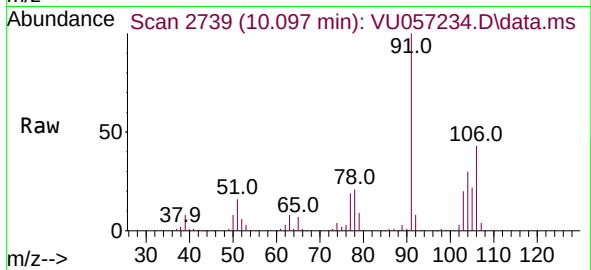




#54
o-Xylene
Concen: 5.591 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

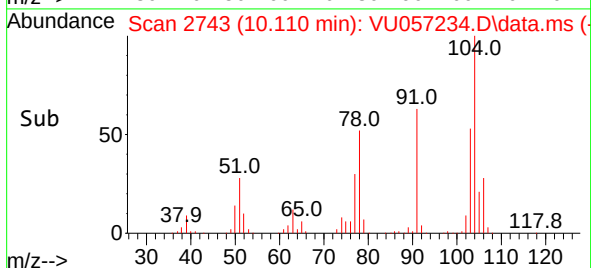
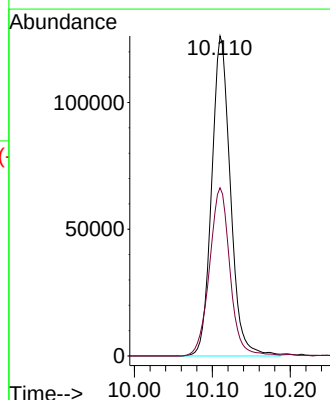
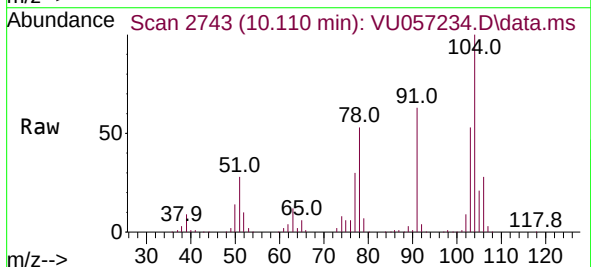
Instrument :
MSVOA_U
ClientSampleId :

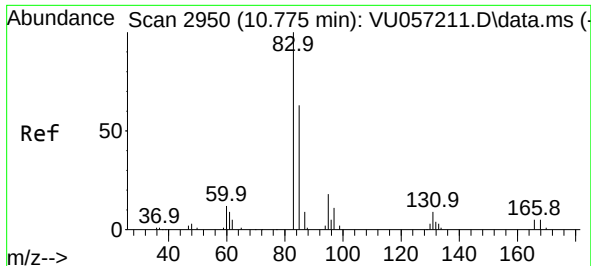
Tgt Ion:106 Resp: 124990
Ion Ratio Lower Upper
106 100
91 232.0 165.4 307.2



#55
Styrene
Concen: 5.736 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Tgt Ion:104 Resp: 211486
Ion Ratio Lower Upper
104 100
78 52.5 35.8 66.6

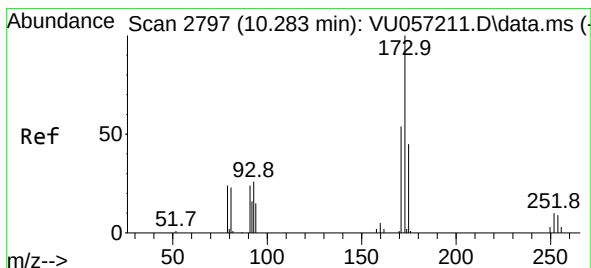
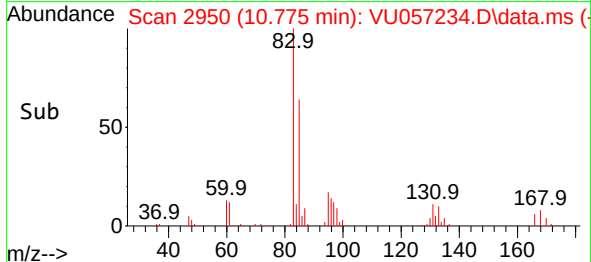
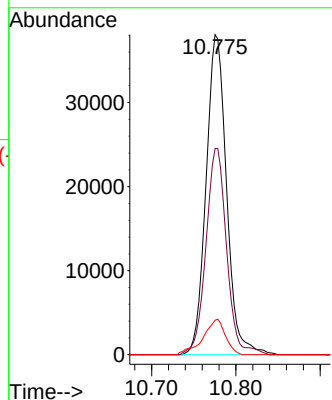
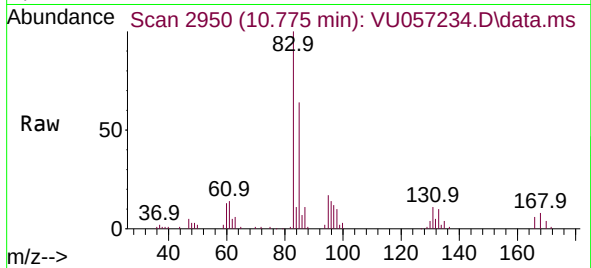




#57
1,1,2,2-Tetrachloroethane
Concen: 5.874 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

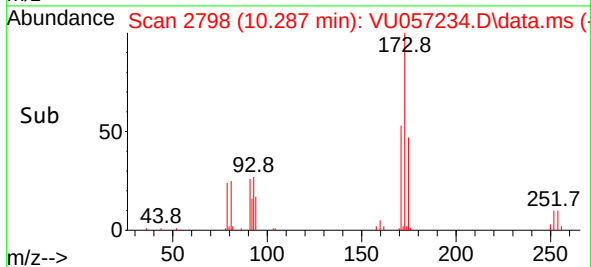
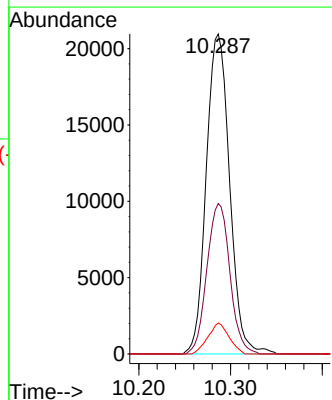
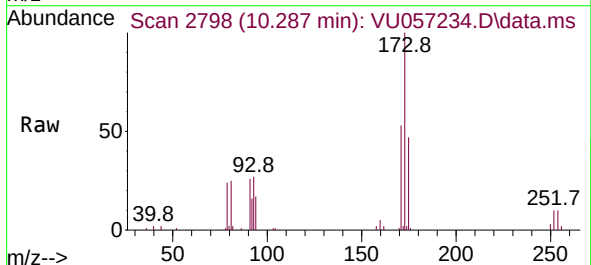
Instrument :
MSVOA_U
ClientSampleId :

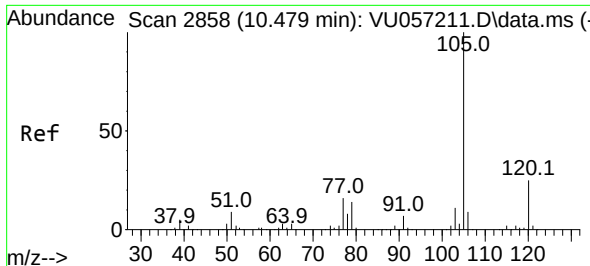
Tgt Ion: 83 Resp: 64475
Ion Ratio Lower Upper
83 100
85 64.4 45.8 85.2
131 10.8 7.0 10.6#



#59
Bromoform
Concen: 5.496 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Tgt Ion:173 Resp: 37121
Ion Ratio Lower Upper
173 100
175 46.2 40.5 60.7
254 8.7 8.1 12.1

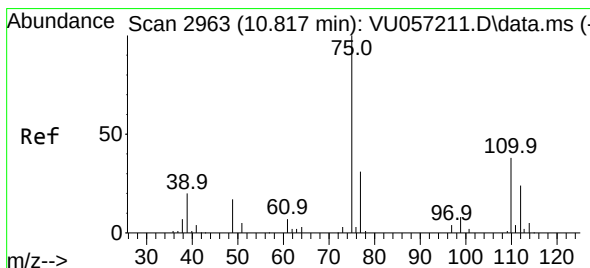
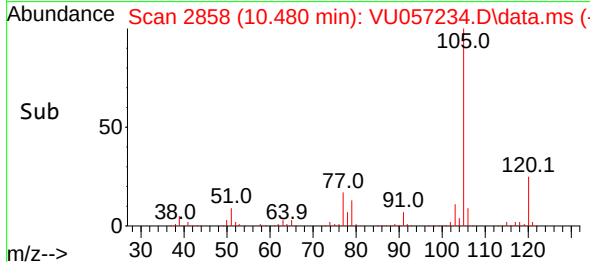
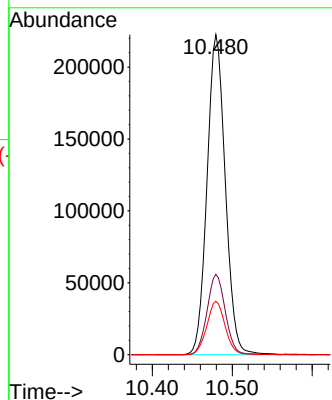
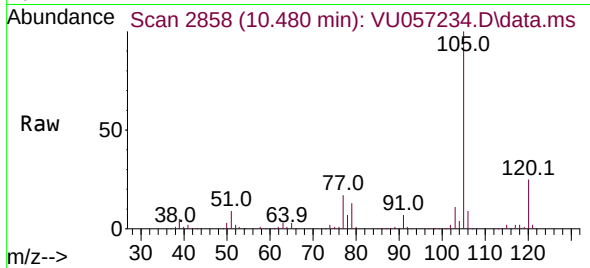




#60
Isopropylbenzene
Concen: 5.454 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

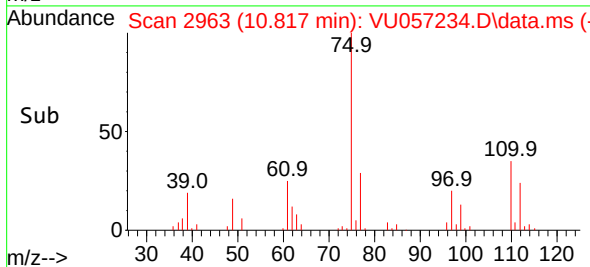
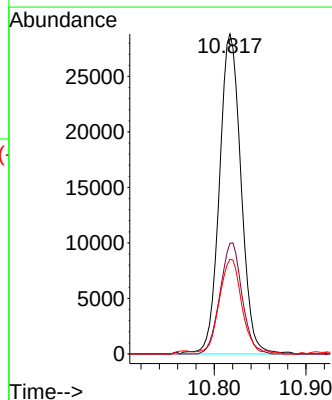
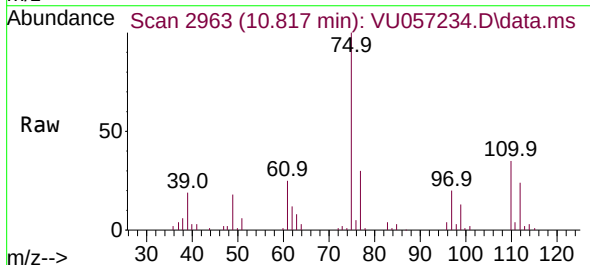
Instrument :
MSVOA_U
ClientSampleId :

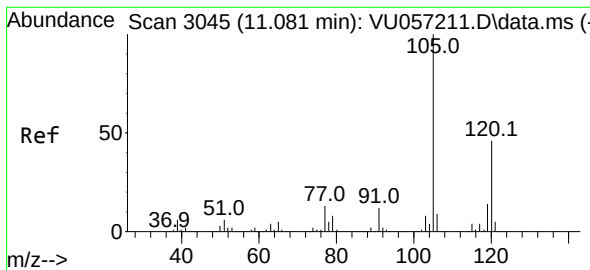
Tgt Ion:105 Resp: 353901
Ion Ratio Lower Upper
105 100
120 25.1 19.8 29.8
77 16.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 5.735 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Tgt Ion: 75 Resp: 47031
Ion Ratio Lower Upper
75 100
110 35.5 31.2 46.8
77 29.1 25.5 38.3

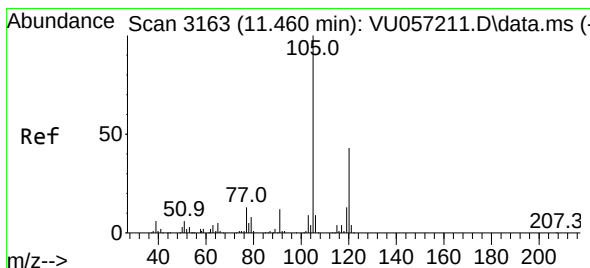
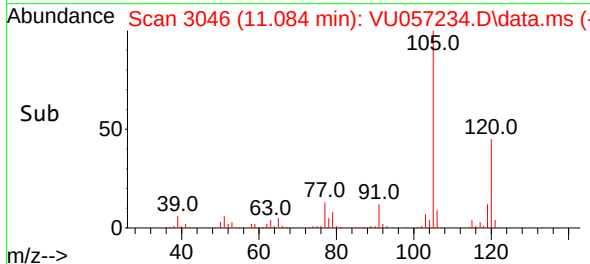
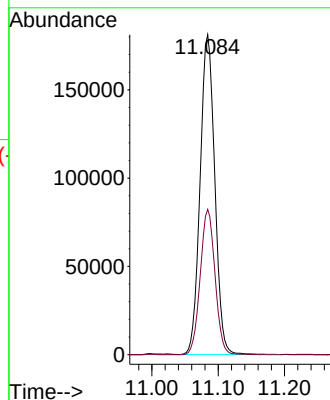
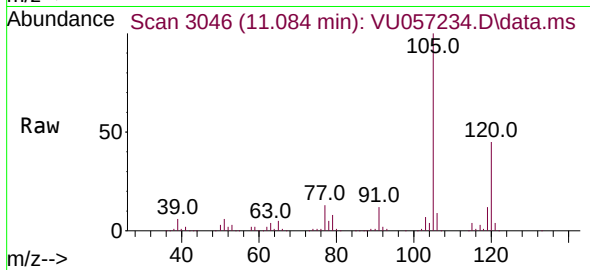




#62
1,3,5-Trimethylbenzene
Concen: 5.232 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

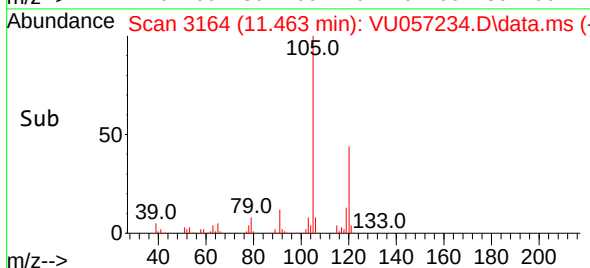
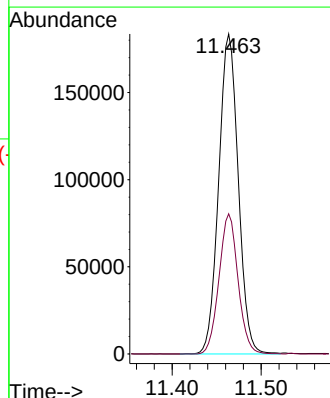
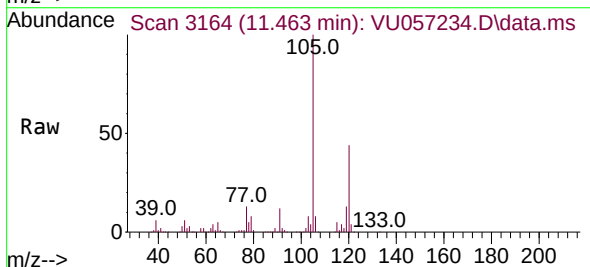
Instrument :
MSVOA_U
ClientSampleId :

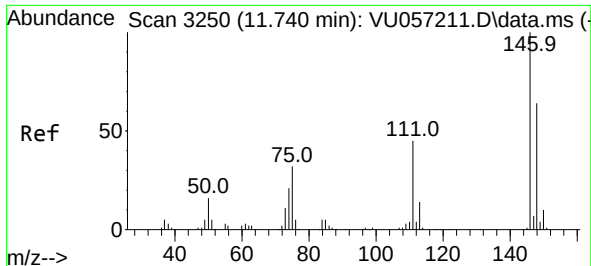
Tgt Ion:105 Resp: 278194
Ion Ratio Lower Upper
105 100
120 45.7 35.8 53.8



#63
1,2,4-Trimethylbenzene
Concen: 5.340 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

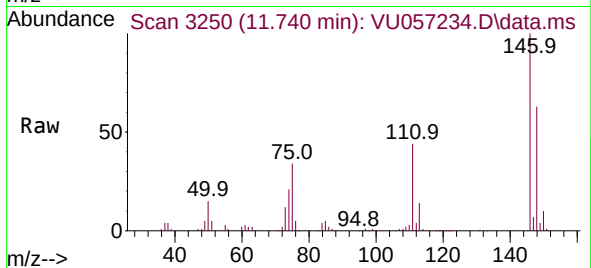
Tgt Ion:105 Resp: 280197
Ion Ratio Lower Upper
105 100
120 42.6 33.9 50.9



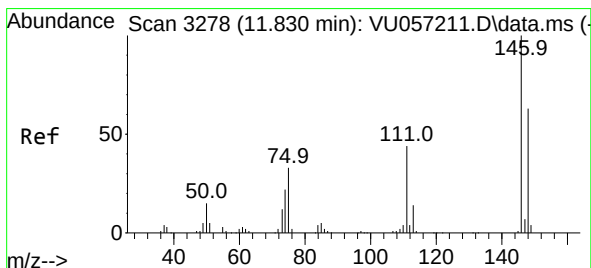
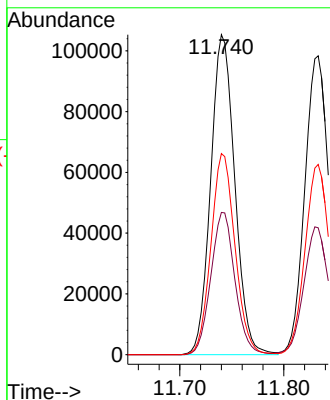
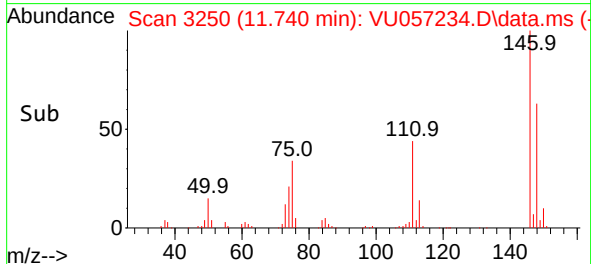


#64
1,3-Dichlorobenzene
Concen: 5.535 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

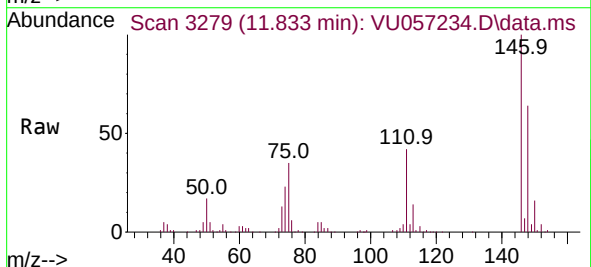
Instrument :
MSVOA_U
ClientSampleId :



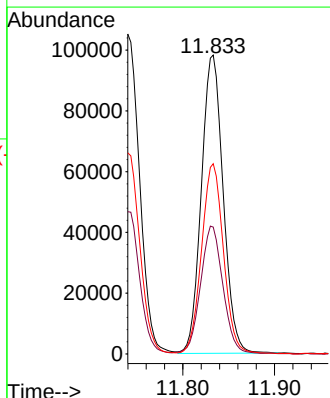
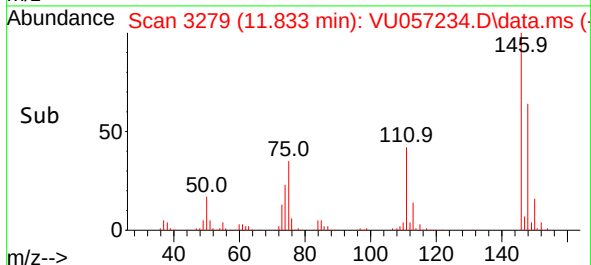
Tgt Ion:146 Resp: 169764
Ion Ratio Lower Upper
146 100
111 44.4 30.4 56.4
148 62.9 43.4 80.6

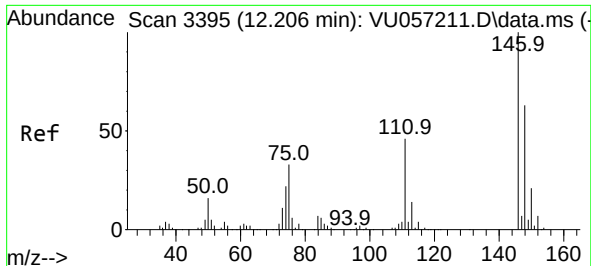


#65
1,4-Dichlorobenzene
Concen: 5.256 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09



Tgt Ion:146 Resp: 162280
Ion Ratio Lower Upper
146 100
111 42.4 28.1 52.3
148 63.7 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 5.393 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

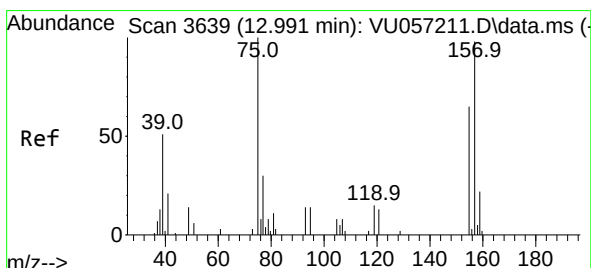
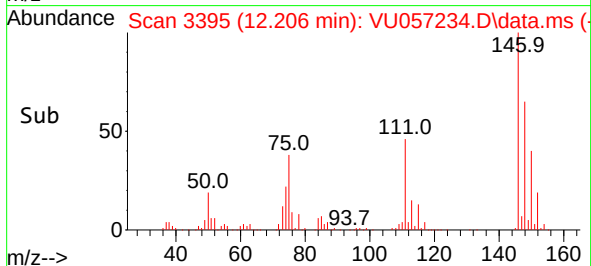
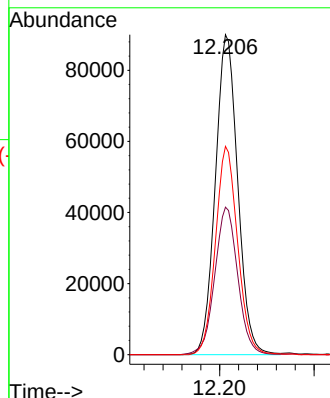
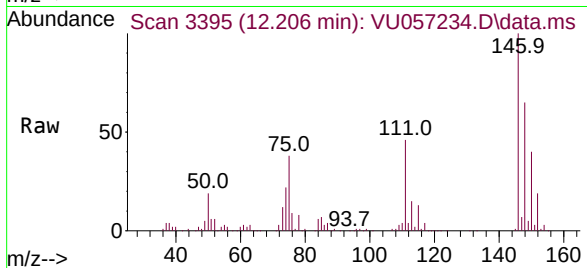
Tgt Ion:146 Resp: 147932

Ion Ratio Lower Upper

146 100

111 46.1 37.9 56.9

148 65.1 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.403 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057234.D

Acq: 26 Dec 2023 12:09

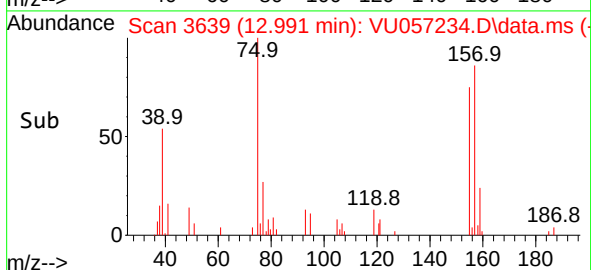
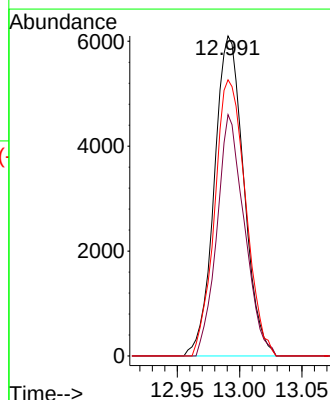
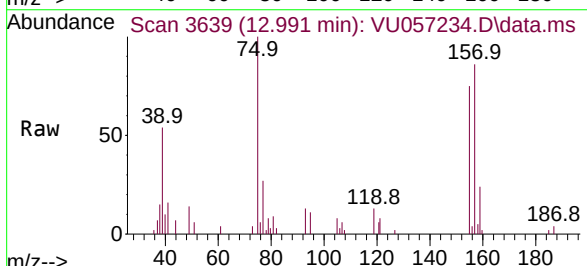
Tgt Ion: 75 Resp: 10050

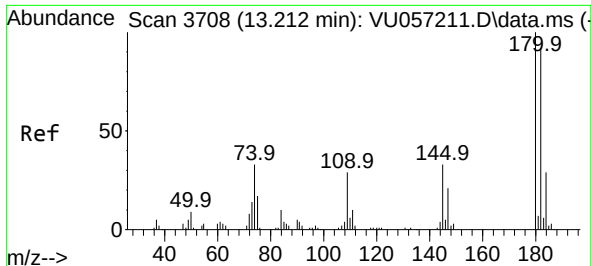
Ion Ratio Lower Upper

75 100

155 75.4 61.4 92.0

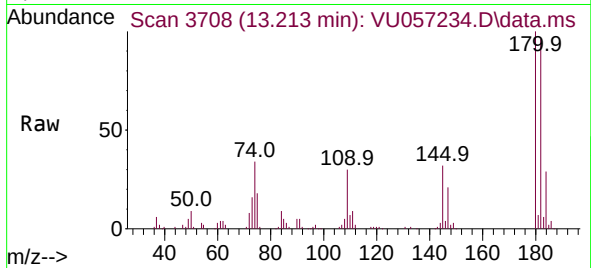
157 86.3 80.2 120.2



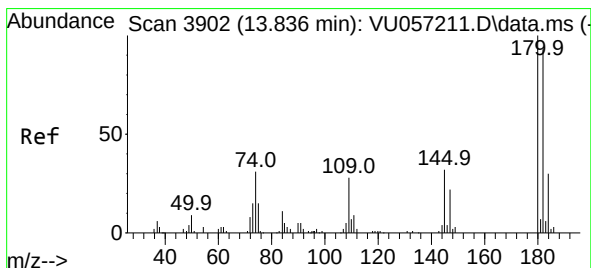
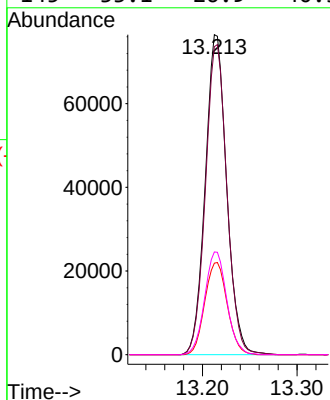
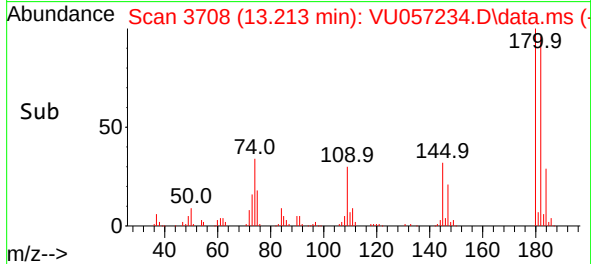


#69
 1,3,5-Trichlorobenzene
 Concen: 5.271 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057234.D
 Acq: 26 Dec 2023 12:09

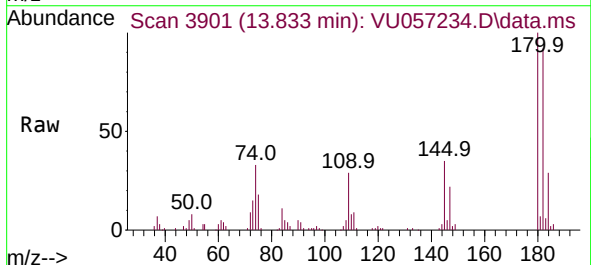
Instrument :
 MSVOA_U
 ClientSampleId :



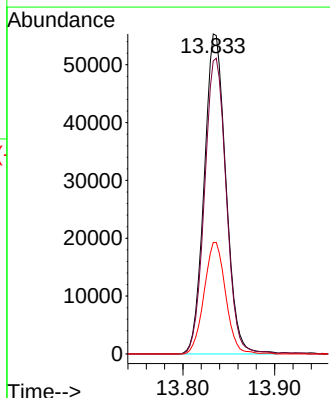
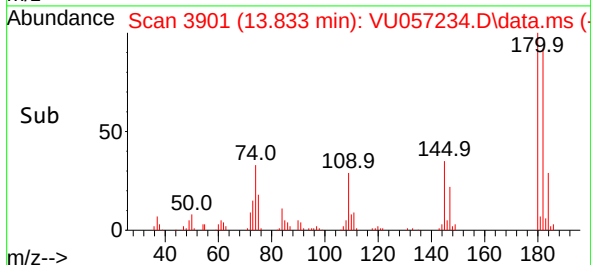
Tgt Ion:180 Resp: 120279
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.6 113.4
 184 30.2 24.2 36.2
 145 33.1 26.9 40.3

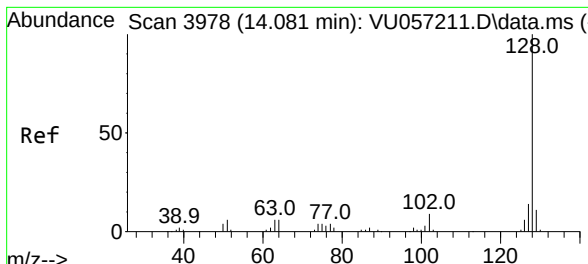


#70
 1,2,4-trichlorobenzene
 Concen: 5.088 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU057234.D
 Acq: 26 Dec 2023 12:09



Tgt Ion:180 Resp: 90907
 Ion Ratio Lower Upper
 180 100
 182 92.5 75.4 113.0
 145 34.5 27.7 41.5

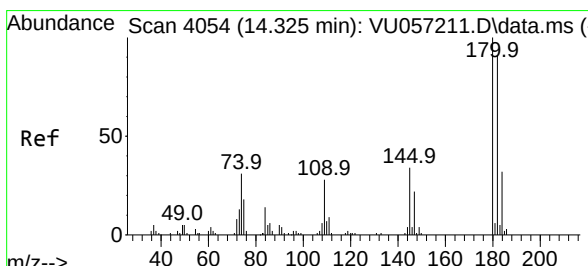
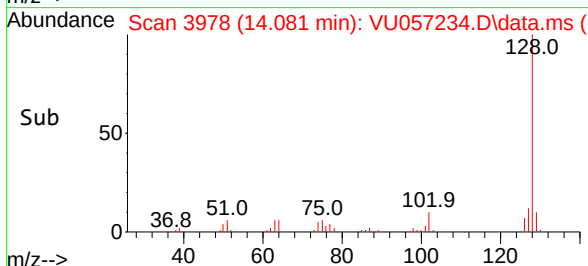
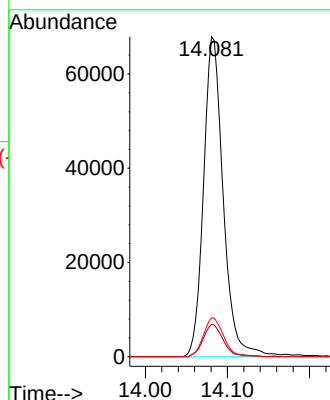
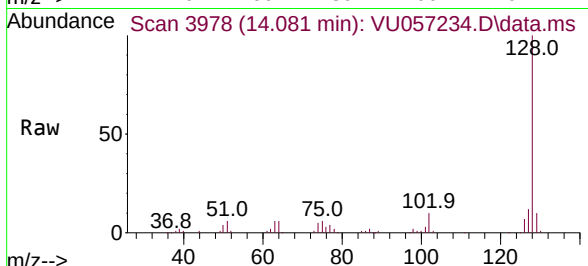




#71
Naphthalene
Concen: 5.002 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 113045
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 12.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.066 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057234.D
Acq: 26 Dec 2023 12:09

Tgt Ion:180 Resp: 70606
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.4
145 36.6 28.9 43.3

