

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057331.D
 Acq On : 28 Dec 2023 13:10
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 20:49:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	243239	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240764	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	121310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	105702	5.055	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.911	69	89670	5.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.560	65	41986	5.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	4.637	46	212993	44.972	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.940%
24) Chloroform-d	5.055	84	189925	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.695	65	91263	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.721	84	346720	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.682	67	109359	5.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.891	98	303706	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.174	79	40487	4.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.631	63	164398	42.063	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83077	4.600	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	102223	4.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	92484	5.238	ug/L	98
3) Chloromethane	1.515	50	107404	5.486	ug/L	98
5) Vinyl chloride	1.602	62	108074	5.323	ug/L	99
6) Bromomethane	1.853	94	51240	5.351	ug/L	97
8) Chloroethane	1.933	64	69854	5.307	ug/L	98
9) Trichlorofluoromethane	2.133	101	152964	5.229	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	94040	5.315	ug/L	100
12) 1,1-Dichloroethene	2.573	96	82337	5.180	ug/L	96
13) Acetone	2.660	43	121928	39.500	ug/L	98
14) Carbon disulfide	2.789	76	230215	5.078	ug/L	100
15) Methyl Acetate	2.956	43	34871	4.961	ug/L	99
16) Methylene chloride	3.039	84	118674	5.784	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	183506	4.573	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	79639	5.048	ug/L	95
19) 1,1-Dichloroethane	3.863	63	169538	5.114	ug/L	97
21) 2-Butanone	4.718	43	191069	43.339	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	87439	4.795	ug/L	96
23) Bromochloromethane	4.969	128	39051	4.790	ug/L	96
25) Chloroform	5.081	83	179237	5.126	ug/L	99

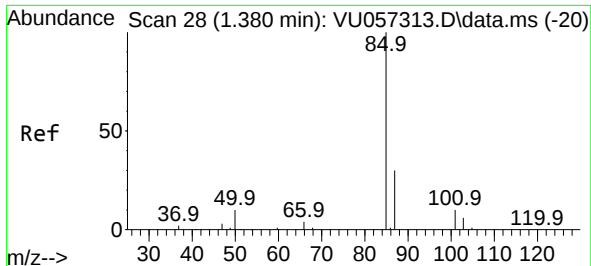
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	99467	4.539	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	153146	5.022	ug/L	99
30) Cyclohexane	5.380	56	118516	5.211	ug/L	98
31) Carbon tetrachloride	5.518	117	131268	5.131	ug/L	100
33) Benzene	5.769	78	354668	5.114	ug/L	100
34) Trichloroethene	6.534	95	95918	5.190	ug/L	98
35) Methylcyclohexane	6.756	83	123009	5.095	ug/L	99
37) 1,2-Dichloropropane	6.785	63	99809	5.172	ug/L	99
38) Bromodichloromethane	7.100	83	122597	4.925	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	127863	4.846	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	432092	43.946	ug/L	99
42) Toluene	7.965	91	376094	5.036	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	109440	4.757	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	65993	4.695	ug/L	99
47) Tetrachloroethene	8.547	164	66146	5.065	ug/L	97
48) 2-Hexanone	8.679	43	322423	44.476	ug/L	99
49) Dibromochloromethane	8.804	129	74001	4.623	ug/L	97
50) 1,2-Dibromoethane	8.920	107	58588	4.644	ug/L #	100
51) Chlorobenzene	9.441	112	228658	5.037	ug/L	99
52) Ethylbenzene	9.563	91	382646	5.134	ug/L	98
53) m,p-Xylene	9.689	106	143611	5.061	ug/L	97
54) o-Xylene	10.094	106	137325	5.090	ug/L	97
55) Styrene	10.110	104	238246	5.245	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	82001	4.715	ug/L	100
59) Bromoform	10.284	173	41979	4.419	ug/L	99
60) Isopropylbenzene	10.480	105	381034	5.122	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	52243	4.124	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	289580	4.974	ug/L	98
63) 1,2,4-Trimethylbenzene	11.464	105	289780	5.006	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	182195	5.096	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	176078	4.839	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	160829	4.680	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	12124	4.353	ug/L	98
69) 1,3,5-Trichlorobenzene	13.213	180	123847	4.838	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	94060	4.631	ug/L	98
71) Naphthalene	14.084	128	125415	3.950	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	77688	4.388	ug/L	98

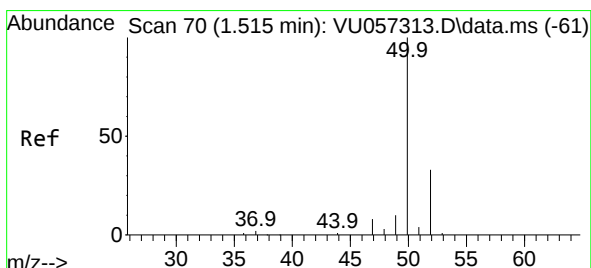
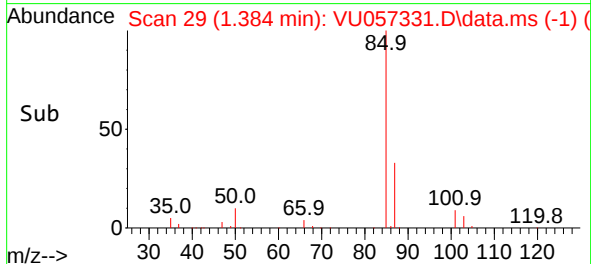
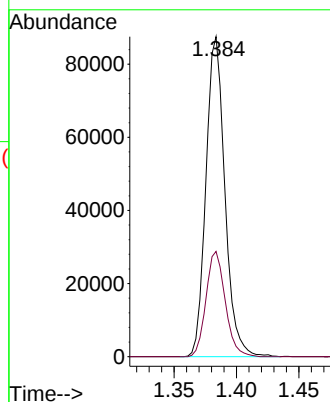
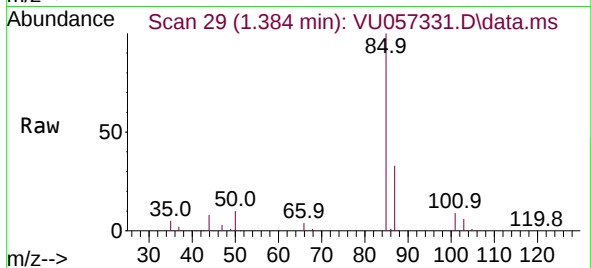
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#2
Dichlorodifluoromethane
Concen: 5.238 ug/L
RT: 1.384 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

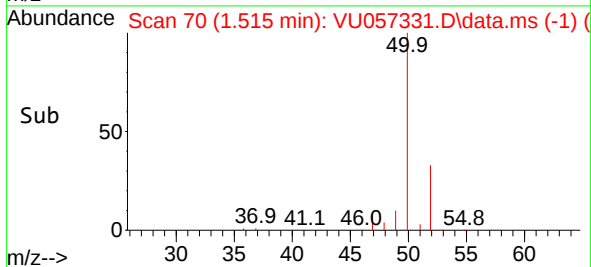
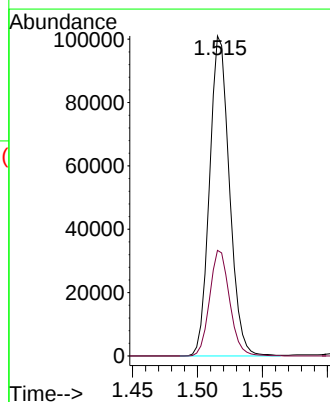
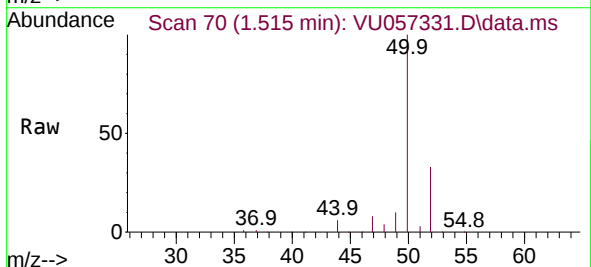
Instrument :
MSVOA_U
ClientSampleId :

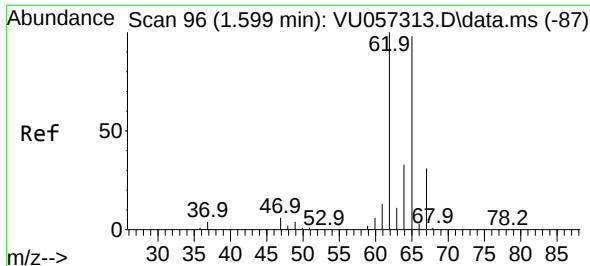
Tgt Ion: 85 Resp: 92484
Ion Ratio Lower Upper
85 100
87 33.4 25.9 38.9



#3
Chloromethane
Concen: 5.486 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 50 Resp: 107404
Ion Ratio Lower Upper
50 100
52 33.0 22.5 41.7

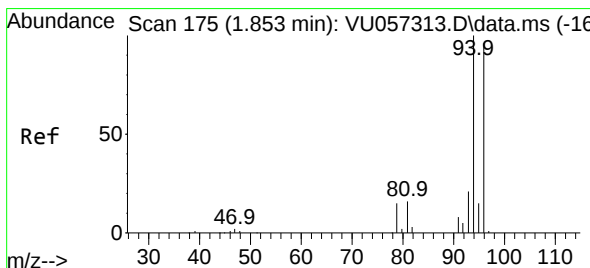
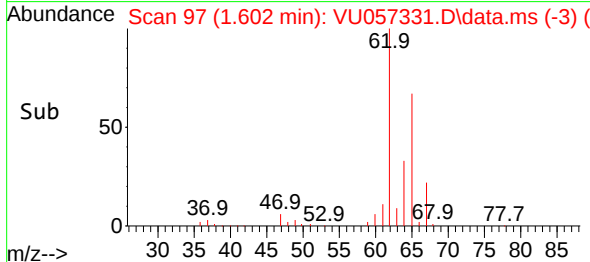
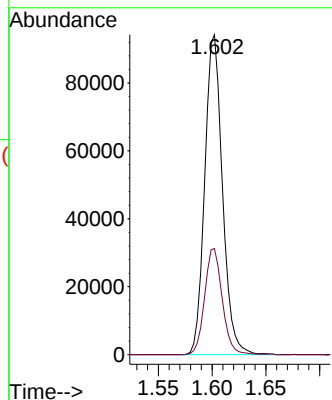
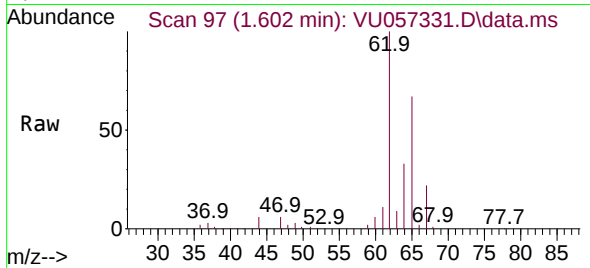




#5
 Vinyl chloride
 Concen: 5.323 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU057331.D
 Acq: 28 Dec 2023 13:10

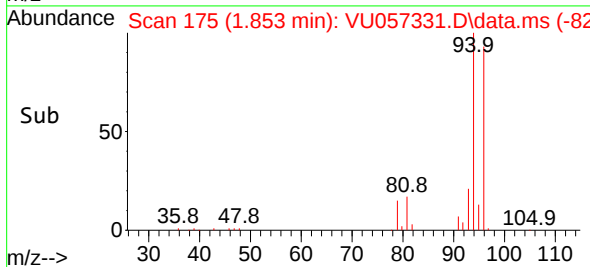
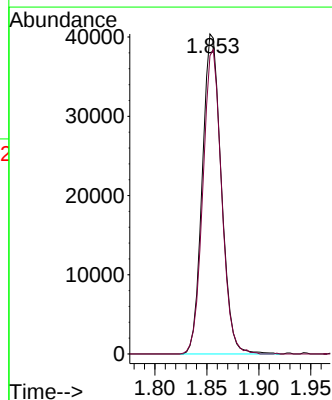
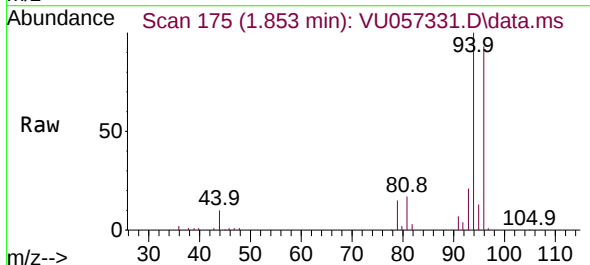
Instrument :
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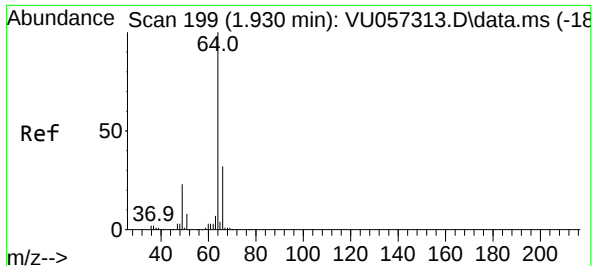
Tgt Ion: 62 Resp: 108074
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.8 42.4



#6
 Bromomethane
 Concen: 5.351 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU057331.D
 Acq: 28 Dec 2023 13:10

Tgt Ion: 94 Resp: 51240
 Ion Ratio Lower Upper
 94 100
 96 93.2 67.3 125.1





#8

Chloroethane

Concen: 5.307 ug/L

RT: 1.933 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

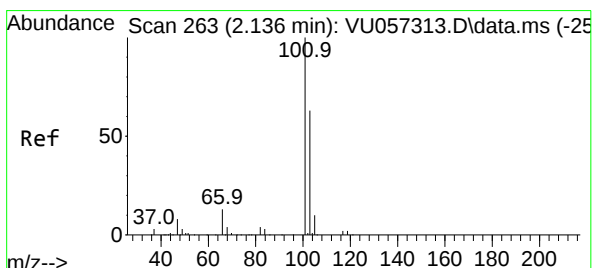
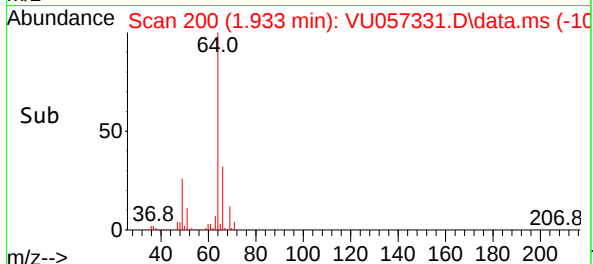
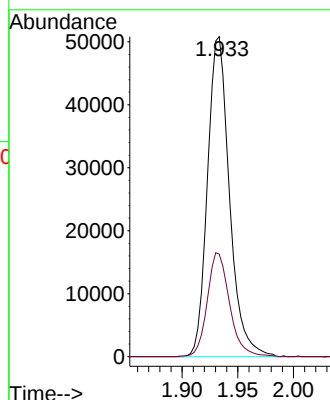
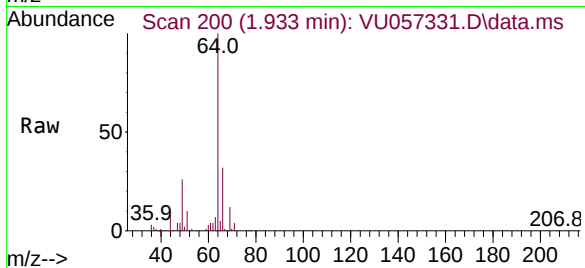
ClientSampleId :

Tgt Ion: 64 Resp: 69854

Ion Ratio Lower Upper

64 100

66 32.1 23.3 43.3



#9

Trichlorofluoromethane

Concen: 5.229 ug/L

RT: 2.133 min Scan# 262

Delta R.T. -0.003 min

Lab File: VU057331.D

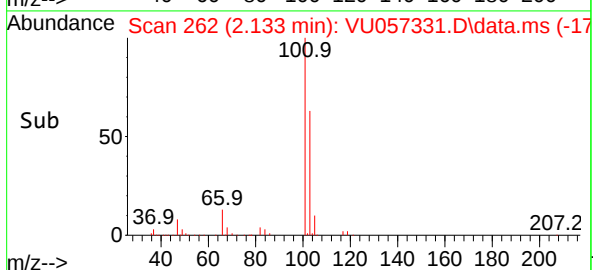
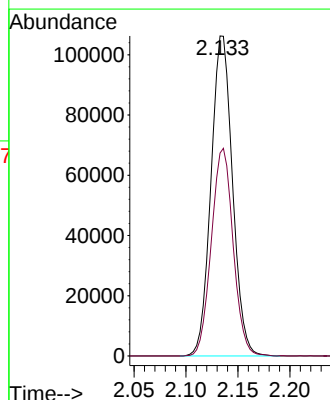
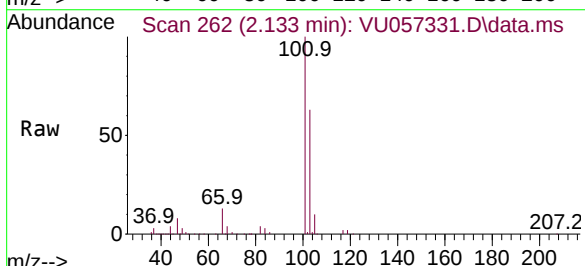
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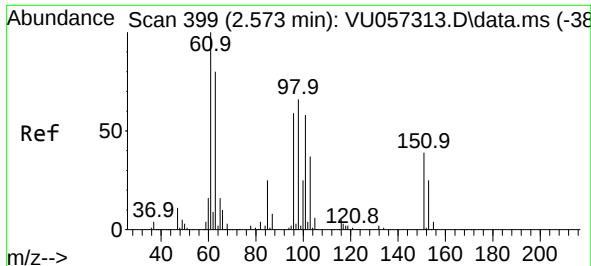
Tgt Ion:101 Resp: 152964

Ion Ratio Lower Upper

101 100

103 65.6 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.315 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU057331.D

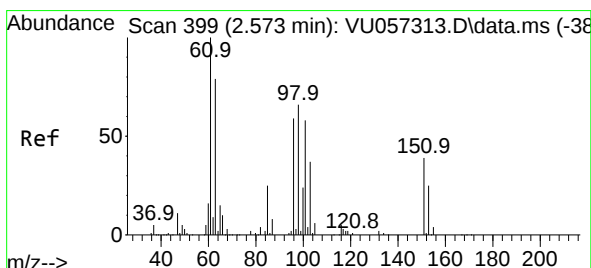
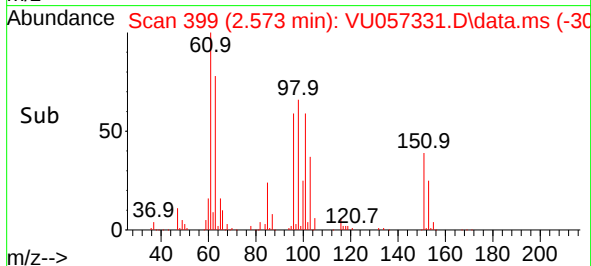
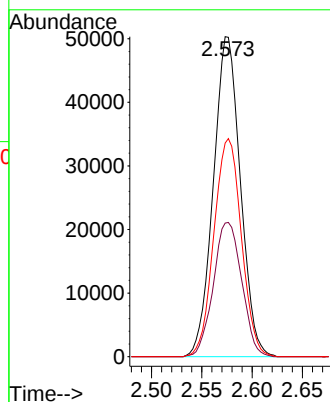
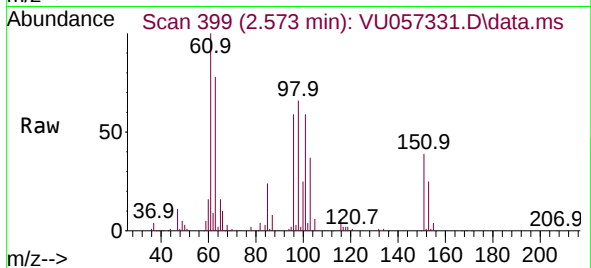
Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	94040
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.1	52.7
151	69.3	55.8	83.6



#12

1,1-Dichloroethene

Concen: 5.180 ug/L

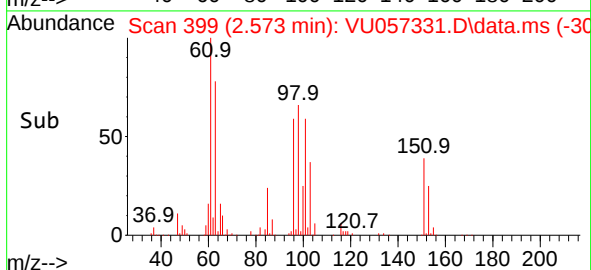
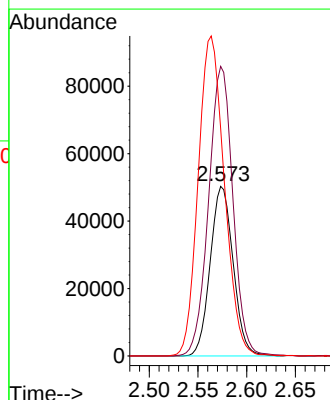
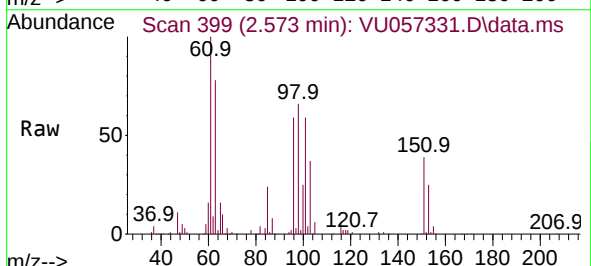
RT: 2.573 min Scan# 399

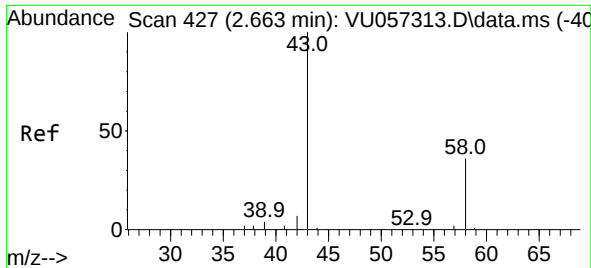
Delta R.T. 0.000 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Tgt Ion:	96	Resp:	82337
Ion Ratio	Lower	Upper	
96	100		
61	170.7	122.2	226.9
63	134.0	99.2	184.2





#13

Acetone

Concen: 39.500 ug/L

RT: 2.660 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

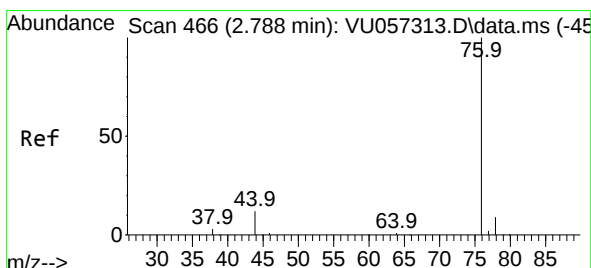
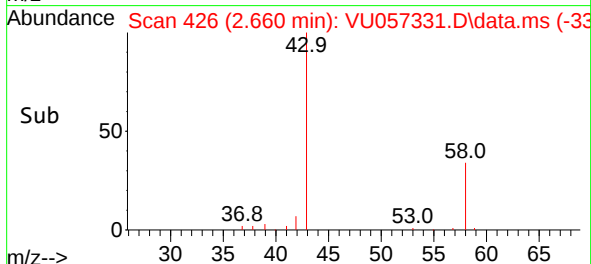
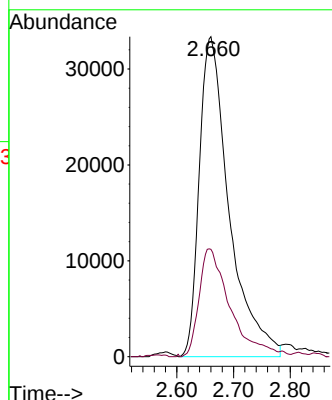
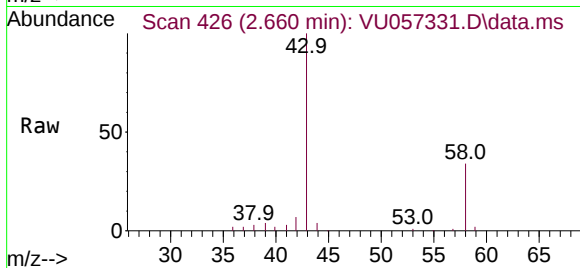
ClientSampleId :

Tgt Ion: 43 Resp: 121928

Ion Ratio Lower Upper

43 100

58 34.8 0.0 67.2



#14

Carbon disulfide

Concen: 5.078 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057331.D

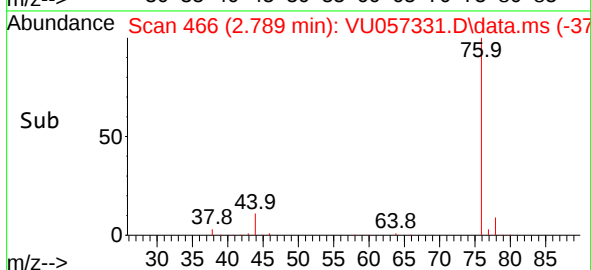
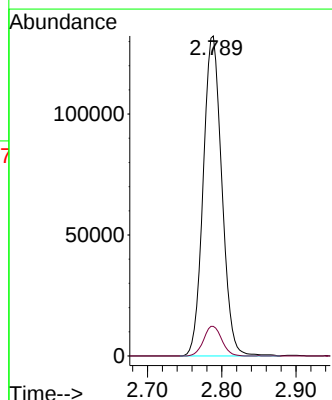
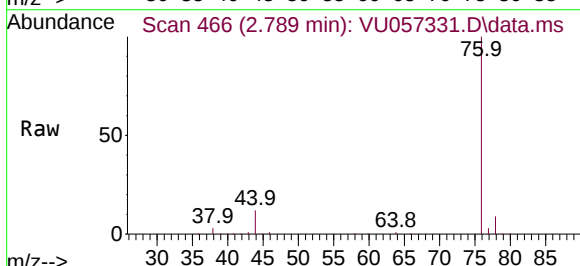
Acq: 28 Dec 2023 13:10

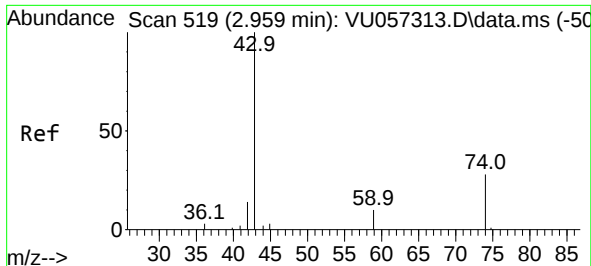
Tgt Ion: 76 Resp: 230215

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

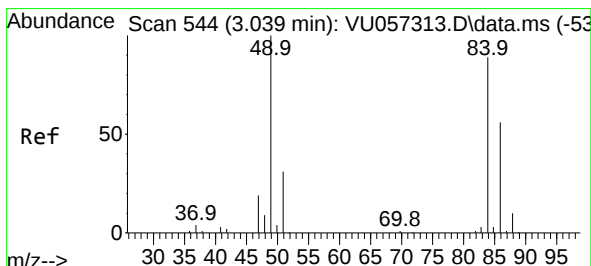
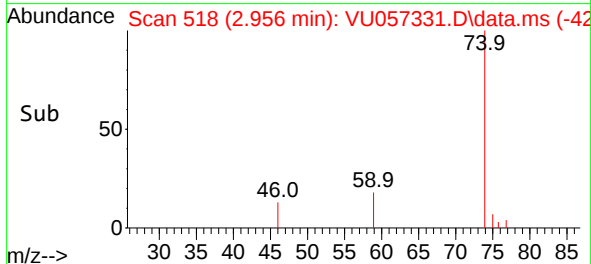
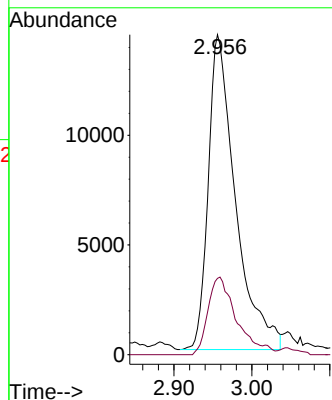
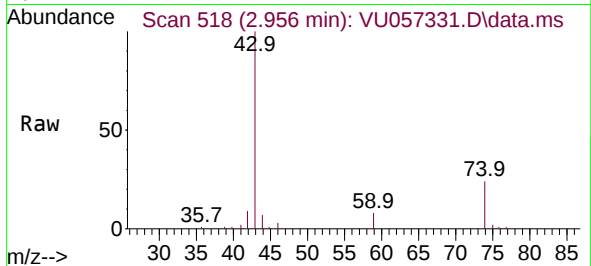




#15
Methyl Acetate
Concen: 4.961 ug/L
RT: 2.956 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

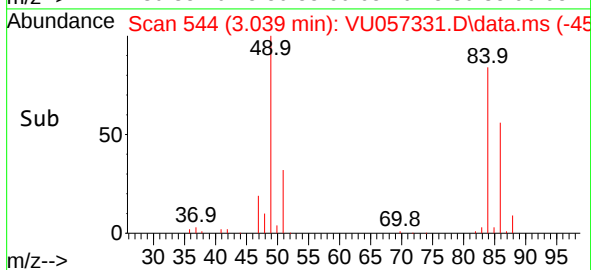
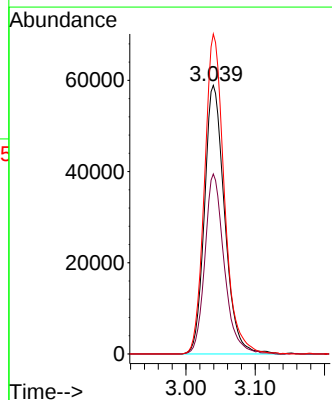
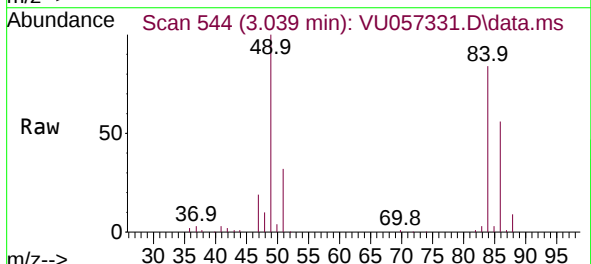
Instrument :
MSVOA_U
ClientSampleId :

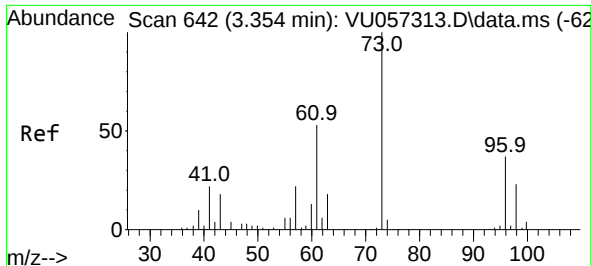
Tgt Ion: 43 Resp: 34871
Ion Ratio Lower Upper
43 100
74 25.9 20.5 30.7



#16
Methylene chloride
Concen: 5.784 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 84 Resp: 118674
Ion Ratio Lower Upper
84 100
86 67.0 43.8 81.3
49 119.1 83.2 154.4

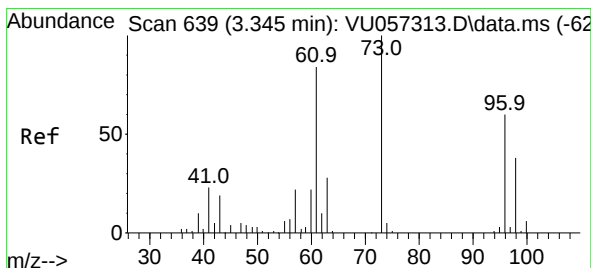
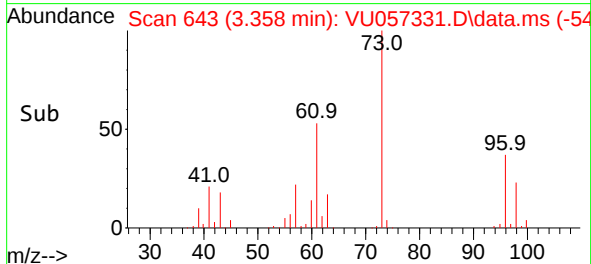
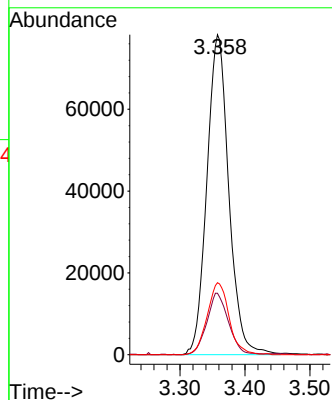
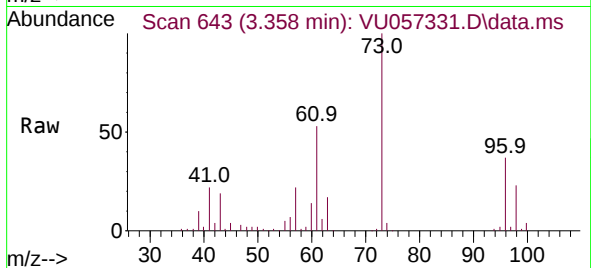




#17
Methyl tert-butyl Ether
Concen: 4.573 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

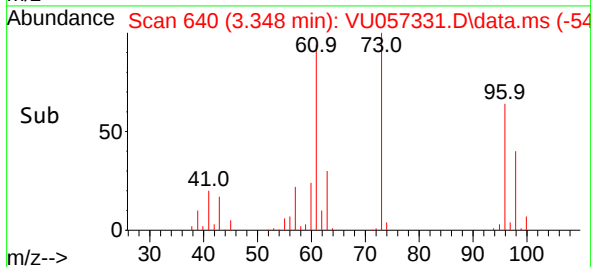
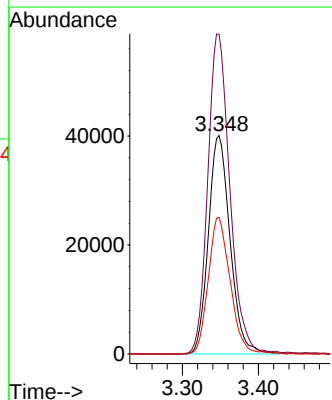
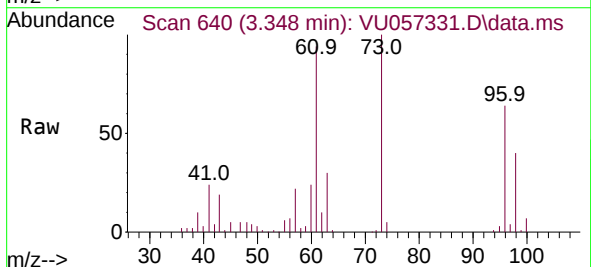
Instrument :
MSVOA_U
ClientSampleId :

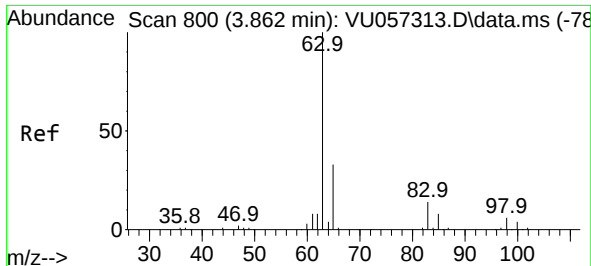
Tgt Ion: 73 Resp: 183506
Ion Ratio Lower Upper
73 100
43 19.0 15.2 22.8
57 22.4 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.048 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

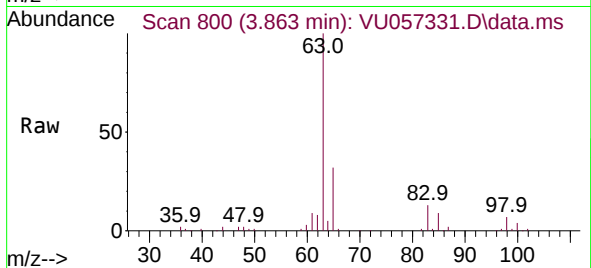
Tgt Ion: 96 Resp: 79639
Ion Ratio Lower Upper
96 100
61 146.4 97.5 181.1
98 62.6 45.9 85.3



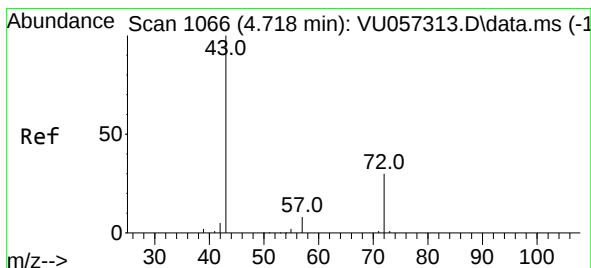
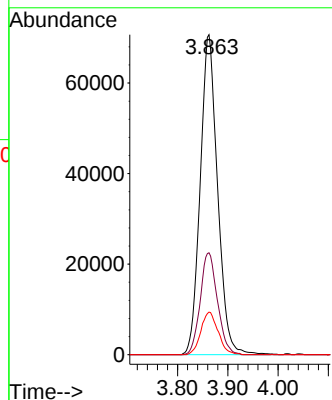
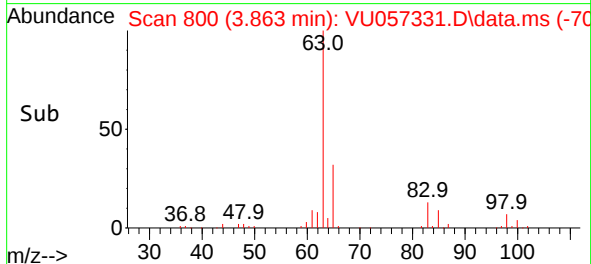


#19
1,1-Dichloroethane
Concen: 5.114 ug/L
RT: 3.863 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Instrument :
MSVOA_U
ClientSampleId :

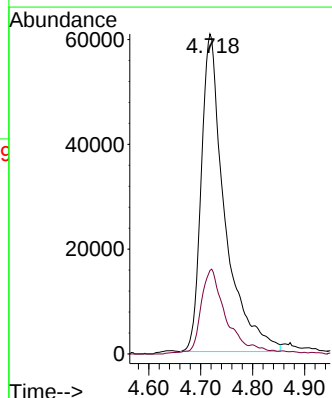
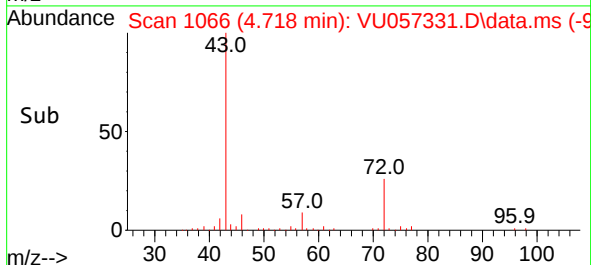
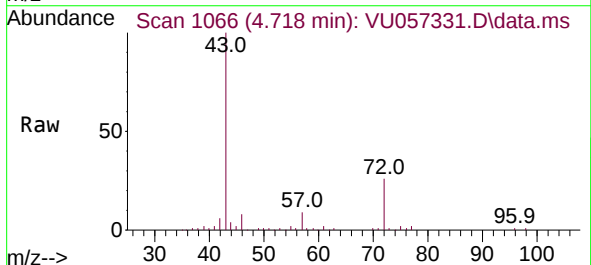


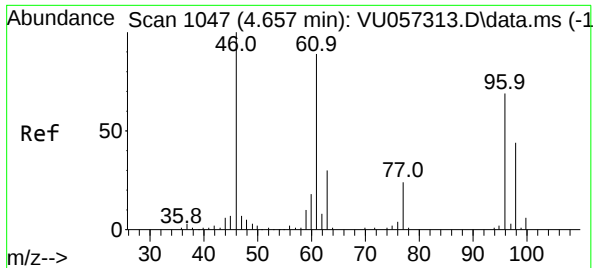
Tgt Ion: 63 Resp: 169538
Ion Ratio Lower Upper
63 100
65 31.9 23.6 43.8
83 13.3 9.8 18.2



#21
2-Butanone
Concen: 43.339 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 43 Resp: 191069
Ion Ratio Lower Upper
43 100
72 27.1 14.3 42.9

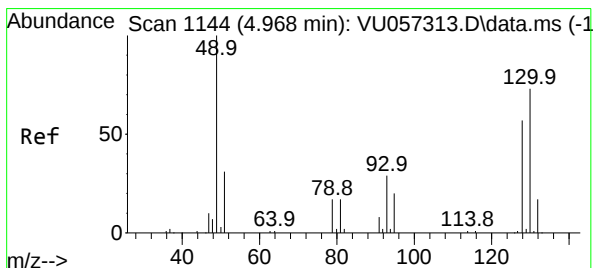
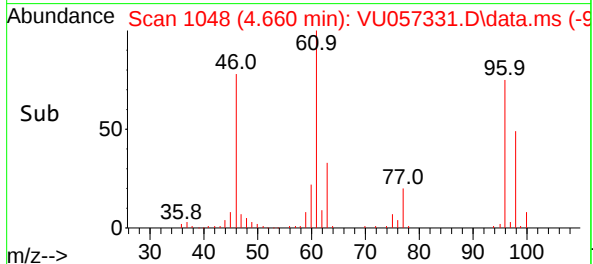
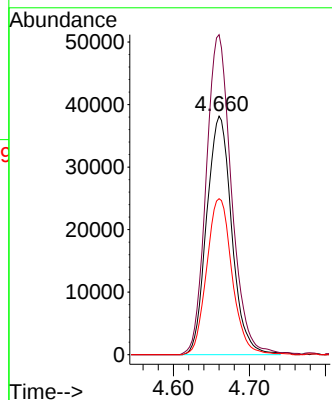
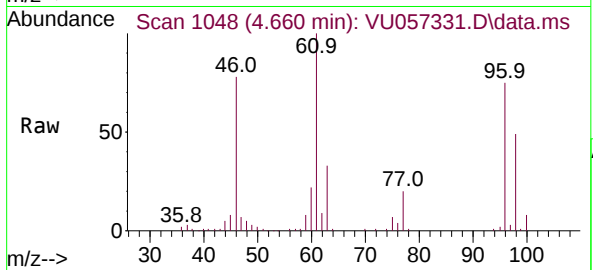




#22
 cis-1,2-Dichloroethene
 Concen: 4.795 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU057331.D
 Acq: 28 Dec 2023 13:10

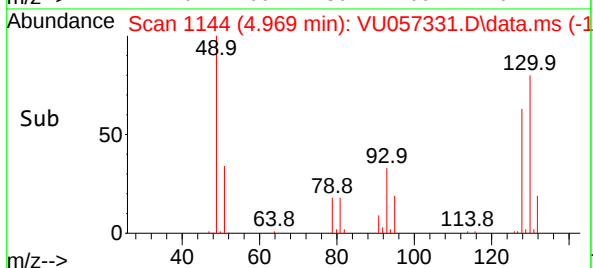
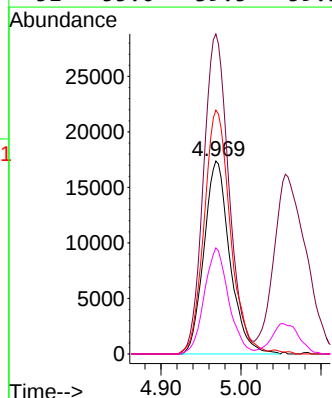
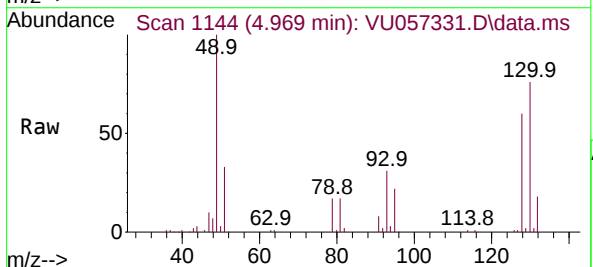
Instrument :
 MSVOA_U
 ClientSampleId :

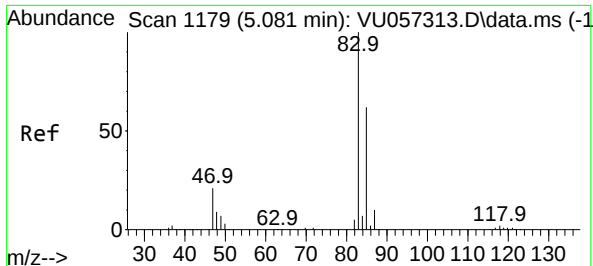
Tgt Ion: 96 Resp: 87439
 Ion Ratio Lower Upper
 96 100
 61 134.1 91.1 169.3
 98 65.4 42.6 79.0



#23
 Bromochloromethane
 Concen: 4.790 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057331.D
 Acq: 28 Dec 2023 13:10

Tgt Ion: 128 Resp: 39051
 Ion Ratio Lower Upper
 128 100
 49 165.9 113.1 210.1
 130 126.4 91.6 170.2
 51 55.0 39.5 59.3





#25

Chloroform

Concen: 5.126 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

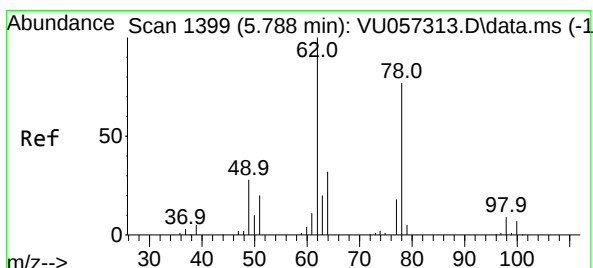
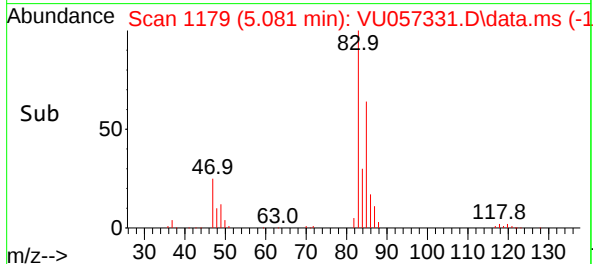
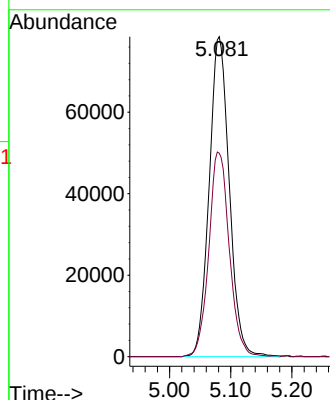
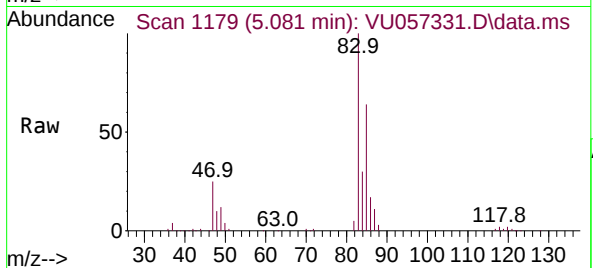
ClientSampleId :

Tgt Ion: 83 Resp: 179237

Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.539 ug/L

RT: 5.789 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057331.D

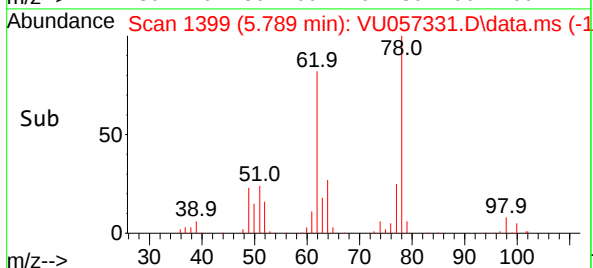
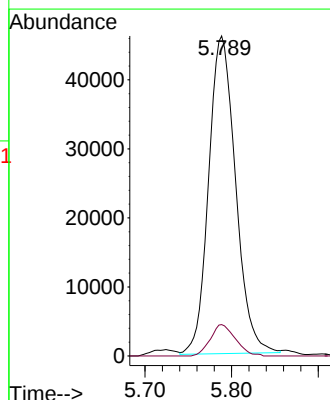
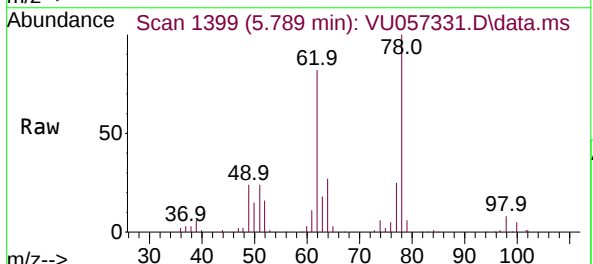
Acq: 28 Dec 2023 13:10

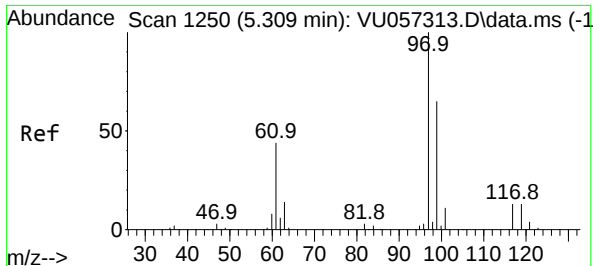
Tgt Ion: 62 Resp: 99467

Ion Ratio Lower Upper

62 100

98 9.8 7.0 10.6

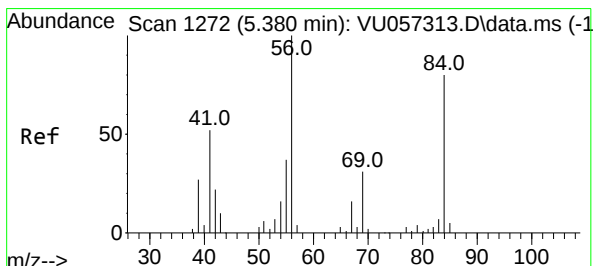
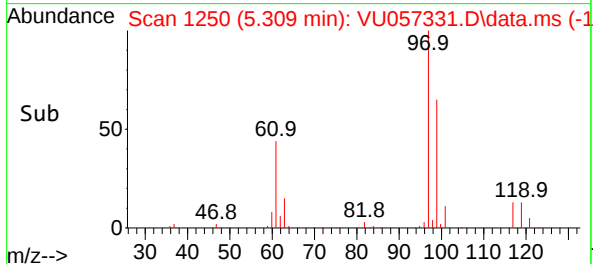
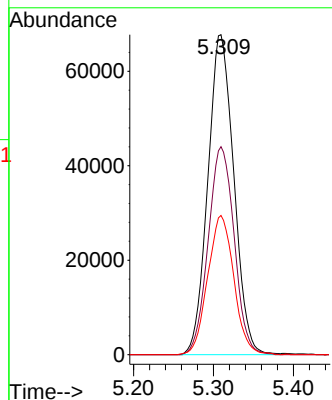
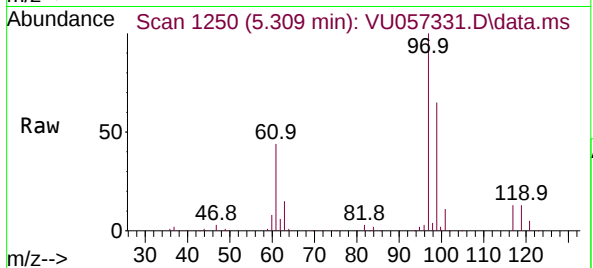




#29
1,1,1-Trichloroethane
Concen: 5.022 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

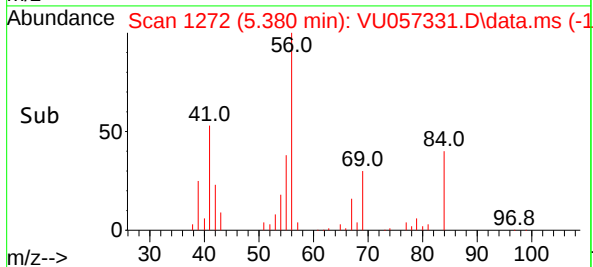
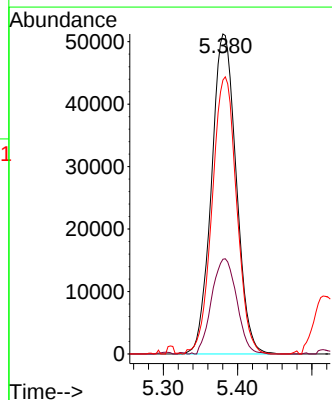
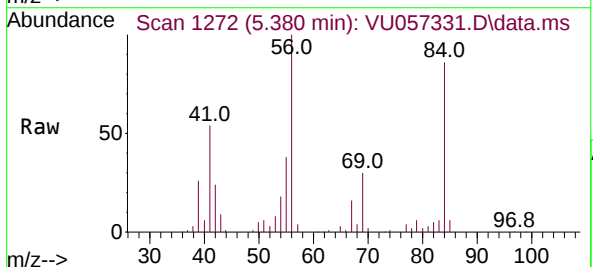
Instrument :
MSVOA_U
ClientSampleId :

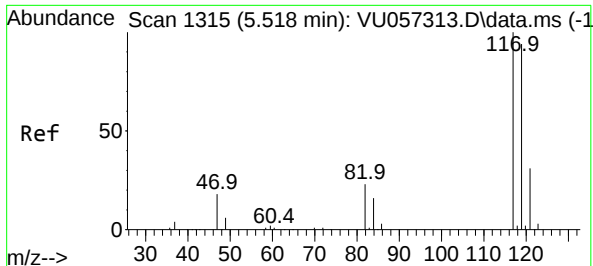
Tgt Ion: 97 Resp: 153146
Ion Ratio Lower Upper
97 100
99 65.0 51.7 77.5
61 43.8 34.1 51.1



#30
Cyclohexane
Concen: 5.211 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 56 Resp: 118516
Ion Ratio Lower Upper
56 100
69 30.1 26.2 39.4
84 85.6 69.4 104.2

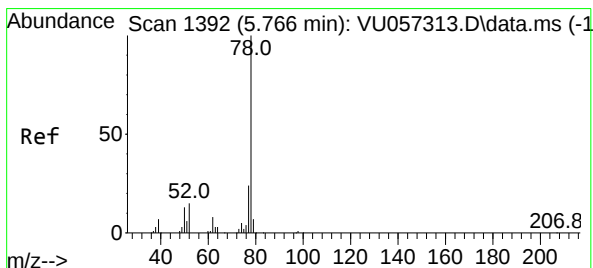
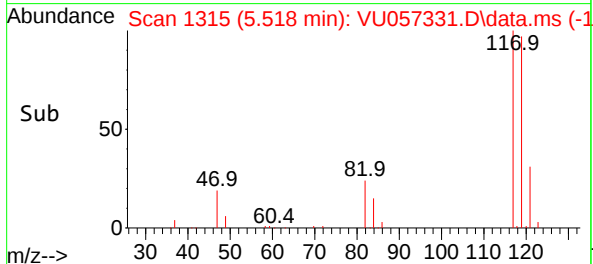
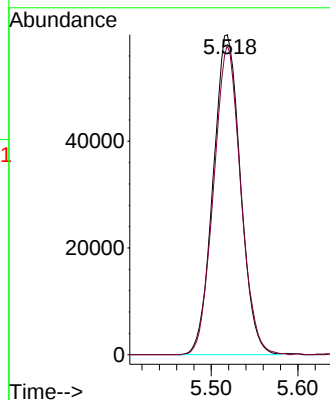
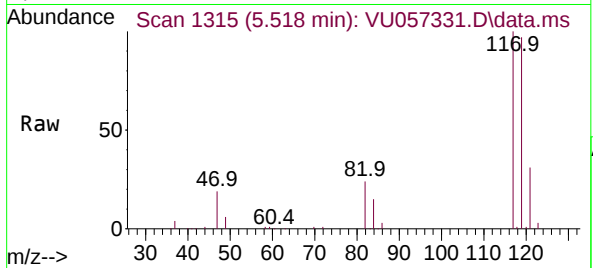




#31
Carbon tetrachloride
Concen: 5.131 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

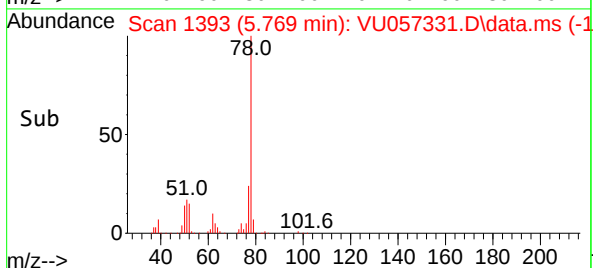
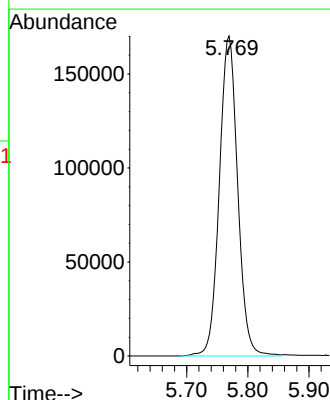
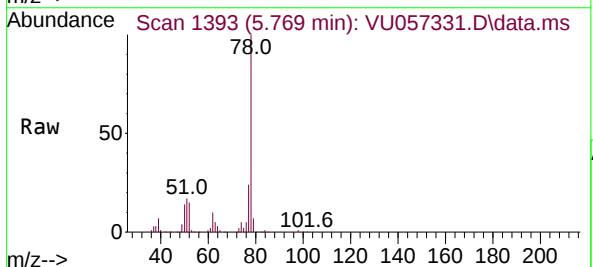
Instrument :
MSVOA_U
ClientSampleId :

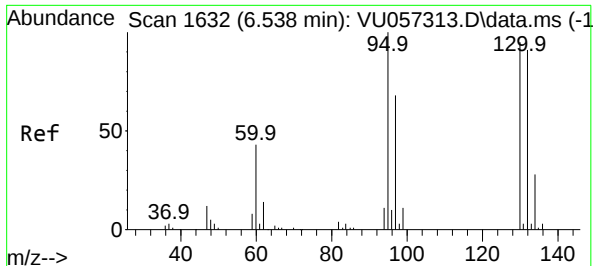
Tgt Ion:117 Resp: 131268
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1



#33
Benzene
Concen: 5.114 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 78 Resp: 354668

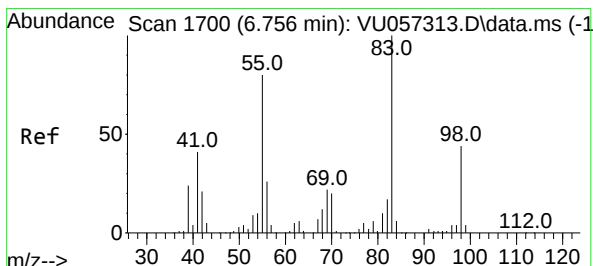
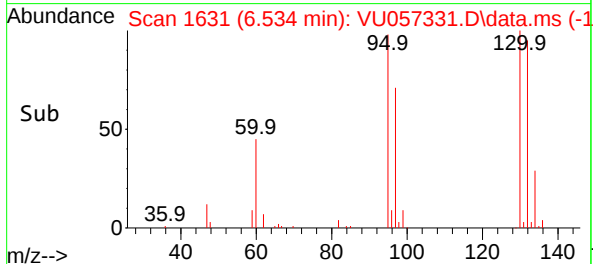
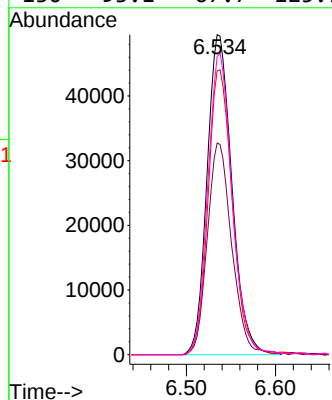
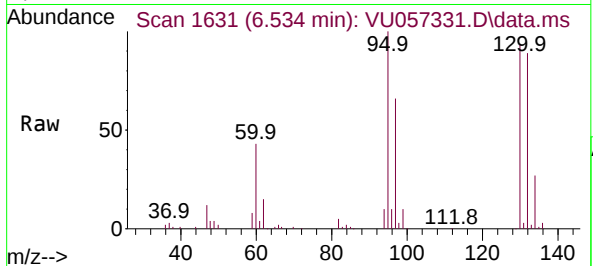




#34
Trichloroethene
Concen: 5.190 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

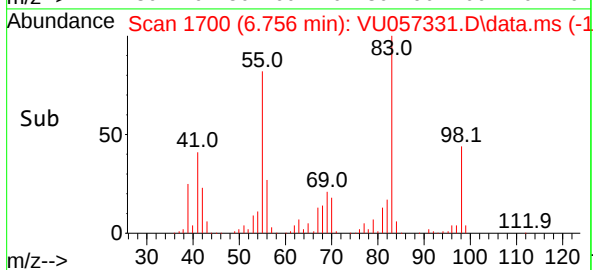
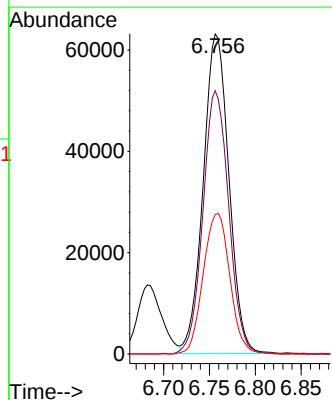
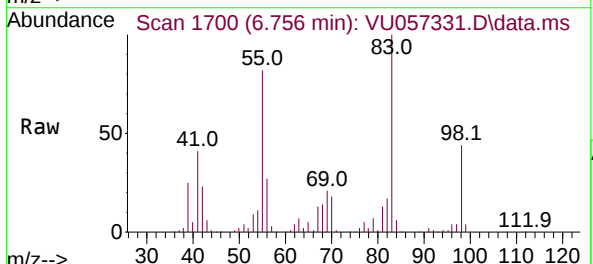
Instrument :
MSVOA_U
ClientSampleId :

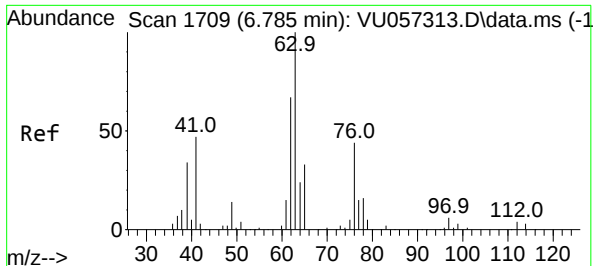
Tgt Ion: 95 Resp: 95918
Ion Ratio Lower Upper
95 100
97 66.2 45.3 84.1
132 88.7 63.1 117.3
130 93.1 67.7 125.7



#35
Methylcyclohexane
Concen: 5.095 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 83 Resp: 123009
Ion Ratio Lower Upper
83 100
55 82.7 65.4 98.2
98 45.5 35.3 52.9

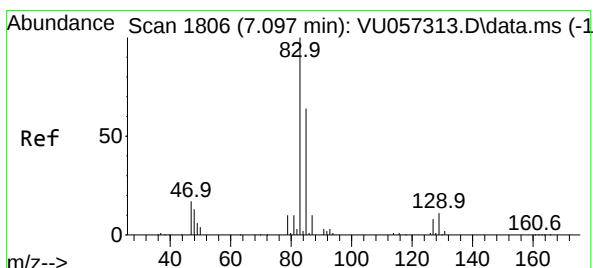
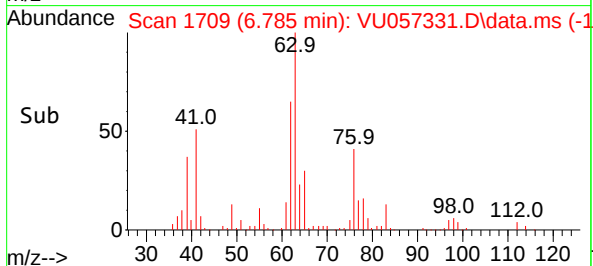
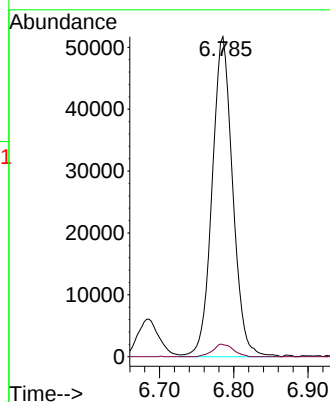
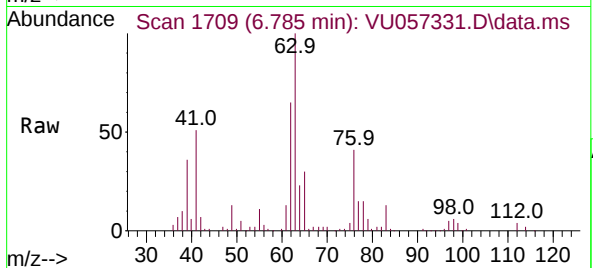




#37
1,2-Dichloropropane
Concen: 5.172 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

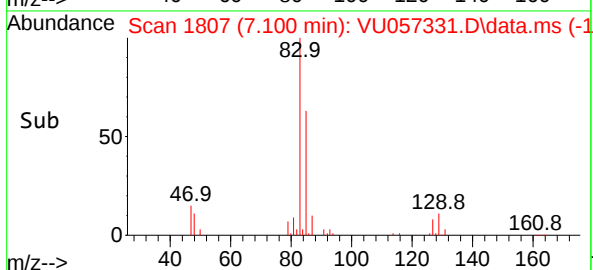
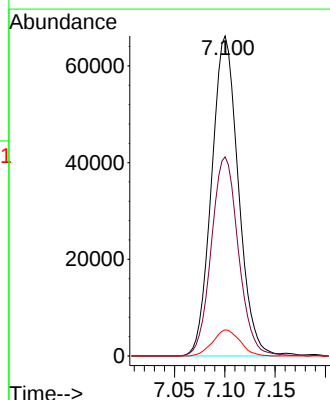
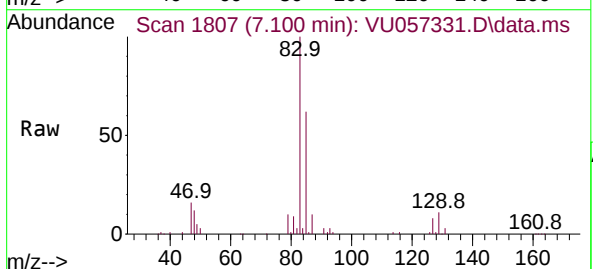
Instrument :
MSVOA_U
ClientSampleId :

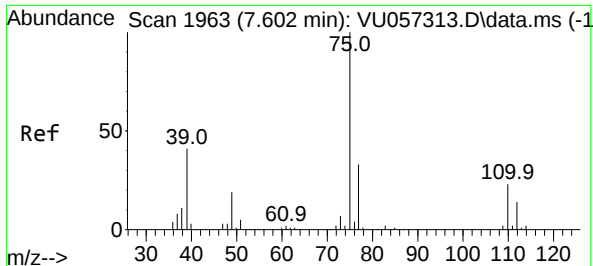
Tgt Ion: 63 Resp: 99809
Ion Ratio Lower Upper
63 100
112 3.9 2.9 4.3



#38
Bromodichloromethane
Concen: 4.925 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 83 Resp: 122597
Ion Ratio Lower Upper
83 100
85 62.2 42.6 79.0
127 8.2 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.846 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

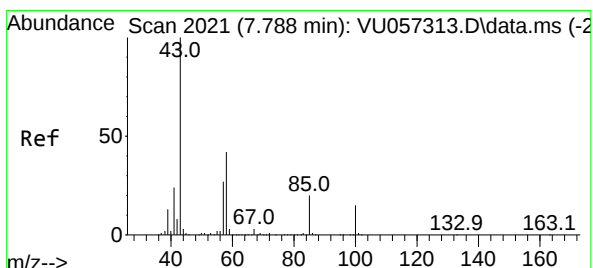
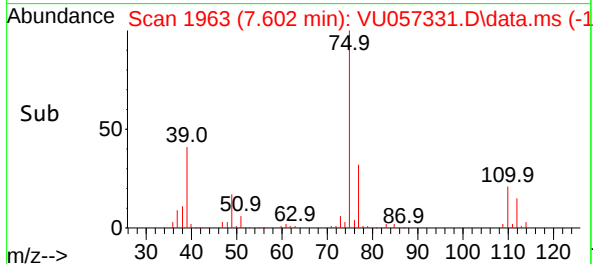
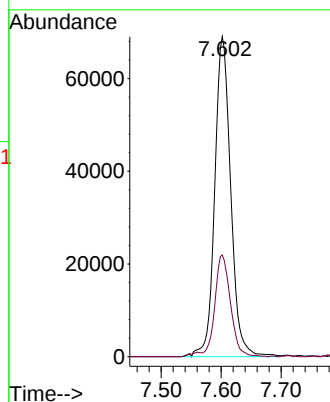
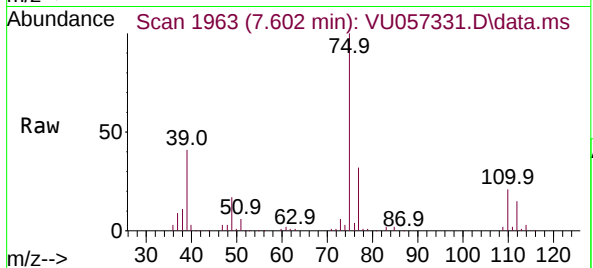
ClientSampleId :

Tgt Ion: 75 Resp: 127863

Ion Ratio Lower Upper

75 100

77 31.8 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 43.946 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

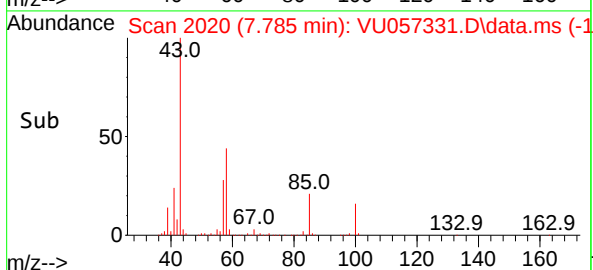
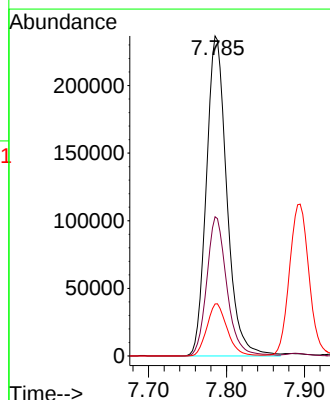
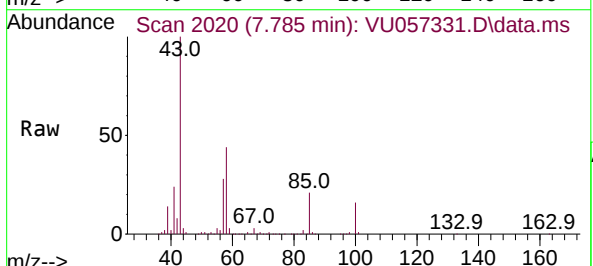
Tgt Ion: 43 Resp: 432092

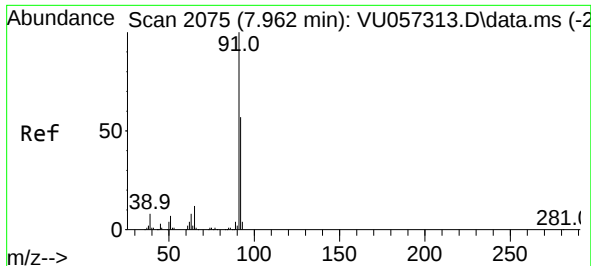
Ion Ratio Lower Upper

43 100

58 42.7 34.4 51.6

100 16.1 13.2 19.8





#42

Toluene

Concen: 5.036 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

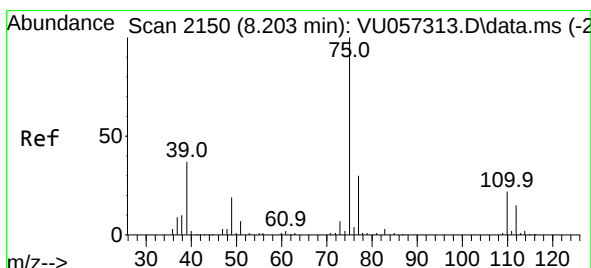
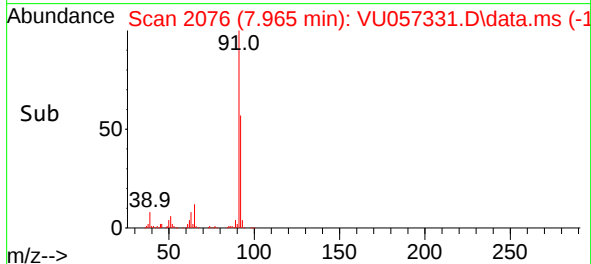
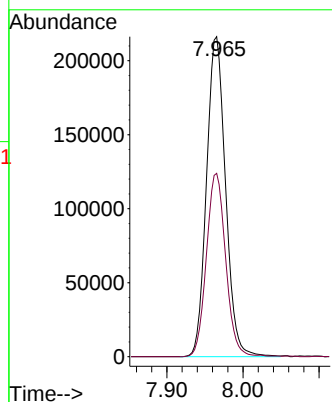
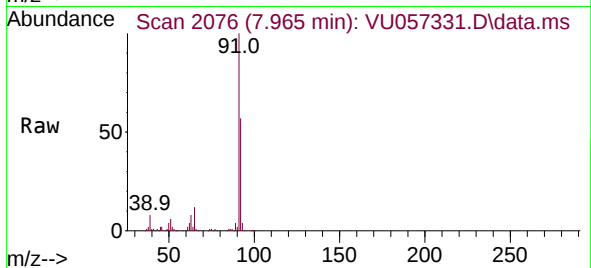
ClientSampleId :

Tgt Ion: 91 Resp: 376094

Ion Ratio Lower Upper

91 100

92 57.3 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 4.757 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU057331.D

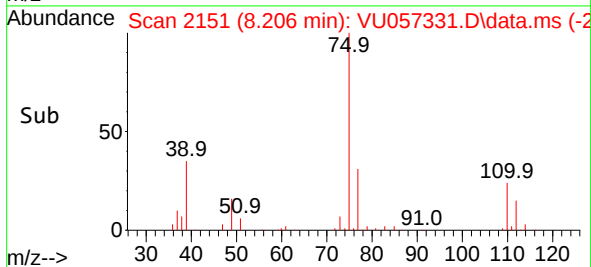
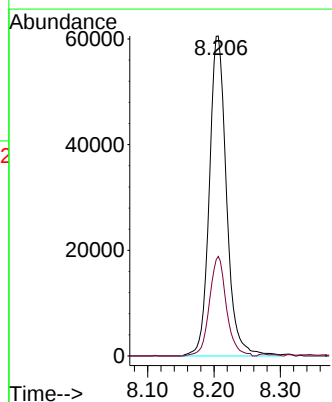
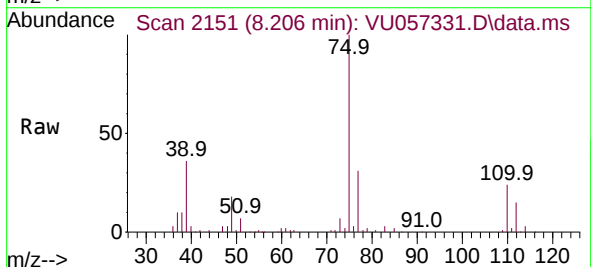
Acq: 28 Dec 2023 13:10

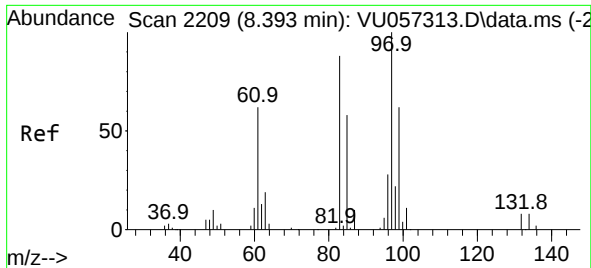
Tgt Ion: 75 Resp: 109440

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9



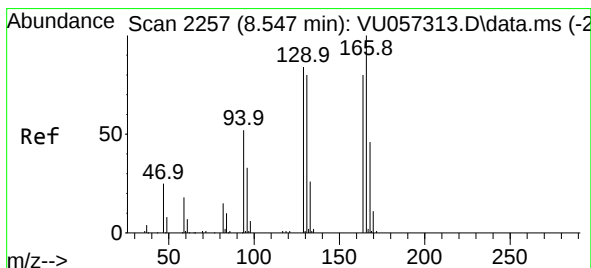
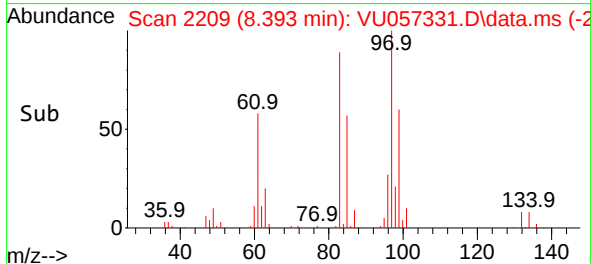
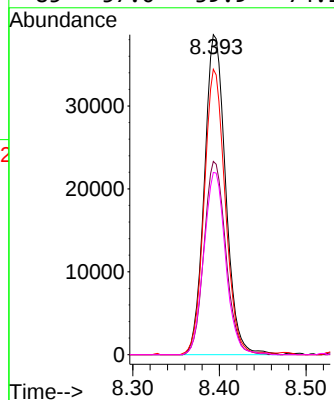
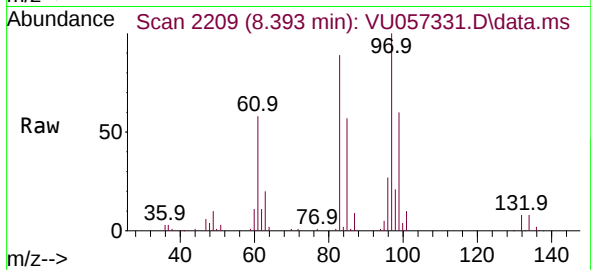


#45
1,1,2-Trichloroethane
Concen: 4.695 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 65993

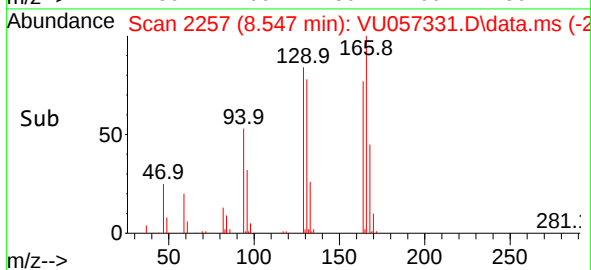
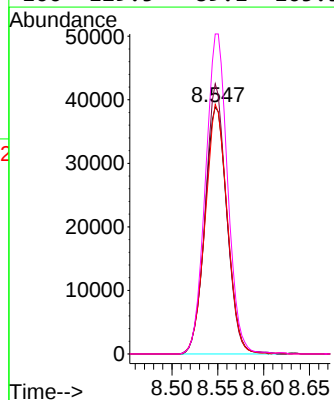
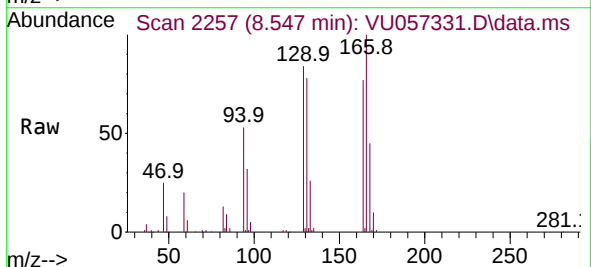
Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.0	81.8
83	89.2	62.3	115.7
85	57.0	39.9	74.1

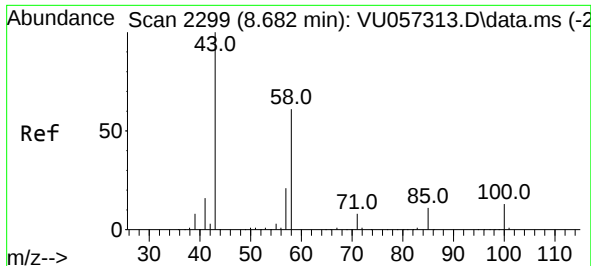


#47
Tetrachloroethene
Concen: 5.065 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 164 Resp: 66146

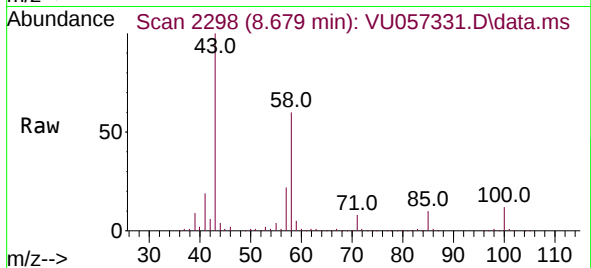
Ion	Ratio	Lower	Upper
164	100		
129	109.4	71.3	132.5
131	101.0	70.7	131.3
166	129.5	89.1	165.5



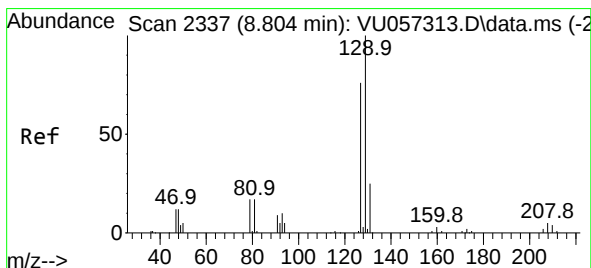
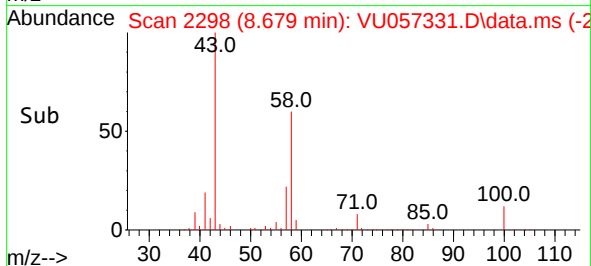
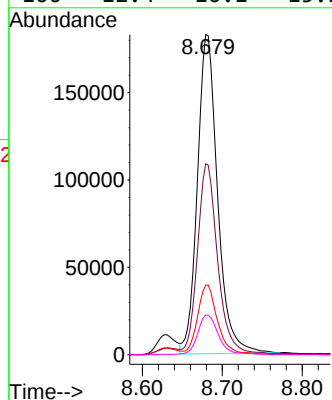


#48
2-Hexanone
Concen: 44.476 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Instrument :
MSVOA_U
ClientSampleId :

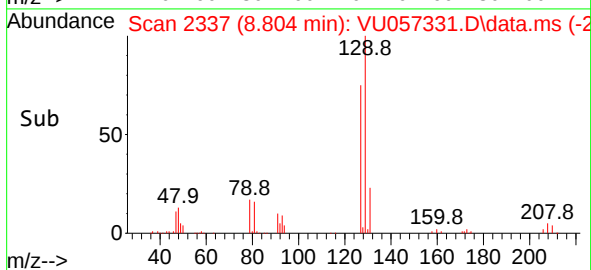
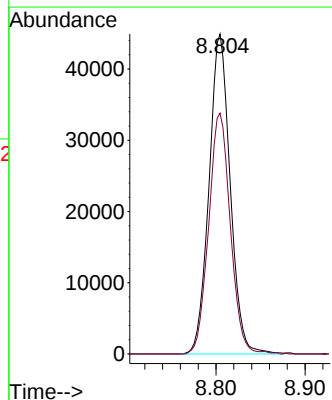
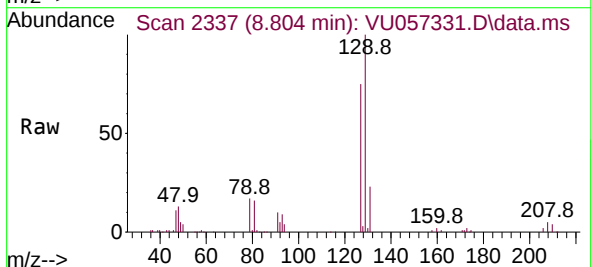


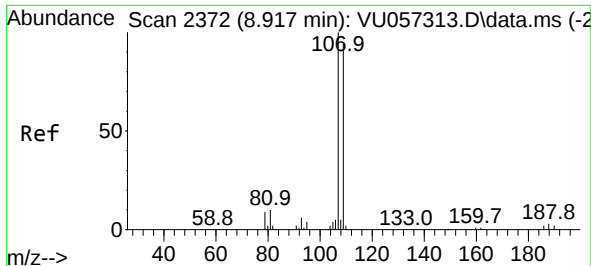
Tgt Ion:	43	Resp:	322423
Ion	Ratio	Lower	Upper
43	100		
58	59.0	48.4	72.6
57	21.8	17.4	26.2
100	12.4	10.1	15.1



#49
Dibromochloromethane
Concen: 4.623 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion:	129	Resp:	74001
Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.2	100.6





#50

1,2-Dibromoethane

Concen: 4.644 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057331.D

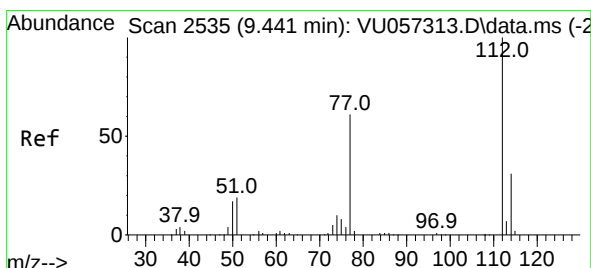
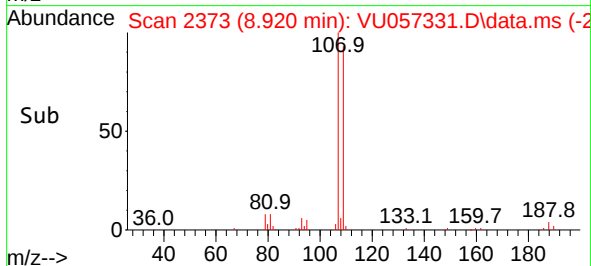
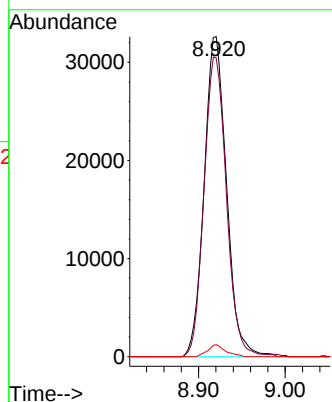
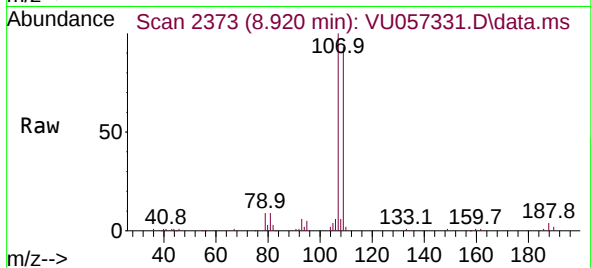
Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	58588
Ion Ratio	Lower	Upper	
107	100		
109	93.3	65.2	121.2
188	3.8	2.3	3.5#



#51

Chlorobenzene

Concen: 5.037 ug/L

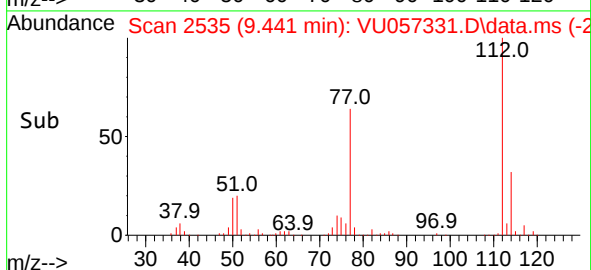
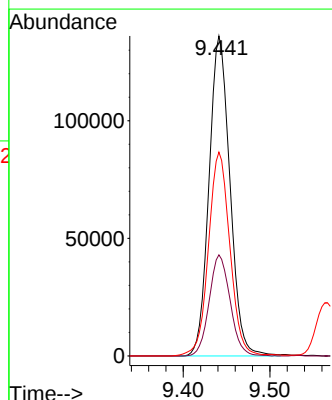
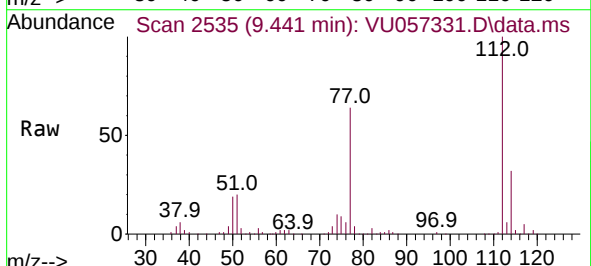
RT: 9.441 min Scan# 2535

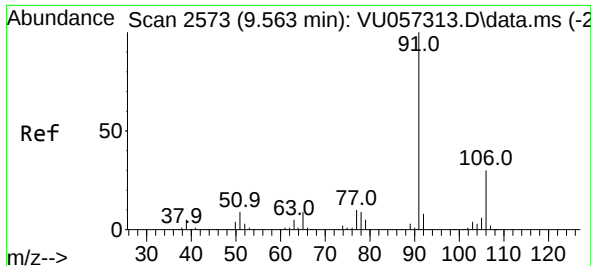
Delta R.T. 0.000 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Tgt Ion:	112	Resp:	228658
Ion Ratio	Lower	Upper	
112	100		
114	31.6	21.8	40.4
77	63.7	51.2	76.8

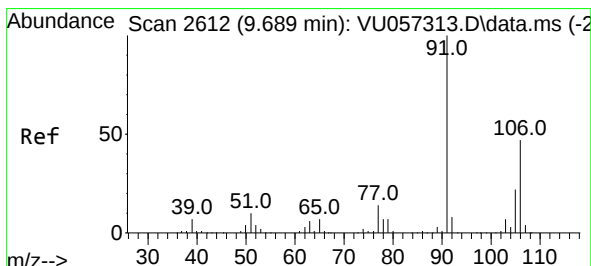
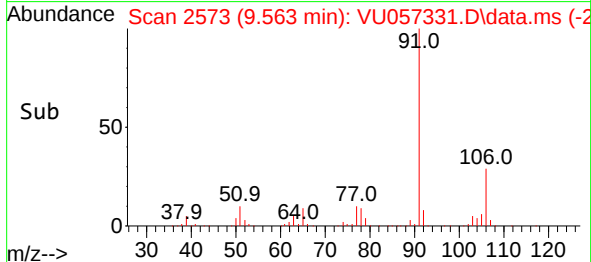
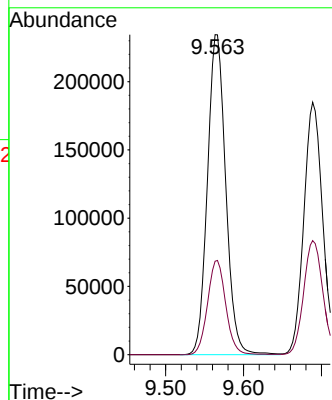
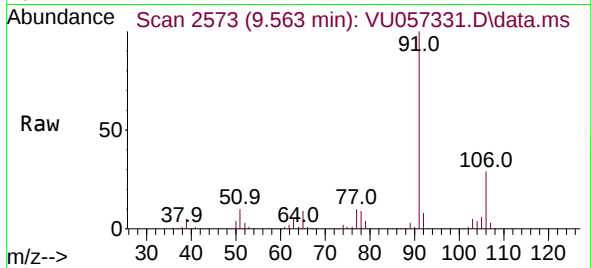




#52
Ethylbenzene
Concen: 5.134 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

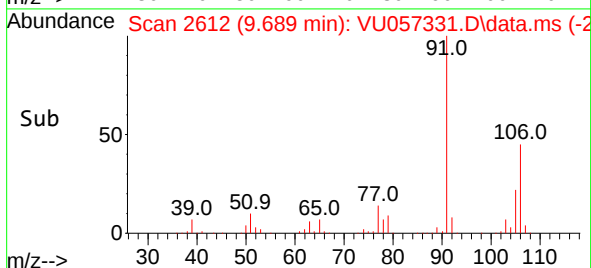
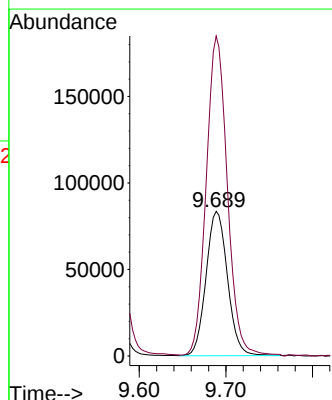
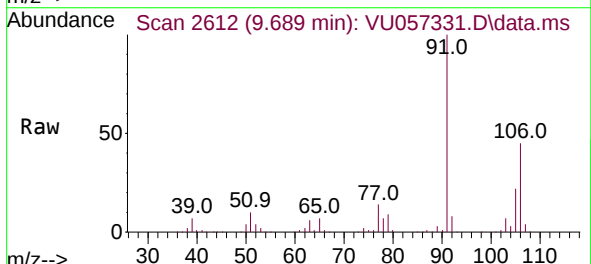
Instrument :
MSVOA_U
ClientSampleId :

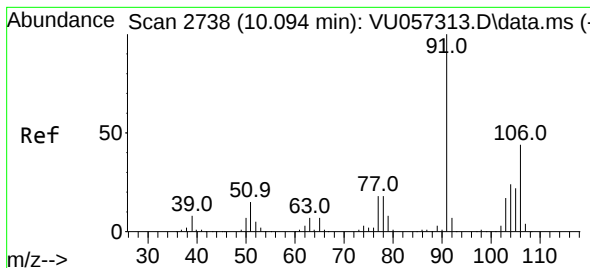
Tgt Ion: 91 Resp: 382646
Ion Ratio Lower Upper
91 100
106 29.2 21.1 39.3



#53
m,p-Xylene
Concen: 5.061 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 106 Resp: 143611
Ion Ratio Lower Upper
106 100
91 221.3 151.5 281.5





#54

o-Xylene

Concen: 5.090 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

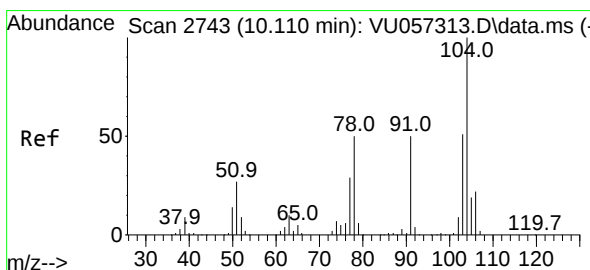
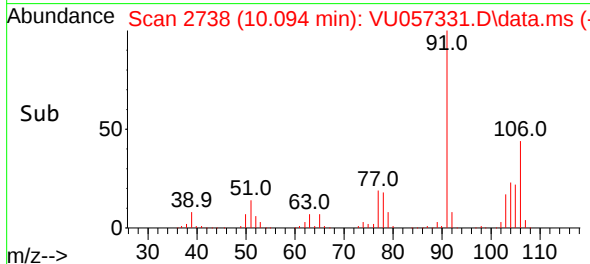
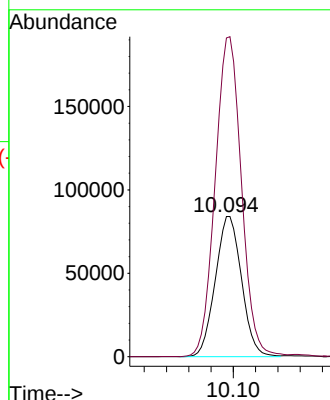
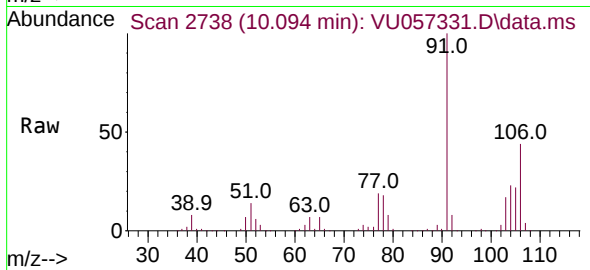
ClientSampleId :

Tgt Ion:106 Resp: 137325

Ion Ratio Lower Upper

106 100

91 227.4 156.0 289.8



#55

Styrene

Concen: 5.245 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU057331.D

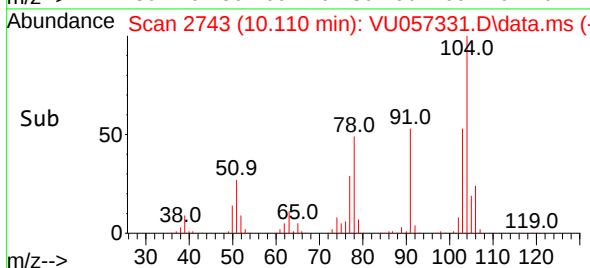
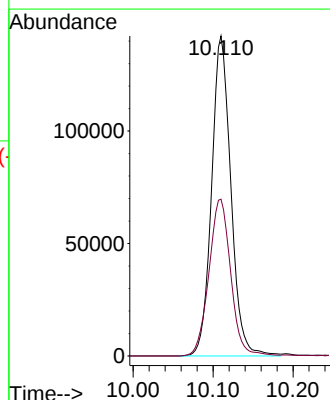
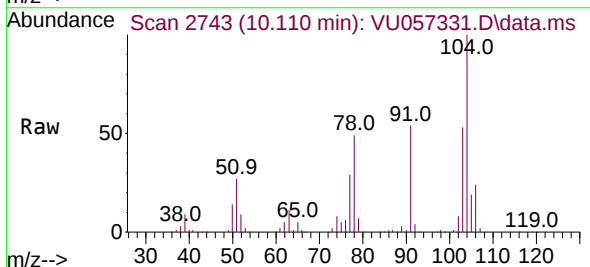
Acq: 28 Dec 2023 13:10

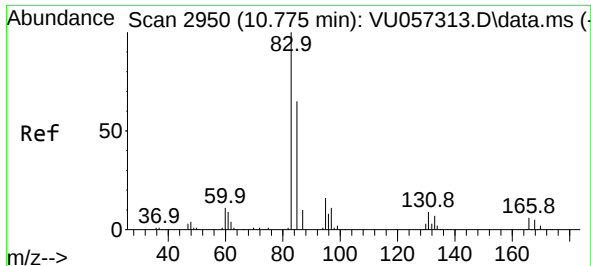
Tgt Ion:104 Resp: 238246

Ion Ratio Lower Upper

104 100

78 49.0 36.3 67.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.715 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057331.D

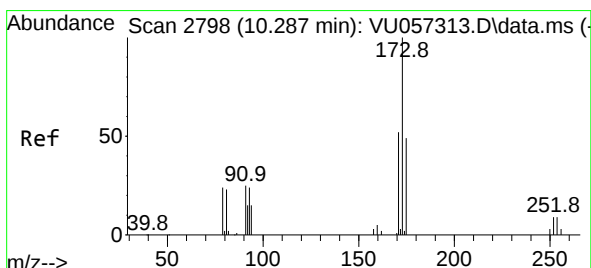
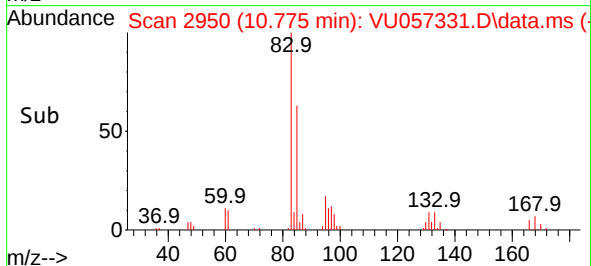
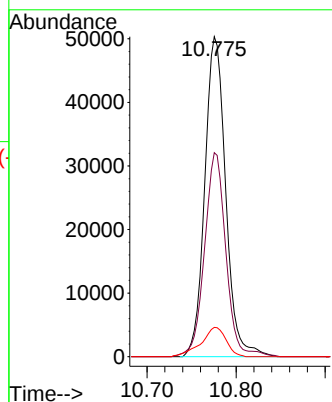
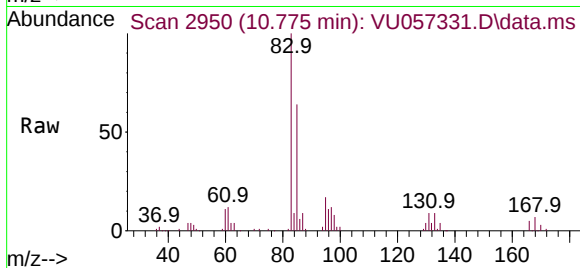
Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	82001
Ion Ratio	Lower	Upper	
83	100		
85	63.8	44.7	83.1
131	9.1	7.7	11.5



#59

Bromoform

Concen: 4.419 ug/L

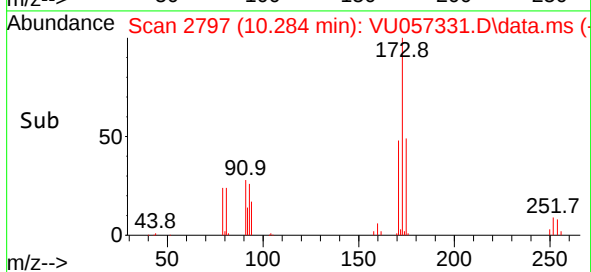
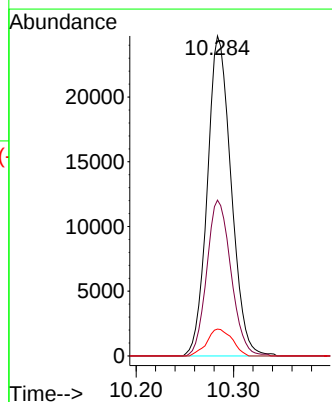
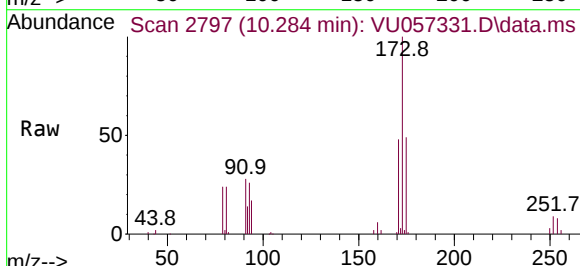
RT: 10.284 min Scan# 2797

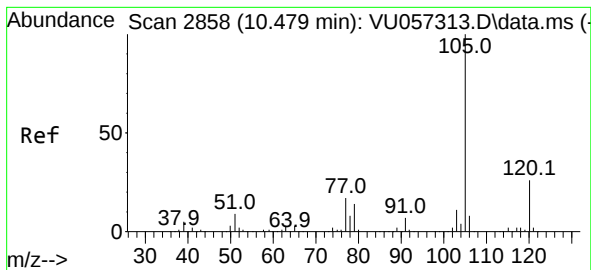
Delta R.T. -0.003 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Tgt Ion:	173	Resp:	41979
Ion Ratio	Lower	Upper	
173	100		
175	49.5	40.2	60.2
254	8.9	6.8	10.2





#60

Isopropylbenzene

Concen: 5.122 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057331.D

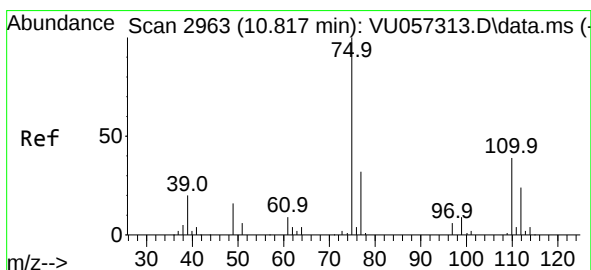
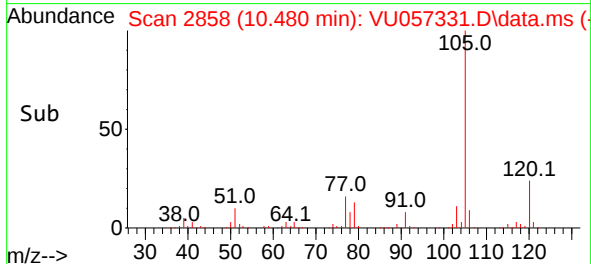
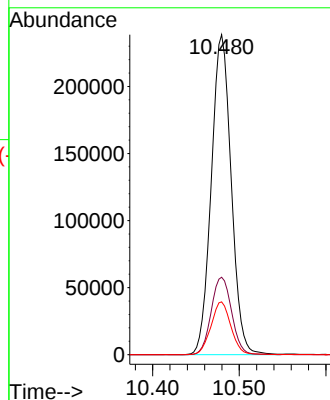
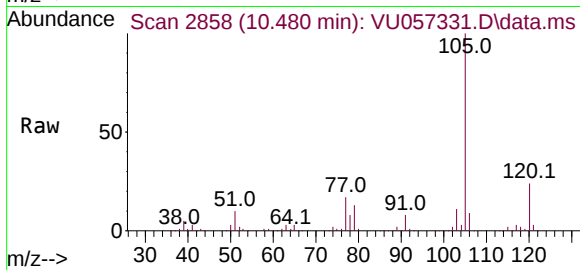
Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	381034
Ion Ratio	Lower	Upper	
105	100		
120	24.9	20.2	30.4
77	16.6	13.2	19.8



#61

1,2,3-Trichloropropane

Concen: 4.124 ug/L

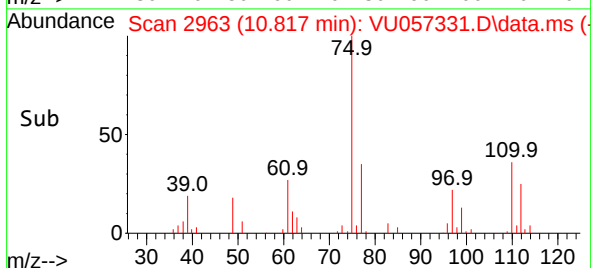
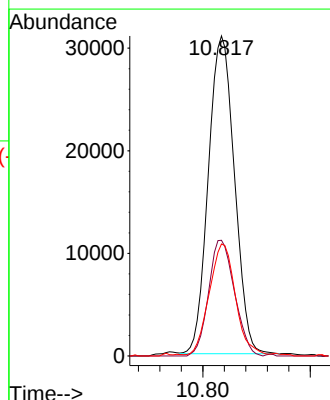
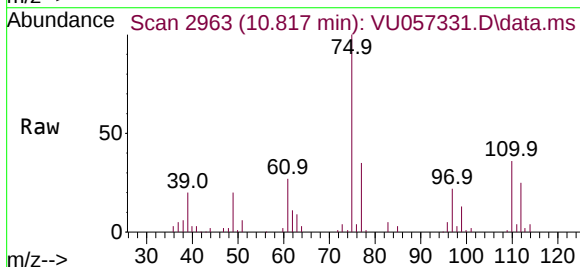
RT: 10.817 min Scan# 2963

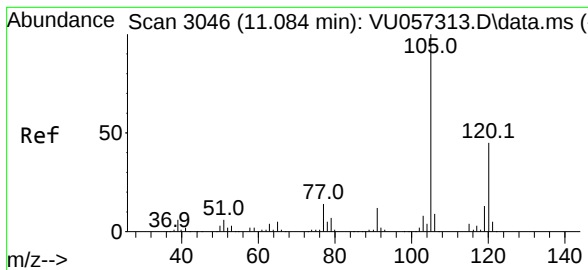
Delta R.T. 0.000 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Tgt Ion:	75	Resp:	52243
Ion Ratio	Lower	Upper	
75	100		
110	36.1	29.0	43.6
77	34.7	25.4	38.2

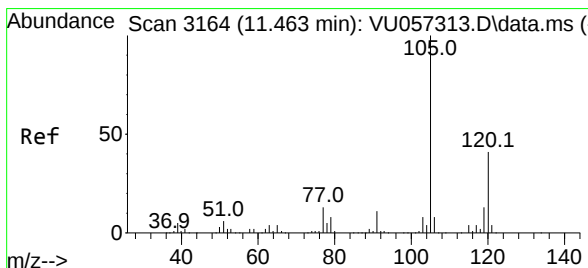
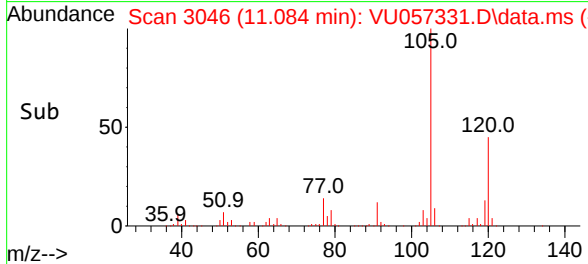
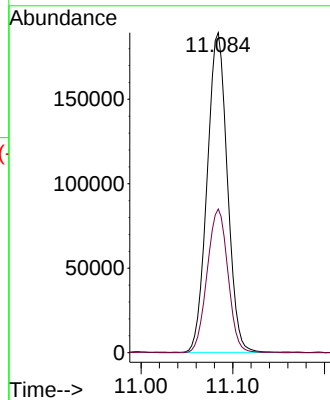
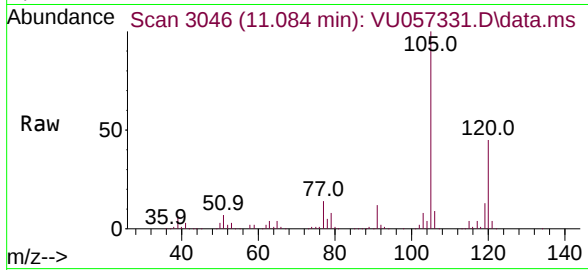




#62
1,3,5-Trimethylbenzene
Concen: 4.974 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

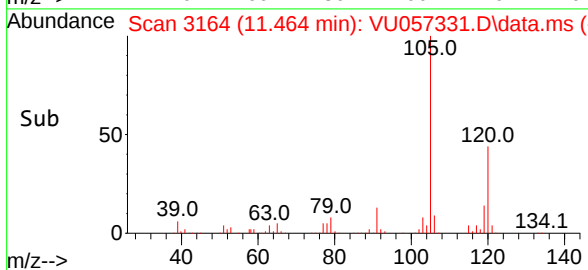
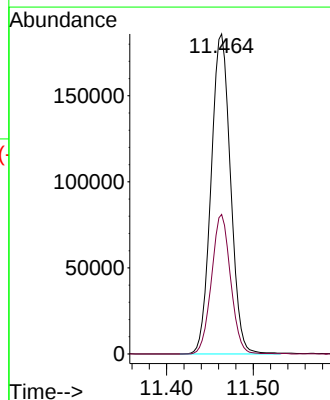
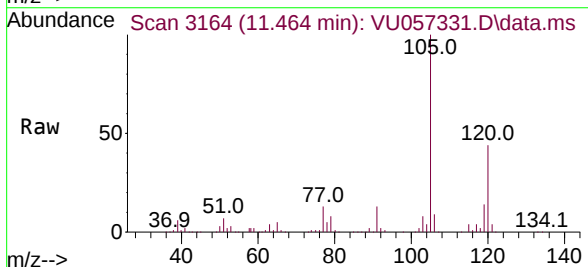
Instrument :
MSVOA_U
ClientSampleId :

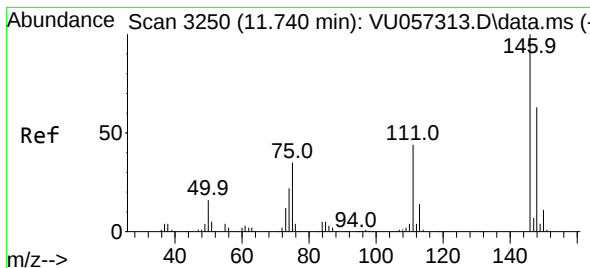
Tgt Ion:105 Resp: 289580
Ion Ratio Lower Upper
105 100
120 46.1 36.0 54.0



#63
1,2,4-Trimethylbenzene
Concen: 5.006 ug/L
RT: 11.464 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion:105 Resp: 289780
Ion Ratio Lower Upper
105 100
120 42.8 33.5 50.3





#64

1,3-Dichlorobenzene

Concen: 5.096 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

ClientSampleId :

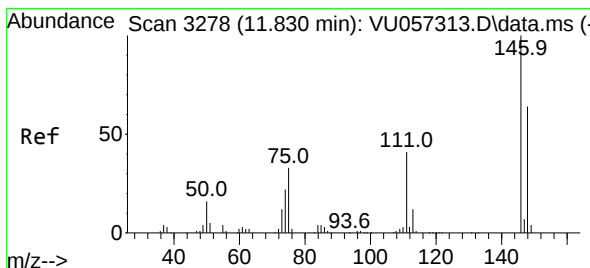
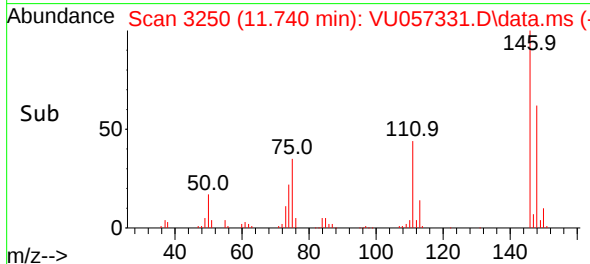
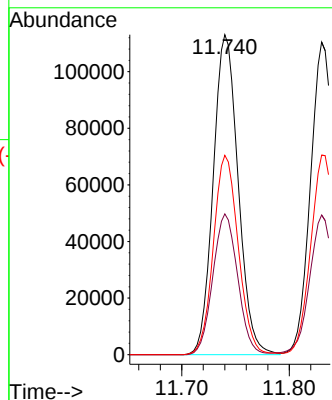
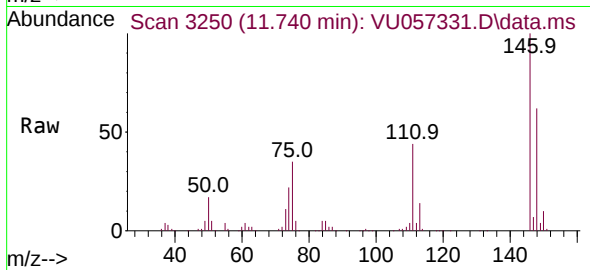
Tgt Ion:146 Resp: 182195

Ion Ratio Lower Upper

146 100

111 44.0 31.4 58.2

148 62.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 4.839 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

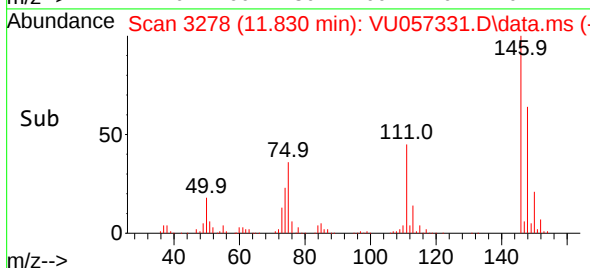
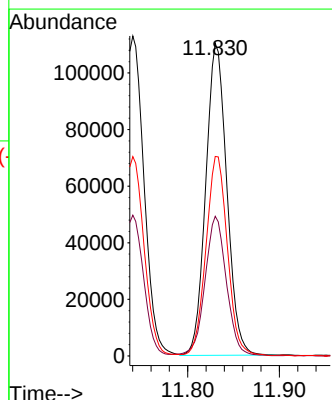
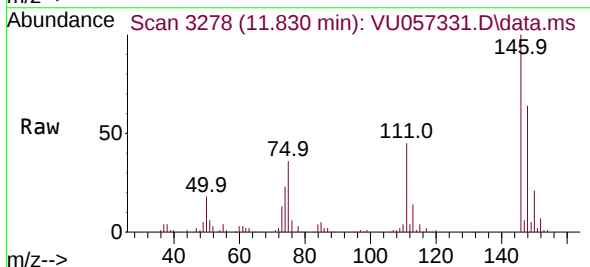
Tgt Ion:146 Resp: 176078

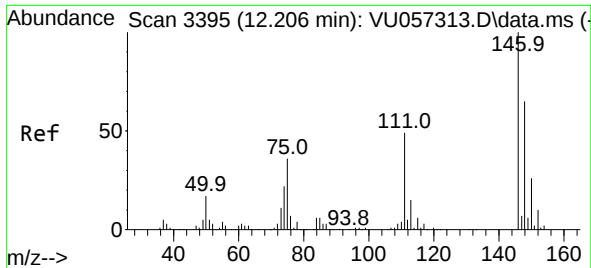
Ion Ratio Lower Upper

146 100

111 44.7 30.9 57.3

148 63.8 43.4 80.6

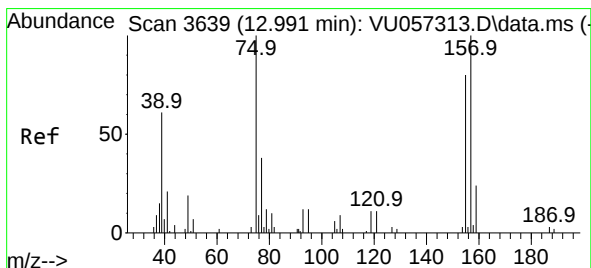
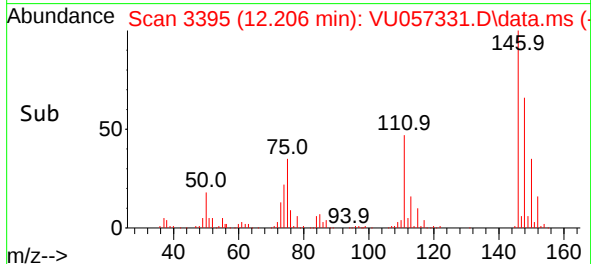
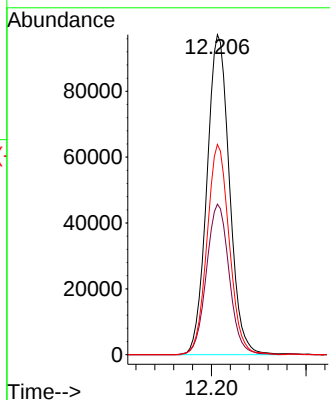
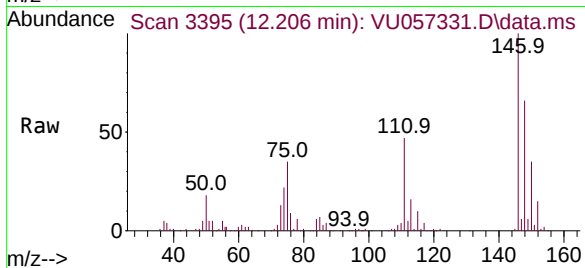




#67
1,2-Dichlorobenzene
Concen: 4.680 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

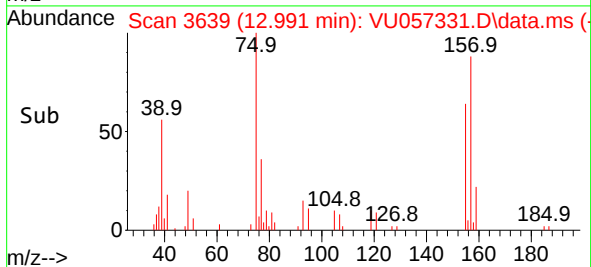
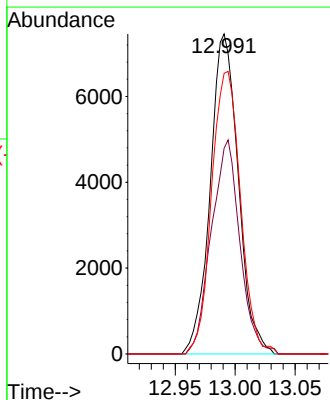
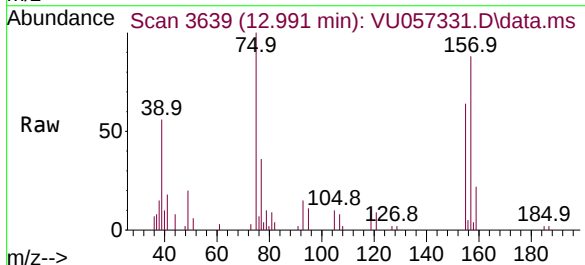
Instrument :
MSVOA_U
ClientSampleId :

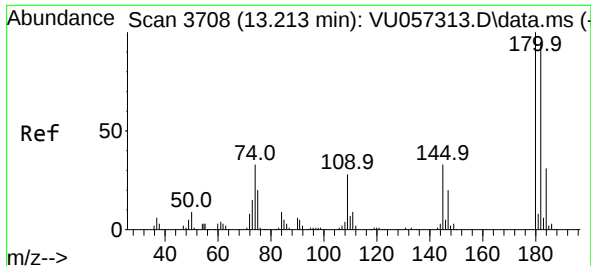
Tgt Ion:146 Resp: 160829
Ion Ratio Lower Upper
146 100
111 47.0 37.8 56.8
148 65.7 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.353 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU057331.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 75 Resp: 12124
Ion Ratio Lower Upper
75 100
155 64.3 53.8 80.8
157 87.7 69.7 104.5





#69

1,3,5-Trichlorobenzene

Concen: 4.838 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 123847

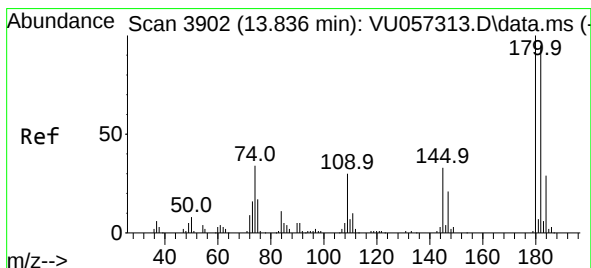
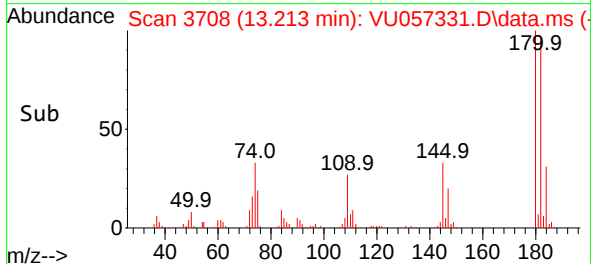
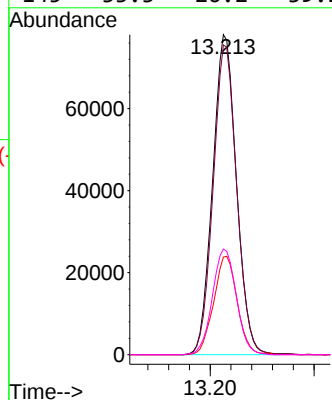
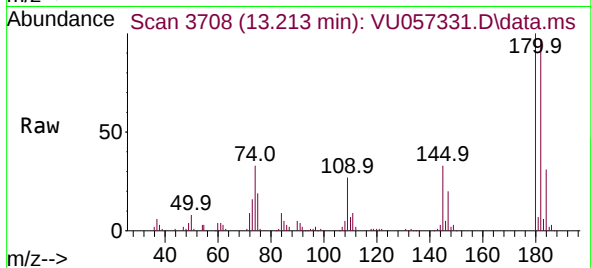
Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

184 30.5 23.6 35.4

145 33.3 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 4.631 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

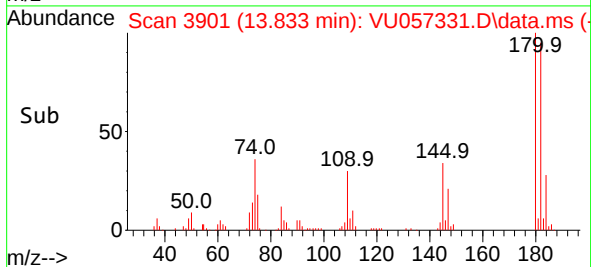
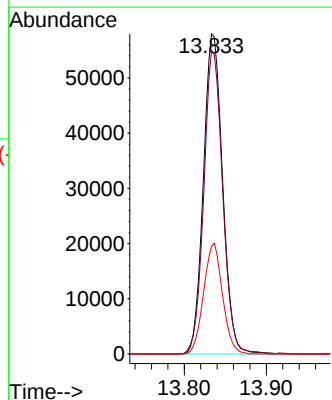
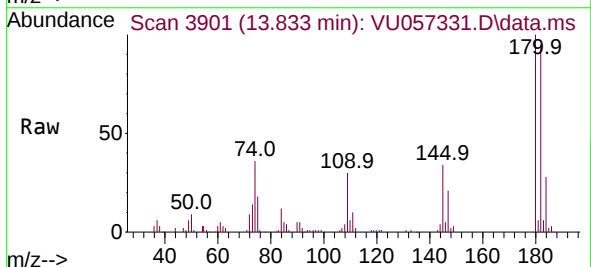
Tgt Ion:180 Resp: 94060

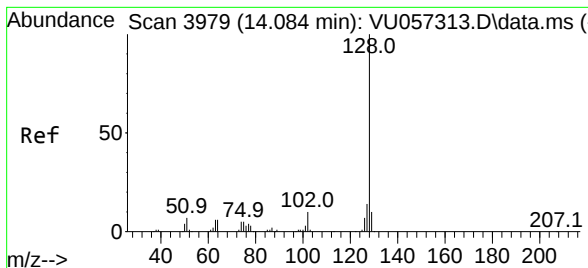
Ion Ratio Lower Upper

180 100

182 93.4 76.2 114.4

145 34.0 26.7 40.1





#71

Naphthalene

Concen: 3.950 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_U

ClientSampleId :

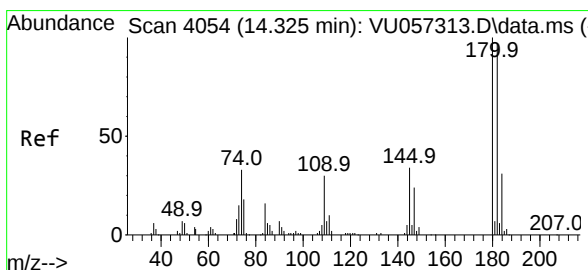
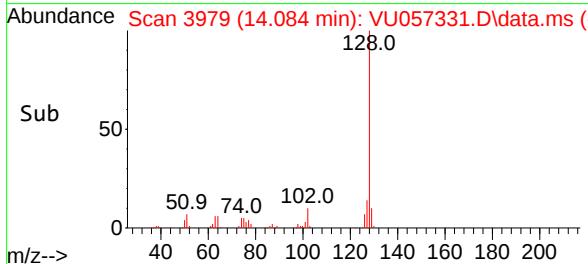
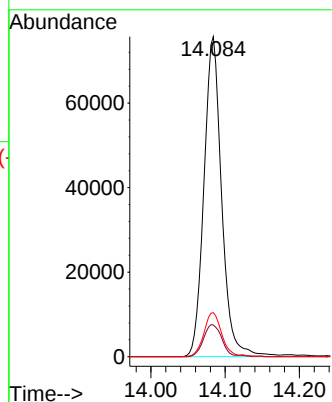
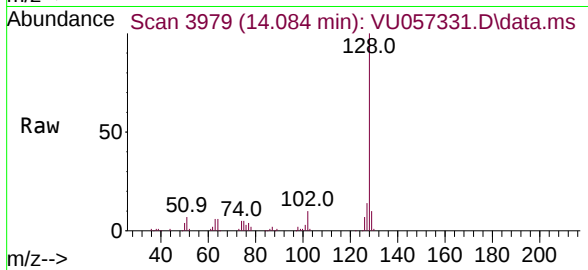
Tgt Ion:128 Resp: 125415

Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

127 13.7 9.8 14.6



#72

1,2,3-Trichlorobenzene

Concen: 4.388 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057331.D

Acq: 28 Dec 2023 13:10

Tgt Ion:180 Resp: 77688

Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.8

145 37.2 28.0 42.0

