

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060147.D
 Acq On : 24 Jul 2024 05:37
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 06:01:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	123738	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	126855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32311	3.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.911	69	32562	4.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.560	65	13296	3.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.631	46	83743	41.605	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.220%
24) Chloroform-d	5.055	84	85440	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	41054	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.721	84	158856	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.682	67	53265	4.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.891	98	147818	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.174	79	13698	3.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.627	63	91465	55.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52402	5.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	60669	4.902	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	43801	4.681	ug/L	96
3) Chloromethane	1.515	50	49693	4.397	ug/L	96
5) Vinyl chloride	1.599	62	59765	4.717	ug/L	100
6) Bromomethane	1.853	94	36707	4.450	ug/L	96
8) Chloroethane	1.930	64	37295	4.507	ug/L	99
9) Trichlorofluoromethane	2.132	101	76500	4.788	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48700	4.671	ug/L	98
12) 1,1-Dichloroethene	2.573	96	45736	4.842	ug/L	91
13) Acetone	2.647	43	64367	48.343	ug/L	98
14) Carbon disulfide	2.788	76	123427	4.488	ug/L	99
15) Methyl Acetate	2.959	43	17082	5.216	ug/L	96
16) Methylene chloride	3.039	84	63979	5.525	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	111337	5.169	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	47725	4.858	ug/L	95
19) 1,1-Dichloroethane	3.859	63	89940	4.821	ug/L	98
21) 2-Butanone	4.711	43	76670	36.376	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	56662	5.149	ug/L	94
23) Bromochloromethane	4.968	128	27197	5.085	ug/L	96
25) Chloroform	5.078	83	97342	4.745	ug/L	99

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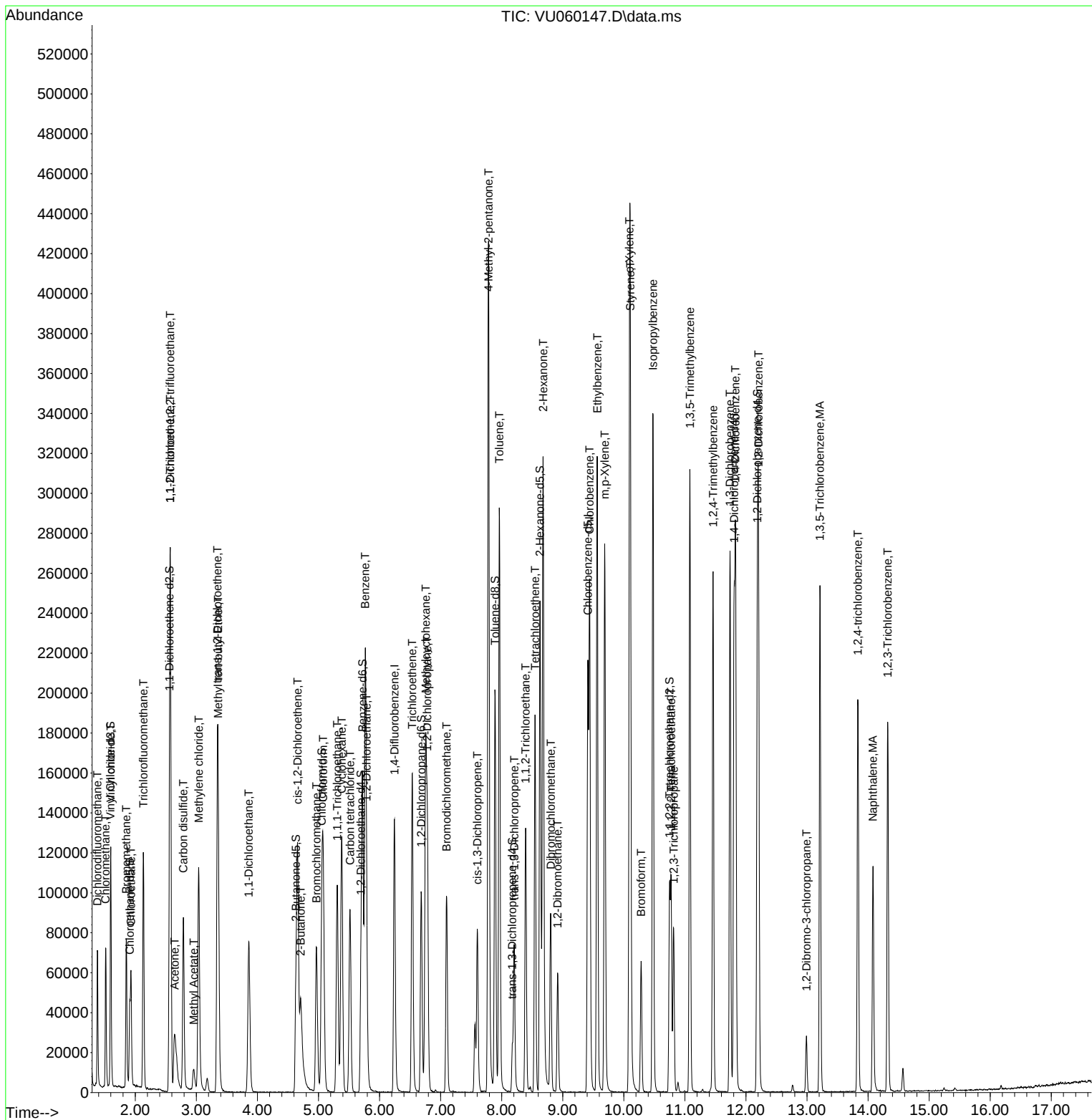
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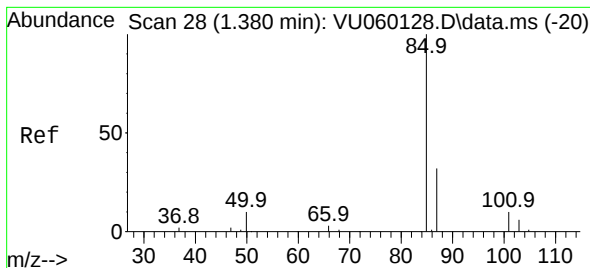
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	56178	4.791	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	77715	4.905	ug/L	99
30) Cyclohexane	5.383	56	61966	4.945	ug/L	100
31) Carbon tetrachloride	5.518	117	66455	4.862	ug/L	99
33) Benzene	5.766	78	209385	4.996	ug/L	100
34) Trichloroethene	6.534	95	56237	5.060	ug/L	98
35) Methylcyclohexane	6.756	83	68110	4.675	ug/L	99
37) 1,2-Dichloropropane	6.782	63	54974	4.856	ug/L	99
38) Bromodichloromethane	7.097	83	68542	4.832	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	55331	3.740	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	260838	52.066	ug/L	96
42) Toluene	7.962	91	229324	5.142	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	45025	3.643	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	43952	5.081	ug/L	98
47) Tetrachloroethene	8.547	164	44630	4.857	ug/L	99
48) 2-Hexanone	8.679	43	189943	51.783	ug/L	99
49) Dibromochloromethane	8.804	129	47952	5.011	ug/L	100
50) 1,2-Dibromoethane	8.917	107	40669	5.199	ug/L	97
51) Chlorobenzene	9.441	112	148461	5.096	ug/L	98
52) Ethylbenzene	9.566	91	228885	5.146	ug/L	100
53) m,p-Xylene	9.688	106	83285	4.847	ug/L	95
54) o-Xylene	10.094	106	87275	5.312	ug/L	99
55) Styrene	10.110	104	147337	5.268	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	53505	5.056	ug/L	99
59) Bromoform	10.283	173	31958	5.129	ug/L	98
60) Isopropylbenzene	10.479	105	226553	5.052	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	36772	5.087	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	172871	5.045	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	145718	4.401	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	120724	5.003	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	121017	4.927	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	115930	5.019	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7437	5.279	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	85884	4.716	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	68834	4.966	ug/L	99
71) Naphthalene	14.081	128	100226	5.104	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65684	5.269	ug/L	100

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

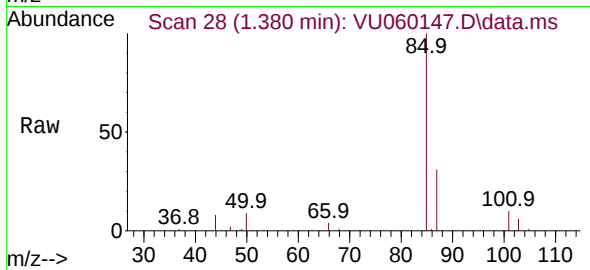
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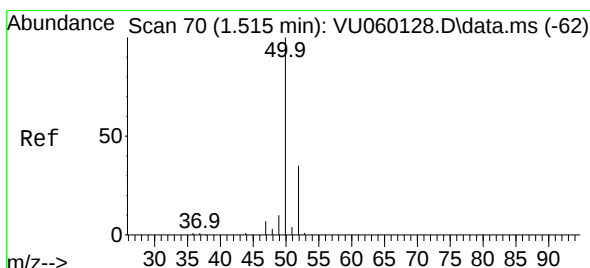
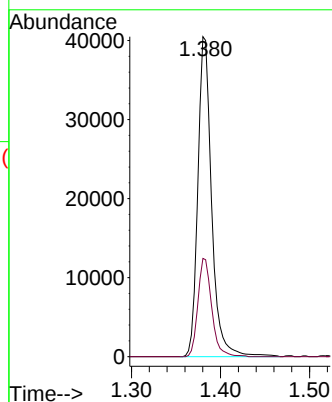
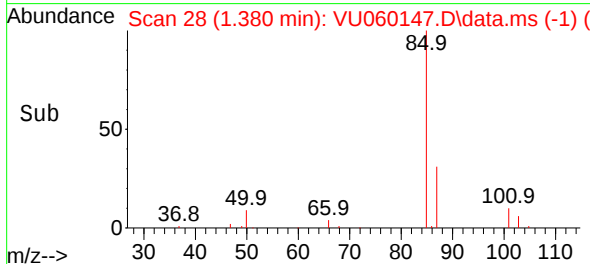


#2
 Dichlorodifluoromethane
 Concen: 4.681 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU060147.D
 Acq: 24 Jul 2024 05:37

Instrument :
 MSVOA_U
 ClientSampleId :

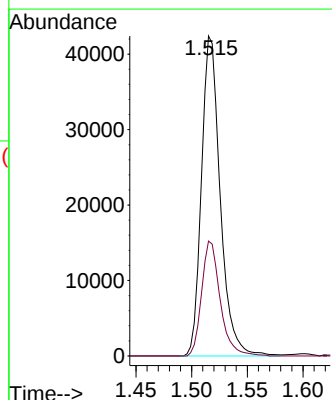
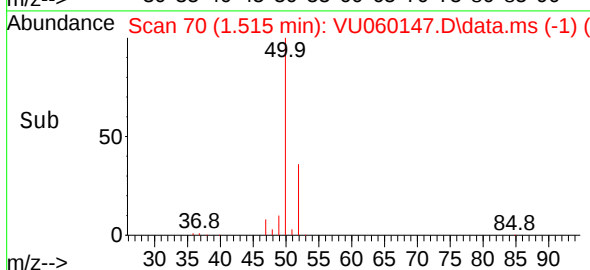
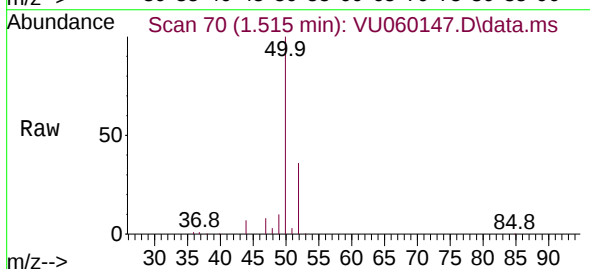


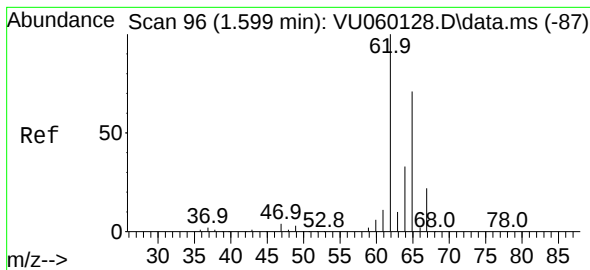
Tgt Ion: 85 Resp: 43801
 Ion Ratio Lower Upper
 85 100
 87 30.6 26.1 39.1



#3
 Chloromethane
 Concen: 4.397 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU060147.D
 Acq: 24 Jul 2024 05:37

Tgt Ion: 50 Resp: 49693
 Ion Ratio Lower Upper
 50 100
 52 35.9 23.4 43.4





#5

Vinyl chloride

Concen: 4.717 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

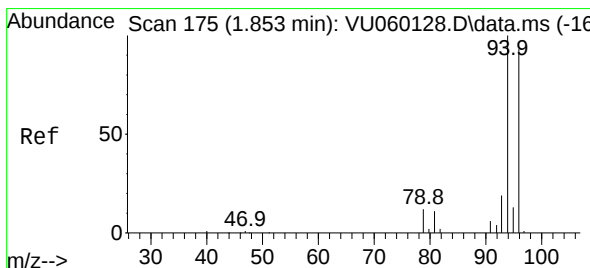
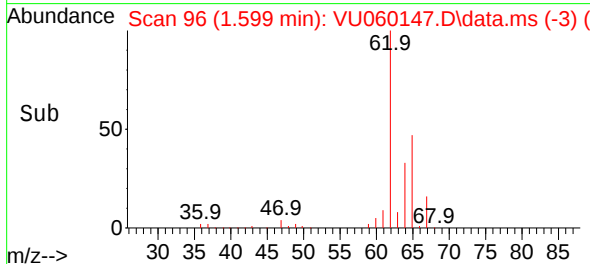
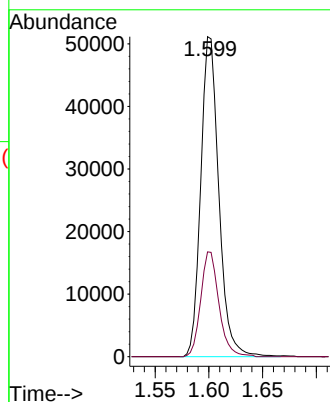
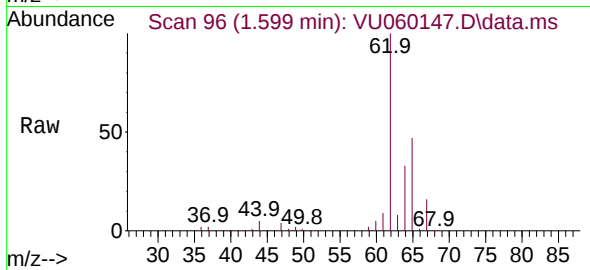
ClientSampleId :

Tgt Ion: 62 Resp: 59765

Ion Ratio Lower Upper

62 100

64 32.8 22.8 42.4



#6

Bromomethane

Concen: 4.450 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU060147.D

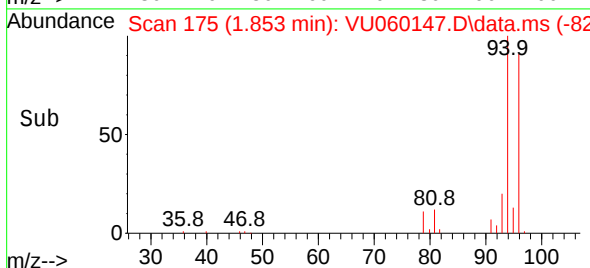
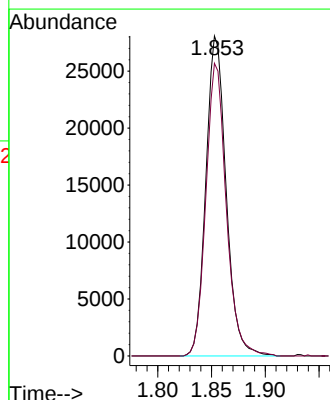
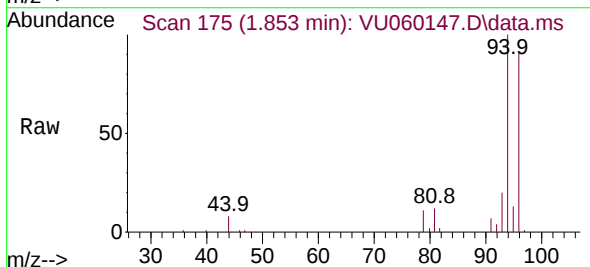
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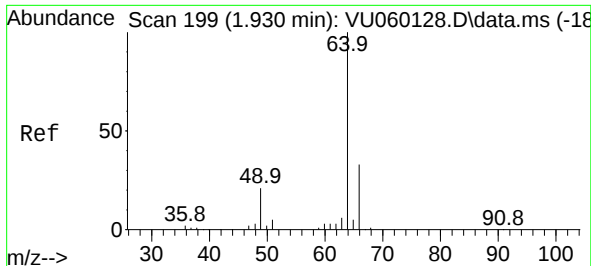
Tgt Ion: 94 Resp: 36707

Ion Ratio Lower Upper

94 100

96 91.4 66.6 123.6

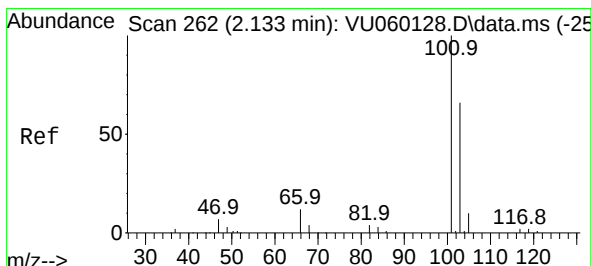
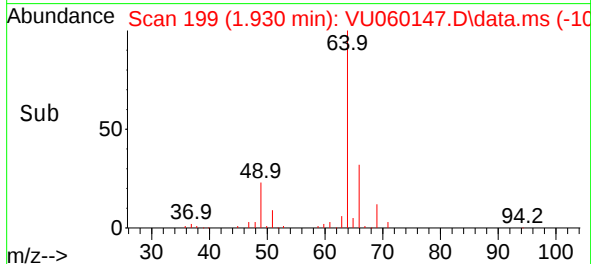
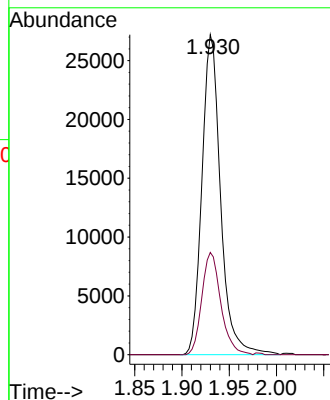
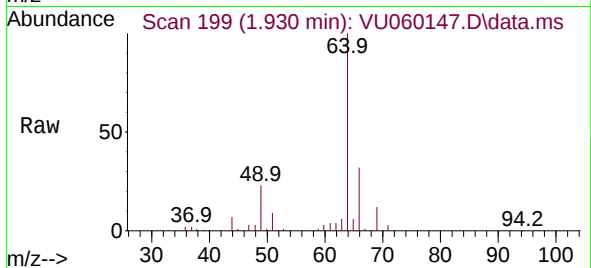




#8
Chloroethane
Concen: 4.507 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

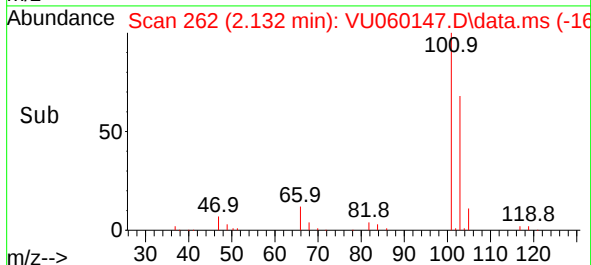
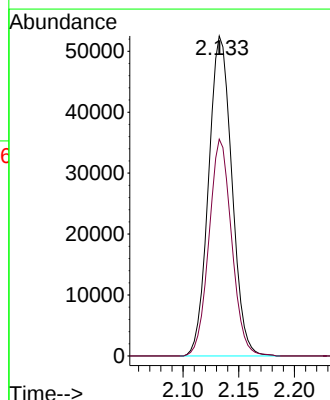
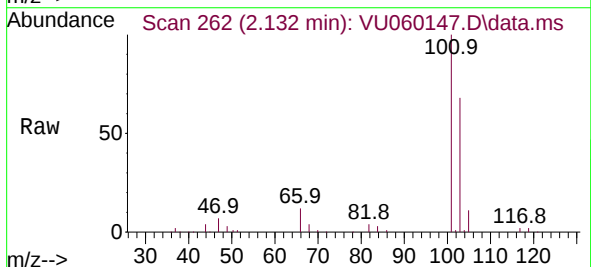
Instrument :
MSVOA_U
ClientSampleId :

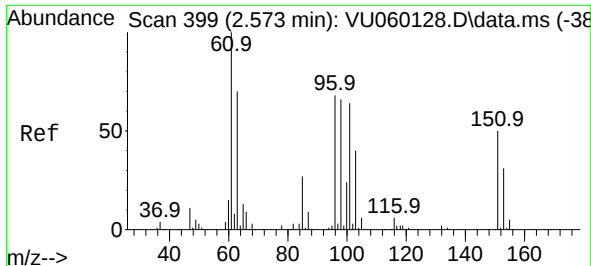
Tgt Ion: 64 Resp: 37295
Ion Ratio Lower Upper
64 100
66 31.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.788 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion:101 Resp: 76500
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2

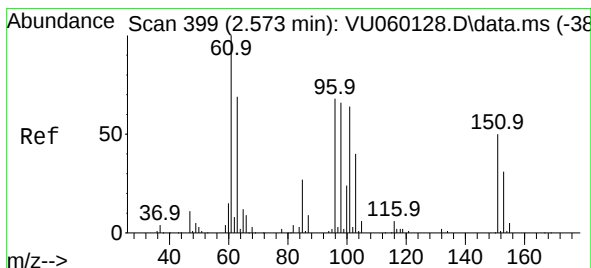
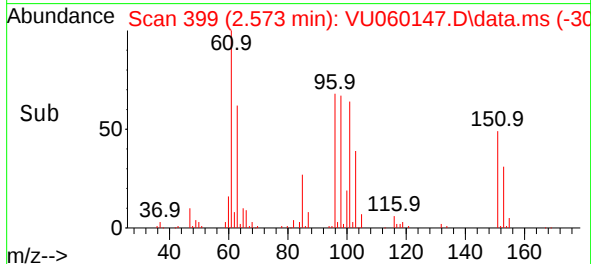
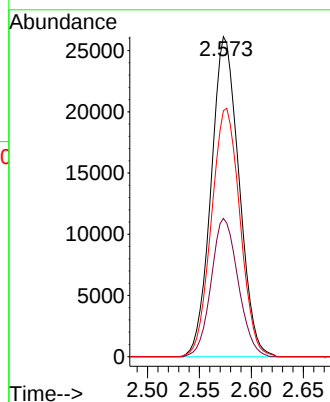
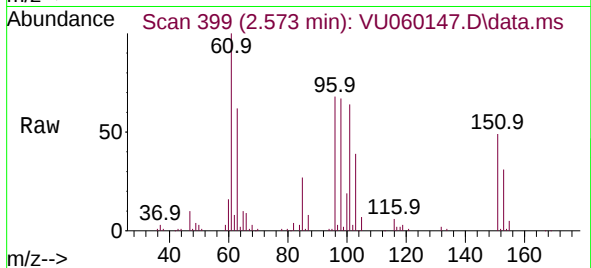




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.671 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

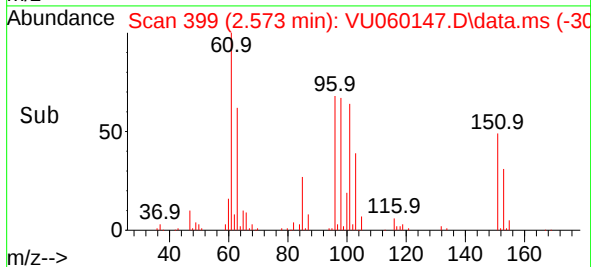
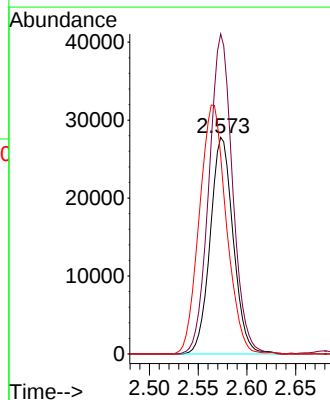
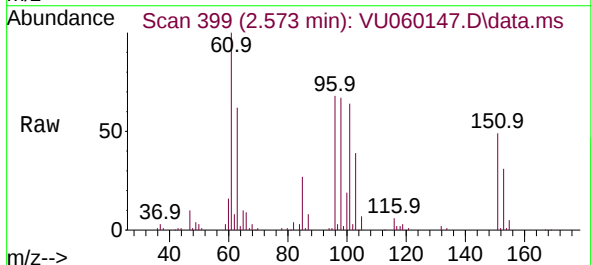
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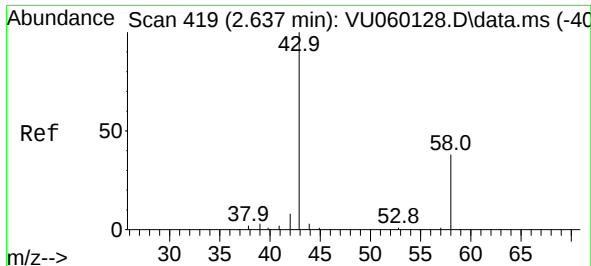
Tgt Ion:101 Resp: 48700
Ion Ratio Lower Upper
101 100
85 41.9 33.2 49.8
151 79.5 61.8 92.8



#12
1,1-Dichloroethene
Concen: 4.842 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion: 96 Resp: 45736
Ion Ratio Lower Upper
96 100
61 147.7 107.0 198.6
63 91.5 76.4 142.0

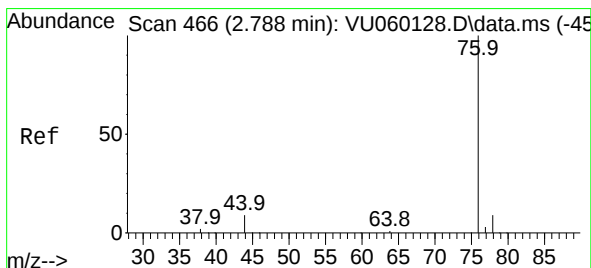
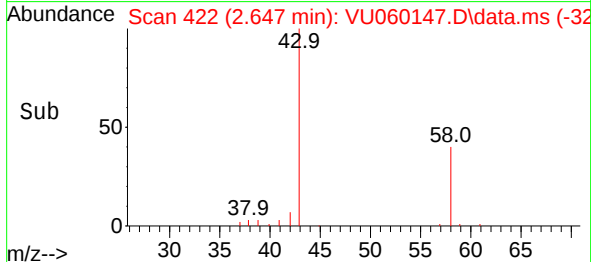
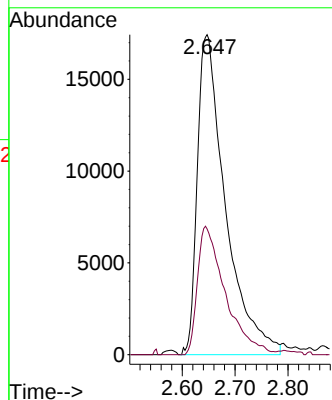
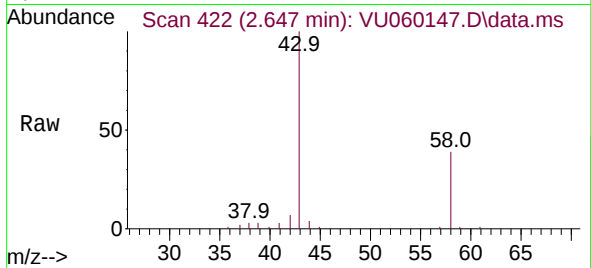




#13
Acetone
Concen: 48.343 ug/L
RT: 2.647 min Scan# 419
Delta R.T. 0.010 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

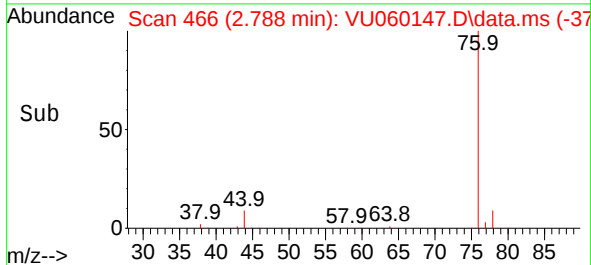
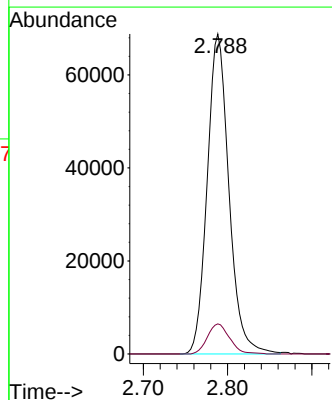
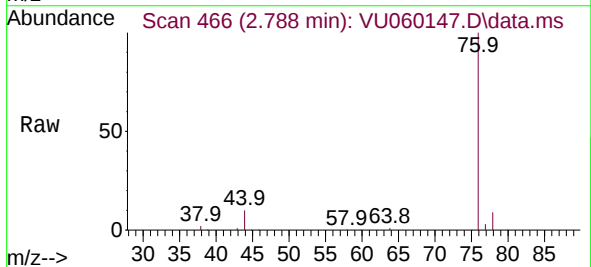
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ClientSampleId :

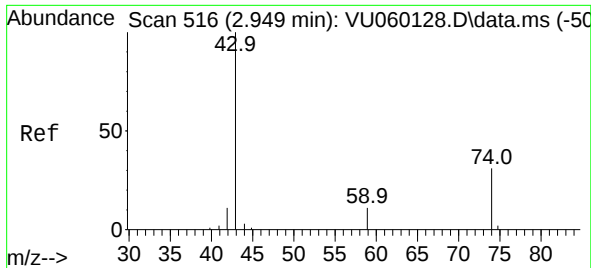
Tgt Ion: 43 Resp: 64367
Ion Ratio Lower Upper
43 100
58 39.7 0.0 82.2



#14
Carbon disulfide
Concen: 4.488 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion: 76 Resp: 123427
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 5.216 ug/L

RT: 2.959 min Scan# 516

Delta R.T. 0.010 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

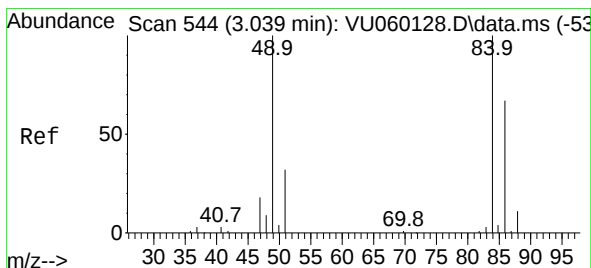
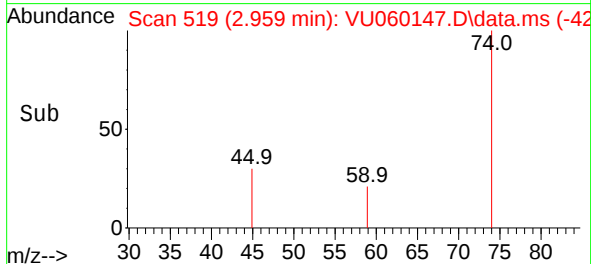
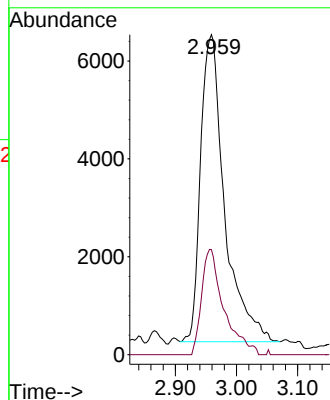
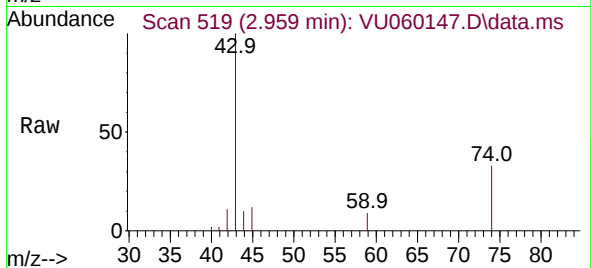
ClientSampleId :

Tgt Ion: 43 Resp: 17082

Ion Ratio Lower Upper

43 100

74 31.7 23.5 35.3



#16

Methylene chloride

Concen: 5.525 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

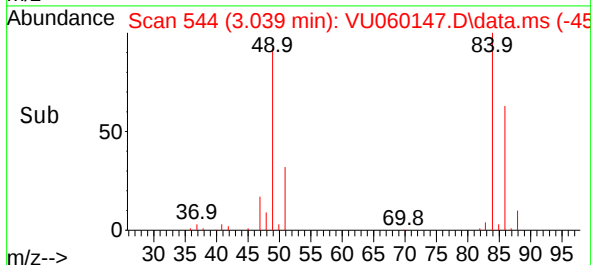
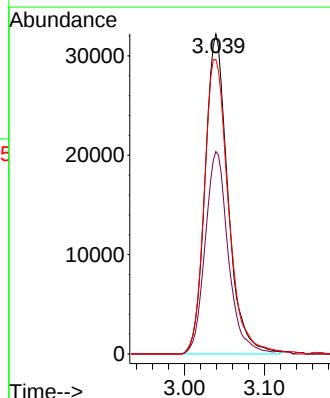
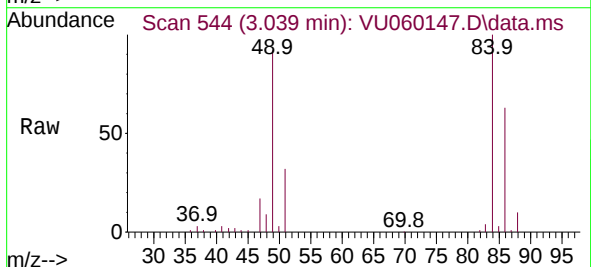
Tgt Ion: 84 Resp: 63979

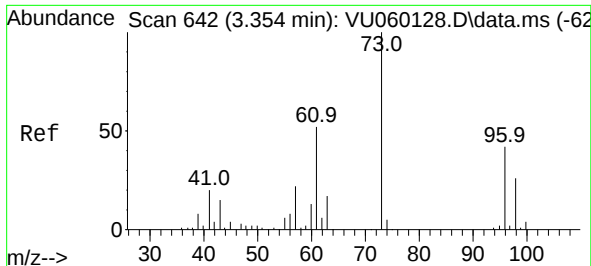
Ion Ratio Lower Upper

84 100

86 63.3 44.4 82.5

49 92.0 72.0 133.6

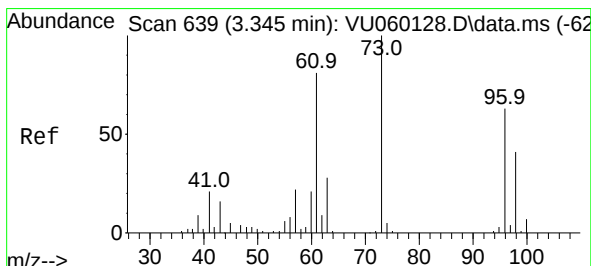
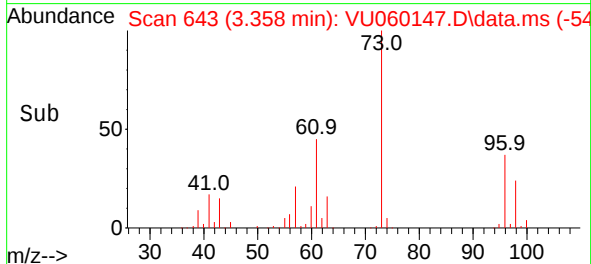
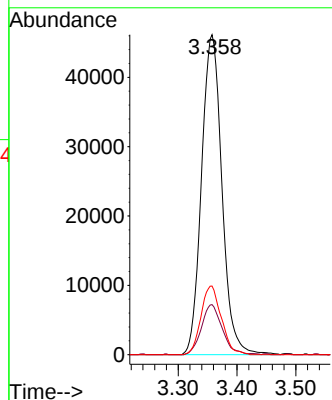
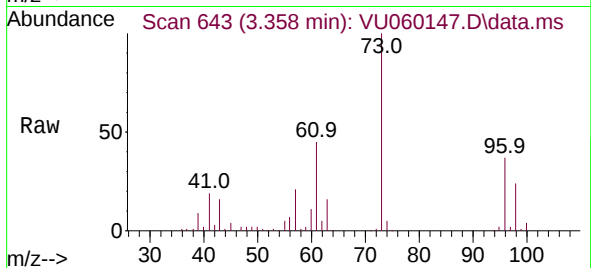




#17
Methyl tert-butyl Ether
Concen: 5.169 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

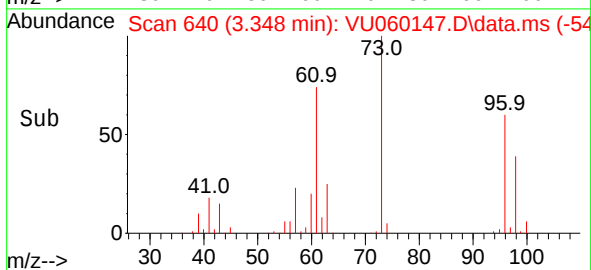
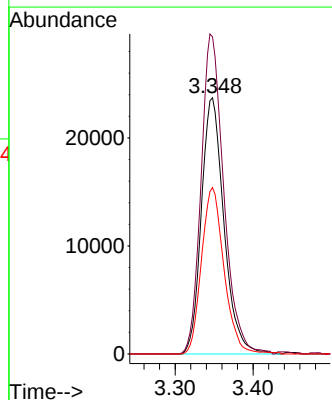
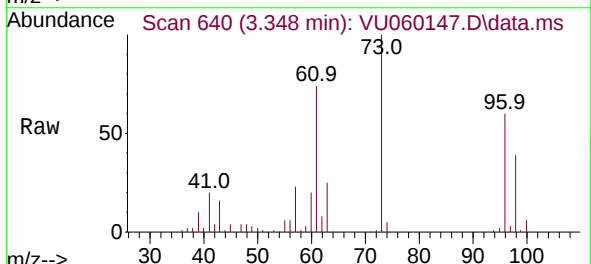
Instrument :
MSVOA_U
ClientSampleId :

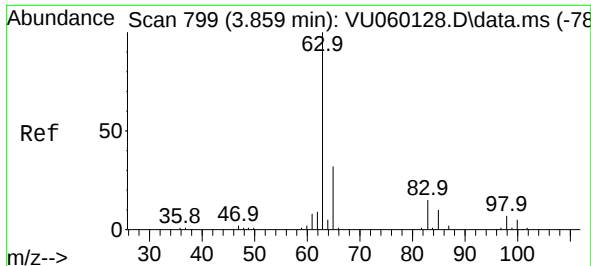
Tgt Ion: 73 Resp: 111337
Ion Ratio Lower Upper
73 100
43 15.8 13.1 19.7
57 21.4 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.858 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion: 96 Resp: 47725
Ion Ratio Lower Upper
96 100
61 123.8 91.6 170.0
98 65.0 47.7 88.5

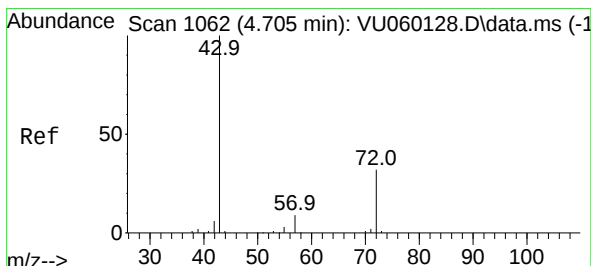
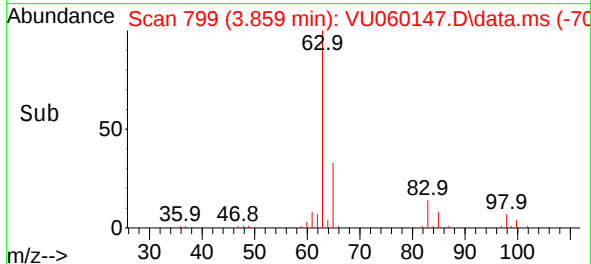
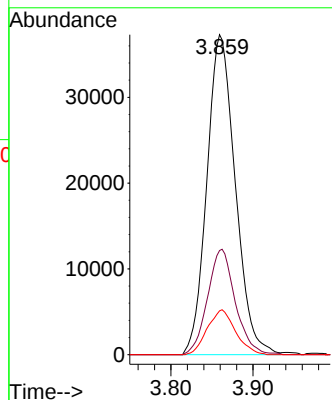
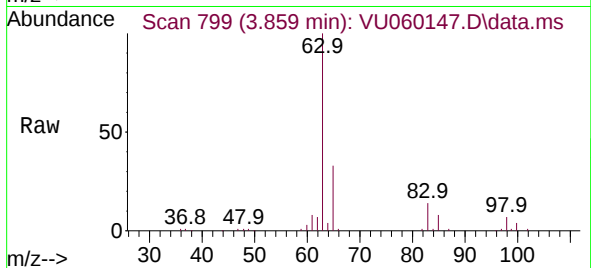




#19
1,1-Dichloroethane
Concen: 4.821 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

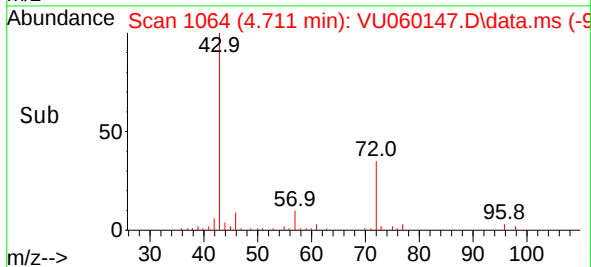
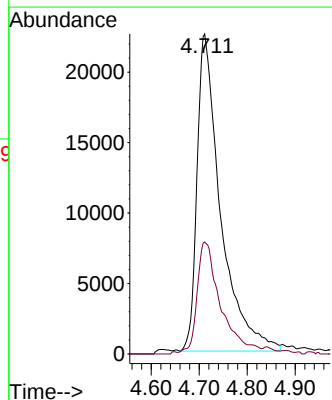
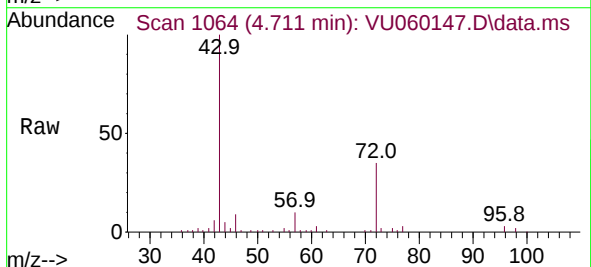
Instrument :
MSVOA_U
ClientSampleId :

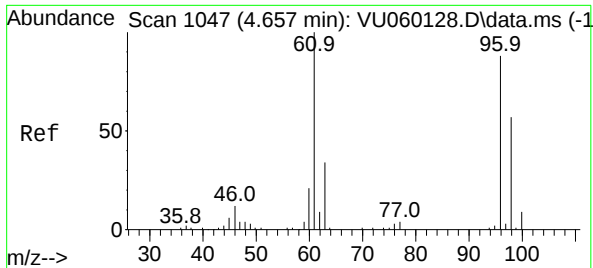
Tgt Ion: 63 Resp: 89940
Ion Ratio Lower Upper
63 100
65 32.5 22.0 40.8
83 13.7 9.7 17.9



#21
2-Butanone
Concen: 36.376 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion: 43 Resp: 76670
Ion Ratio Lower Upper
43 100
72 33.8 16.3 48.9

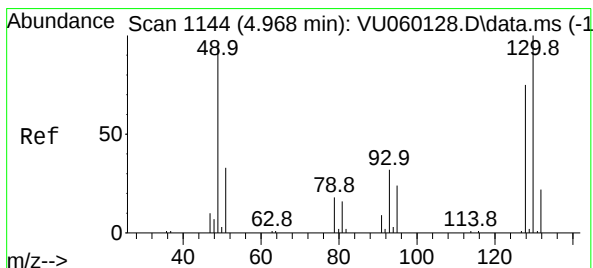
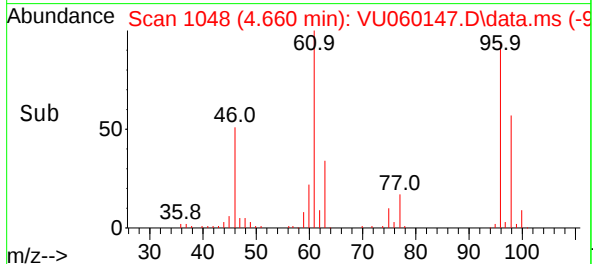
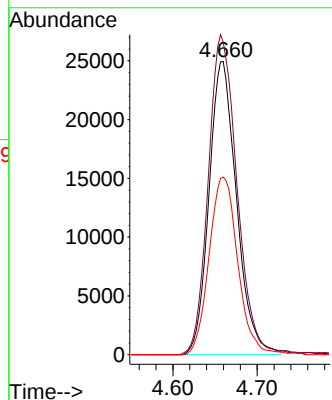
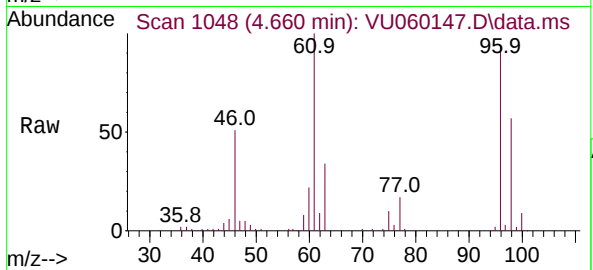




#22
cis-1,2-Dichloroethene
Concen: 5.149 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

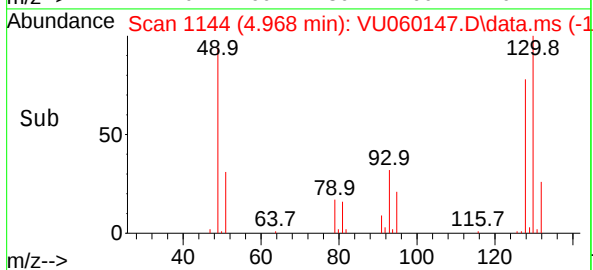
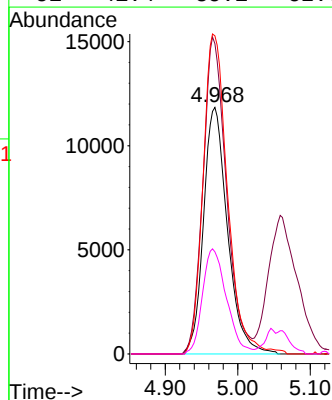
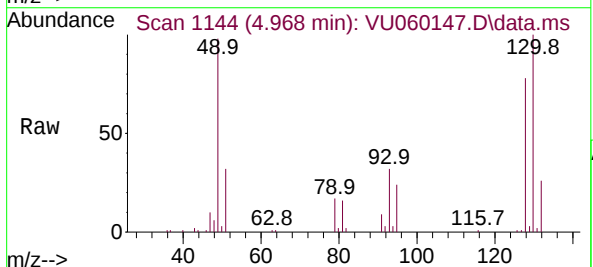
Instrument :
MSVOA_U
ClientSampleId :

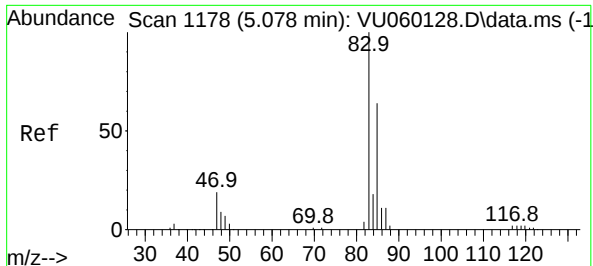
Tgt Ion: 96 Resp: 56662
Ion Ratio Lower Upper
96 100
61 106.6 80.2 148.9
98 60.6 44.7 83.1



#23
Bromochloromethane
Concen: 5.085 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion: 128 Resp: 27197
Ion Ratio Lower Upper
128 100
49 125.8 92.3 171.3
130 129.0 87.1 161.7
51 41.4 35.1 52.7





#25

Chloroform

Concen: 4.745 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

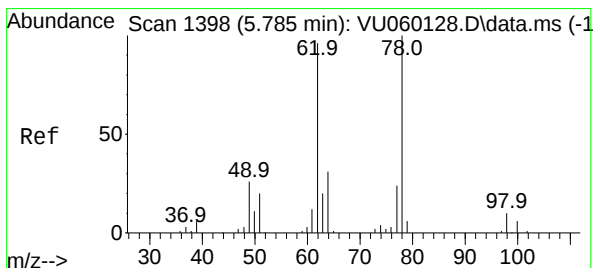
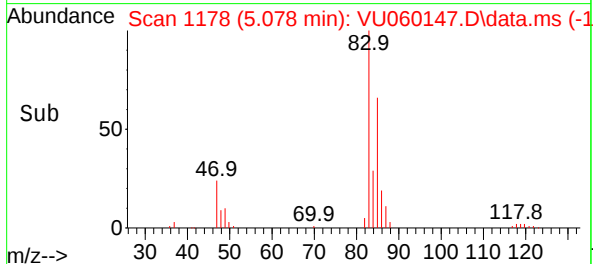
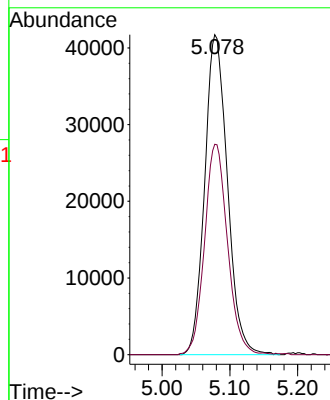
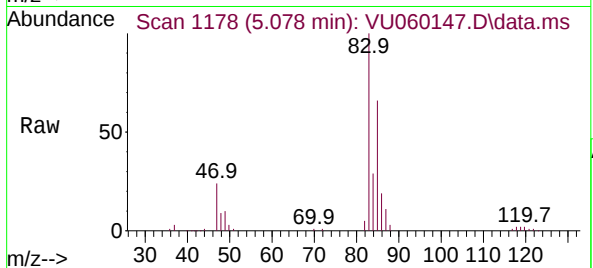
ClientSampleId :

Tgt Ion: 83 Resp: 97342

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.791 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU060147.D

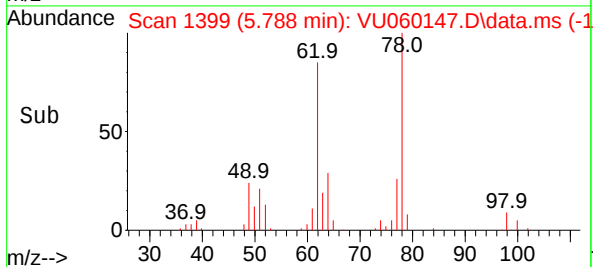
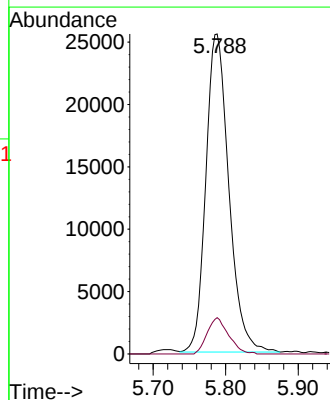
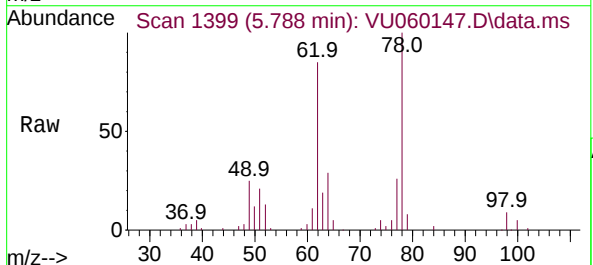
Acq: 24 Jul 2024 05:37

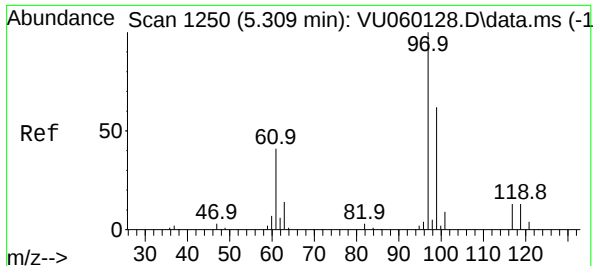
Tgt Ion: 62 Resp: 56178

Ion Ratio Lower Upper

62 100

98 11.3 7.9 11.9

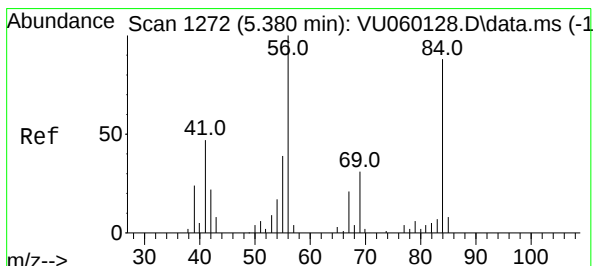
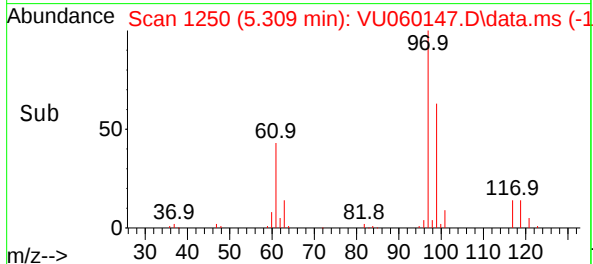
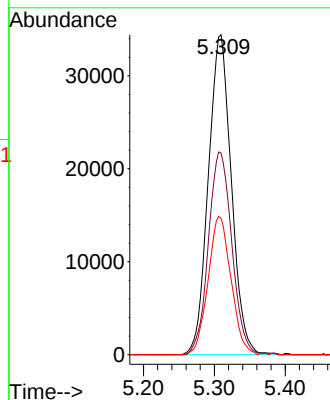
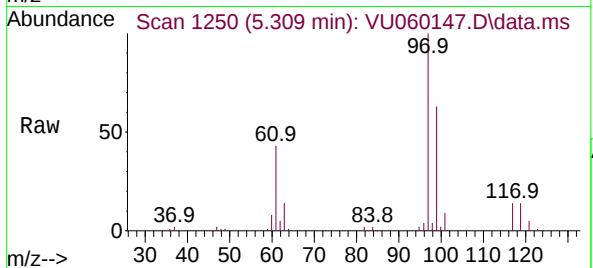




#29
1,1,1-Trichloroethane
Concen: 4.905 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

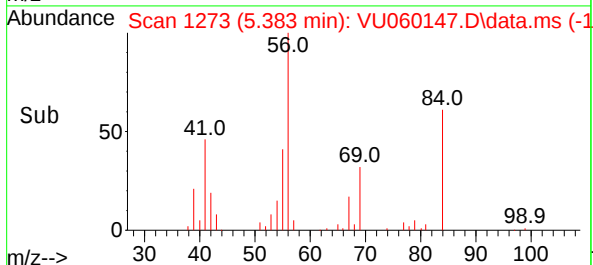
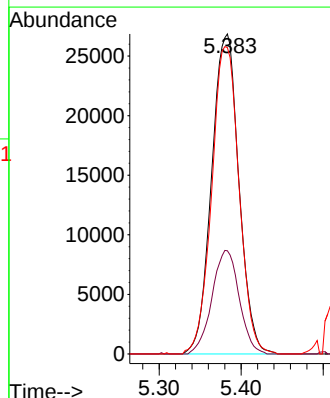
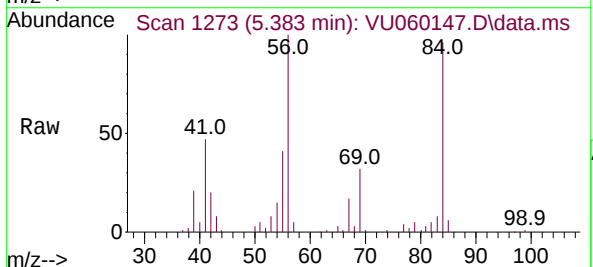
Instrument :
MSVOA_U
ClientSampleId :

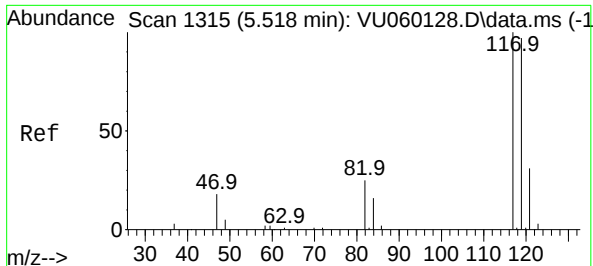
Tgt Ion: 97	Resp: 77715
Ion Ratio	Lower Upper
97 100	
99 64.4	51.0 76.4
61 43.0	34.1 51.1



#30
Cyclohexane
Concen: 4.945 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion: 56	Resp: 61966
Ion Ratio	Lower Upper
56 100	
69 32.3	26.6 39.8
84 96.4	77.2 115.8

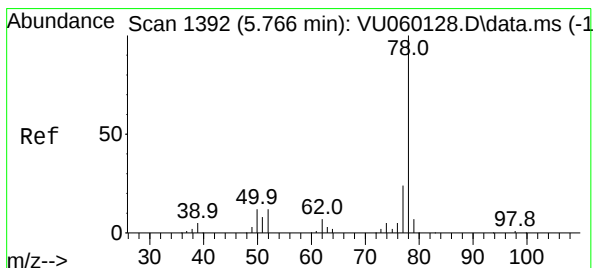
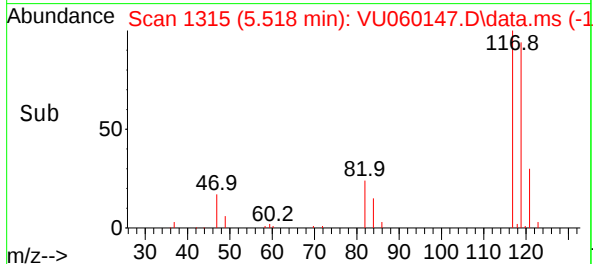
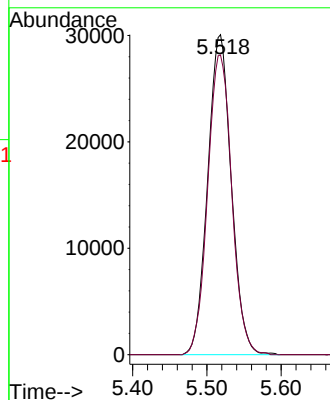
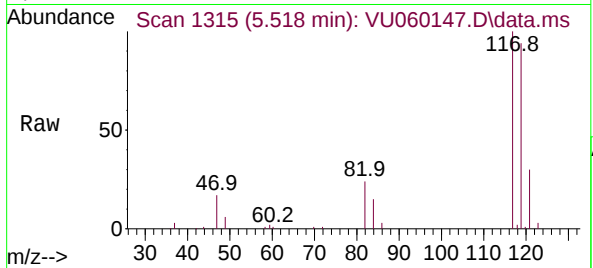




#31
Carbon tetrachloride
Concen: 4.862 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

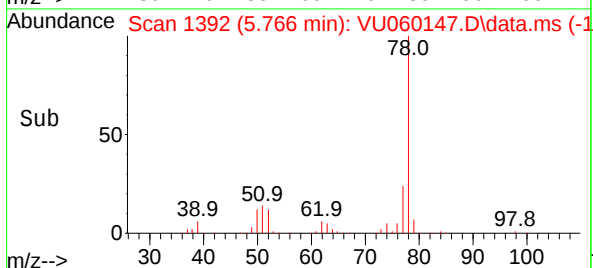
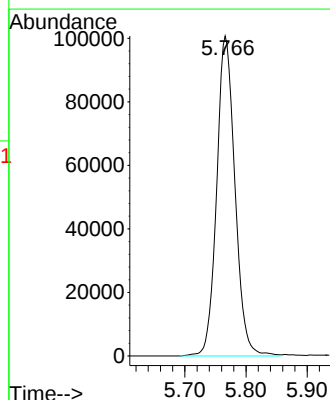
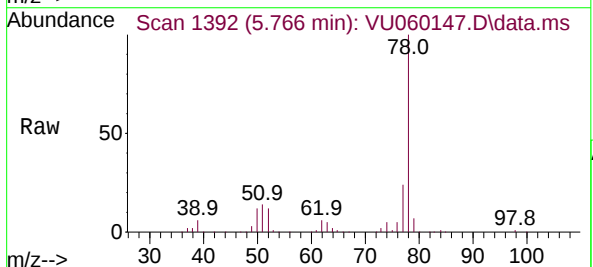
Instrument :
MSVOA_U
ClientSampleId :

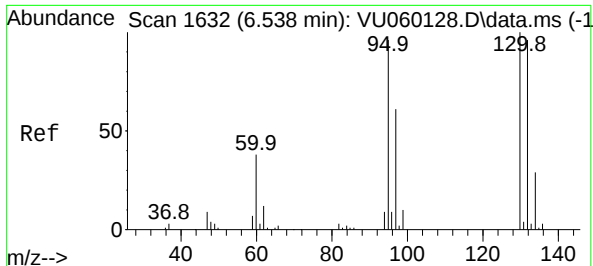
Tgt Ion:117 Resp: 66455
Ion Ratio Lower Upper
117 100
119 95.6 75.6 113.4



#33
Benzene
Concen: 4.996 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion: 78 Resp: 209385





#34

Trichloroethene

Concen: 5.060 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 56237

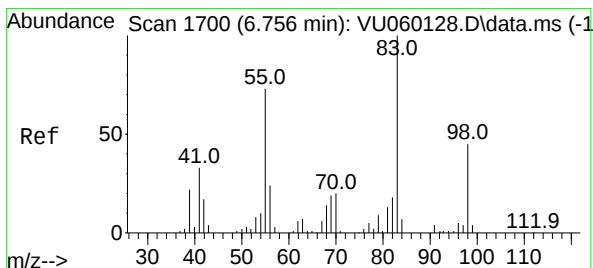
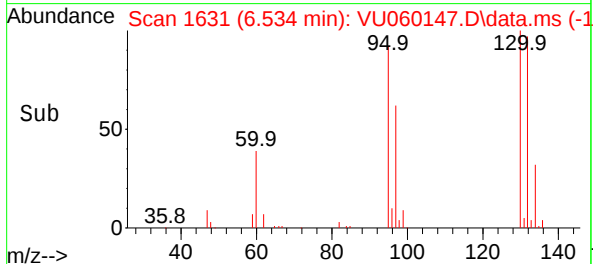
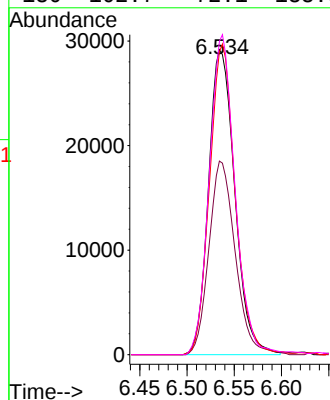
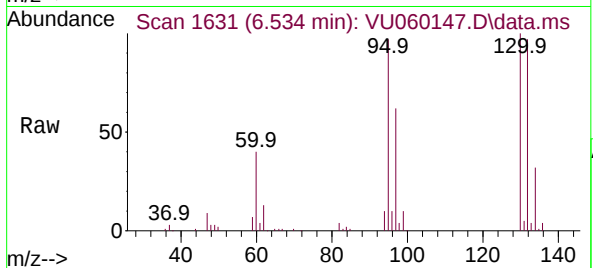
Ion Ratio Lower Upper

95 100

97 63.5 45.9 85.3

132 99.3 71.4 132.6

130 102.7 72.1 133.9



#35

Methylcyclohexane

Concen: 4.675 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

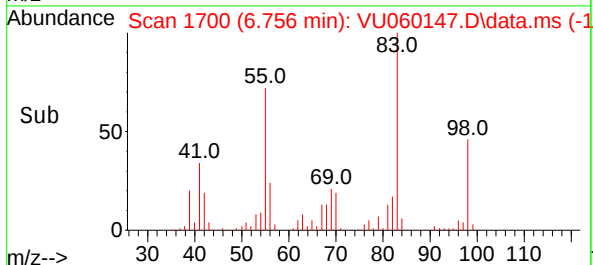
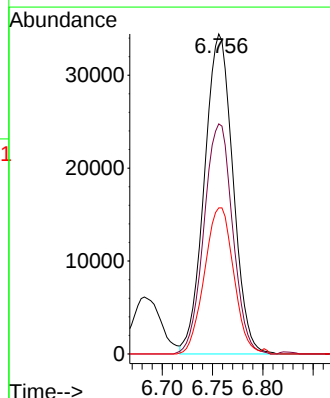
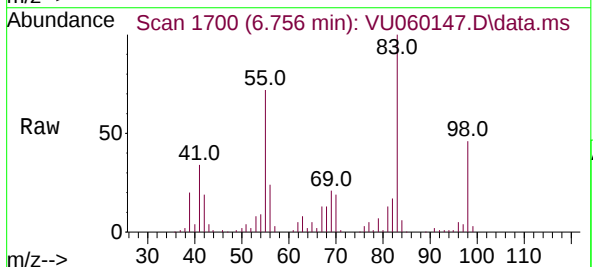
Tgt Ion: 83 Resp: 68110

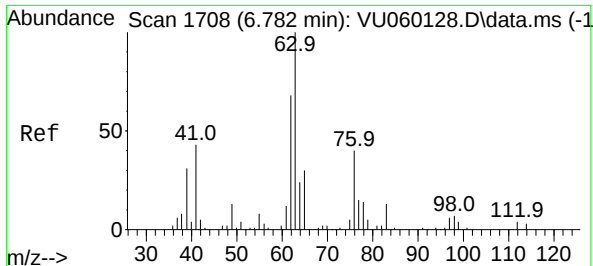
Ion Ratio Lower Upper

83 100

55 72.2 56.7 85.1

98 46.5 36.6 55.0

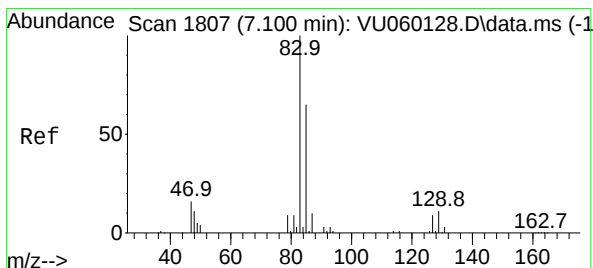
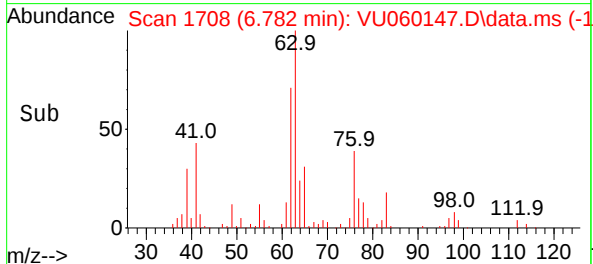
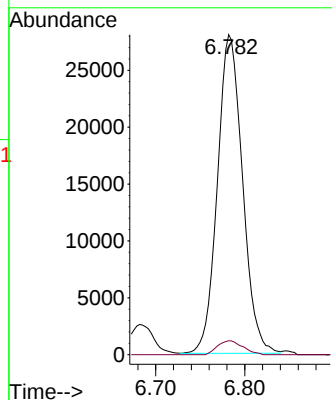
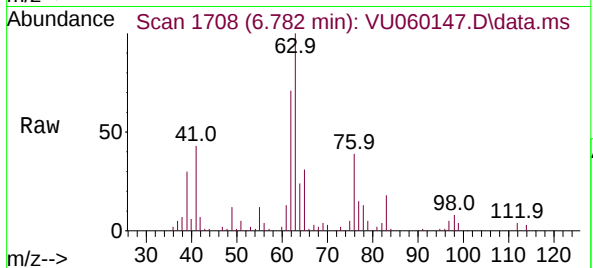




#37
1,2-Dichloropropane
Concen: 4.856 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

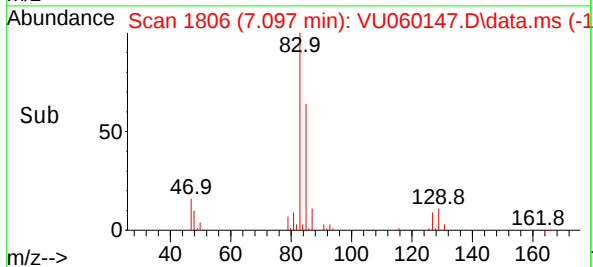
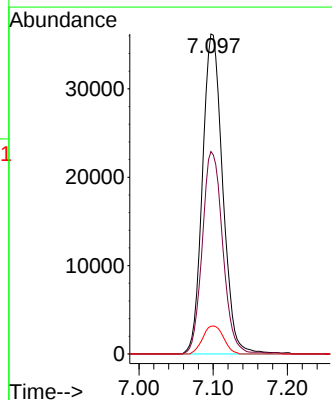
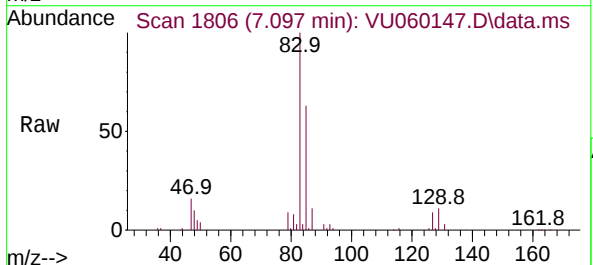
Instrument :
MSVOA_U
ClientSampleId :

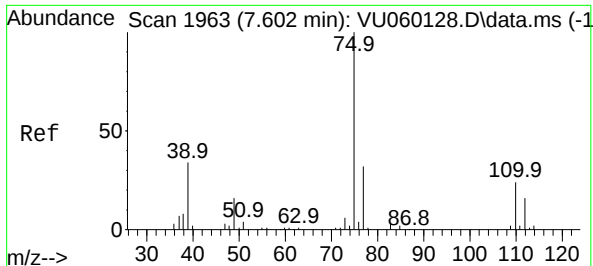
Tgt Ion: 63 Resp: 54974
Ion Ratio Lower Upper
63 100
112 4.4 3.3 4.9



#38
Bromodichloromethane
Concen: 4.832 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion: 83 Resp: 68542
Ion Ratio Lower Upper
83 100
85 63.3 43.5 80.7
127 8.6 7.1 10.7

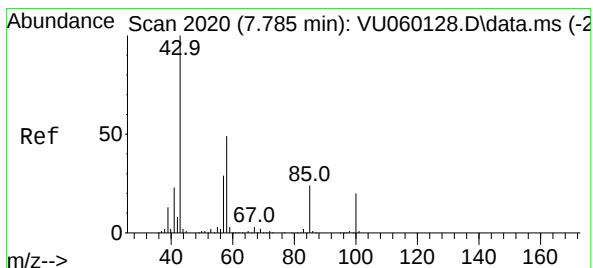
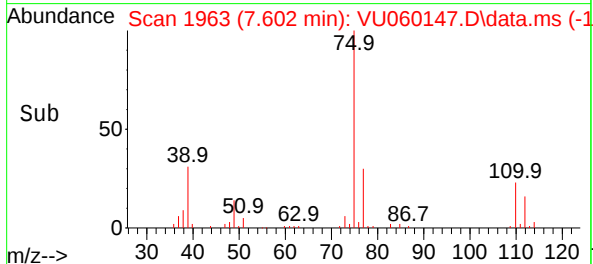
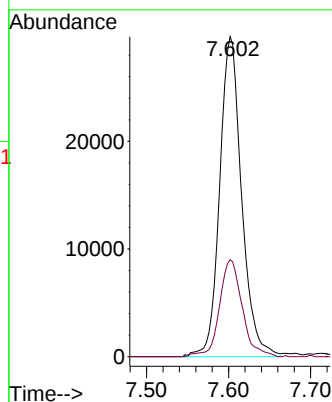
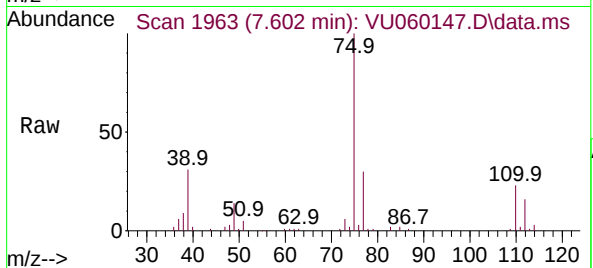




#39
 cis-1,3-Dichloropropene
 Concen: 3.740 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060147.D
 Acq: 24 Jul 2024 05:37

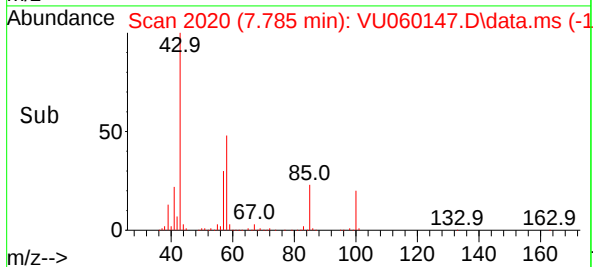
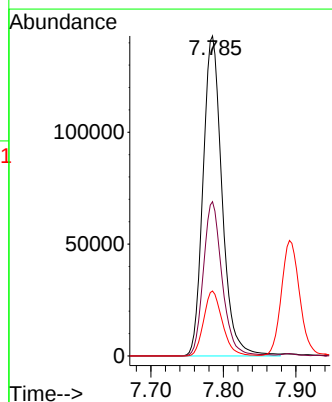
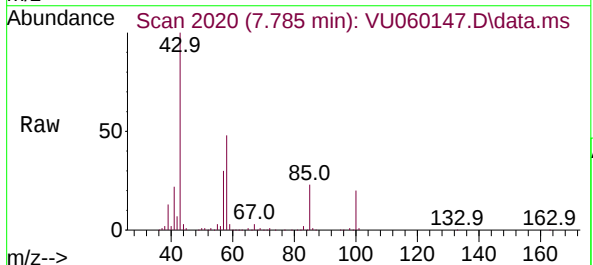
Instrument :
 MSVOA_U
 ClientSampleId :

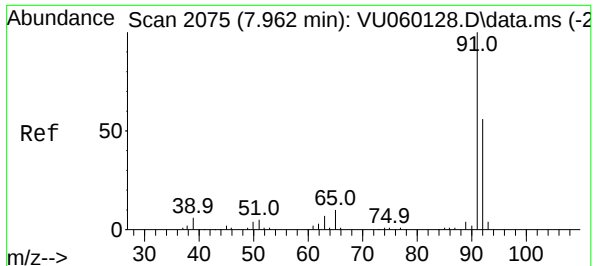
Tgt Ion: 75 Resp: 55331
 Ion Ratio Lower Upper
 75 100
 77 30.3 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 52.066 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060147.D
 Acq: 24 Jul 2024 05:37

Tgt Ion: 43 Resp: 260838
 Ion Ratio Lower Upper
 43 100
 58 47.6 36.0 54.0
 100 20.0 14.9 22.3





#42

Toluene

Concen: 5.142 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

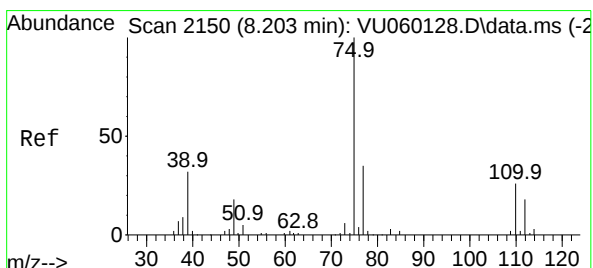
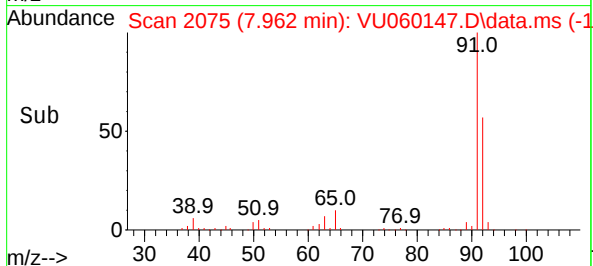
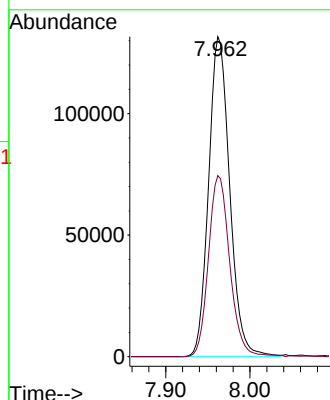
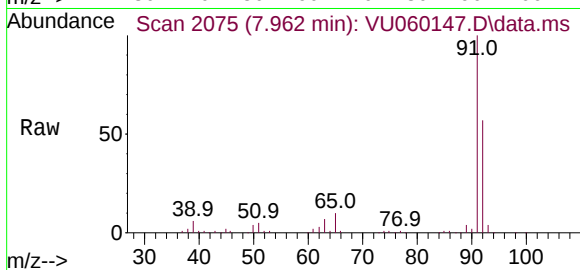
ClientSampleId :

Tgt Ion: 91 Resp: 229324

Ion Ratio Lower Upper

91 100

92 56.6 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 3.643 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060147.D

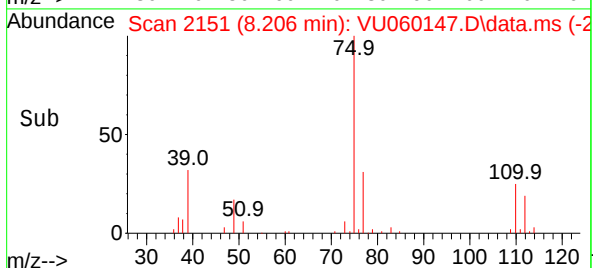
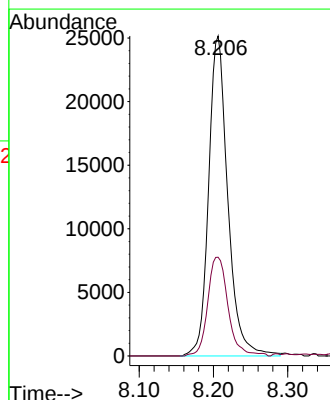
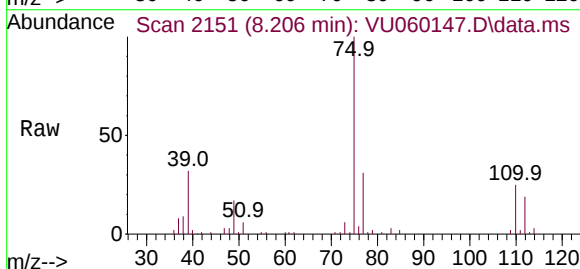
Acq: 24 Jul 2024 05:37

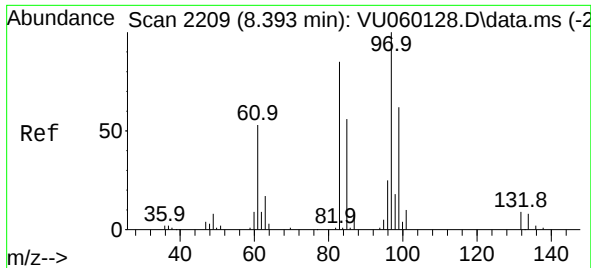
Tgt Ion: 75 Resp: 45025

Ion Ratio Lower Upper

75 100

77 30.9 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.081 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

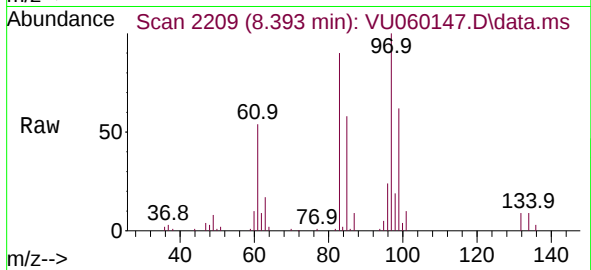
Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 43952

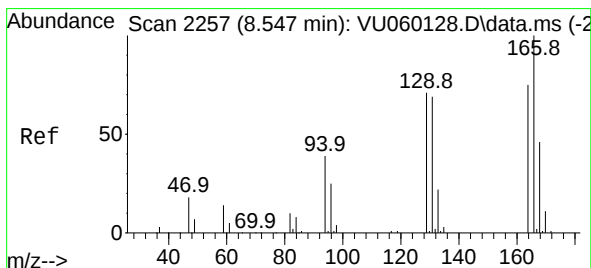
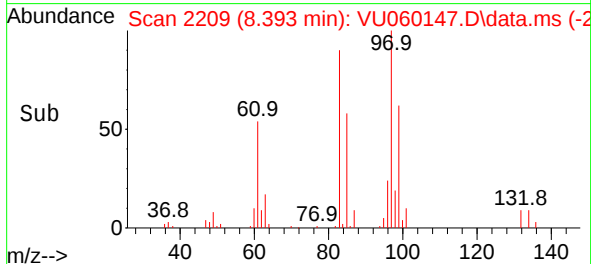
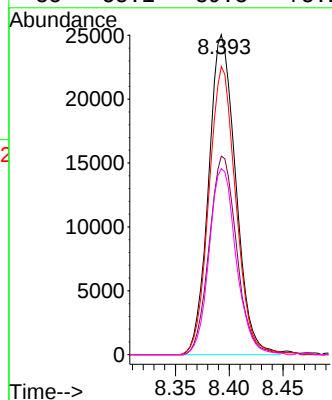
Ion Ratio Lower Upper

97 100

99 62.1 43.8 81.4

83 90.1 62.1 115.3

85 58.1 39.3 73.1



#47

Tetrachloroethene

Concen: 4.857 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Tgt Ion: 164 Resp: 44630

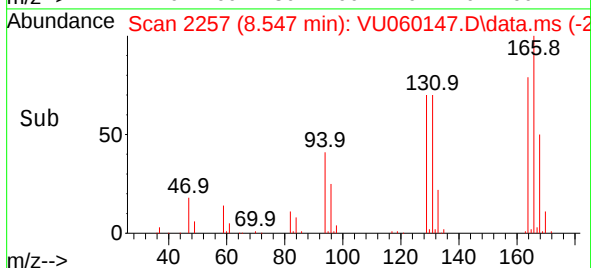
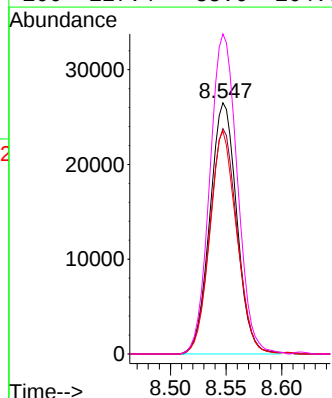
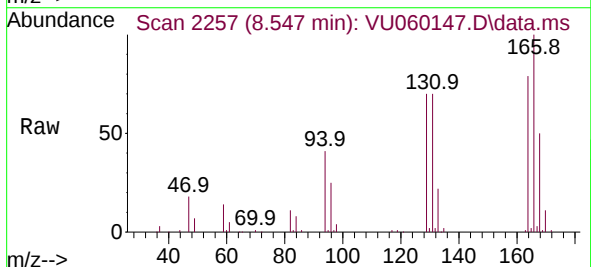
Ion Ratio Lower Upper

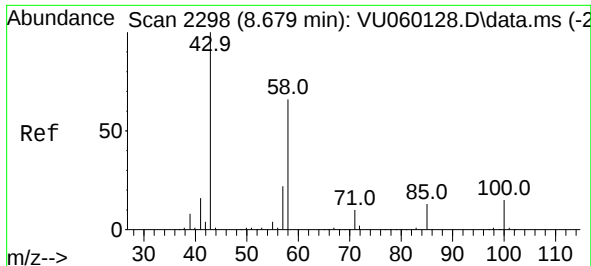
164 100

129 89.6 64.6 120.0

131 88.7 61.2 113.8

166 127.4 88.6 164.6





#48

2-Hexanone

Concen: 51.783 ug/L

RT: 8.679 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 189943

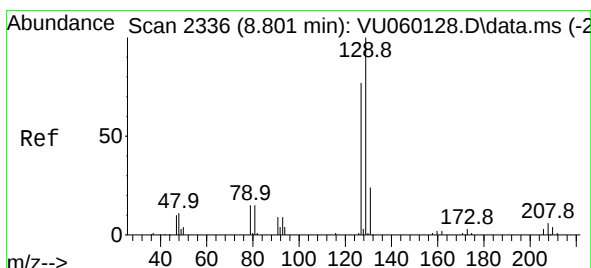
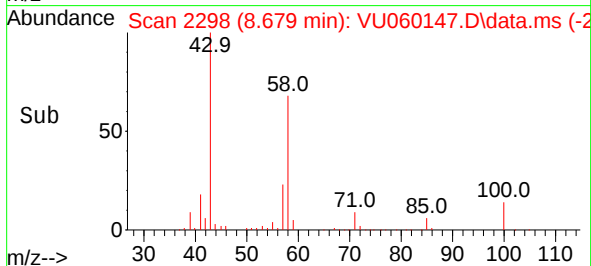
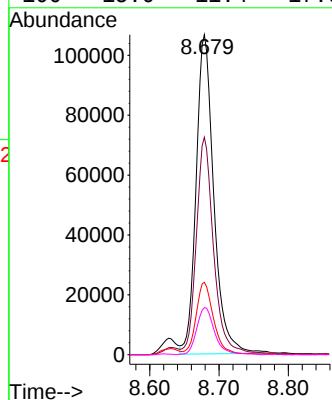
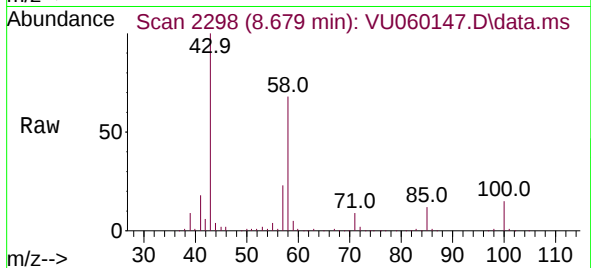
Ion Ratio Lower Upper

43 100

58 66.8 52.6 78.8

57 22.0 17.8 26.8

100 15.0 11.4 17.0



#49

Dibromochloromethane

Concen: 5.011 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU060147.D

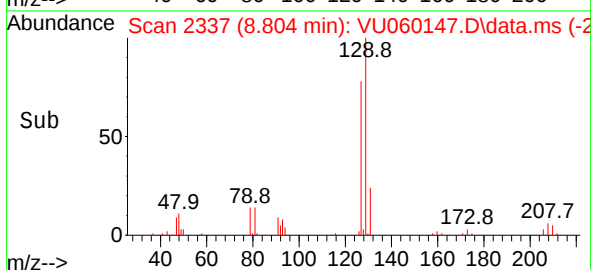
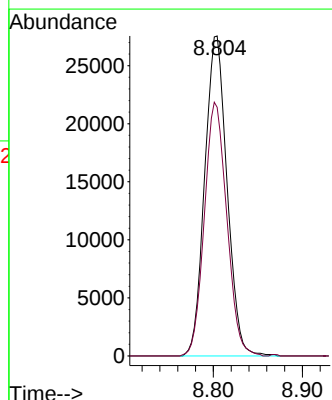
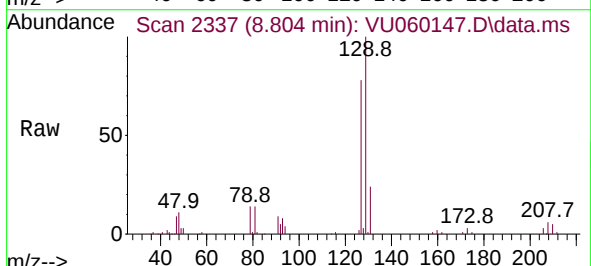
Acq: 24 Jul 2024 05:37

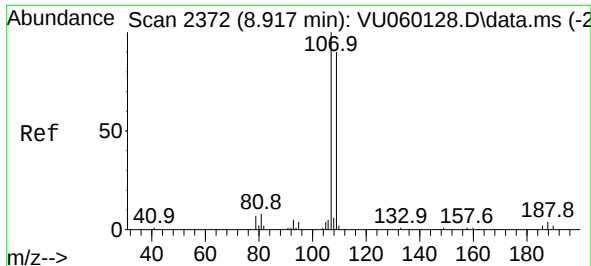
Tgt Ion:129 Resp: 47952

Ion Ratio Lower Upper

129 100

127 77.7 54.6 101.4





#50

1,2-Dibromoethane

Concen: 5.199 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU060147.D

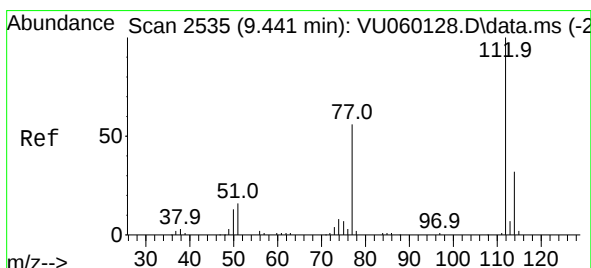
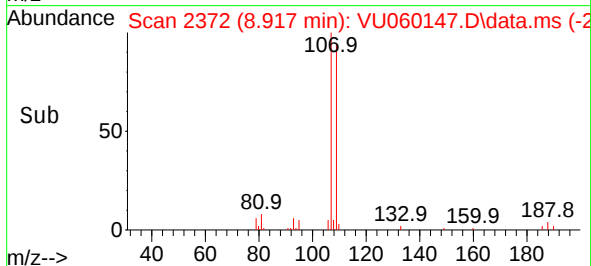
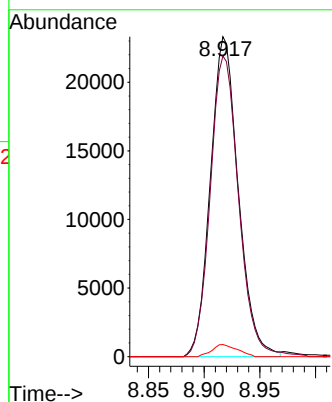
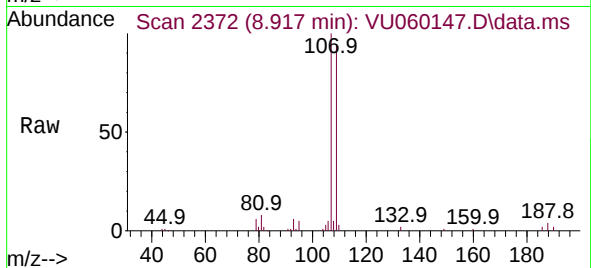
Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	40669
Ion Ratio	Lower	Upper	
107	100		
109	94.0	64.0	118.8
188	3.8	3.0	4.6



#51

Chlorobenzene

Concen: 5.096 ug/L

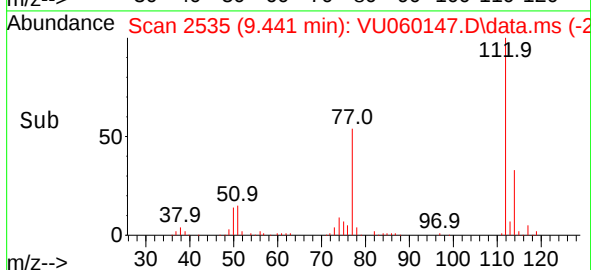
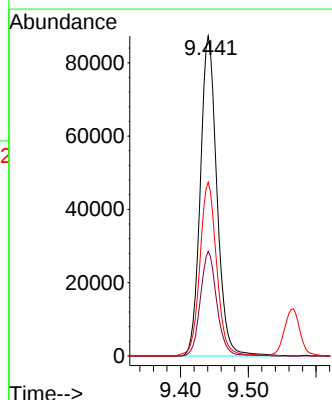
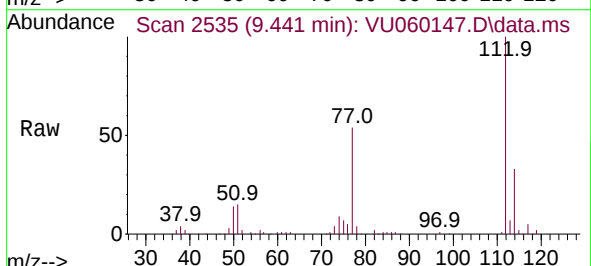
RT: 9.441 min Scan# 2535

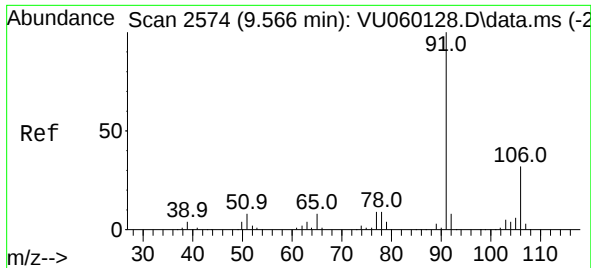
Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Tgt Ion:	112	Resp:	148461
Ion Ratio	Lower	Upper	
112	100		
114	32.7	22.1	41.1
77	54.2	44.7	67.1

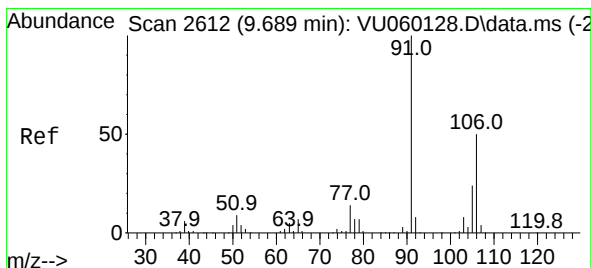
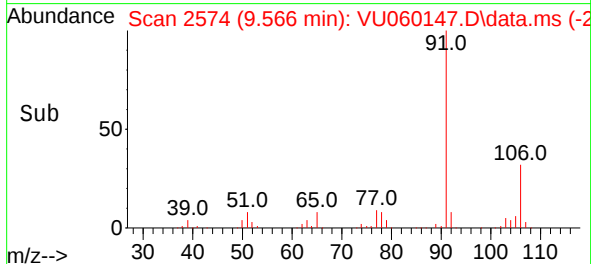
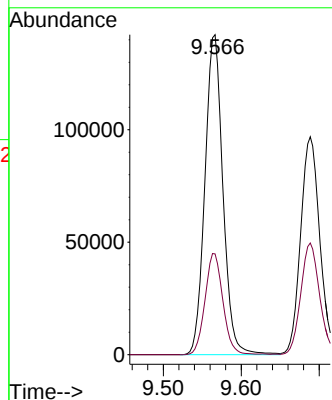
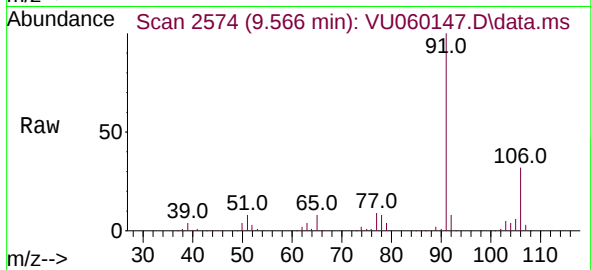




#52
Ethylbenzene
Concen: 5.146 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

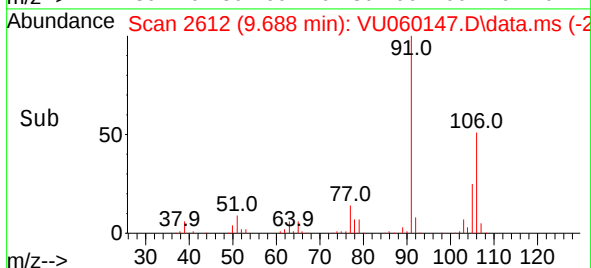
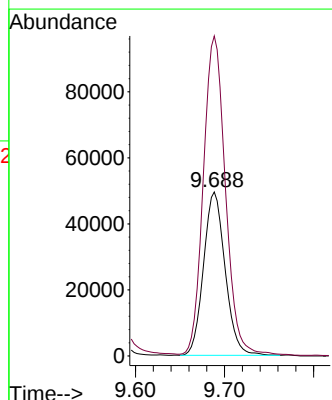
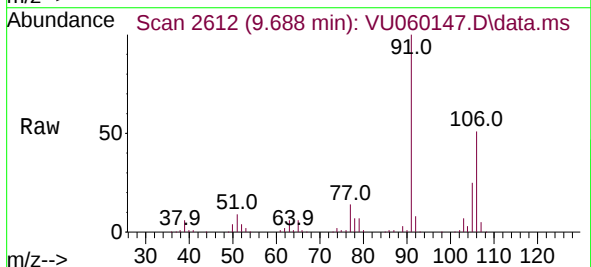
Instrument :
MSVOA_U
ClientSampleId :

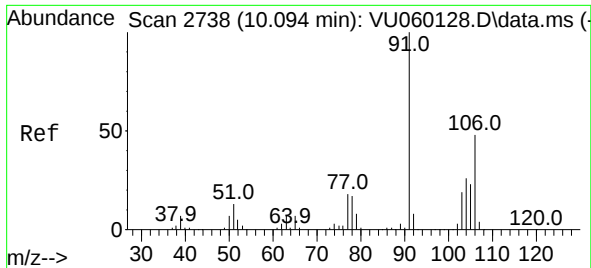
Tgt Ion: 91 Resp: 228885
Ion Ratio Lower Upper
91 100
106 31.5 21.9 40.7



#53
m,p-Xylene
Concen: 4.847 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion:106 Resp: 83285
Ion Ratio Lower Upper
106 100
91 195.0 141.3 262.5

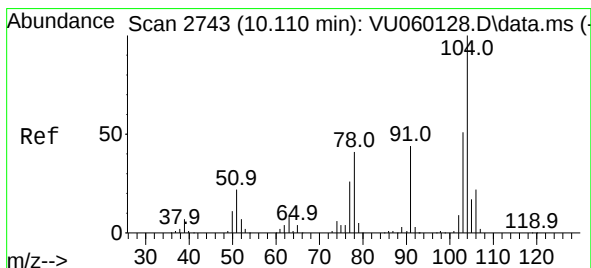
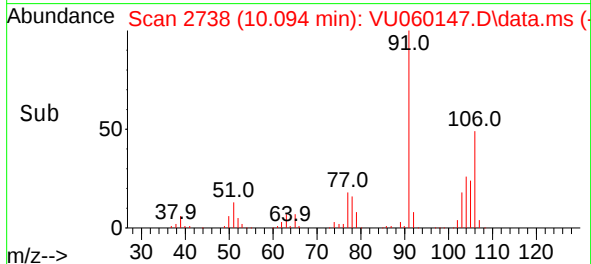
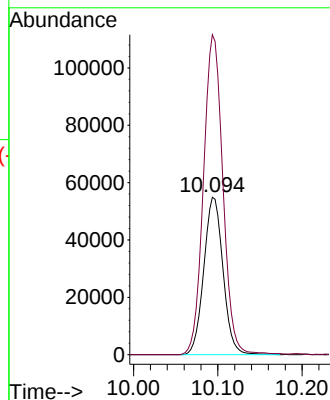
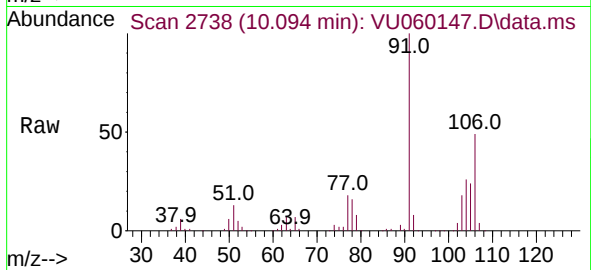




#54
o-Xylene
Concen: 5.312 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

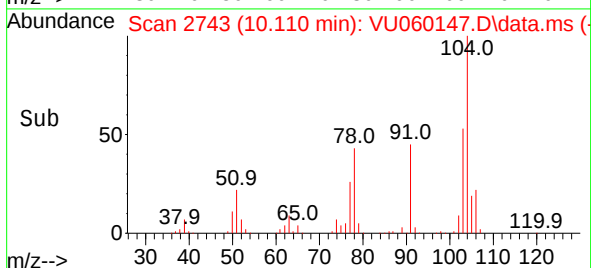
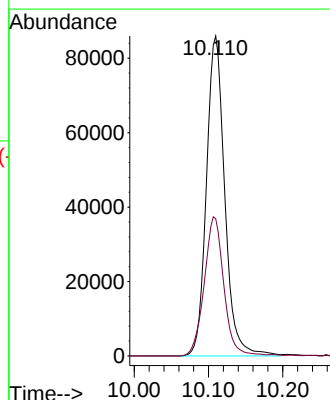
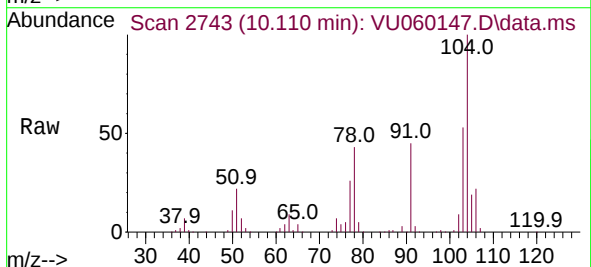
Instrument :
MSVOA_U
ClientSampleId :

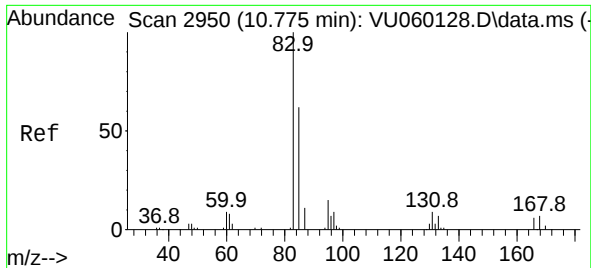
Tgt Ion:106 Resp: 87275
Ion Ratio Lower Upper
106 100
91 203.2 143.6 266.6



#55
Styrene
Concen: 5.268 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion:104 Resp: 147337
Ion Ratio Lower Upper
104 100
78 42.9 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.056 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060147.D

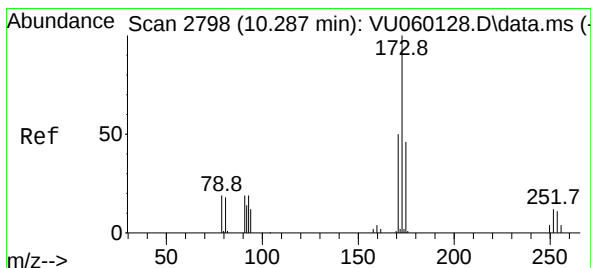
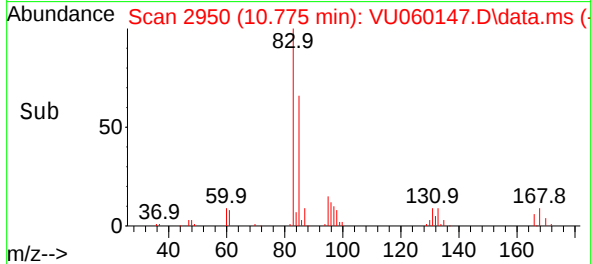
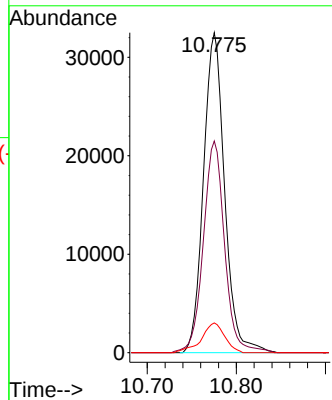
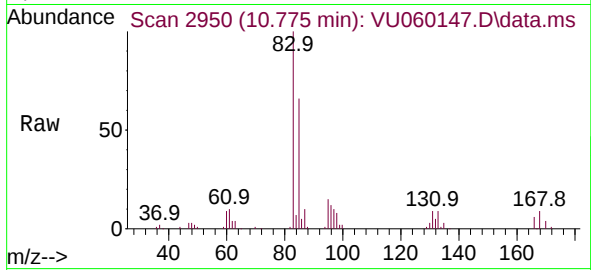
Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	53505
Ion Ratio	Lower	Upper	
83	100		
85	66.2	46.8	87.0
131	9.3	7.8	11.6



#59

Bromoform

Concen: 5.129 ug/L

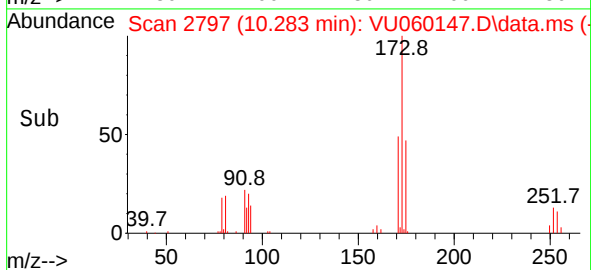
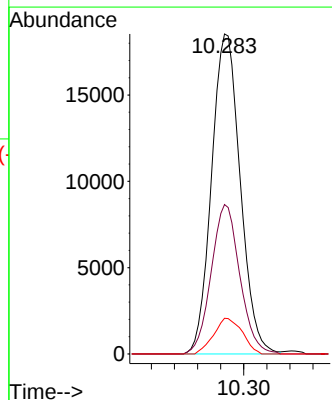
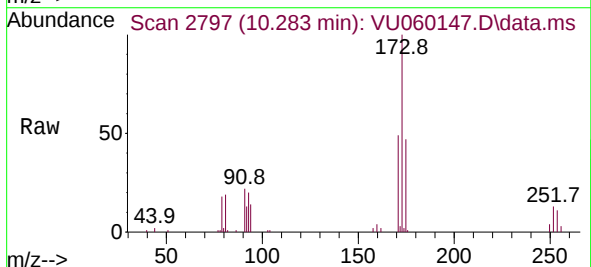
RT: 10.283 min Scan# 2797

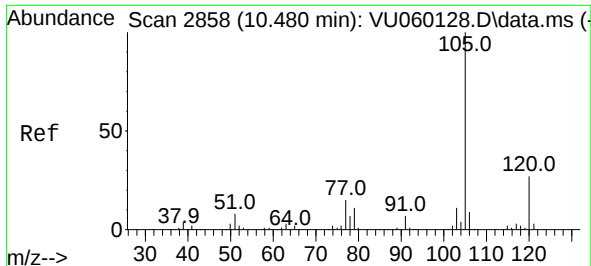
Delta R.T. -0.003 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Tgt Ion:	173	Resp:	31958
Ion Ratio	Lower	Upper	
173	100		
175	46.5	38.7	58.1
254	11.1	9.0	13.4

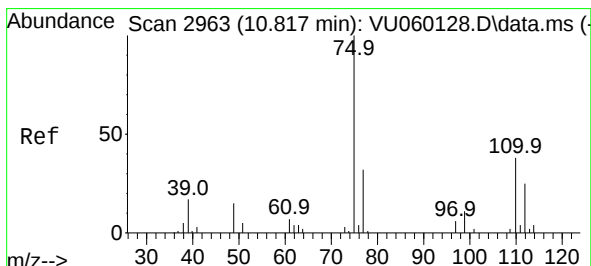
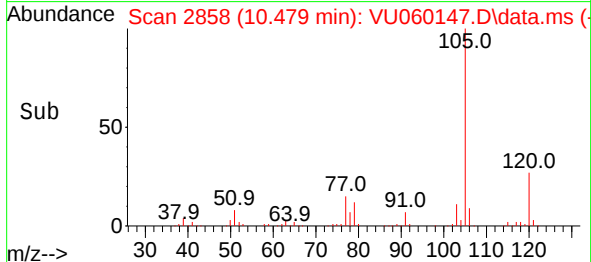
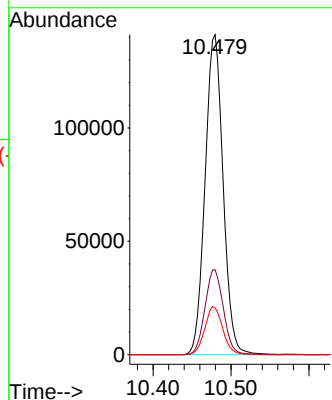
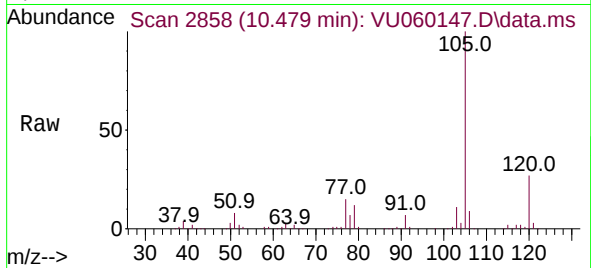




#60
Isopropylbenzene
Concen: 5.052 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

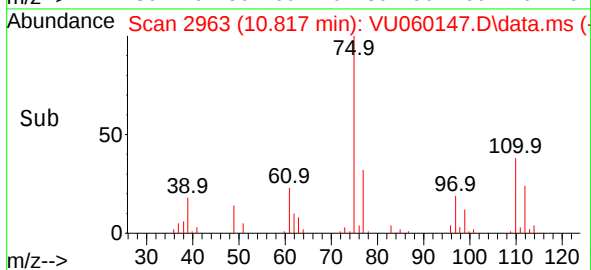
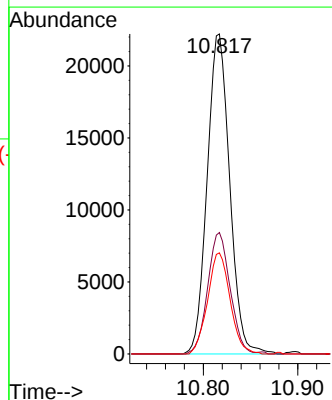
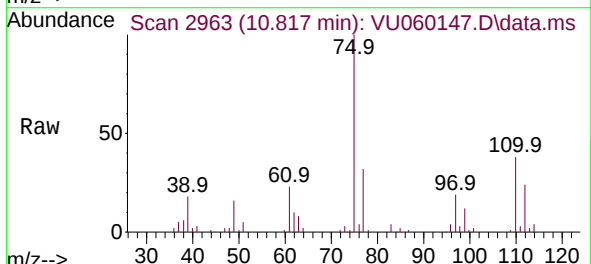
Instrument :
MSVOA_U
ClientSampleId :

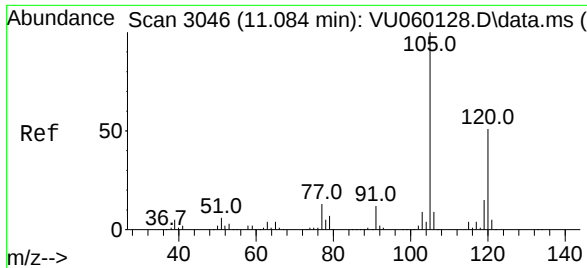
Tgt Ion:105 Resp: 226553
Ion Ratio Lower Upper
105 100
120 27.1 21.9 32.9
77 15.0 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.087 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion: 75 Resp: 36772
Ion Ratio Lower Upper
75 100
110 37.8 30.8 46.2
77 31.6 26.2 39.2

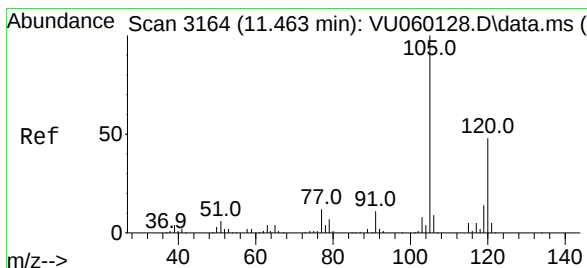
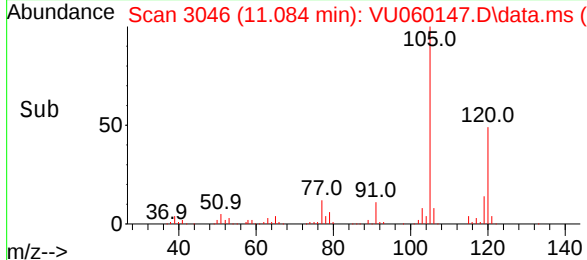
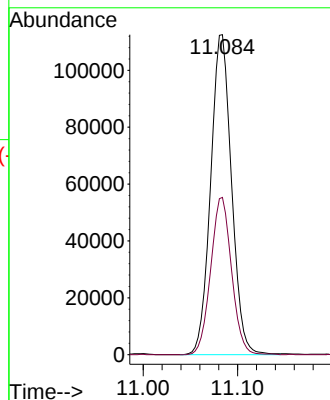
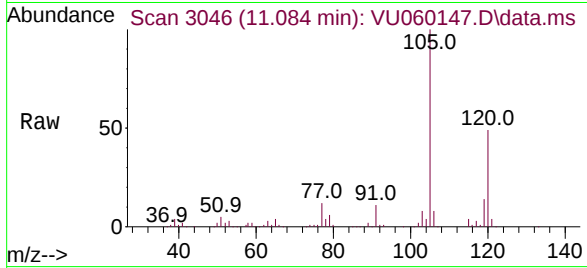




#62
1,3,5-Trimethylbenzene
Concen: 5.045 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

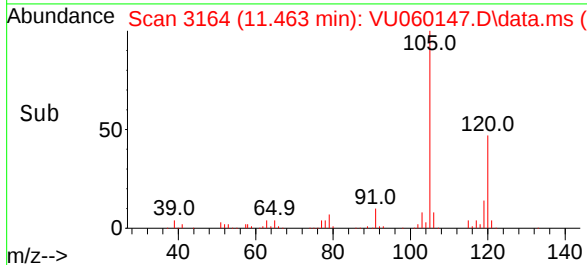
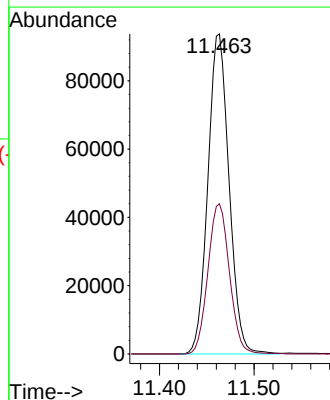
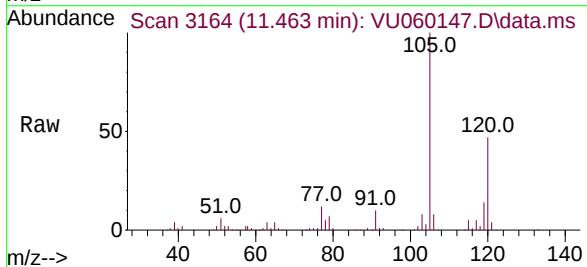
Instrument :
MSVOA_U
ClientSampleId :

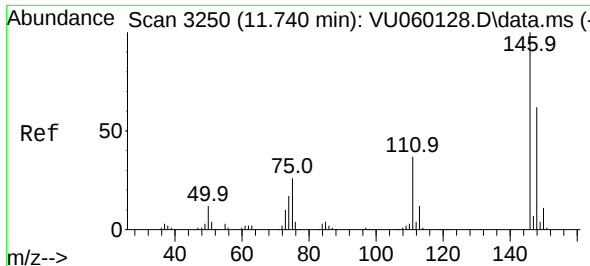
Tgt Ion:105 Resp: 172871
Ion Ratio Lower Upper
105 100
120 49.0 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 4.401 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion:105 Resp: 145718
Ion Ratio Lower Upper
105 100
120 47.8 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 5.003 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

ClientSampleId :

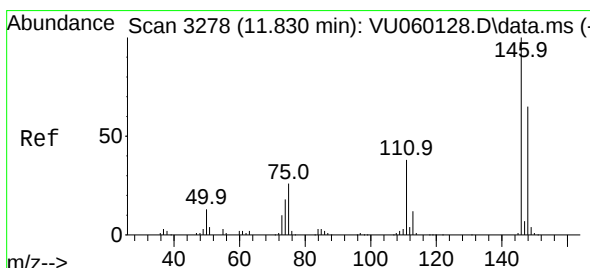
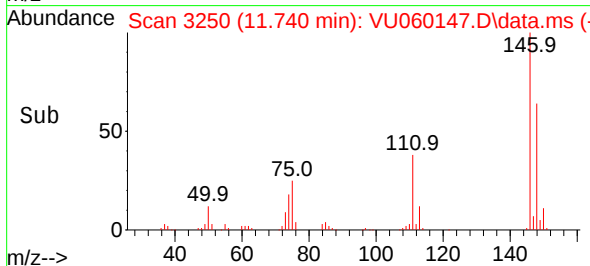
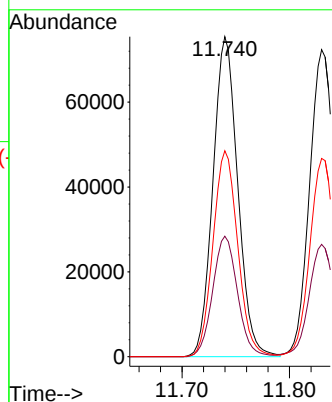
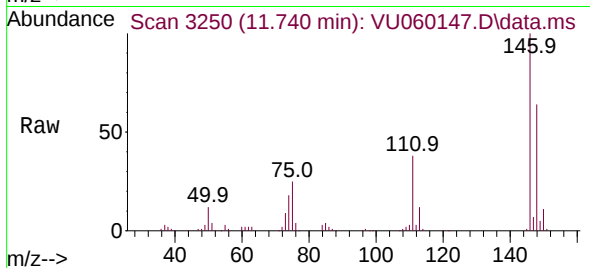
Tgt Ion:146 Resp: 120724

Ion Ratio Lower Upper

146 100

111 37.7 27.2 50.4

148 64.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 4.927 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

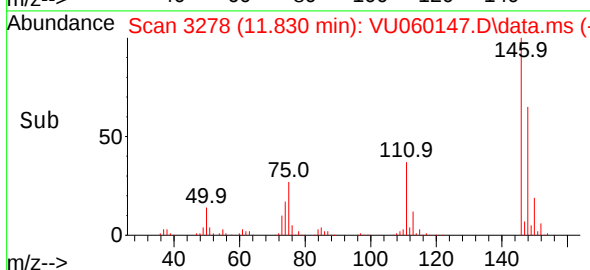
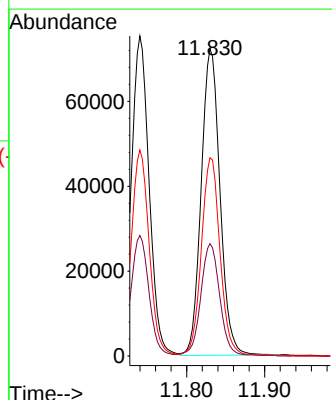
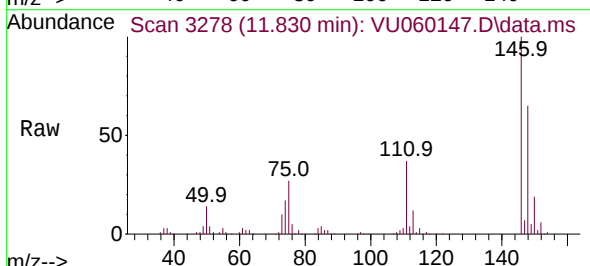
Tgt Ion:146 Resp: 121017

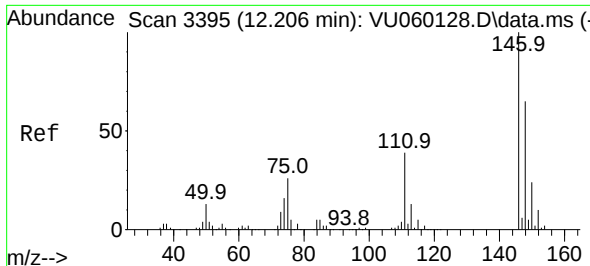
Ion Ratio Lower Upper

146 100

111 36.6 26.5 49.1

148 64.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.019 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

ClientSampleId :

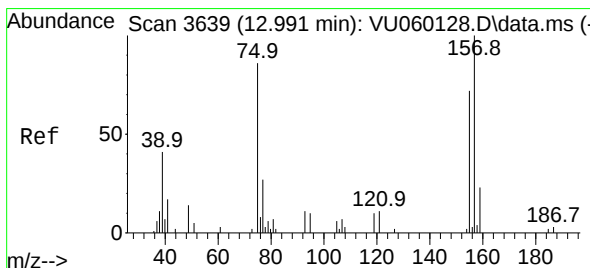
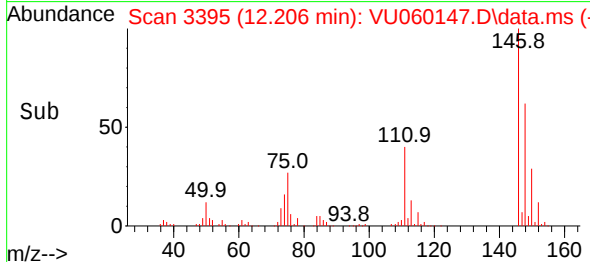
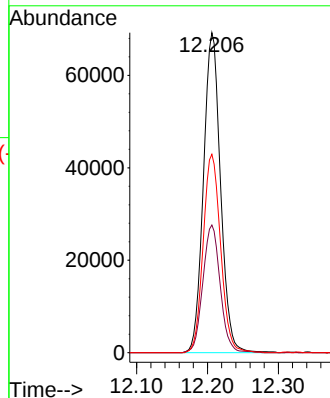
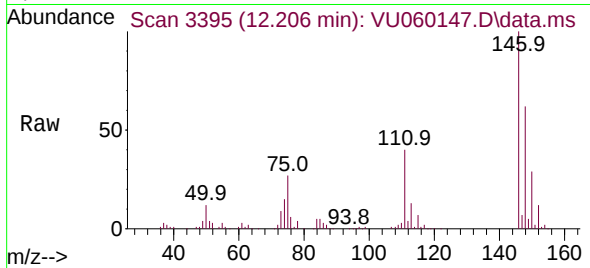
Tgt Ion:146 Resp: 115930

Ion Ratio Lower Upper

146 100

111 39.9 30.9 46.3

148 62.0 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.279 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

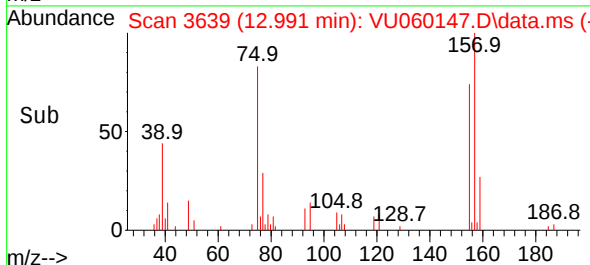
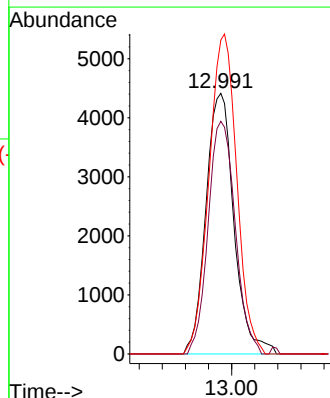
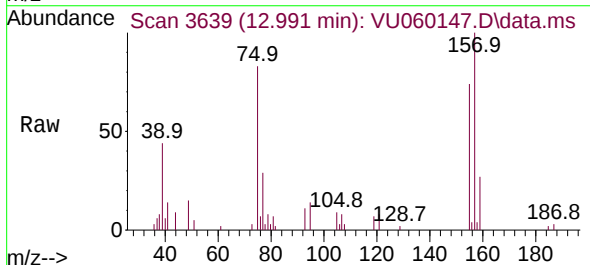
Tgt Ion: 75 Resp: 7437

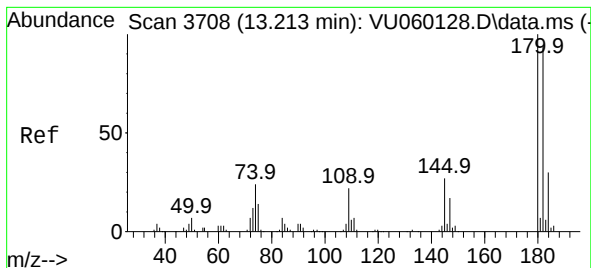
Ion Ratio Lower Upper

75 100

155 89.2 70.6 105.8

157 120.5 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 4.716 ug/L

RT: 13.212 min Scan# 3

Delta R.T. -0.000 min

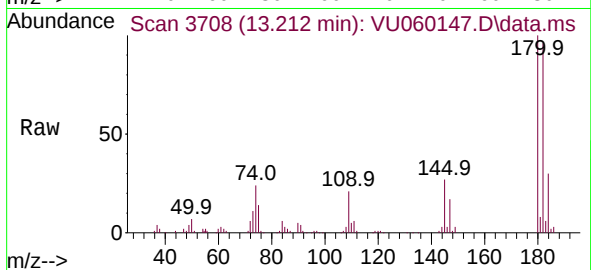
Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 85884

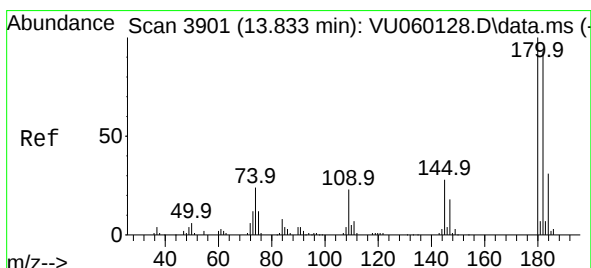
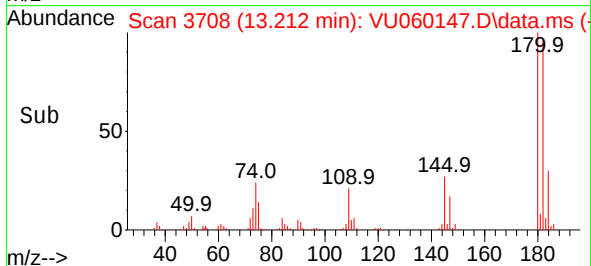
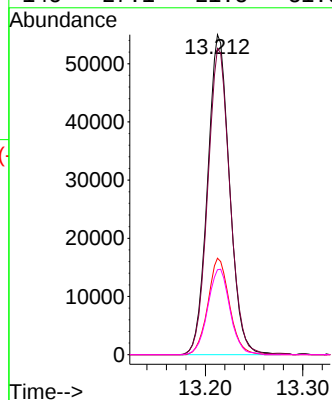
Ion Ratio Lower Upper

180 100

182 96.5 74.6 111.8

184 29.6 23.1 34.7

145 27.1 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 4.966 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060147.D

Acq: 24 Jul 2024 05:37

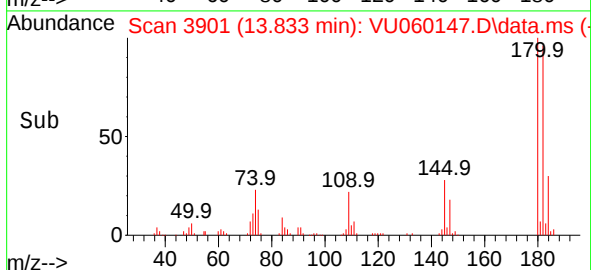
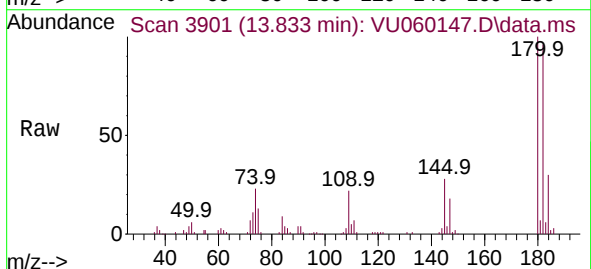
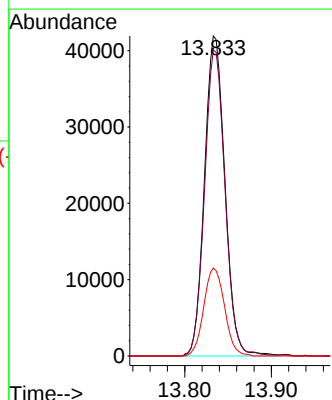
Tgt Ion:180 Resp: 68834

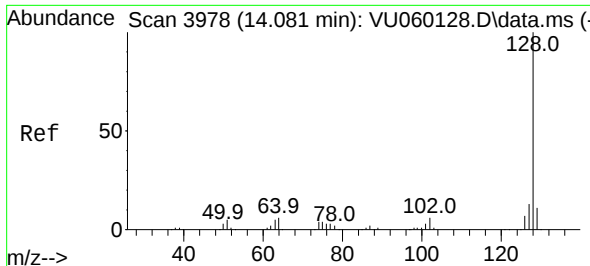
Ion Ratio Lower Upper

180 100

182 95.5 77.2 115.8

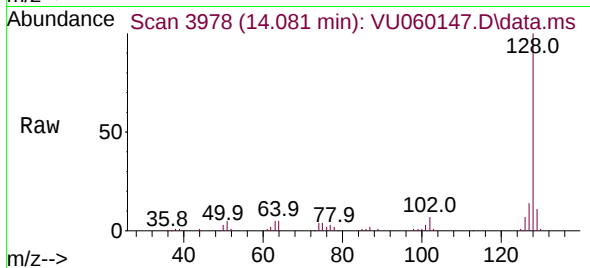
145 27.8 23.0 34.4



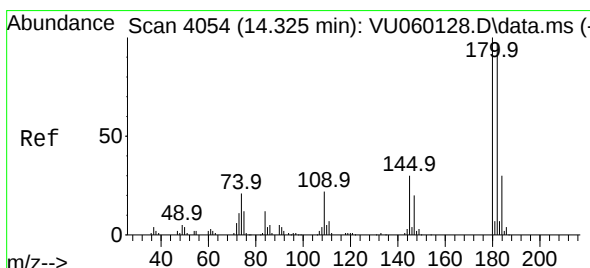
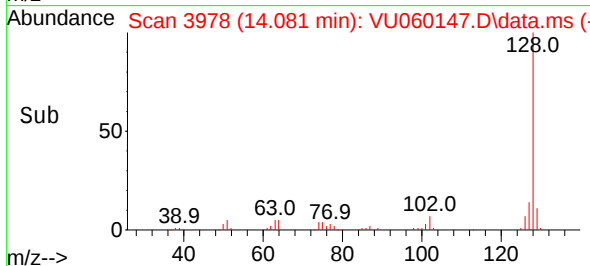
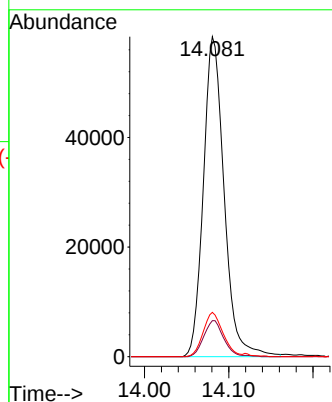


#71
Naphthalene
Concen: 5.104 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 100226
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 13.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.269 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU060147.D
Acq: 24 Jul 2024 05:37

Tgt Ion:180 Resp: 65684
Ion Ratio Lower Upper
180 100
182 95.0 76.3 114.5
145 30.0 23.9 35.9

