

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060937.D
 Acq On : 20 Sep 2024 11:54
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 01:36:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135103	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38833	3.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.911	69	34867	4.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.560	65	15710	3.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.644	46	115607	59.262	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.520%
24) Chloroform-d	5.055	84	86454	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.695	65	42790	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	156674	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.682	67	54120	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.891	98	142781	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.174	79	18141	4.423	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	98194	60.697	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47520	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	51601	4.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52378	5.136	ug/L	98
3) Chloromethane	1.518	50	56960	5.287	ug/L	98
5) Vinyl chloride	1.602	62	61833	5.303	ug/L	97
6) Bromomethane	1.856	94	24705	3.316	ug/L	88
8) Chloroethane	1.930	64	40098	5.629	ug/L	94
9) Trichlorofluoromethane	2.133	101	89280	5.575	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46750	5.024	ug/L	99
12) 1,1-Dichloroethene	2.573	96	44760	5.267	ug/L	89
13) Acetone	2.663	43	70045	53.820	ug/L	94
14) Carbon disulfide	2.789	76	117458	4.982	ug/L	98
15) Methyl Acetate	2.962	43	17187	5.417	ug/L	95
16) Methylene chloride	3.039	84	51207	5.203	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	109529	5.703	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	43648	4.957	ug/L	95
19) 1,1-Dichloroethane	3.862	63	96824	5.476	ug/L	98
21) 2-Butanone	4.718	43	125378	59.180	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	53188	5.457	ug/L	97
23) Bromochloromethane	4.972	128	25544	5.549	ug/L	97
25) Chloroform	5.078	83	101517	5.507	ug/L	96

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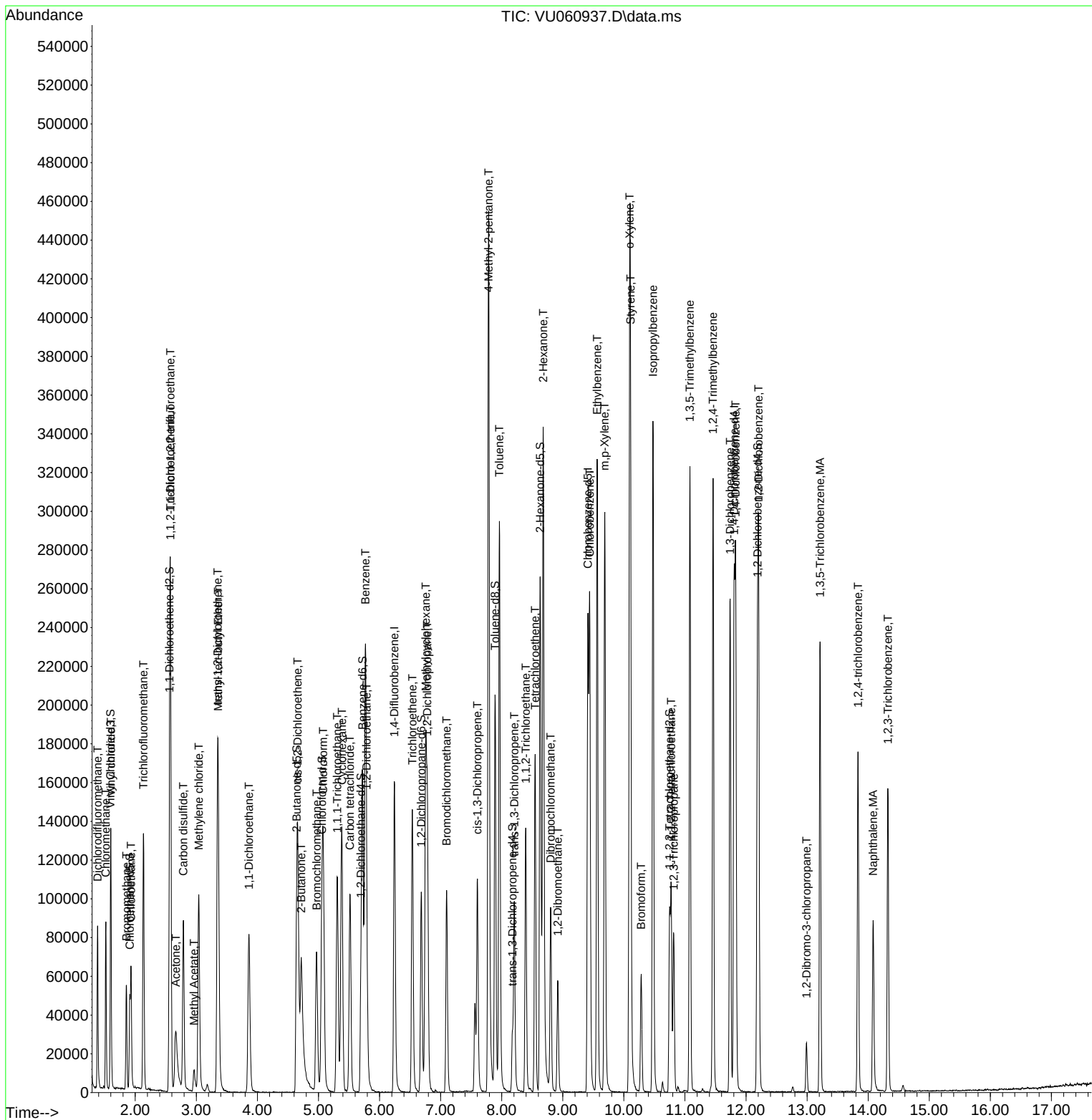
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 ClientSampleId :

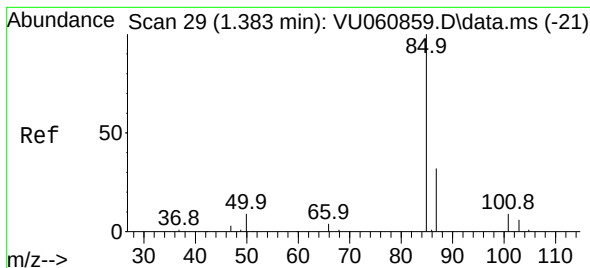
Quant Time: Sep 21 01:36:57 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	62028	5.806	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	82532	5.564	ug/L	99
30) Cyclohexane	5.383	56	65657	5.386	ug/L	95
31) Carbon tetrachloride	5.515	117	71958	5.480	ug/L	97
33) Benzene	5.766	78	211416	5.596	ug/L	100
34) Trichloroethene	6.538	95	53876	5.440	ug/L	96
35) Methylcyclohexane	6.756	83	65184	4.798	ug/L	99
37) 1,2-Dichloropropane	6.782	63	60503	5.812	ug/L #	98
38) Bromodichloromethane	7.097	83	71771	5.621	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	70330	5.080	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	306308	63.013	ug/L	98
42) Toluene	7.962	91	221539	5.609	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	60753	5.336	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	42356	5.636	ug/L	98
47) Tetrachloroethene	8.547	164	40311	5.122	ug/L	95
48) 2-Hexanone	8.679	43	229857	64.873	ug/L	97
49) Dibromochloromethane	8.801	129	47966	5.607	ug/L	100
50) 1,2-Dibromoethane	8.917	107	38845	5.792	ug/L	94
51) Chlorobenzene	9.441	112	141215	5.324	ug/L	99
52) Ethylbenzene	9.563	91	229219	5.512	ug/L	99
53) m,p-Xylene	9.685	106	87068	5.522	ug/L	98
54) o-Xylene	10.094	106	84031	5.401	ug/L	92
55) Styrene	10.110	104	147543	5.626	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	54512	5.816	ug/L	98
59) Bromoform	10.283	173	29075	5.571	ug/L	97
60) Isopropylbenzene	10.476	105	226741	5.525	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	36815	5.700	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	171843	5.388	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	168698	5.353	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	110108	5.336	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	107525	5.041	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	102461	5.252	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7497	5.944	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	73496	4.761	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	56121	5.162	ug/L	98
71) Naphthalene	14.081	128	79245	5.526	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	50548	5.381	ug/L	99

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

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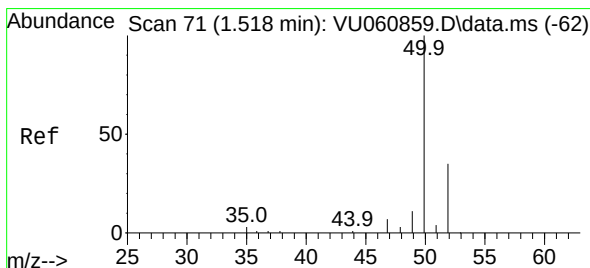
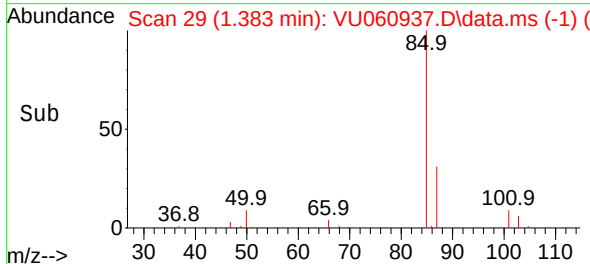
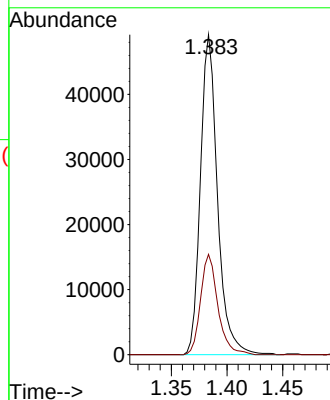
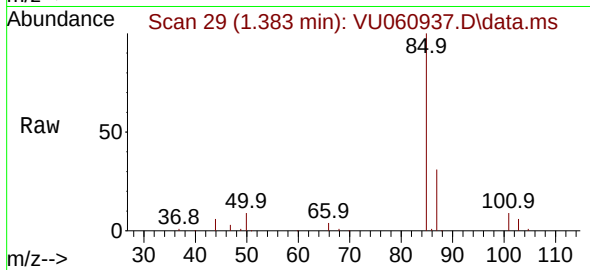




#2
Dichlorodifluoromethane
Concen: 5.136 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

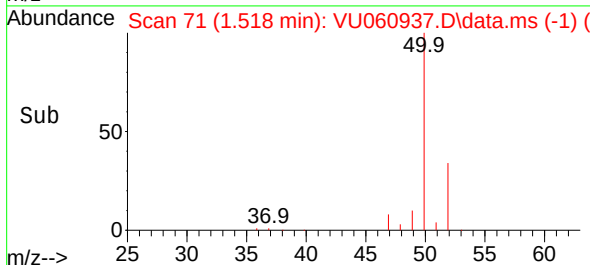
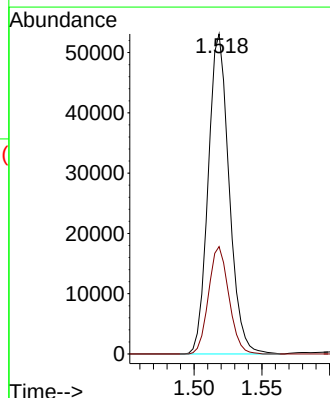
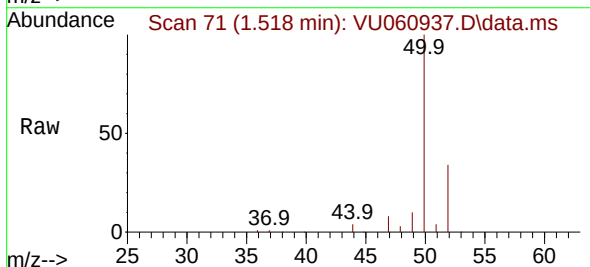
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MSVOA_U
ClientSampleId :

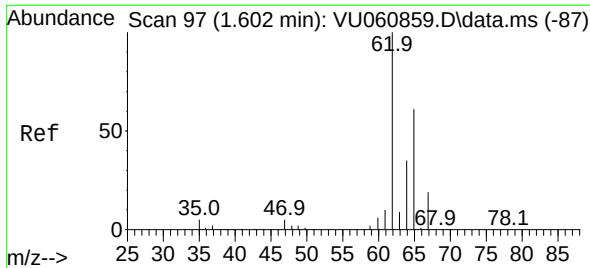
Tgt Ion: 85 Resp: 52378
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.2



#3
Chloromethane
Concen: 5.287 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion: 50 Resp: 56960
Ion Ratio Lower Upper
50 100
52 33.5 24.4 45.4

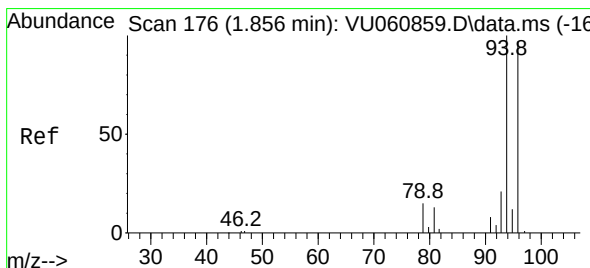
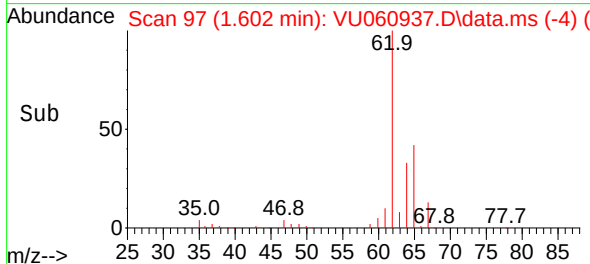
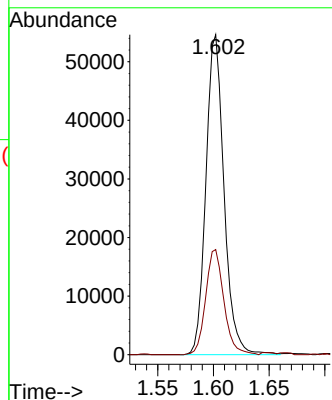
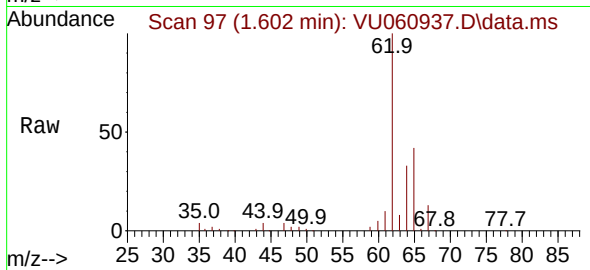




#5
 Vinyl chloride
 Concen: 5.303 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU060937.D
 Acq: 20 Sep 2024 11:54

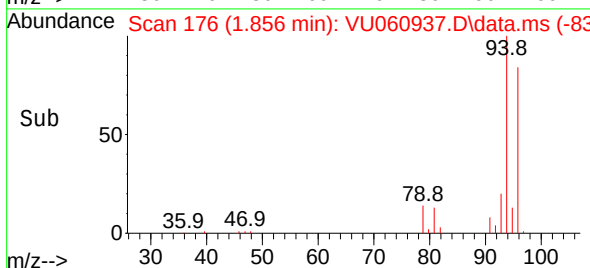
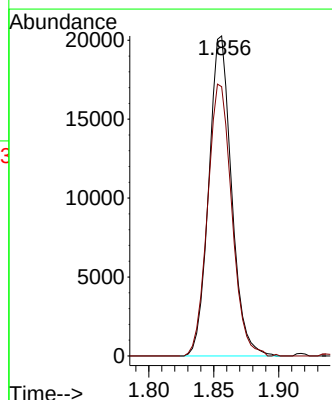
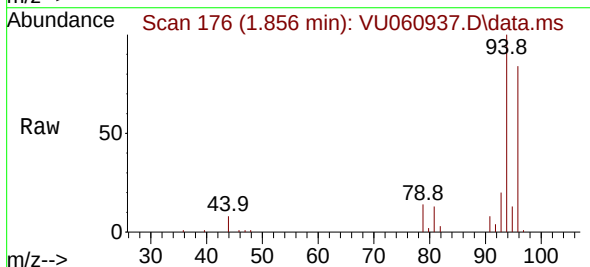
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 ClientSampleId :

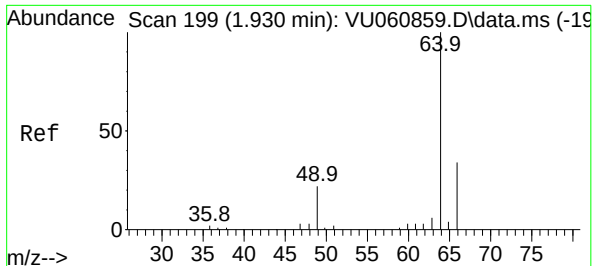
Tgt Ion: 62 Resp: 61833
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.0 44.6



#6
 Bromomethane
 Concen: 3.316 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU060937.D
 Acq: 20 Sep 2024 11:54

Tgt Ion: 94 Resp: 24705
 Ion Ratio Lower Upper
 94 100
 96 84.1 67.3 124.9

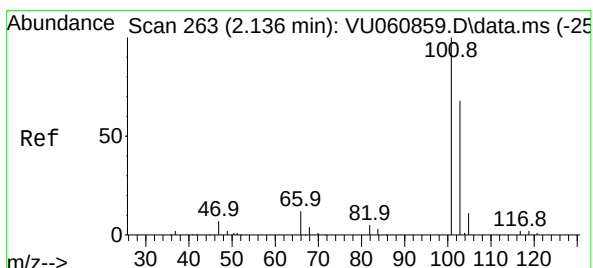
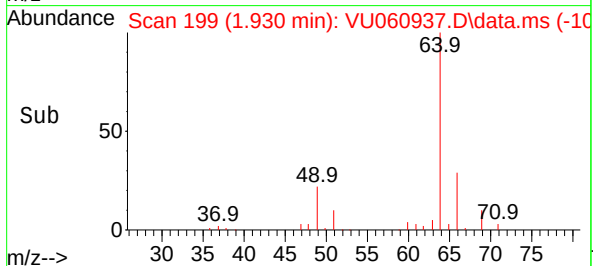
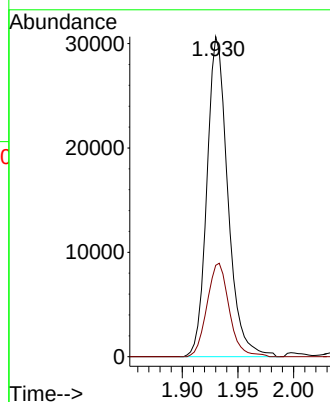
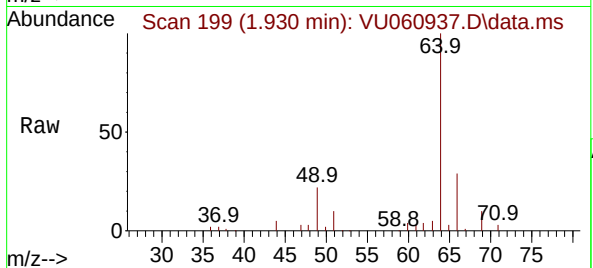




#8
Chloroethane
Concen: 5.629 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

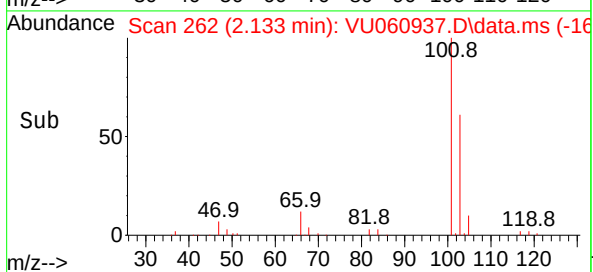
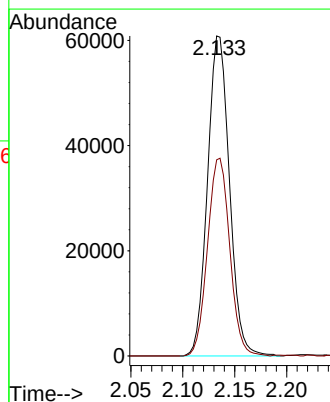
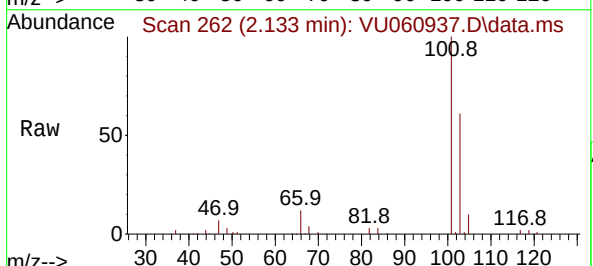
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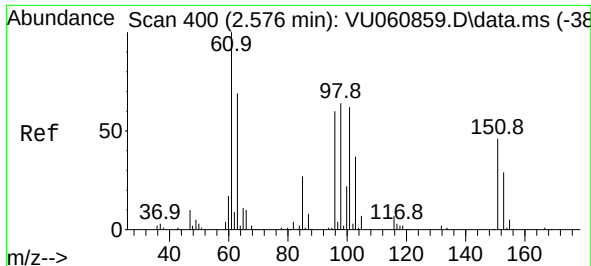
Tgt Ion: 64 Resp: 40098
Ion Ratio Lower Upper
64 100
66 28.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.575 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion:101 Resp: 89280
Ion Ratio Lower Upper
101 100
103 62.6 51.4 77.2

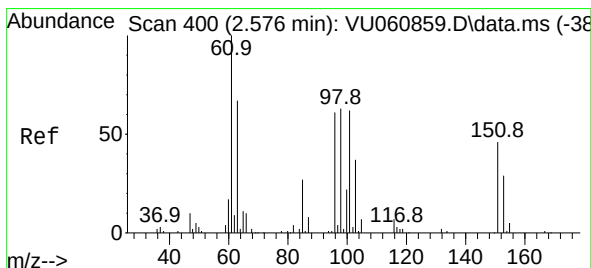
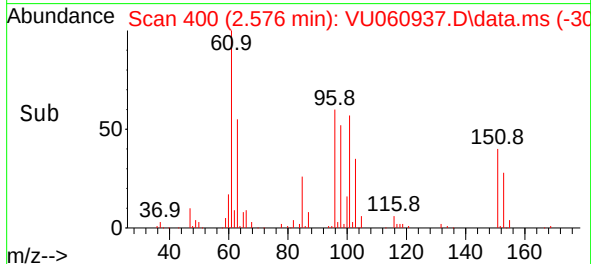
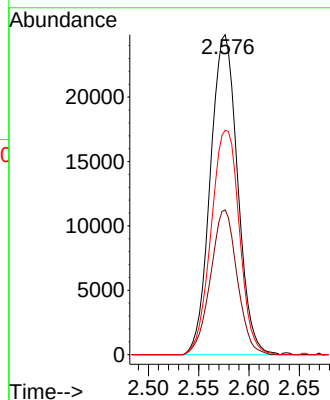
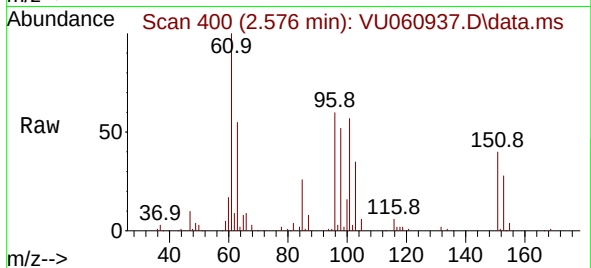




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.024 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

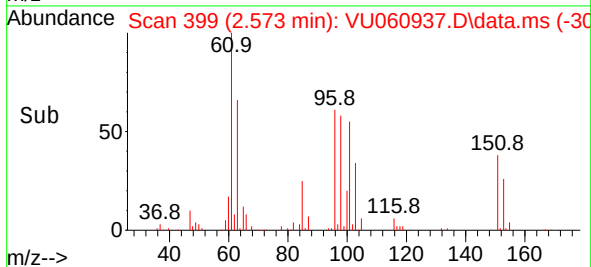
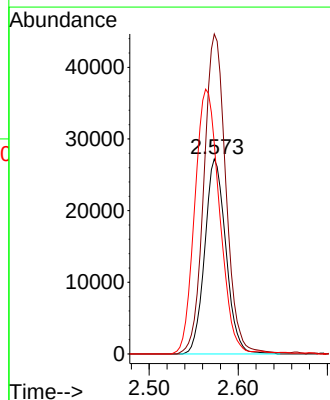
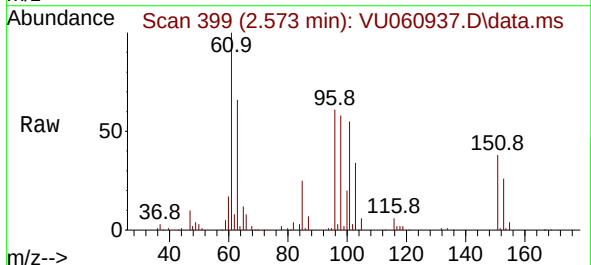
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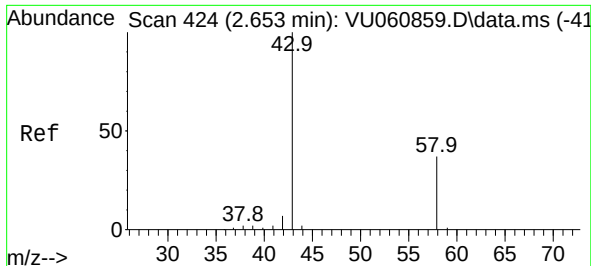
Tgt Ion:101 Resp: 46750
Ion Ratio Lower Upper
101 100
85 44.3 34.2 51.4
151 73.0 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.267 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion: 96 Resp: 44760
Ion Ratio Lower Upper
96 100
61 164.1 120.7 224.1
63 108.0 90.0 167.2





#13

Acetone

Concen: 53.820 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

Instrument :

MSVOA_U

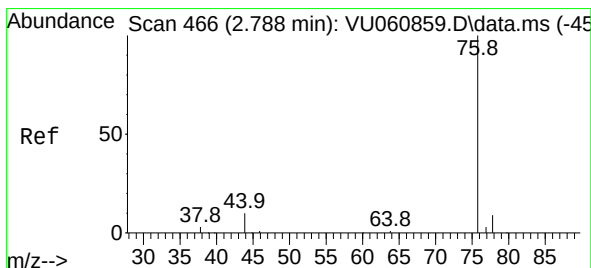
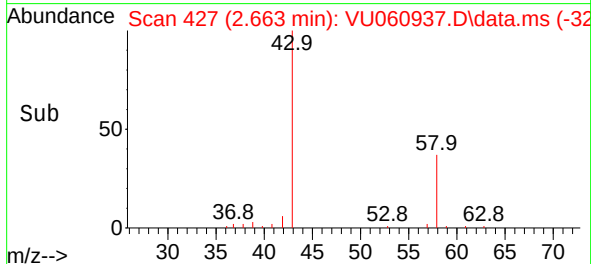
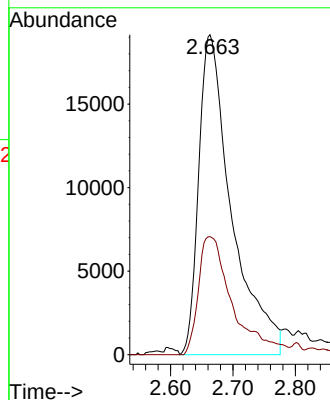
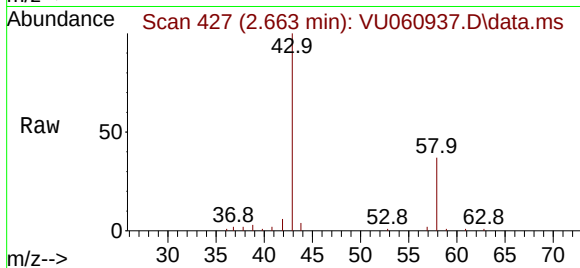
ClientSampleId :

Tgt Ion: 43 Resp: 70045

Ion Ratio Lower Upper

43 100

58 38.2 0.0 69.6



#14

Carbon disulfide

Concen: 4.982 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060937.D

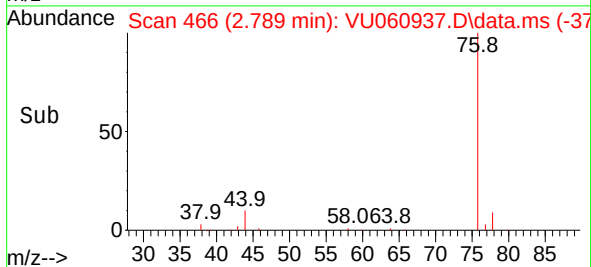
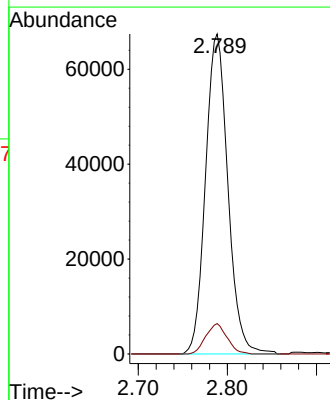
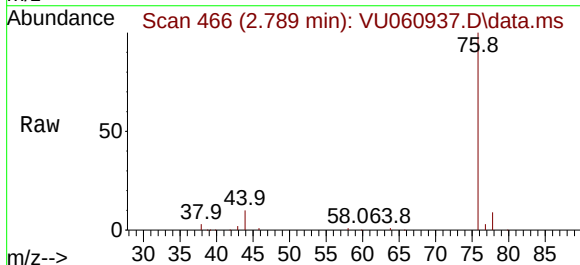
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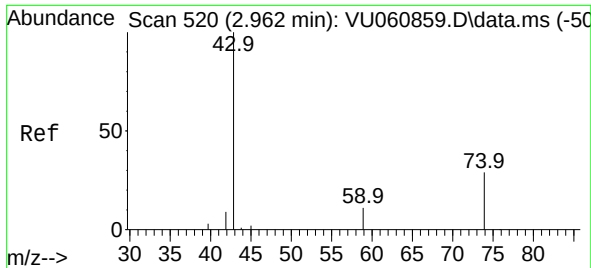
Tgt Ion: 76 Resp: 117458

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7





#15

Methyl Acetate

Concen: 5.417 ug/L

RT: 2.962 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

Instrument :

MSVOA_U

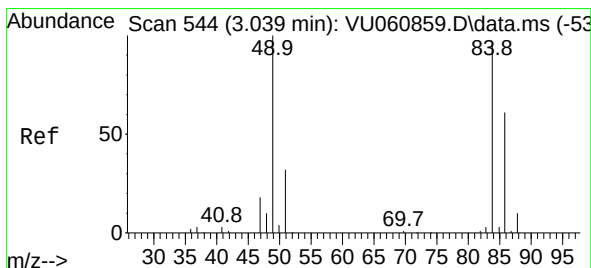
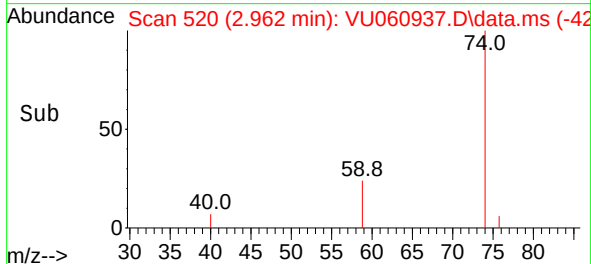
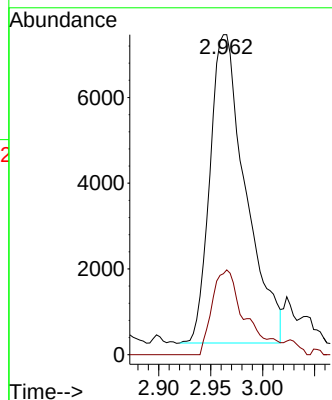
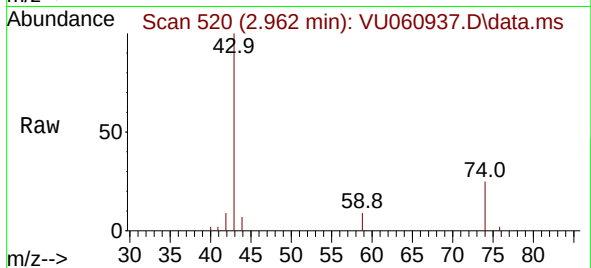
ClientSampleId :

Tgt Ion: 43 Resp: 17187

Ion Ratio Lower Upper

43 100

74 25.9 18.9 28.3



#16

Methylene chloride

Concen: 5.203 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

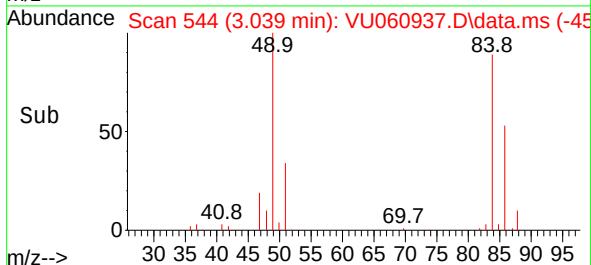
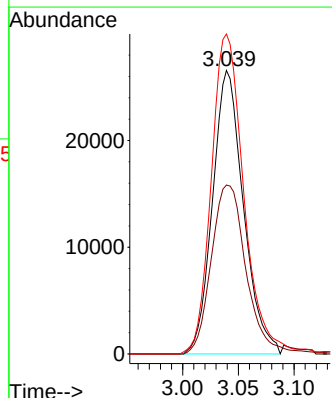
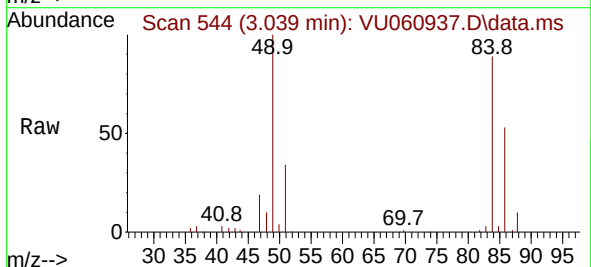
Tgt Ion: 84 Resp: 51207

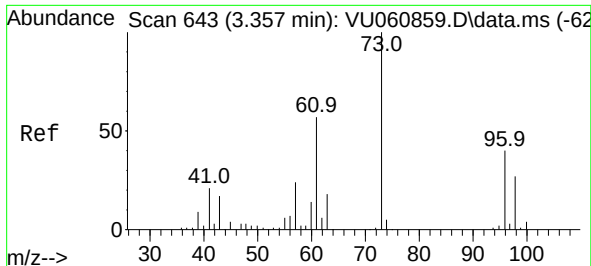
Ion Ratio Lower Upper

84 100

86 59.6 47.3 87.8

49 112.9 78.7 146.1

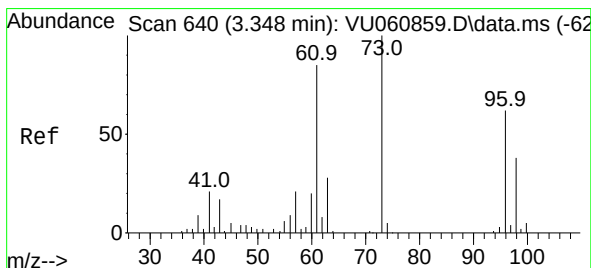
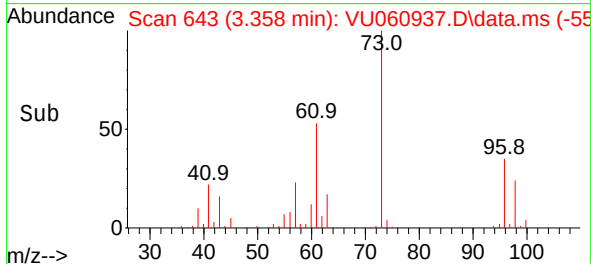
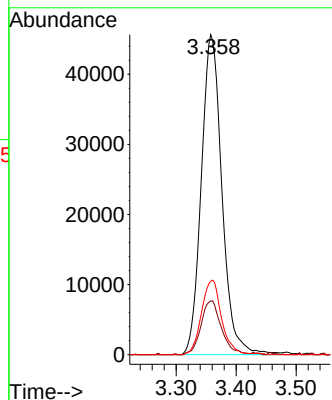
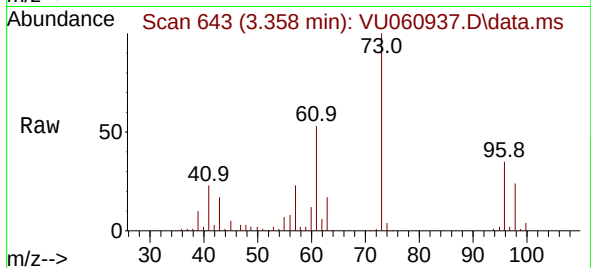




#17
Methyl tert-butyl Ether
Concen: 5.703 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

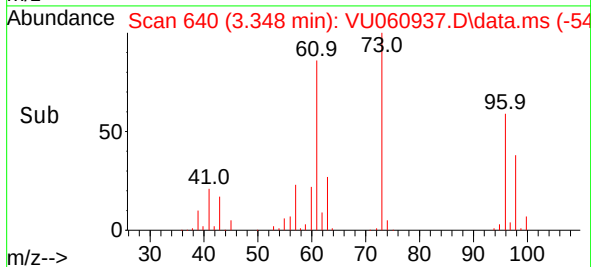
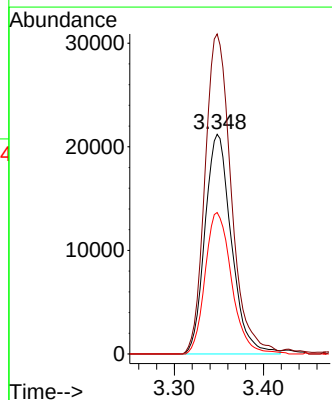
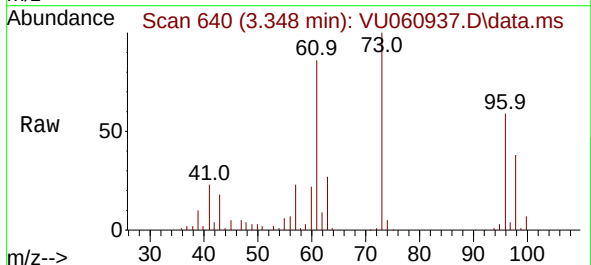
Instrument :
MSVOA_U
ClientSampleId :

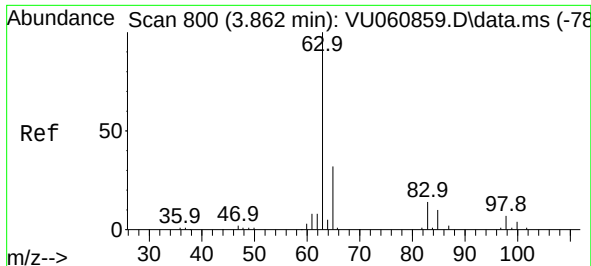
Tgt Ion: 73 Resp: 109529
Ion Ratio Lower Upper
73 100
43 16.6 13.8 20.8
57 22.6 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.957 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

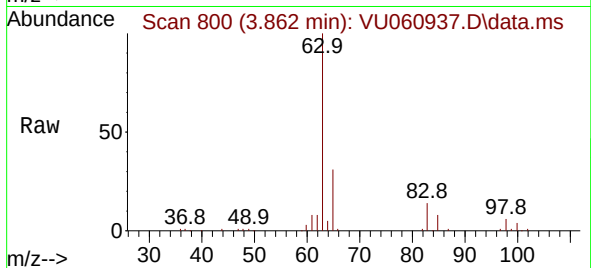
Tgt Ion: 96 Resp: 43648
Ion Ratio Lower Upper
96 100
61 145.7 97.2 180.6
98 64.4 43.3 80.5



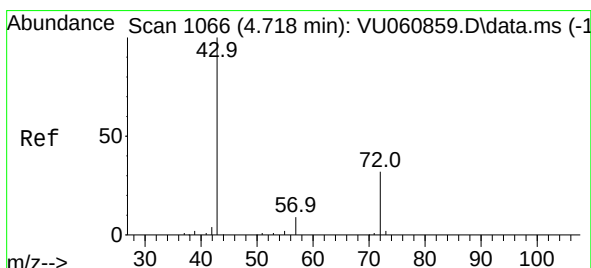
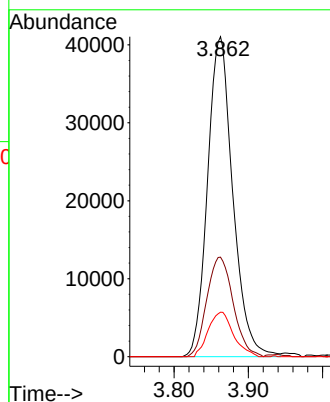
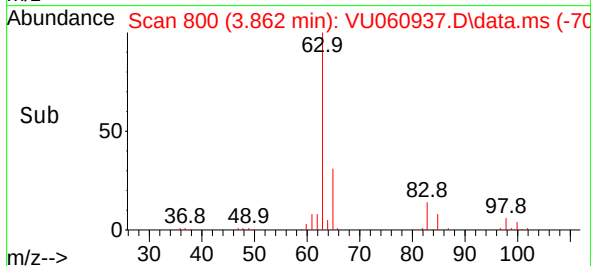


#19
1,1-Dichloroethane
Concen: 5.476 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Instrument :
MSVOA_U
ClientSampleId :

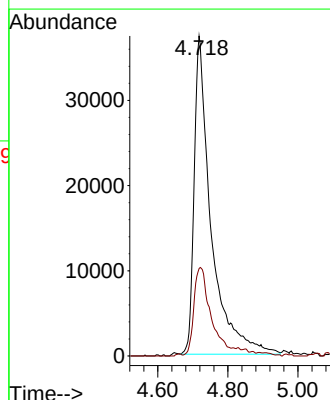
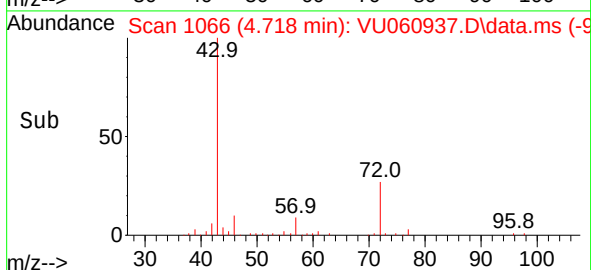
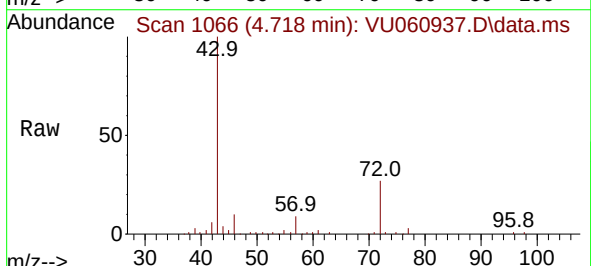


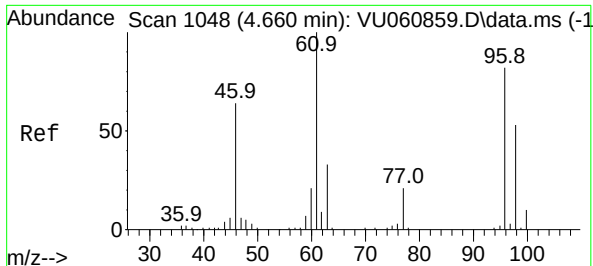
Tgt Ion:	63	Resp:	96824
Ion Ratio	Lower	Upper	
63	100		
65	31.8	23.0	42.8
83	13.9	9.0	16.6



#21
2-Butanone
Concen: 59.180 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion:	43	Resp:	125378
Ion Ratio	Lower	Upper	
43	100		
72	27.1	14.8	44.3

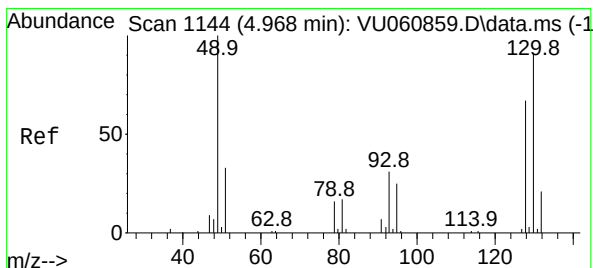
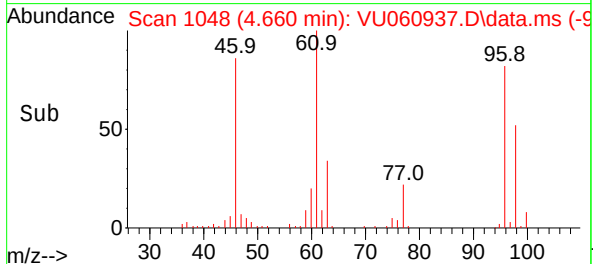
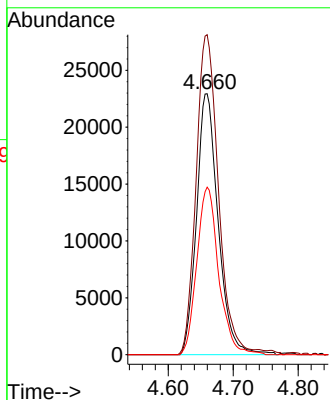
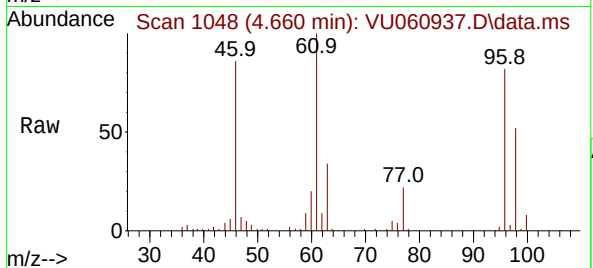




#22
 cis-1,2-Dichloroethene
 Concen: 5.457 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060937.D
 Acq: 20 Sep 2024 11:54

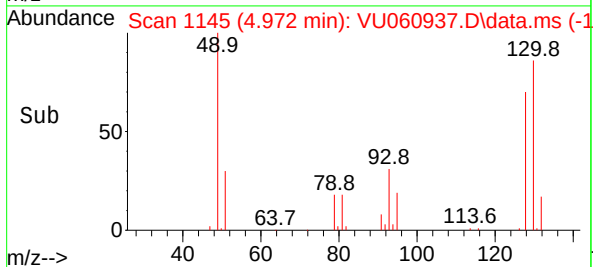
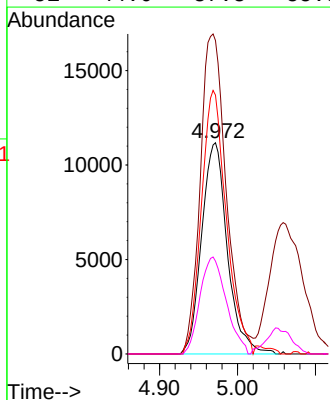
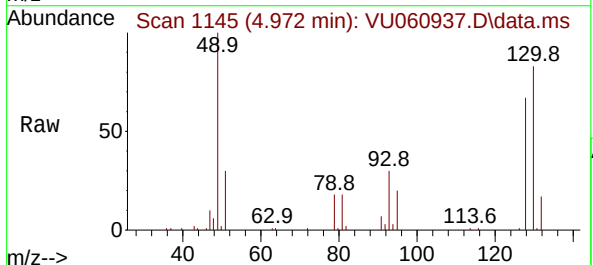
Instrument :
 MSVOA_U
 ClientSampleId :

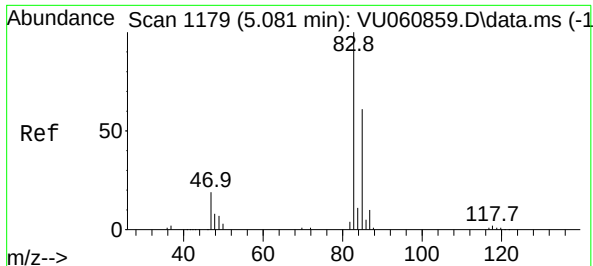
Tgt Ion:	96	Resp:	53188
Ion	Ratio	Lower	Upper
96	100		
61	122.6	89.7	166.5
98	64.2	45.1	83.9



#23
 Bromochloromethane
 Concen: 5.549 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU060937.D
 Acq: 20 Sep 2024 11:54

Tgt Ion:	128	Resp:	25544
Ion	Ratio	Lower	Upper
128	100		
49	152.1	109.6	203.6
130	122.6	87.8	163.0
51	44.0	37.3	55.9

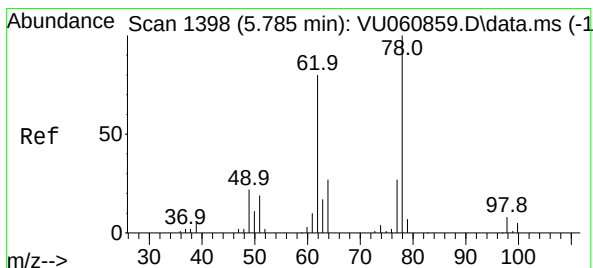
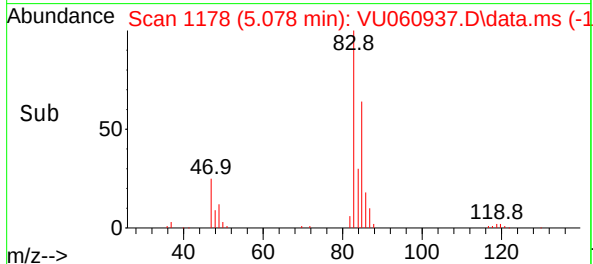
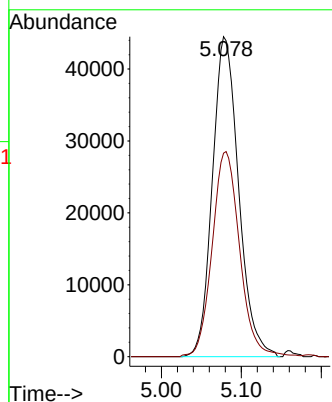
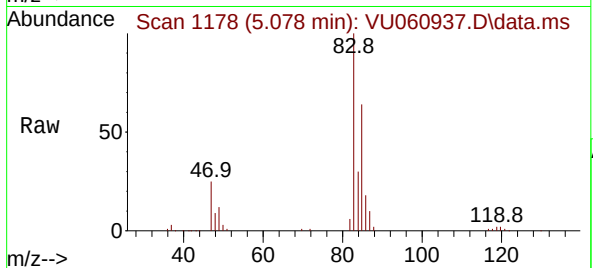




#25
Chloroform
Concen: 5.507 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

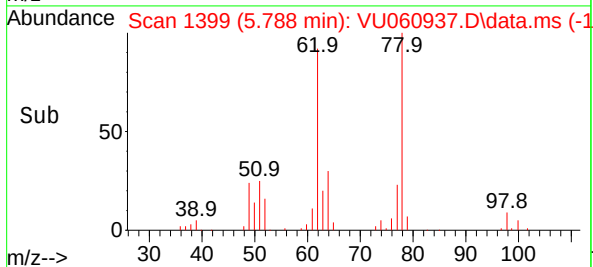
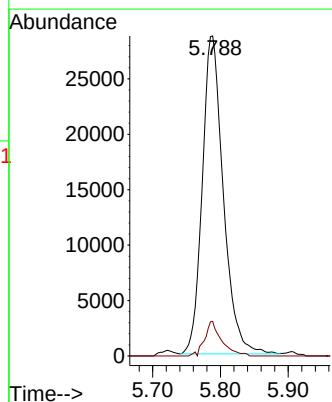
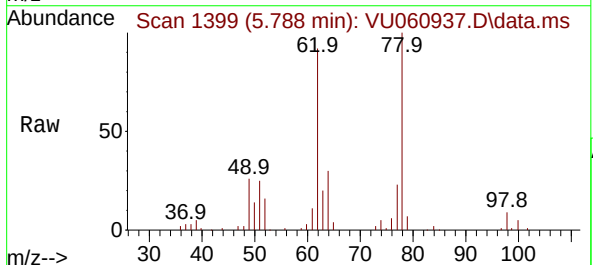
Instrument :
MSVOA_U
ClientSampleId :

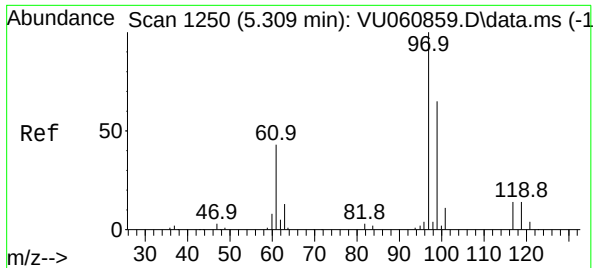
Tgt Ion: 83 Resp: 101517
Ion Ratio Lower Upper
83 100
85 63.6 46.8 86.8



#27
1,2-Dichloroethane
Concen: 5.806 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion: 62 Resp: 62028
Ion Ratio Lower Upper
62 100
98 10.8 8.2 12.4

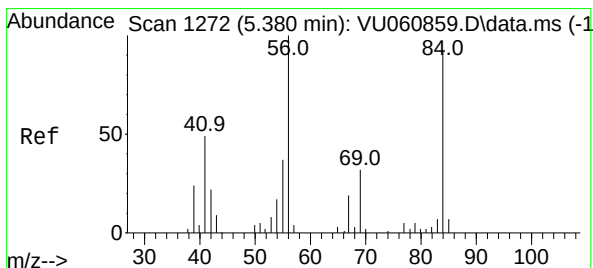
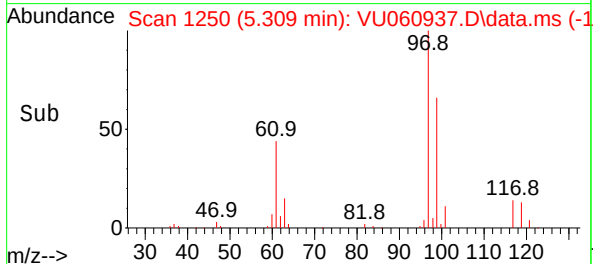
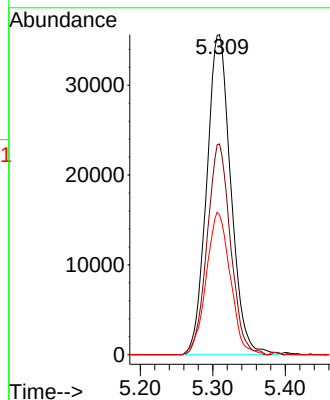
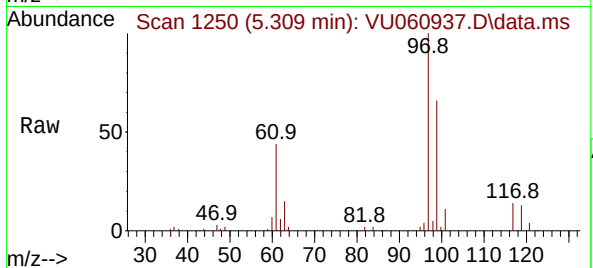




#29
1,1,1-Trichloroethane
Concen: 5.564 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

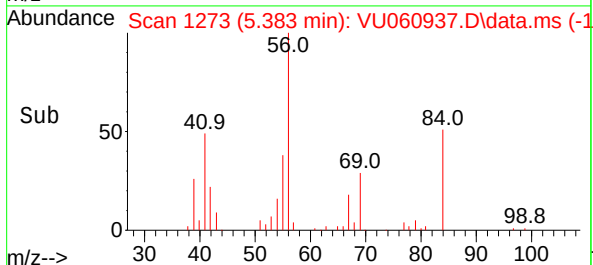
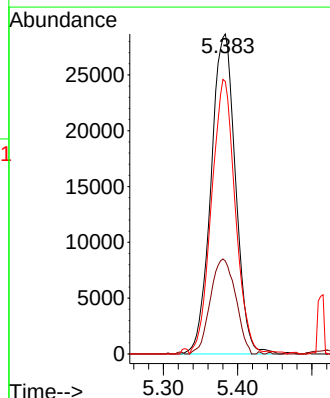
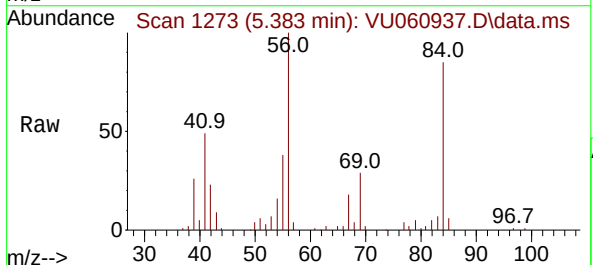
Instrument :
MSVOA_U
ClientSampleId :

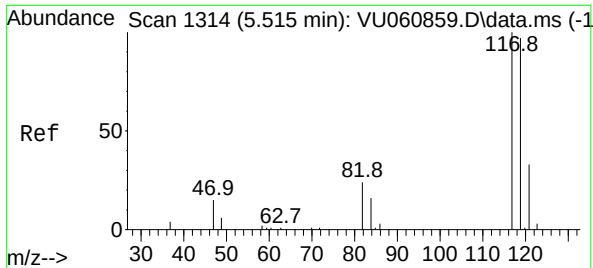
Tgt Ion: 97 Resp: 82532
Ion Ratio Lower Upper
97 100
99 63.6 50.5 75.7
61 44.3 34.4 51.6



#30
Cyclohexane
Concen: 5.386 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion: 56 Resp: 65657
Ion Ratio Lower Upper
56 100
69 30.6 25.4 38.0
84 83.1 71.0 106.6

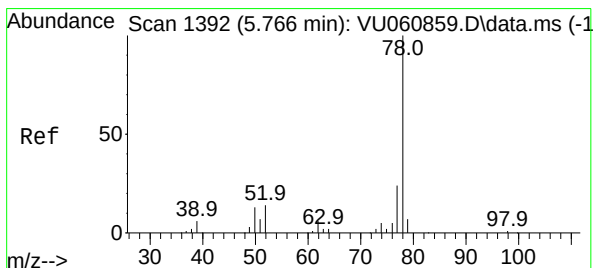
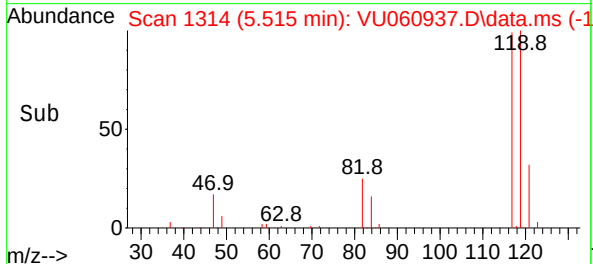
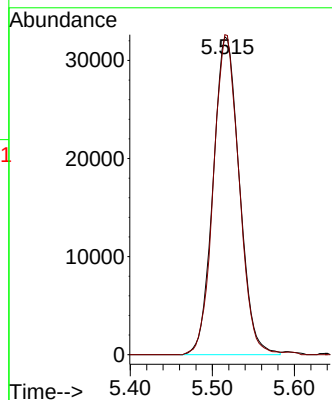
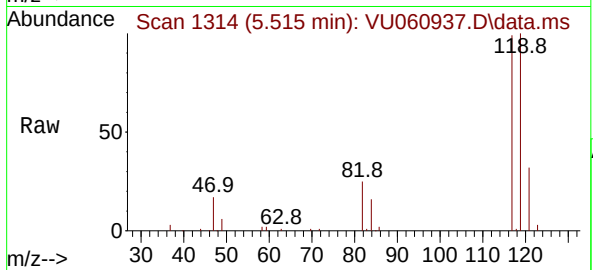




#31
Carbon tetrachloride
Concen: 5.480 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

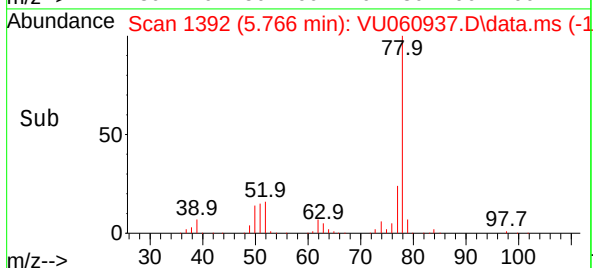
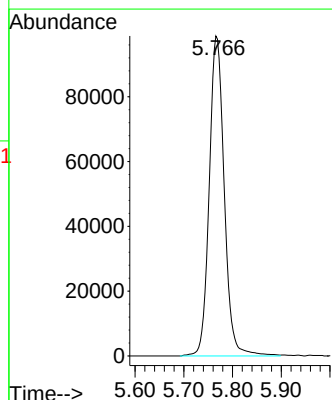
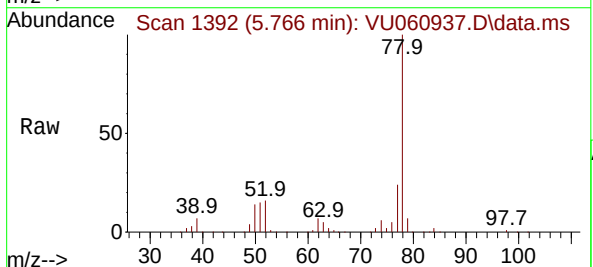
Instrument :
MSVOA_U
ClientSampleId :

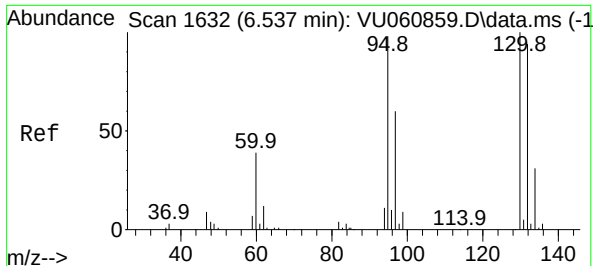
Tgt Ion:117 Resp: 71958
Ion Ratio Lower Upper
117 100
119 98.1 76.3 114.5



#33
Benzene
Concen: 5.596 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

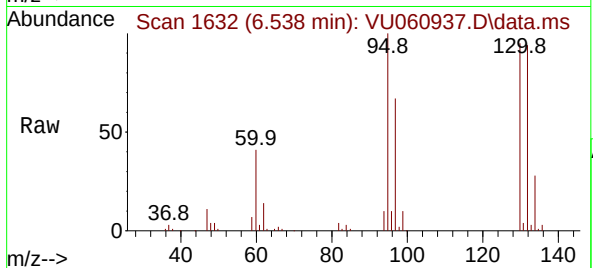
Tgt Ion: 78 Resp: 211416



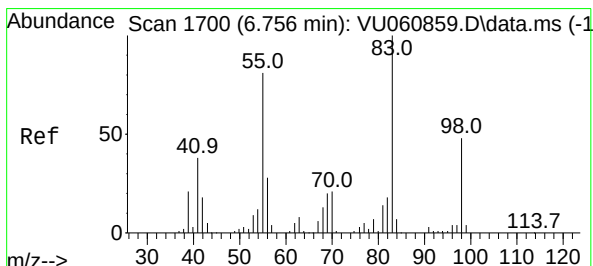
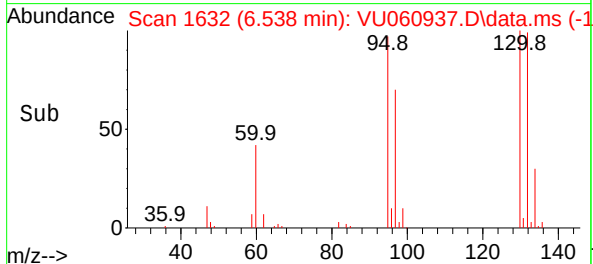
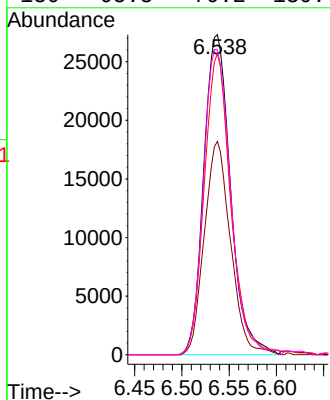


#34
Trichloroethene
Concen: 5.440 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Instrument :
MSVOA_U
ClientSampleId :

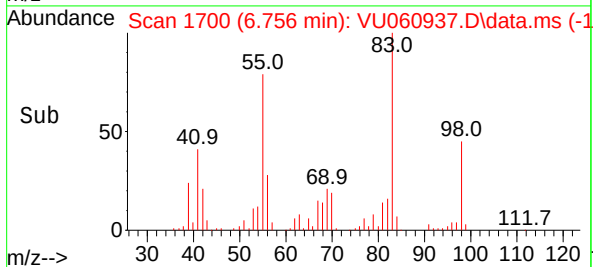
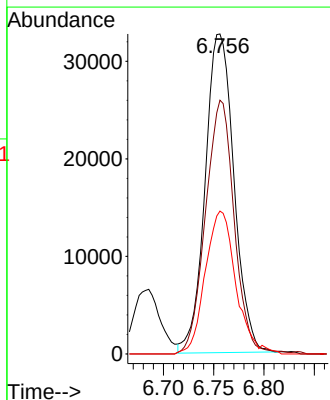
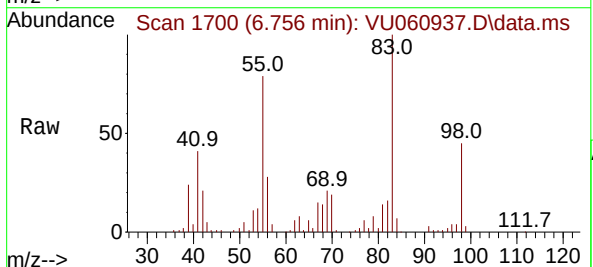


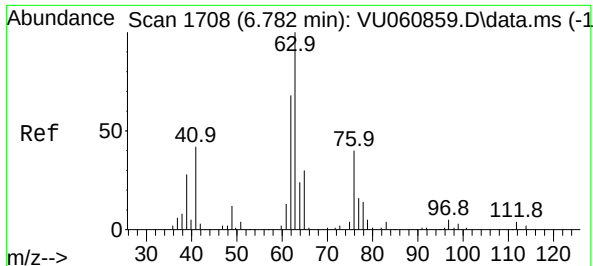
Tgt Ion: 95 Resp: 53876
Ion Ratio Lower Upper
95 100
97 66.7 44.9 83.5
132 94.1 63.5 117.9
130 95.3 70.2 130.4



#35
Methylcyclohexane
Concen: 4.798 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion: 83 Resp: 65184
Ion Ratio Lower Upper
83 100
55 79.3 62.6 94.0
98 47.5 37.6 56.4





#37

1,2-Dichloropropane

Concen: 5.812 ug/L

RT: 6.782 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

Instrument :

MSVOA_U

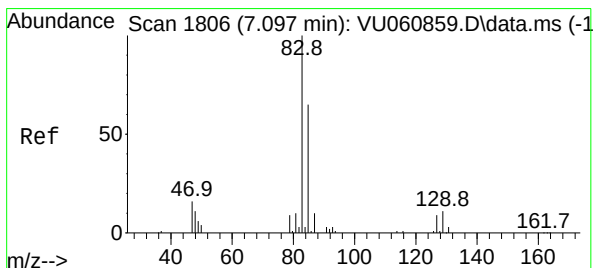
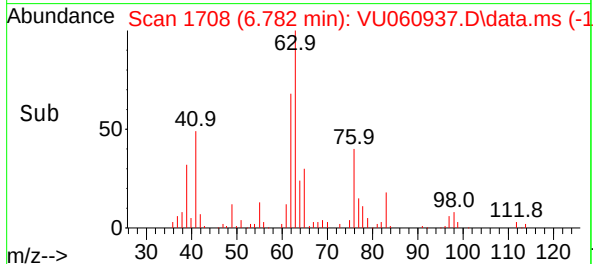
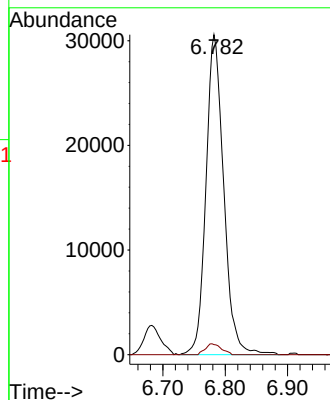
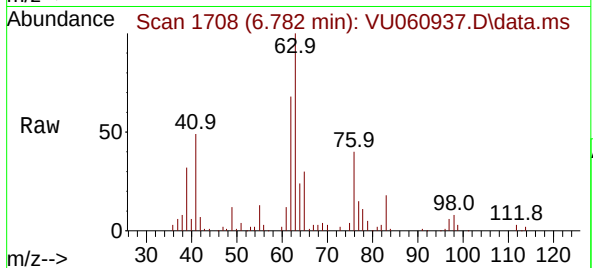
ClientSampleId :

Tgt Ion: 63 Resp: 60503

Ion Ratio Lower Upper

63 100

112 3.1 2.0 3.0#



#38

Bromodichloromethane

Concen: 5.621 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

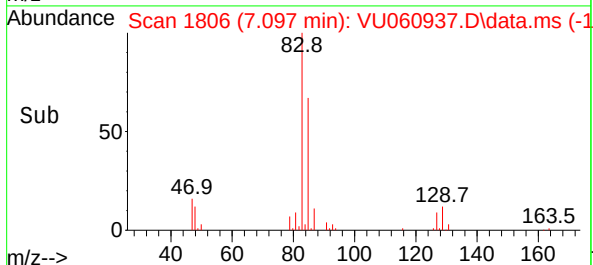
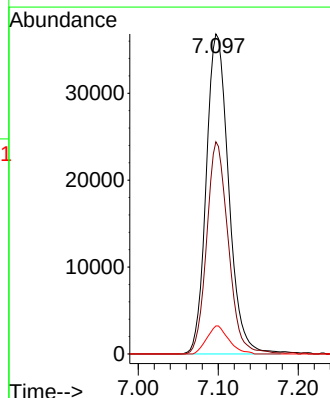
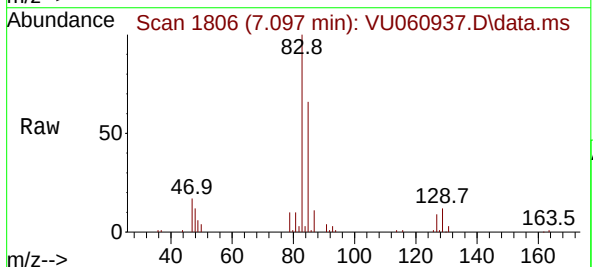
Tgt Ion: 83 Resp: 71771

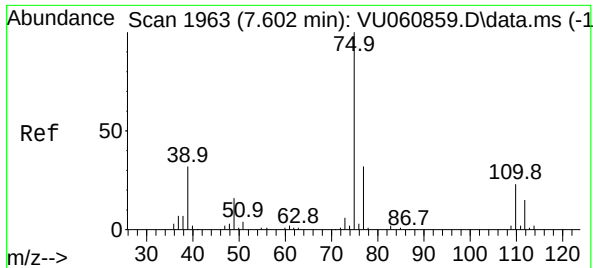
Ion Ratio Lower Upper

83 100

85 66.3 45.6 84.8

127 8.7 7.0 10.6

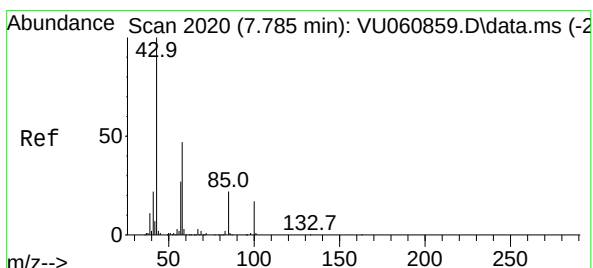
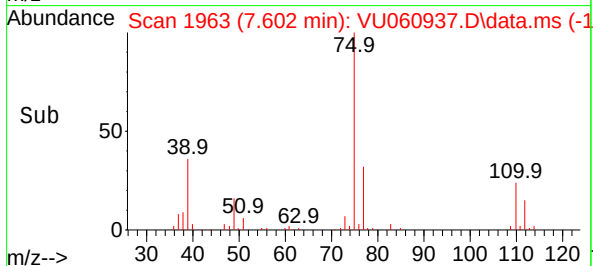
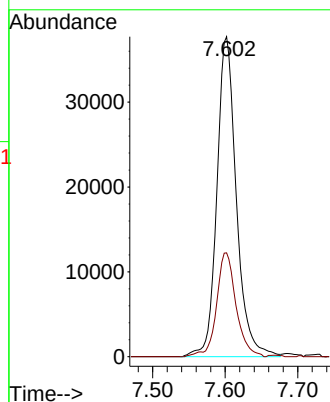
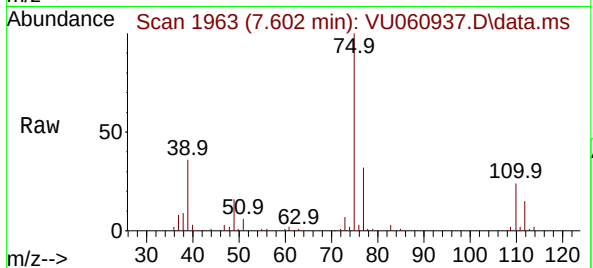




#39
 cis-1,3-Dichloropropene
 Concen: 5.080 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060937.D
 Acq: 20 Sep 2024 11:54

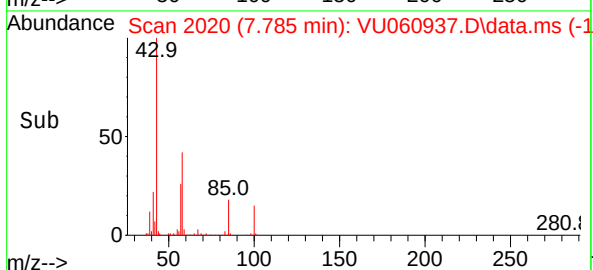
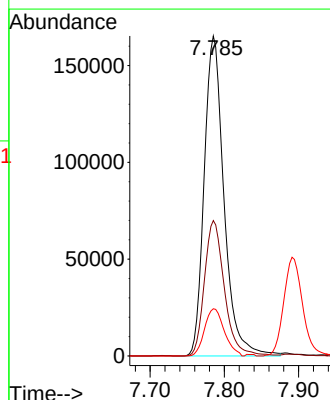
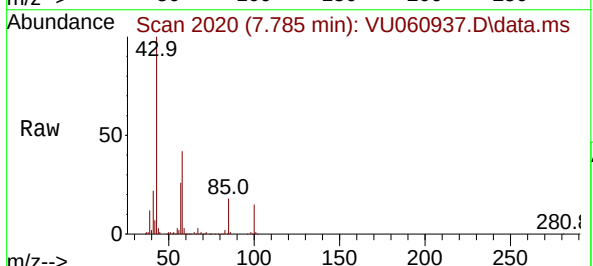
Instrument :
 MSVOA_U
 ClientSampleId :

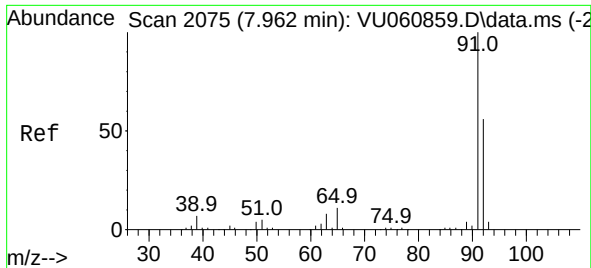
Tgt Ion: 75 Resp: 70330
 Ion Ratio Lower Upper
 75 100
 77 32.5 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 63.013 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060937.D
 Acq: 20 Sep 2024 11:54

Tgt Ion: 43 Resp: 306308
 Ion Ratio Lower Upper
 43 100
 58 42.6 34.9 52.3
 100 14.7 13.4 20.0

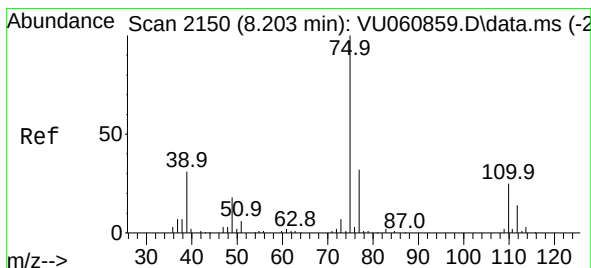
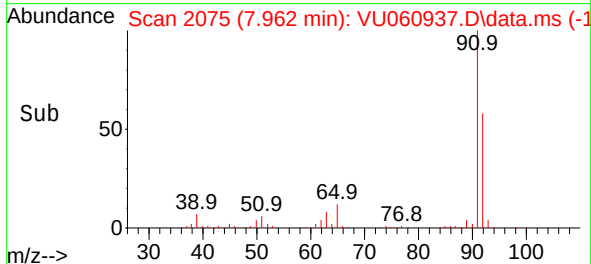
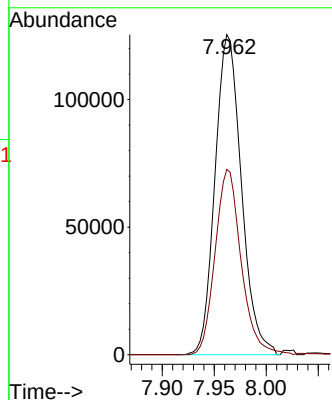
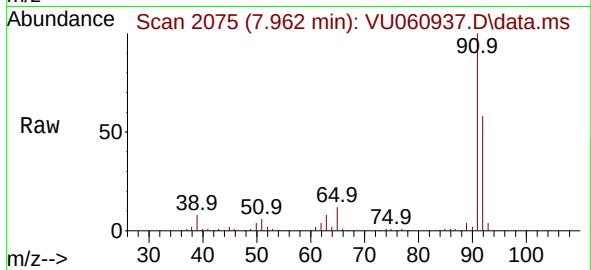




#42
Toluene
Concen: 5.609 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

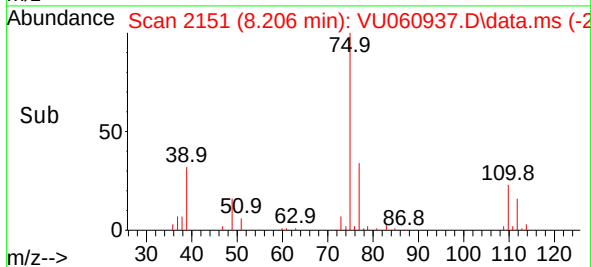
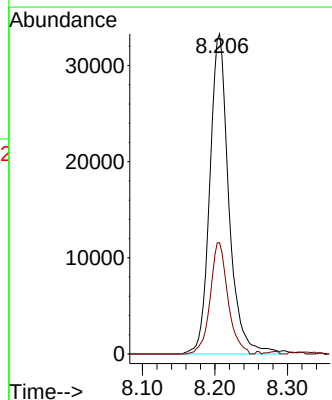
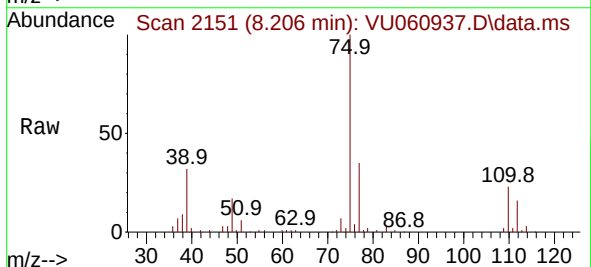
Instrument :
MSVOA_U
ClientSampleId :

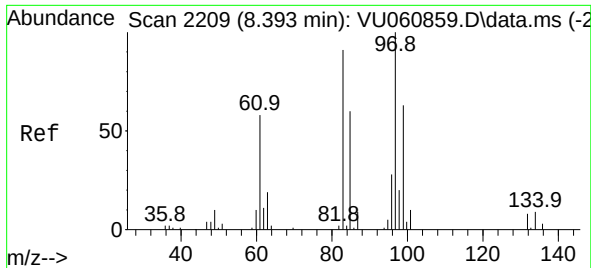
Tgt Ion: 91 Resp: 221539
Ion Ratio Lower Upper
91 100
92 57.9 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 5.336 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion: 75 Resp: 60753
Ion Ratio Lower Upper
75 100
77 34.8 23.1 42.9

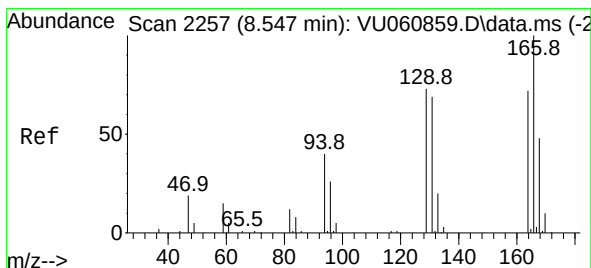
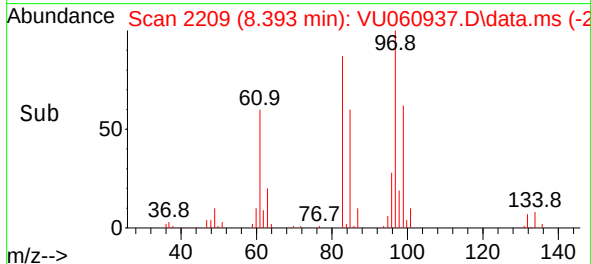
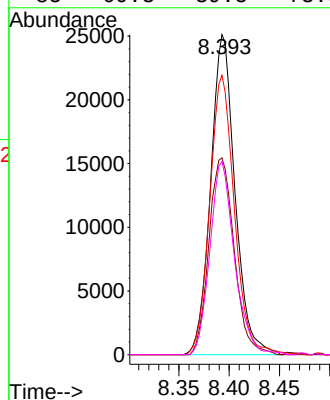
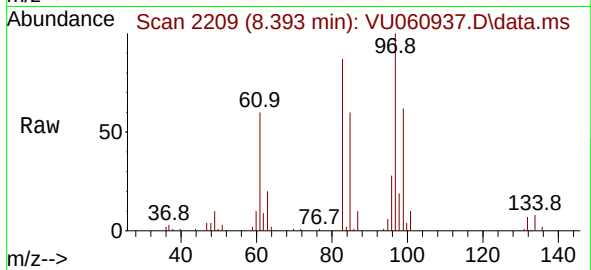




#45
1,1,2-Trichloroethane
Concen: 5.636 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

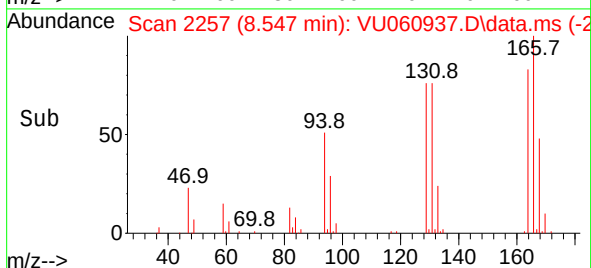
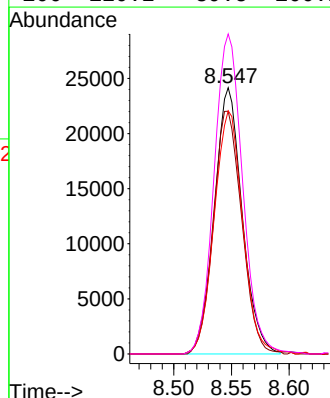
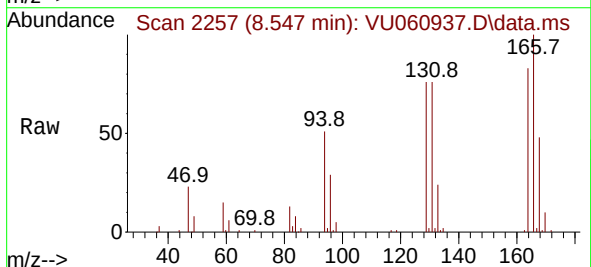
Instrument :
MSVOA_U
ClientSampleId :

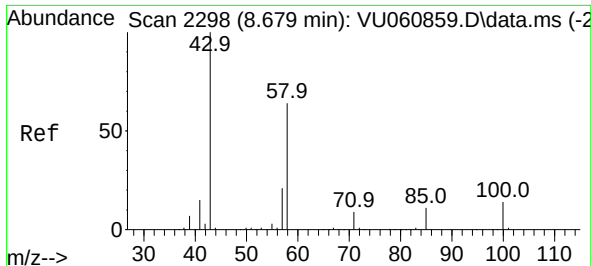
Tgt Ion: 97	Resp: 42356
Ion Ratio	Lower Upper
97 100	
99 61.5	42.3 78.5
83 87.3	61.7 114.5
85 60.3	39.5 73.3



#47
Tetrachloroethene
Concen: 5.122 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt	Ion:164	Resp:	40311
Ion	Ratio	Lower	Upper
164	100		
129	91.2	67.3	124.9
131	91.4	65.4	121.4
166	120.2	89.5	166.1

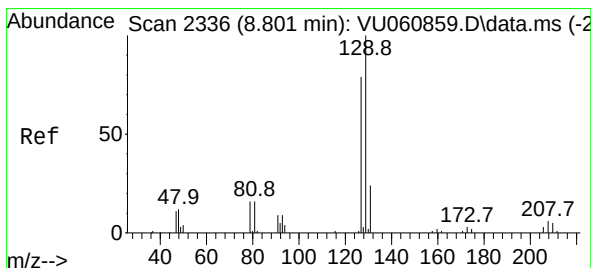
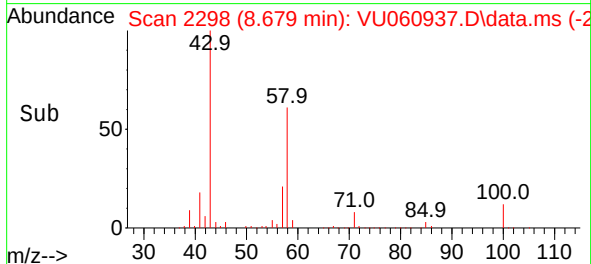
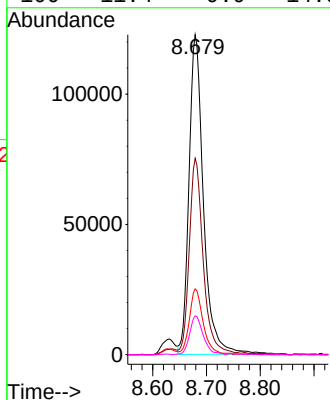
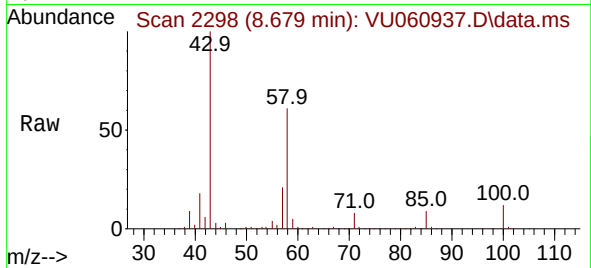




#48
2-Hexanone
Concen: 64.873 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

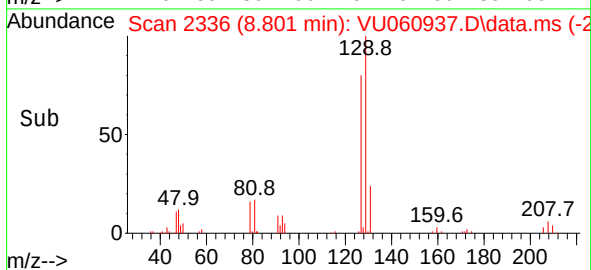
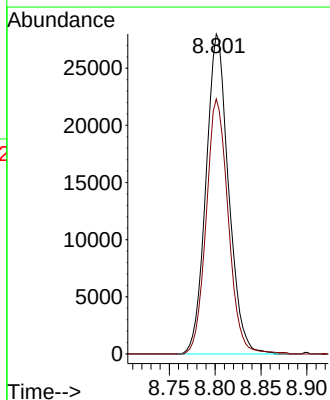
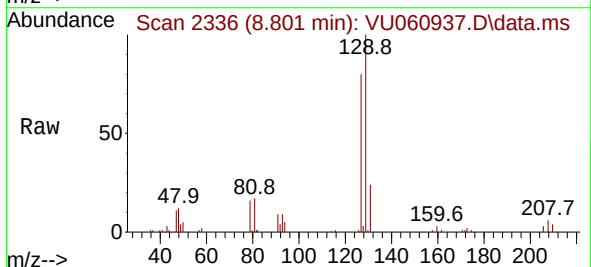
Instrument :
MSVOA_U
ClientSampleId :

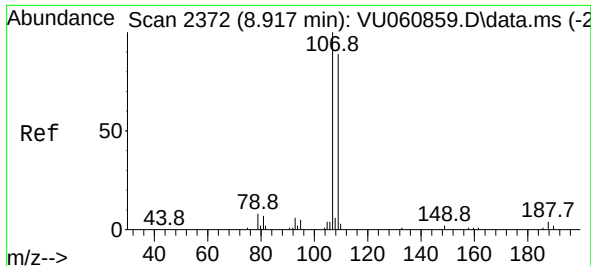
Tgt Ion:	43	Resp:	229857
Ion	Ratio	Lower	Upper
43	100		
58	57.6	48.3	72.5
57	19.9	15.9	23.9
100	11.4	9.9	14.9



#49
Dibromochloromethane
Concen: 5.607 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion:	129	Resp:	47966
Ion	Ratio	Lower	Upper
129	100		
127	79.7	56.1	104.1

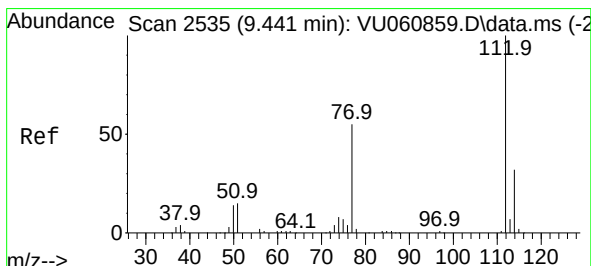
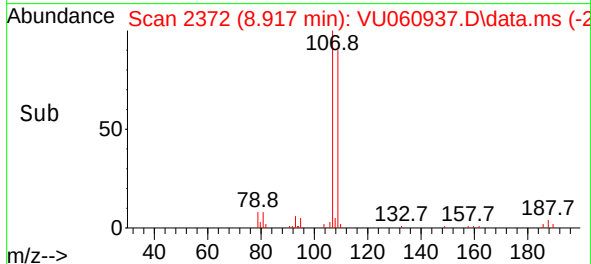
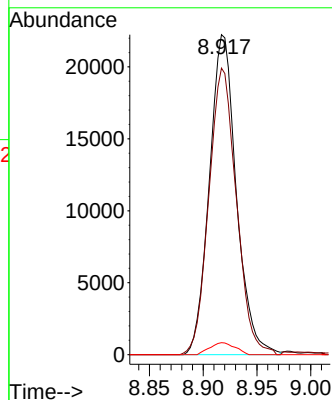
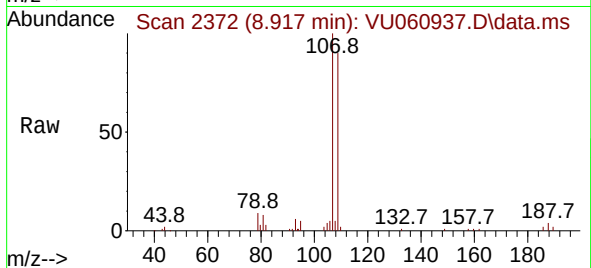




#50
1,2-Dibromoethane
Concen: 5.792 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

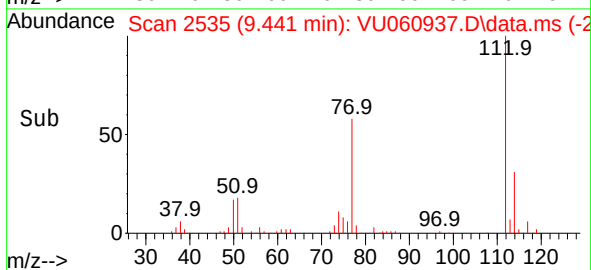
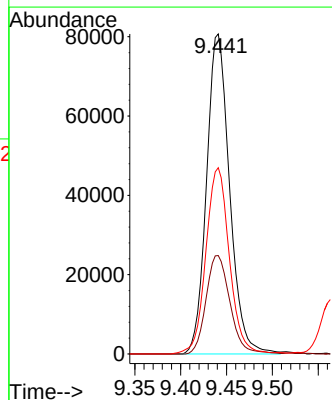
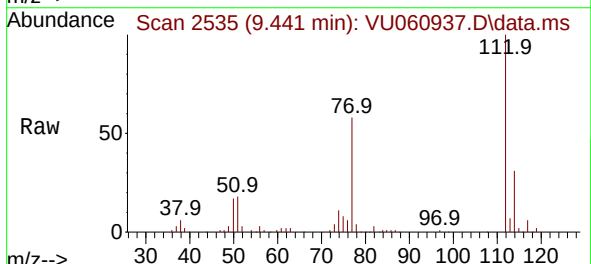
Instrument :
MSVOA_U
ClientSampleId :

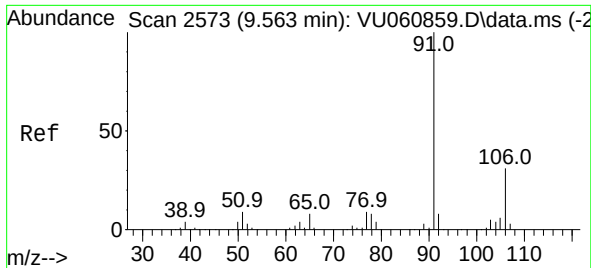
Tgt Ion:107 Resp: 38845
Ion Ratio Lower Upper
107 100
109 89.6 66.8 124.0
188 3.7 3.4 5.0



#51
Chlorobenzene
Concen: 5.324 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion:112 Resp: 141215
Ion Ratio Lower Upper
112 100
114 30.8 22.2 41.2
77 58.2 46.1 69.1





#52

Ethylbenzene

Concen: 5.512 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

Instrument :

MSVOA_U

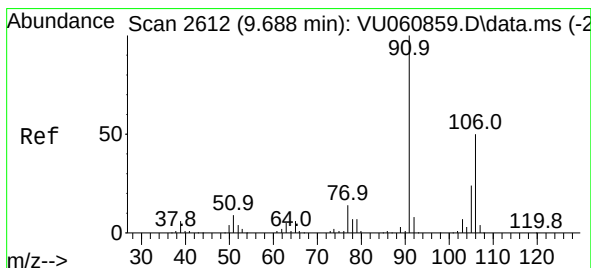
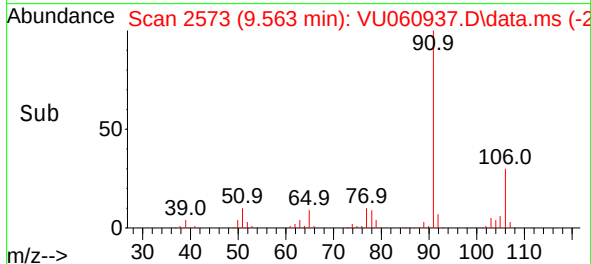
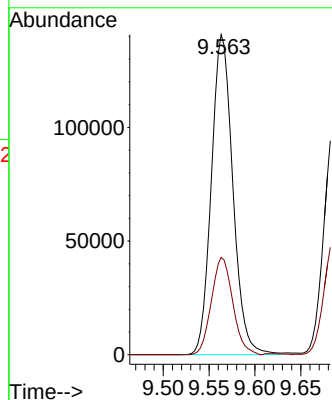
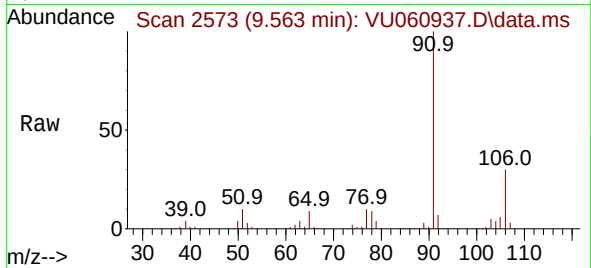
ClientSampleId :

Tgt Ion: 91 Resp: 229219

Ion Ratio Lower Upper

91 100

106 30.4 21.8 40.6



#53

m,p-Xylene

Concen: 5.522 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU060937.D

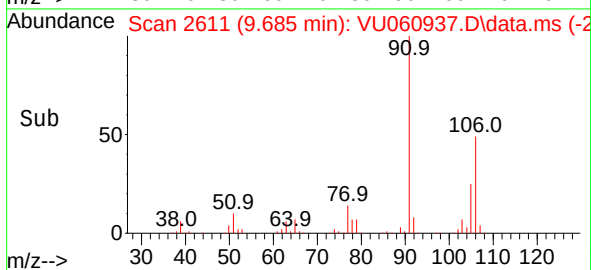
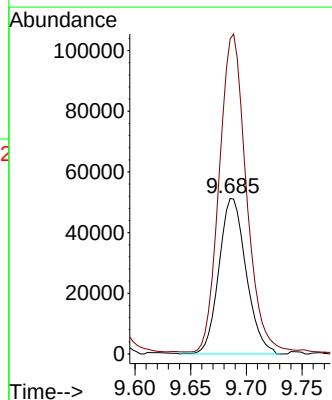
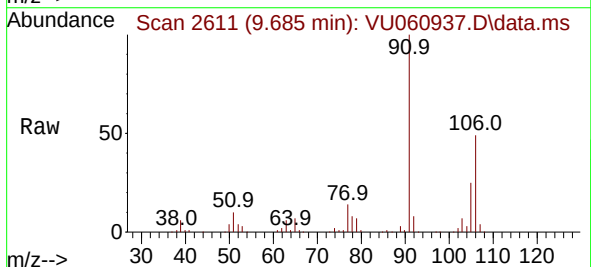
Acq: 20 Sep 2024 11:54

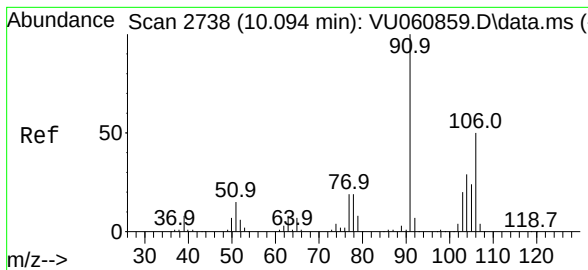
Tgt Ion: 106 Resp: 87068

Ion Ratio Lower Upper

106 100

91 202.4 139.7 259.4

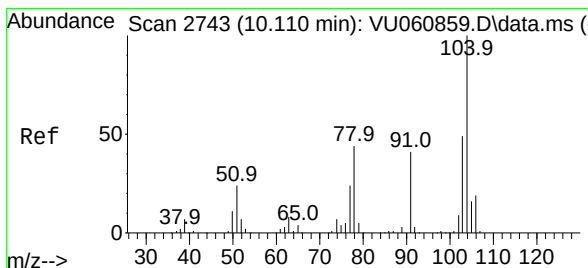
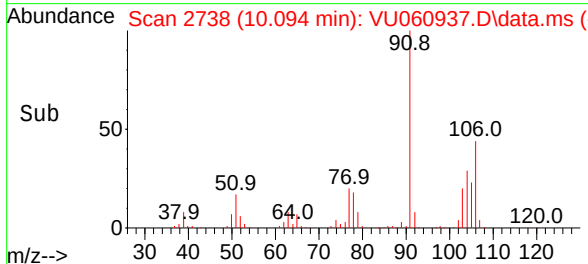
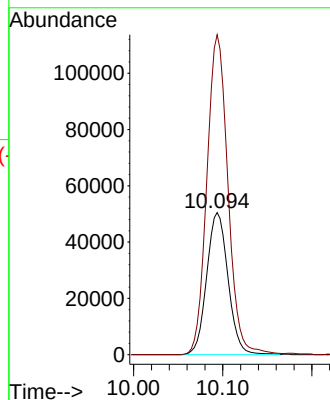
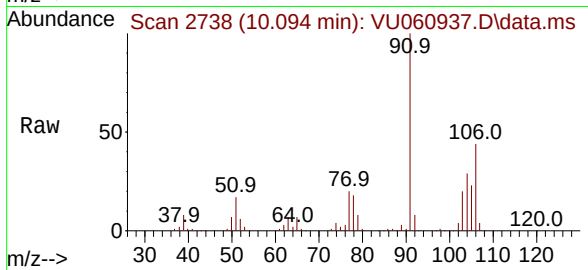




#54
o-Xylene
Concen: 5.401 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

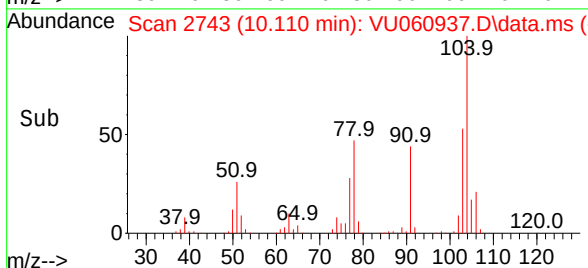
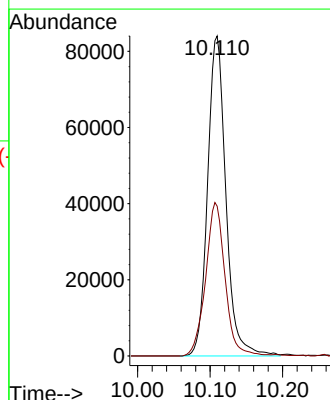
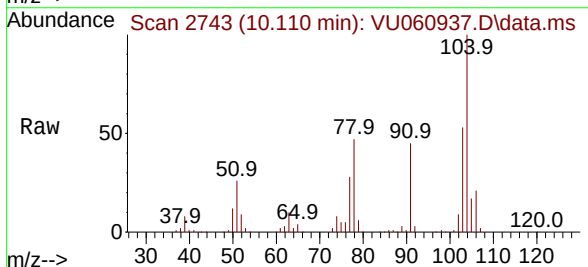
Instrument :
MSVOA_U
ClientSampleId :

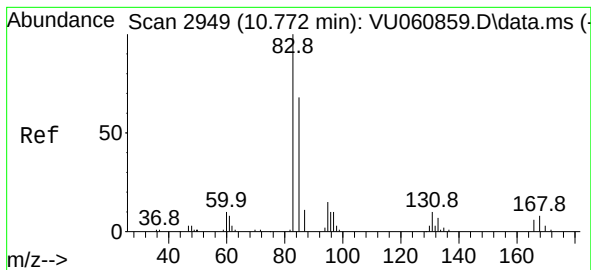
Tgt Ion:106 Resp: 84031
Ion Ratio Lower Upper
106 100
91 225.2 148.6 276.0



#55
Styrene
Concen: 5.626 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion:104 Resp: 147543
Ion Ratio Lower Upper
104 100
78 46.8 31.7 58.9

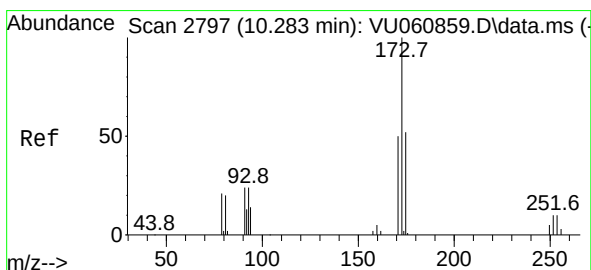
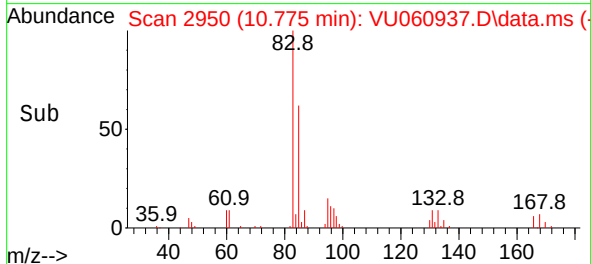
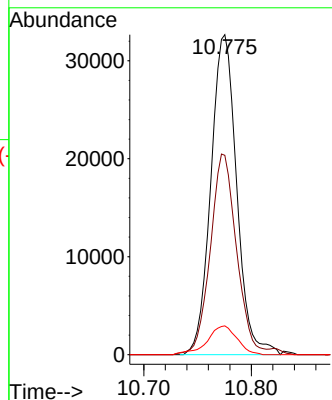
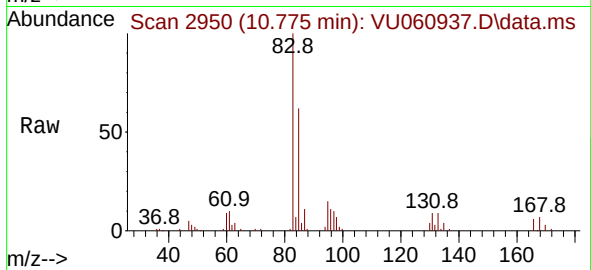




#57
1,1,2,2-Tetrachloroethane
Concen: 5.816 ug/L
RT: 10.775 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

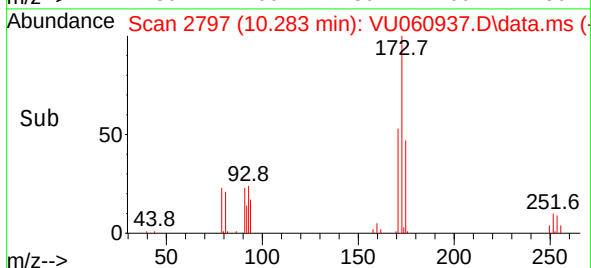
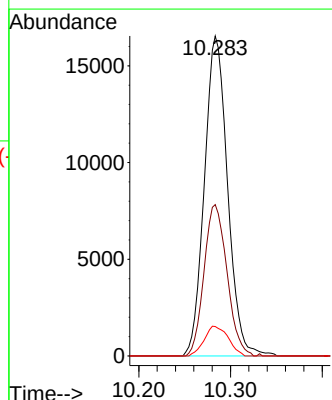
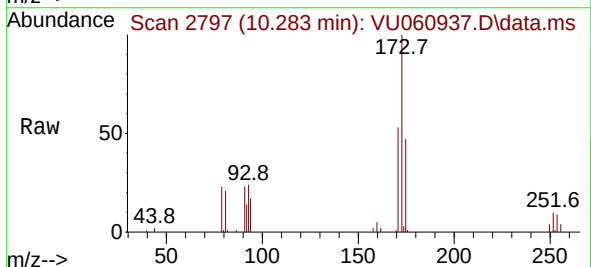
Instrument :
MSVOA_U
ClientSampleId :

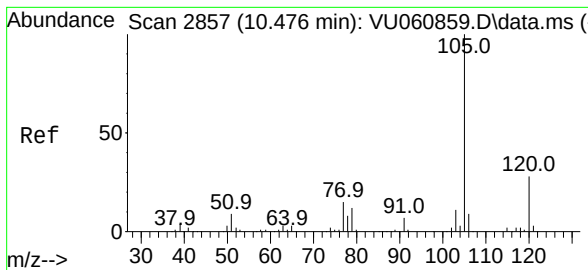
Tgt Ion: 83 Resp: 54512
Ion Ratio Lower Upper
83 100
85 62.3 42.9 79.7
131 9.0 8.4 12.6



#59
Bromoform
Concen: 5.571 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion: 173 Resp: 29075
Ion Ratio Lower Upper
173 100
175 46.8 39.1 58.7
254 9.6 8.7 13.1





#60

Isopropylbenzene

Concen: 5.525 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU060937.D

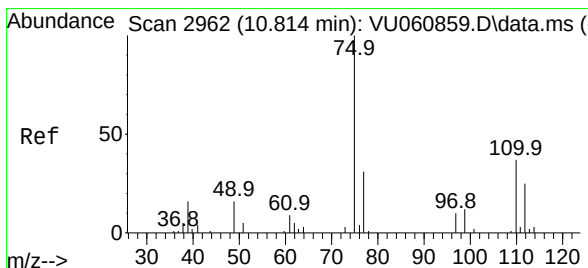
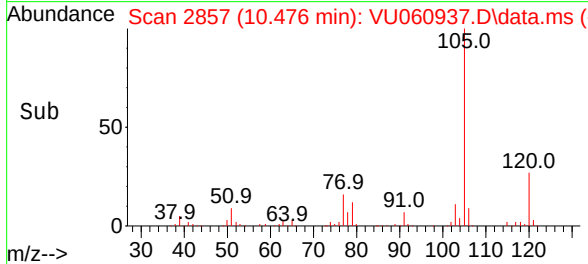
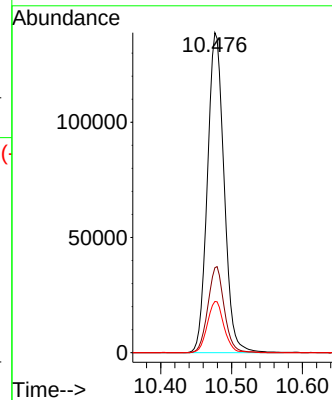
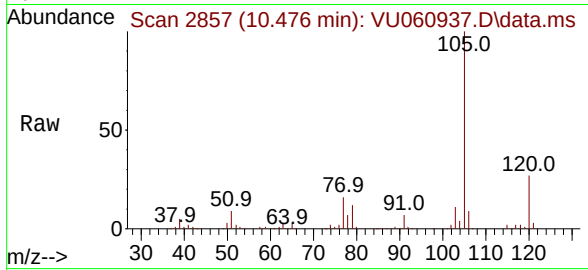
Acq: 20 Sep 2024 11:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	226741
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.5	32.3
77	16.1	12.6	18.8



#61

1,2,3-Trichloropropane

Concen: 5.700 ug/L

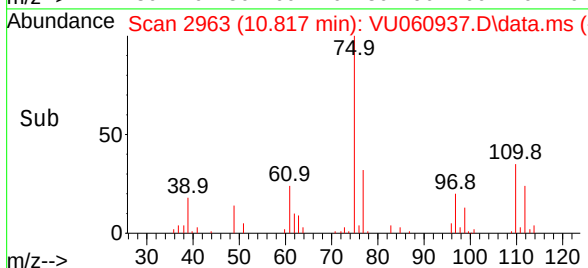
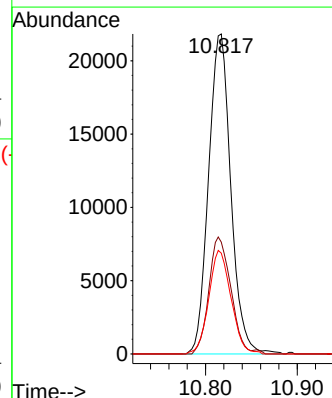
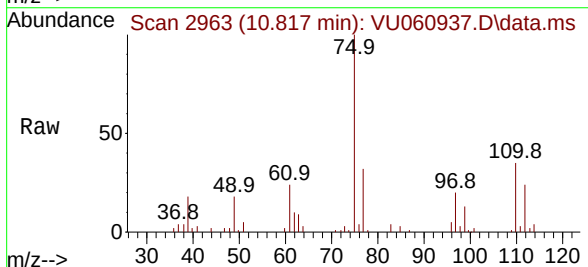
RT: 10.817 min Scan# 2963

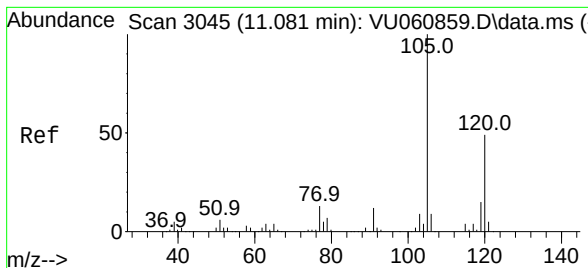
Delta R.T. 0.003 min

Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

Tgt Ion:	75	Resp:	36815
Ion	Ratio	Lower	Upper
75	100		
110	36.3	28.6	43.0
77	32.3	26.3	39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.388 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

Instrument :

MSVOA_U

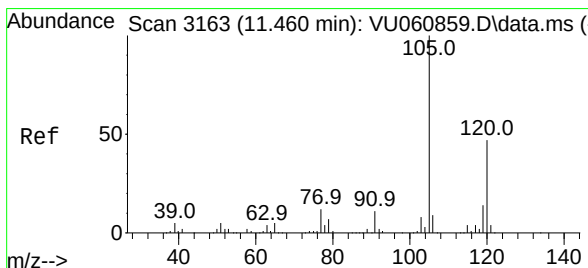
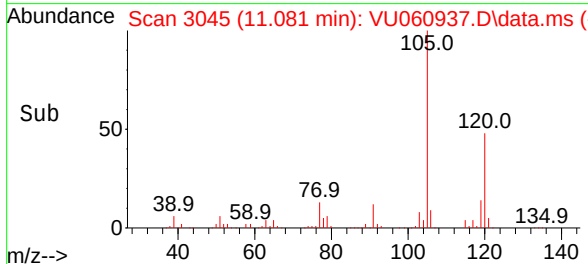
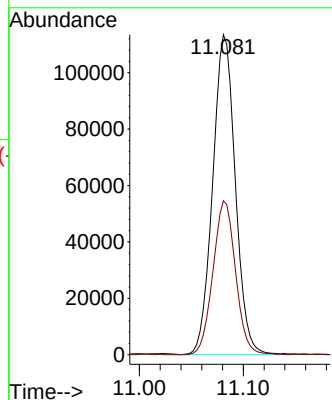
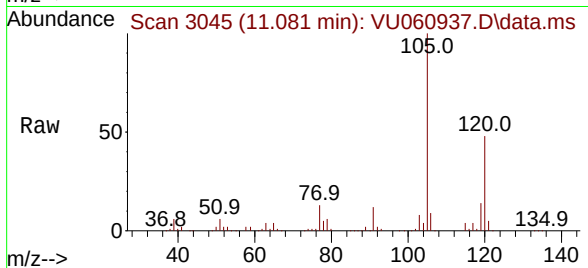
ClientSampleId :

Tgt Ion:105 Resp: 171843

Ion Ratio Lower Upper

105 100

120 47.9 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.353 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU060937.D

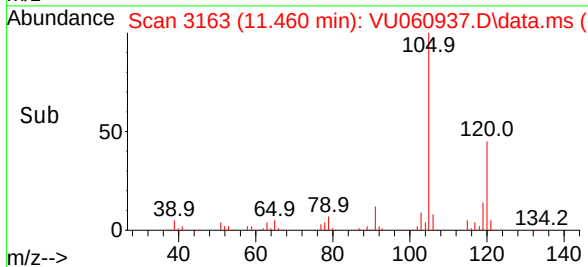
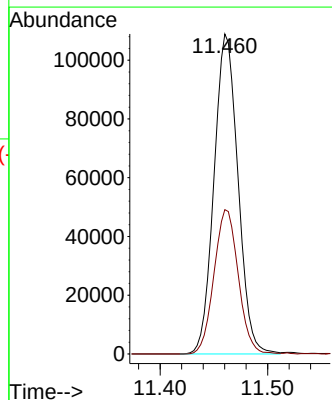
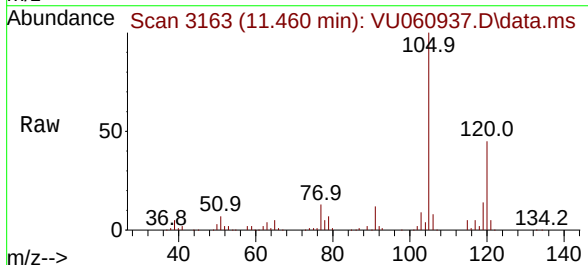
Acq: 20 Sep 2024 11:54

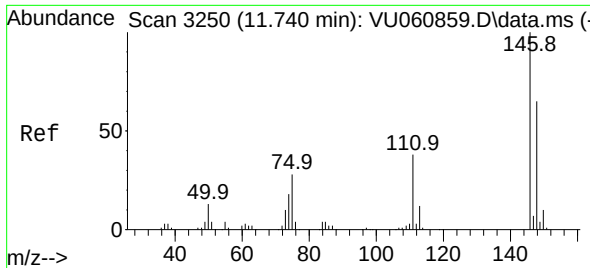
Tgt Ion:105 Resp: 168698

Ion Ratio Lower Upper

105 100

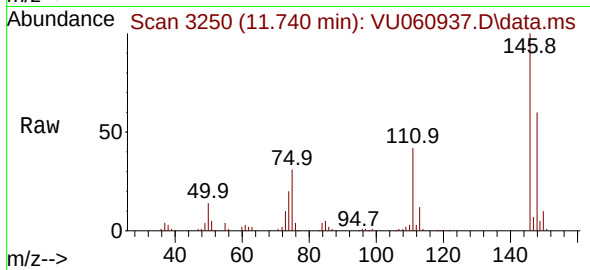
120 45.6 36.1 54.1



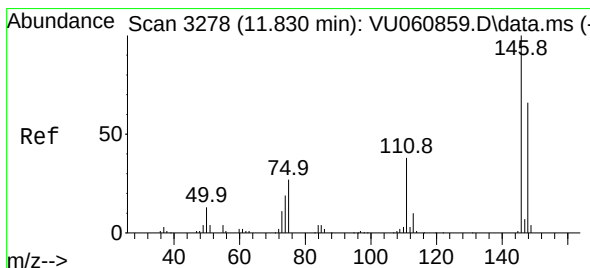
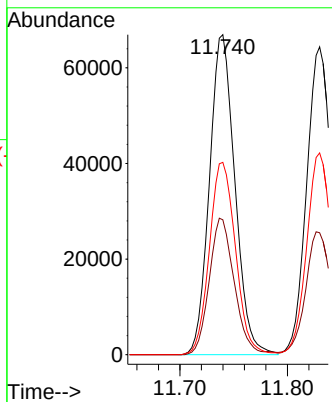
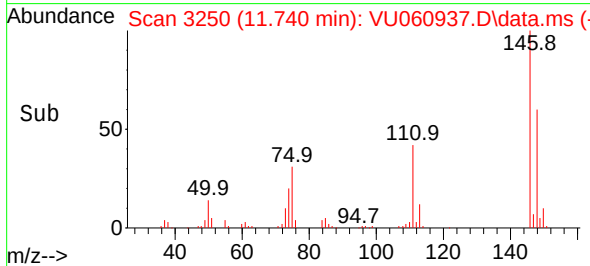


#64
1,3-Dichlorobenzene
Concen: 5.336 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

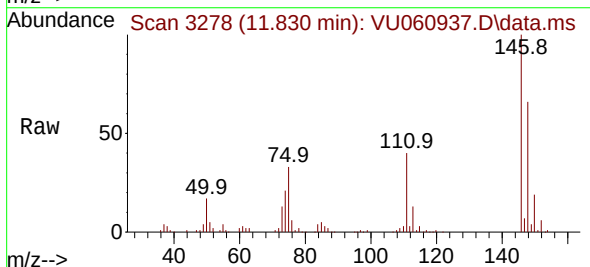
Instrument :
MSVOA_U
ClientSampleId :



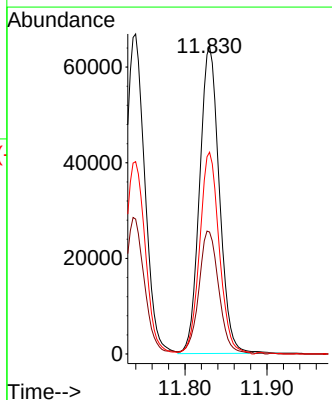
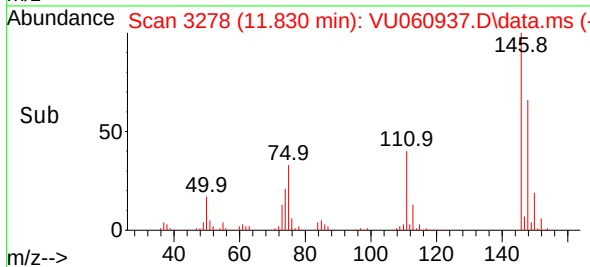
Tgt Ion:146 Resp: 110108
Ion Ratio Lower Upper
146 100
111 42.2 27.5 51.1
148 60.1 43.7 81.1

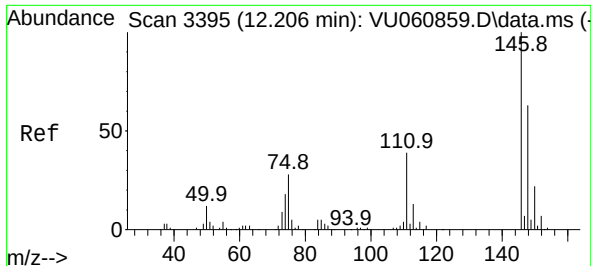


#65
1,4-Dichlorobenzene
Concen: 5.041 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54



Tgt Ion:146 Resp: 107525
Ion Ratio Lower Upper
146 100
111 39.6 26.3 48.9
148 65.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.252 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

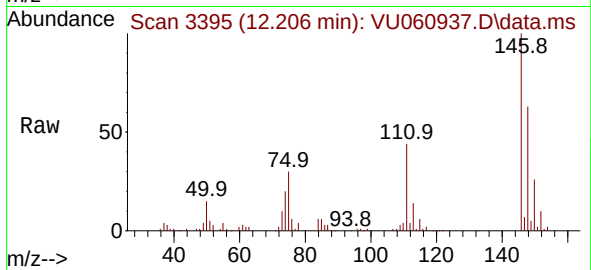
Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

Instrument :

MSVOA_U

ClientSampleId :



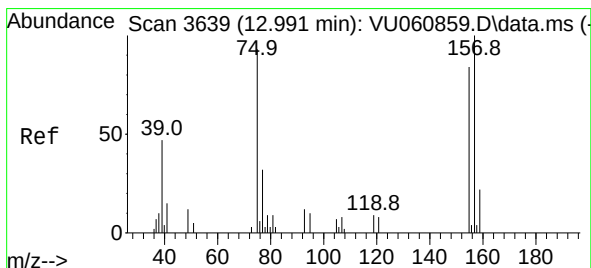
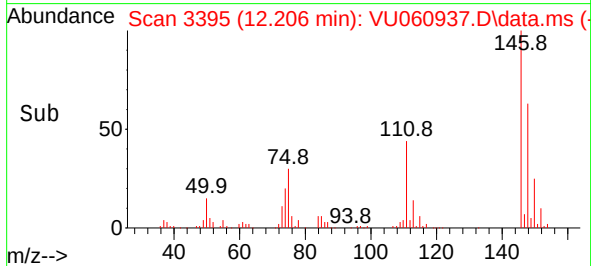
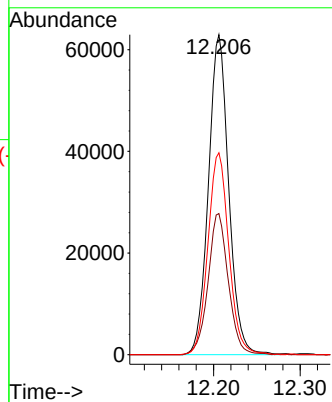
Tgt Ion:146 Resp: 102461

Ion Ratio Lower Upper

146 100

111 44.1 33.4 50.0

148 63.1 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.944 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

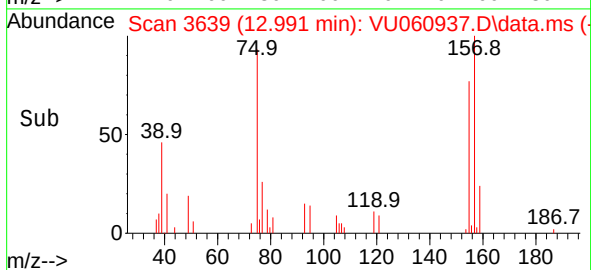
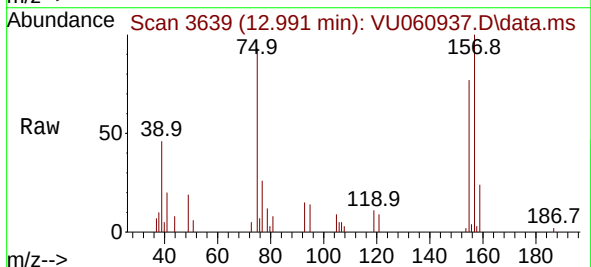
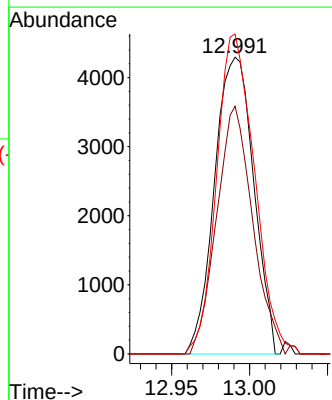
Tgt Ion: 75 Resp: 7497

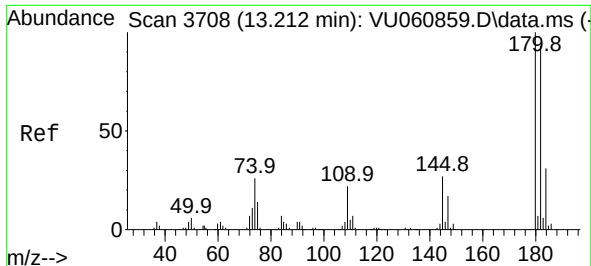
Ion Ratio Lower Upper

75 100

155 83.4 73.1 109.7

157 107.8 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.761 ug/L

RT: 13.213 min Scan# 3

Delta R.T. 0.000 min

Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 73496

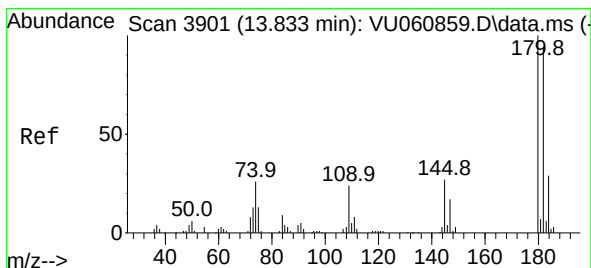
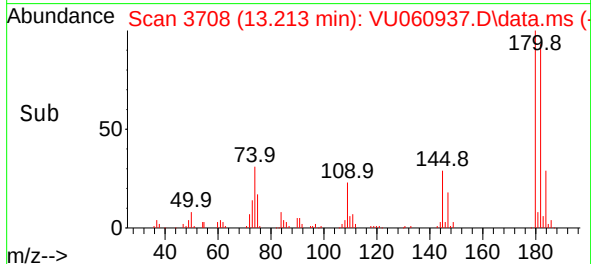
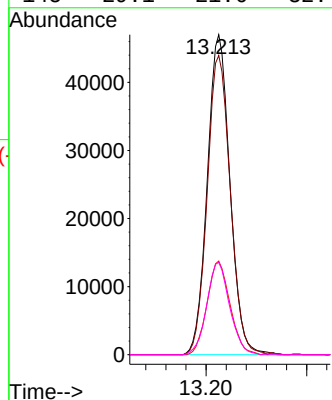
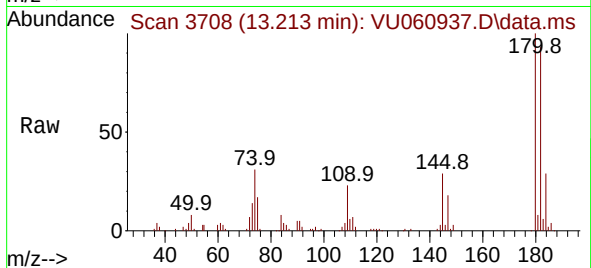
Ion Ratio Lower Upper

180 100

182 95.1 74.5 111.7

184 29.6 23.2 34.8

145 29.1 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 5.162 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060937.D

Acq: 20 Sep 2024 11:54

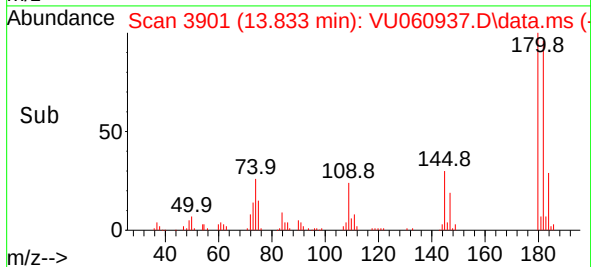
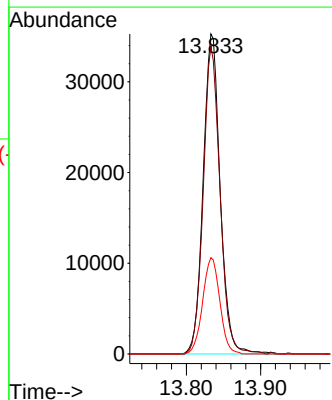
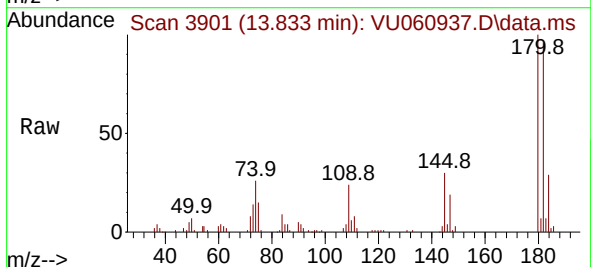
Tgt Ion:180 Resp: 56121

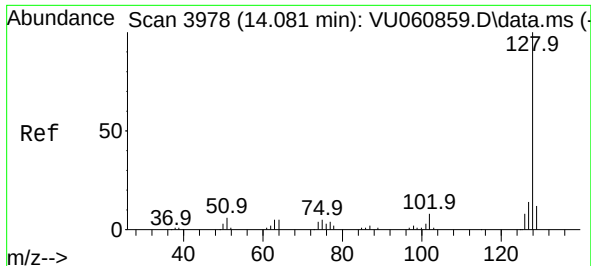
Ion Ratio Lower Upper

180 100

182 94.6 77.4 116.2

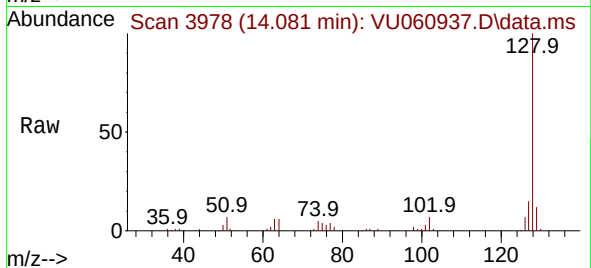
145 30.3 22.9 34.3



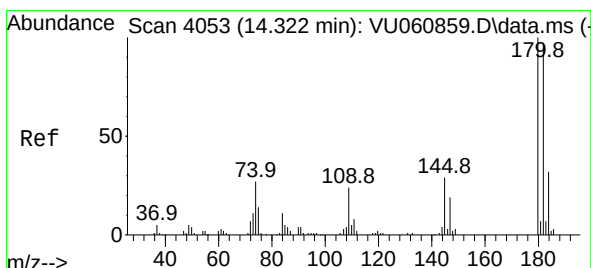
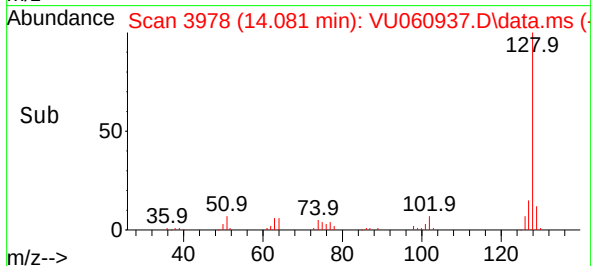
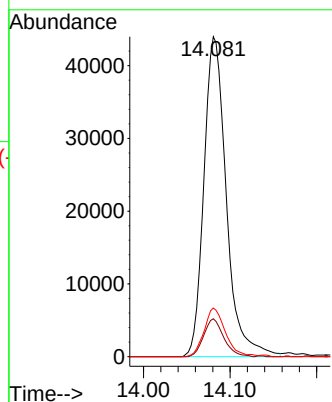


#71
Naphthalene
Concen: 5.526 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 79245
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 14.4 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.381 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060937.D
Acq: 20 Sep 2024 11:54

Tgt Ion:180 Resp: 50548
Ion Ratio Lower Upper
180 100
182 94.2 75.7 113.5
145 32.0 23.5 35.3

