

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060964.D
 Acq On : 23 Sep 2024 09:12
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:04:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54714	4.393	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.907	69	44943	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.560	65	20797	4.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.621	46	96434	48.233	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.460%
24) Chloroform-d	5.055	84	88169	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	42025	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.718	84	170110	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.682	67	54093	4.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.891	98	158821	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.174	79	20399	5.091	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.627	63	82361	52.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42938	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	52342	4.765	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	55423	5.303	ug/L	94
3) Chloromethane	1.518	50	54475	4.934	ug/L	98
5) Vinyl chloride	1.602	62	61850	5.176	ug/L	100
6) Bromomethane	1.853	94	33606	4.401	ug/L	98
8) Chloroethane	1.930	64	40848	5.595	ug/L	98
9) Trichlorofluoromethane	2.133	101	92682	5.647	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51090	5.357	ug/L	100
12) 1,1-Dichloroethene	2.573	96	43189	4.959	ug/L	97
13) Acetone	2.631	43	70051	52.517	ug/L	96
14) Carbon disulfide	2.788	76	118703	4.913	ug/L	100
15) Methyl Acetate	2.949	43	18774	5.773	ug/L	97
16) Methylene chloride	3.039	84	52014	5.157	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	110290	5.603	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	46120	5.110	ug/L	96
19) 1,1-Dichloroethane	3.859	63	95893	5.292	ug/L	98
21) 2-Butanone	4.698	43	116050	53.446	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	53767	5.383	ug/L	97
23) Bromochloromethane	4.968	128	24721	5.240	ug/L	97
25) Chloroform	5.078	83	102211	5.409	ug/L	100

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

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:04:29 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

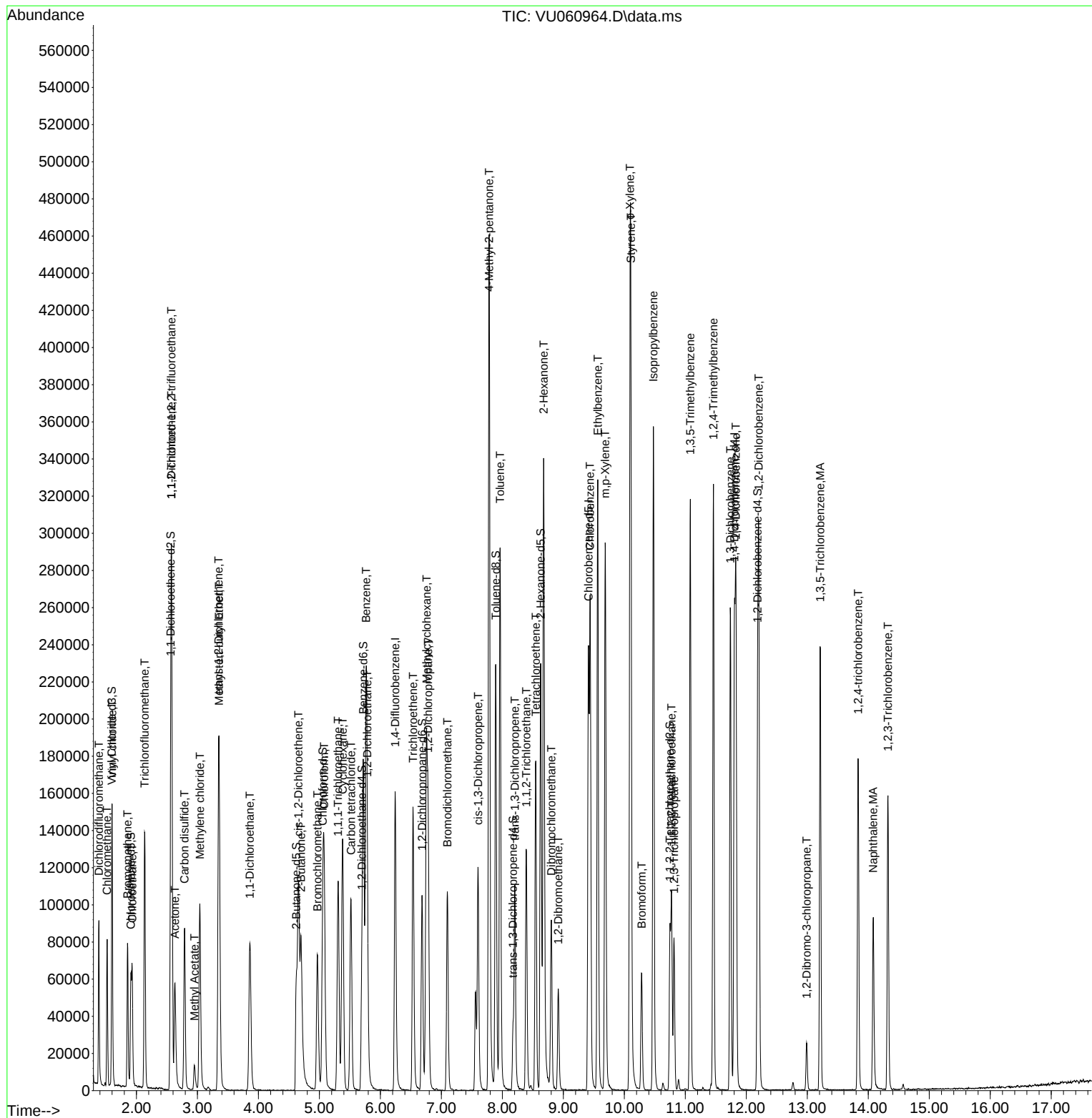
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59261	5.413	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	83930	5.791	ug/L	98
30) Cyclohexane	5.380	56	64055	5.377	ug/L	99
31) Carbon tetrachloride	5.518	117	76493	5.961	ug/L	98
33) Benzene	5.766	78	207848	5.631	ug/L	100
34) Trichloroethene	6.534	95	54836	5.667	ug/L	96
35) Methylcyclohexane	6.756	83	69832	5.260	ug/L	99
37) 1,2-Dichloropropane	6.782	63	58495	5.751	ug/L #	97
38) Bromodichloromethane	7.097	83	74234	5.950	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	79242	5.858	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	297699	62.679	ug/L	98
42) Toluene	7.962	91	223119	5.781	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	66904	6.014	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	42247	5.753	ug/L	98
47) Tetrachloroethene	8.547	164	40241	5.233	ug/L	97
48) 2-Hexanone	8.676	43	220264	63.623	ug/L	97
49) Dibromochloromethane	8.801	129	48612	5.815	ug/L	96
50) 1,2-Dibromoethane	8.917	107	38206	5.830	ug/L	99
51) Chlorobenzene	9.438	112	140201	5.410	ug/L	98
52) Ethylbenzene	9.563	91	233352	5.743	ug/L	100
53) m,p-Xylene	9.685	106	88027	5.714	ug/L	96
54) o-Xylene	10.094	106	91126	5.994	ug/L	98
55) Styrene	10.107	104	156958	6.125	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	53678	5.861	ug/L	96
59) Bromoform	10.283	173	31010	6.295	ug/L	98
60) Isopropylbenzene	10.476	105	235013	6.067	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	35859	5.882	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	171304	5.690	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	172400	5.795	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	109954	5.645	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	111443	5.535	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	104248	5.660	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	7332	6.159	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.209	180	76844	5.274	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	58609	5.711	ug/L	98
71) Naphthalene	14.081	128	82217	6.074	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	52999	5.977	ug/L	98

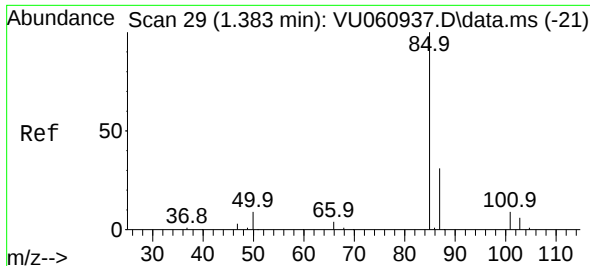
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 24 06:04:29 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 21 01:39:49 2024
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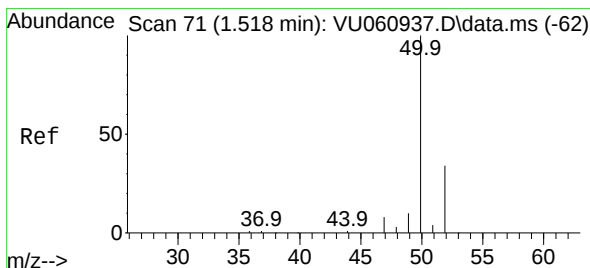
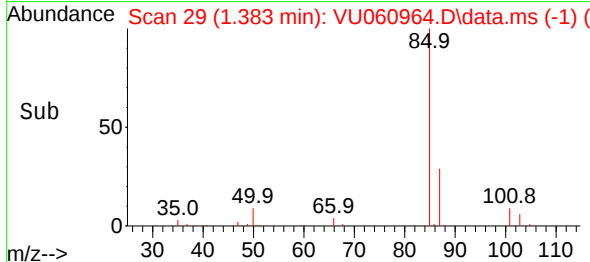
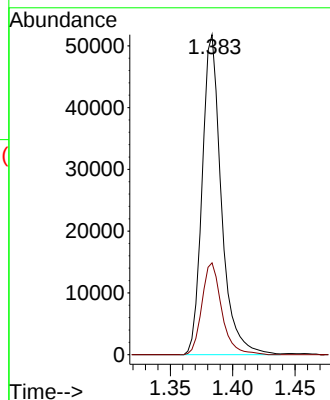
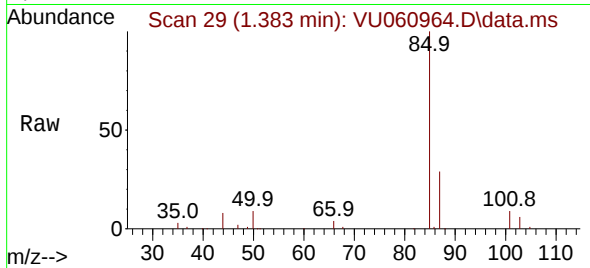




#2
 Dichlorodifluoromethane
 Concen: 5.303 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060964.D
 Acq: 23 Sep 2024 09:12

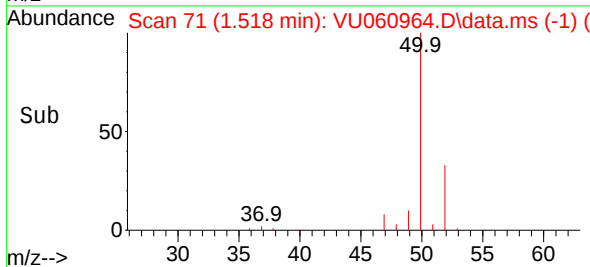
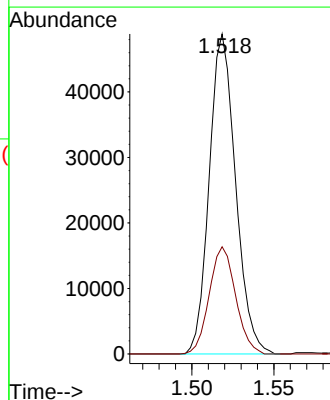
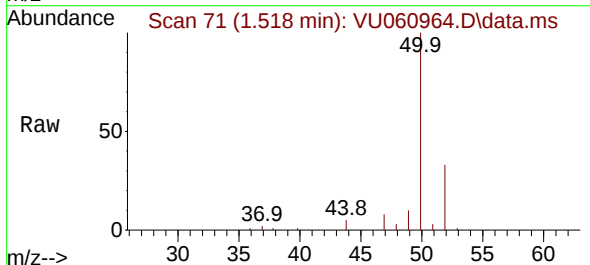
Instrument :
 MSVOA_U
 ClientSampleId :

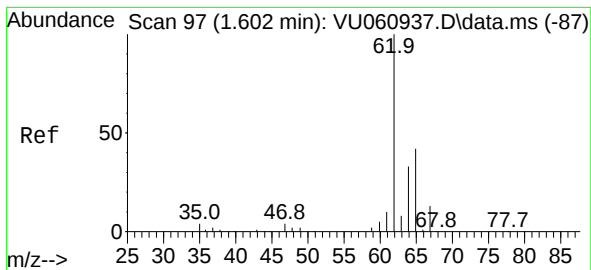
Tgt Ion: 85 Resp: 55423
 Ion Ratio Lower Upper
 85 100
 87 29.6 26.2 39.2



#3
 Chloromethane
 Concen: 4.934 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060964.D
 Acq: 23 Sep 2024 09:12

Tgt Ion: 50 Resp: 54475
 Ion Ratio Lower Upper
 50 100
 52 33.5 24.4 45.4





#5

Vinyl chloride

Concen: 5.176 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

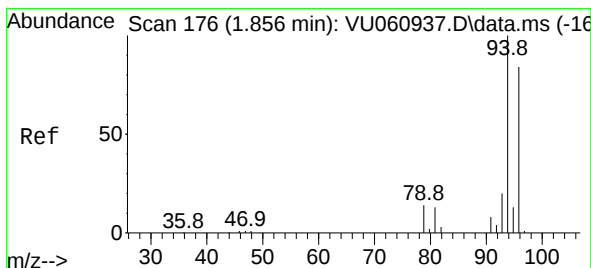
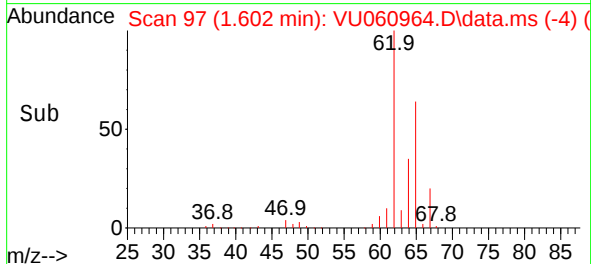
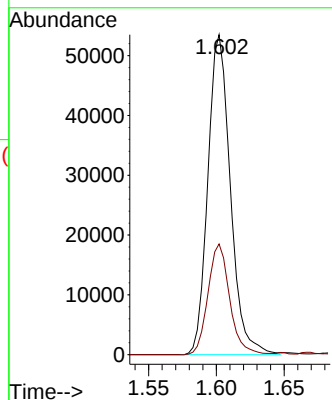
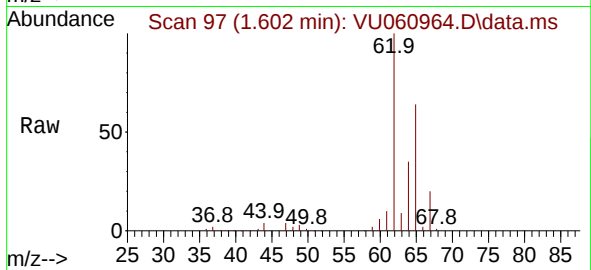
ClientSampleId :

Tgt Ion: 62 Resp: 61850

Ion Ratio Lower Upper

62 100

64 34.6 24.0 44.6



#6

Bromomethane

Concen: 4.401 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU060964.D

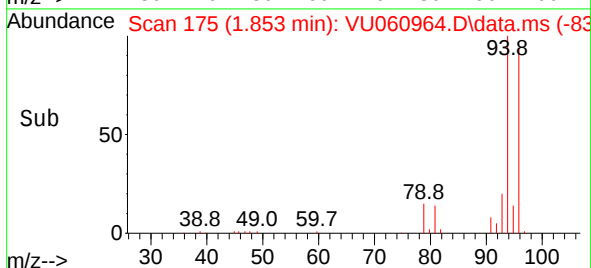
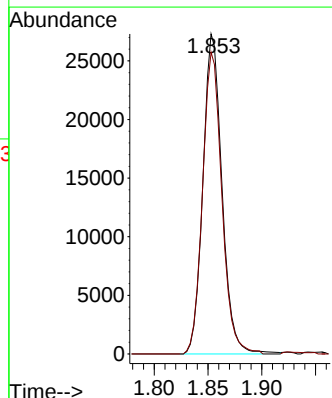
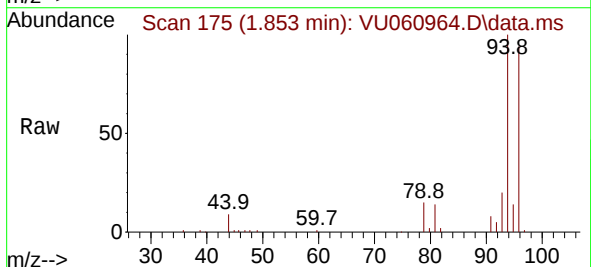
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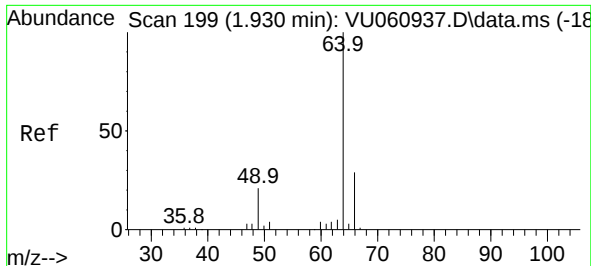
Tgt Ion: 94 Resp: 33606

Ion Ratio Lower Upper

94 100

96 94.3 67.3 124.9

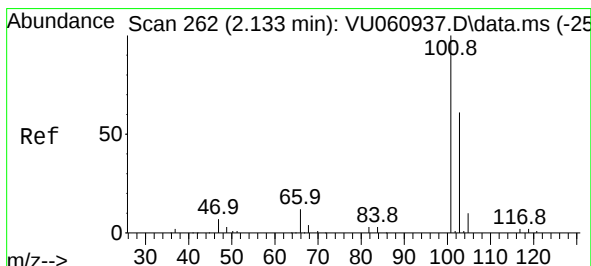
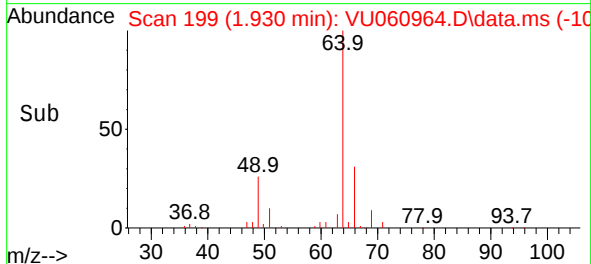
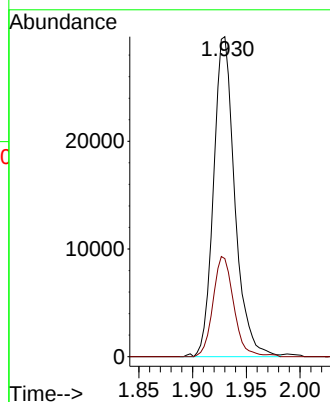
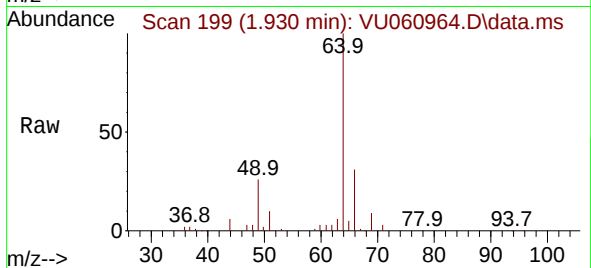




#8
Chloroethane
Concen: 5.595 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

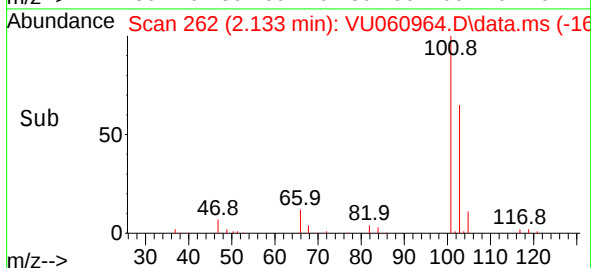
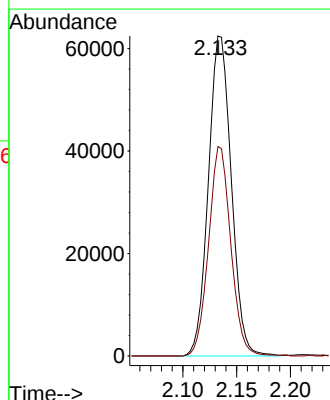
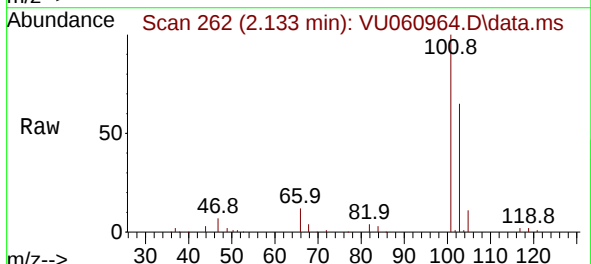
Instrument :
MSVOA_U
ClientSampleId :

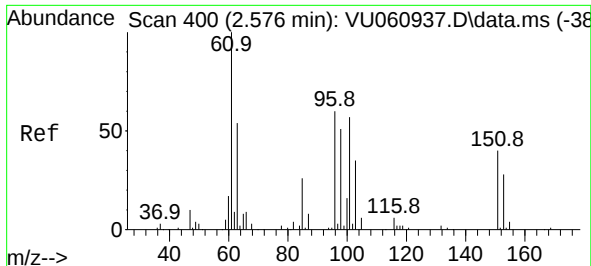
Tgt Ion: 64 Resp: 40848
Ion Ratio Lower Upper
64 100
66 30.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.647 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Tgt Ion:101 Resp: 92682
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2





#10

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

Concen: 5.357 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

ClientSampleId :

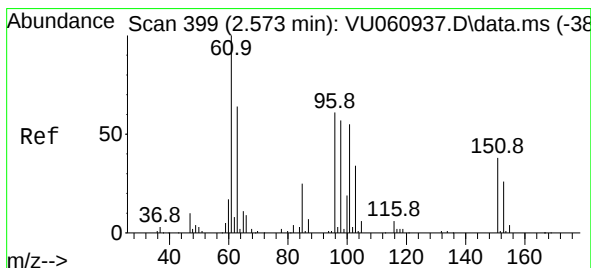
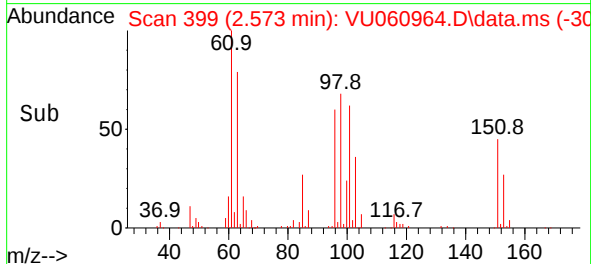
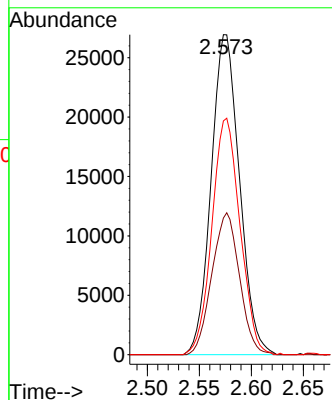
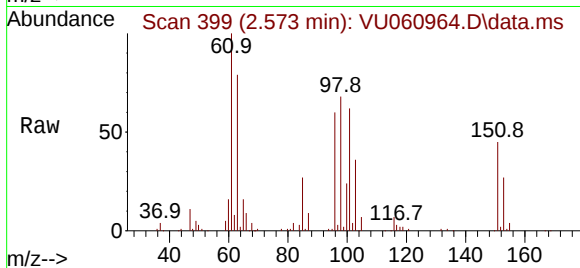
Tgt Ion:101 Resp: 51090

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.4

151 73.2 58.6 88.0



#12

1,1-Dichloroethene

Concen: 4.959 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

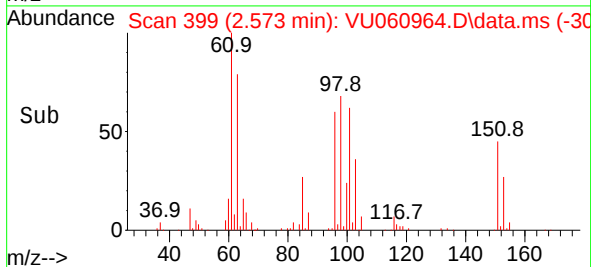
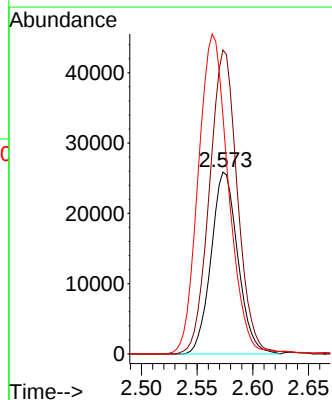
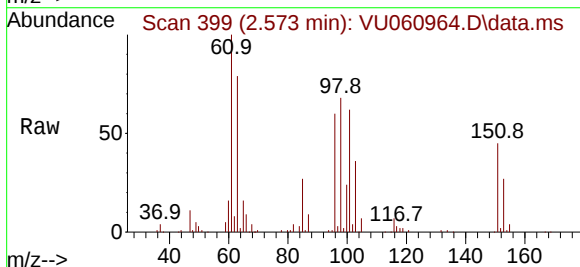
Tgt Ion: 96 Resp: 43189

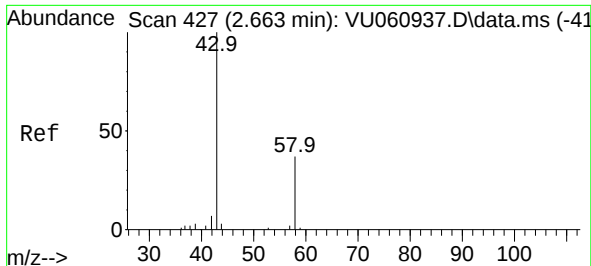
Ion Ratio Lower Upper

96 100

61 167.2 120.7 224.1

63 131.3 90.0 167.2





#13

Acetone

Concen: 52.517 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.016 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

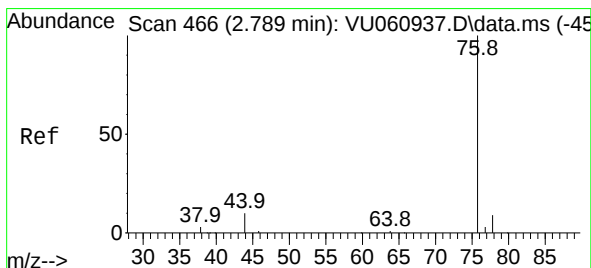
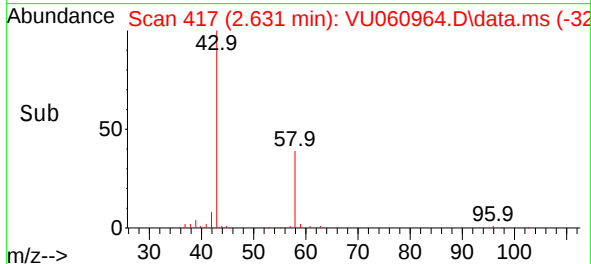
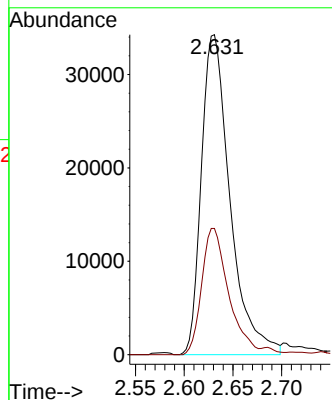
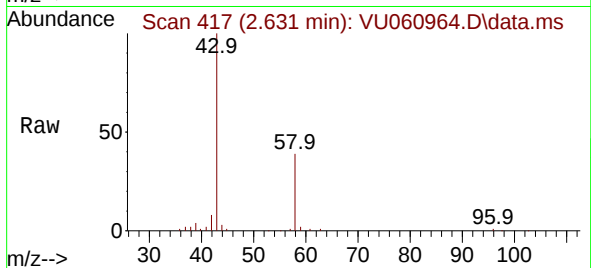
ClientSampleId :

Tgt Ion: 43 Resp: 70051

Ion Ratio Lower Upper

43 100

58 36.9 0.0 69.6



#14

Carbon disulfide

Concen: 4.913 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060964.D

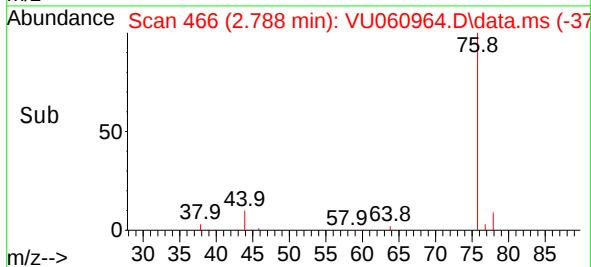
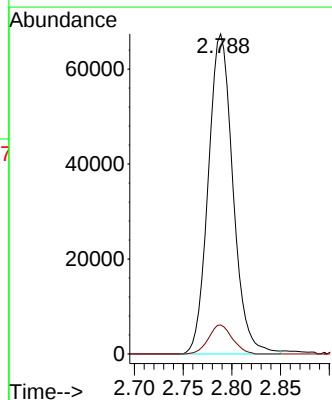
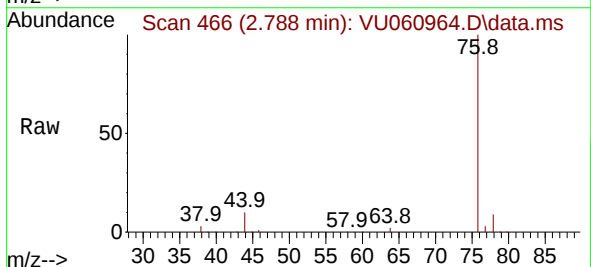
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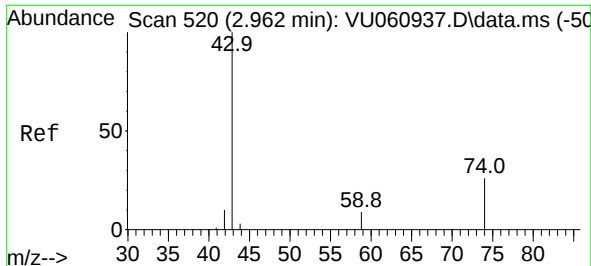
Tgt Ion: 76 Resp: 118703

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7





#15

Methyl Acetate

Concen: 5.773 ug/L

RT: 2.949 min Scan# 516

Delta R.T. -0.006 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

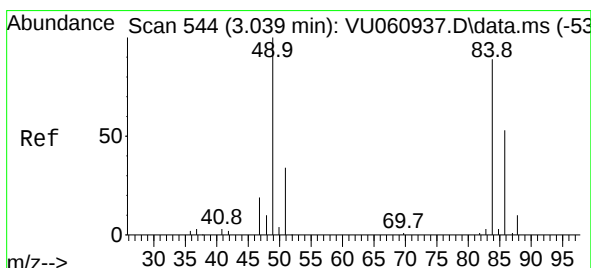
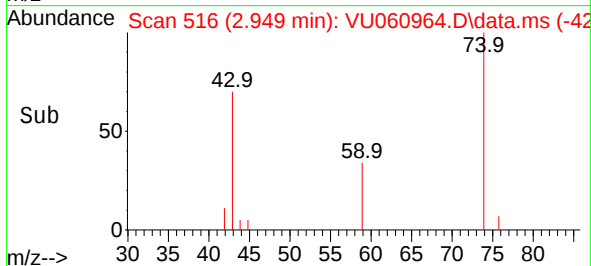
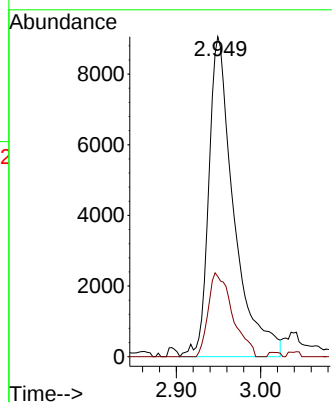
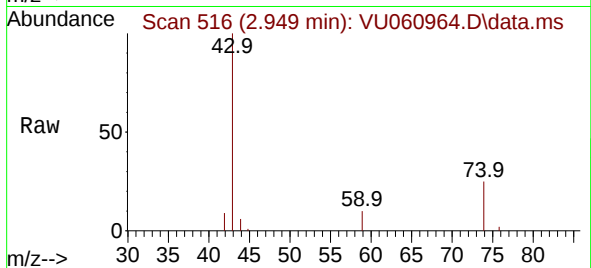
ClientSampleId :

Tgt Ion: 43 Resp: 18774

Ion Ratio Lower Upper

43 100

74 25.3 18.9 28.3



#16

Methylene chloride

Concen: 5.157 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

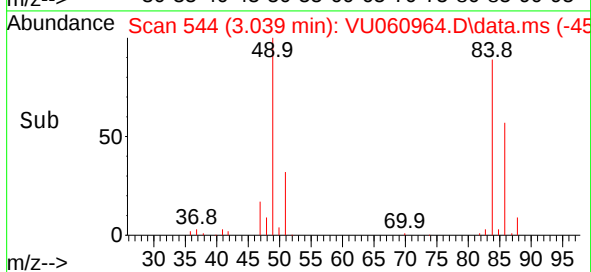
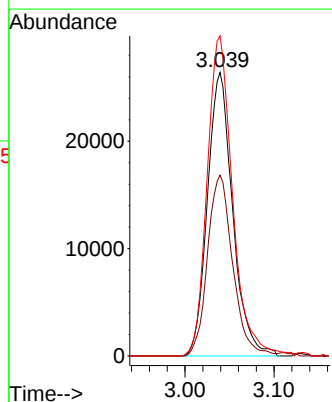
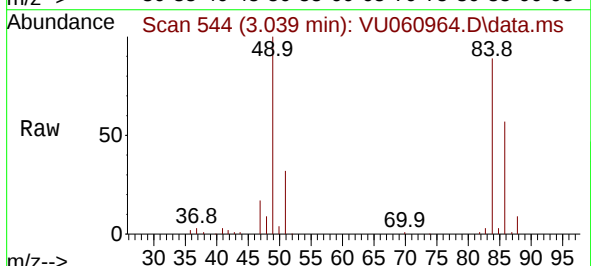
Tgt Ion: 84 Resp: 52014

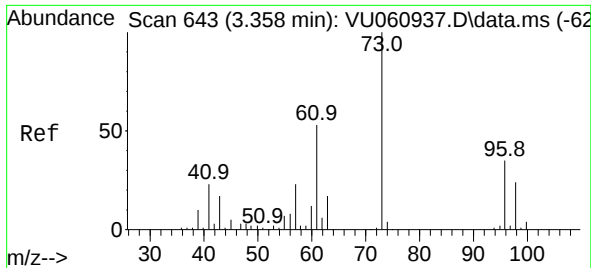
Ion Ratio Lower Upper

84 100

86 63.8 47.3 87.8

49 112.8 78.7 146.1

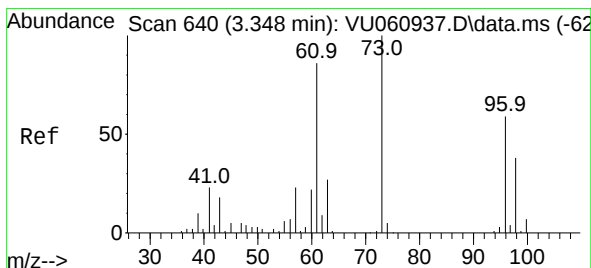
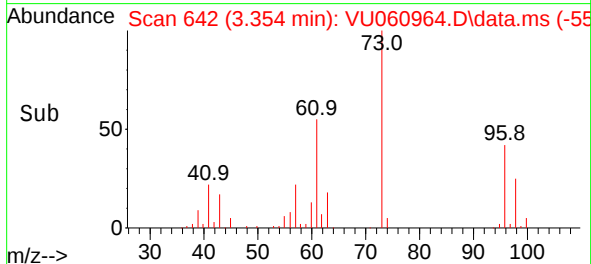
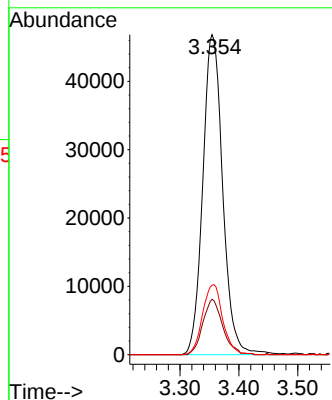
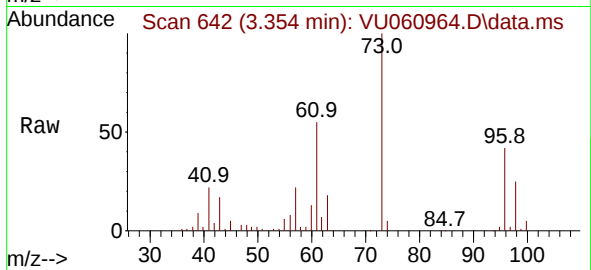




#17
Methyl tert-butyl Ether
Concen: 5.603 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

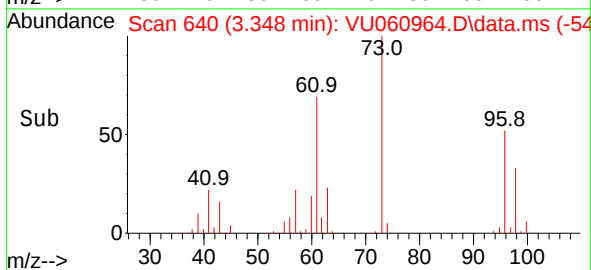
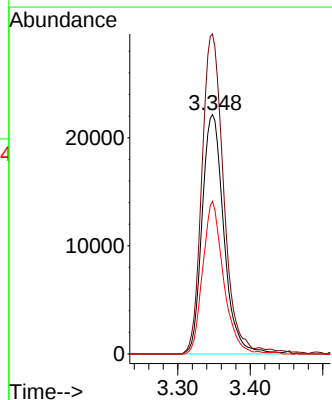
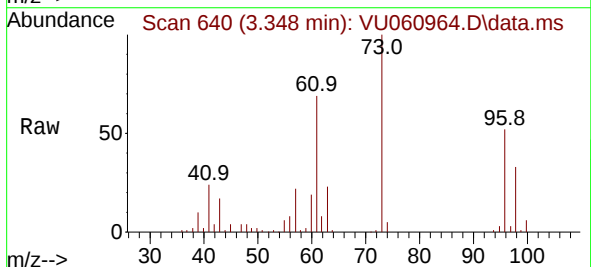
Instrument :
MSVOA_U
ClientSampleId :

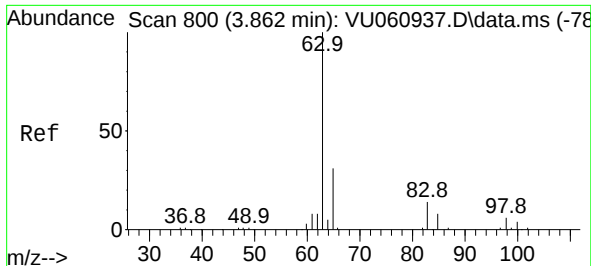
Tgt Ion: 73 Resp: 110290
Ion Ratio Lower Upper
73 100
43 17.3 13.8 20.8
57 22.2 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.110 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

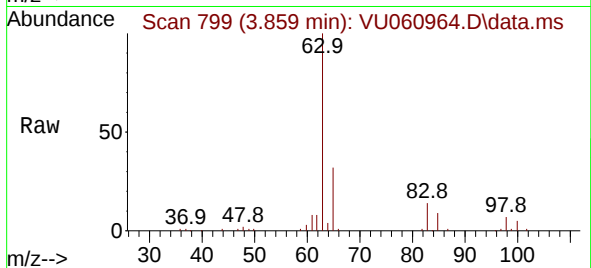
Tgt Ion: 96 Resp: 46120
Ion Ratio Lower Upper
96 100
61 133.7 97.2 180.6
98 63.8 43.3 80.5



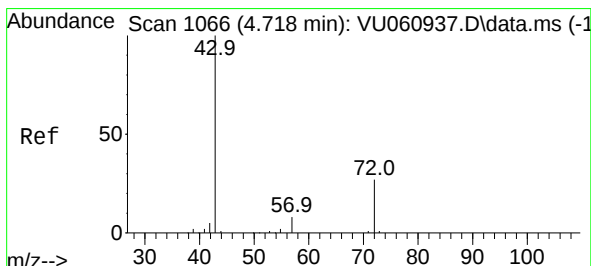
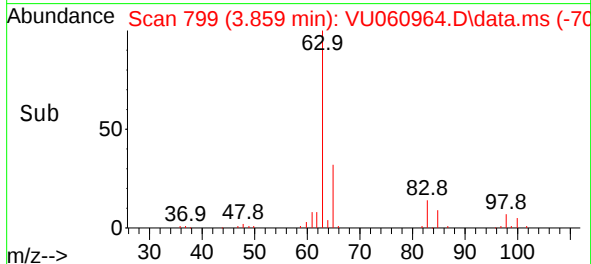
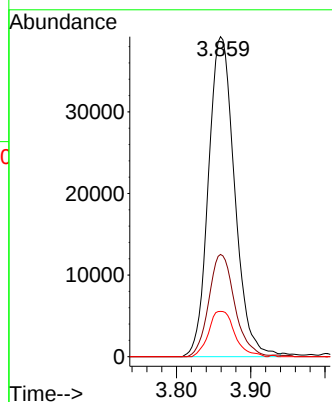


#19
1,1-Dichloroethane
Concen: 5.292 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Instrument :
MSVOA_U
ClientSampleId :

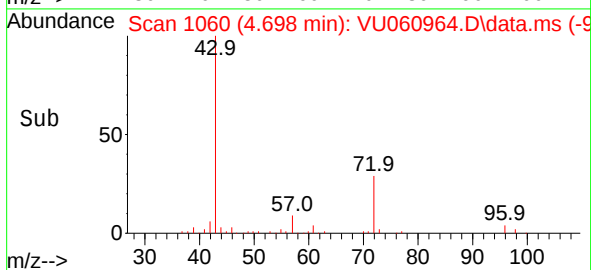
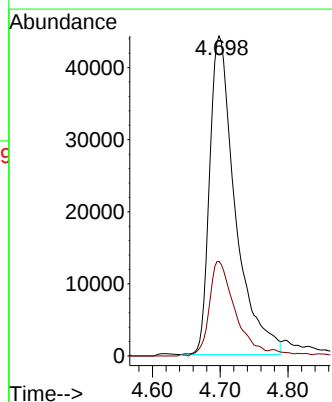
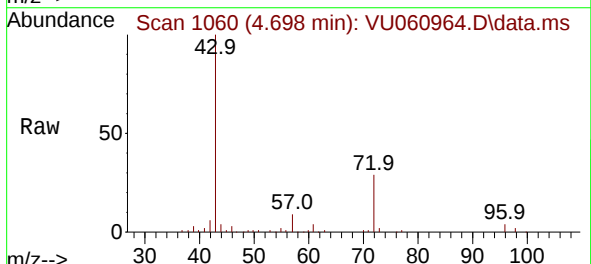


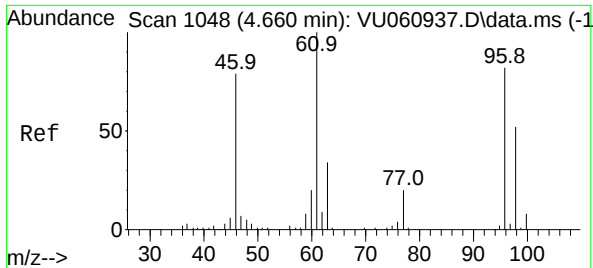
Tgt Ion: 63 Resp: 95893
Ion Ratio Lower Upper
63 100
65 31.9 23.0 42.8
83 14.2 9.0 16.6



#21
2-Butanone
Concen: 53.446 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.013 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

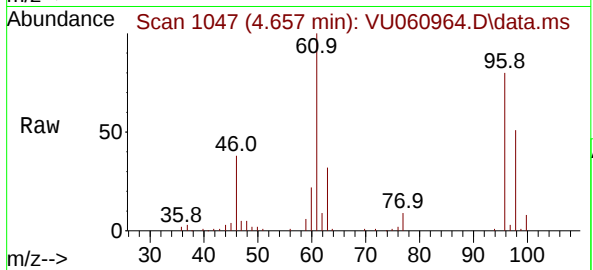
Tgt Ion: 43 Resp: 116050
Ion Ratio Lower Upper
43 100
72 29.5 14.8 44.3





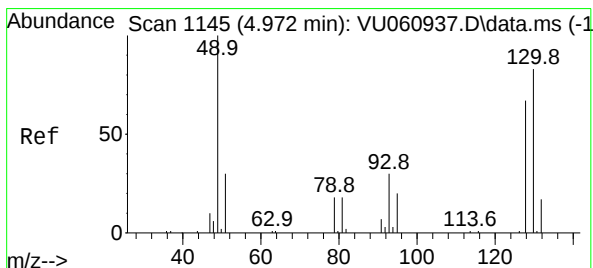
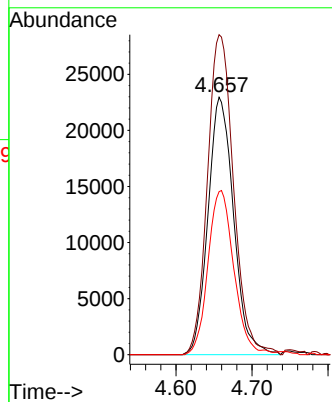
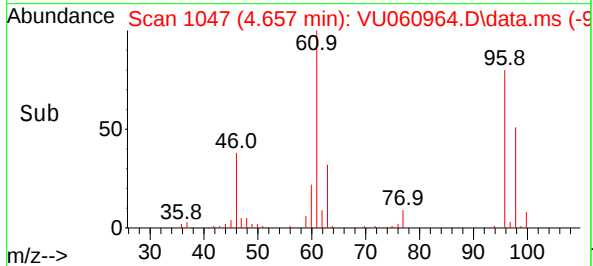
#22
cis-1,2-Dichloroethene
Concen: 5.383 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 53767

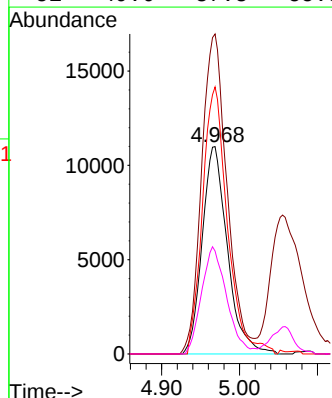
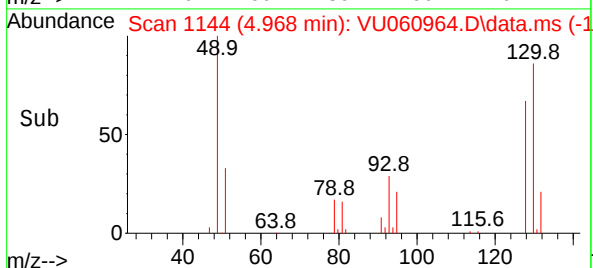
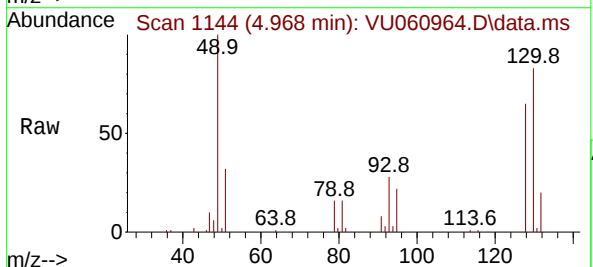
Ion	Ratio	Lower	Upper
96	100		
61	124.3	89.7	166.5
98	63.4	45.1	83.9

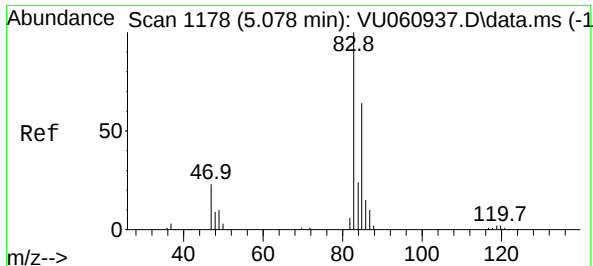


#23
Bromochloromethane
Concen: 5.240 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Tgt Ion:128 Resp: 24721

Ion	Ratio	Lower	Upper
128	100		
49	154.3	109.6	203.6
130	128.8	87.8	163.0
51	49.6	37.3	55.9





#25

Chloroform

Concen: 5.409 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

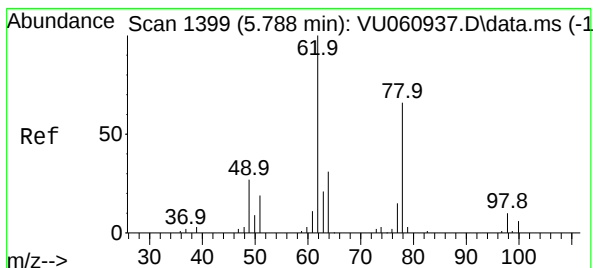
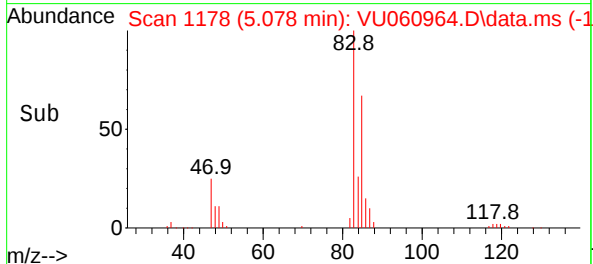
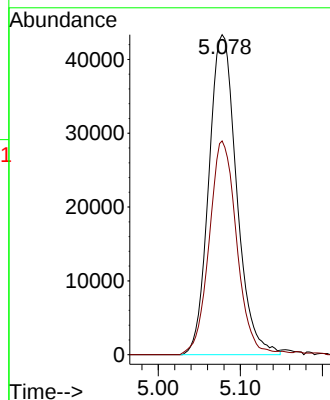
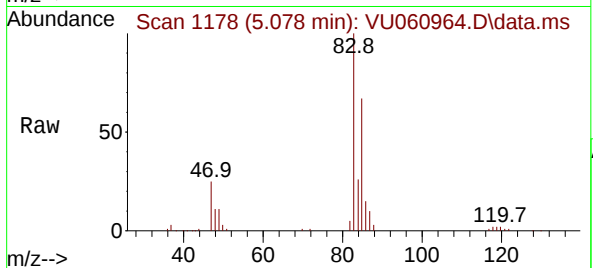
ClientSampleId :

Tgt Ion: 83 Resp: 102211

Ion Ratio Lower Upper

83 100

85 66.8 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.413 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060964.D

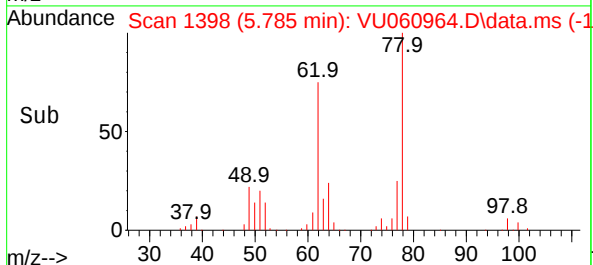
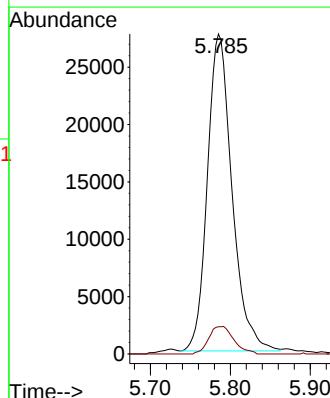
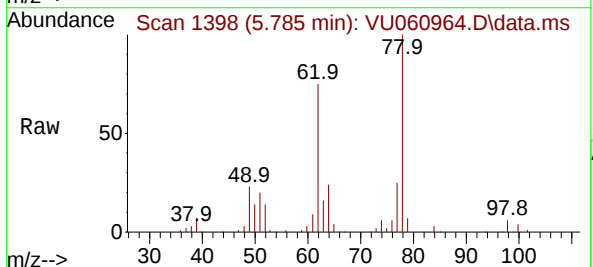
Acq: 23 Sep 2024 09:12

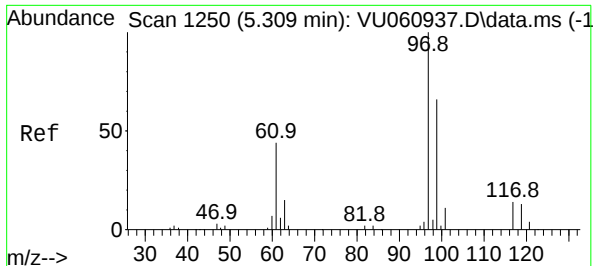
Tgt Ion: 62 Resp: 59261

Ion Ratio Lower Upper

62 100

98 8.5 8.2 12.4

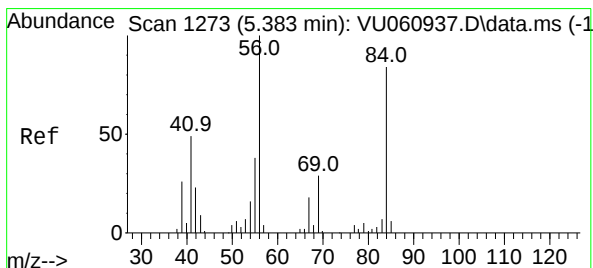
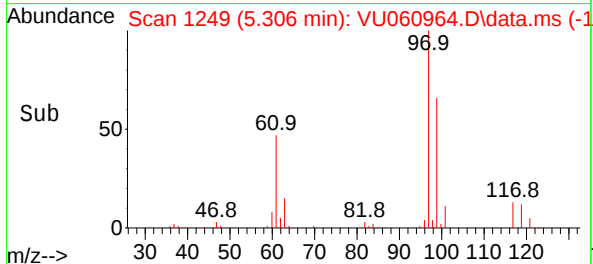
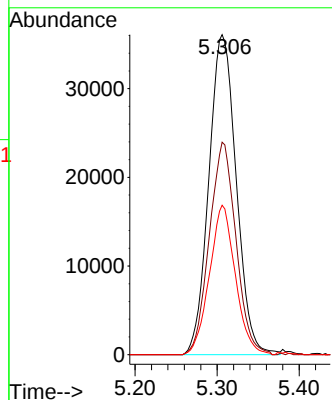
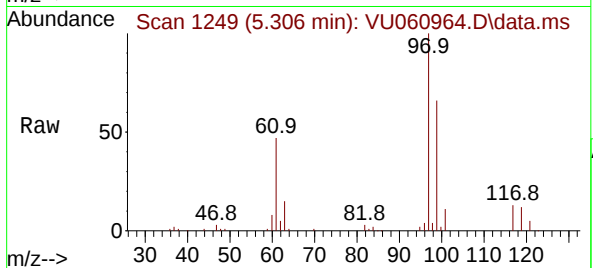




#29
1,1,1-Trichloroethane
Concen: 5.791 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

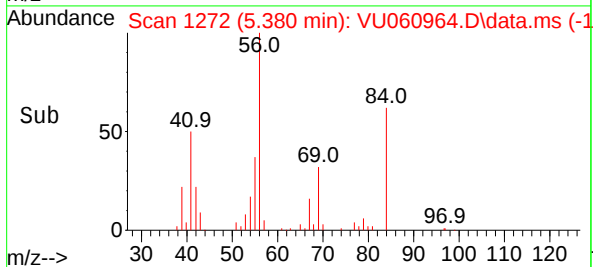
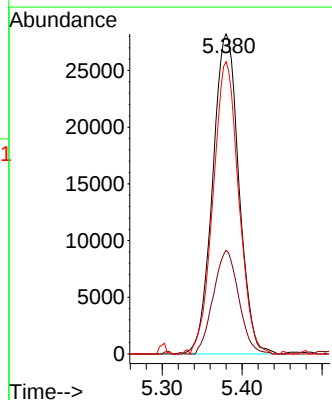
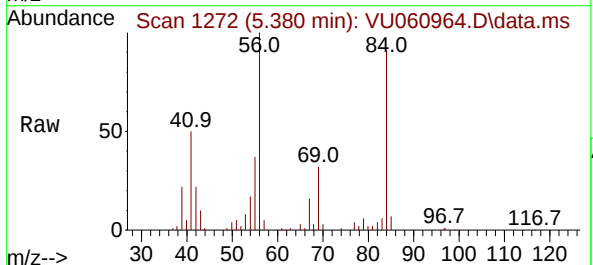
Instrument :
MSVOA_U
ClientSampleId :

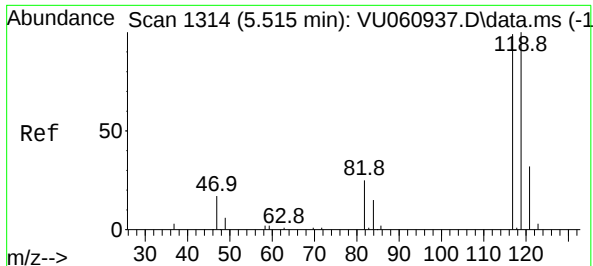
Tgt Ion: 97 Resp: 83930
Ion Ratio Lower Upper
97 100
99 64.4 50.5 75.7
61 44.1 34.4 51.6



#30
Cyclohexane
Concen: 5.377 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Tgt Ion: 56 Resp: 64055
Ion Ratio Lower Upper
56 100
69 31.5 25.4 38.0
84 89.6 71.0 106.6

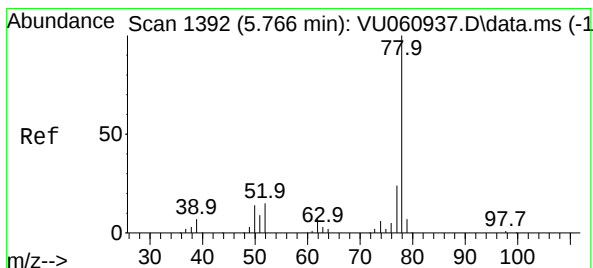
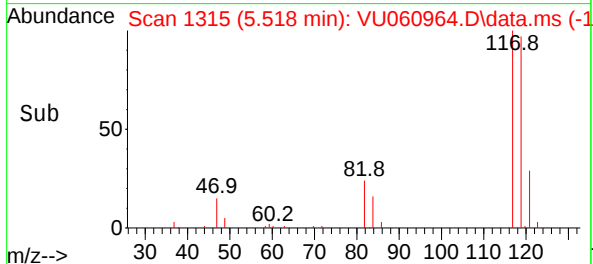
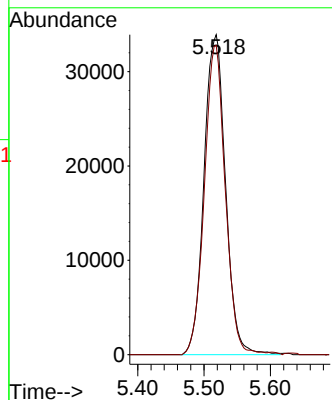
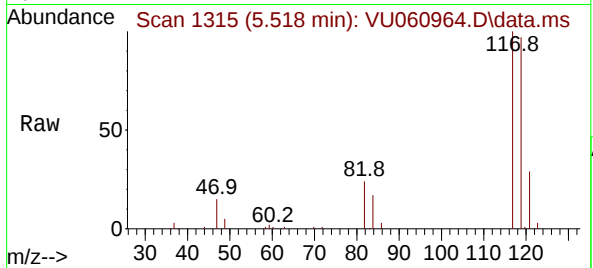




#31
Carbon tetrachloride
Concen: 5.961 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

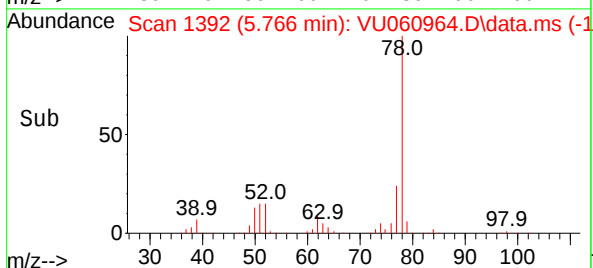
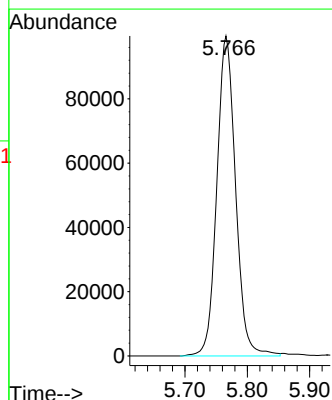
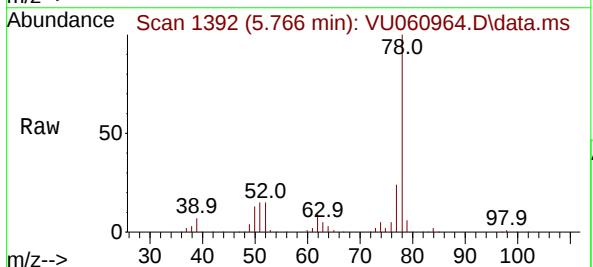
Instrument :
MSVOA_U
ClientSampleId :

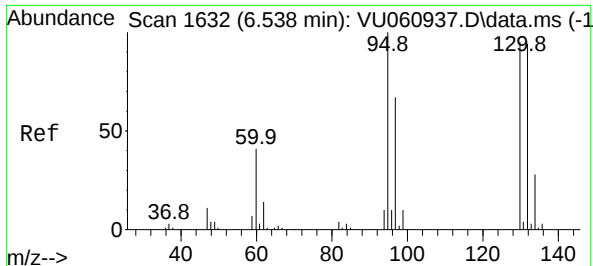
Tgt Ion:117 Resp: 76493
Ion Ratio Lower Upper
117 100
119 93.8 76.3 114.5



#33
Benzene
Concen: 5.631 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Tgt Ion: 78 Resp: 207848

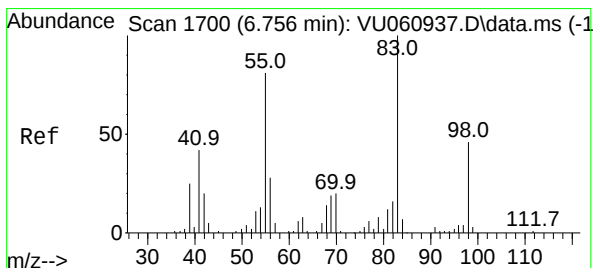
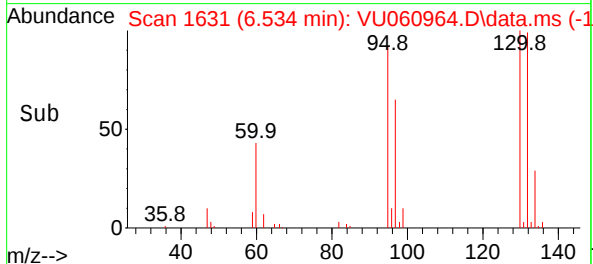
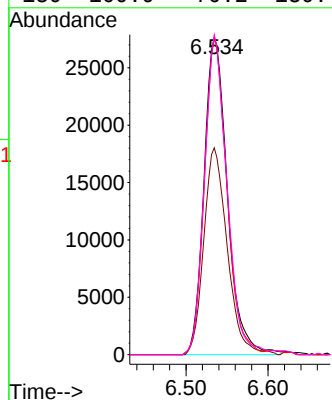
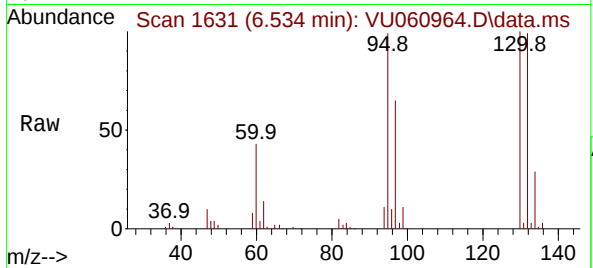




#34
Trichloroethene
Concen: 5.667 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

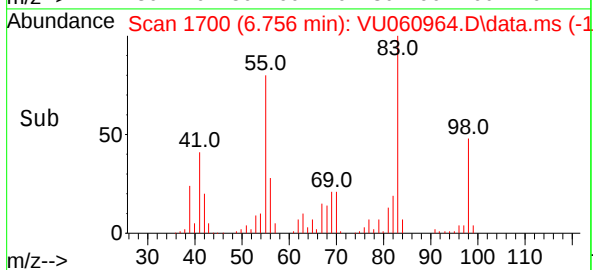
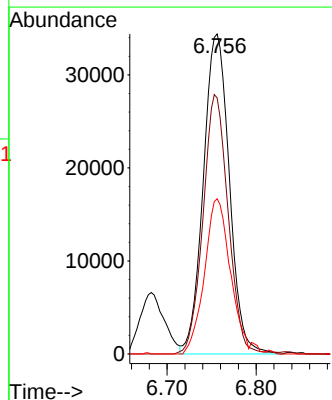
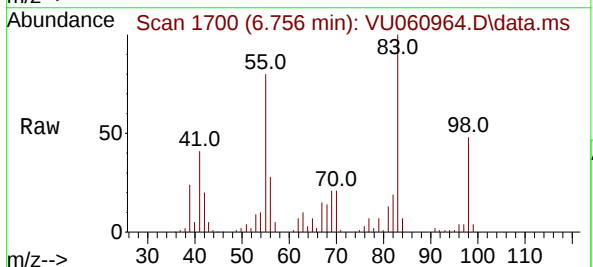
Instrument :
MSVOA_U
ClientSampleId :

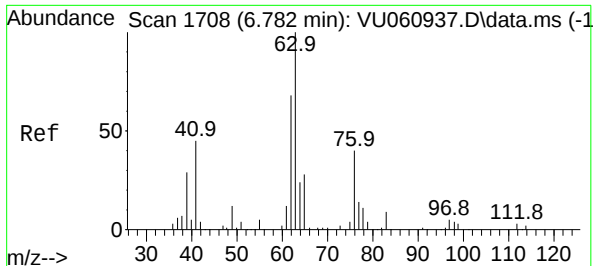
Tgt Ion: 95 Resp: 54836
Ion Ratio Lower Upper
95 100
97 65.2 44.9 83.5
132 99.7 63.5 117.9
130 100.9 70.2 130.4



#35
Methylcyclohexane
Concen: 5.260 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Tgt Ion: 83 Resp: 69832
Ion Ratio Lower Upper
83 100
55 78.0 62.6 94.0
98 48.8 37.6 56.4

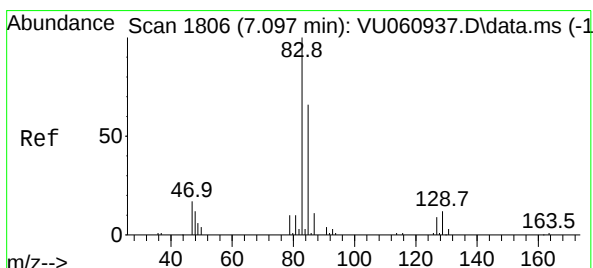
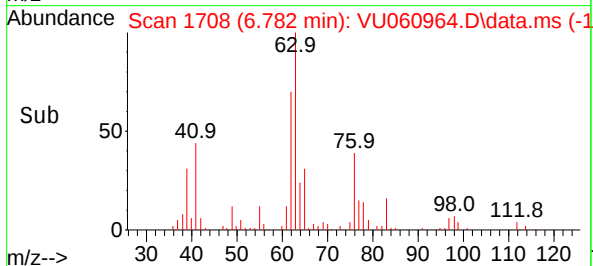
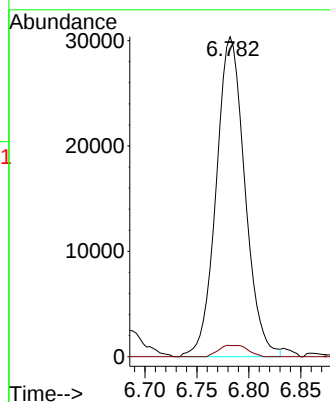
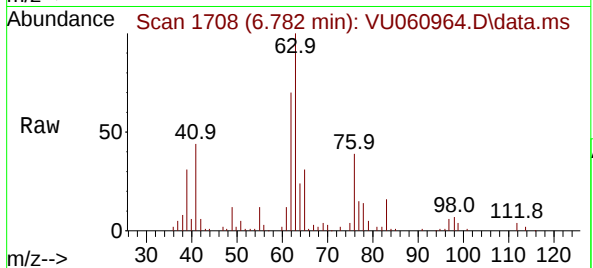




#37
1,2-Dichloropropane
Concen: 5.751 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

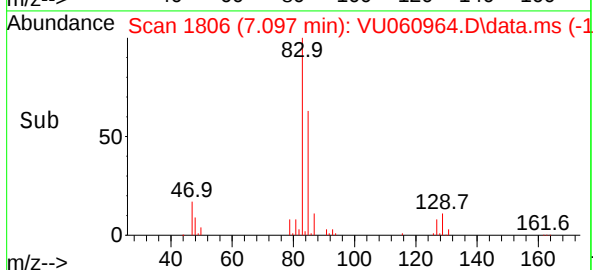
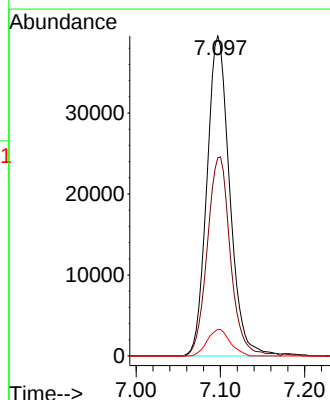
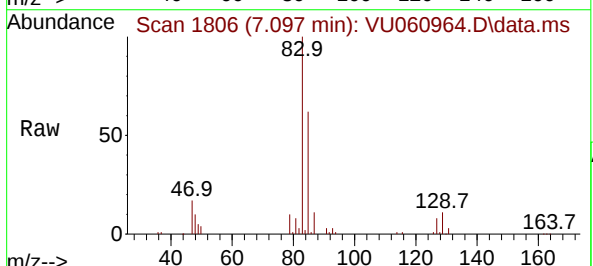
Instrument :
MSVOA_U
ClientSampleId :

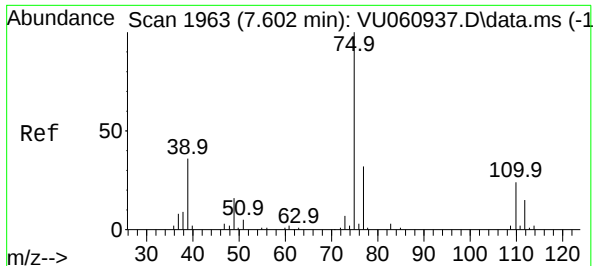
Tgt Ion: 63 Resp: 58495
Ion Ratio Lower Upper
63 100
112 3.6 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.950 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Tgt Ion: 83 Resp: 74234
Ion Ratio Lower Upper
83 100
85 61.9 45.6 84.8
127 8.3 7.0 10.6

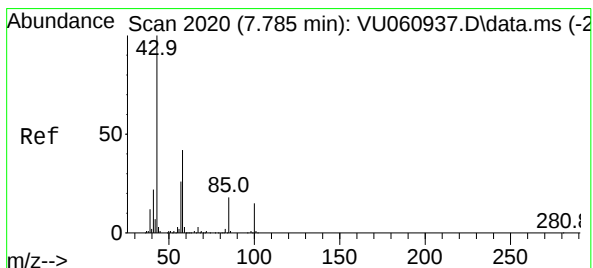
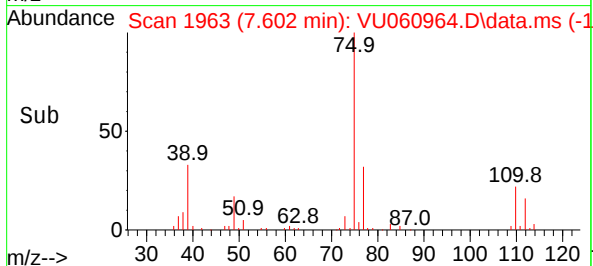
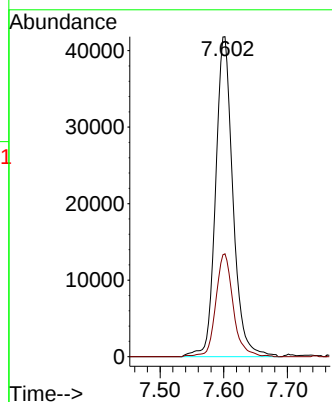
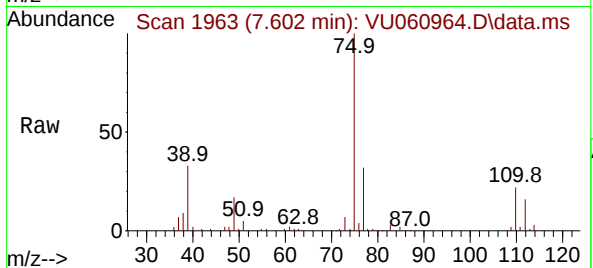




#39
 cis-1,3-Dichloropropene
 Concen: 5.858 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060964.D
 Acq: 23 Sep 2024 09:12

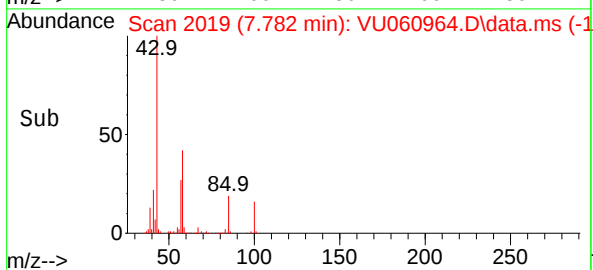
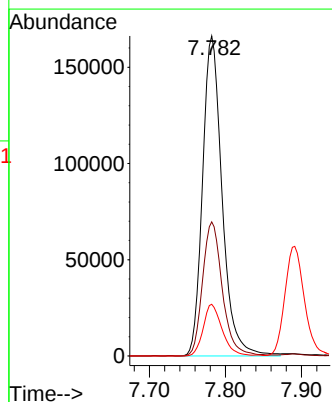
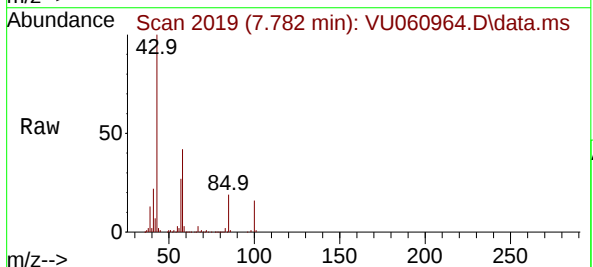
Instrument :
 MSVOA_U
 ClientSampleId :

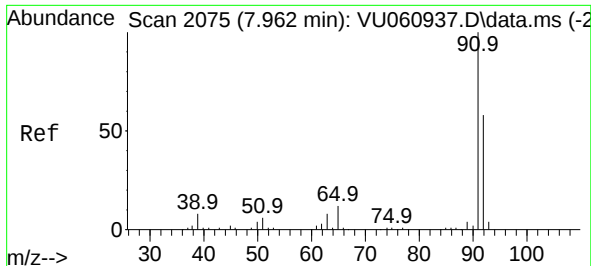
Tgt Ion: 75 Resp: 79242
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 62.679 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU060964.D
 Acq: 23 Sep 2024 09:12

Tgt Ion: 43 Resp: 297699
 Ion Ratio Lower Upper
 43 100
 58 42.3 34.9 52.3
 100 15.6 13.4 20.0





#42

Toluene

Concen: 5.781 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

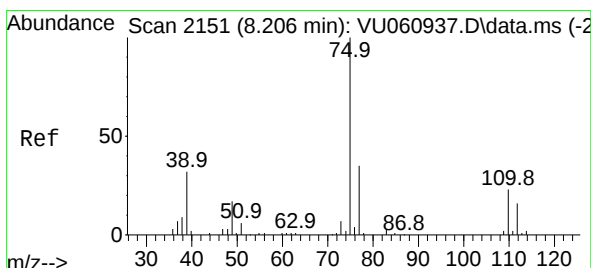
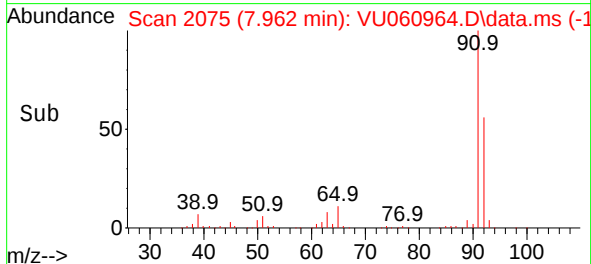
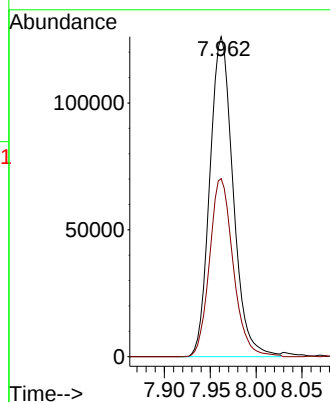
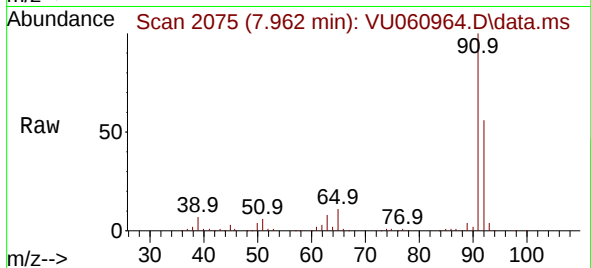
ClientSampleId :

Tgt Ion: 91 Resp: 223119

Ion Ratio Lower Upper

91 100

92 55.7 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 6.014 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU060964.D

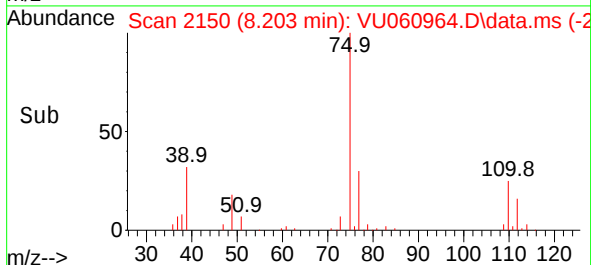
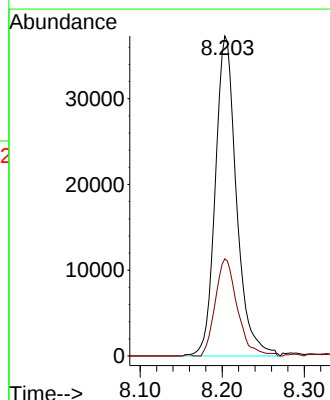
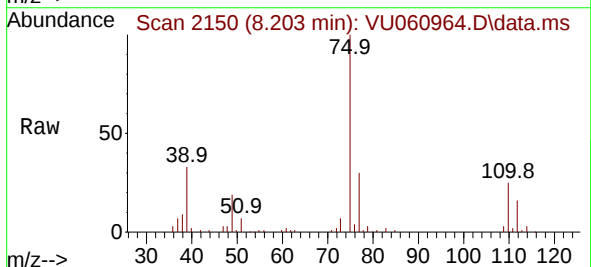
Acq: 23 Sep 2024 09:12

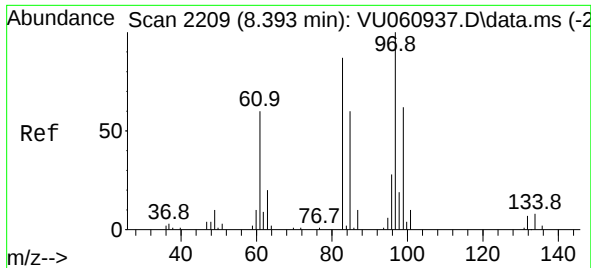
Tgt Ion: 75 Resp: 66904

Ion Ratio Lower Upper

75 100

77 30.4 23.1 42.9



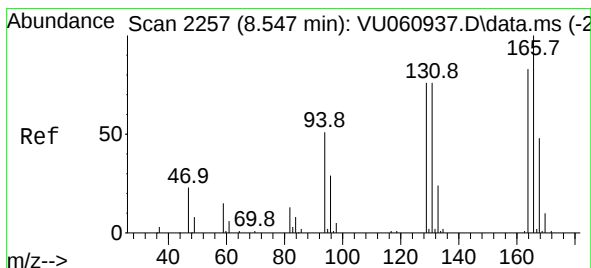
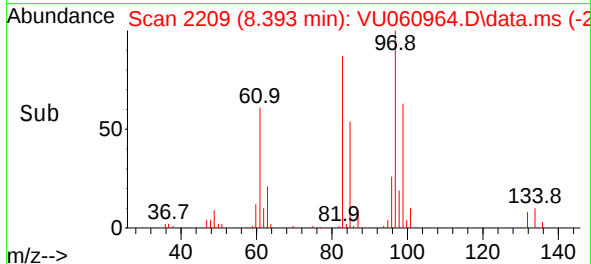
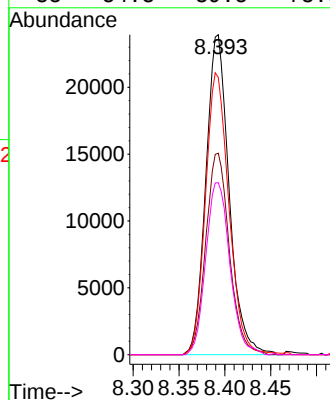
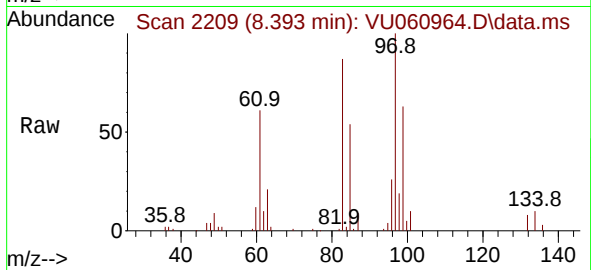


#45
1,1,2-Trichloroethane
Concen: 5.753 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 42247

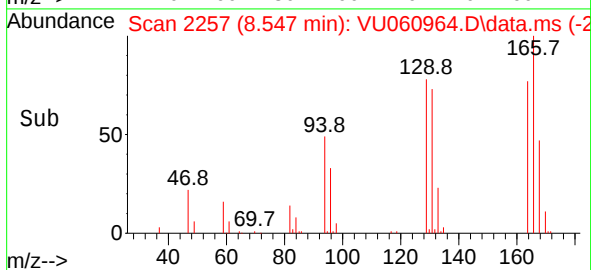
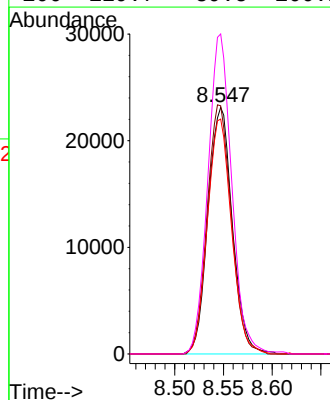
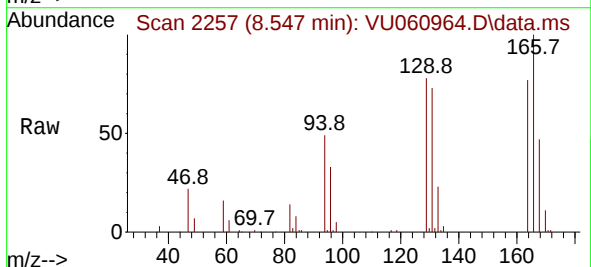
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.3	78.5
83	86.7	61.7	114.5
85	54.8	39.5	73.3

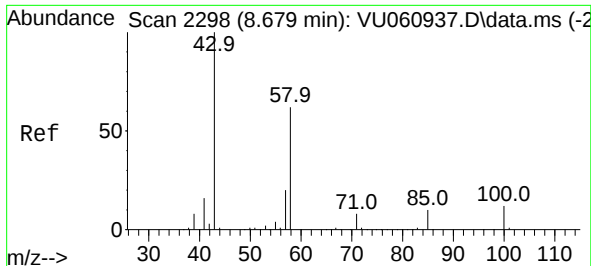


#47
Tetrachloroethene
Concen: 5.233 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Tgt Ion: 164 Resp: 40241

Ion	Ratio	Lower	Upper
164	100		
129	100.6	67.3	124.9
131	95.3	65.4	121.4
166	129.7	89.5	166.1





#48

2-Hexanone

Concen: 63.623 ug/L

RT: 8.676 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 220264

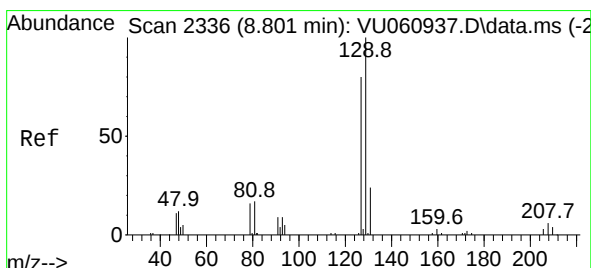
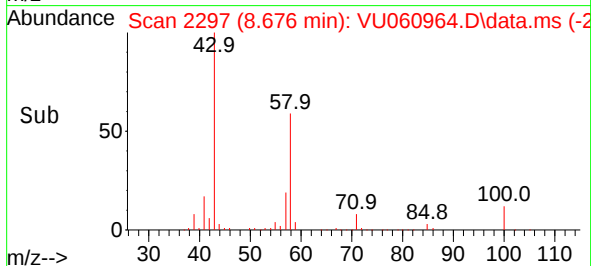
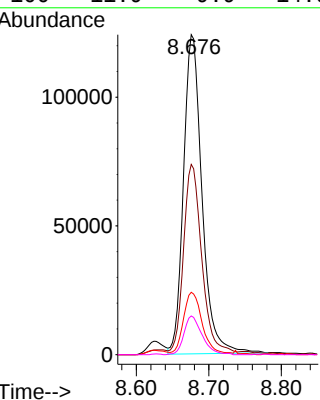
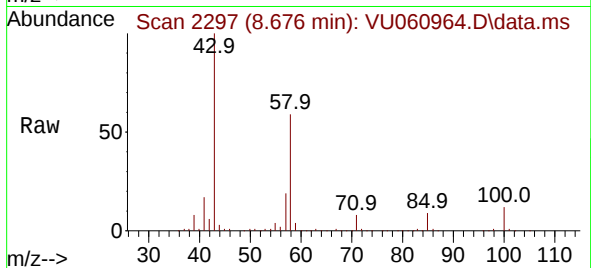
Ion Ratio Lower Upper

43 100

58 57.5 48.3 72.5

57 18.8 15.9 23.9

100 11.9 9.9 14.9



#49

Dibromochloromethane

Concen: 5.815 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU060964.D

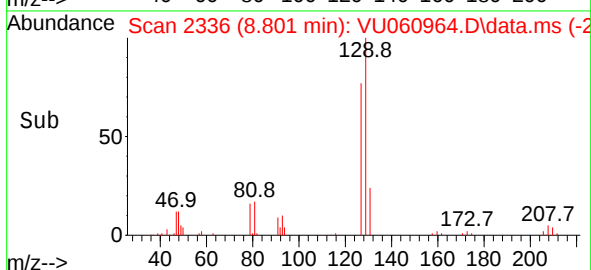
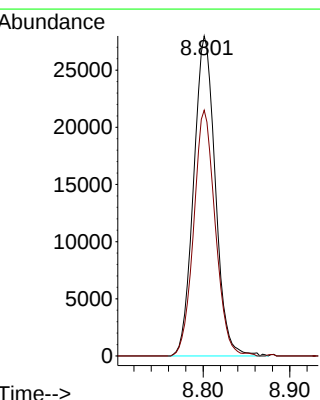
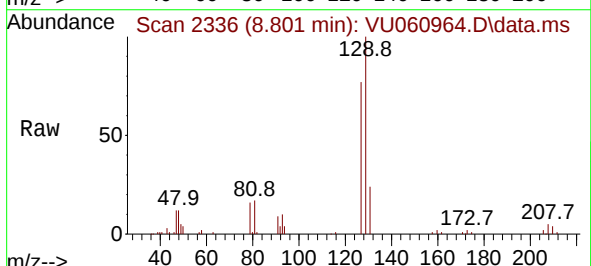
Acq: 23 Sep 2024 09:12

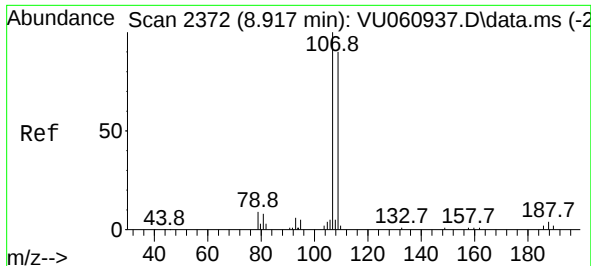
Tgt Ion: 129 Resp: 48612

Ion Ratio Lower Upper

129 100

127 76.8 56.1 104.1





#50

1,2-Dibromoethane

Concen: 5.830 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU060964.D

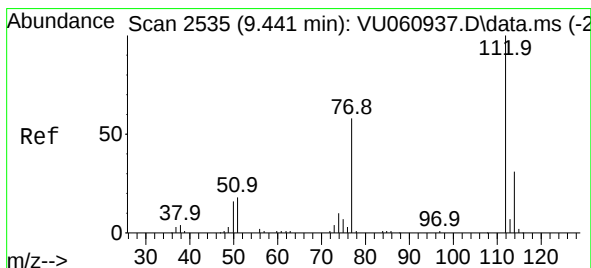
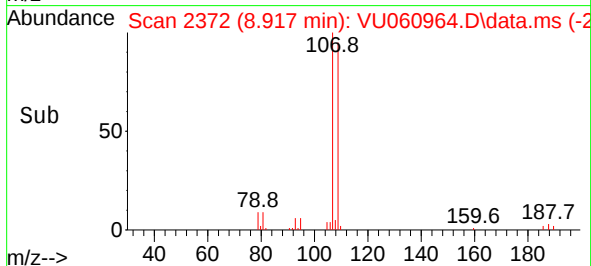
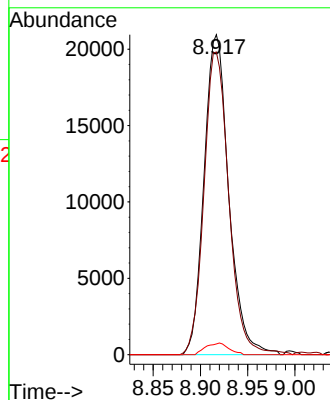
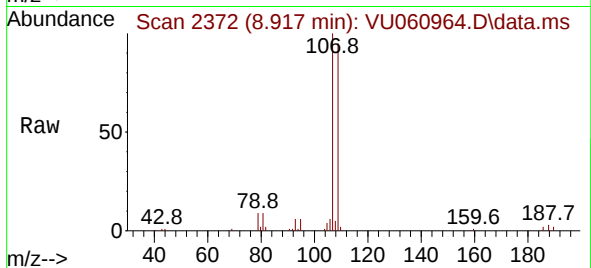
Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	38206
Ion Ratio	Lower	Upper
107	100	
109	94.6	66.8 124.0
188	3.4	3.4 5.0



#51

Chlorobenzene

Concen: 5.410 ug/L

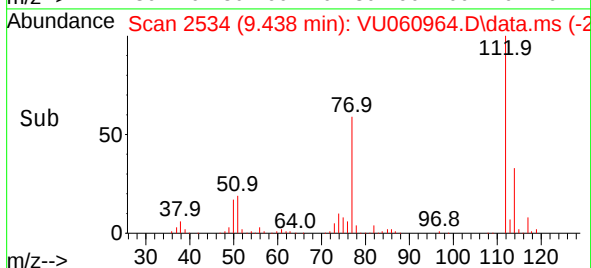
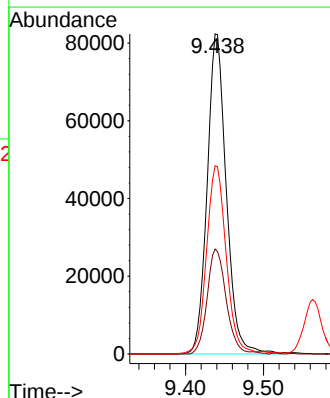
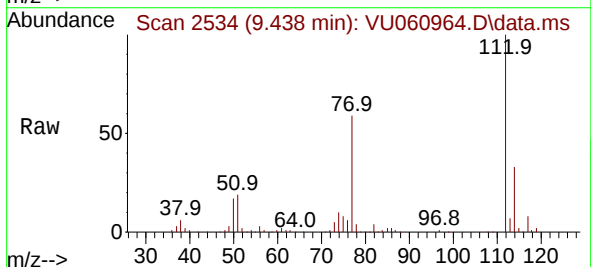
RT: 9.438 min Scan# 2534

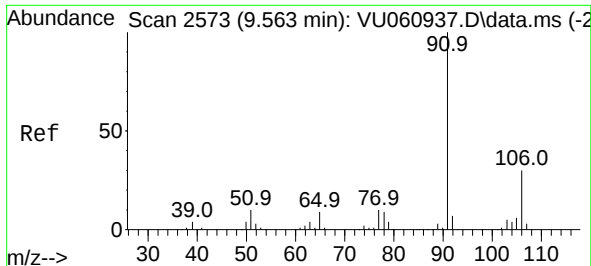
Delta R.T. -0.003 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Tgt Ion:112	Resp:	140201
Ion Ratio	Lower	Upper
112	100	
114	32.8	22.2 41.2
77	58.8	46.1 69.1





#52

Ethylbenzene

Concen: 5.743 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

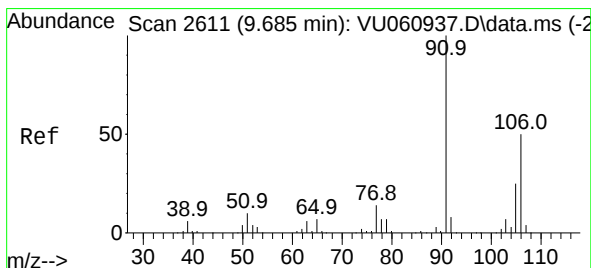
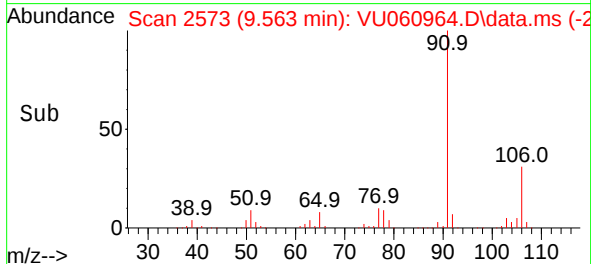
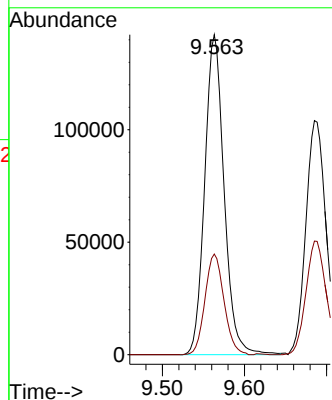
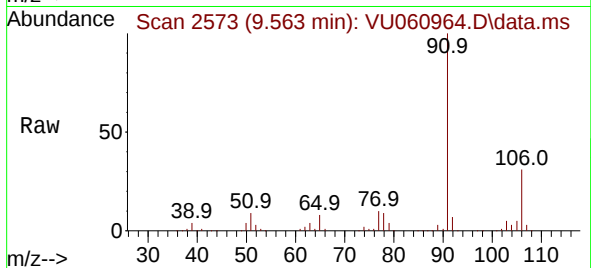
ClientSampleId :

Tgt Ion: 91 Resp: 233352

Ion Ratio Lower Upper

91 100

106 31.4 21.8 40.6



#53

m,p-Xylene

Concen: 5.714 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU060964.D

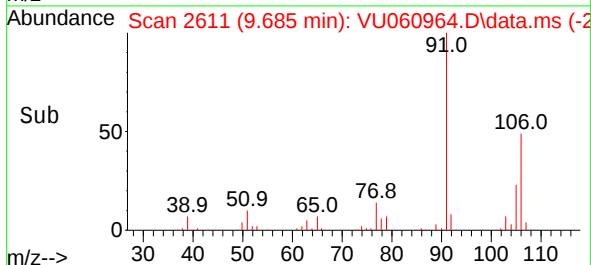
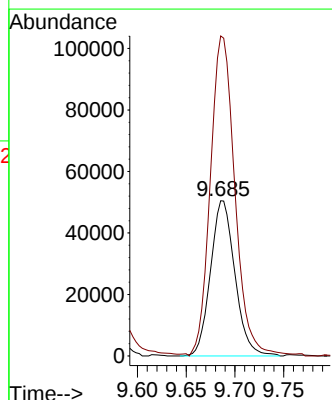
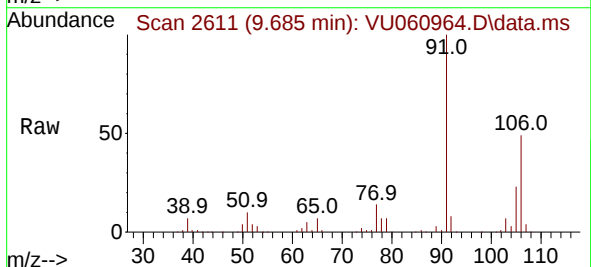
Acq: 23 Sep 2024 09:12

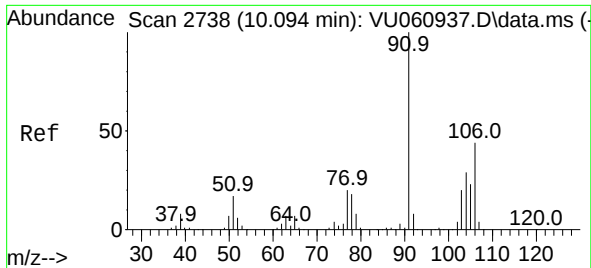
Tgt Ion:106 Resp: 88027

Ion Ratio Lower Upper

106 100

91 206.1 139.7 259.4

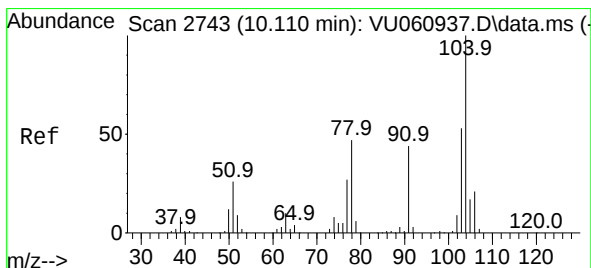
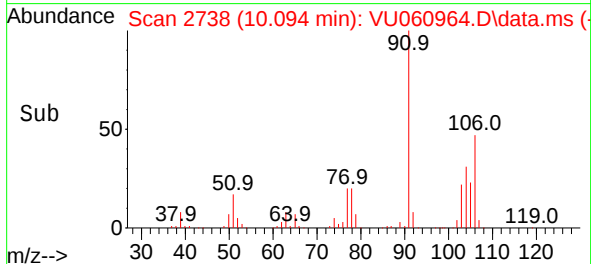
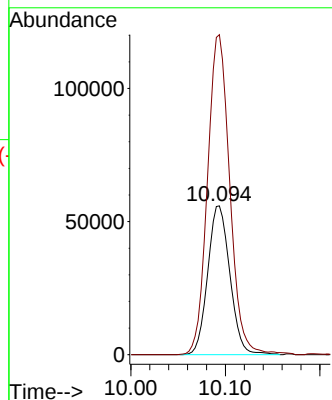
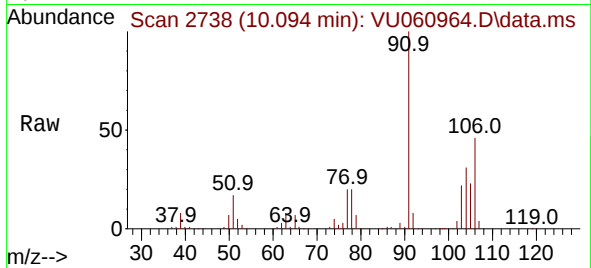




#54
o-Xylene
Concen: 5.994 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

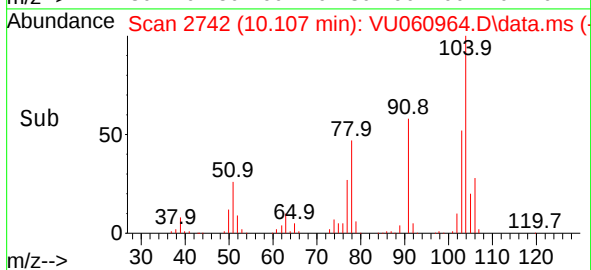
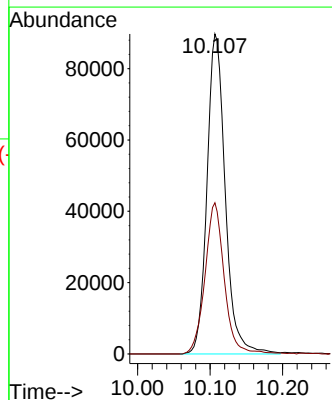
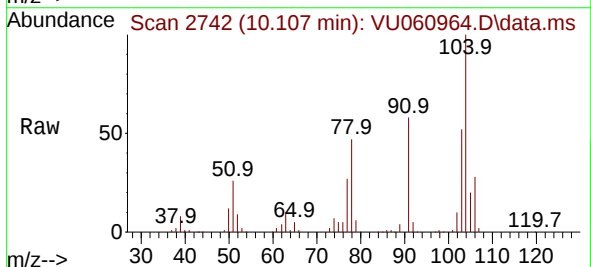
Instrument :
MSVOA_U
ClientSampleId :

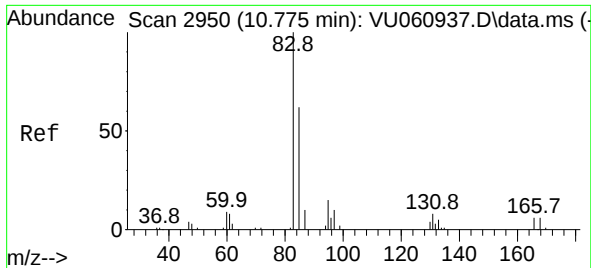
Tgt Ion:106 Resp: 91126
Ion Ratio Lower Upper
106 100
91 215.1 148.6 276.0



#55
Styrene
Concen: 6.125 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Tgt Ion:104 Resp: 156958
Ion Ratio Lower Upper
104 100
78 47.3 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.861 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

ClientSampleId :

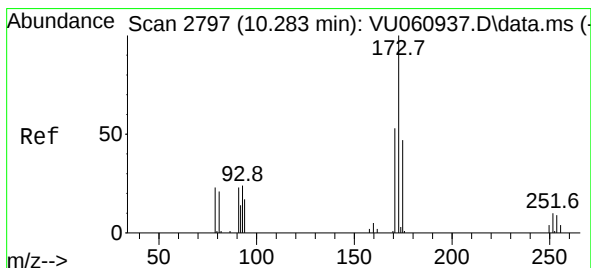
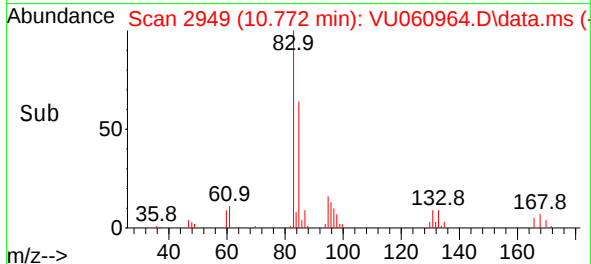
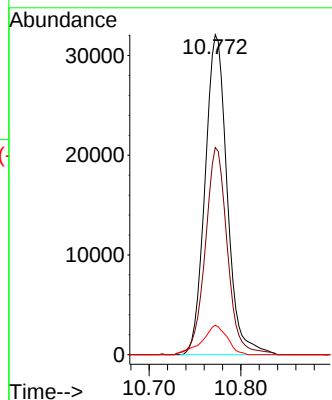
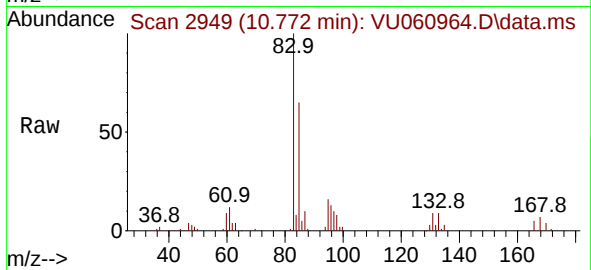
Tgt Ion: 83 Resp: 53678

Ion Ratio Lower Upper

83 100

85 64.8 42.9 79.7

131 9.2 8.4 12.6



#59

Bromoform

Concen: 6.295 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

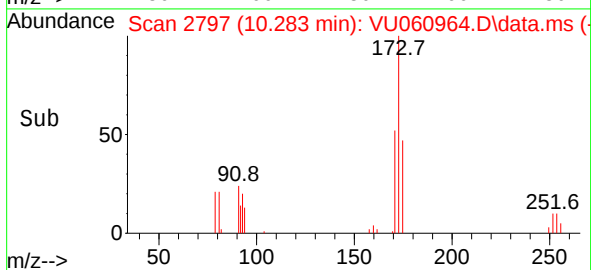
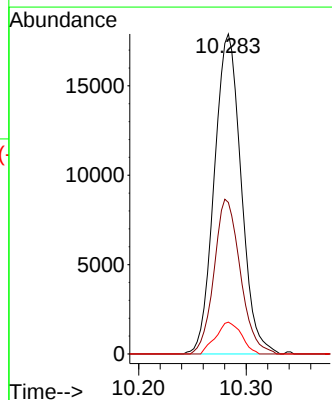
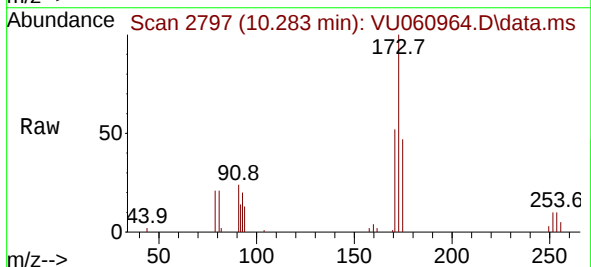
Tgt Ion:173 Resp: 31010

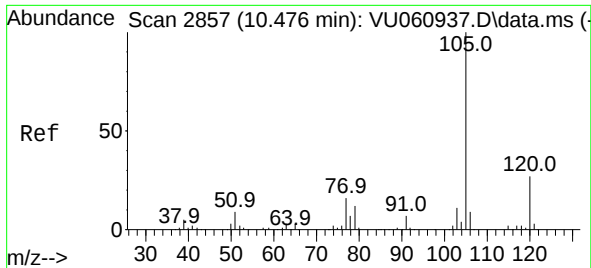
Ion Ratio Lower Upper

173 100

175 47.4 39.1 58.7

254 9.5 8.7 13.1

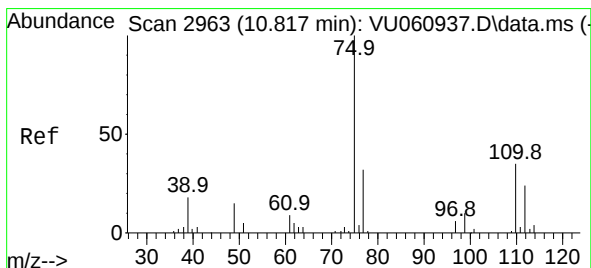
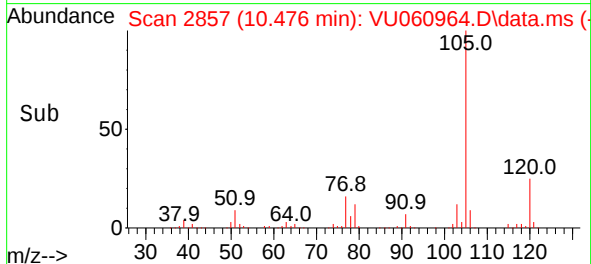
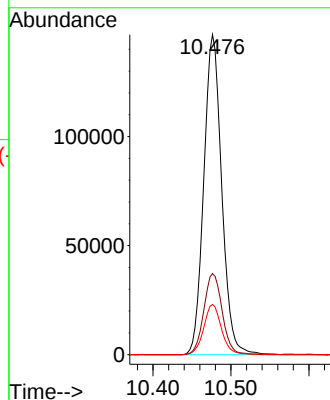
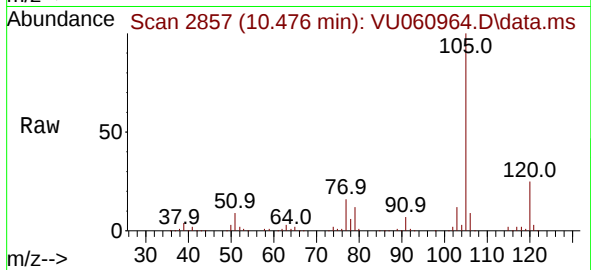




#60
Isopropylbenzene
Concen: 6.067 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

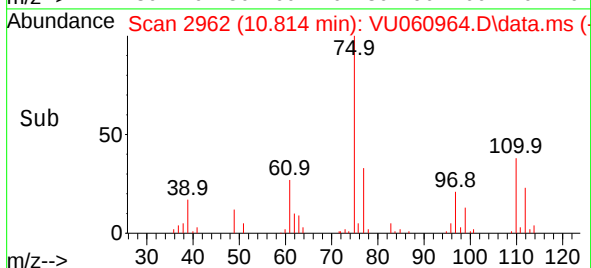
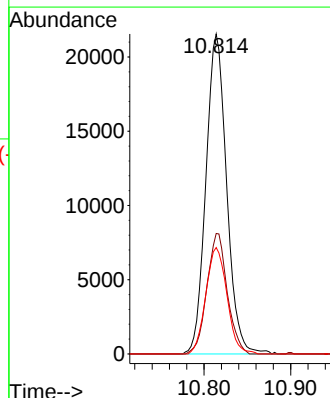
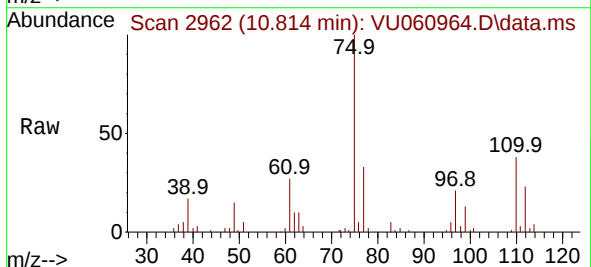
Instrument :
MSVOA_U
ClientSampleId :

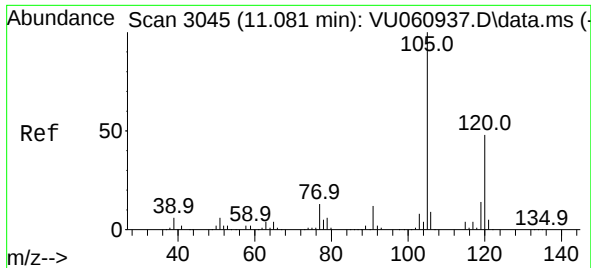
Tgt Ion:105 Resp: 235013
Ion Ratio Lower Upper
105 100
120 25.9 21.5 32.3
77 15.6 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.882 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Tgt Ion: 75 Resp: 35859
Ion Ratio Lower Upper
75 100
110 37.0 28.6 43.0
77 33.9 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.690 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

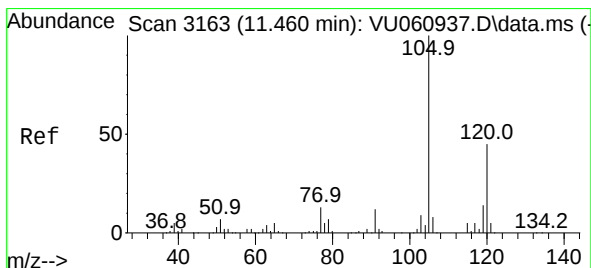
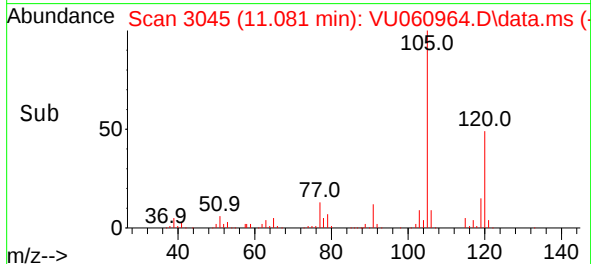
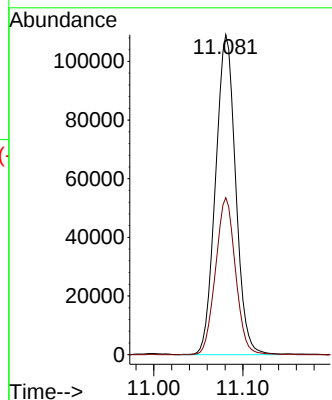
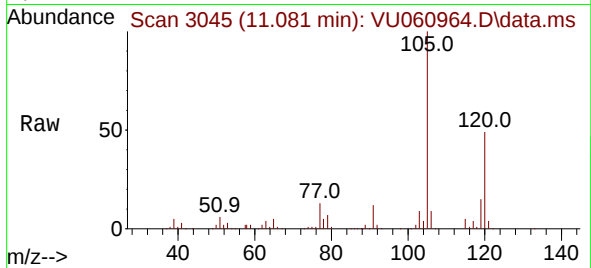
ClientSampleId :

Tgt Ion:105 Resp: 171304

Ion Ratio Lower Upper

105 100

120 48.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.795 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU060964.D

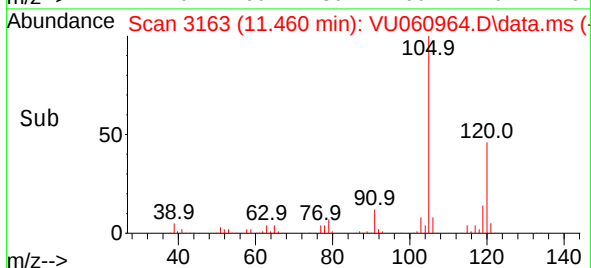
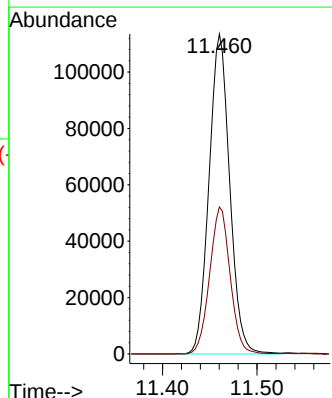
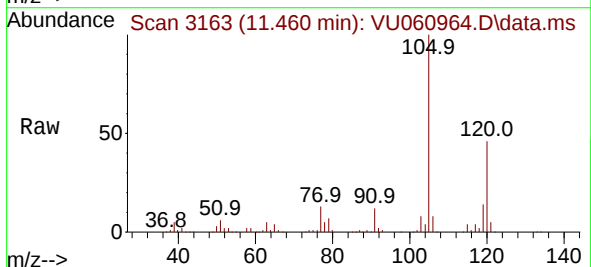
Acq: 23 Sep 2024 09:12

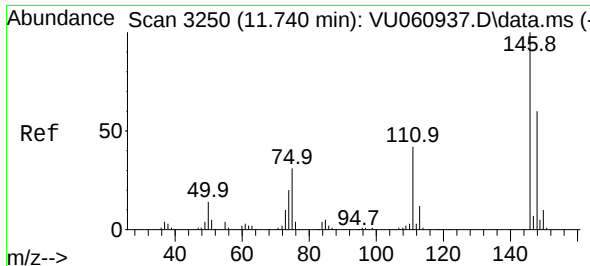
Tgt Ion:105 Resp: 172400

Ion Ratio Lower Upper

105 100

120 45.5 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.645 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

ClientSampleId :

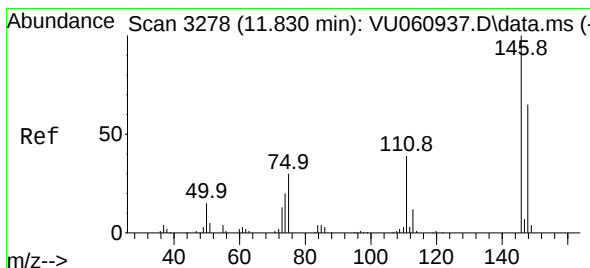
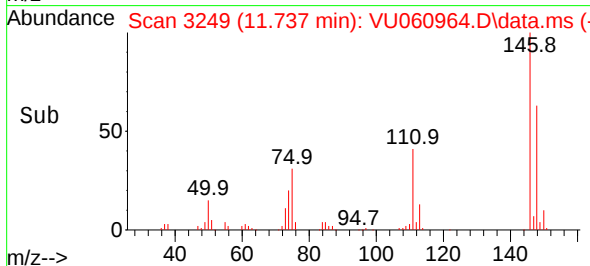
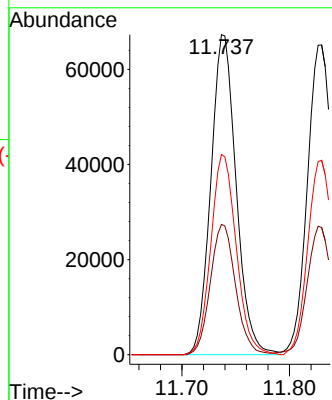
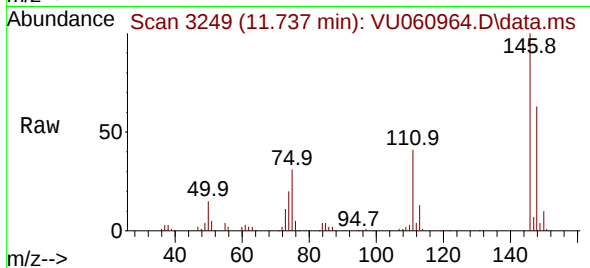
Tgt Ion:146 Resp: 109954

Ion Ratio Lower Upper

146 100

111 40.7 27.5 51.1

148 62.5 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 5.535 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

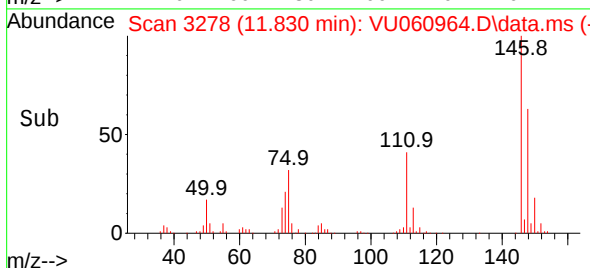
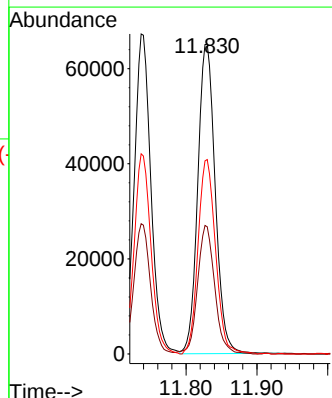
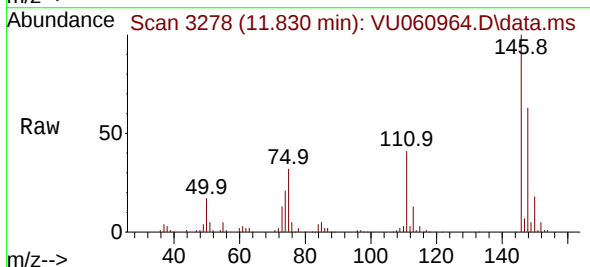
Tgt Ion:146 Resp: 111443

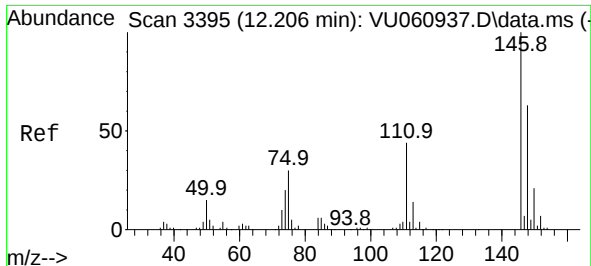
Ion Ratio Lower Upper

146 100

111 41.1 26.3 48.9

148 62.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.660 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.000 min

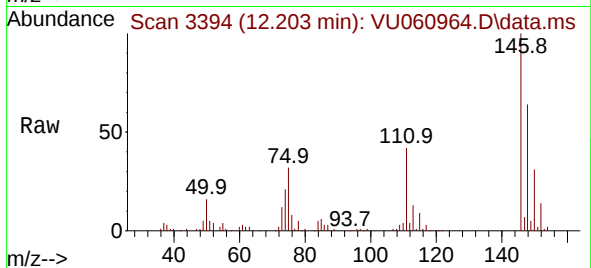
Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

ClientSampleId :



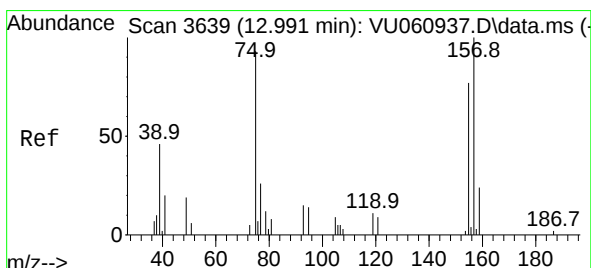
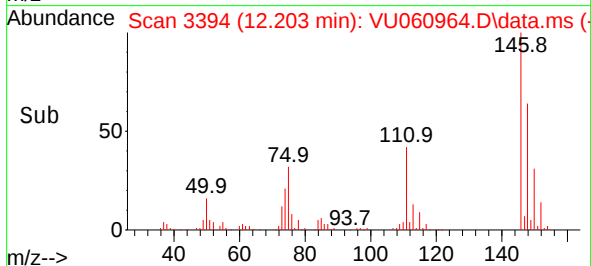
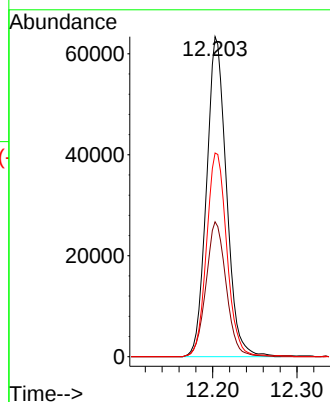
Tgt Ion:146 Resp: 104248

Ion Ratio Lower Upper

146 100

111 42.2 33.4 50.0

148 63.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.159 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

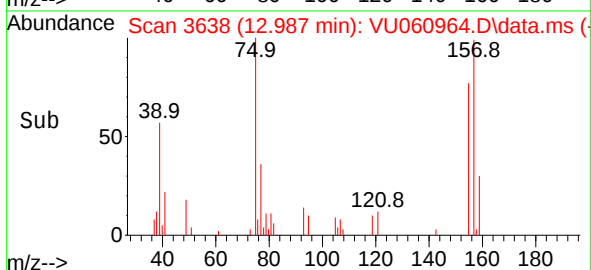
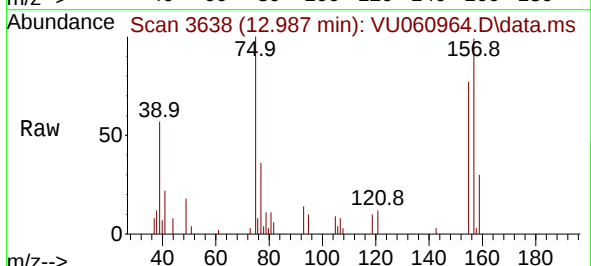
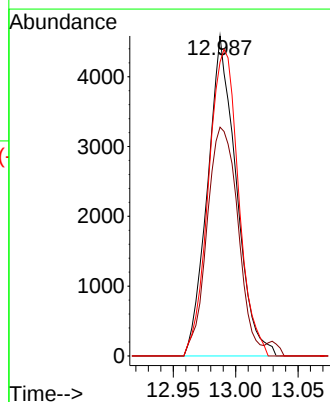
Tgt Ion: 75 Resp: 7332

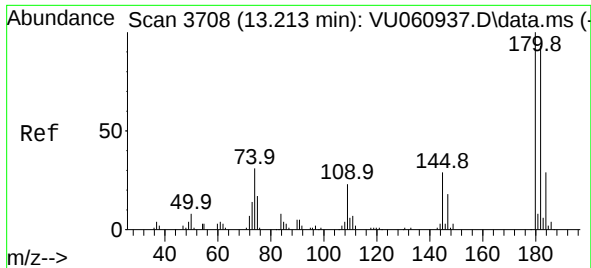
Ion Ratio Lower Upper

75 100

155 71.5 73.1 109.7#

157 91.8 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 5.274 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. -0.003 min

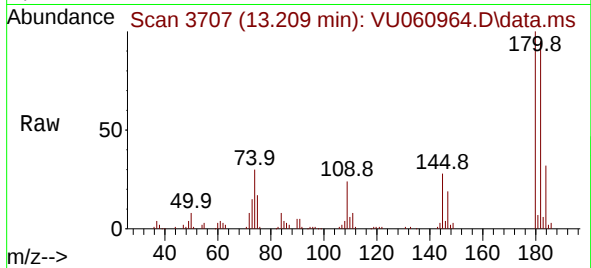
Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 76844

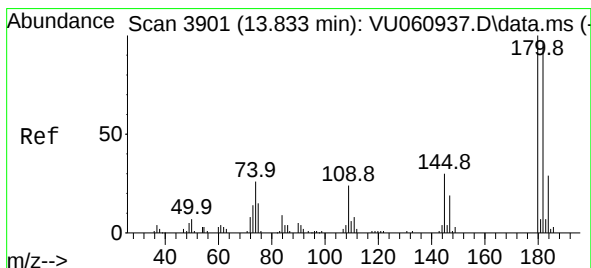
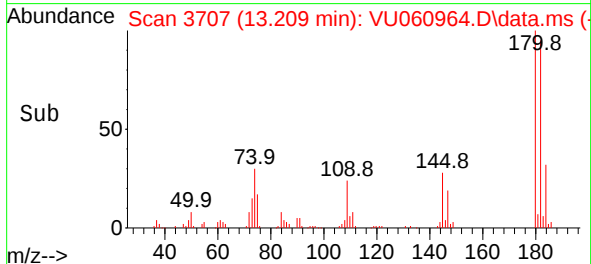
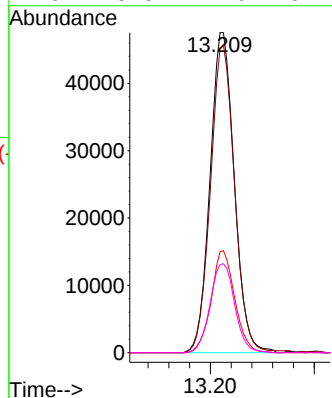
Ion Ratio Lower Upper

180 100

182 95.6 74.5 111.7

184 30.9 23.2 34.8

145 28.3 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 5.711 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060964.D

Acq: 23 Sep 2024 09:12

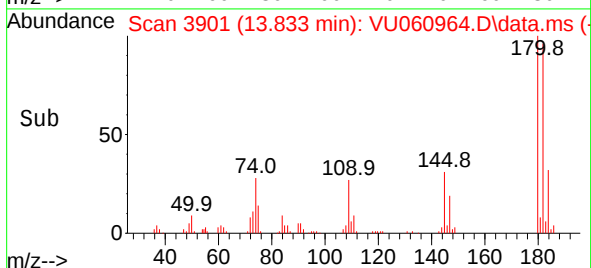
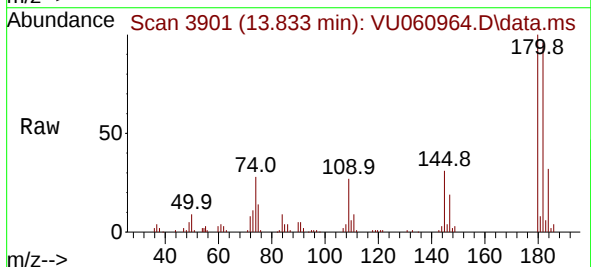
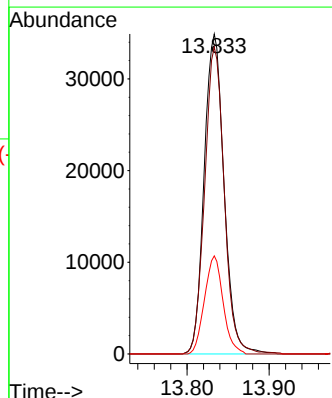
Tgt Ion:180 Resp: 58609

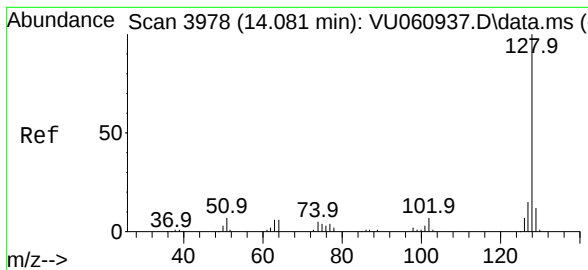
Ion Ratio Lower Upper

180 100

182 94.5 77.4 116.2

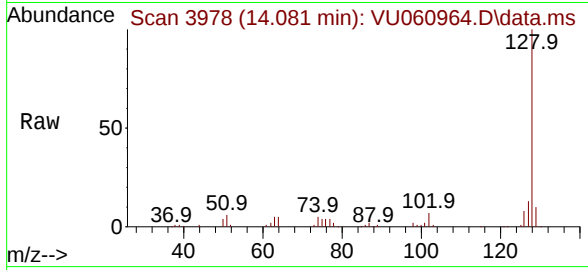
145 28.7 22.9 34.3





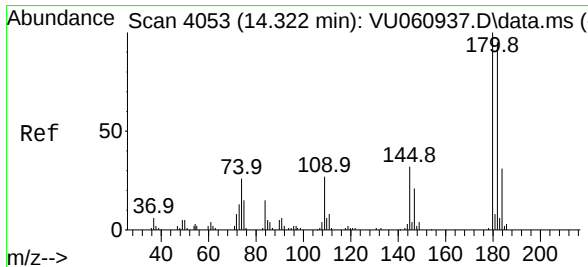
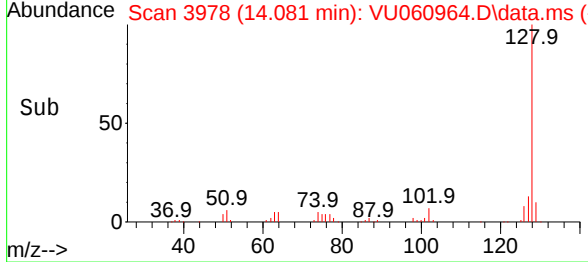
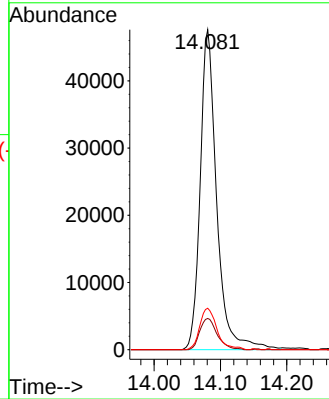
#71
Naphthalene
Concen: 6.074 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 82217

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.3	12.5
127	13.5	10.7	16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.977 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU060964.D
Acq: 23 Sep 2024 09:12

Tgt Ion:180 Resp: 52999

Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.7	113.5
145	31.1	23.5	35.3

