

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091024\
 Data File : VU060660.D
 Acq On : 10 Sep 2024 11:57
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 11 02:42:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	116179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	119989	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	62997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29545	5.758	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.200%
7) Chloroethane-d5	1.911	69	30869	3.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.563	65	14450	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.634	46	87313	49.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.960%
24) Chloroform-d	5.055	84	81718	5.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%
26) 1,2-Dichloroethane-d4	5.695	65	41580	5.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.721	84	151607	5.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.600%
36) 1,2-Dichloropropane-d6	6.685	67	48727	5.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.200%
41) Toluene-d8	7.891	98	142883	5.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
43) trans-1,3-Dichloroprop...	8.174	79	16979	5.605	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.000%
46) 2-Hexanone-d5	8.627	63	70125	48.349	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.700%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38260	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	50537	5.441	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	65875	4.997	ug/L	99
3) Chloromethane	1.518	50	62796	5.497	ug/L	99
5) Vinyl chloride	1.602	62	64485	5.733	ug/L	96
6) Bromomethane	1.856	94	41639	3.679	ug/L	93
8) Chloroethane	1.930	64	38407	3.742	ug/L	99
9) Trichlorofluoromethane	2.136	101	100399	4.106	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	50757	4.906	ug/L	99
12) 1,1-Dichloroethene	2.576	96	45195	4.746	ug/L	94
13) Acetone	2.653	43	64268	43.526	ug/L	88
14) Carbon disulfide	2.789	76	126363	4.090	ug/L	98
15) Methyl Acetate	2.956	43	17564	5.817	ug/L	93
16) Methylene chloride	3.043	84	50804	5.493	ug/L	89
17) Methyl tert-butyl Ether	3.358	73	110498	5.718	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	46302	5.586	ug/L	100
19) 1,1-Dichloroethane	3.862	63	95048	5.658	ug/L	95
21) 2-Butanone	4.714	43	118075	58.475	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	51199	5.543	ug/L	97
23) Bromochloromethane	4.968	128	23949	5.705	ug/L	93
25) Chloroform	5.081	83	101938	5.734	ug/L	97

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 ClientSampleId :

Quant Time: Sep 11 02:42:18 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

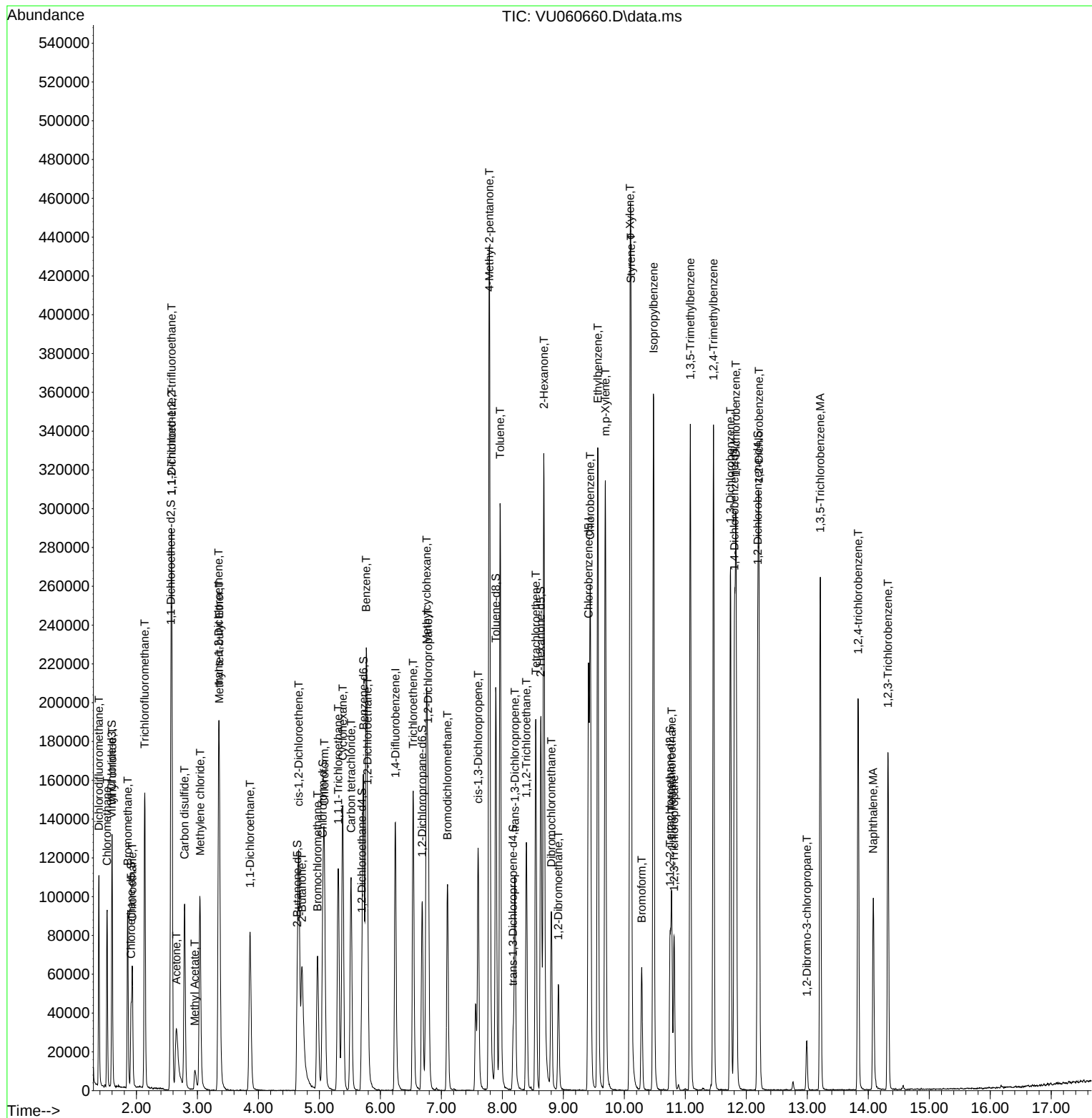
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	63265	5.302	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	87494	5.324	ug/L	98
30) Cyclohexane	5.380	56	69943	5.141	ug/L	100
31) Carbon tetrachloride	5.518	117	78017	5.137	ug/L	97
33) Benzene	5.766	78	205042	5.388	ug/L	100
34) Trichloroethene	6.534	95	53722	5.208	ug/L	99
35) Methylcyclohexane	6.756	83	76770	5.424	ug/L	95
37) 1,2-Dichloropropane	6.782	63	56987	5.844	ug/L #	98
38) Bromodichloromethane	7.100	83	72494	5.658	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	79792	5.581	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	288920	56.890	ug/L	98
42) Toluene	7.962	91	226984	5.644	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	66276	5.646	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	40499	5.733	ug/L	98
47) Tetrachloroethene	8.547	164	43359	5.128	ug/L	95
48) 2-Hexanone	8.679	43	211914	55.756	ug/L	98
49) Dibromochloromethane	8.801	129	47752	5.839	ug/L	92
50) 1,2-Dibromoethane	8.917	107	37048	5.713	ug/L #	96
51) Chlorobenzene	9.441	112	140907	5.412	ug/L	99
52) Ethylbenzene	9.563	91	234982	5.514	ug/L	99
53) m,p-Xylene	9.689	106	92286	5.825	ug/L	97
54) o-Xylene	10.094	106	87551	5.398	ug/L	100
55) Styrene	10.110	104	151325	5.694	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	48714	5.401	ug/L #	95
59) Bromoform	10.283	173	29018	5.605	ug/L	97
60) Isopropylbenzene	10.480	105	235751	5.602	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	34095	5.611	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	184587	5.885	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	187979	5.875	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	113912	5.531	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	114308	5.469	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	106593	5.516	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7386	5.385	ug/L	85
69) 1,3,5-Trichlorobenzene	13.213	180	84692	5.332	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	63898	4.987	ug/L	97
71) Naphthalene	14.081	128	88494	5.406	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	56019	5.224	ug/L	99

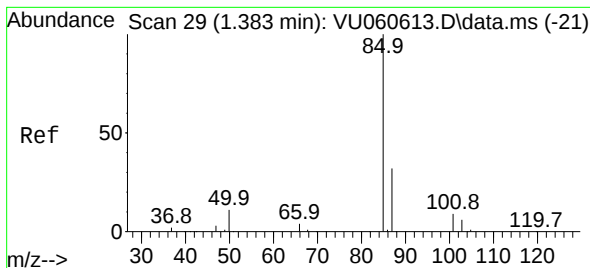
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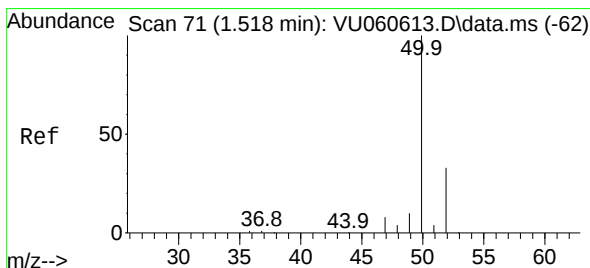
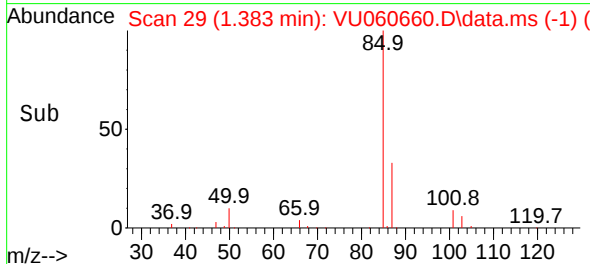
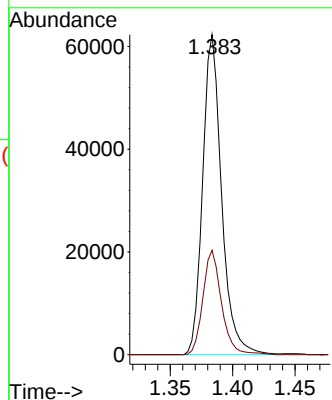
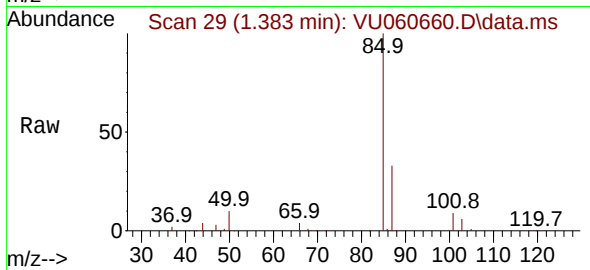




#2
 Dichlorodifluoromethane
 Concen: 4.997 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060660.D
 Acq: 10 Sep 2024 11:57

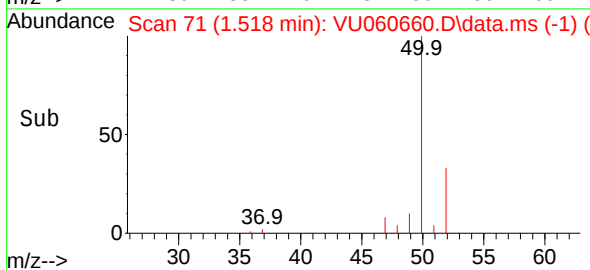
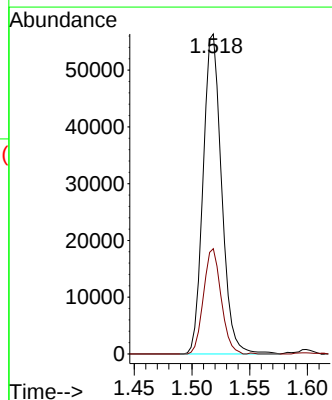
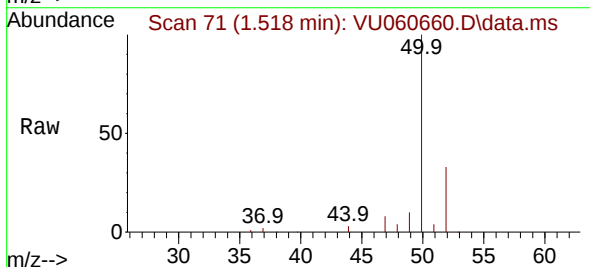
Instrument :
 MSVOA_U
 ClientSampleId :

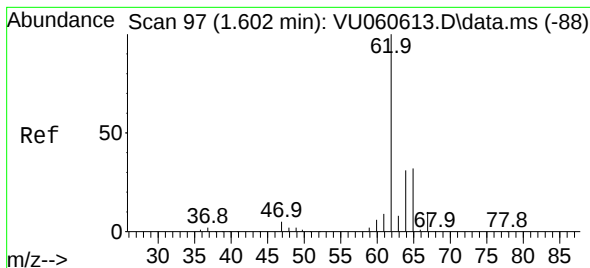
Tgt Ion: 85 Resp: 65875
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4



#3
 Chloromethane
 Concen: 5.497 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060660.D
 Acq: 10 Sep 2024 11:57

Tgt Ion: 50 Resp: 62796
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.7 42.1





#5

Vinyl chloride

Concen: 5.733 ug/L

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

Instrument :

MSVOA_U

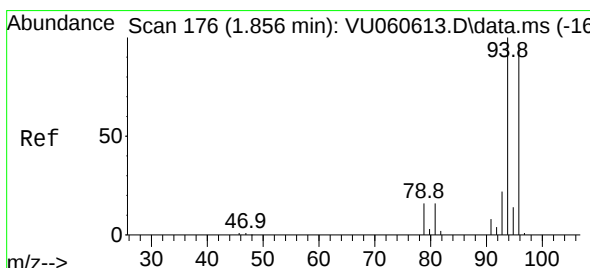
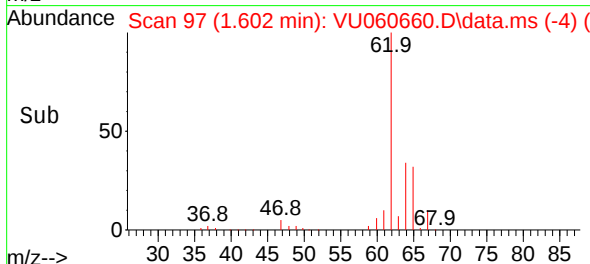
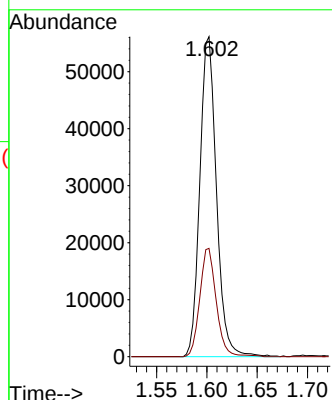
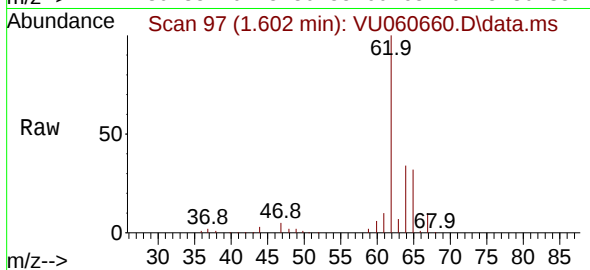
ClientSampleId :

Tgt Ion: 62 Resp: 64485

Ion Ratio Lower Upper

62 100

64 33.9 22.0 40.8



#6

Bromomethane

Concen: 3.679 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060660.D

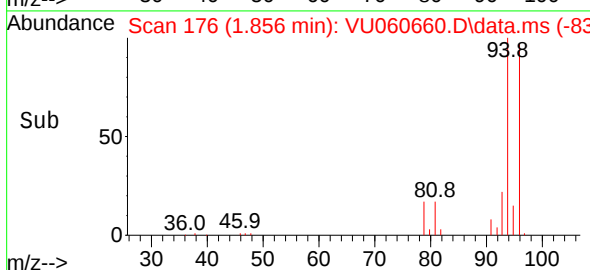
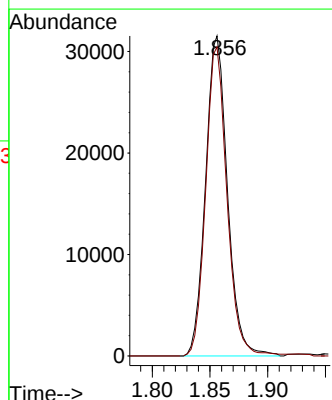
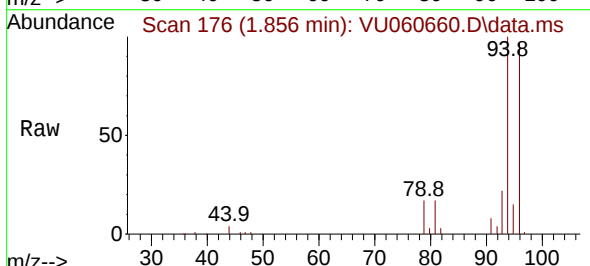
Acq: 10 Sep 2024 11:57

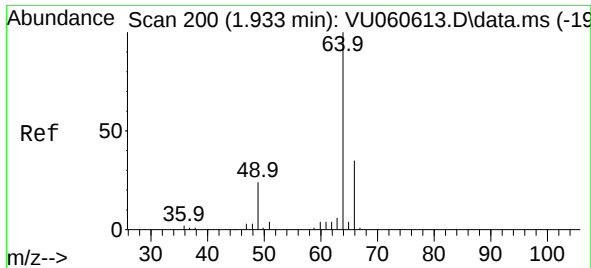
Tgt Ion: 94 Resp: 41639

Ion Ratio Lower Upper

94 100

96 96.6 63.3 117.5

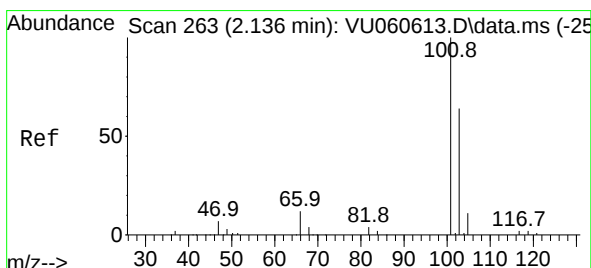
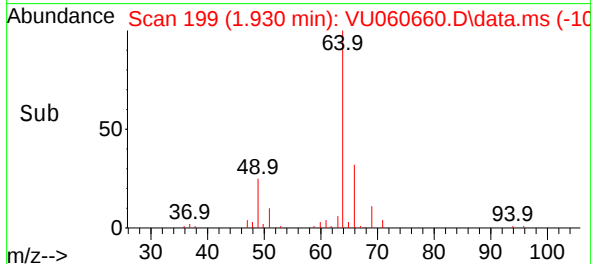
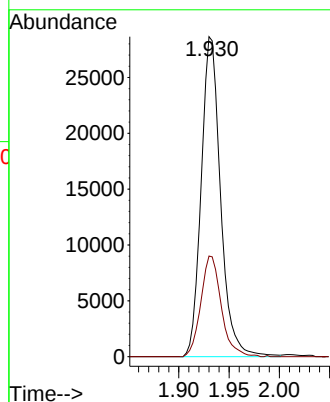
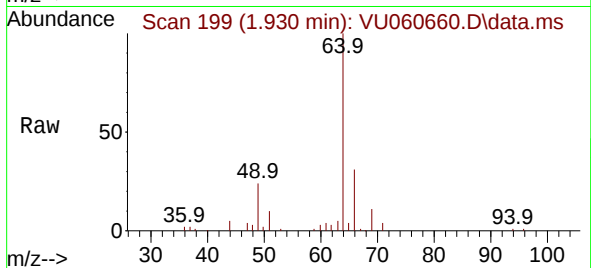




#8
Chloroethane
Concen: 3.742 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

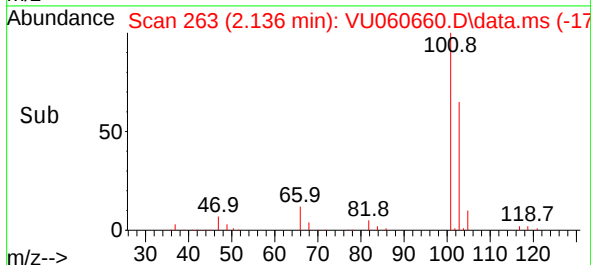
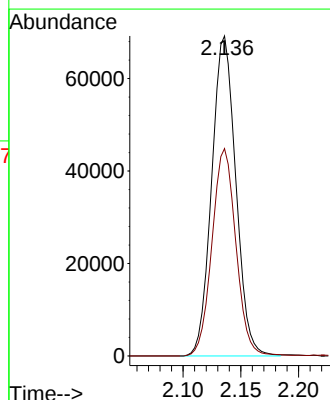
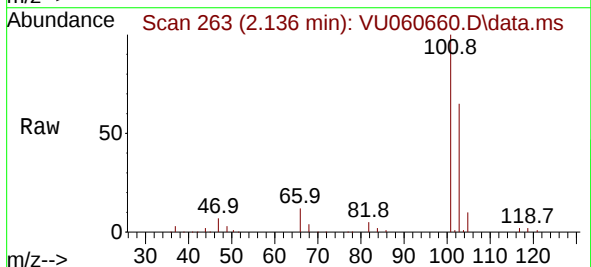
Instrument :
MSVOA_U
ClientSampleId :

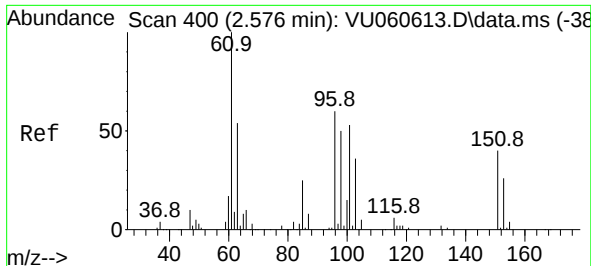
Tgt Ion: 64 Resp: 38407
Ion Ratio Lower Upper
64 100
66 31.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.106 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion:101 Resp: 100399
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2





#10

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

Concen: 4.906 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

Instrument :

MSVOA_U

ClientSampleId :

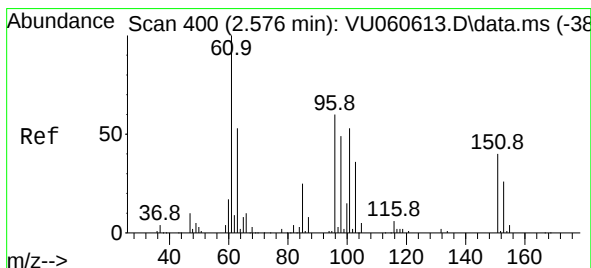
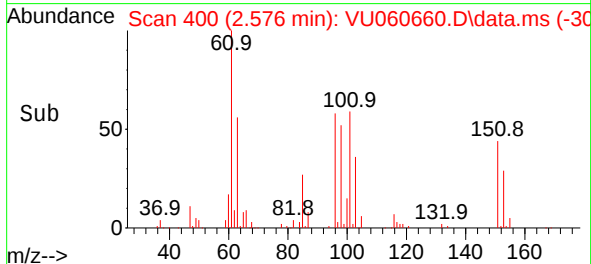
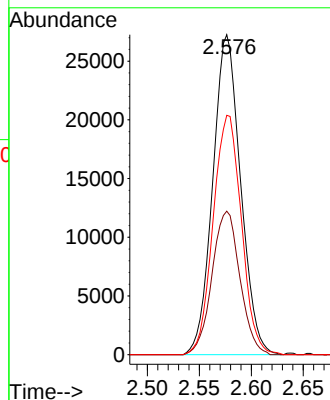
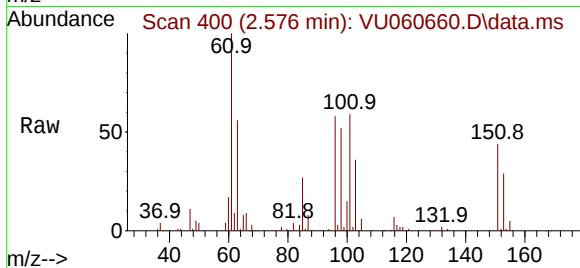
Tgt Ion:101 Resp: 50757

Ion Ratio Lower Upper

101 100

85 45.0 35.8 53.6

151 76.0 61.7 92.5



#12

1,1-Dichloroethene

Concen: 4.746 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

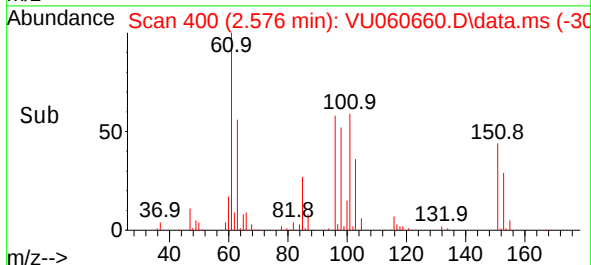
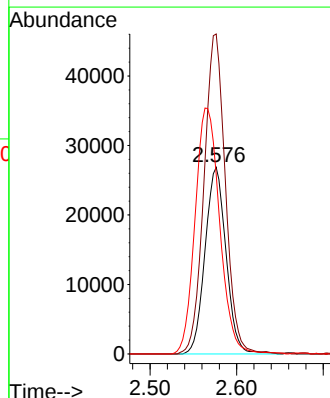
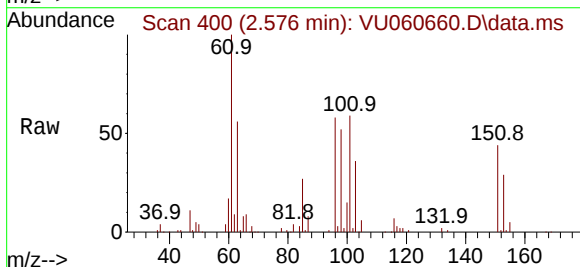
Tgt Ion: 96 Resp: 45195

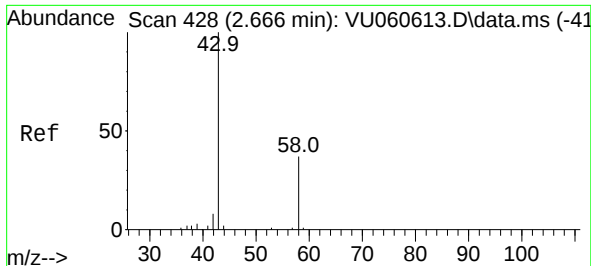
Ion Ratio Lower Upper

96 100

61 171.5 116.4 216.2

63 96.3 74.8 139.0





#13

Acetone

Concen: 43.526 ug/L

RT: 2.653 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

Instrument :

MSVOA_U

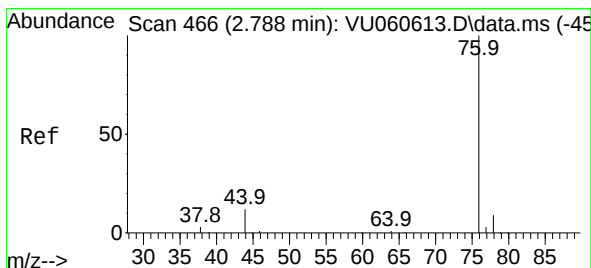
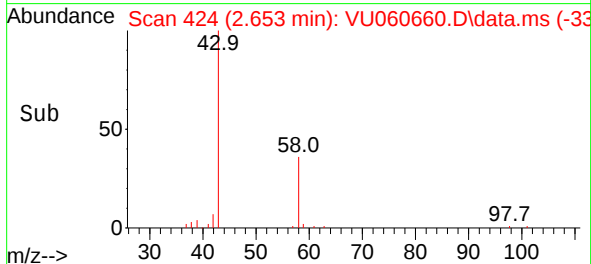
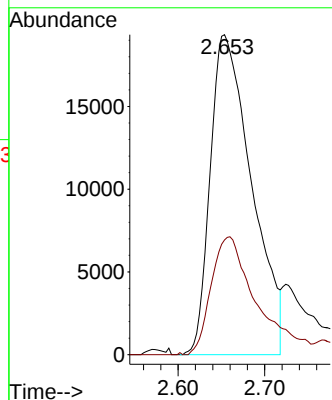
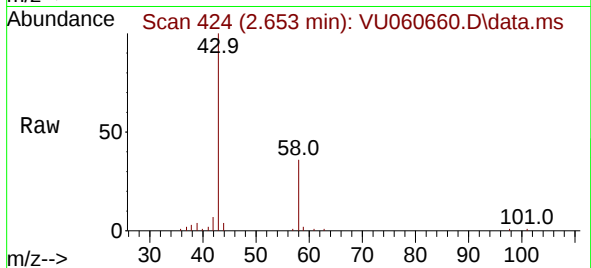
ClientSampleId :

Tgt Ion: 43 Resp: 64268

Ion Ratio Lower Upper

43 100

58 40.3 0.0 66.8



#14

Carbon disulfide

Concen: 4.090 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060660.D

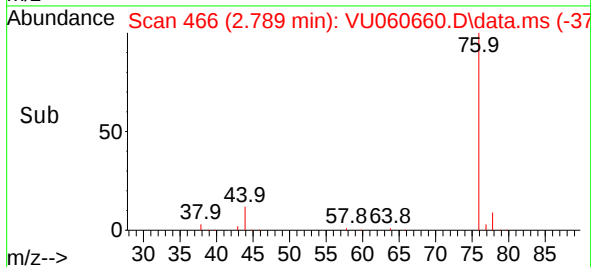
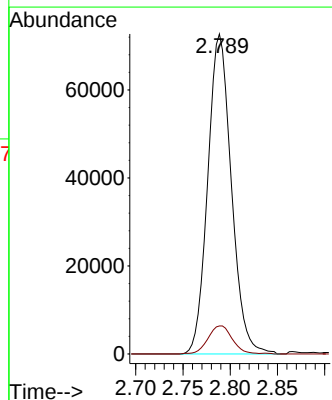
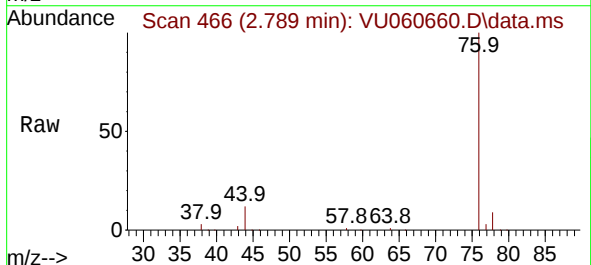
Acq: 10 Sep 2024 11:57

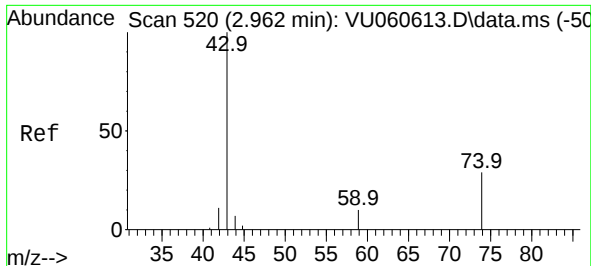
Tgt Ion: 76 Resp: 126363

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2





#15

Methyl Acetate

Concen: 5.817 ug/L

RT: 2.956 min Scan# 518

Delta R.T. -0.006 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

Instrument :

MSVOA_U

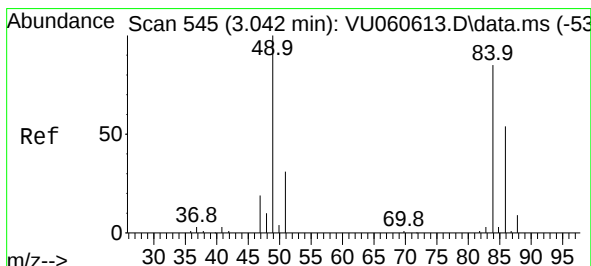
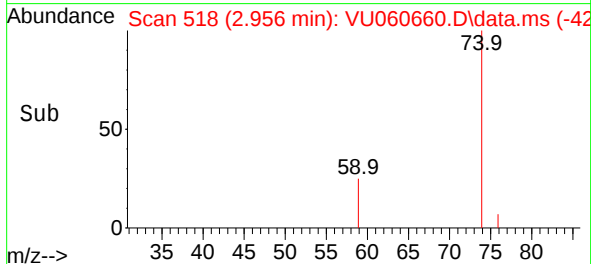
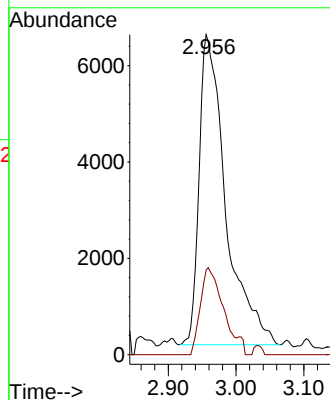
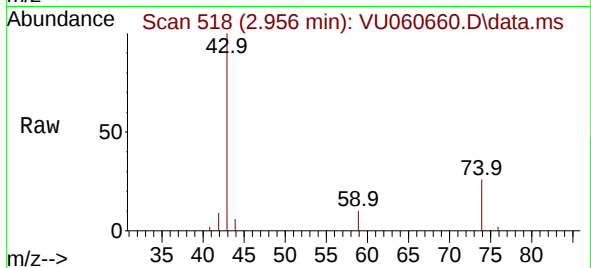
ClientSampleId :

Tgt Ion: 43 Resp: 17564

Ion Ratio Lower Upper

43 100

74 23.2 21.4 32.2



#16

Methylene chloride

Concen: 5.493 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.000 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

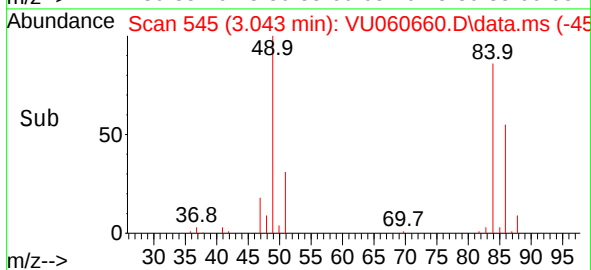
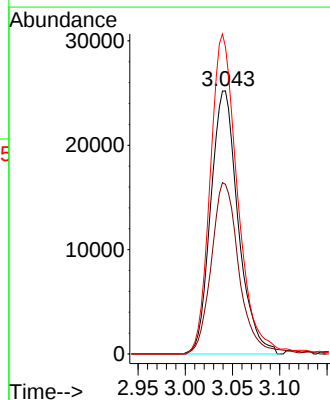
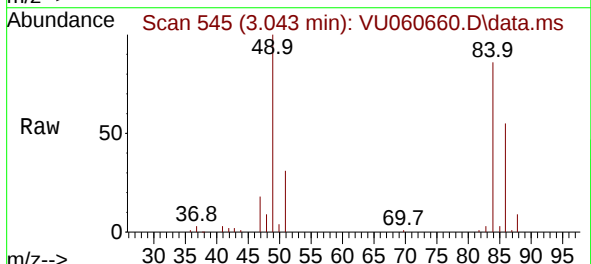
Tgt Ion: 84 Resp: 50804

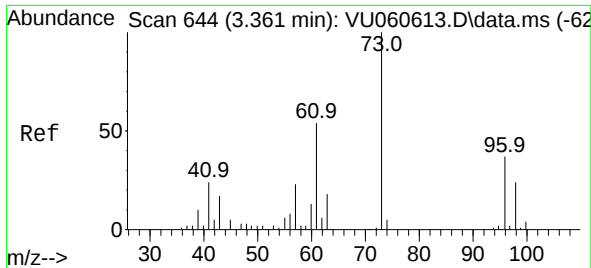
Ion Ratio Lower Upper

84 100

86 64.5 47.5 88.3

49 116.7 94.4 175.2

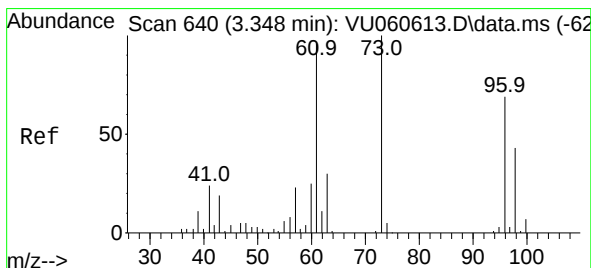
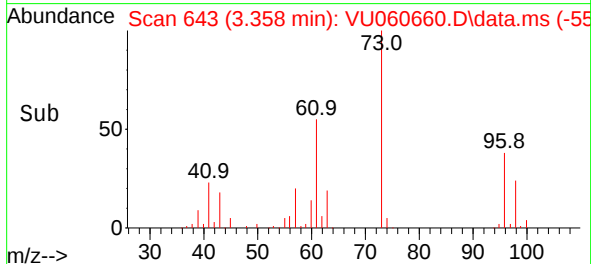
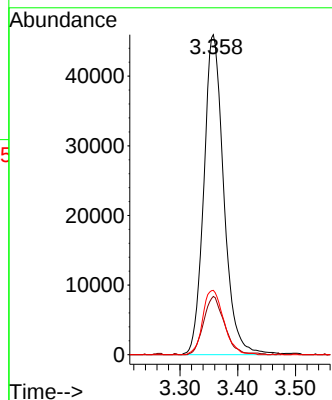
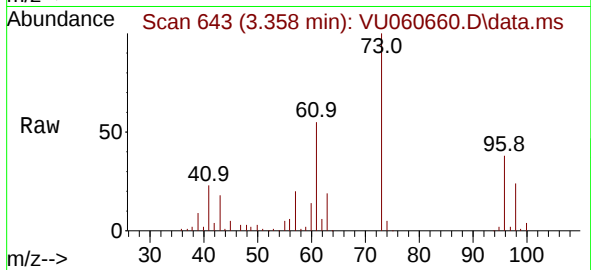




#17
Methyl tert-butyl Ether
Concen: 5.718 ug/L
RT: 3.358 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

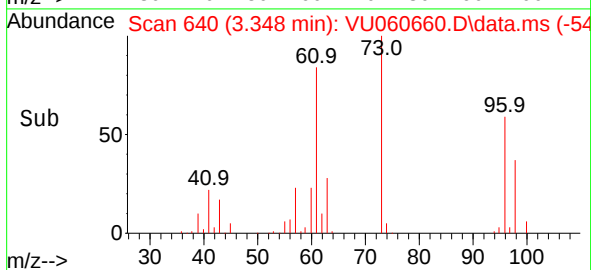
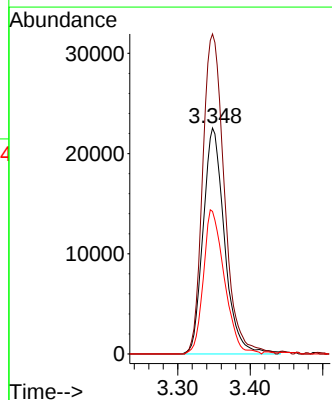
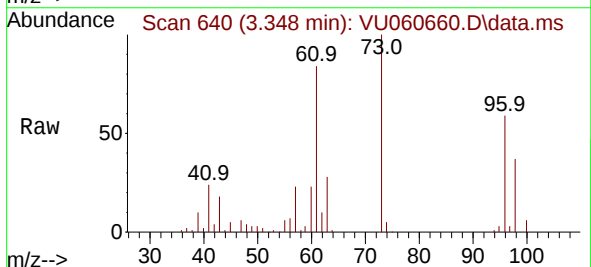
Instrument :
MSVOA_U
ClientSampleId :

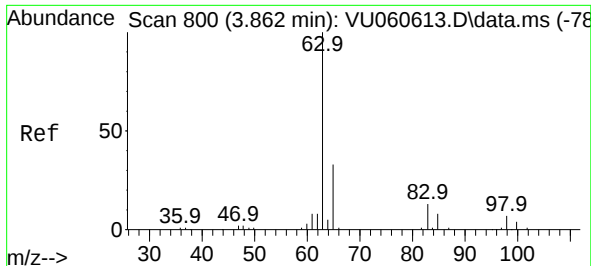
Tgt Ion: 73 Resp: 110498
Ion Ratio Lower Upper
73 100
43 18.9 15.8 23.6
57 21.2 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.586 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion: 96 Resp: 46302
Ion Ratio Lower Upper
96 100
61 141.7 99.2 184.2
98 63.1 44.0 81.8

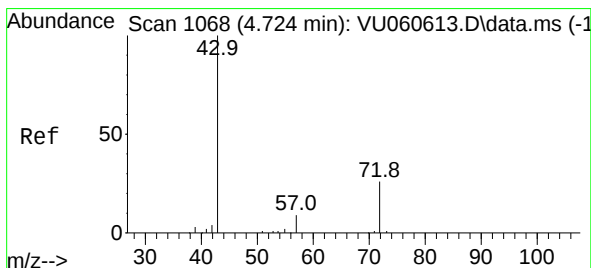
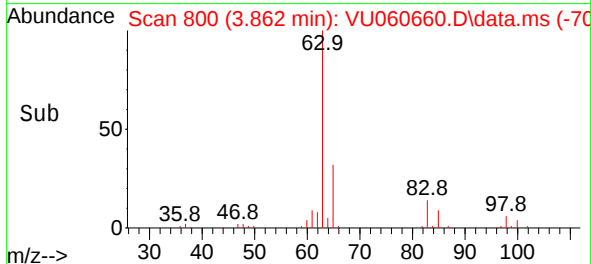
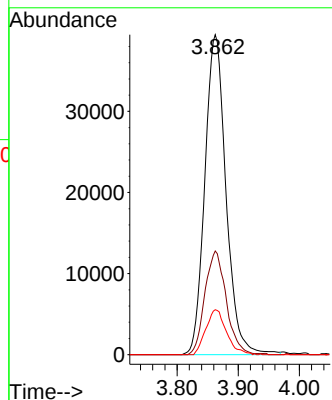
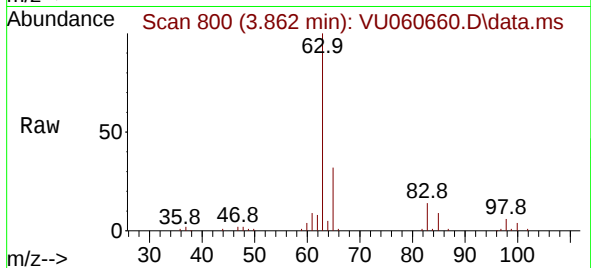




#19
1,1-Dichloroethane
Concen: 5.658 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

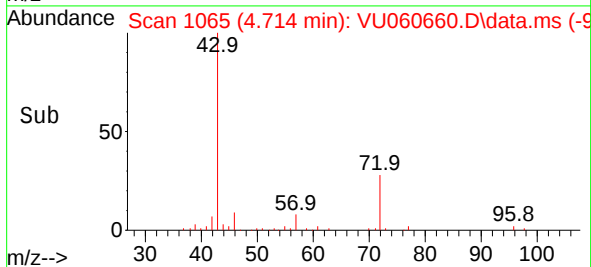
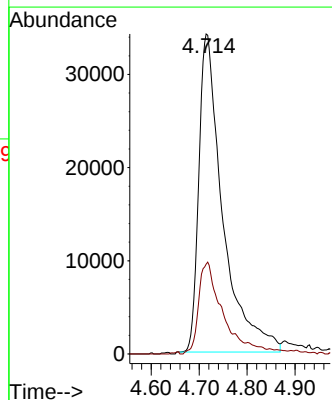
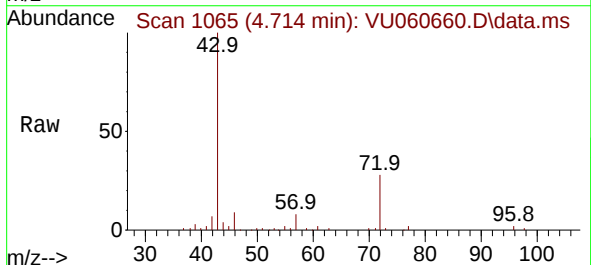
Instrument :
MSVOA_U
ClientSampleId :

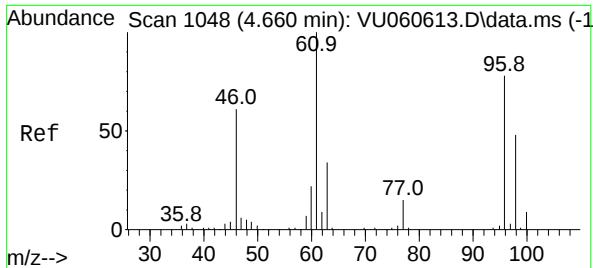
Tgt Ion: 63 Resp: 95048
Ion Ratio Lower Upper
63 100
65 32.4 20.5 38.1
83 14.0 9.2 17.2



#21
2-Butanone
Concen: 58.475 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.010 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion: 43 Resp: 118075
Ion Ratio Lower Upper
43 100
72 27.0 14.0 42.0

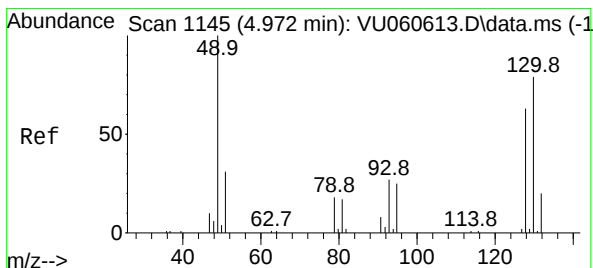
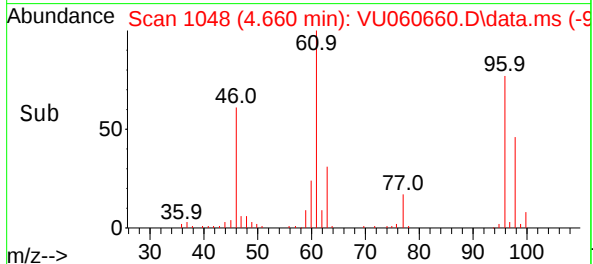
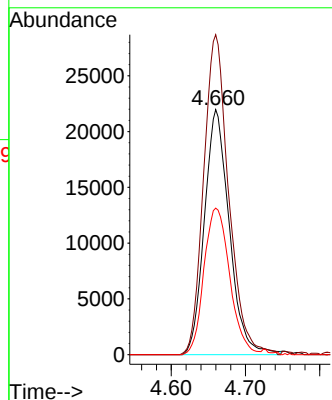
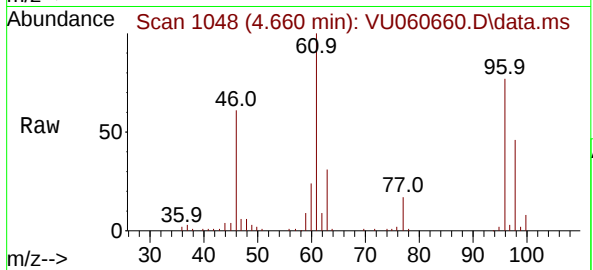




#22
 cis-1,2-Dichloroethene
 Concen: 5.543 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060660.D
 Acq: 10 Sep 2024 11:57

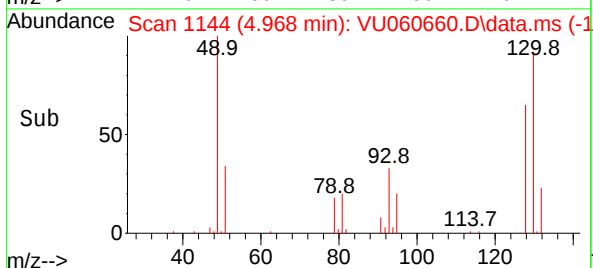
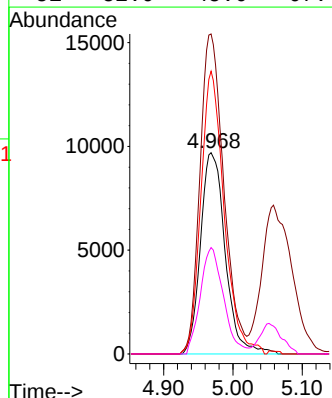
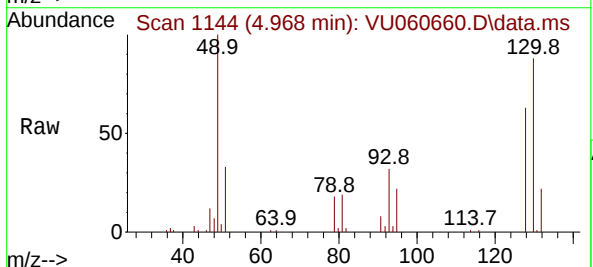
Instrument :
 MSVOA_U
 ClientSampleId :

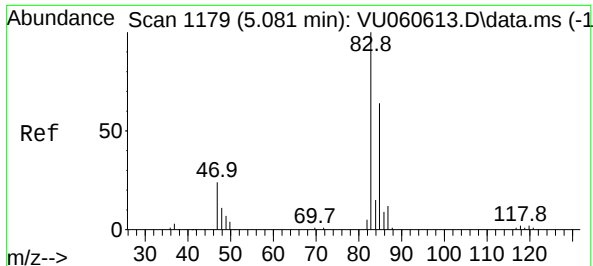
Tgt Ion: 96 Resp: 51199
 Ion Ratio Lower Upper
 96 100
 61 130.5 92.9 172.5
 98 59.8 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.705 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU060660.D
 Acq: 10 Sep 2024 11:57

Tgt Ion: 128 Resp: 23949
 Ion Ratio Lower Upper
 128 100
 49 164.6 108.1 200.7
 130 140.5 93.1 172.9
 51 52.9 45.0 67.4

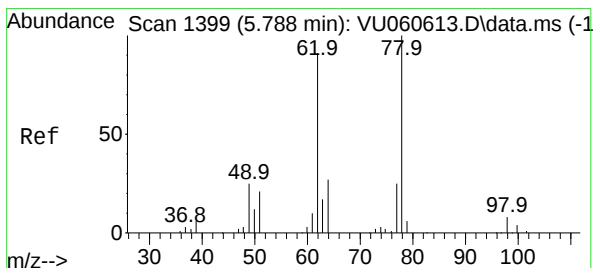
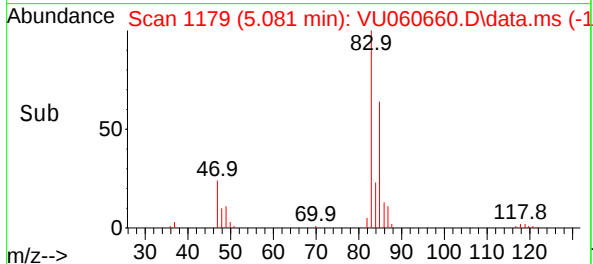
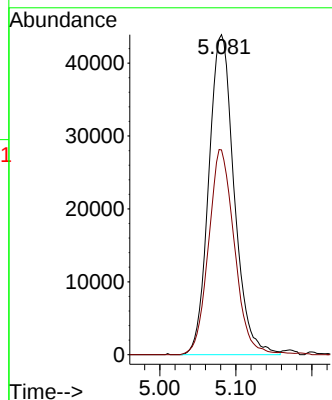
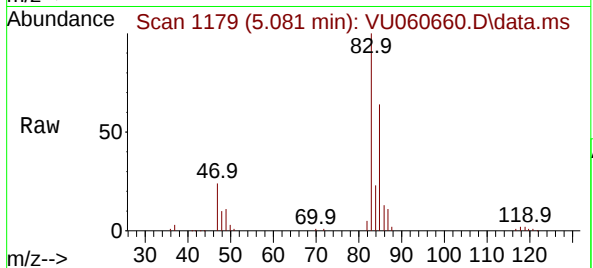




#25
Chloroform
Concen: 5.734 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

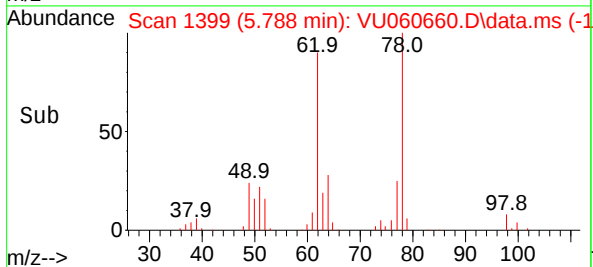
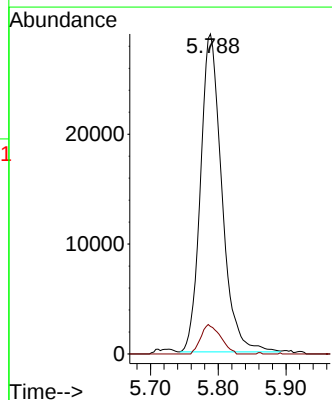
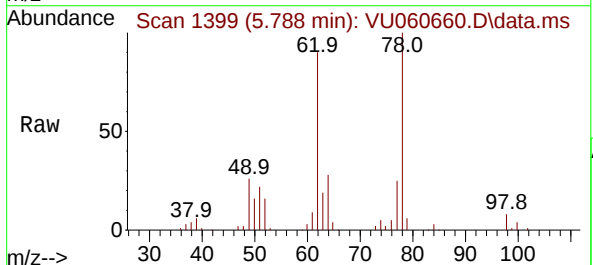
Instrument :
MSVOA_U
ClientSampleId :

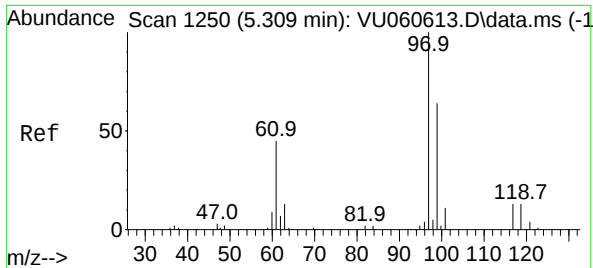
Tgt Ion: 83 Resp: 101938
Ion Ratio Lower Upper
83 100
85 64.0 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.302 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion: 62 Resp: 63265
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.4



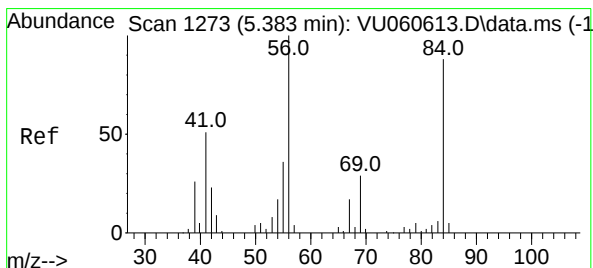
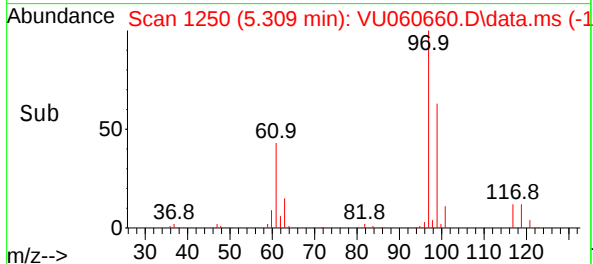
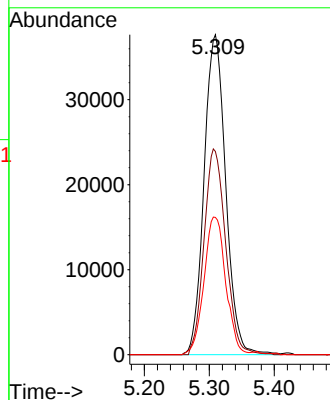
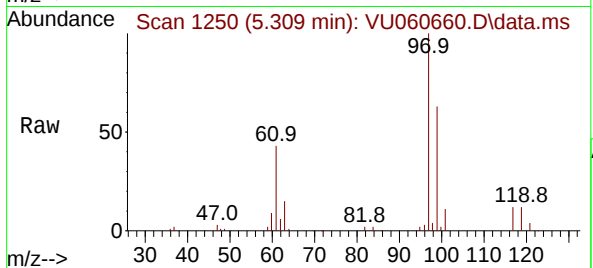


#29
1,1,1-Trichloroethane
Concen: 5.324 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 87494

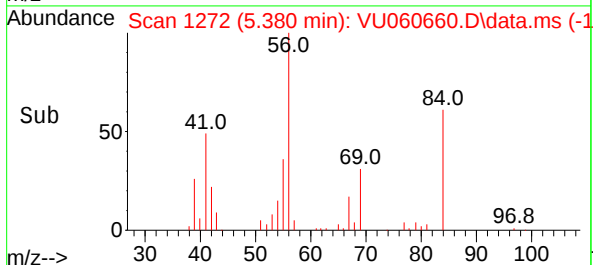
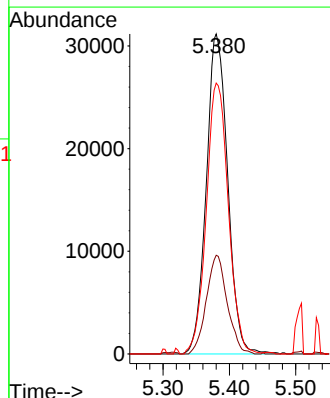
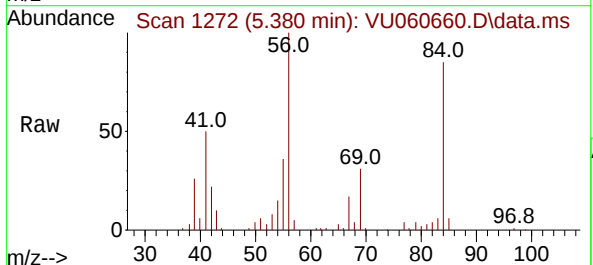
Ion	Ratio	Lower	Upper
97	100		
99	64.1	49.7	74.5
61	43.2	35.4	53.2

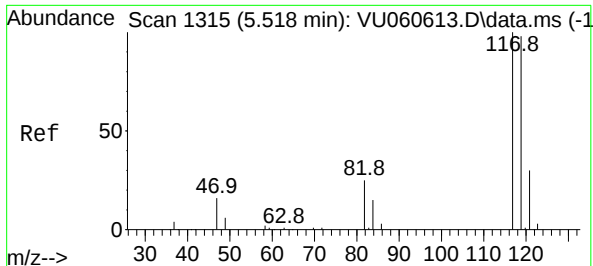


#30
Cyclohexane
Concen: 5.141 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion: 56 Resp: 69943

Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.2	36.2
84	87.1	69.7	104.5

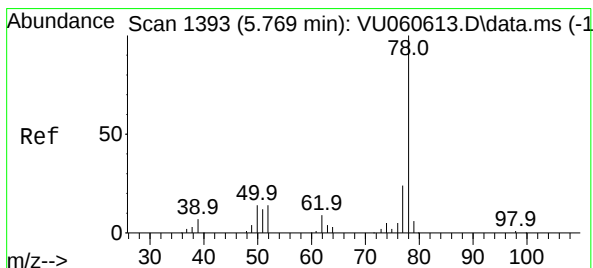
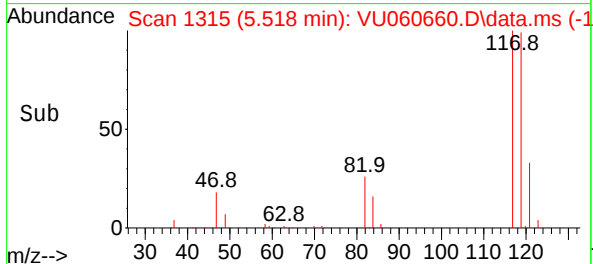
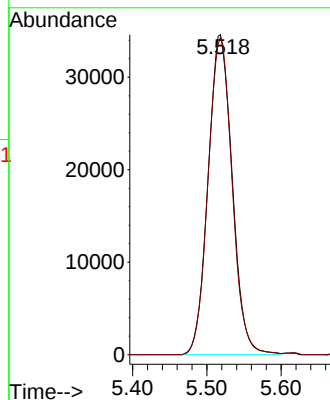
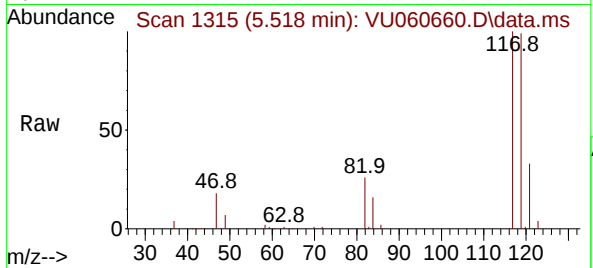




#31
Carbon tetrachloride
Concen: 5.137 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

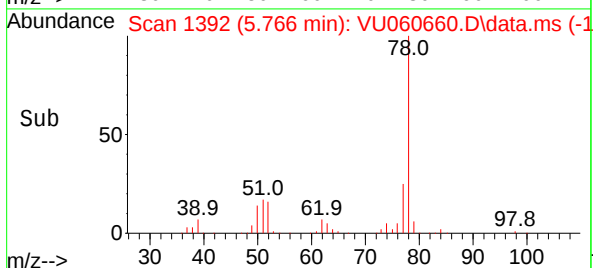
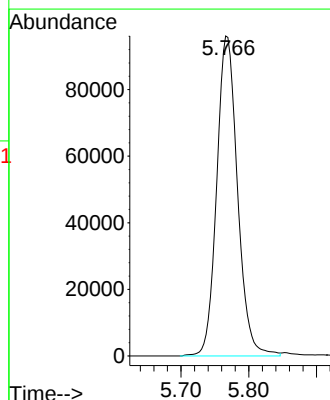
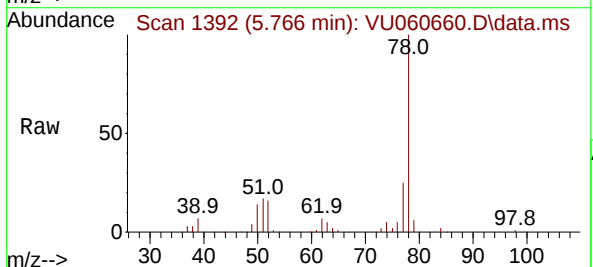
Instrument :
MSVOA_U
ClientSampleId :

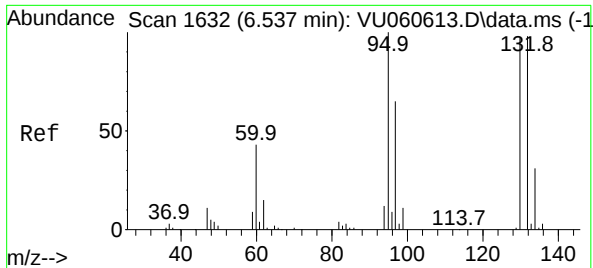
Tgt Ion:117 Resp: 78017
Ion Ratio Lower Upper
117 100
119 98.7 76.4 114.6



#33
Benzene
Concen: 5.388 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion: 78 Resp: 205042

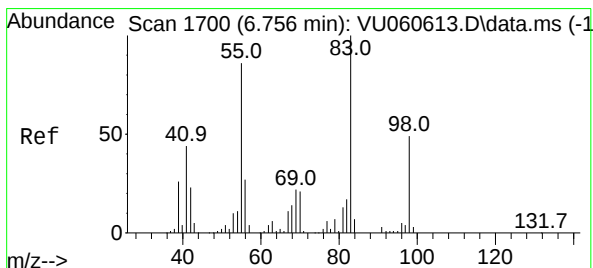
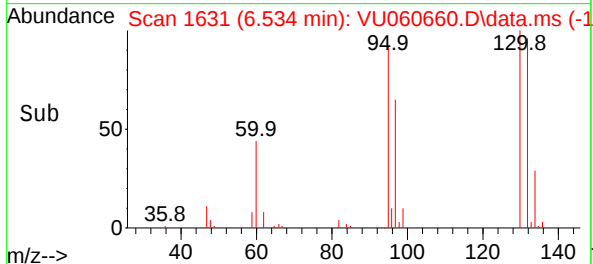
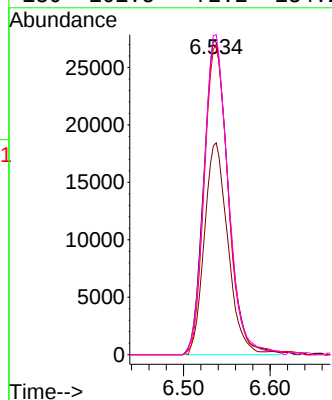
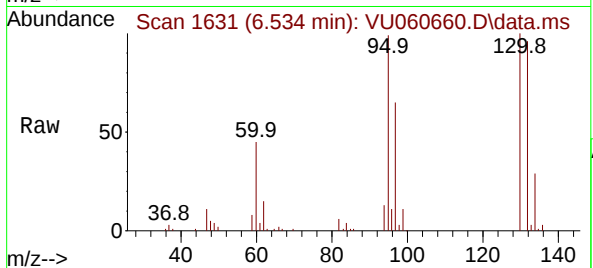




#34
Trichloroethene
Concen: 5.208 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

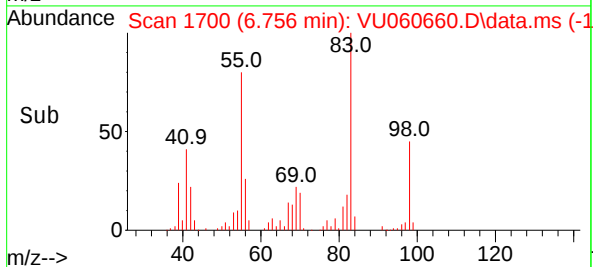
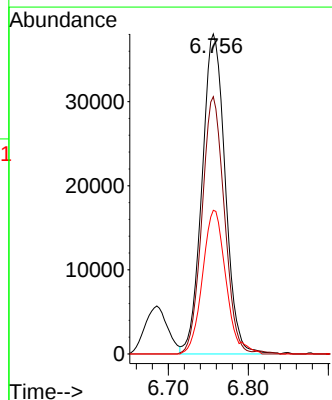
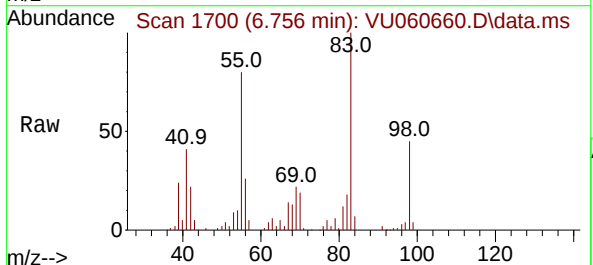
Instrument :
MSVOA_U
ClientSampleId :

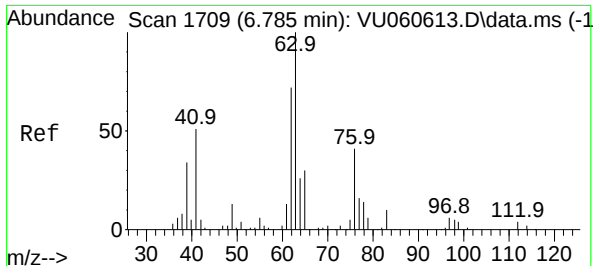
Tgt Ion: 95 Resp: 53722
Ion Ratio Lower Upper
95 100
97 66.4 45.8 85.2
132 97.0 67.4 125.2
130 101.5 72.2 134.2



#35
Methylcyclohexane
Concen: 5.424 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion: 83 Resp: 76770
Ion Ratio Lower Upper
83 100
55 77.5 65.8 98.8
98 45.2 37.8 56.8

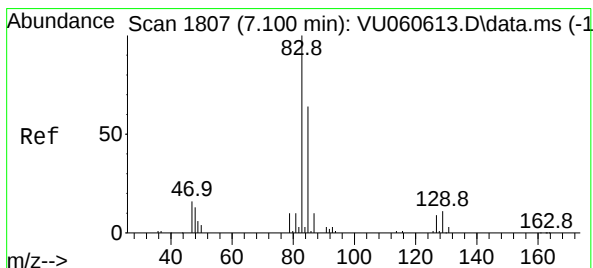
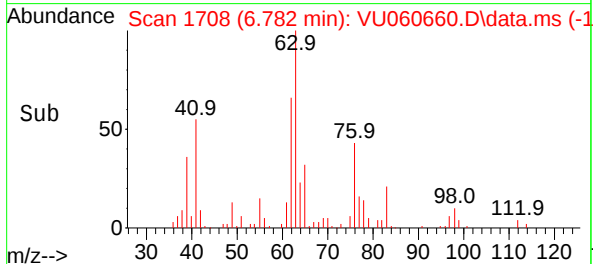
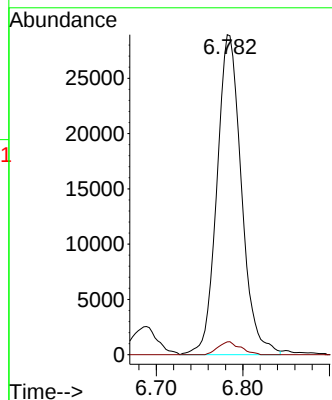
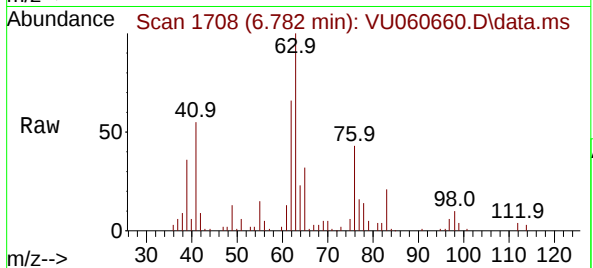




#37
1,2-Dichloropropane
Concen: 5.844 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

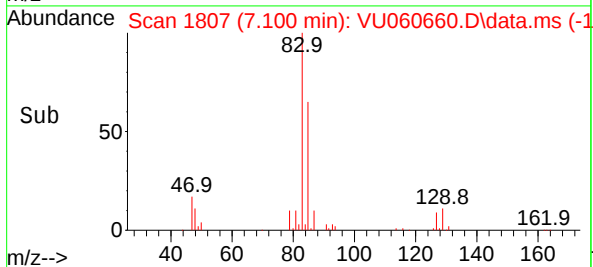
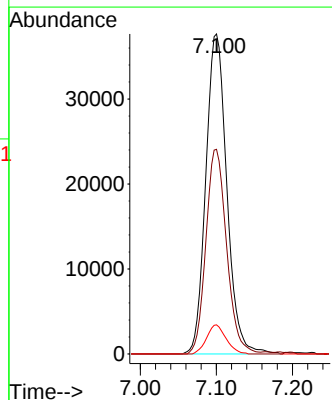
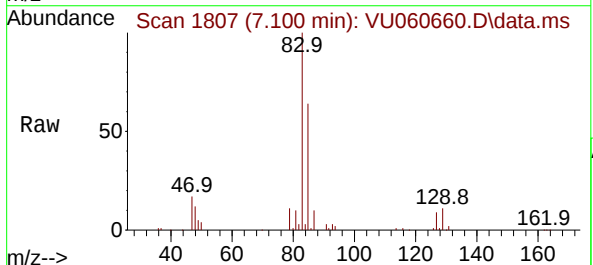
Instrument :
MSVOA_U
ClientSampleId :

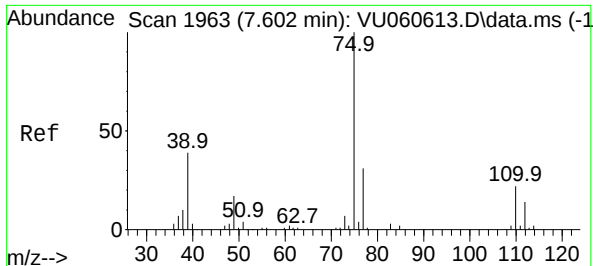
Tgt Ion: 63 Resp: 56987
Ion Ratio Lower Upper
63 100
112 3.7 2.3 3.5#



#38
Bromodichloromethane
Concen: 5.658 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion: 83 Resp: 72494
Ion Ratio Lower Upper
83 100
85 64.0 44.9 83.5
127 9.1 7.3 10.9

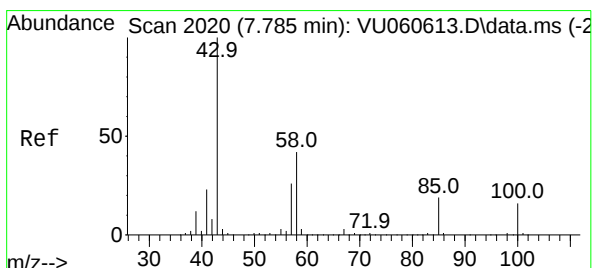
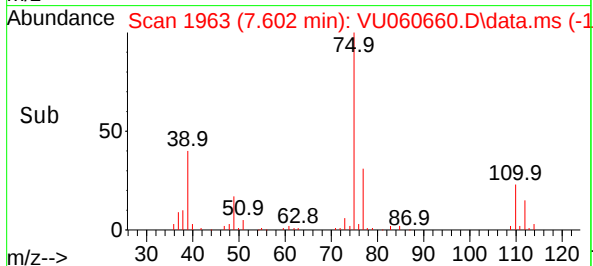
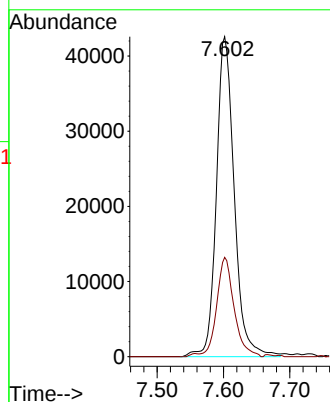
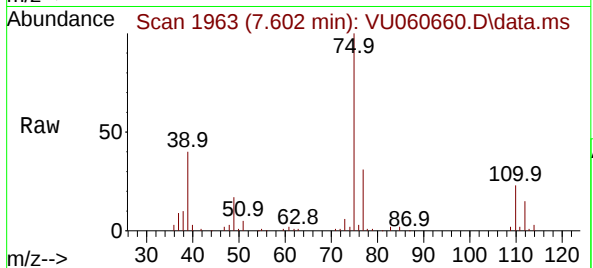




#39
 cis-1,3-Dichloropropene
 Concen: 5.581 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060660.D
 Acq: 10 Sep 2024 11:57

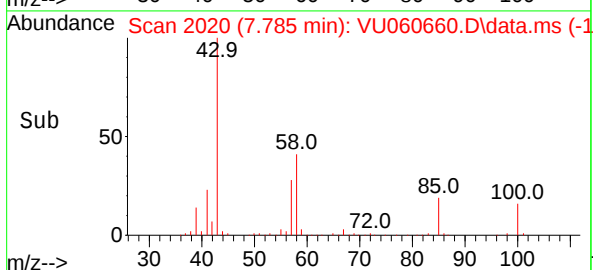
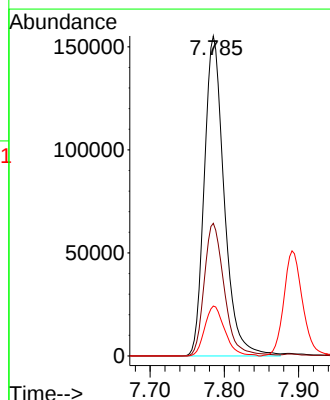
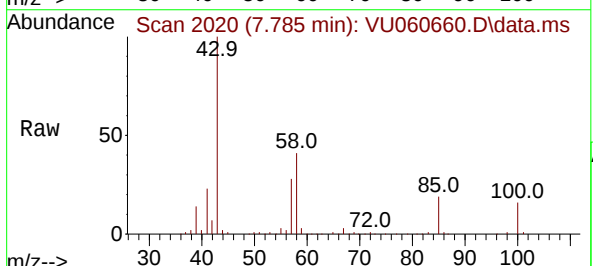
Instrument :
 MSVOA_U
 ClientSampleId :

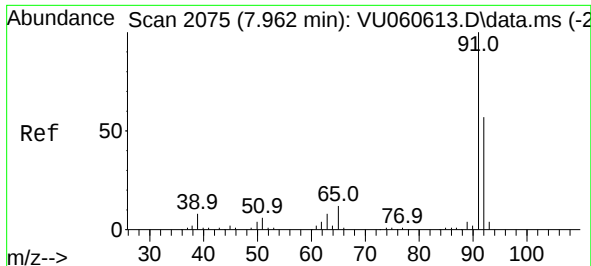
Tgt Ion: 75 Resp: 79792
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 56.890 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060660.D
 Acq: 10 Sep 2024 11:57

Tgt Ion: 43 Resp: 288920
 Ion Ratio Lower Upper
 43 100
 58 41.8 32.5 48.7
 100 15.7 12.5 18.7





#42

Toluene

Concen: 5.644 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

Instrument :

MSVOA_U

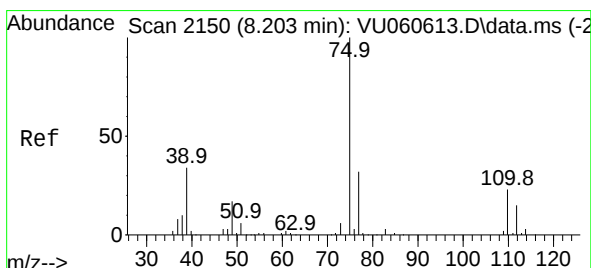
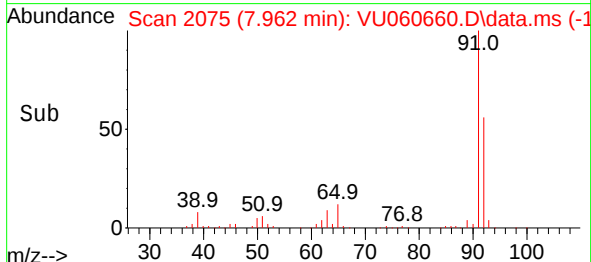
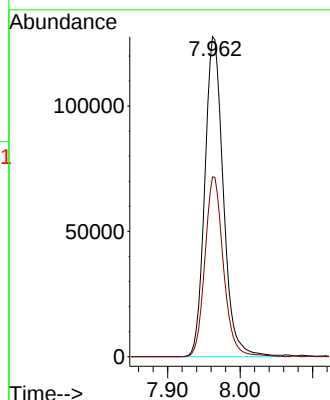
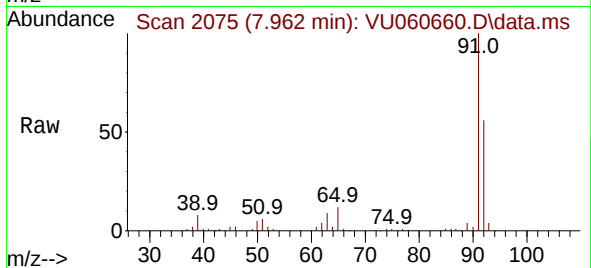
ClientSampleId :

Tgt Ion: 91 Resp: 226984

Ion Ratio Lower Upper

91 100

92 56.2 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.646 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU060660.D

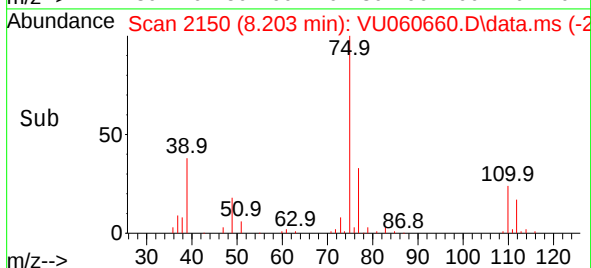
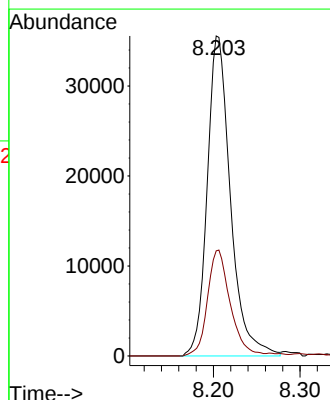
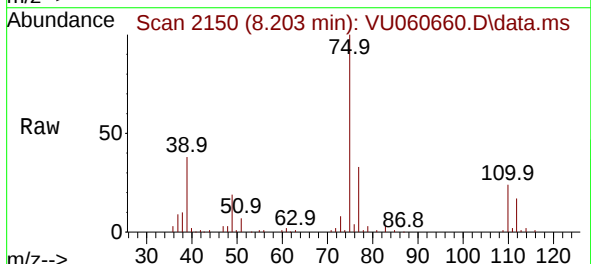
Acq: 10 Sep 2024 11:57

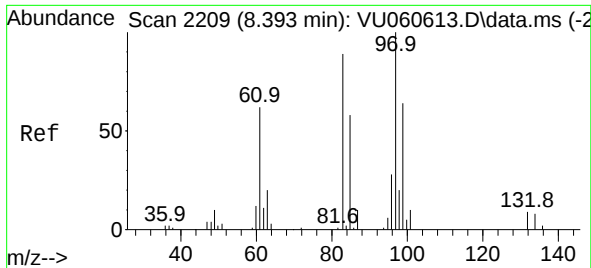
Tgt Ion: 75 Resp: 66276

Ion Ratio Lower Upper

75 100

77 32.8 23.4 43.6

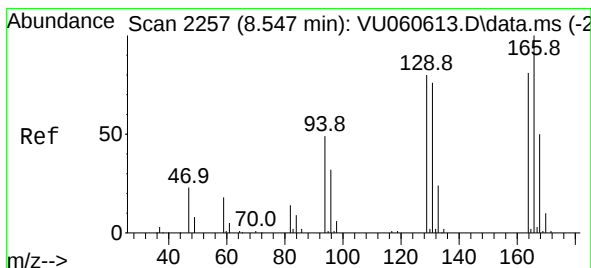
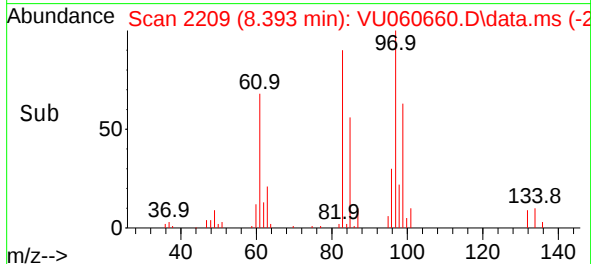
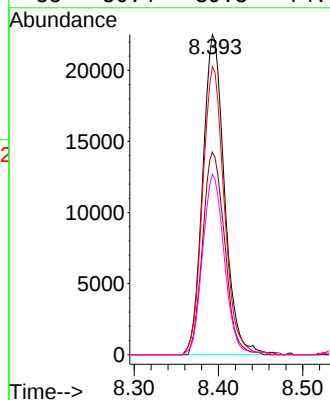
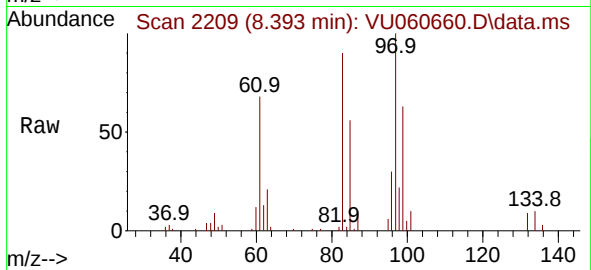




#45
1,1,2-Trichloroethane
Concen: 5.733 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

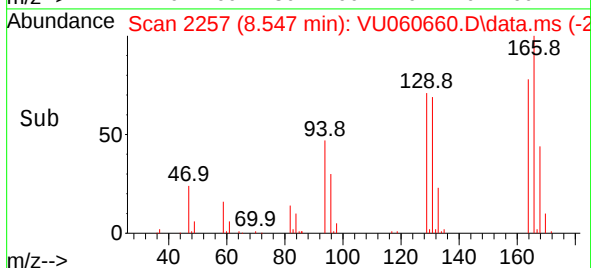
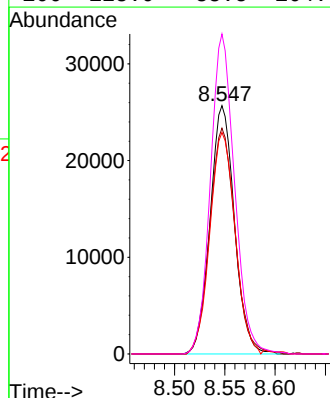
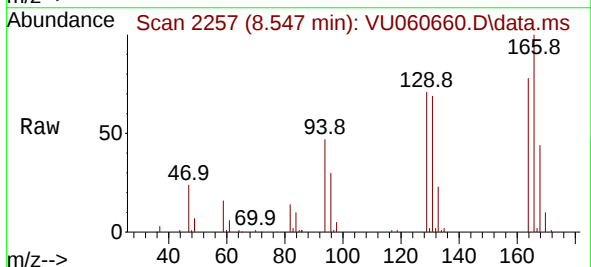
Instrument :
MSVOA_U
ClientSampleId :

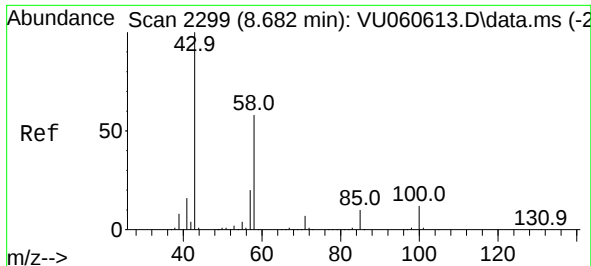
Tgt Ion:	97	Resp:	40499
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.4	78.8
83	90.0	64.0	119.0
85	56.4	39.8	74.0



#47
Tetrachloroethene
Concen: 5.128 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

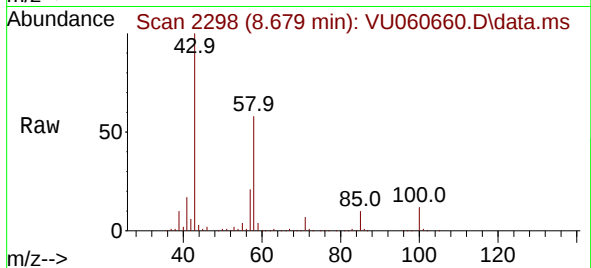
Tgt Ion:	164	Resp:	43359
Ion	Ratio	Lower	Upper
164	100		
129	90.9	67.8	125.8
131	89.2	67.2	124.8
166	128.9	88.5	164.4



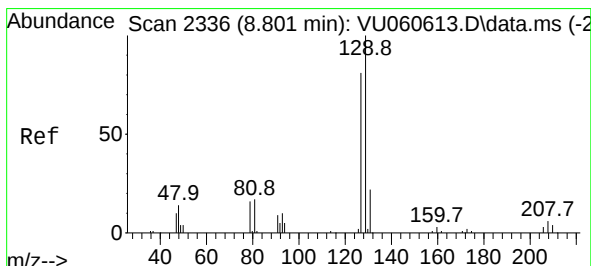
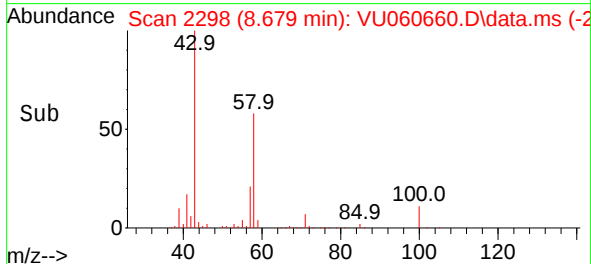
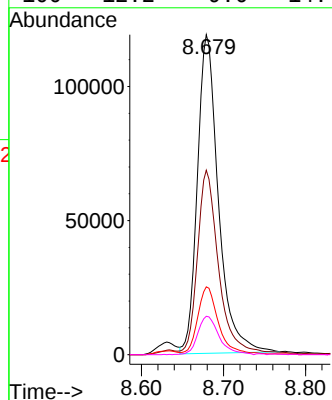


#48
2-Hexanone
Concen: 55.756 ug/L
RT: 8.679 min Scan# 211914
Delta R.T. -0.003 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Instrument :
MSVOA_U
ClientSampleId :

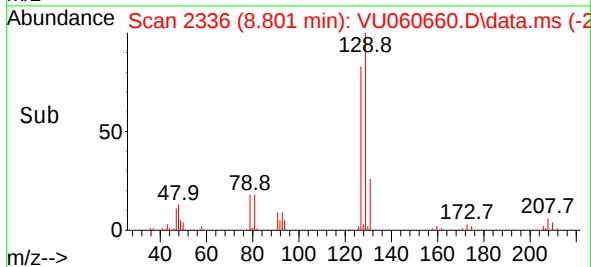
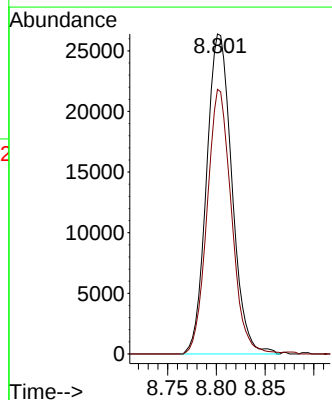
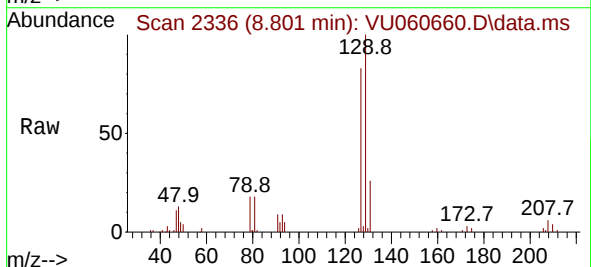


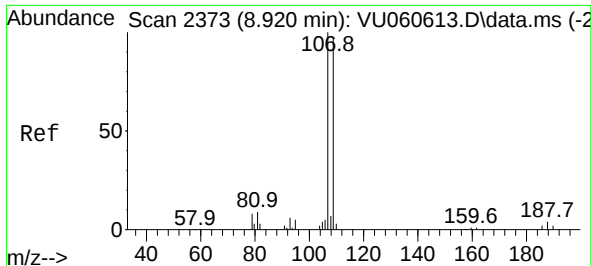
Tgt Ion:	43	Resp:	211914
Ion	Ratio	Lower	Upper
43	100		
58	58.3	45.6	68.4
57	20.7	15.6	23.4
100	12.2	9.6	14.4



#49
Dibromochloromethane
Concen: 5.839 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion:	129	Resp:	47752
Ion	Ratio	Lower	Upper
129	100		
127	82.7	53.0	98.4





#50

1,2-Dibromoethane

Concen: 5.713 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.003 min

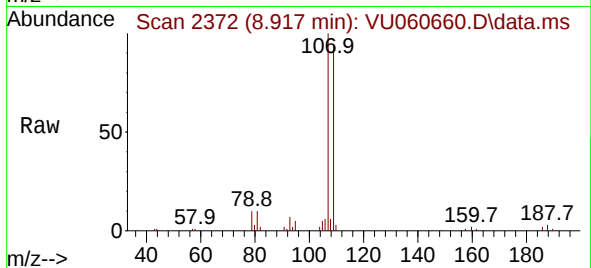
Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

Instrument :

MSVOA_U

ClientSampleId :



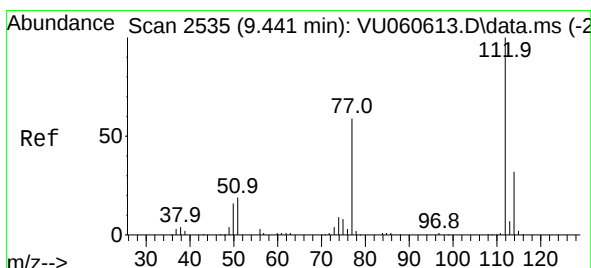
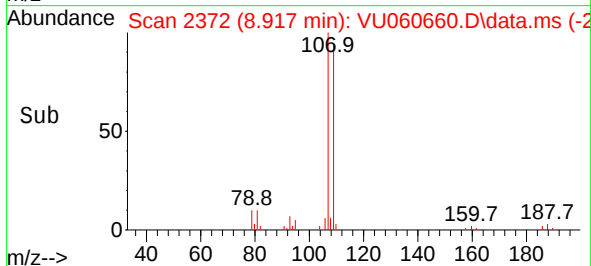
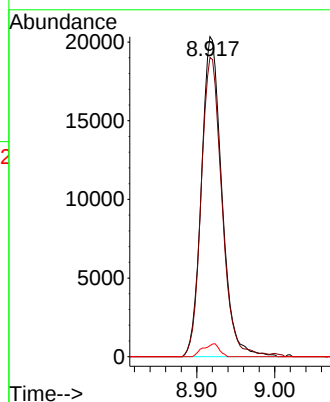
Tgt Ion:107 Resp: 37048

Ion Ratio Lower Upper

107 100

109 93.5 68.5 127.3

188 3.5 3.9 5.9#



#51

Chlorobenzene

Concen: 5.412 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

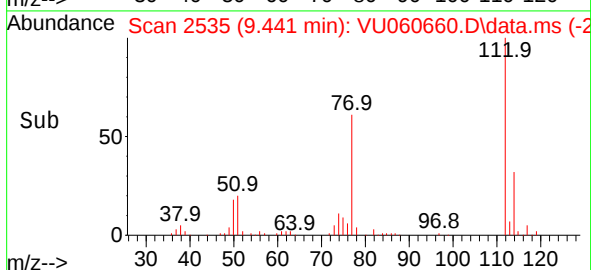
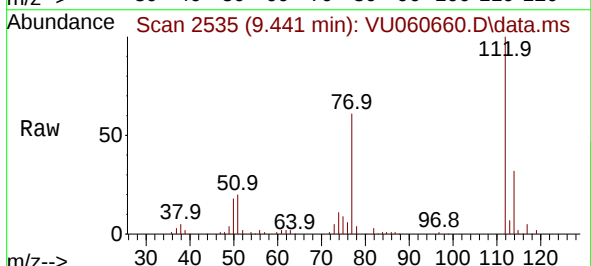
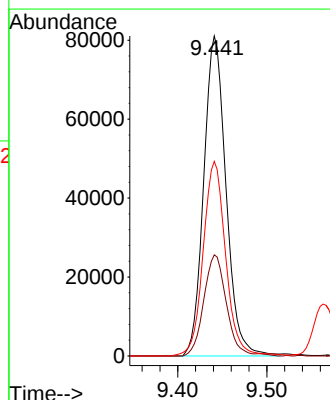
Tgt Ion:112 Resp: 140907

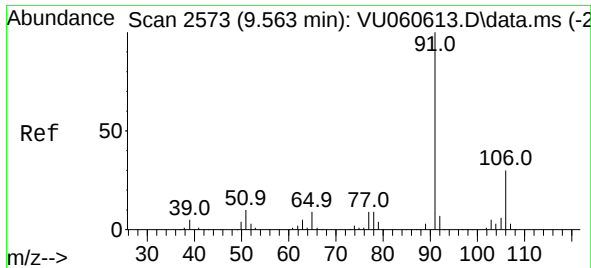
Ion Ratio Lower Upper

112 100

114 31.6 21.9 40.7

77 60.8 47.4 71.2

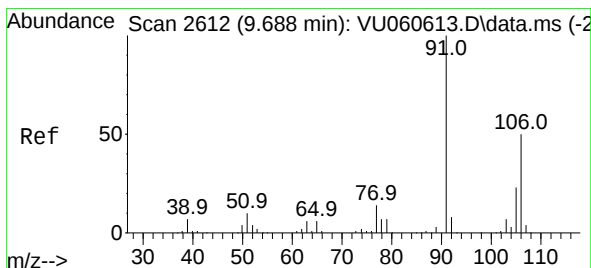
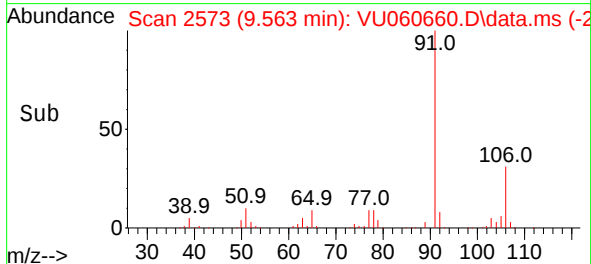
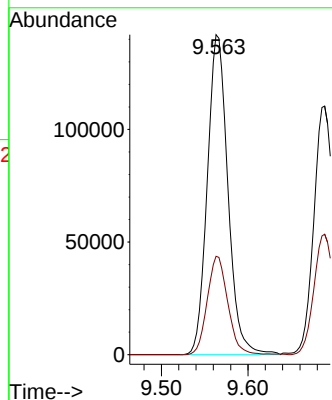
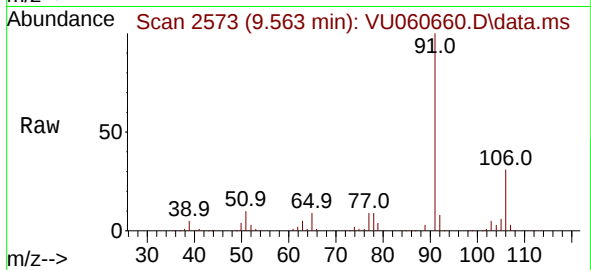




#52
Ethylbenzene
Concen: 5.514 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

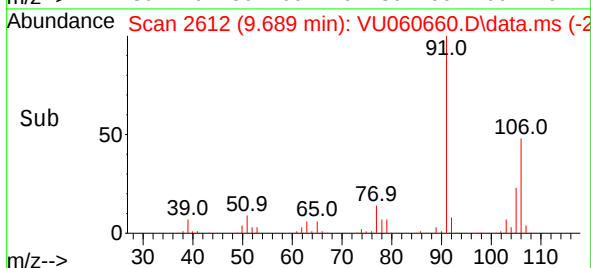
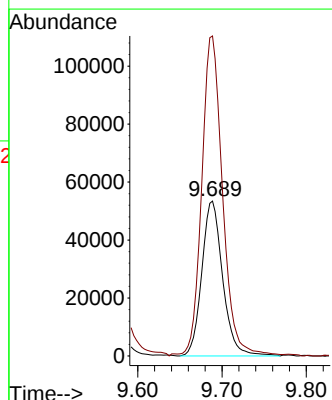
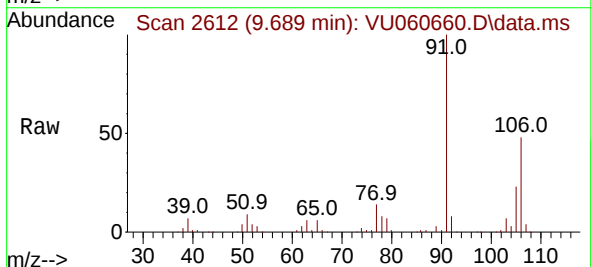
Instrument :
MSVOA_U
ClientSampleId :

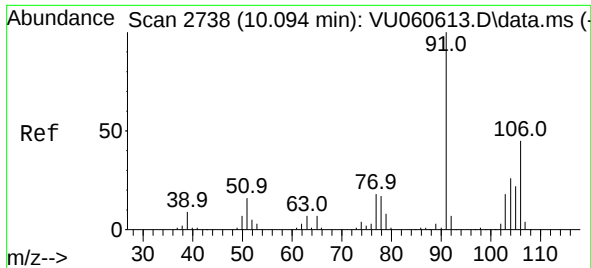
Tgt Ion: 91 Resp: 234982
Ion Ratio Lower Upper
91 100
106 30.8 21.9 40.7



#53
m,p-Xylene
Concen: 5.825 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion:106 Resp: 92286
Ion Ratio Lower Upper
106 100
91 206.5 141.5 262.9

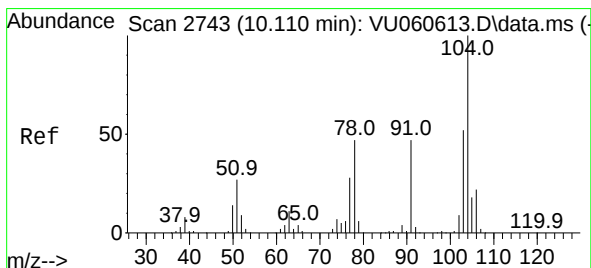
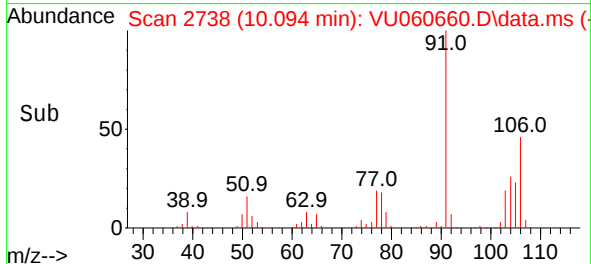
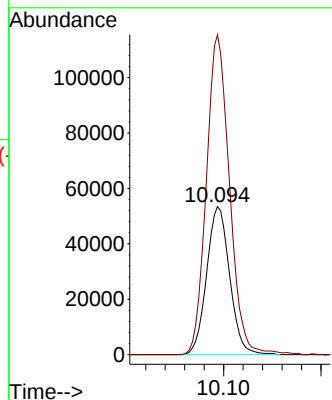
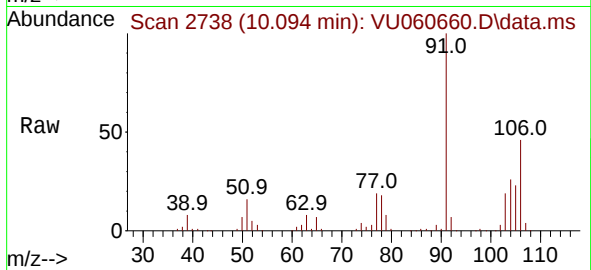




#54
o-Xylene
Concen: 5.398 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

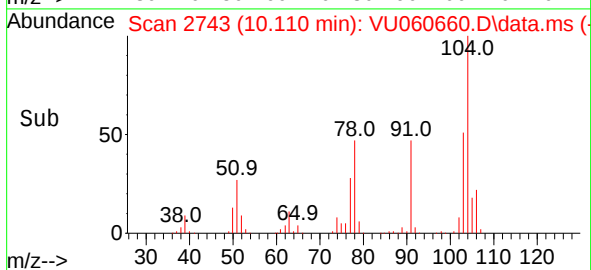
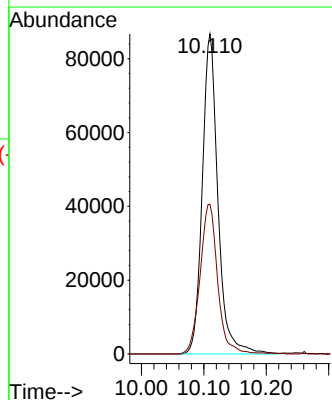
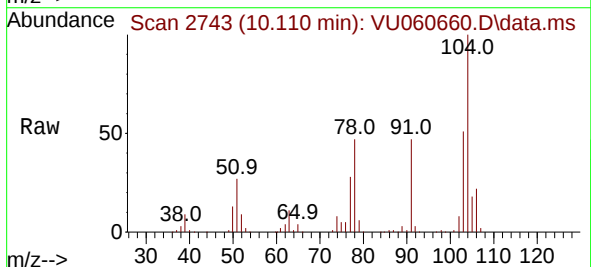
Instrument :
MSVOA_U
ClientSampleId :

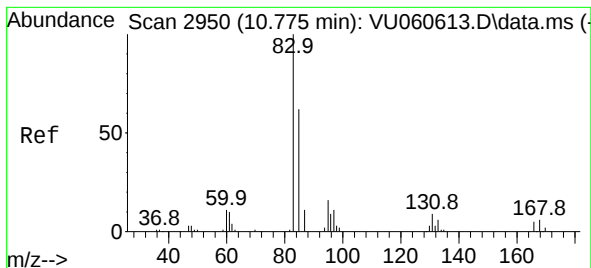
Tgt Ion:106 Resp: 87551
Ion Ratio Lower Upper
106 100
91 215.9 151.1 280.7



#55
Styrene
Concen: 5.694 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion:104 Resp: 151325
Ion Ratio Lower Upper
104 100
78 46.8 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.401 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060660.D

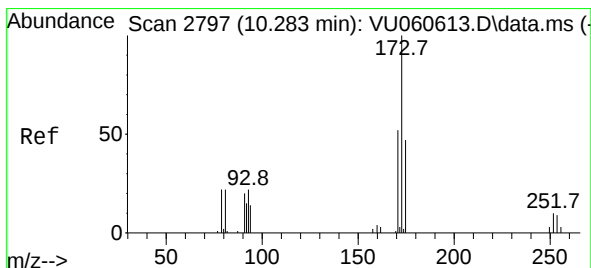
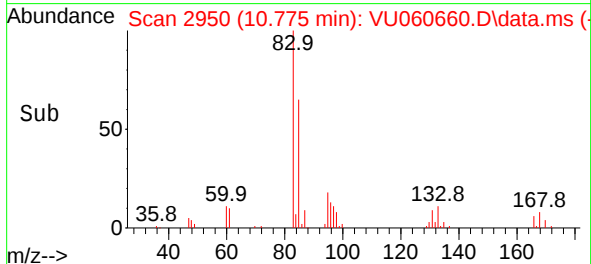
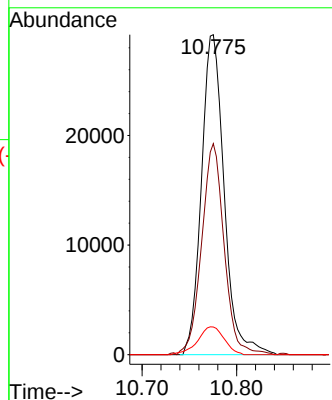
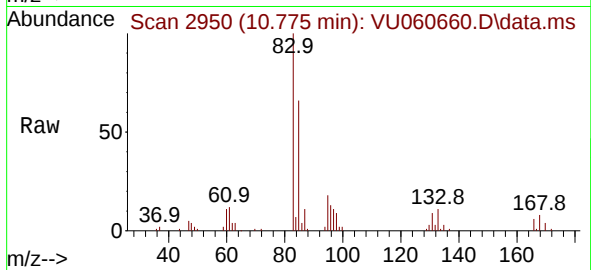
Acq: 10 Sep 2024 11:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	48714
Ion Ratio	Lower	Upper	
83	100		
85	66.0	43.3	80.5
131	8.7	8.9	13.3#



#59

Bromoform

Concen: 5.605 ug/L

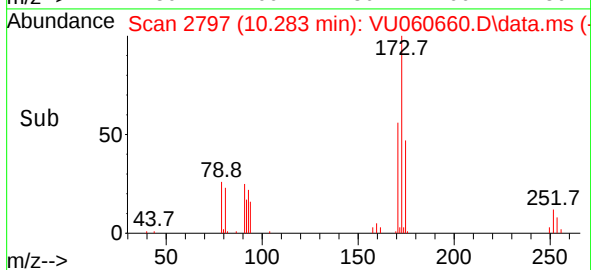
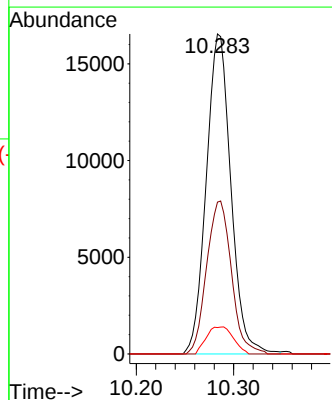
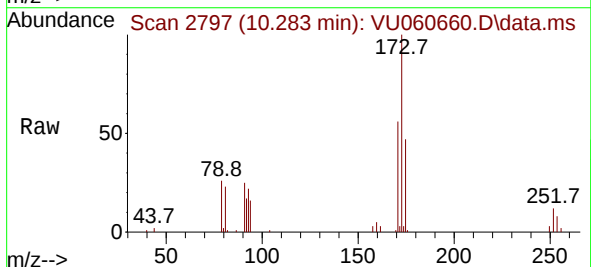
RT: 10.283 min Scan# 2797

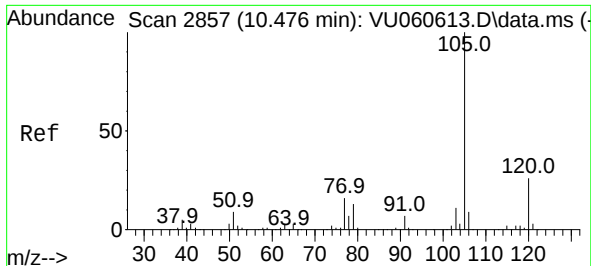
Delta R.T. 0.000 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

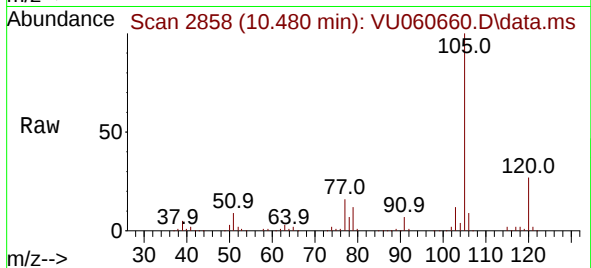
Tgt Ion:	173	Resp:	29018
Ion Ratio	Lower	Upper	
173	100		
175	48.1	39.8	59.8
254	9.2	8.2	12.2



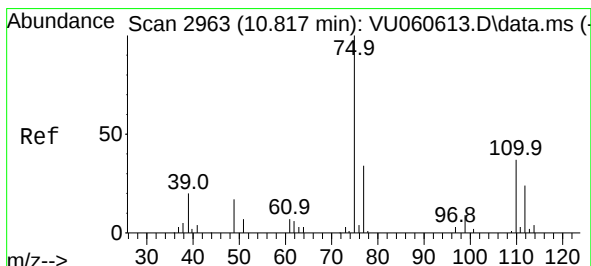
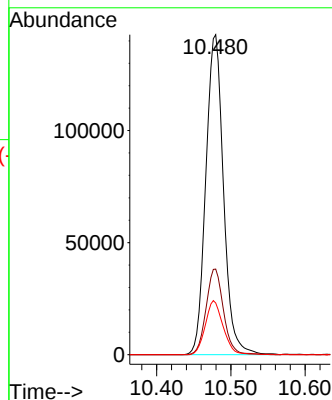
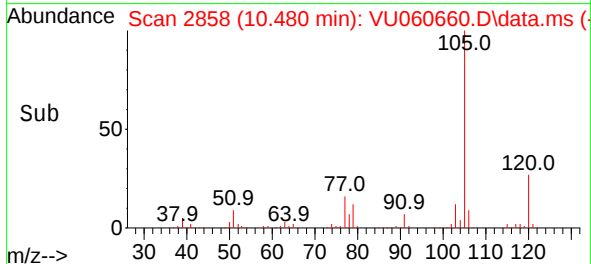


#60
Isopropylbenzene
Concen: 5.602 ug/L
RT: 10.480 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Instrument :
MSVOA_U
ClientSampleId :

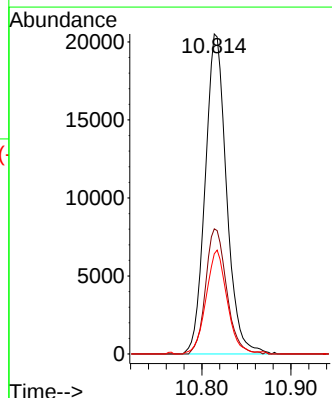
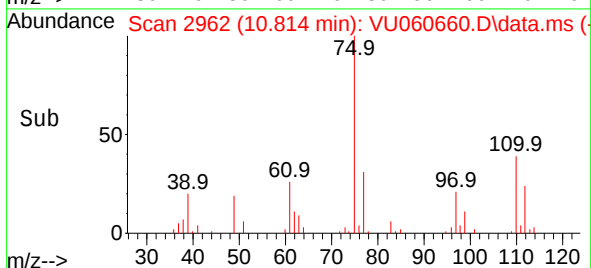
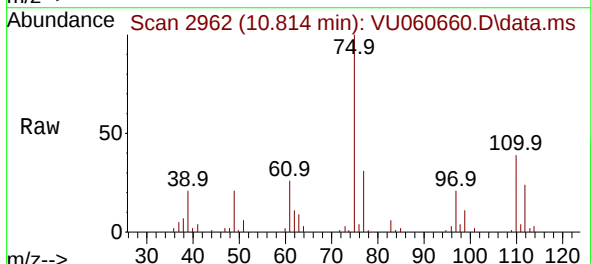


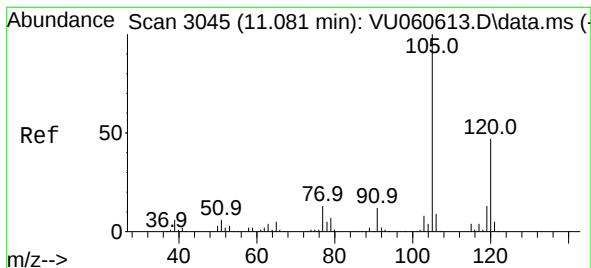
Tgt Ion:105 Resp: 235751
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.4
77 17.0 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.611 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion: 75 Resp: 34095
Ion Ratio Lower Upper
75 100
110 38.5 30.2 45.4
77 32.0 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.885 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

Instrument :

MSVOA_U

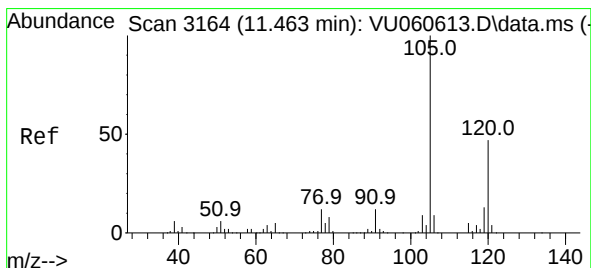
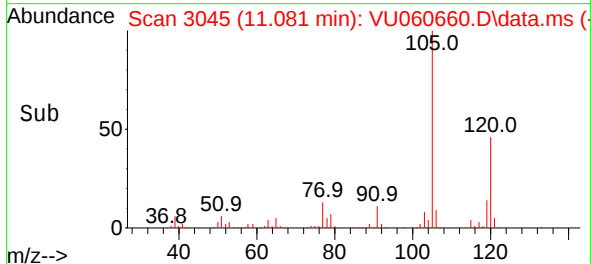
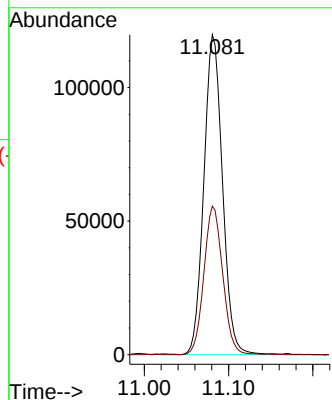
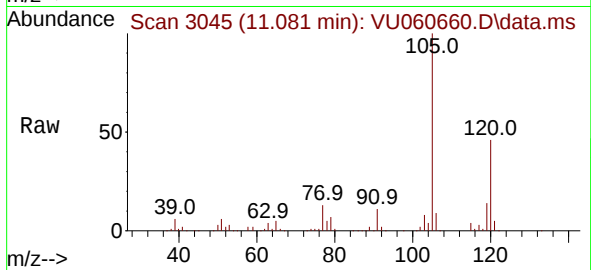
ClientSampleId :

Tgt Ion:105 Resp: 184587

Ion Ratio Lower Upper

105 100

120 46.9 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.875 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU060660.D

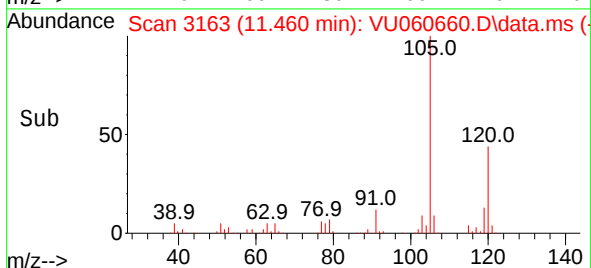
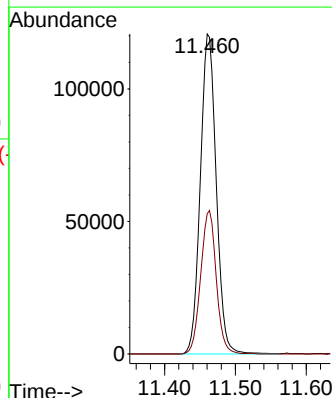
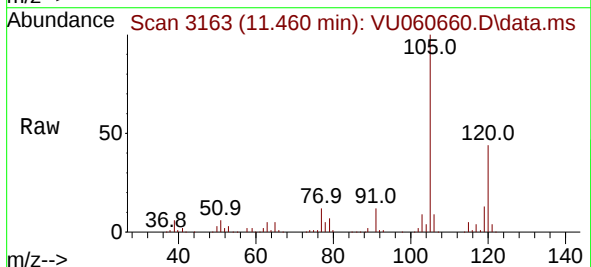
Acq: 10 Sep 2024 11:57

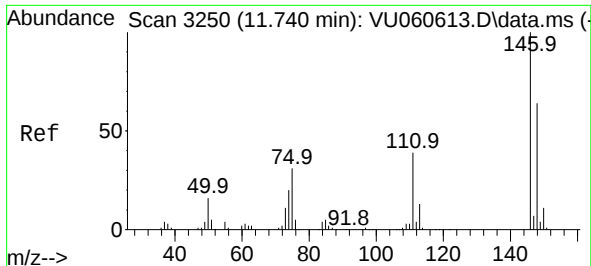
Tgt Ion:105 Resp: 187979

Ion Ratio Lower Upper

105 100

120 43.8 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 5.531 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.000 min

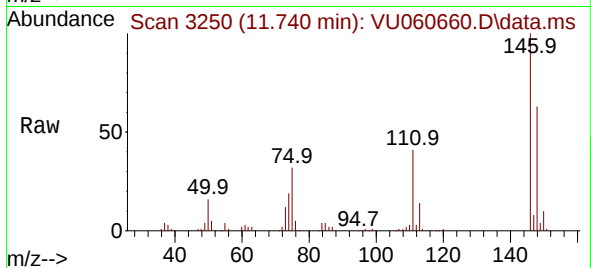
Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

Instrument :

MSVOA_U

ClientSampleId :



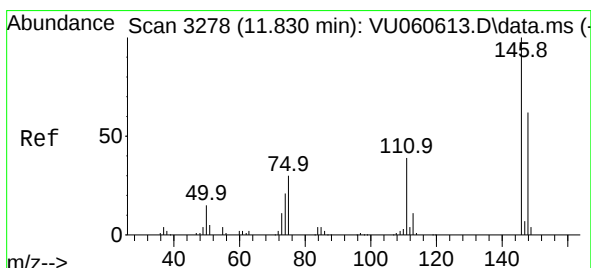
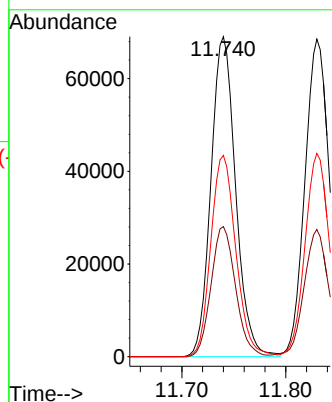
Tgt Ion:146 Resp: 113912

Ion Ratio Lower Upper

146 100

111 40.7 27.9 51.9

148 62.9 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 5.469 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

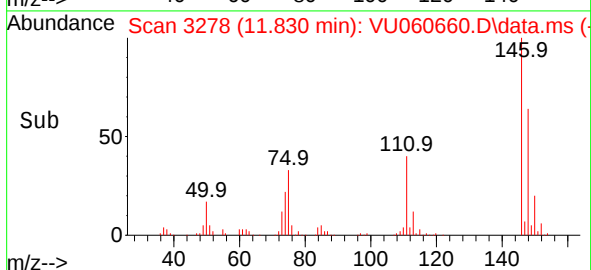
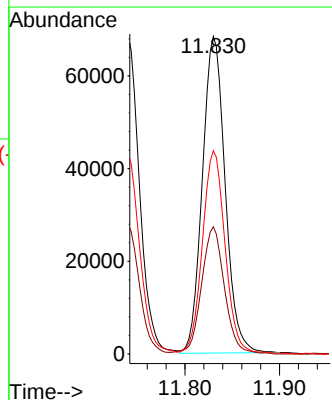
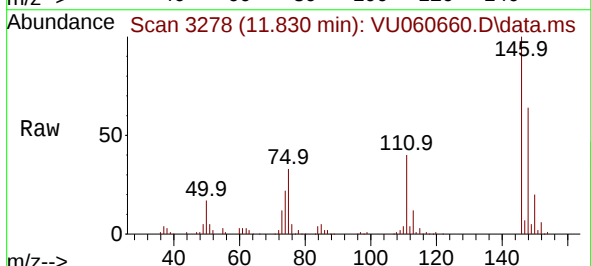
Tgt Ion:146 Resp: 114308

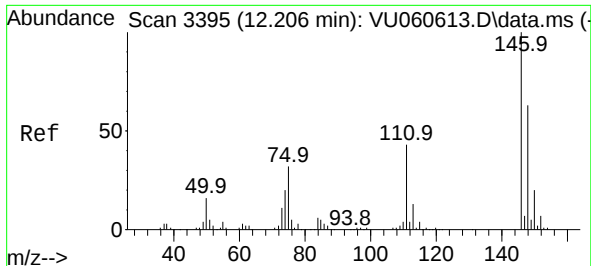
Ion Ratio Lower Upper

146 100

111 40.0 27.2 50.4

148 64.0 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.516 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

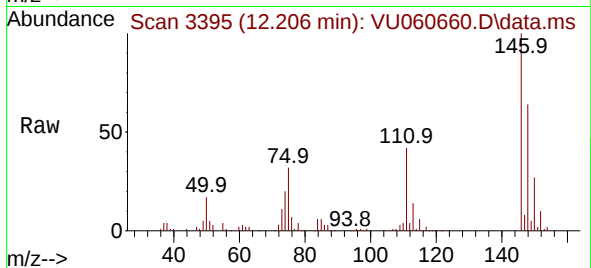
Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

Instrument :

MSVOA_U

ClientSampleId :



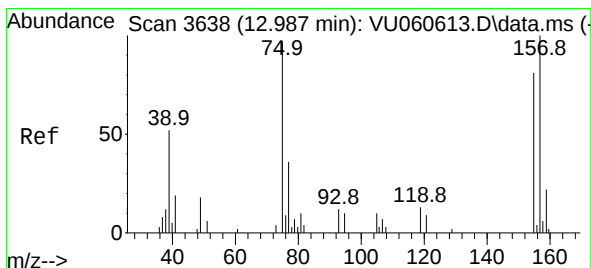
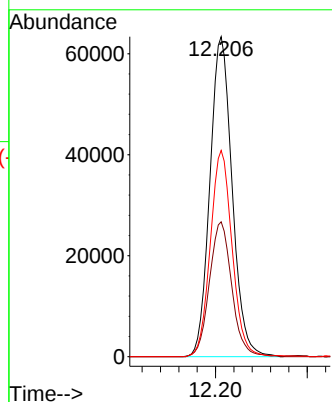
Tgt Ion:146 Resp: 106593

Ion Ratio Lower Upper

146 100

111 42.2 34.6 52.0

148 64.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.385 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

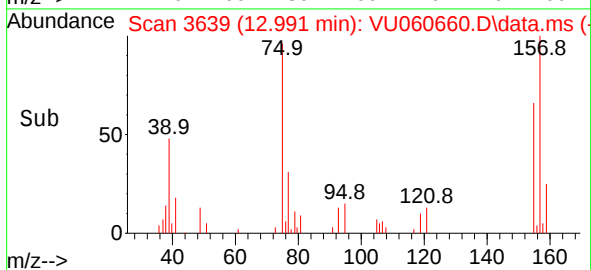
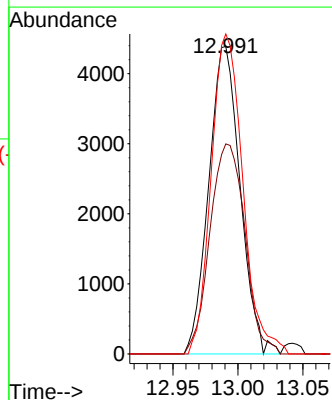
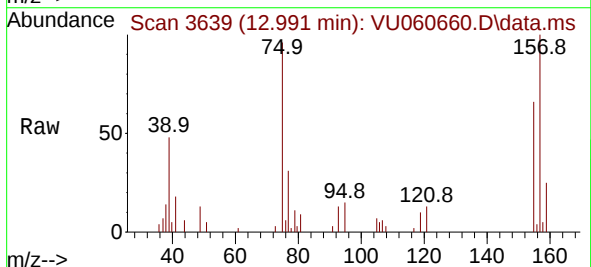
Tgt Ion: 75 Resp: 7386

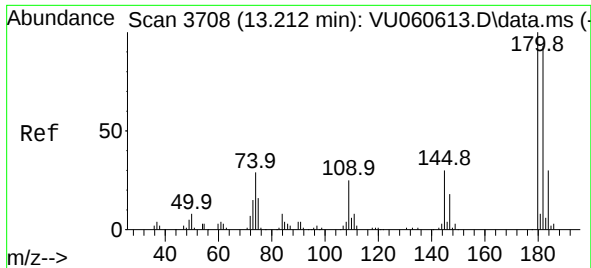
Ion Ratio Lower Upper

75 100

155 68.3 62.7 94.1

157 104.0 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 5.332 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

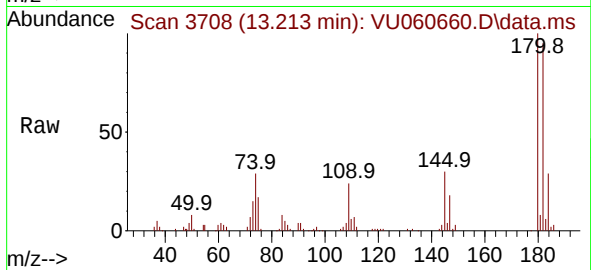
Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 84692

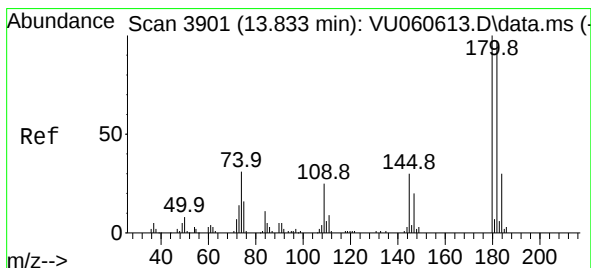
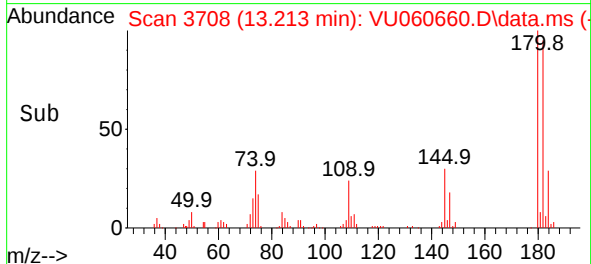
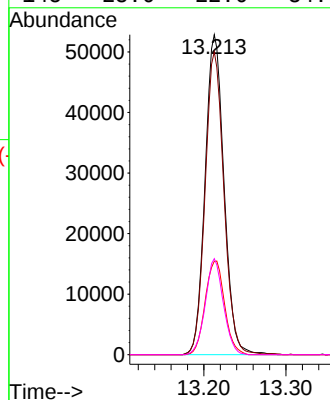
Ion Ratio Lower Upper

180 100

182 93.9 77.6 116.4

184 30.0 24.9 37.3

145 28.6 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.987 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060660.D

Acq: 10 Sep 2024 11:57

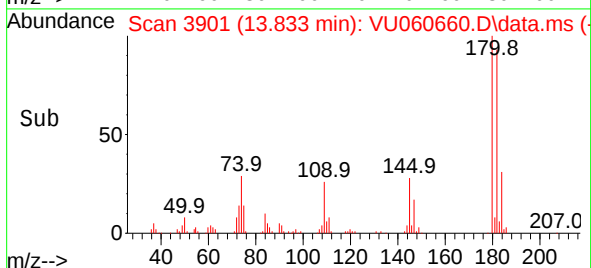
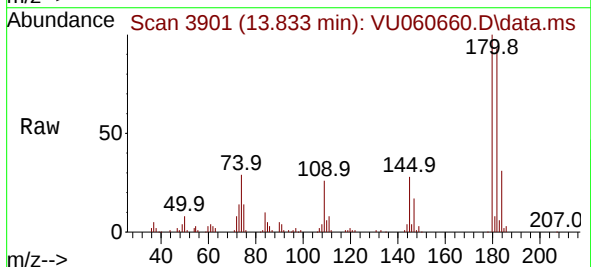
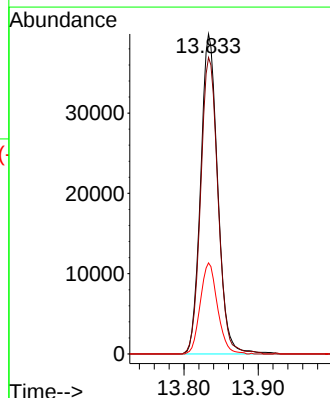
Tgt Ion:180 Resp: 63898

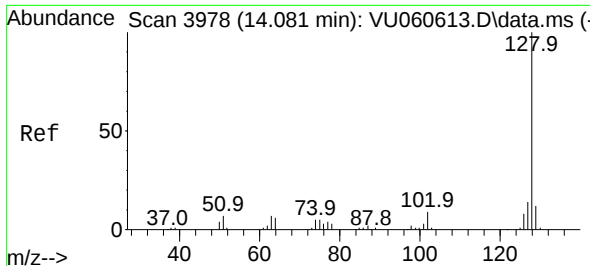
Ion Ratio Lower Upper

180 100

182 94.0 77.3 115.9

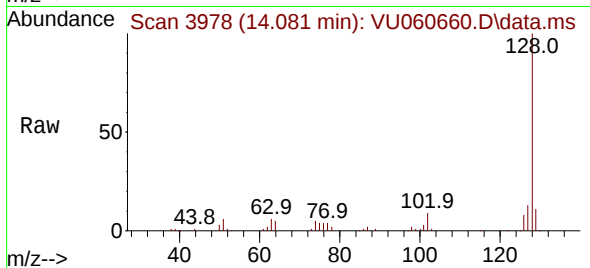
145 28.6 23.9 35.9



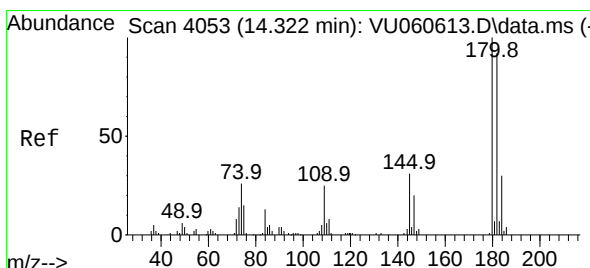
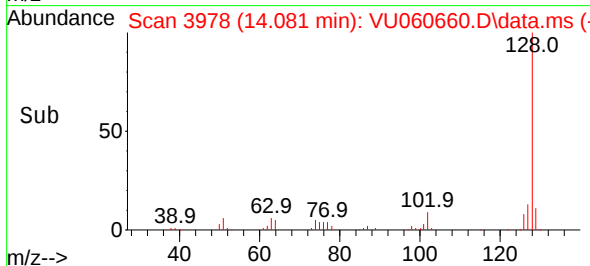
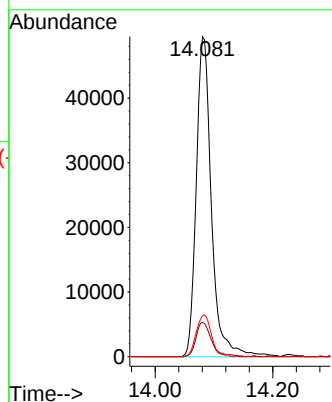


#71
Naphthalene
Concen: 5.406 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 88494
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.224 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060660.D
Acq: 10 Sep 2024 11:57

Tgt Ion:180 Resp: 56019
Ion Ratio Lower Upper
180 100
182 94.2 76.0 114.0
145 31.0 24.3 36.5

