

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060801.D
 Acq On : 16 Sep 2024 23:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:59:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:47:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167521	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	174297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	72943	4.841	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.911	69	55593	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.560	65	27708	5.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.634	46	127363	52.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.300%
24) Chloroform-d	5.052	84	120094	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.695	65	58258	5.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.721	84	240254	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.682	67	72985	5.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.891	98	226412	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
43) trans-1,3-Dichloroprop...	8.174	79	27447	5.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.600%
46) 2-Hexanone-d5	8.628	63	113409	55.258	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.520%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59185	5.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	79248	5.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	63061	4.987	ug/L	98
3) Chloromethane	1.515	50	64642	4.839	ug/L	99
5) Vinyl chloride	1.602	62	70903	4.904	ug/L	99
6) Bromomethane	1.853	94	43898	4.751	ug/L	100
8) Chloroethane	1.930	64	41553	4.704	ug/L	97
9) Trichlorofluoromethane	2.136	101	95746	4.822	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	55677	4.825	ug/L	97
12) 1,1-Dichloroethene	2.576	96	51027	4.842	ug/L	93
13) Acetone	2.653	43	72021	44.630	ug/L	92
14) Carbon disulfide	2.789	76	141251	4.832	ug/L	99
15) Methyl Acetate	2.959	43	20604	5.237	ug/L #	88
16) Methylene chloride	3.039	84	64490	5.285	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	119298	5.009	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	52660	4.823	ug/L	97
19) 1,1-Dichloroethane	3.859	63	107618	4.909	ug/L	96
21) 2-Butanone	4.711	43	123983	47.197	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	61730	5.108	ug/L	95
23) Bromochloromethane	4.969	128	29361	5.144	ug/L	95
25) Chloroform	5.078	83	112276	4.912	ug/L	99

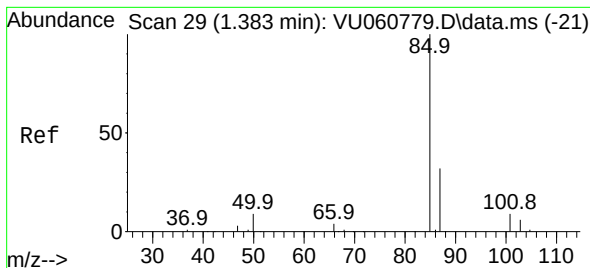
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 Data File : VU060801.D
 Acq On : 16 Sep 2024 23:52
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Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:59:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68764	5.191	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	91852	4.881	ug/L	98
30) Cyclohexane	5.380	56	72545	4.690	ug/L	98
31) Carbon tetrachloride	5.515	117	81952	4.919	ug/L	99
33) Benzene	5.766	78	241827	5.046	ug/L	100
34) Trichloroethene	6.538	95	62303	4.959	ug/L	97
35) Methylcyclohexane	6.756	83	78511	4.555	ug/L	99
37) 1,2-Dichloropropane	6.782	63	67263	5.093	ug/L #	96
38) Bromodichloromethane	7.097	83	79517	4.909	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	84559	4.814	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	321433	52.123	ug/L	100
42) Toluene	7.962	91	267564	5.339	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	71467	4.948	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	48204	5.056	ug/L	97
47) Tetrachloroethene	8.544	164	50170	5.025	ug/L	96
48) 2-Hexanone	8.676	43	244488	54.391	ug/L	99
49) Dibromochloromethane	8.801	129	55564	5.120	ug/L	97
50) 1,2-Dibromoethane	8.914	107	45005	5.289	ug/L #	92
51) Chlorobenzene	9.438	112	167820	4.987	ug/L	98
52) Ethylbenzene	9.563	91	261786	4.962	ug/L	99
53) m,p-Xylene	9.689	106	105727	5.286	ug/L	99
54) o-Xylene	10.094	106	99940	5.063	ug/L	99
55) Styrene	10.107	104	171212	5.146	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	61516	5.173	ug/L	99
59) Bromoform	10.283	173	34100	5.073	ug/L	99
60) Isopropylbenzene	10.476	105	261442	4.946	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41571	4.997	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	196873	4.792	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	195144	4.807	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	131358	4.942	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	129915	4.729	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	124234	4.943	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8082	4.975	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	90226	4.538	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	66168	4.725	ug/L	98
71) Naphthalene	14.081	128	83741	4.533	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	59240	4.896	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 4.987 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.000 min

Lab File: VU060801.D

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Instrument :

MSVOA_U

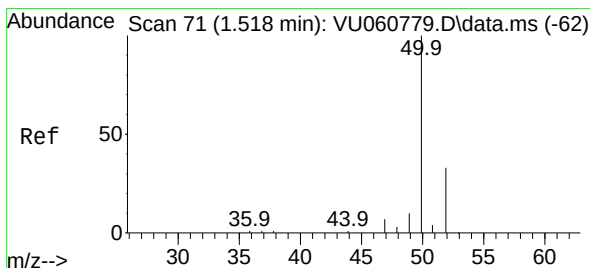
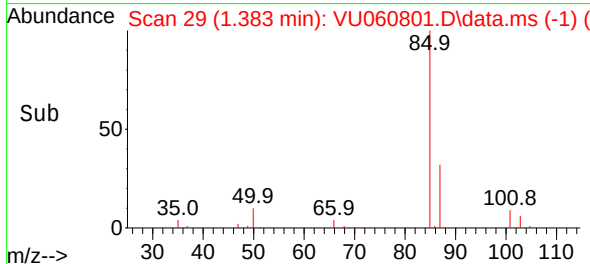
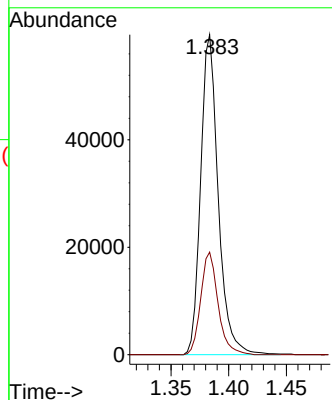
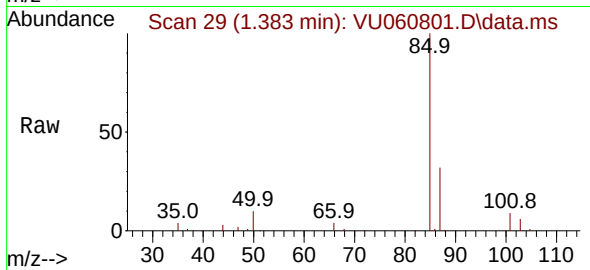
ClientSampleId :

Tgt Ion: 85 Resp: 63061

Ion Ratio Lower Upper

85 100

87 31.6 26.2 39.2



#3

Chloromethane

Concen: 4.839 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU060801.D

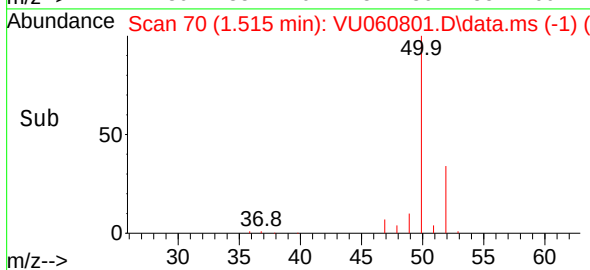
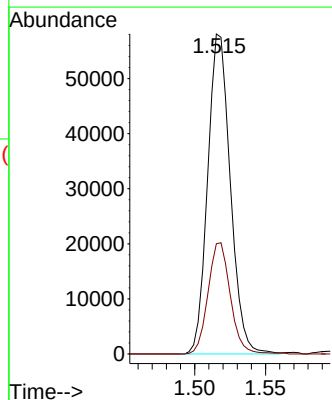
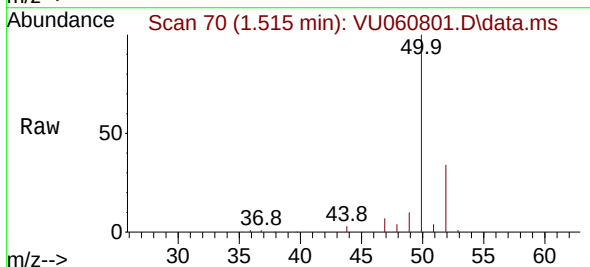
Acq: 16 Sep 2024 23:52

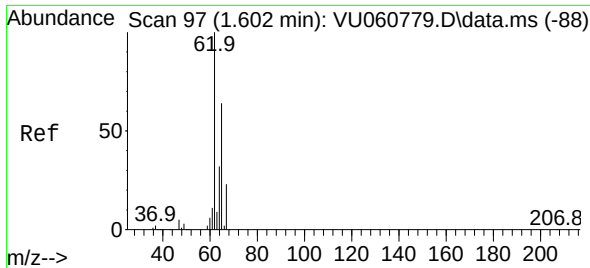
Tgt Ion: 50 Resp: 64642

Ion Ratio Lower Upper

50 100

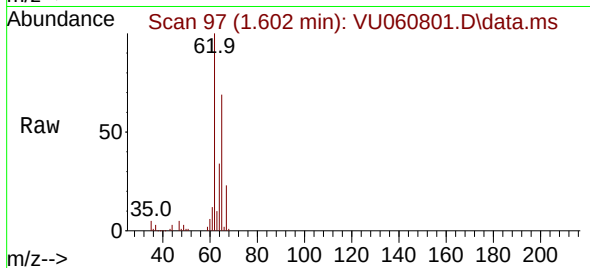
52 34.5 24.4 45.4



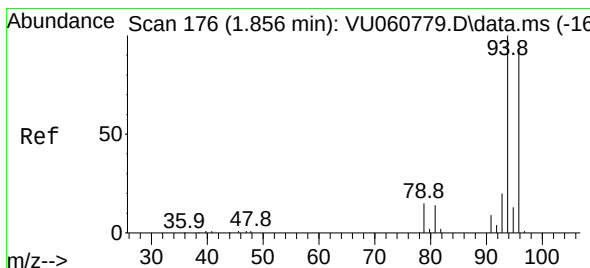
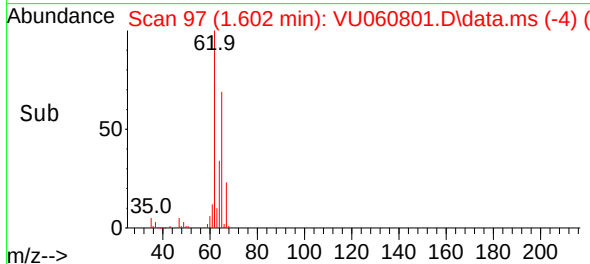
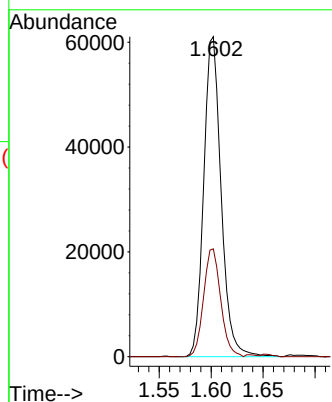


#5
 Vinyl chloride
 Concen: 4.904 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU060801.D
 Acq: 16 Sep 2024 23:52

Instrument :
 MSVOA_U
 ClientSampleId :

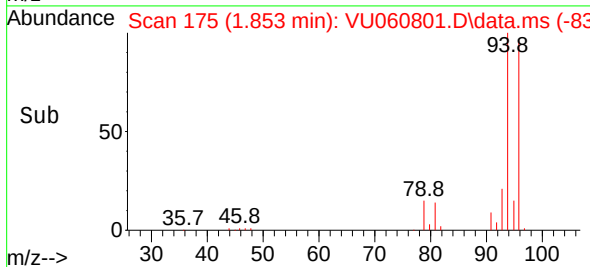
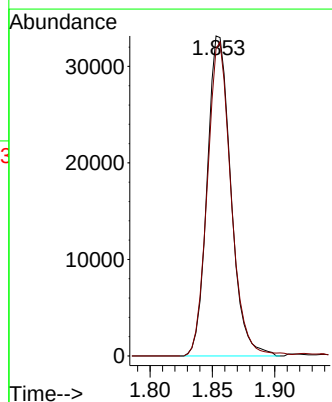
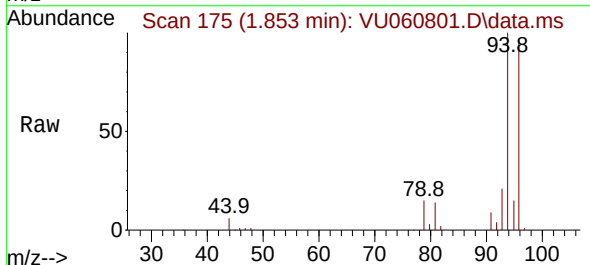


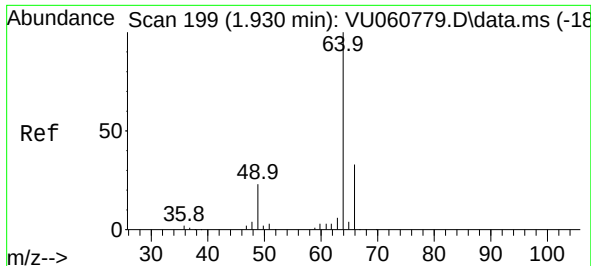
Tgt Ion: 62 Resp: 70903
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.0 44.6



#6
 Bromomethane
 Concen: 4.751 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU060801.D
 Acq: 16 Sep 2024 23:52

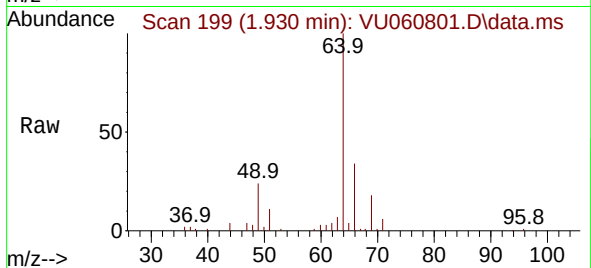
Tgt Ion: 94 Resp: 43898
 Ion Ratio Lower Upper
 94 100
 96 96.0 67.3 124.9



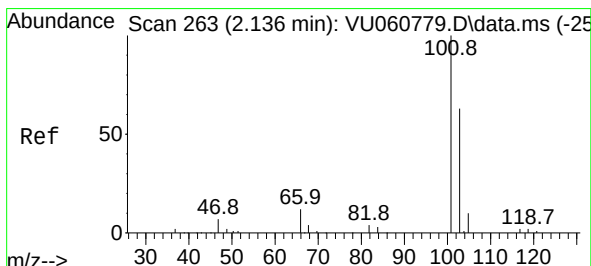
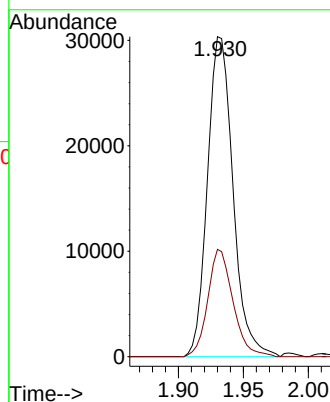
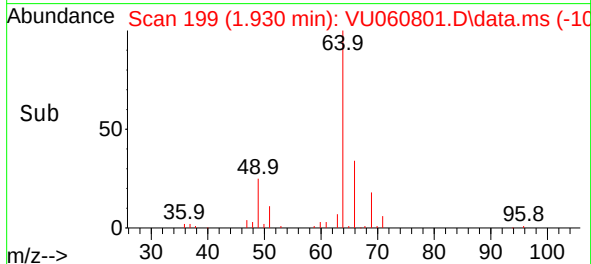


#8
Chloroethane
Concen: 4.704 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Instrument :
MSVOA_U
ClientSampleId :

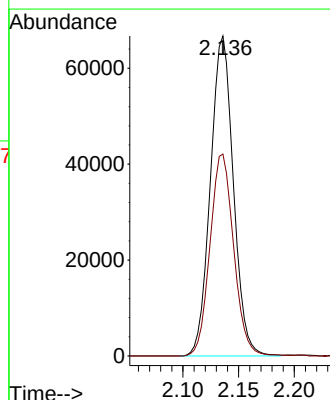
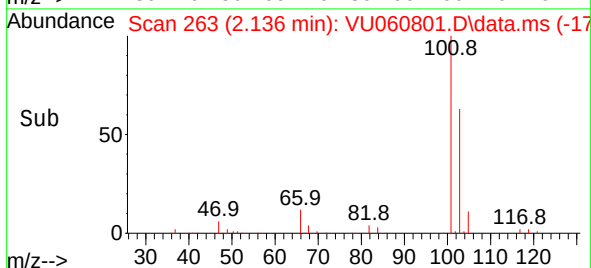
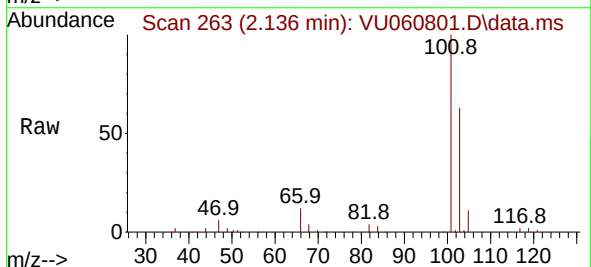


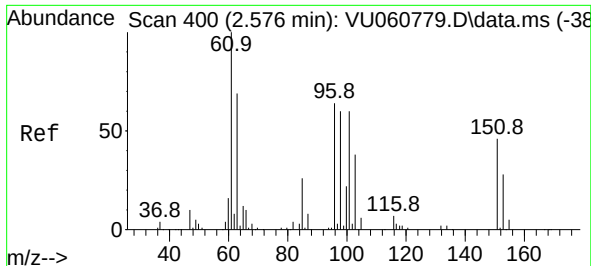
Tgt Ion: 64 Resp: 41553
Ion Ratio Lower Upper
64 100
66 33.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.822 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion:101 Resp: 95746
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

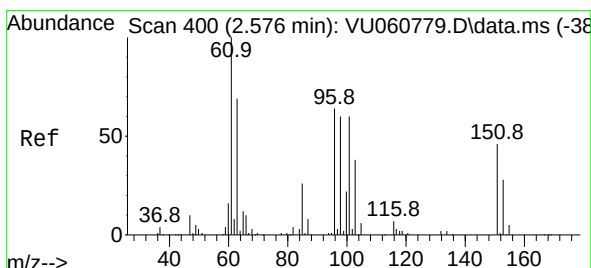
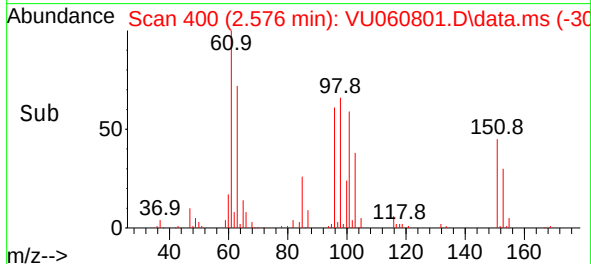
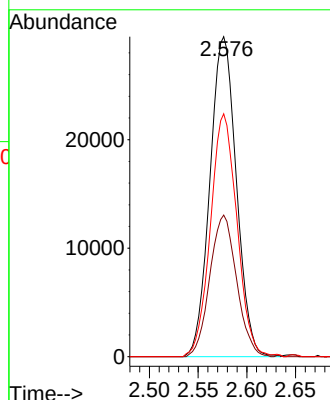
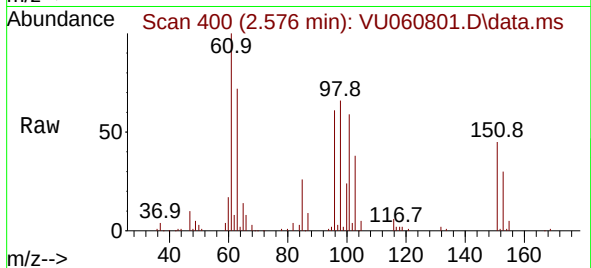




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.825 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

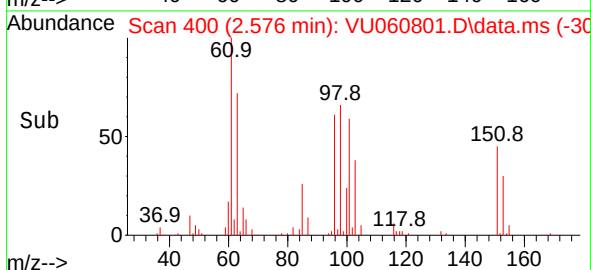
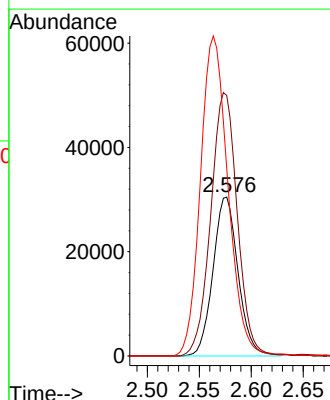
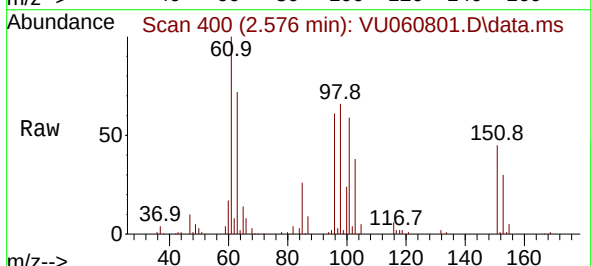
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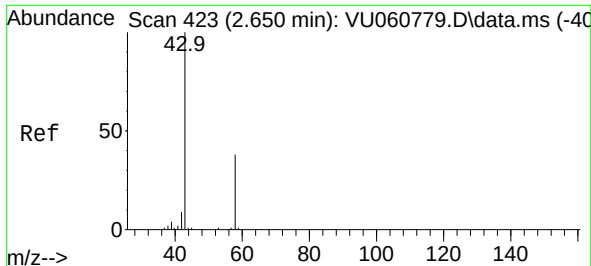
Tgt Ion:101 Resp: 55677
Ion Ratio Lower Upper
101 100
85 44.8 34.2 51.4
151 76.2 58.6 88.0



#12
1,1-Dichloroethene
Concen: 4.842 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion: 96 Resp: 51027
Ion Ratio Lower Upper
96 100
61 164.0 120.7 224.1
63 117.8 90.0 167.2

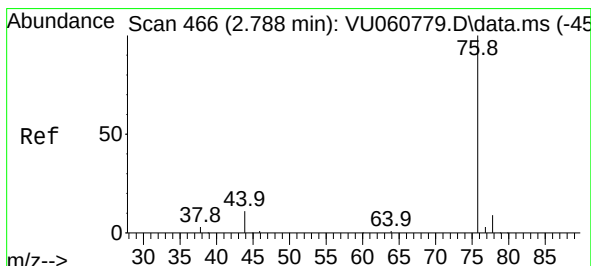
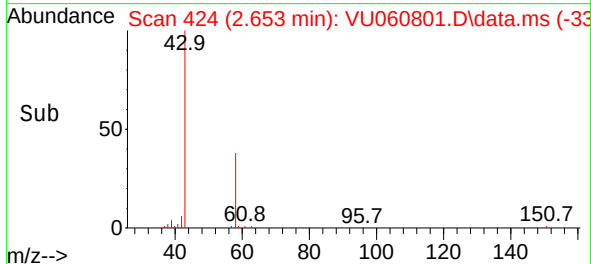
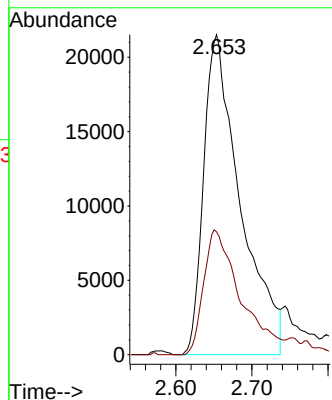
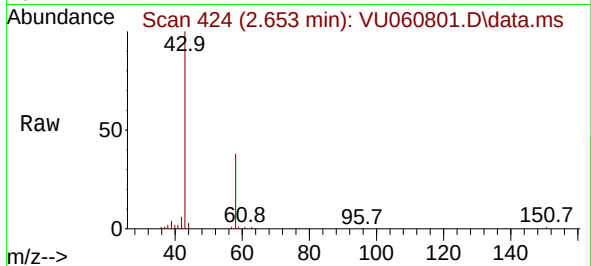




#13
Acetone
Concen: 44.630 ug/L
RT: 2.653 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

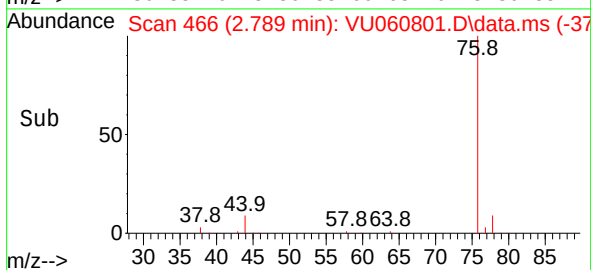
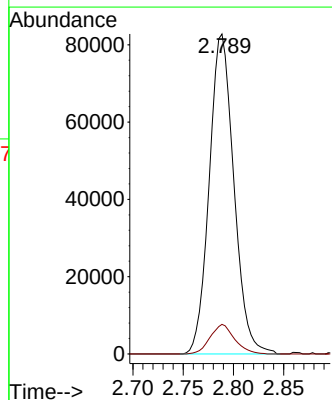
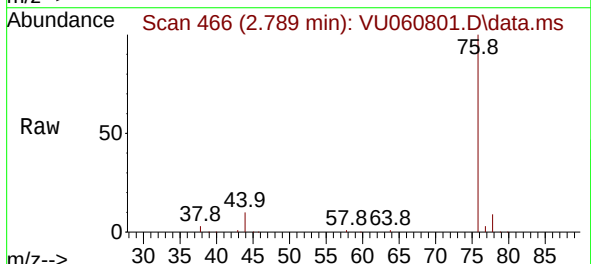
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MSVOA_U
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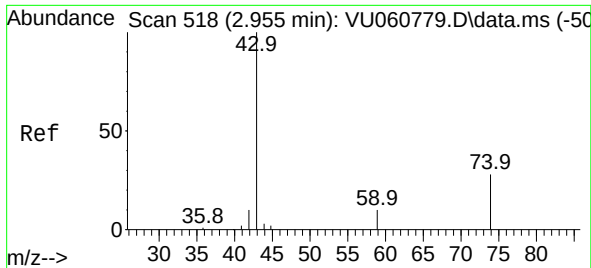
Tgt Ion: 43 Resp: 72021
Ion Ratio Lower Upper
43 100
58 39.5 0.0 69.6



#14
Carbon disulfide
Concen: 4.832 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

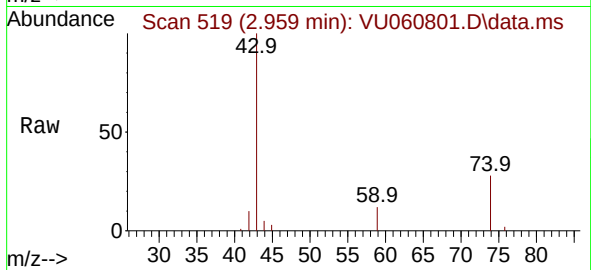
Tgt Ion: 76 Resp: 141251
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



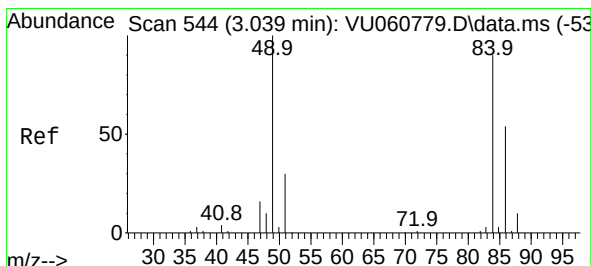
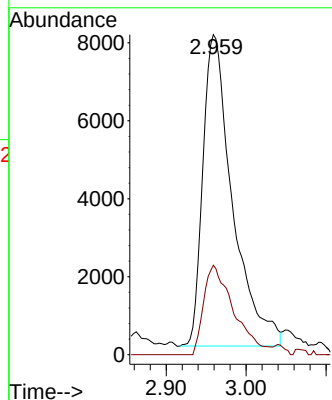
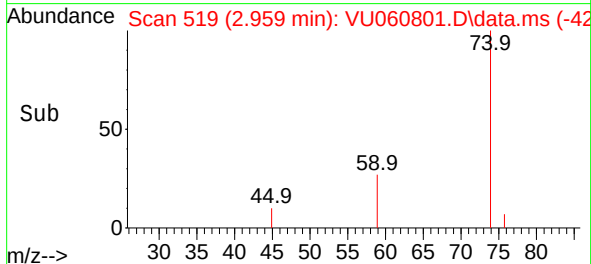


#15
Methyl Acetate
Concen: 5.237 ug/L
RT: 2.959 min Scan# 518
Delta R.T. 0.004 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Instrument :
MSVOA_U
ClientSampleId :

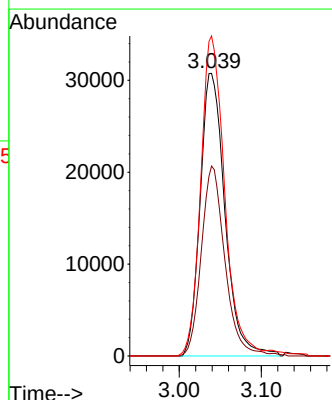
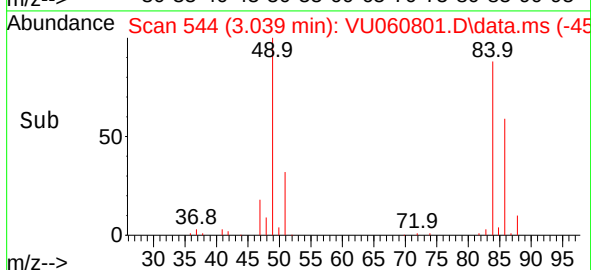
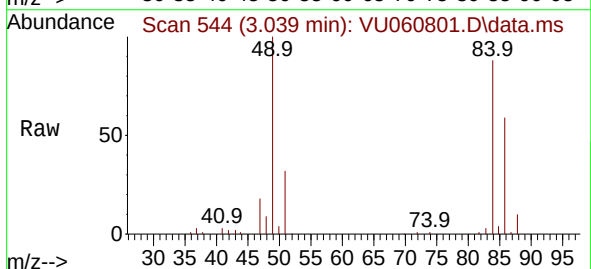


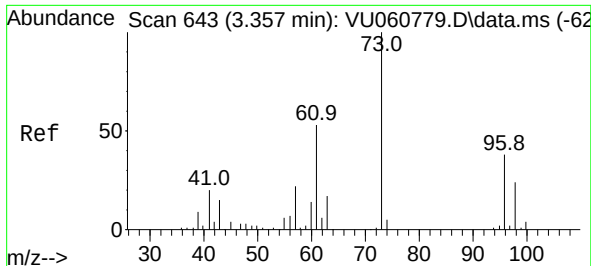
Tgt Ion: 43 Resp: 20604
Ion Ratio Lower Upper
43 100
74 29.4 18.9 28.3#



#16
Methylene chloride
Concen: 5.285 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion: 84 Resp: 64490
Ion Ratio Lower Upper
84 100
86 67.2 47.3 87.8
49 113.2 78.7 146.1

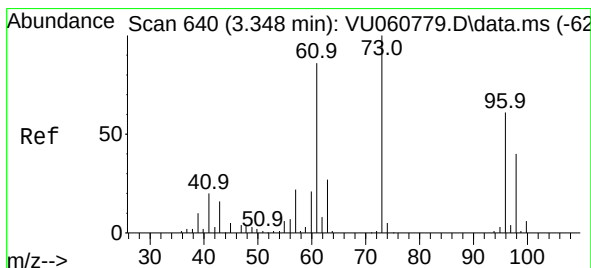
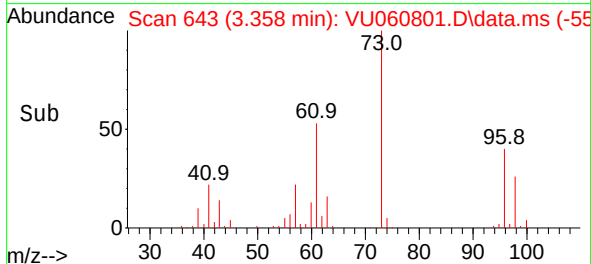
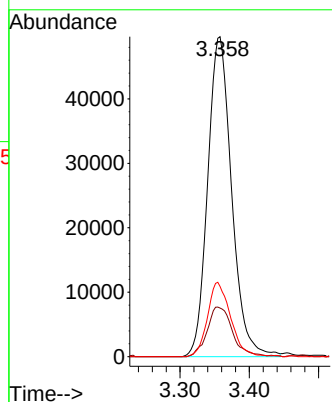
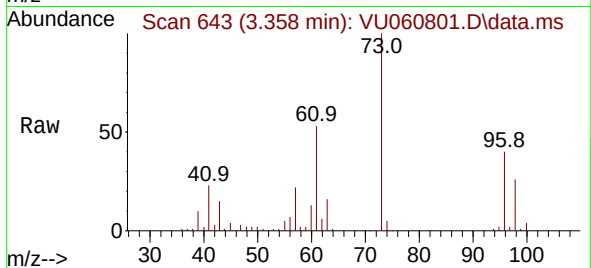




#17
Methyl tert-butyl Ether
Concen: 5.009 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

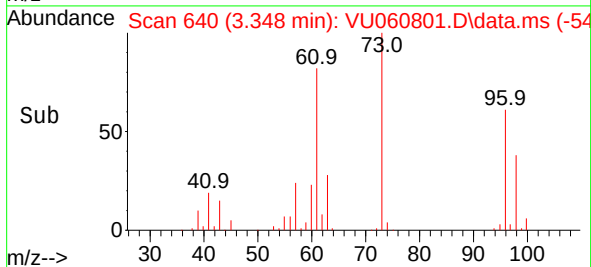
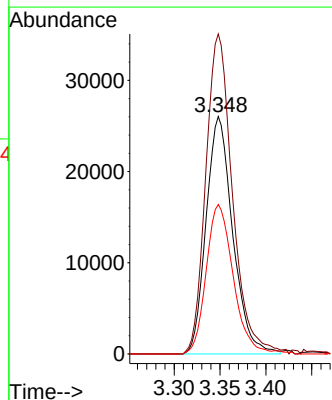
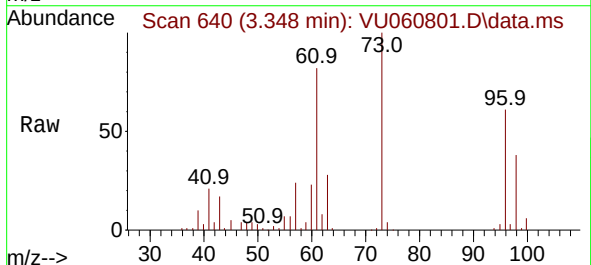
Instrument :
MSVOA_U
ClientSampleId :

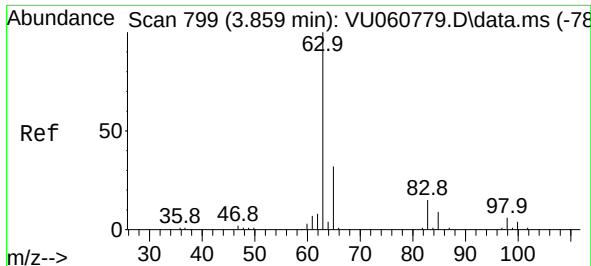
Tgt Ion:	73	Resp:	119298
Ion	Ratio	Lower	Upper
73	100		
43	16.4	13.8	20.8
57	22.4	18.0	27.0



#18
trans-1,2-Dichloroethene
Concen: 4.823 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion:	96	Resp:	52660
Ion	Ratio	Lower	Upper
96	100		
61	134.8	97.2	180.6
98	62.9	43.3	80.5

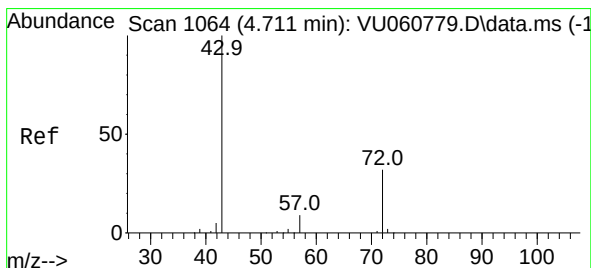
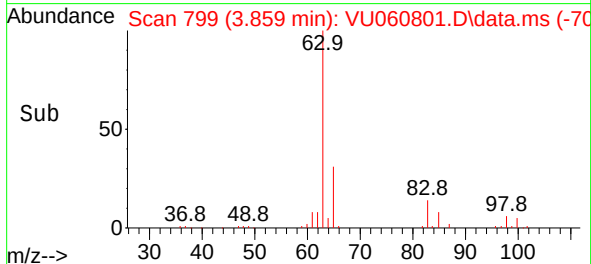
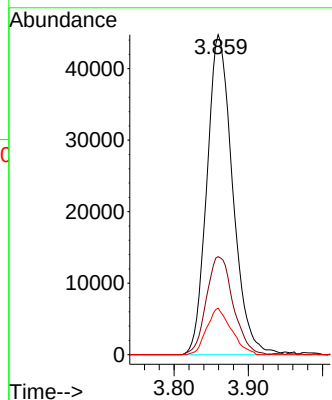
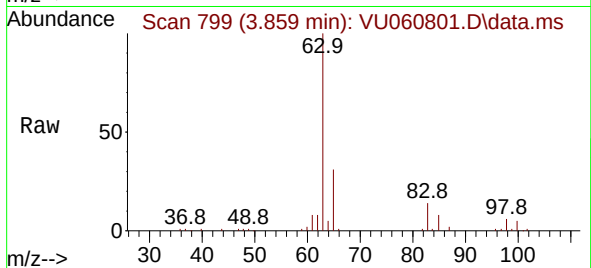




#19
1,1-Dichloroethane
Concen: 4.909 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

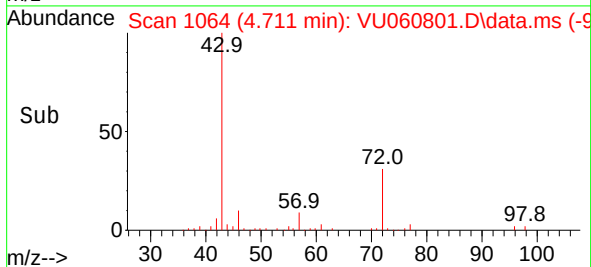
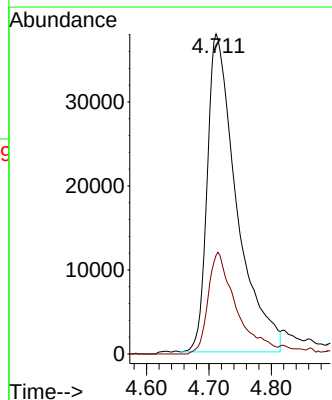
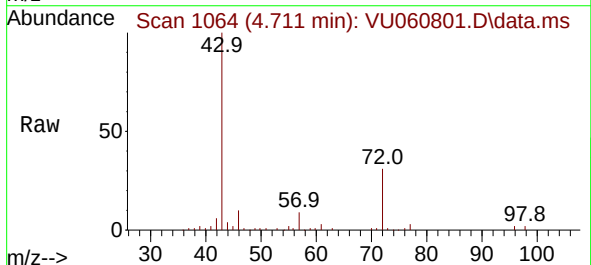
Instrument :
MSVOA_U
ClientSampleId :

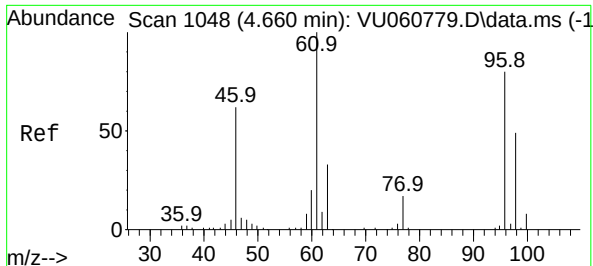
Tgt Ion: 63 Resp: 107618
Ion Ratio Lower Upper
63 100
65 30.7 23.0 42.8
83 14.5 9.0 16.6



#21
2-Butanone
Concen: 47.197 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion: 43 Resp: 123983
Ion Ratio Lower Upper
43 100
72 30.7 14.8 44.3

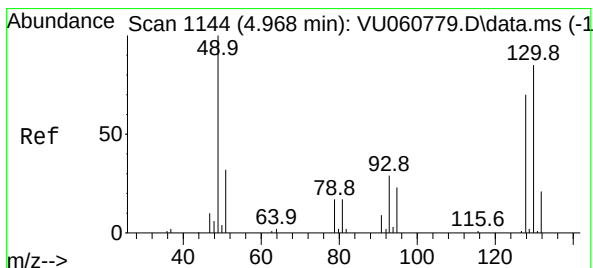
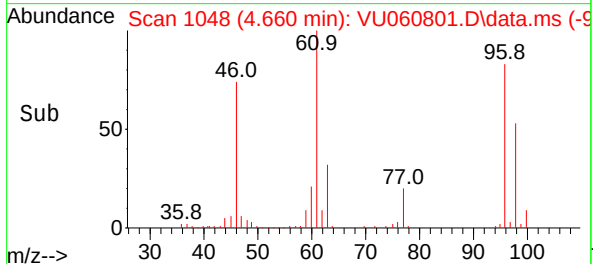
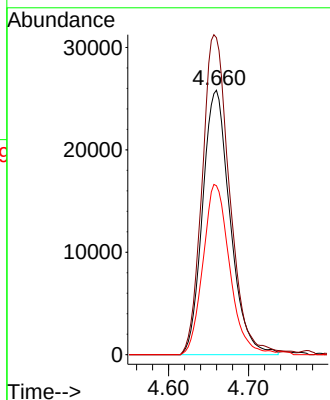
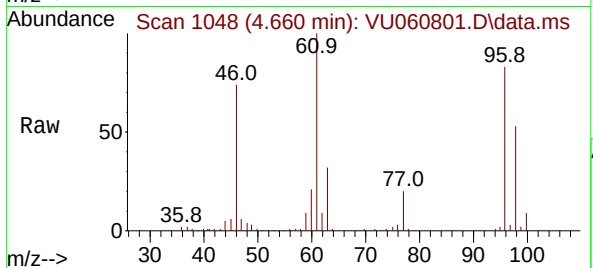




#22
 cis-1,2-Dichloroethene
 Concen: 5.108 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060801.D
 Acq: 16 Sep 2024 23:52

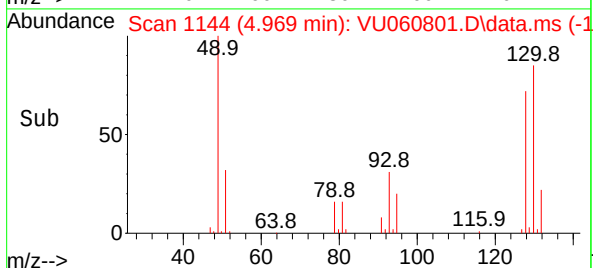
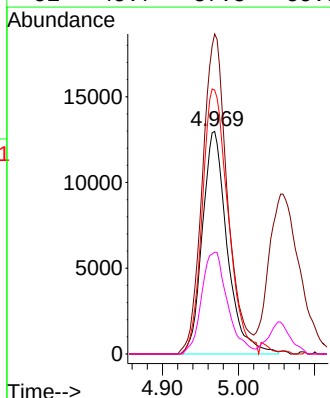
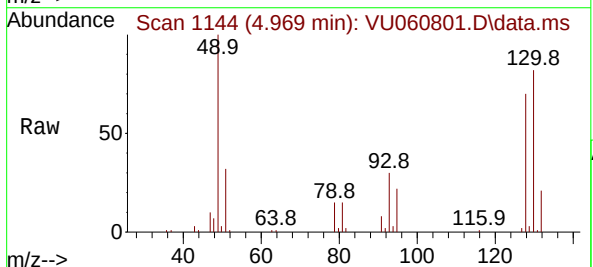
Instrument :
 MSVOA_U
 ClientSampleId :

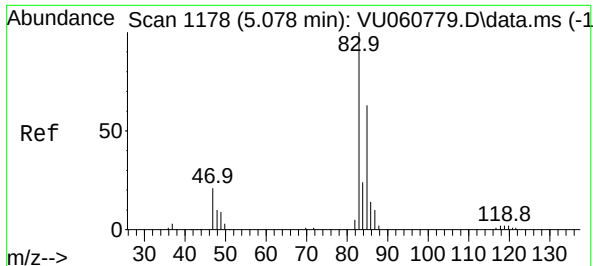
Tgt Ion:	96	Resp:	61730
Ion	Ratio	Lower	Upper
96	100		
61	119.9	89.7	166.5
98	63.9	45.1	83.9



#23
 Bromochloromethane
 Concen: 5.144 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060801.D
 Acq: 16 Sep 2024 23:52

Tgt Ion:	128	Resp:	29361
Ion	Ratio	Lower	Upper
128	100		
49	148.6	109.6	203.6
130	118.5	87.8	163.0
51	45.7	37.3	55.9





#25

Chloroform

Concen: 4.912 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060801.D

Acq: 16 Sep 2024 23:52

Instrument :

MSVOA_U

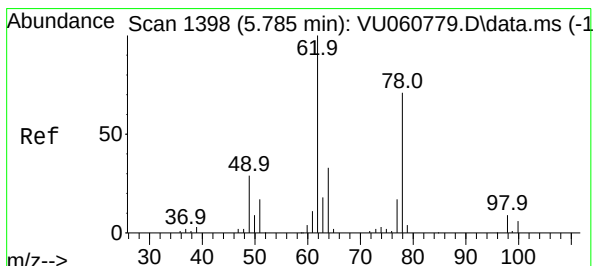
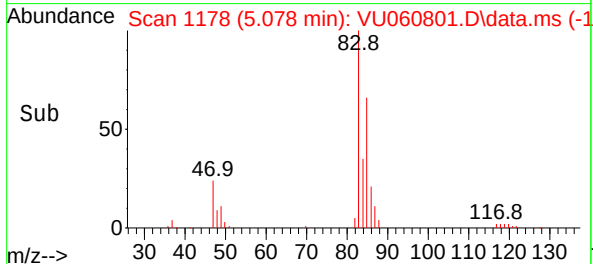
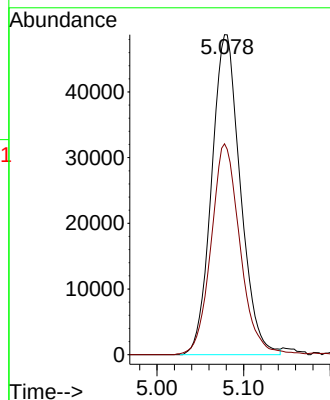
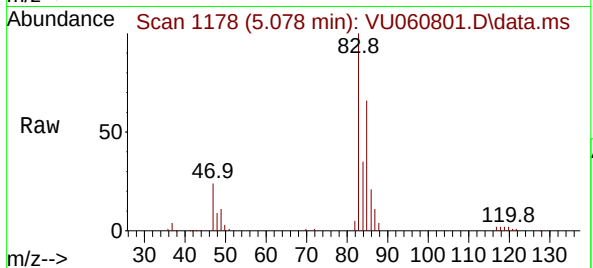
ClientSampleId :

Tgt Ion: 83 Resp: 112276

Ion Ratio Lower Upper

83 100

85 65.9 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.191 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU060801.D

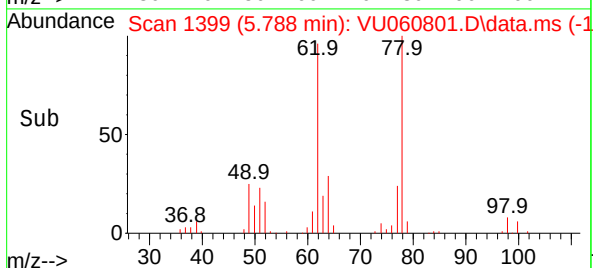
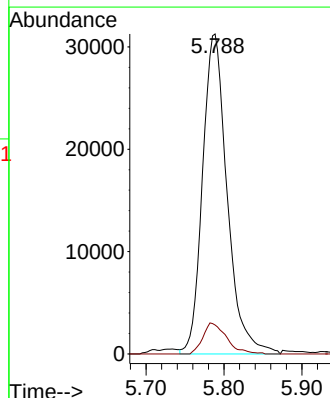
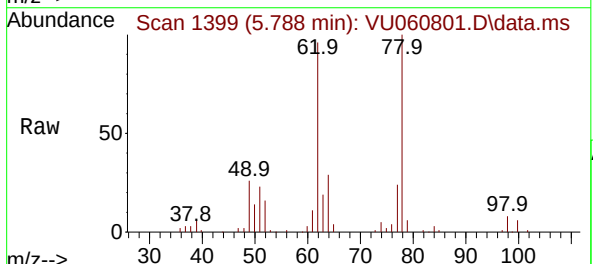
Acq: 16 Sep 2024 23:52

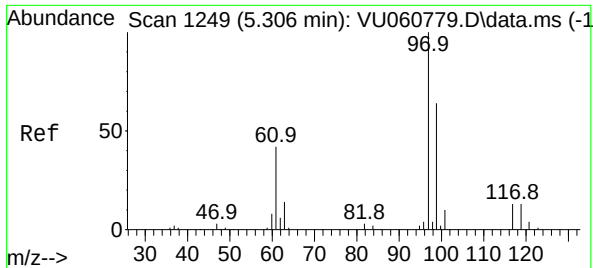
Tgt Ion: 62 Resp: 68764

Ion Ratio Lower Upper

62 100

98 9.0 8.2 12.4

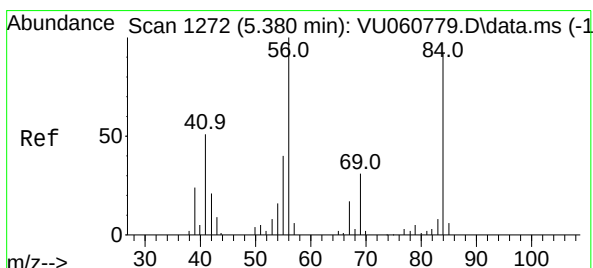
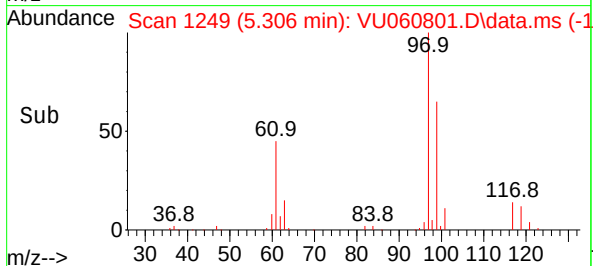
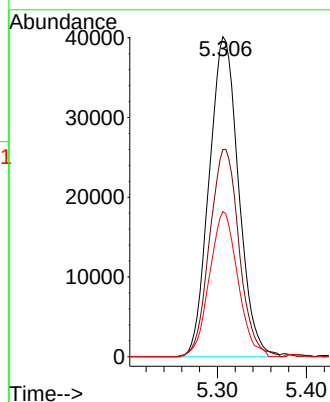
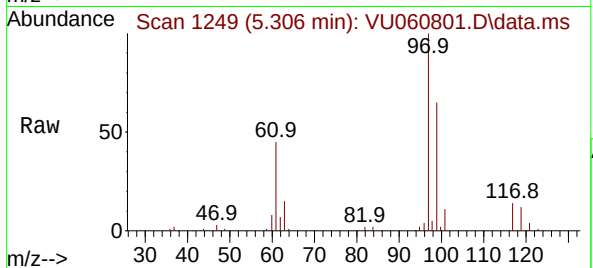




#29
1,1,1-Trichloroethane
Concen: 4.881 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

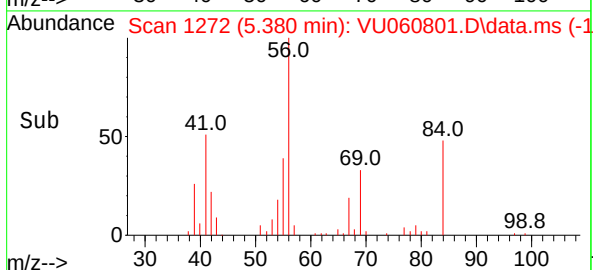
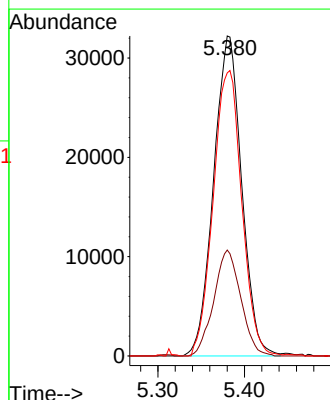
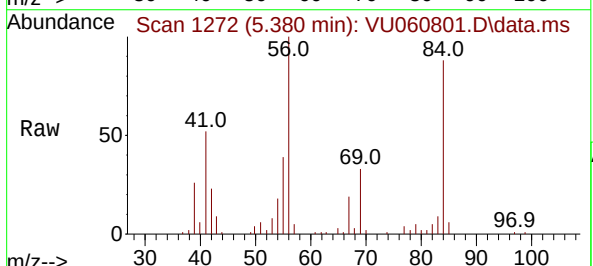
Instrument :
MSVOA_U
ClientSampleId :

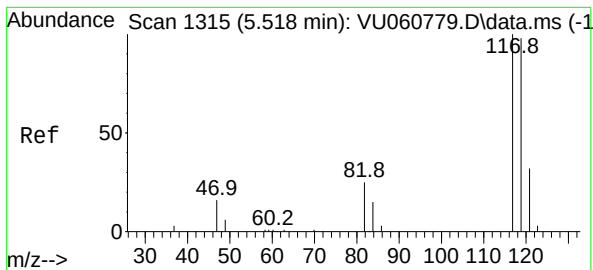
Tgt Ion:	97	Resp:	91852
Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.5	75.7
61	43.8	34.4	51.6



#30
Cyclohexane
Concen: 4.690 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion:	56	Resp:	72545
Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.4	38.0
84	90.9	71.0	106.6





#31

Carbon tetrachloride

Concen: 4.919 ug/L

RT: 5.515 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU060801.D

Acq: 16 Sep 2024 23:52

Instrument :

MSVOA_U

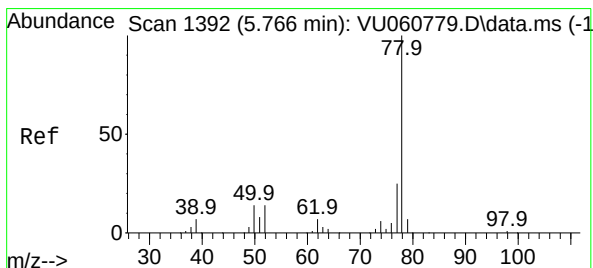
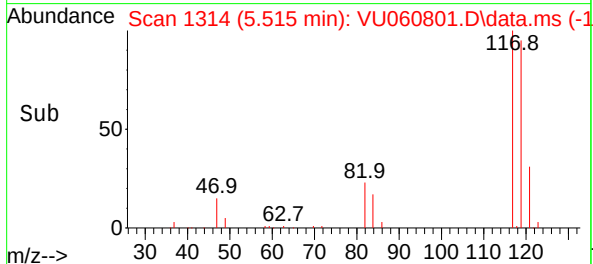
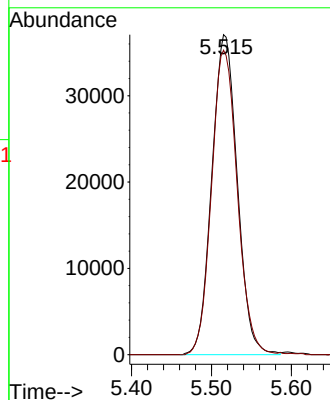
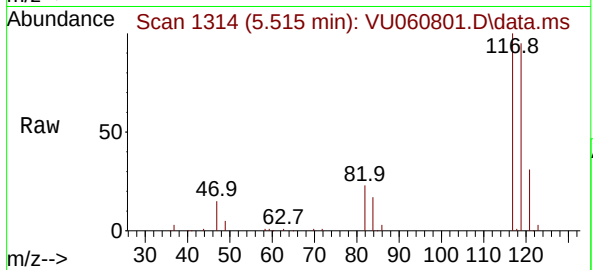
ClientSampleId :

Tgt Ion:117 Resp: 81952

Ion Ratio Lower Upper

117 100

119 96.4 76.3 114.5



#33

Benzene

Concen: 5.046 ug/L

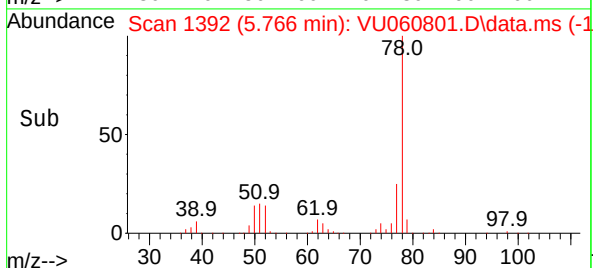
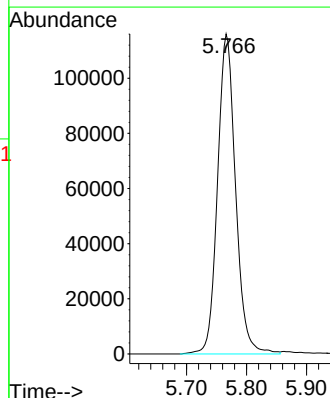
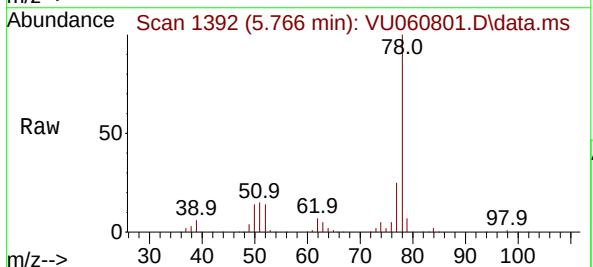
RT: 5.766 min Scan# 1392

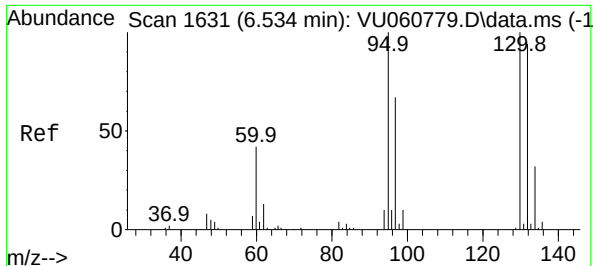
Delta R.T. 0.000 min

Lab File: VU060801.D

Acq: 16 Sep 2024 23:52

Tgt Ion: 78 Resp: 241827

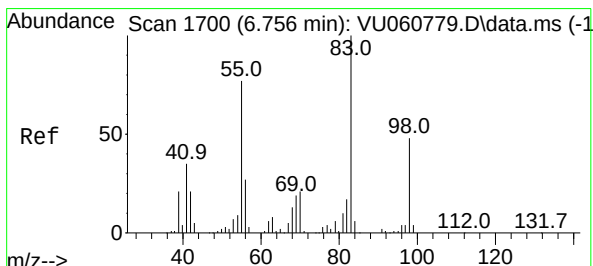
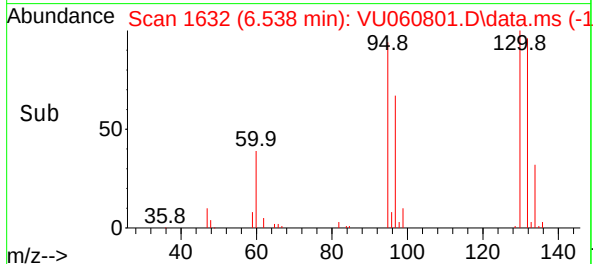
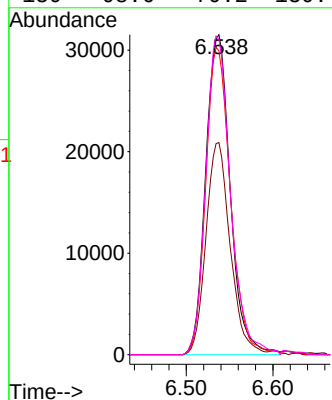
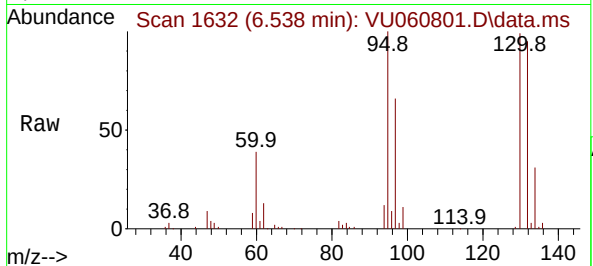




#34
Trichloroethene
Concen: 4.959 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

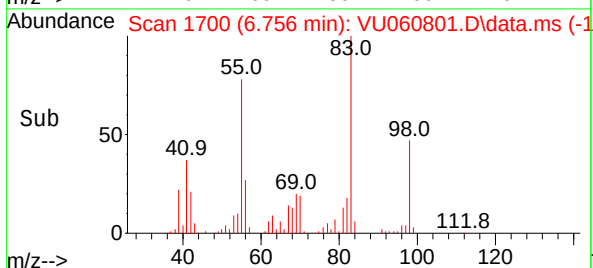
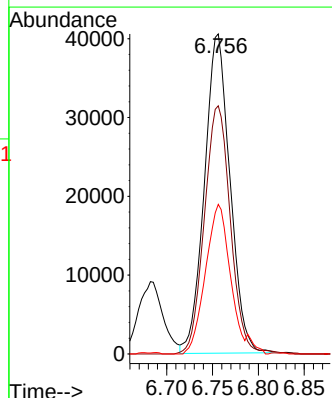
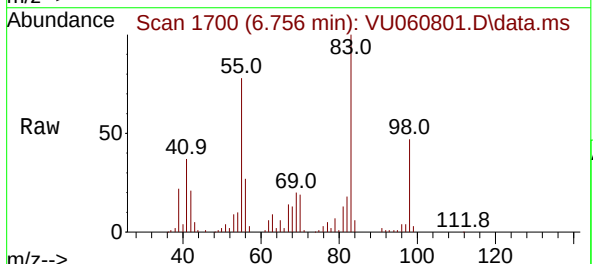
Instrument :
MSVOA_U
ClientSampleId :

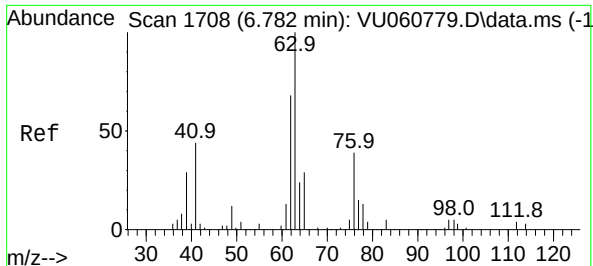
Tgt Ion: 95 Resp: 62303
Ion Ratio Lower Upper
95 100
97 66.3 44.9 83.5
132 95.0 63.5 117.9
130 98.6 70.2 130.4



#35
Methylcyclohexane
Concen: 4.555 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion: 83 Resp: 78511
Ion Ratio Lower Upper
83 100
55 79.3 62.6 94.0
98 46.6 37.6 56.4

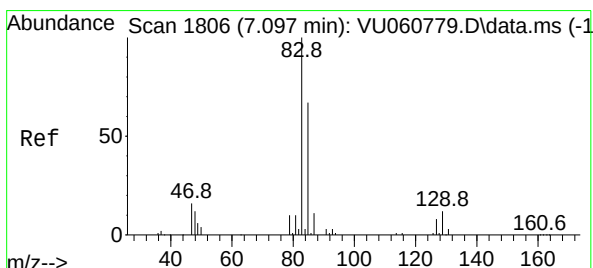
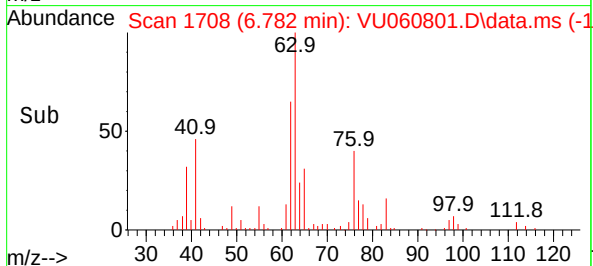
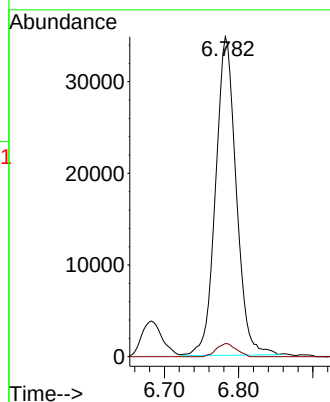
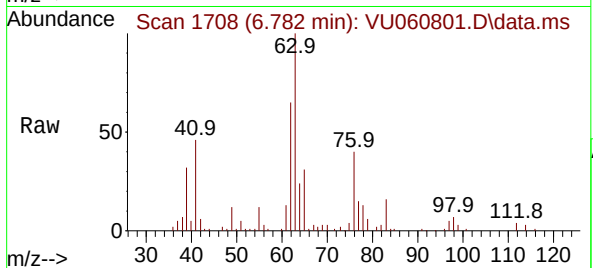




#37
1,2-Dichloropropane
Concen: 5.093 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

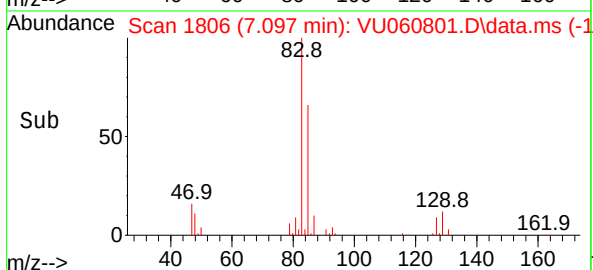
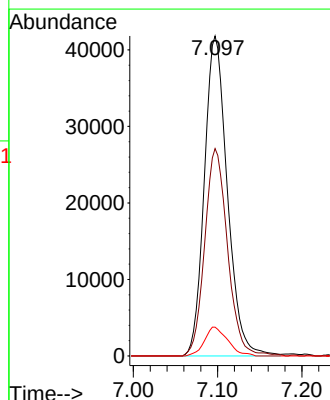
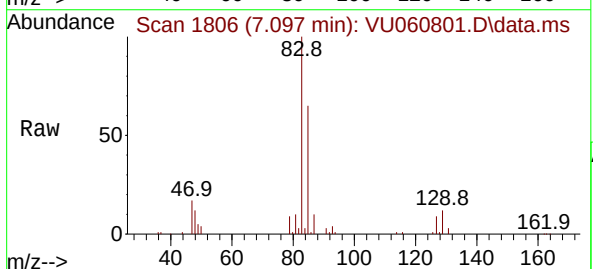
Instrument :
MSVOA_U
ClientSampleId :

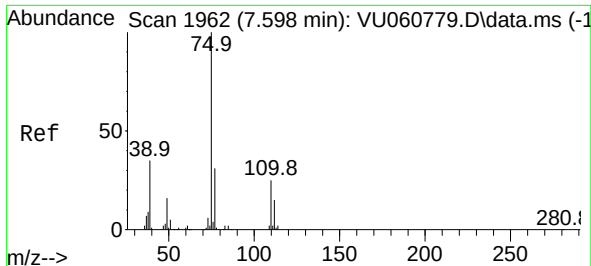
Tgt Ion: 63 Resp: 67263
Ion Ratio Lower Upper
63 100
112 4.0 2.0 3.0#



#38
Bromodichloromethane
Concen: 4.909 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion: 83 Resp: 79517
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.8
127 9.0 7.0 10.6

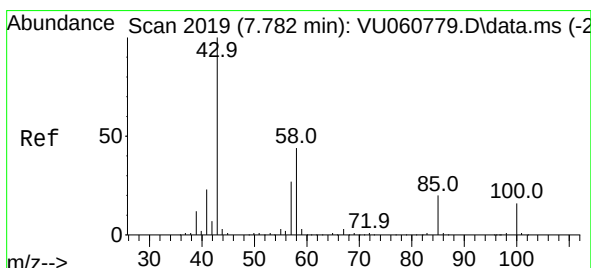
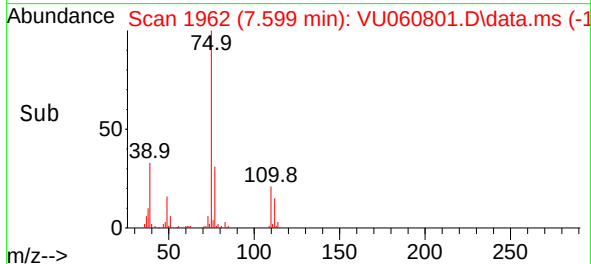
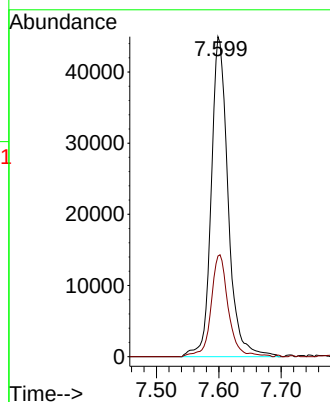
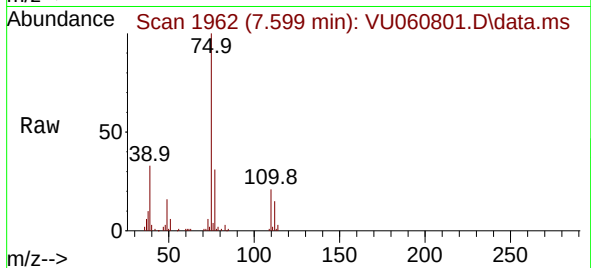




#39
 cis-1,3-Dichloropropene
 Concen: 4.814 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU060801.D
 Acq: 16 Sep 2024 23:52

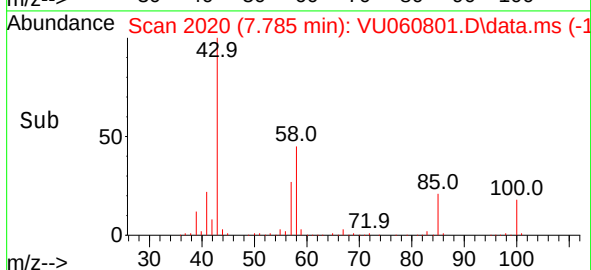
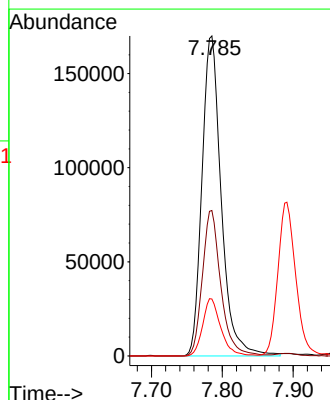
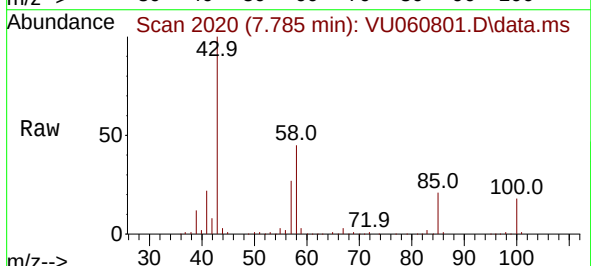
Instrument :
 MSVOA_U
 ClientSampleId :

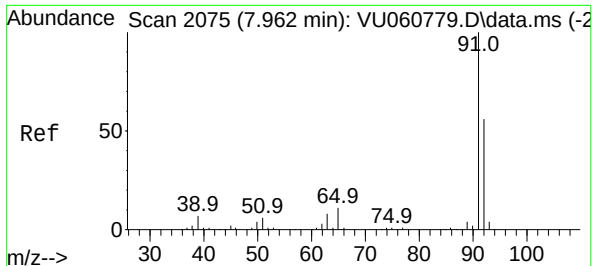
Tgt Ion: 75 Resp: 84559
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 52.123 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU060801.D
 Acq: 16 Sep 2024 23:52

Tgt Ion: 43 Resp: 321433
 Ion Ratio Lower Upper
 43 100
 58 43.6 34.9 52.3
 100 16.9 13.4 20.0





#42

Toluene

Concen: 5.339 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060801.D

Acq: 16 Sep 2024 23:52

Instrument :

MSVOA_U

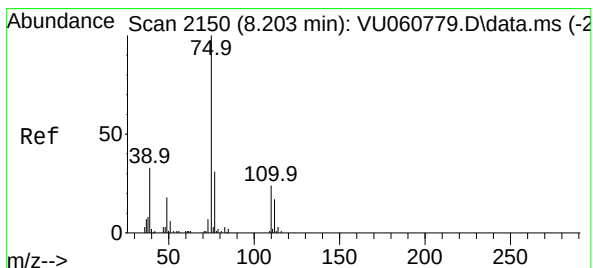
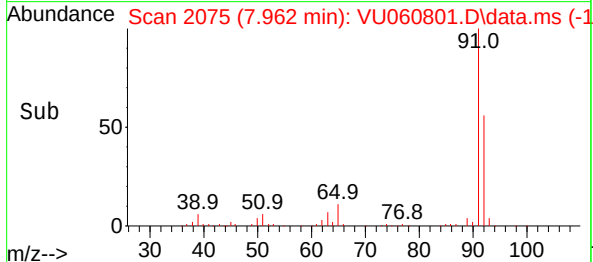
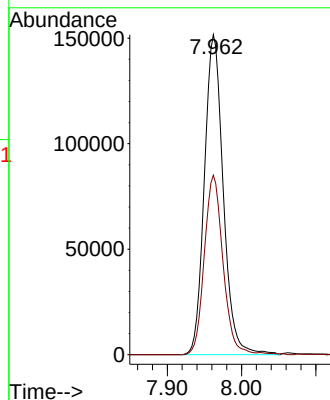
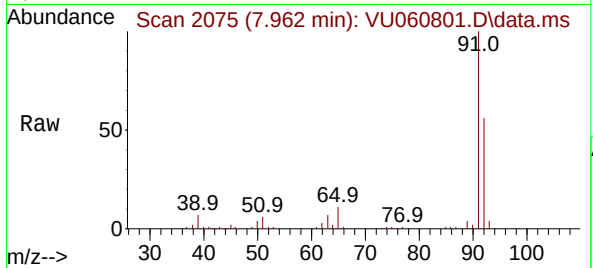
ClientSampleId :

Tgt Ion: 91 Resp: 267564

Ion Ratio Lower Upper

91 100

92 56.1 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.948 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU060801.D

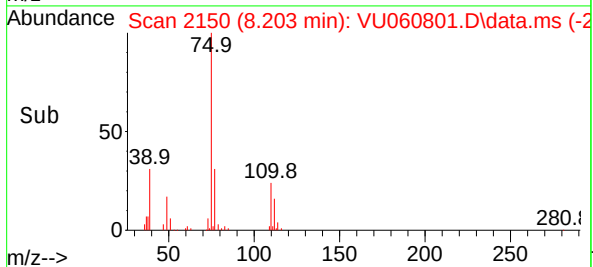
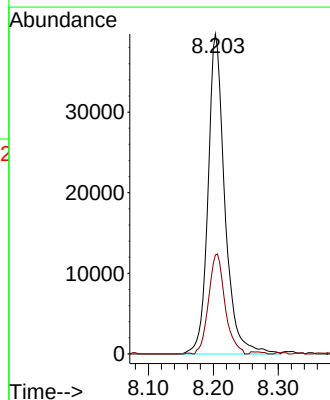
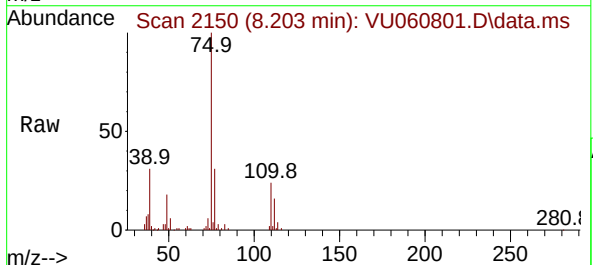
Acq: 16 Sep 2024 23:52

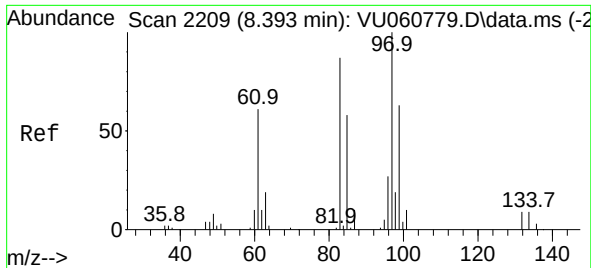
Tgt Ion: 75 Resp: 71467

Ion Ratio Lower Upper

75 100

77 30.9 23.1 42.9

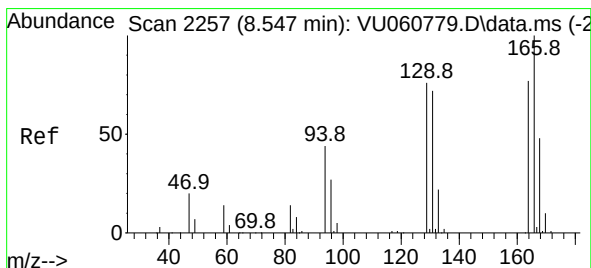
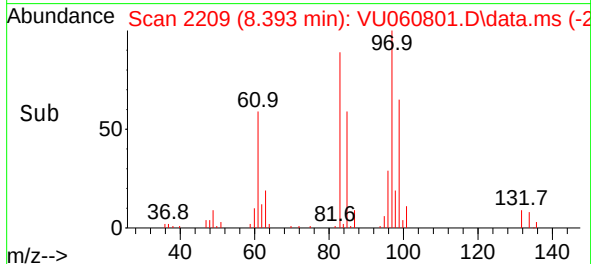
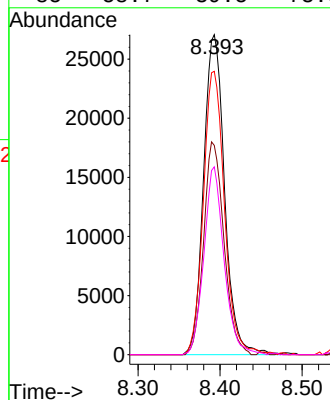
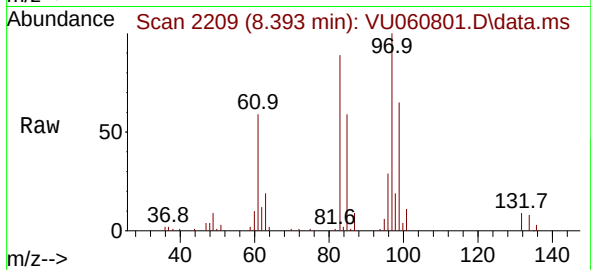




#45
1,1,2-Trichloroethane
Concen: 5.056 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

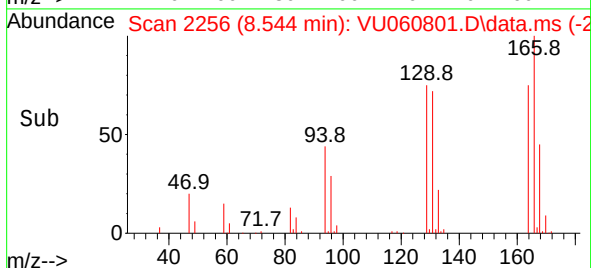
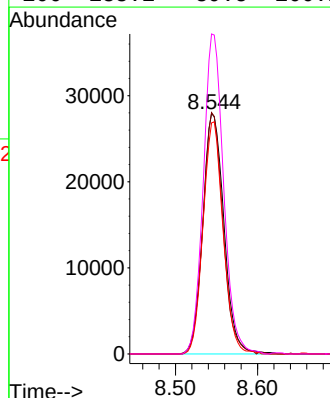
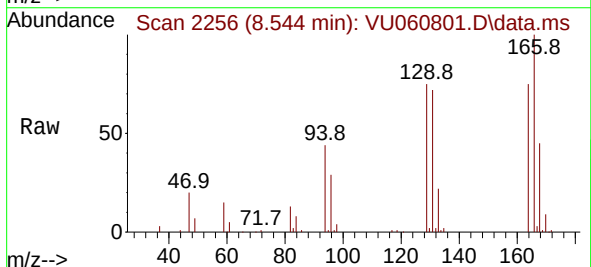
Instrument :
MSVOA_U
ClientSampleId :

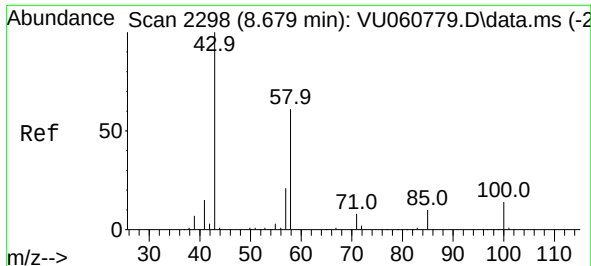
Tgt Ion:	97	Resp:	48204
Ion	Ratio	Lower	Upper
97	100		
99	65.4	42.3	78.5
83	88.6	61.7	114.5
85	58.7	39.5	73.3



#47
Tetrachloroethene
Concen: 5.025 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion:	164	Resp:	50170
Ion	Ratio	Lower	Upper
164	100		
129	100.4	67.3	124.9
131	96.1	65.4	121.4
166	133.1	89.5	166.1





#48

2-Hexanone

Concen: 54.391 ug/L

RT: 8.676 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU060801.D

Acq: 16 Sep 2024 23:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 244488

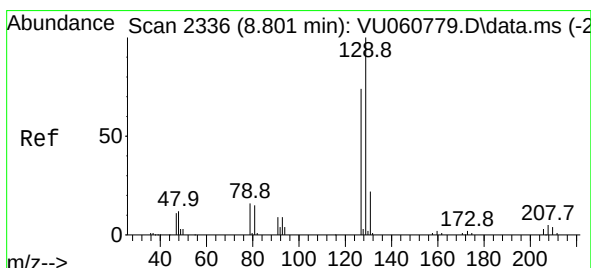
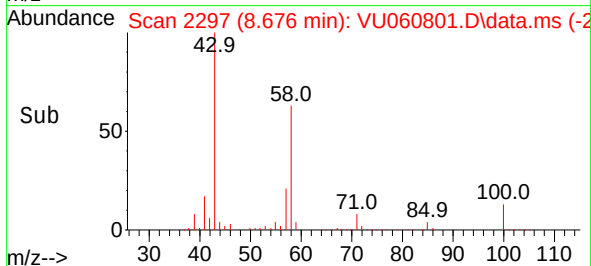
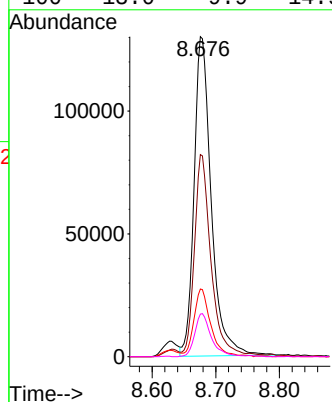
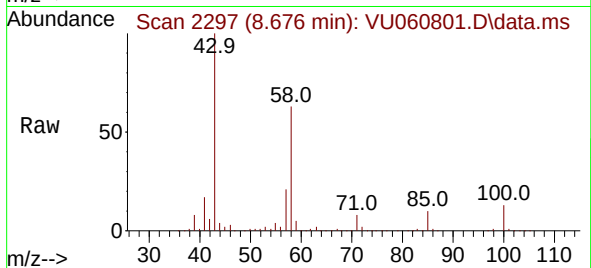
Ion Ratio Lower Upper

43 100

58 60.1 48.3 72.5

57 20.8 15.9 23.9

100 13.0 9.9 14.9



#49

Dibromochloromethane

Concen: 5.120 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU060801.D

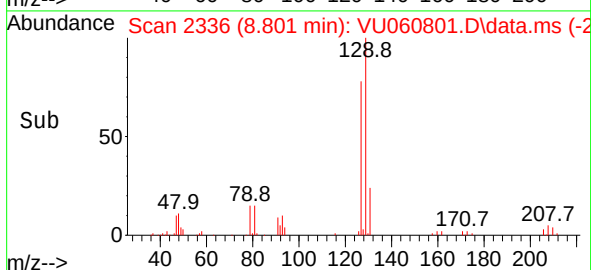
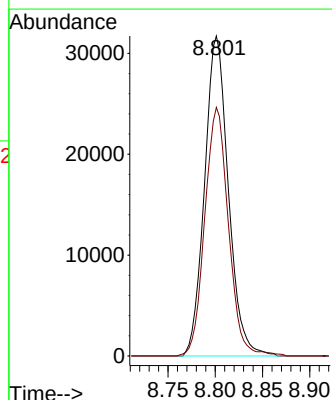
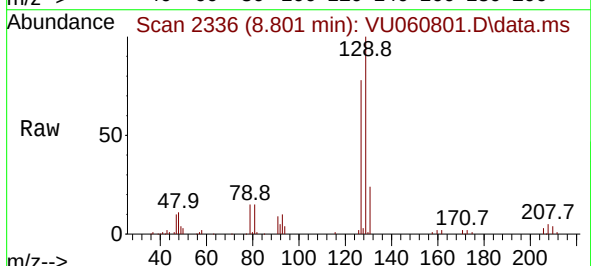
Acq: 16 Sep 2024 23:52

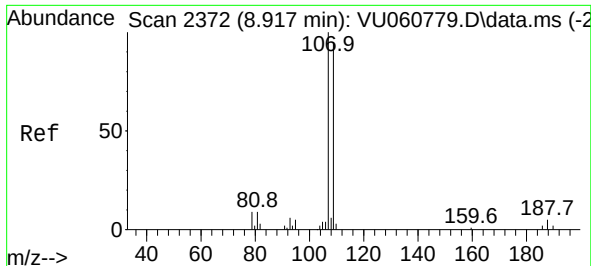
Tgt Ion:129 Resp: 55564

Ion Ratio Lower Upper

129 100

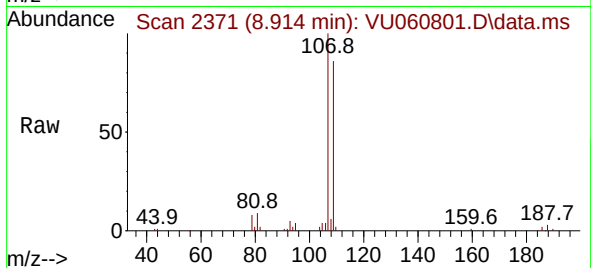
127 77.7 56.1 104.1



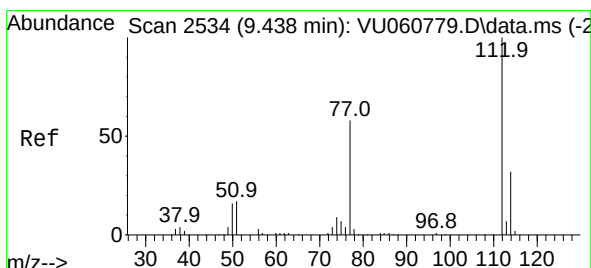
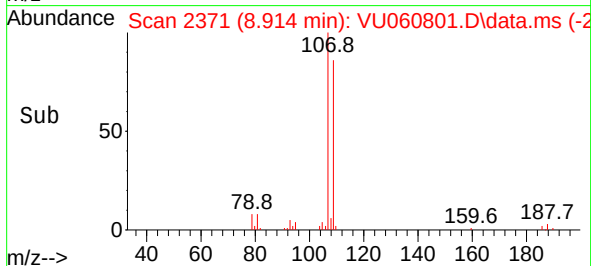
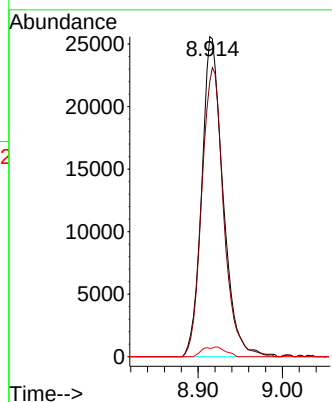


#50
1,2-Dibromoethane
Concen: 5.289 ug/L
RT: 8.914 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Instrument :
MSVOA_U
ClientSampleId :

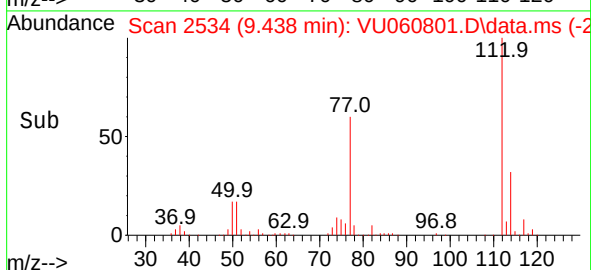
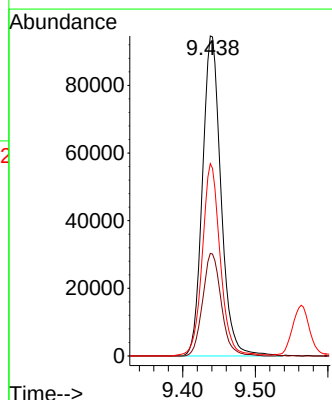
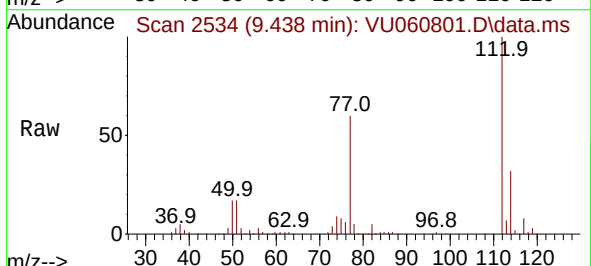


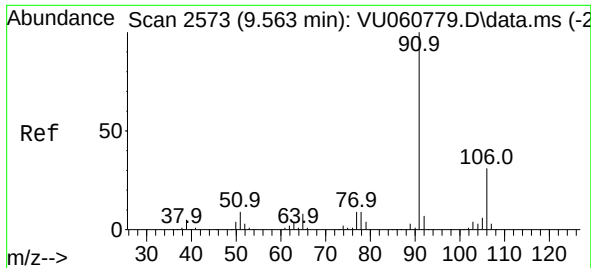
Tgt Ion:107 Resp: 45005
Ion Ratio Lower Upper
107 100
109 87.5 66.8 124.0
188 2.6 3.4 5.0#



#51
Chlorobenzene
Concen: 4.987 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion:112 Resp: 167820
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 60.1 46.1 69.1





#52

Ethylbenzene

Concen: 4.962 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060801.D

Acq: 16 Sep 2024 23:52

Instrument :

MSVOA_U

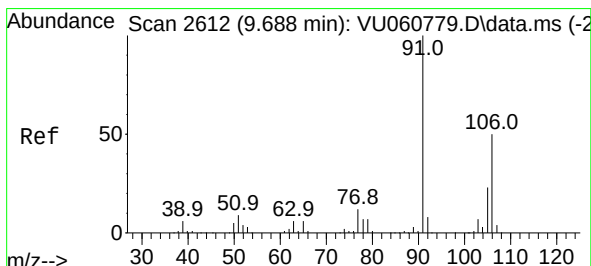
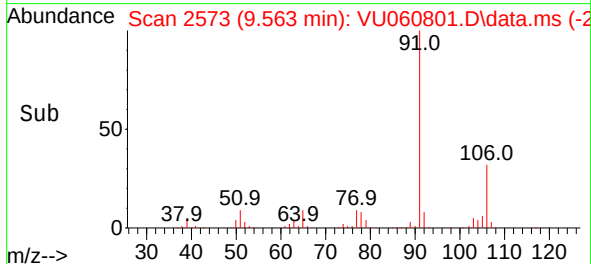
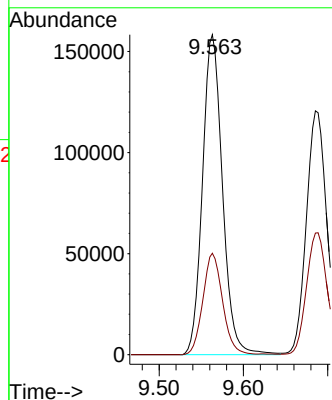
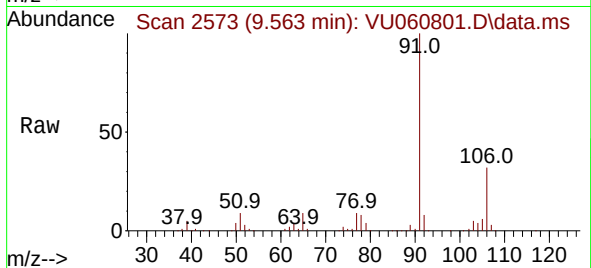
ClientSampleId :

Tgt Ion: 91 Resp: 261786

Ion Ratio Lower Upper

91 100

106 31.7 21.8 40.6



#53

m,p-Xylene

Concen: 5.286 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060801.D

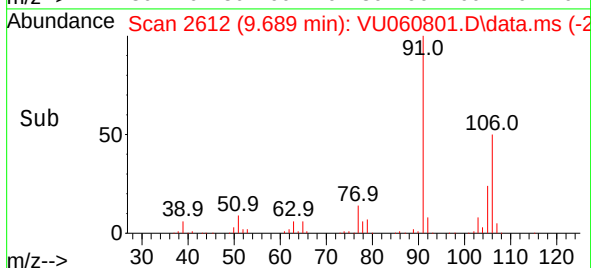
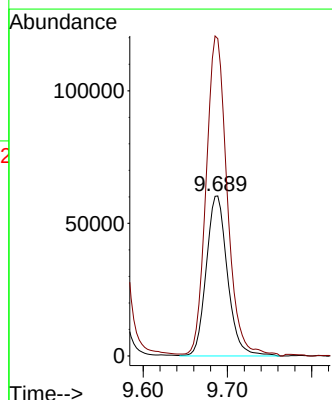
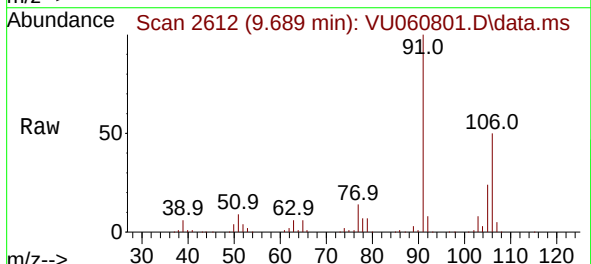
Acq: 16 Sep 2024 23:52

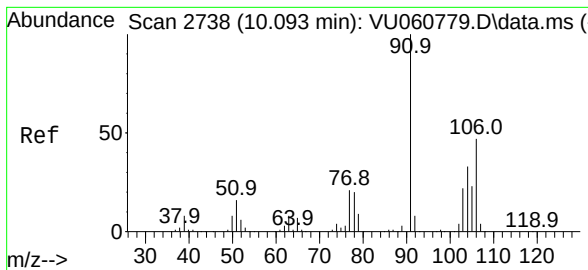
Tgt Ion:106 Resp: 105727

Ion Ratio Lower Upper

106 100

91 198.4 139.7 259.4

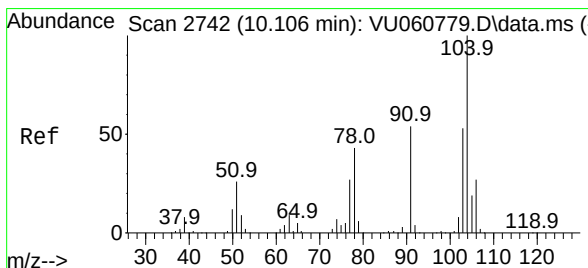
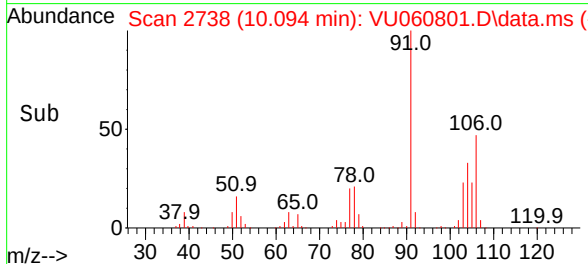
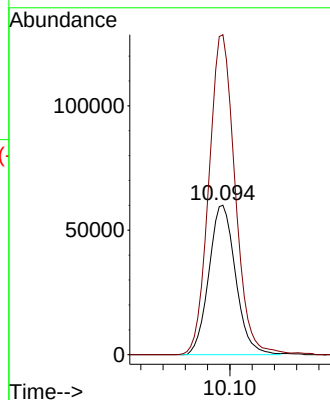
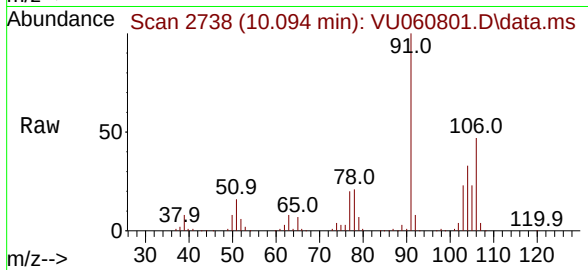




#54
o-Xylene
Concen: 5.063 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

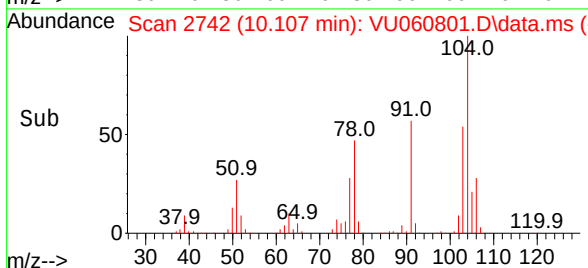
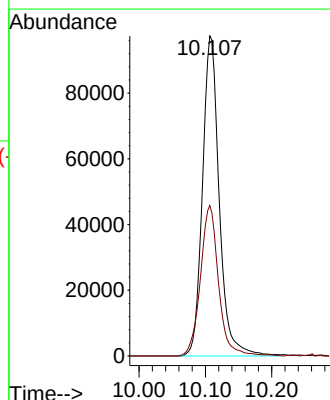
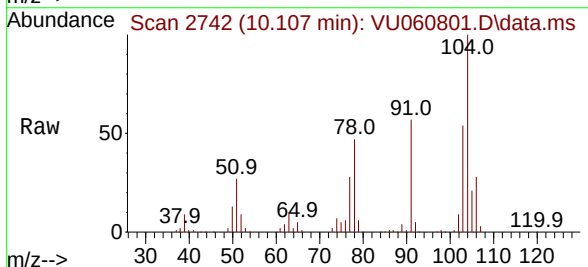
Instrument :
MSVOA_U
ClientSampleId :

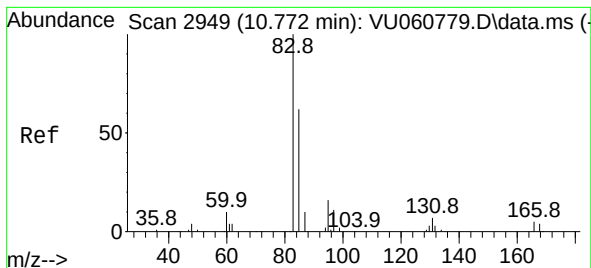
Tgt Ion:106 Resp: 99940
Ion Ratio Lower Upper
106 100
91 214.2 148.6 276.0



#55
Styrene
Concen: 5.146 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion:104 Resp: 171212
Ion Ratio Lower Upper
104 100
78 47.0 31.7 58.9

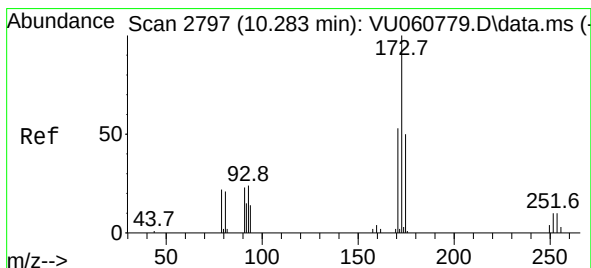
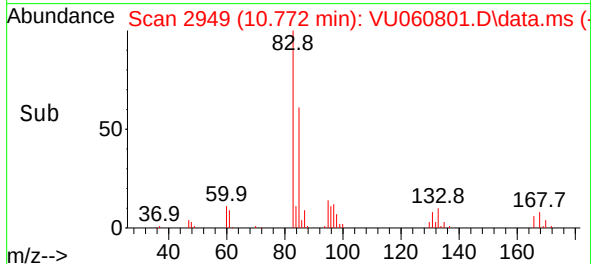
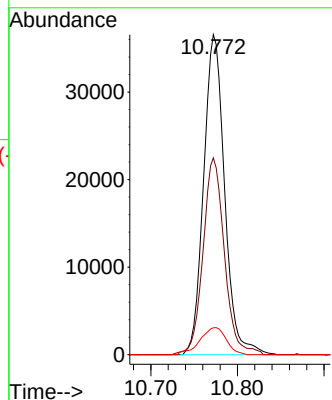
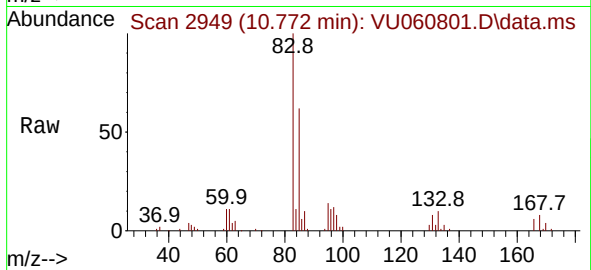




#57
1,1,2,2-Tetrachloroethane
Concen: 5.173 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

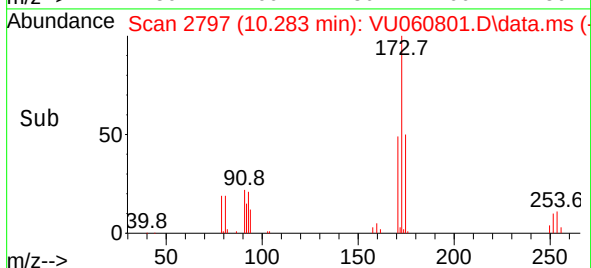
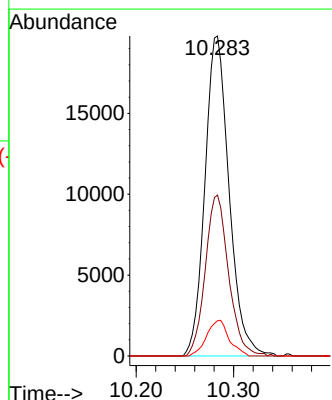
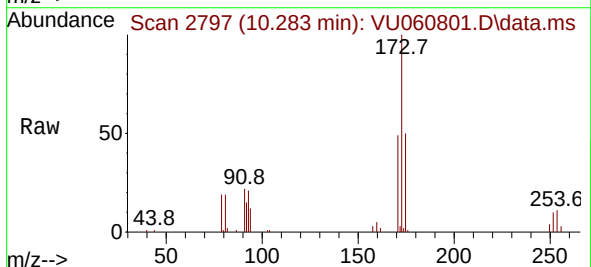
Instrument :
MSVOA_U
ClientSampleId :

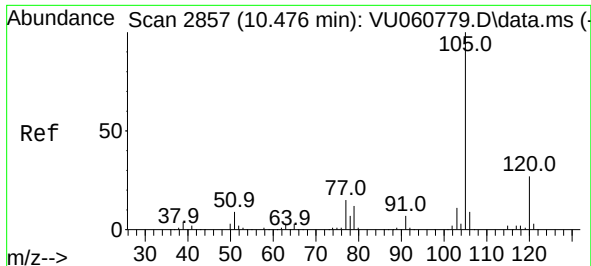
Tgt Ion: 83 Resp: 61516
Ion Ratio Lower Upper
83 100
85 61.5 42.9 79.7
131 8.4 8.4 12.6



#59
Bromoform
Concen: 5.073 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion:173 Resp: 34100
Ion Ratio Lower Upper
173 100
175 48.5 39.1 58.7
254 10.3 8.7 13.1

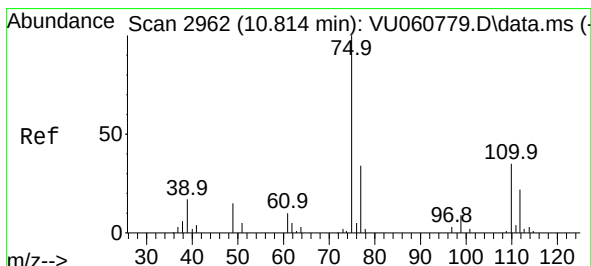
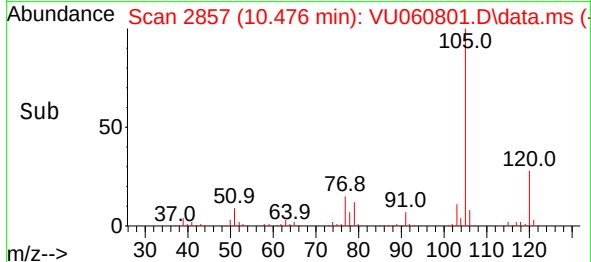
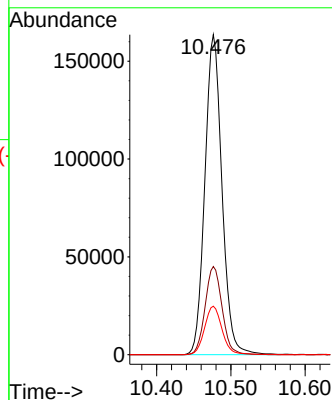
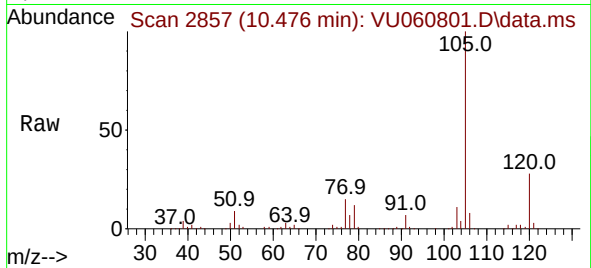




#60
Isopropylbenzene
Concen: 4.946 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

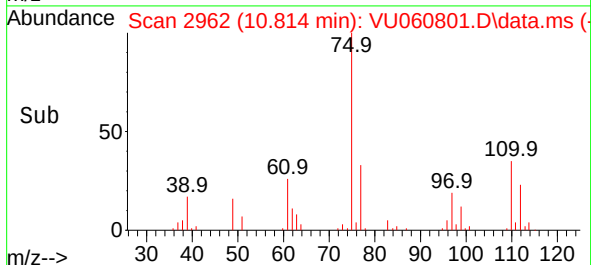
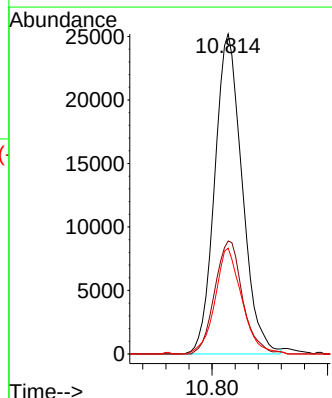
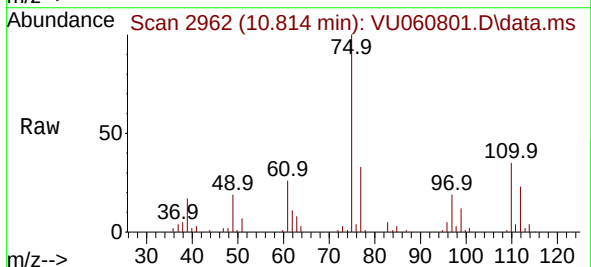
Instrument :
MSVOA_U
ClientSampleId :

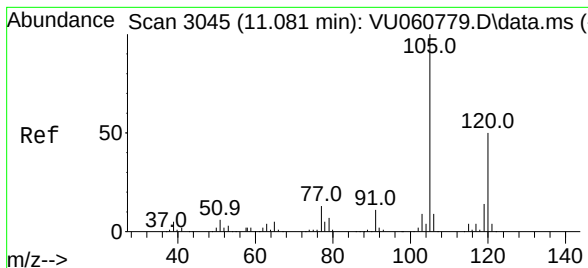
Tgt Ion:105 Resp: 261442
Ion Ratio Lower Upper
105 100
120 27.3 21.5 32.3
77 15.5 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.997 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion: 75 Resp: 41571
Ion Ratio Lower Upper
75 100
110 35.9 28.6 43.0
77 32.3 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 4.792 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060801.D

Acq: 16 Sep 2024 23:52

Instrument :

MSVOA_U

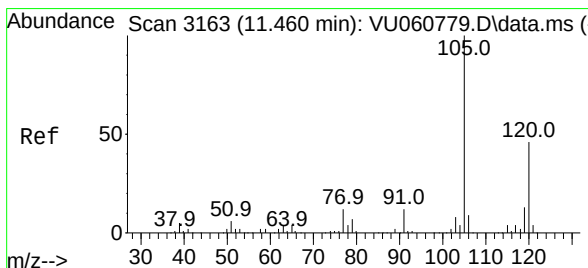
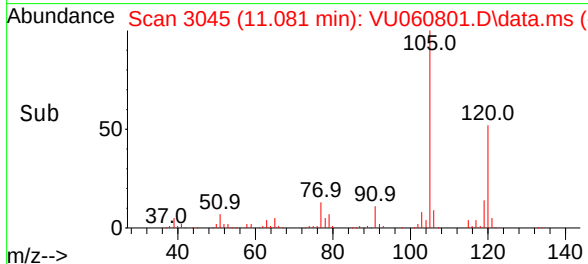
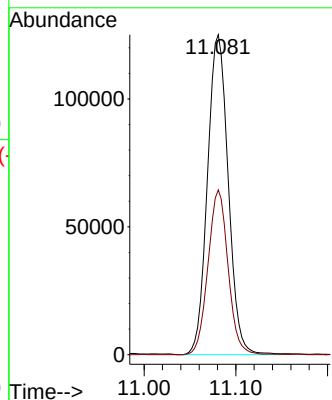
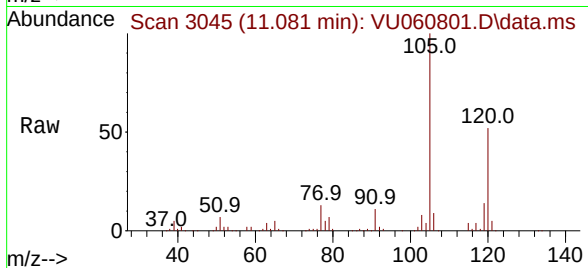
ClientSampleId :

Tgt Ion:105 Resp: 196873

Ion Ratio Lower Upper

105 100

120 49.8 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.807 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU060801.D

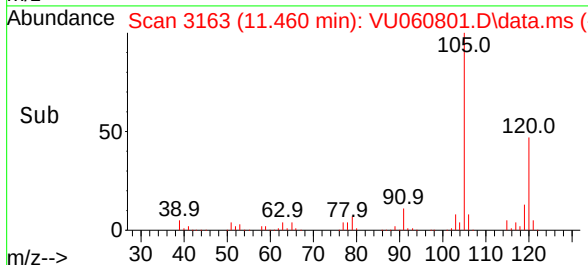
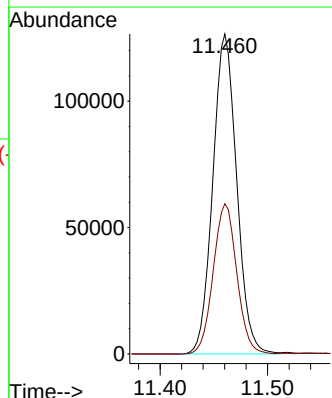
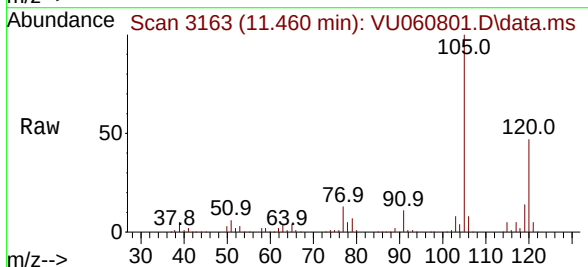
Acq: 16 Sep 2024 23:52

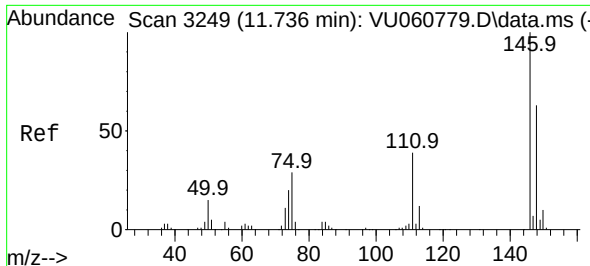
Tgt Ion:105 Resp: 195144

Ion Ratio Lower Upper

105 100

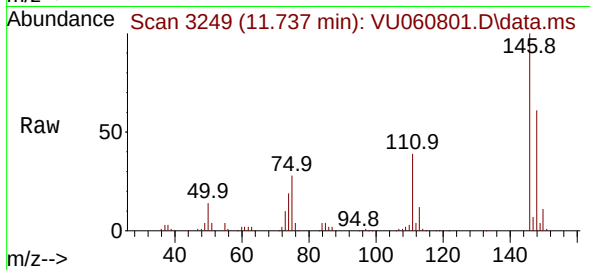
120 46.4 36.1 54.1



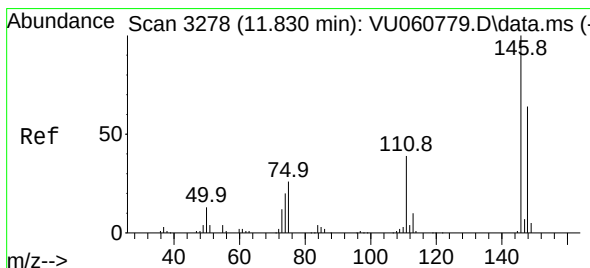
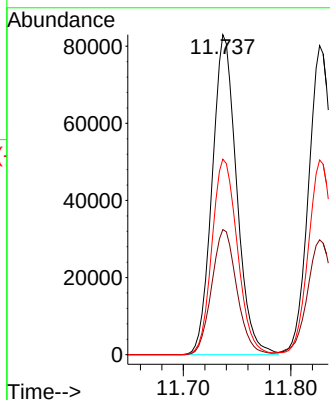
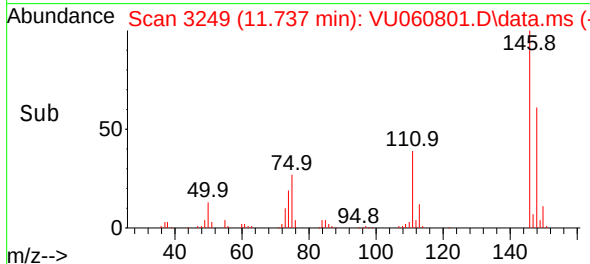


#64
1,3-Dichlorobenzene
Concen: 4.942 ug/L
RT: 11.737 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

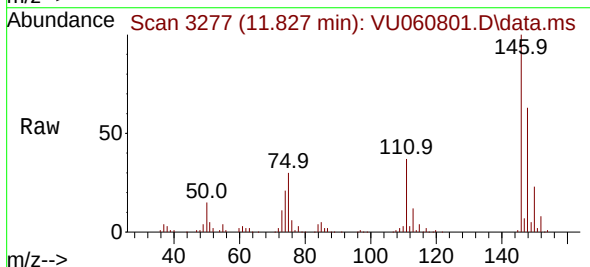
Instrument :
MSVOA_U
ClientSampleId :



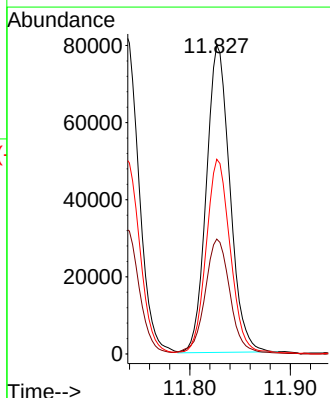
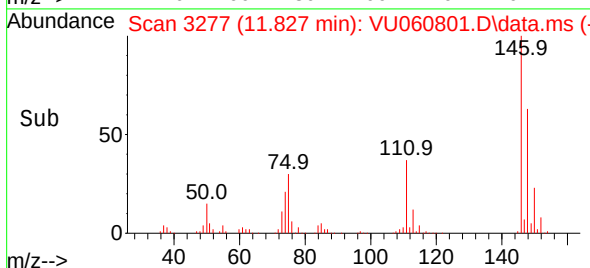
Tgt Ion:146 Resp: 131358
Ion Ratio Lower Upper
146 100
111 39.1 27.5 51.1
148 61.1 43.7 81.1

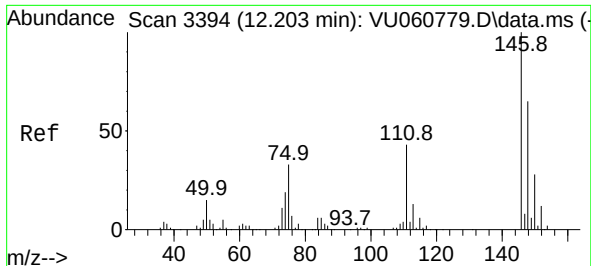


#65
1,4-Dichlorobenzene
Concen: 4.729 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52



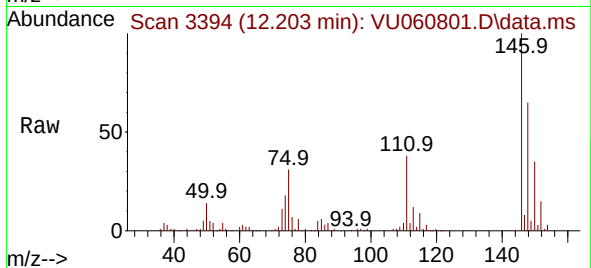
Tgt Ion:146 Resp: 129915
Ion Ratio Lower Upper
146 100
111 37.2 26.3 48.9
148 63.0 45.3 84.1



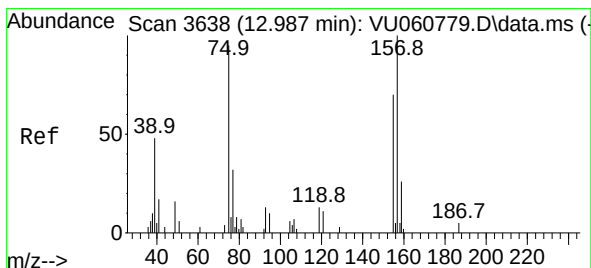
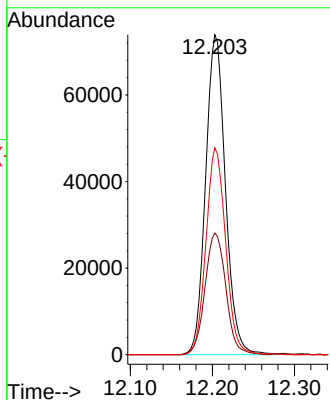
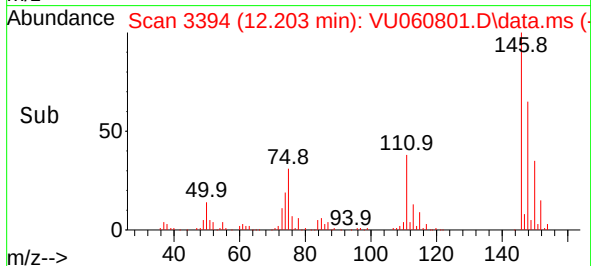


#67
1,2-Dichlorobenzene
Concen: 4.943 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Instrument :
MSVOA_U
ClientSampleId :

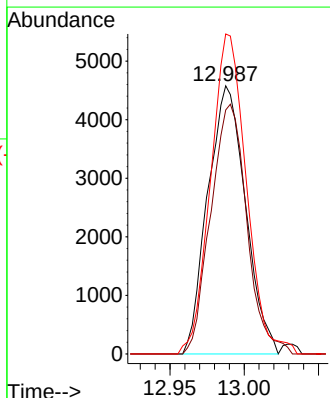
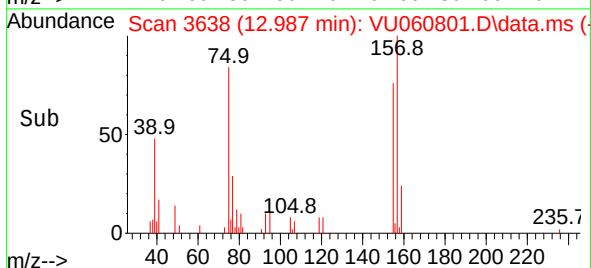
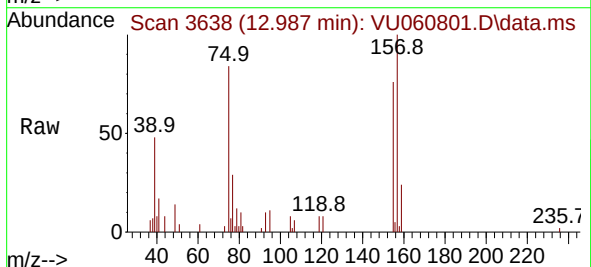


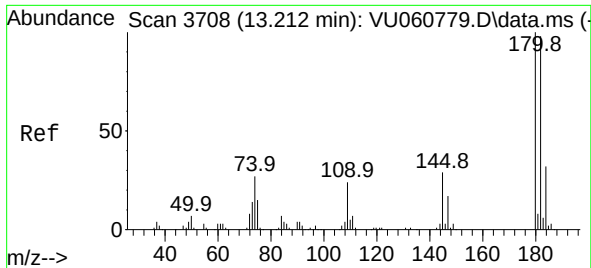
Tgt Ion:146 Resp: 124234
Ion Ratio Lower Upper
146 100
111 38.1 33.4 50.0
148 64.7 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 4.975 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU060801.D
Acq: 16 Sep 2024 23:52

Tgt Ion: 75 Resp: 8082
Ion Ratio Lower Upper
75 100
155 91.0 73.1 109.7
157 119.3 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.538 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

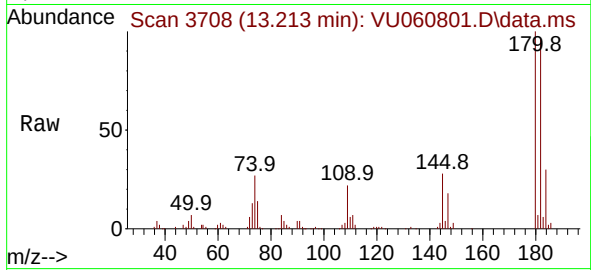
Lab File: VU060801.D

Acq: 16 Sep 2024 23:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 90226

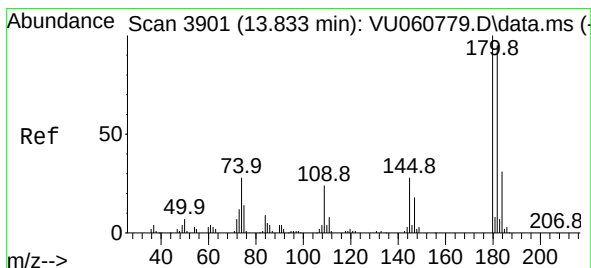
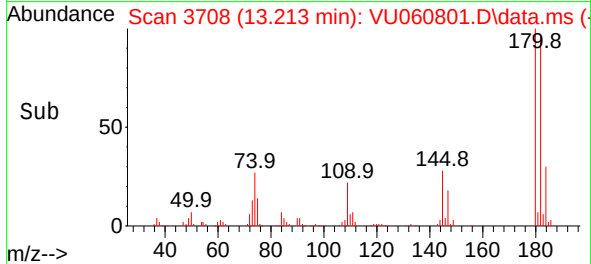
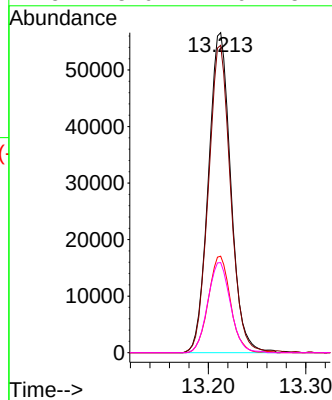
Ion Ratio Lower Upper

180 100

182 94.9 74.5 111.7

184 29.7 23.2 34.8

145 28.6 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.725 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060801.D

Acq: 16 Sep 2024 23:52

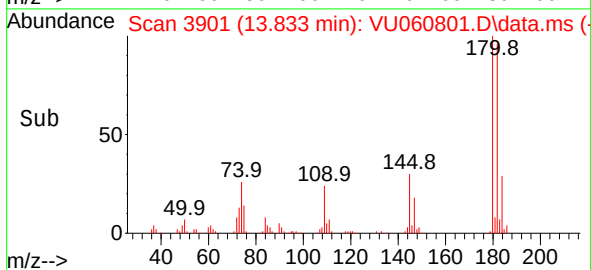
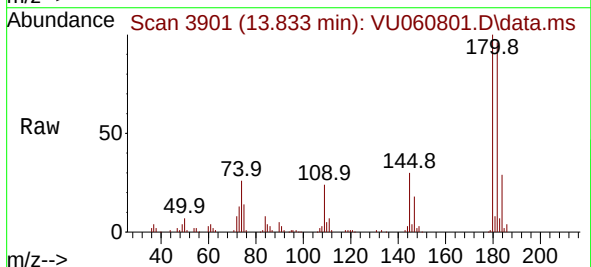
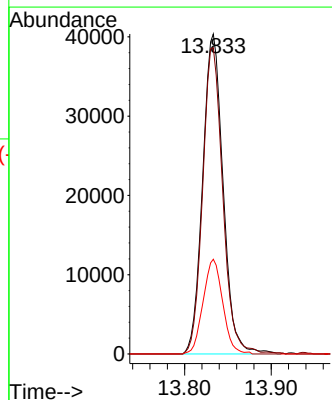
Tgt Ion:180 Resp: 66168

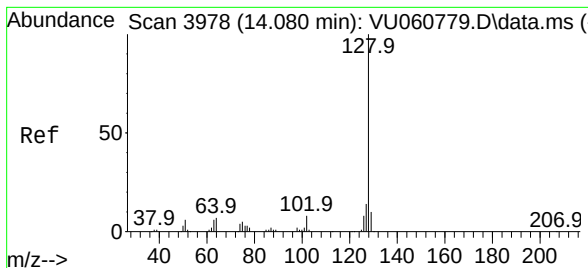
Ion Ratio Lower Upper

180 100

182 94.3 77.4 116.2

145 28.4 22.9 34.3





#71

Naphthalene

Concen: 4.533 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU060801.D

Acq: 16 Sep 2024 23:52

Instrument :

MSVOA_U

ClientSampleId :

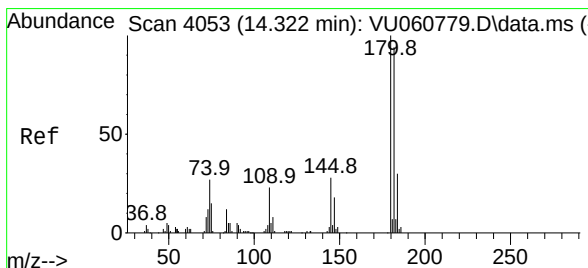
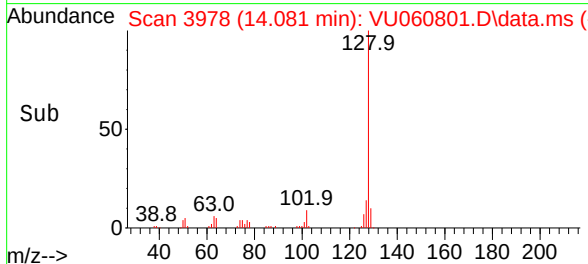
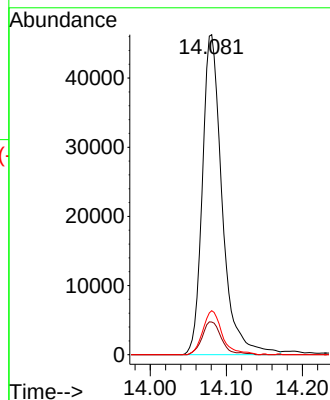
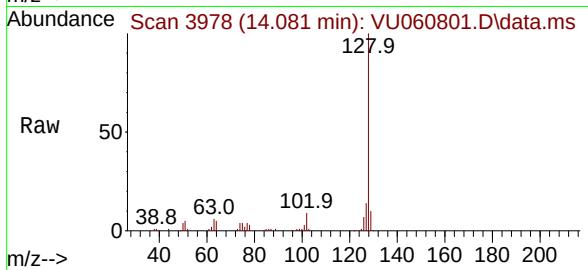
Tgt Ion:128 Resp: 83741

Ion Ratio Lower Upper

128 100

129 10.0 8.3 12.5

127 13.5 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 4.896 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU060801.D

Acq: 16 Sep 2024 23:52

Tgt Ion:180 Resp: 59240

Ion Ratio Lower Upper

180 100

182 94.1 75.7 113.5

145 30.0 23.5 35.3

