

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060823.D
 Acq On : 17 Sep 2024 10:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 01:13:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	91480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	61347	3.922	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.911	69	48318	4.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.557	65	23999	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.637	46	118556	47.218	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.440%
24) Chloroform-d	5.055	84	107832	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.692	65	51047	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	220882	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.682	67	64938	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.891	98	206929	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.174	79	25868	4.907	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.634	63	108698	52.274	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.540%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55730	4.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	72172	4.695	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	59106	4.503	ug/L	99
3) Chloromethane	1.518	50	59597	4.298	ug/L	97
5) Vinyl chloride	1.602	62	66387	4.424	ug/L	93
6) Bromomethane	1.856	94	38984	4.065	ug/L	98
8) Chloroethane	1.933	64	40412	4.408	ug/L	95
9) Trichlorofluoromethane	2.132	101	99811	4.842	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	55384	4.624	ug/L	99
12) 1,1-Dichloroethene	2.573	96	49468	4.523	ug/L	96
13) Acetone	2.660	43	78564	46.901	ug/L	94
14) Carbon disulfide	2.785	76	130571	4.303	ug/L	96
15) Methyl Acetate	2.959	43	19567	4.791	ug/L	93
16) Methylene chloride	3.039	84	56394	4.452	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	116853	4.727	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	49145	4.336	ug/L	99
19) 1,1-Dichloroethane	3.859	63	100422	4.413	ug/L	97
21) 2-Butanone	4.718	43	117782	43.194	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	56541	4.507	ug/L	96
23) Bromochloromethane	4.965	128	27298	4.608	ug/L	92
25) Chloroform	5.078	83	106143	4.473	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060823.D
 Acq On : 17 Sep 2024 10:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 01:13:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

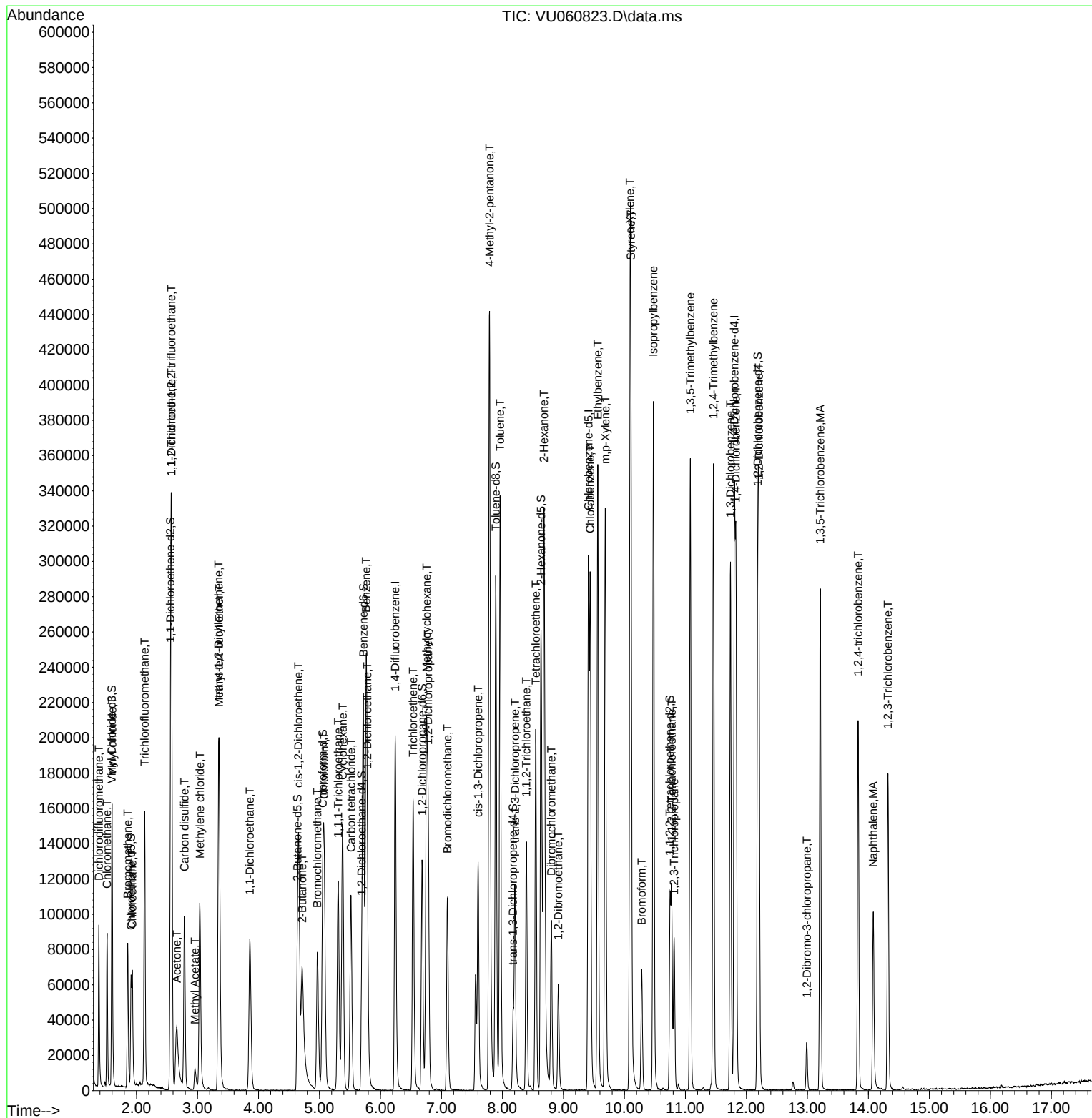
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	58728	4.271	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	89479	4.693	ug/L	99
30) Cyclohexane	5.380	56	74205	4.735	ug/L	99
31) Carbon tetrachloride	5.518	117	77929	4.617	ug/L	98
33) Benzene	5.766	78	228158	4.699	ug/L	100
34) Trichloroethene	6.537	95	59785	4.697	ug/L	97
35) Methylcyclohexane	6.756	83	80842	4.629	ug/L	100
37) 1,2-Dichloropropane	6.782	63	61771	4.617	ug/L	100
38) Bromodichloromethane	7.097	83	73615	4.485	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	83895	4.714	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	312605	50.033	ug/L	100
42) Toluene	7.962	91	260657	5.134	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	72066	4.925	ug/L	92
45) 1,1,2-Trichloroethane	8.393	97	45863	4.748	ug/L	96
47) Tetrachloroethene	8.547	164	47664	4.712	ug/L	97
48) 2-Hexanone	8.682	43	230689	50.654	ug/L	98
49) Dibromochloromethane	8.801	129	50795	4.619	ug/L	97
50) 1,2-Dibromoethane	8.917	107	42016	4.874	ug/L	99
51) Chlorobenzene	9.441	112	161349	4.733	ug/L	99
52) Ethylbenzene	9.563	91	253433	4.742	ug/L	98
53) m,p-Xylene	9.688	106	100746	4.971	ug/L	97
54) o-Xylene	10.094	106	98470	4.924	ug/L	96
55) Styrene	10.106	104	163513	4.851	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	57416	4.766	ug/L	94
59) Bromoform	10.283	173	31689	4.596	ug/L	98
60) Isopropylbenzene	10.476	105	256612	4.733	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	38352	4.495	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	192577	4.571	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	197510	4.744	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	129283	4.743	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	127198	4.514	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	120232	4.665	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	7656	4.595	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	94329	4.626	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	68014	4.735	ug/L	99
71) Naphthalene	14.081	128	90823	4.794	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	61327	4.942	ug/L	99

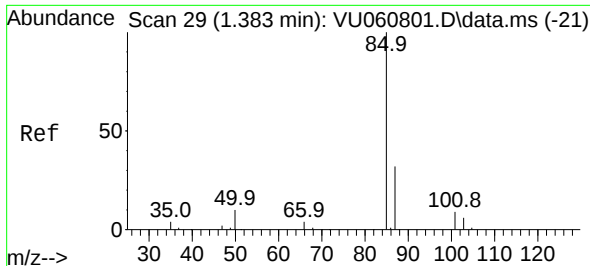
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
Data File : VU060823.D
Acq On : 17 Sep 2024 10:43
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

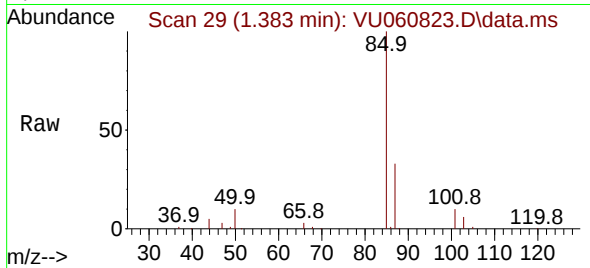
Quant Time: Sep 18 01:13:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 17 02:49:32 2024
Response via : Initial Calibration



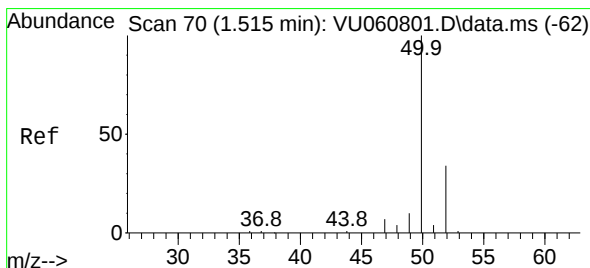
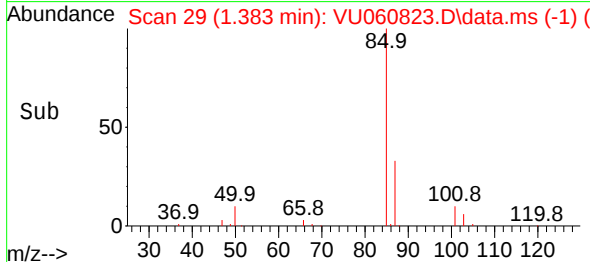
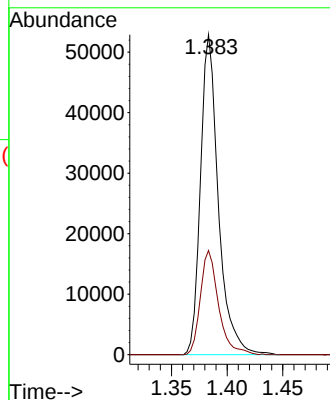


#2
 Dichlorodifluoromethane
 Concen: 4.503 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU060823.D
 Acq: 17 Sep 2024 10:43

Instrument :
 MSVOA_U
 ClientSampleId :

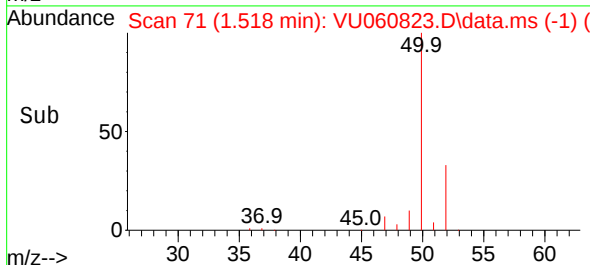
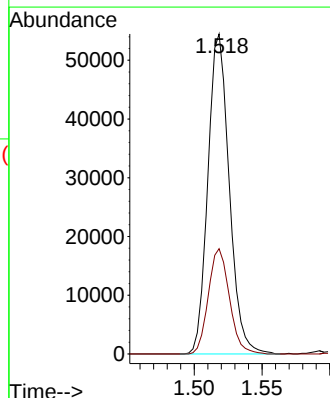
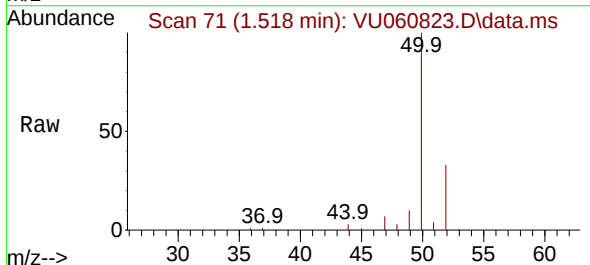


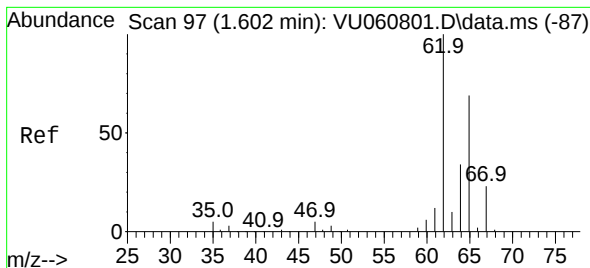
Tgt Ion: 85 Resp: 59106
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.2 39.2



#3
 Chloromethane
 Concen: 4.298 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU060823.D
 Acq: 17 Sep 2024 10:43

Tgt Ion: 50 Resp: 59597
 Ion Ratio Lower Upper
 50 100
 52 32.9 24.4 45.4





#5

Vinyl chloride

Concen: 4.424 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

Instrument :

MSVOA_U

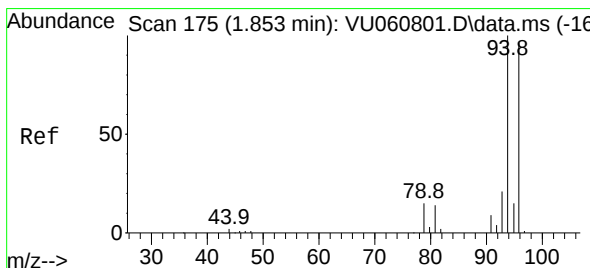
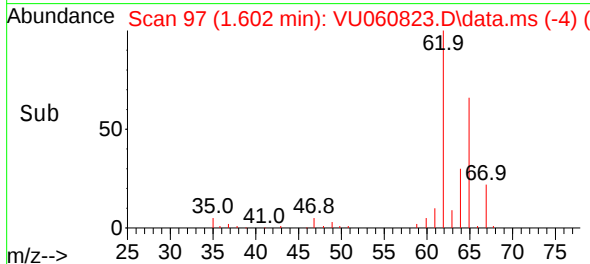
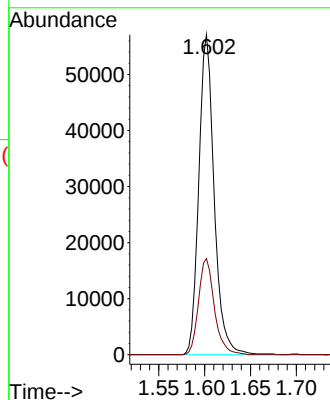
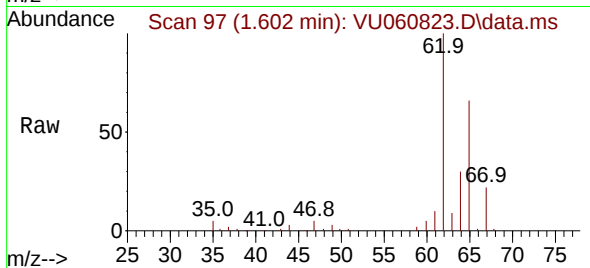
ClientSampleId :

Tgt Ion: 62 Resp: 66387

Ion Ratio Lower Upper

62 100

64 30.0 24.0 44.6



#6

Bromomethane

Concen: 4.065 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU060823.D

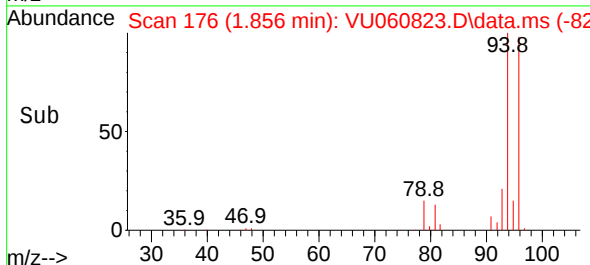
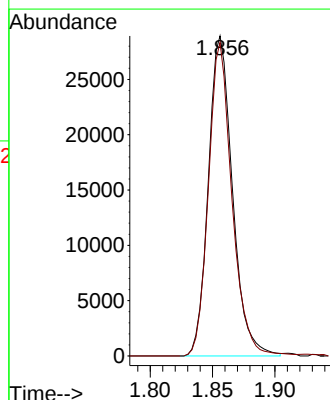
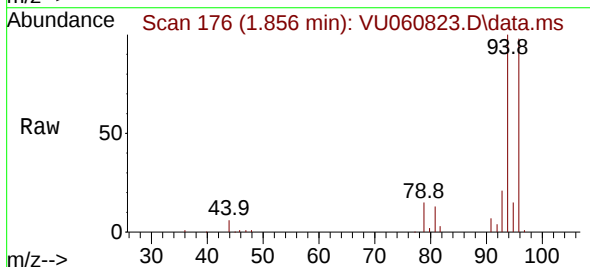
Acq: 17 Sep 2024 10:43

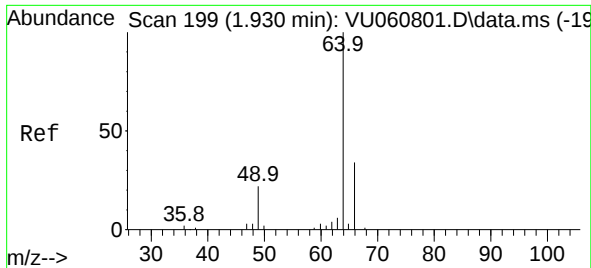
Tgt Ion: 94 Resp: 38984

Ion Ratio Lower Upper

94 100

96 98.0 67.3 124.9

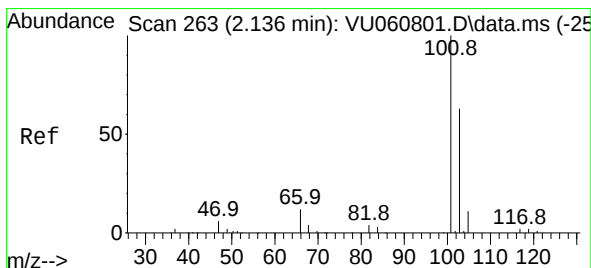
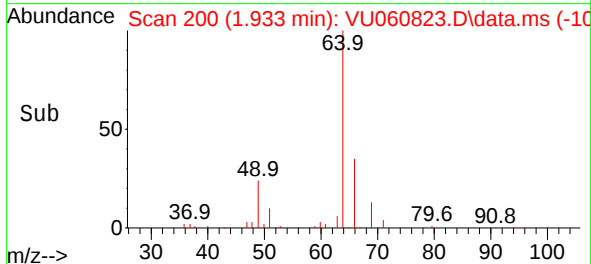
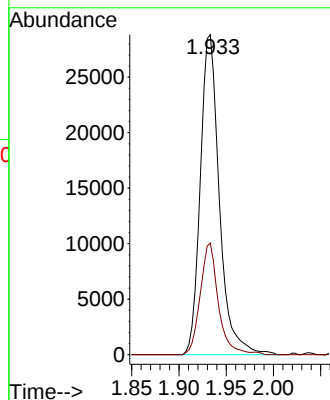
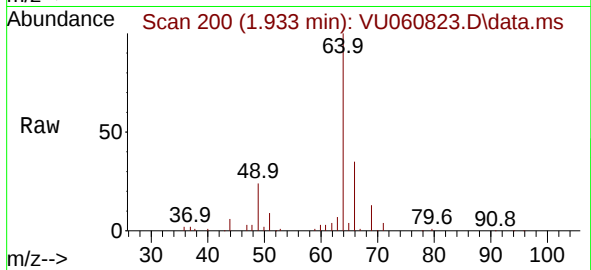




#8
Chloroethane
Concen: 4.408 ug/L
RT: 1.933 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

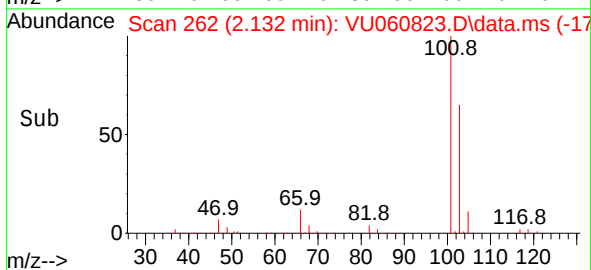
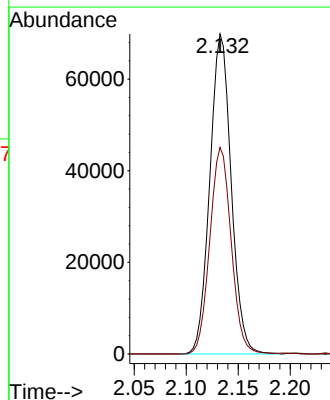
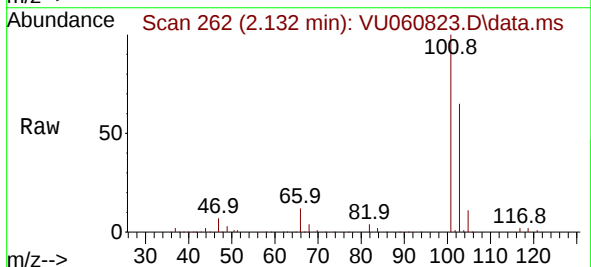
Instrument :
MSVOA_U
ClientSampleId :

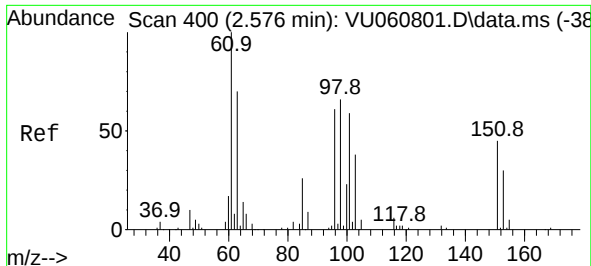
Tgt Ion: 64 Resp: 40412
Ion Ratio Lower Upper
64 100
66 34.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.842 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion:101 Resp: 99811
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

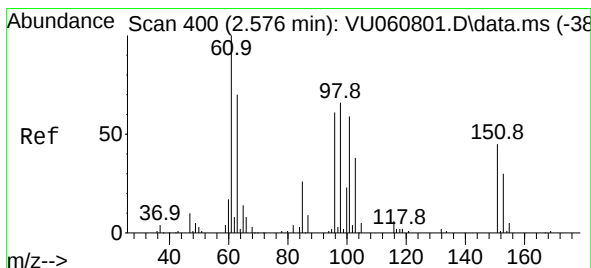
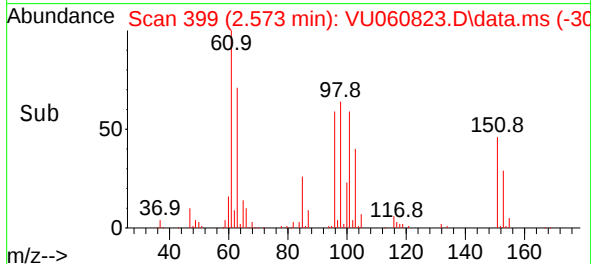
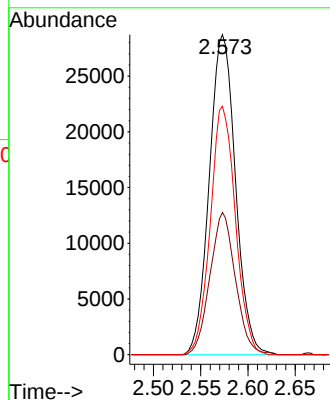
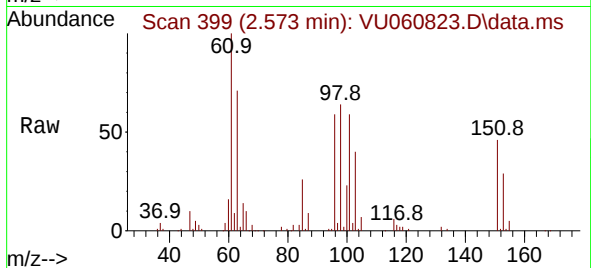




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.624 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060823.D
 Acq: 17 Sep 2024 10:43

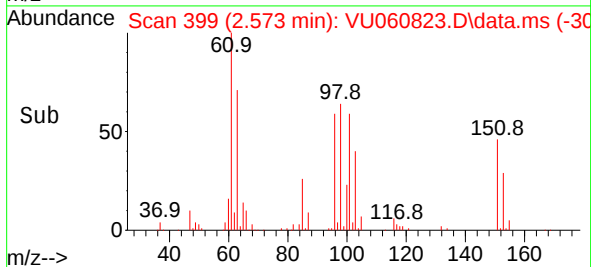
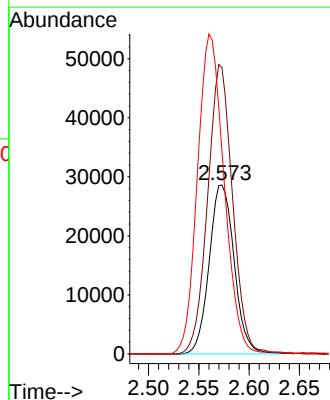
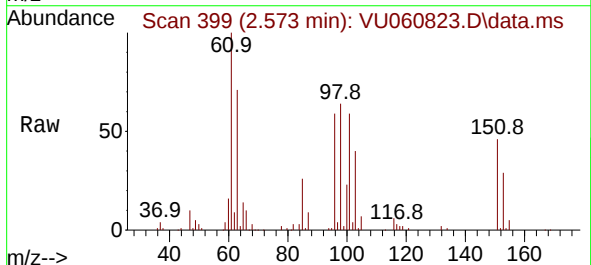
Instrument :
 MSVOA_U
 ClientSampleId :

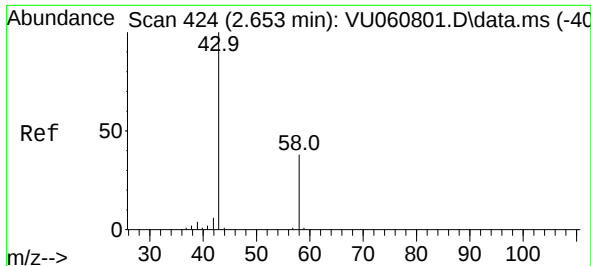
Tgt Ion:101 Resp: 55384
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.2 51.4
 151 74.5 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 4.523 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060823.D
 Acq: 17 Sep 2024 10:43

Tgt Ion: 96 Resp: 49468
 Ion Ratio Lower Upper
 96 100
 61 169.5 120.7 224.1
 63 119.9 90.0 167.2





#13

Acetone

Concen: 46.901 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

Instrument :

MSVOA_U

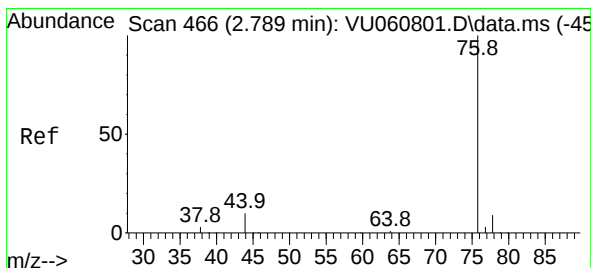
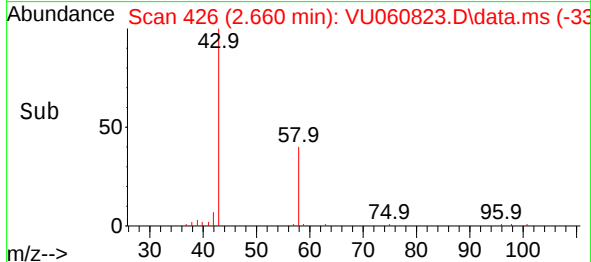
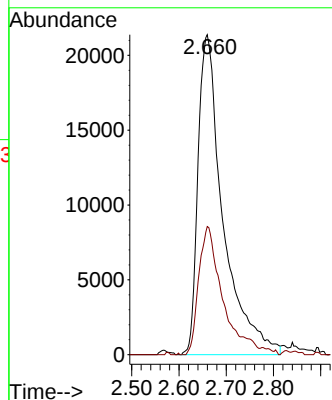
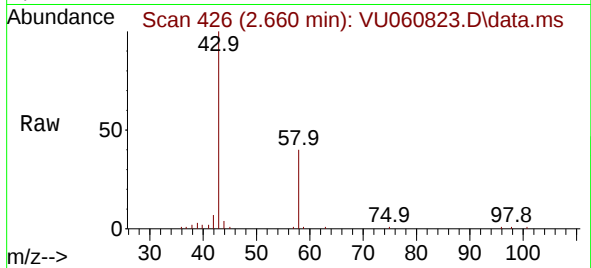
ClientSampleId :

Tgt Ion: 43 Resp: 78564

Ion Ratio Lower Upper

43 100

58 38.0 0.0 69.6



#14

Carbon disulfide

Concen: 4.303 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060823.D

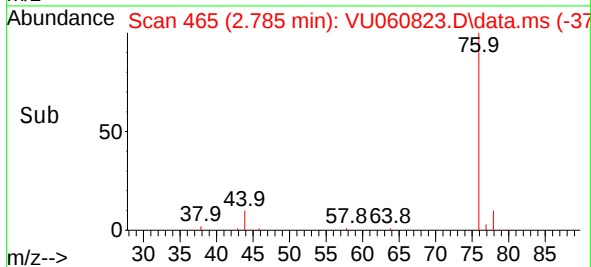
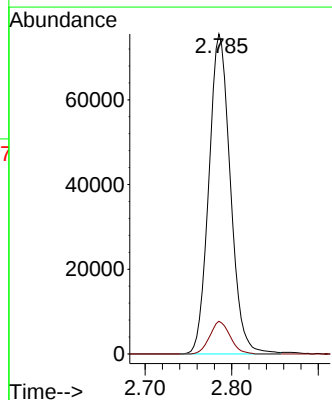
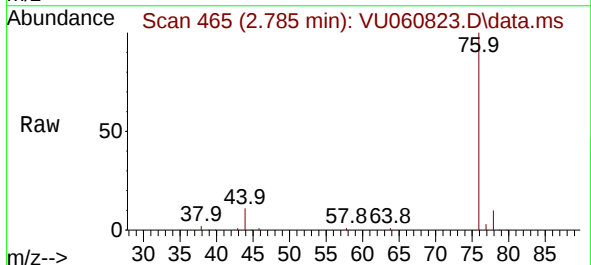
Acq: 17 Sep 2024 10:43

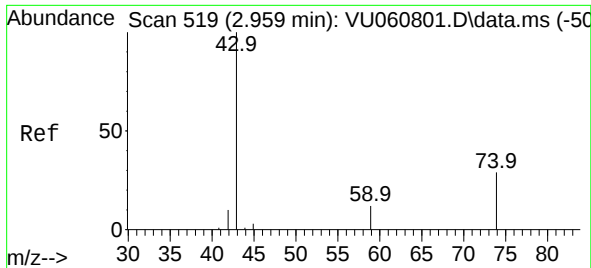
Tgt Ion: 76 Resp: 130571

Ion Ratio Lower Upper

76 100

78 10.3 7.1 10.7

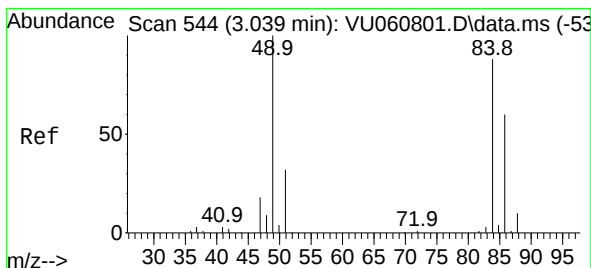
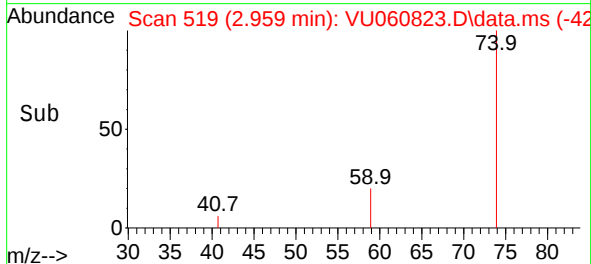
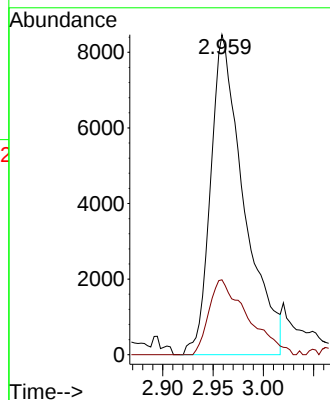
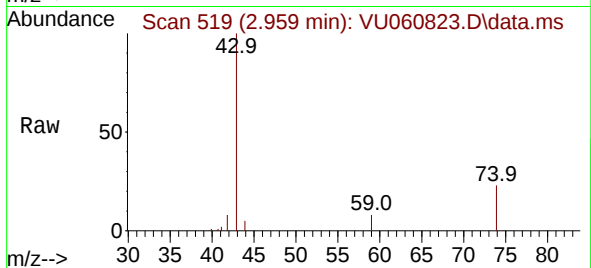




#15
Methyl Acetate
Concen: 4.791 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

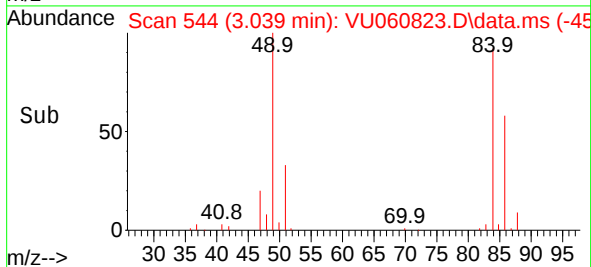
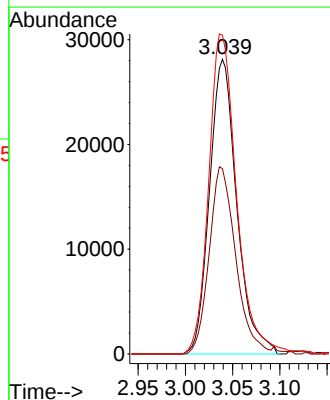
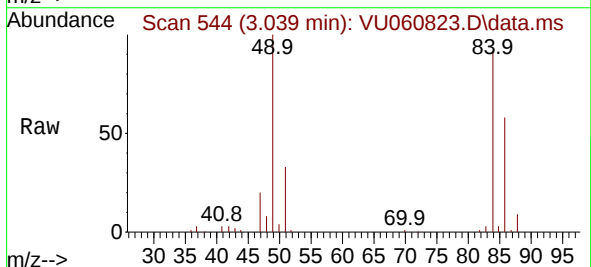
Instrument :
MSVOA_U
ClientSampleId :

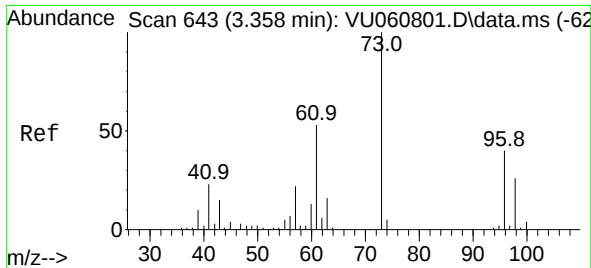
Tgt Ion: 43 Resp: 19567
Ion Ratio Lower Upper
43 100
74 27.1 18.9 28.3



#16
Methylene chloride
Concen: 4.452 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion: 84 Resp: 56394
Ion Ratio Lower Upper
84 100
86 62.9 47.3 87.8
49 108.2 78.7 146.1

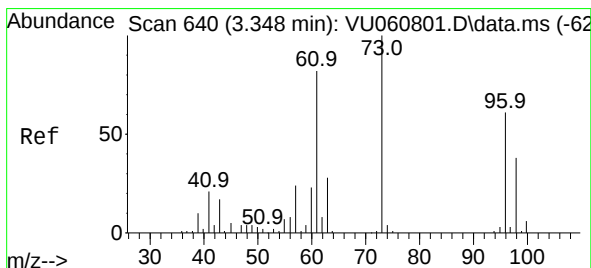
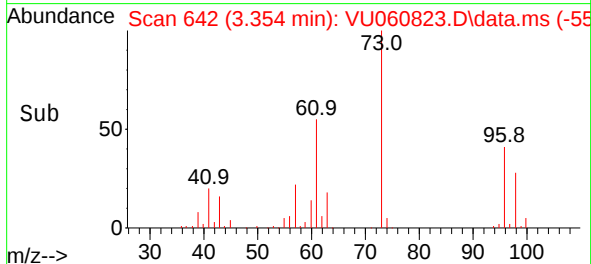
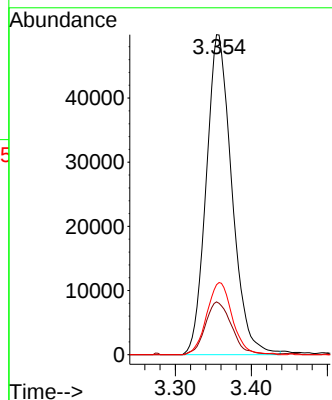
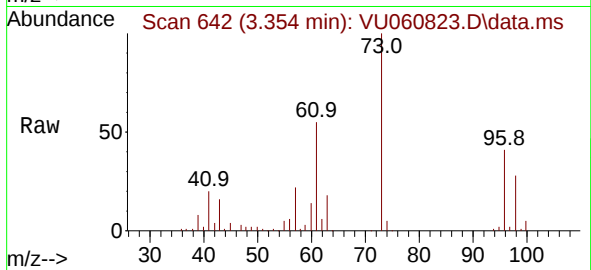




#17
Methyl tert-butyl Ether
Concen: 4.727 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

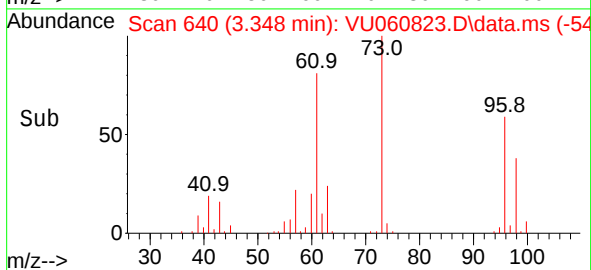
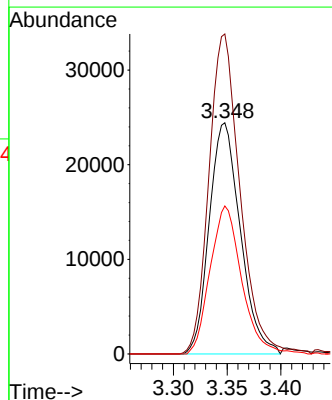
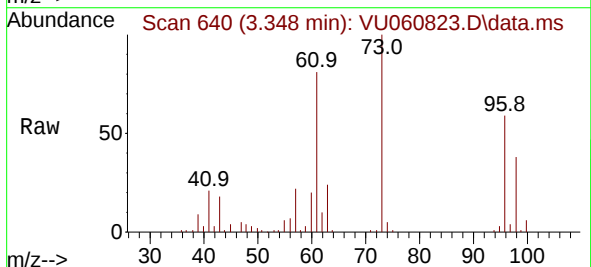
Instrument :
MSVOA_U
ClientSampleId :

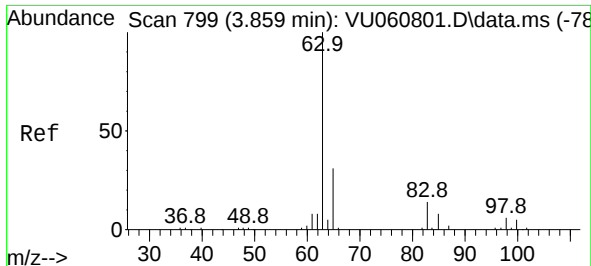
Tgt Ion: 73 Resp: 116853
Ion Ratio Lower Upper
73 100
43 16.9 13.8 20.8
57 22.4 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.336 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion: 96 Resp: 49145
Ion Ratio Lower Upper
96 100
61 138.4 97.2 180.6
98 64.0 43.3 80.5

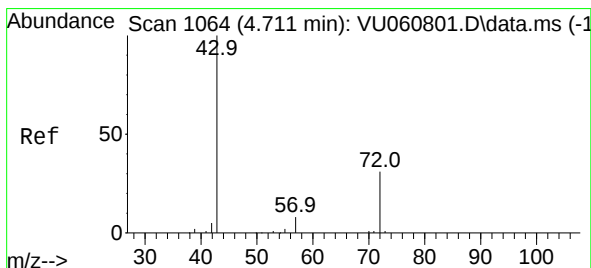
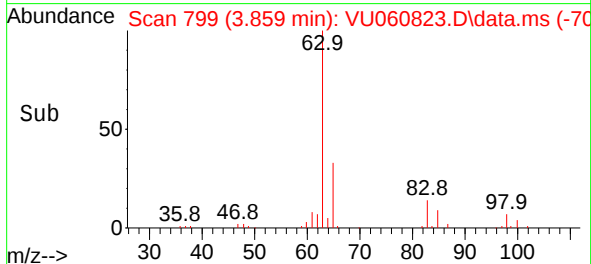
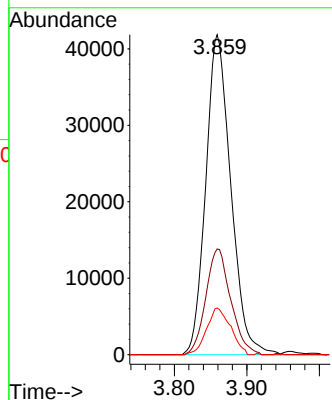
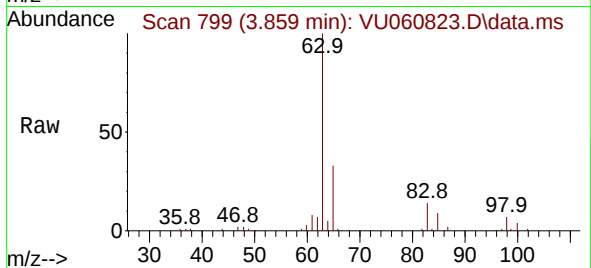




#19
1,1-Dichloroethane
Concen: 4.413 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

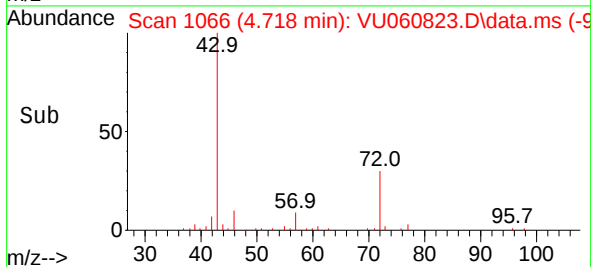
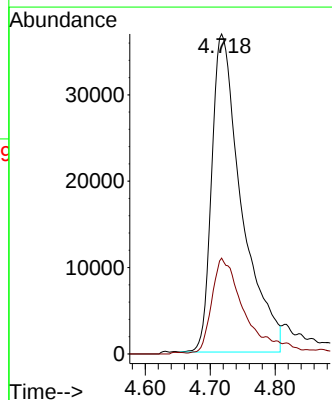
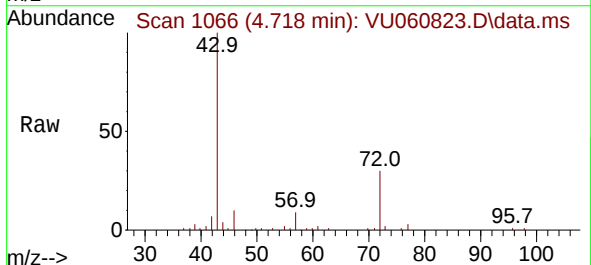
Instrument :
MSVOA_U
ClientSampleId :

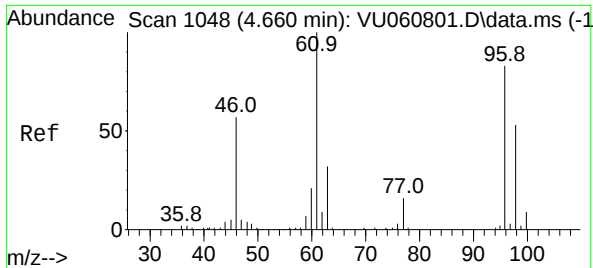
Tgt Ion: 63 Resp: 100422
Ion Ratio Lower Upper
63 100
65 34.0 23.0 42.8
83 14.6 9.0 16.6



#21
2-Butanone
Concen: 43.194 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion: 43 Resp: 117782
Ion Ratio Lower Upper
43 100
72 31.1 14.8 44.3

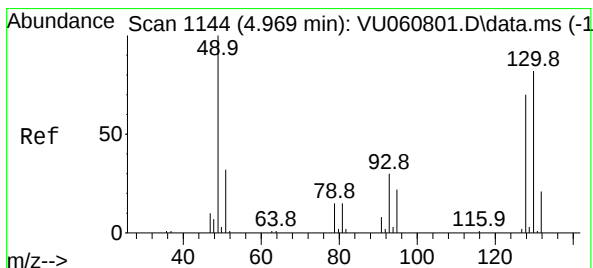
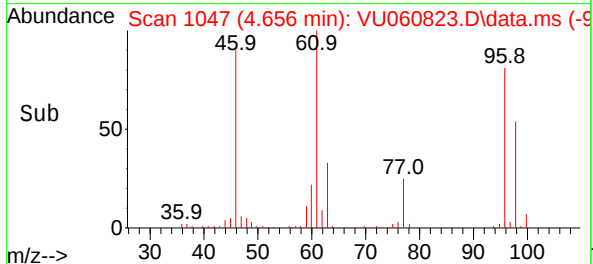
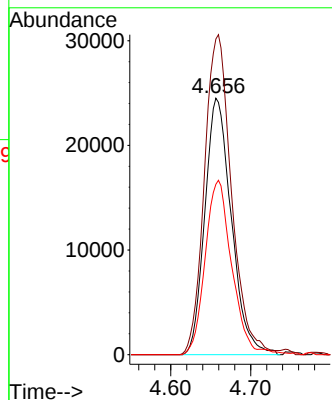
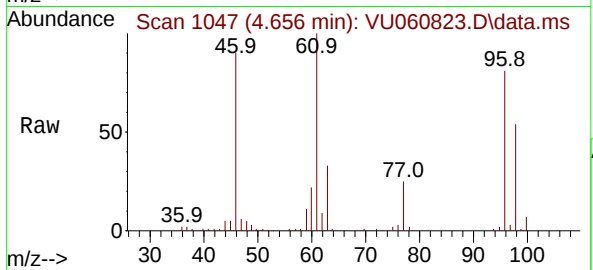




#22
 cis-1,2-Dichloroethene
 Concen: 4.507 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060823.D
 Acq: 17 Sep 2024 10:43

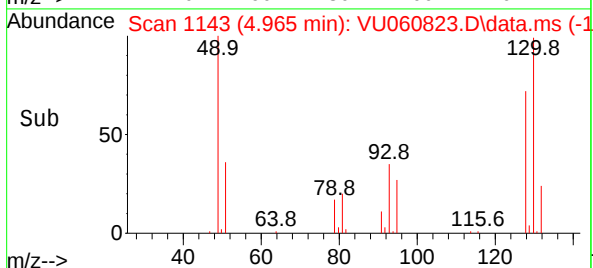
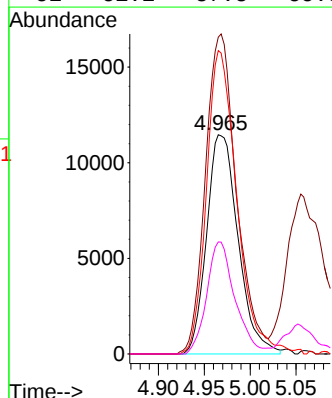
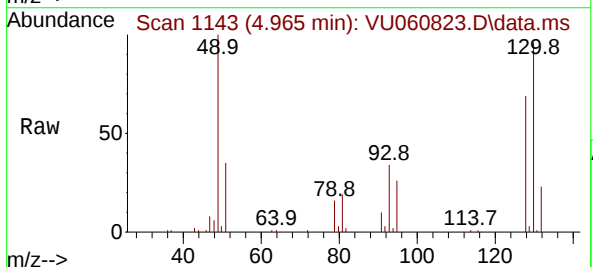
Instrument :
 MSVOA_U
 ClientSampleId :

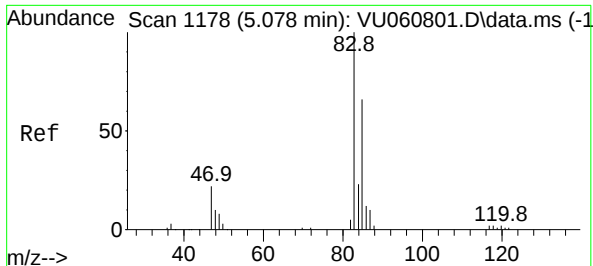
Tgt Ion: 96 Resp: 56541
 Ion Ratio Lower Upper
 96 100
 61 123.0 89.7 166.5
 98 66.4 45.1 83.9



#23
 Bromochloromethane
 Concen: 4.608 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU060823.D
 Acq: 17 Sep 2024 10:43

Tgt Ion:128 Resp: 27298
 Ion Ratio Lower Upper
 128 100
 49 149.3 109.6 203.6
 130 138.4 87.8 163.0
 51 51.1 37.3 55.9





#25

Chloroform

Concen: 4.473 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

Instrument :

MSVOA_U

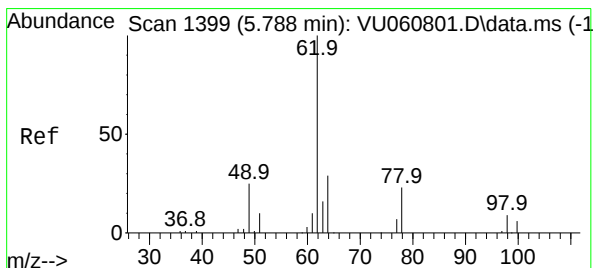
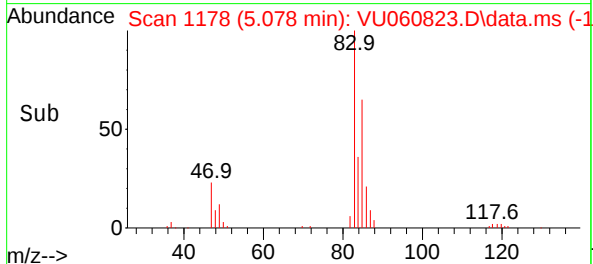
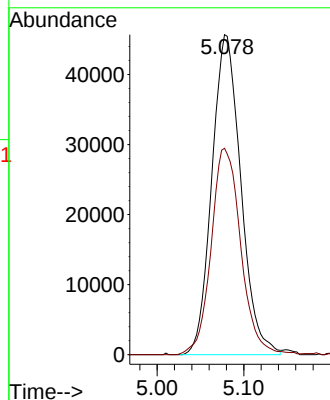
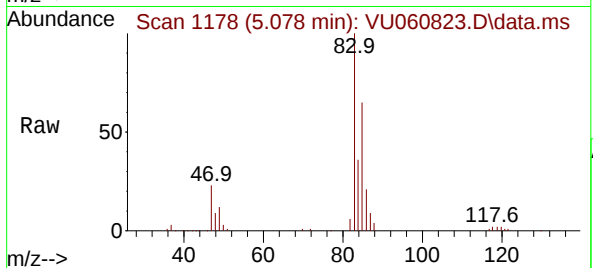
ClientSampleId :

Tgt Ion: 83 Resp: 106143

Ion Ratio Lower Upper

83 100

85 64.5 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.271 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060823.D

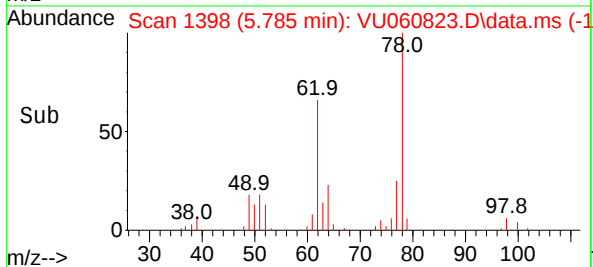
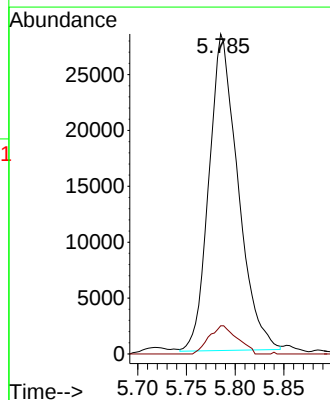
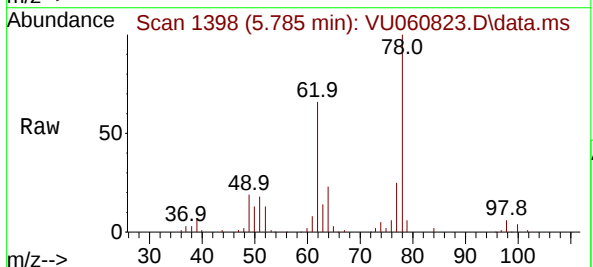
Acq: 17 Sep 2024 10:43

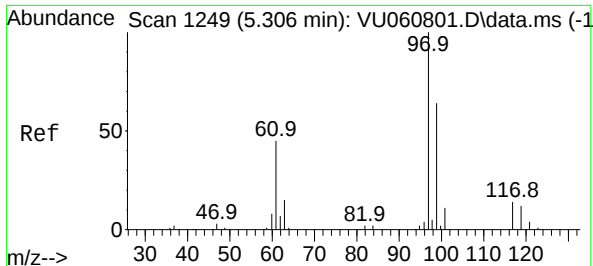
Tgt Ion: 62 Resp: 58728

Ion Ratio Lower Upper

62 100

98 8.8 8.2 12.4

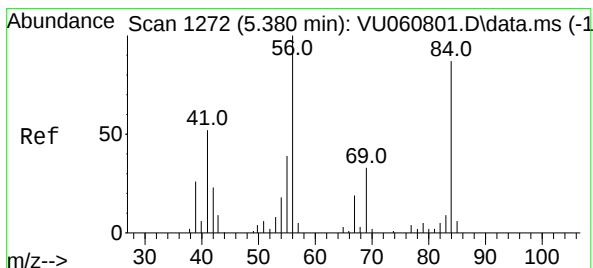
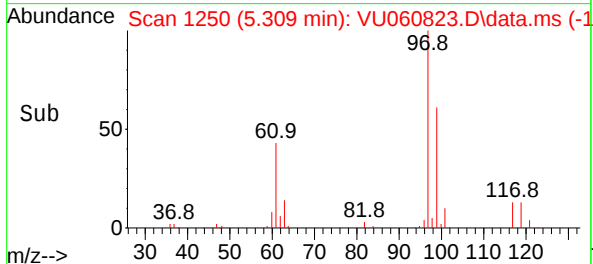
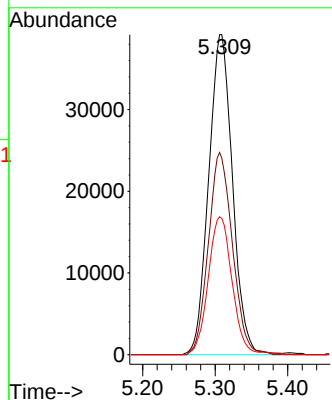
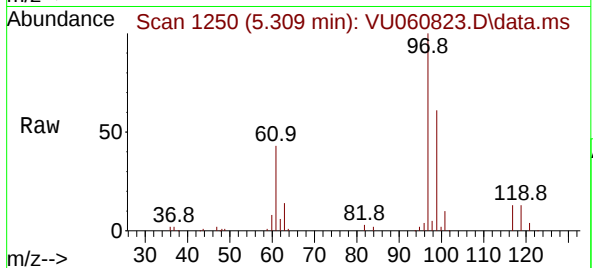




#29
1,1,1-Trichloroethane
Concen: 4.693 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

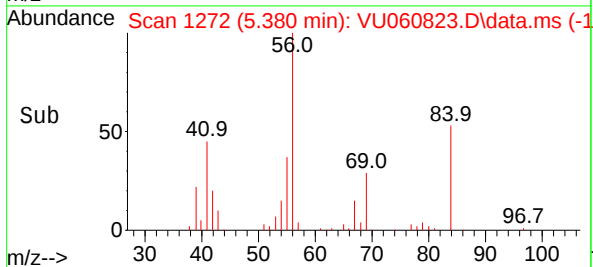
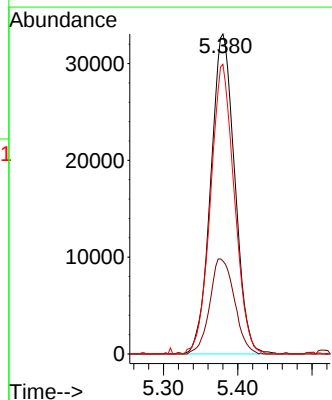
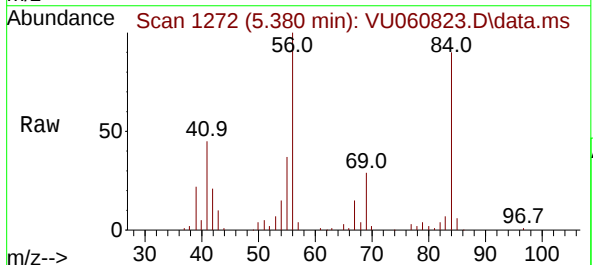
Instrument :
MSVOA_U
ClientSampleId :

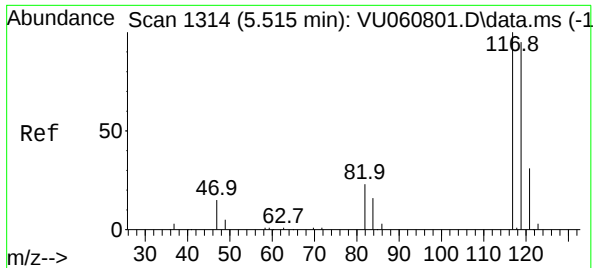
Tgt Ion: 97 Resp: 89479
Ion Ratio Lower Upper
97 100
99 63.8 50.5 75.7
61 42.8 34.4 51.6



#30
Cyclohexane
Concen: 4.735 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion: 56 Resp: 74205
Ion Ratio Lower Upper
56 100
69 30.5 25.4 38.0
84 89.8 71.0 106.6

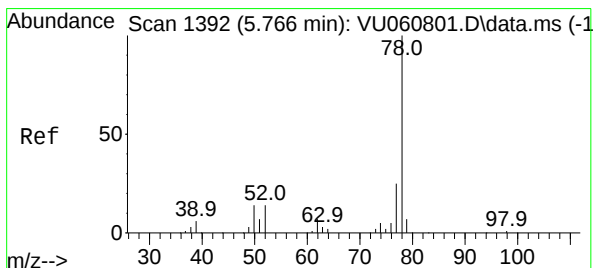
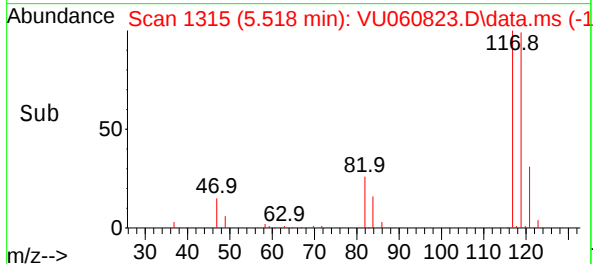
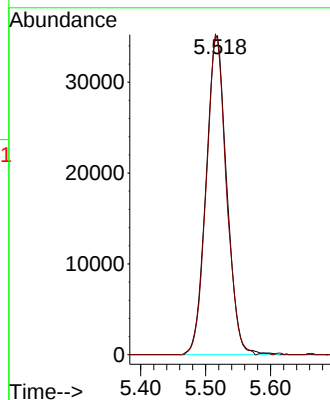
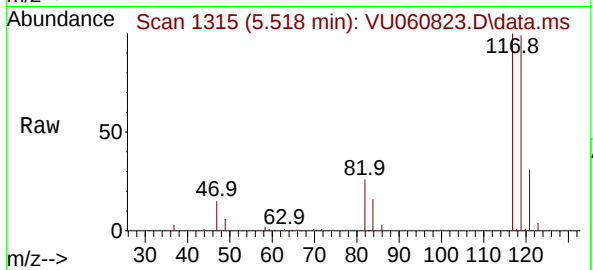




#31
Carbon tetrachloride
Concen: 4.617 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

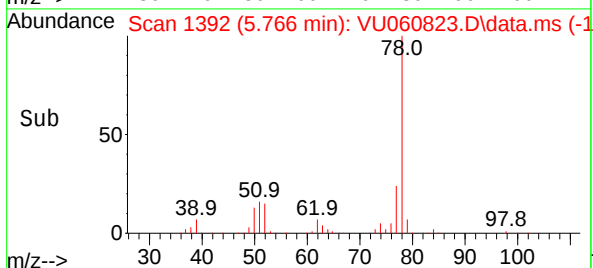
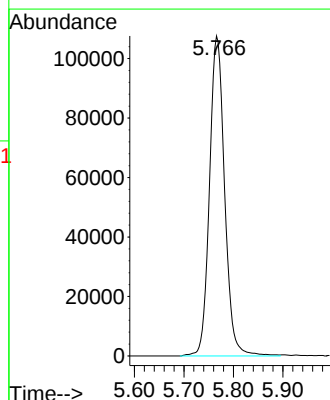
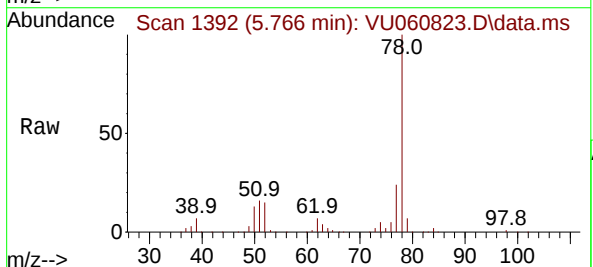
Instrument :
MSVOA_U
ClientSampleId :

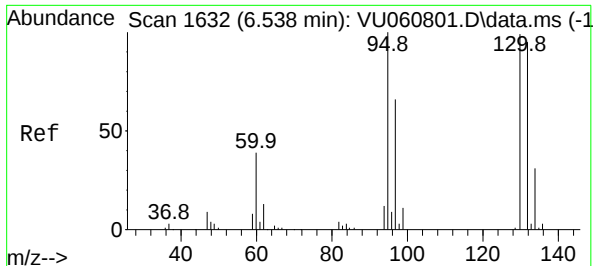
Tgt Ion:117 Resp: 77929
Ion Ratio Lower Upper
117 100
119 97.2 76.3 114.5



#33
Benzene
Concen: 4.699 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion: 78 Resp: 228158





#34

Trichloroethene

Concen: 4.697 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

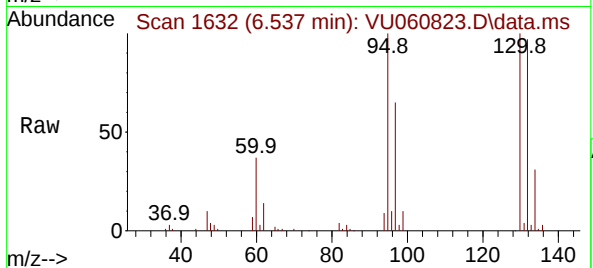
Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 59785

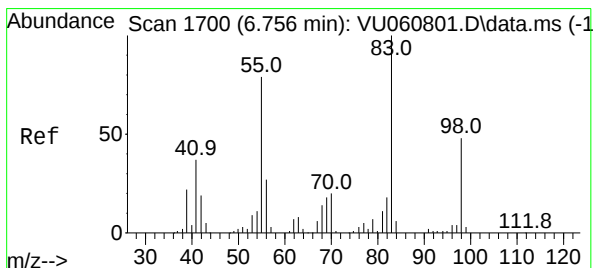
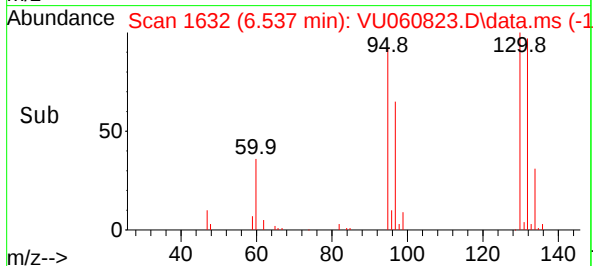
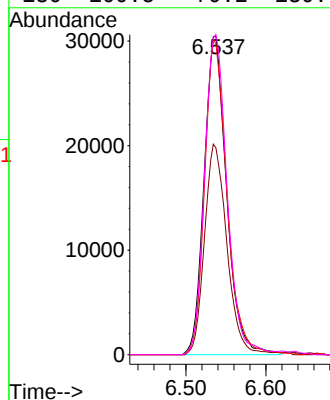
Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.5

132 97.7 63.5 117.9

130 100.5 70.2 130.4



#35

Methylcyclohexane

Concen: 4.629 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

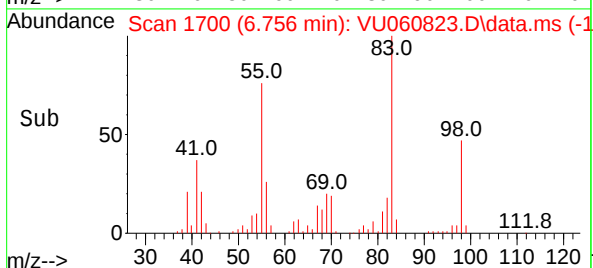
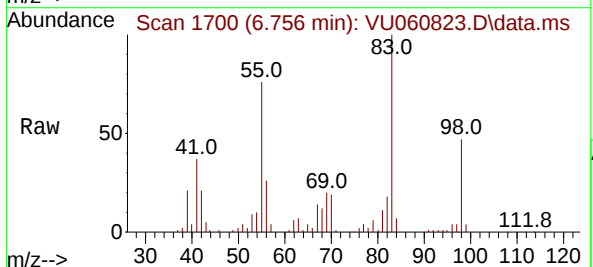
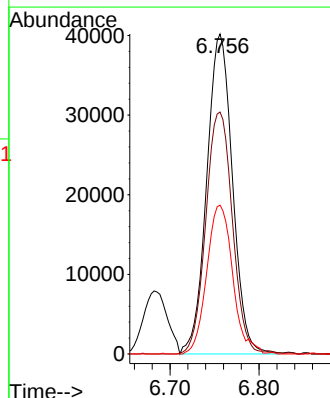
Tgt Ion: 83 Resp: 80842

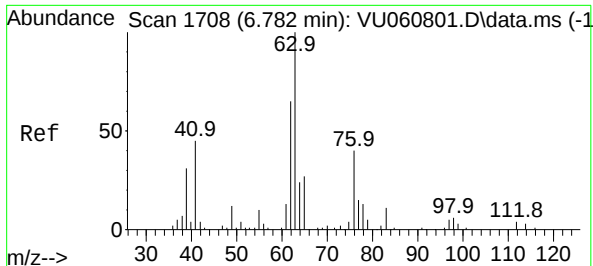
Ion Ratio Lower Upper

83 100

55 77.8 62.6 94.0

98 46.8 37.6 56.4

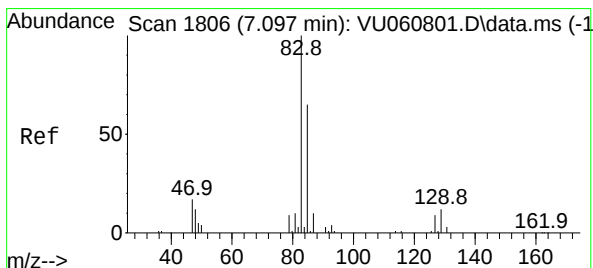
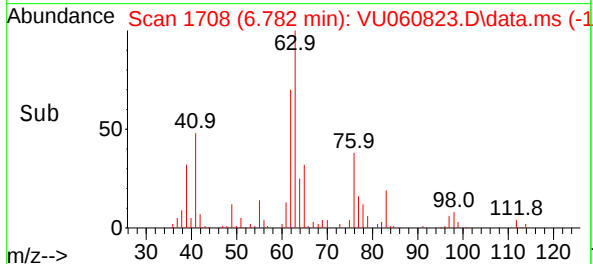
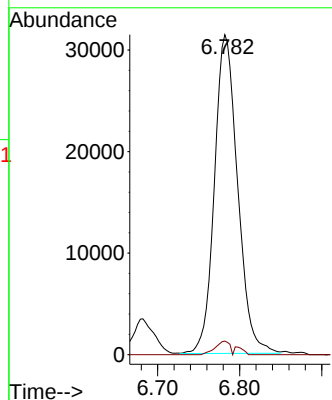
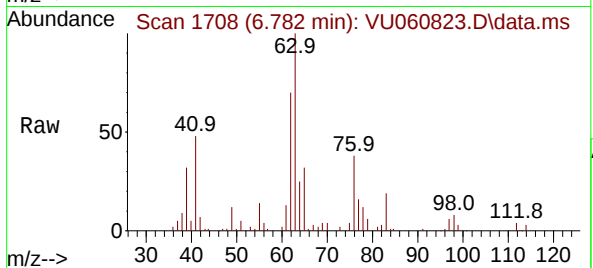




#37
1,2-Dichloropropane
Concen: 4.617 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

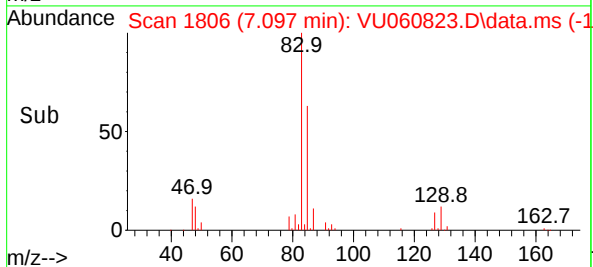
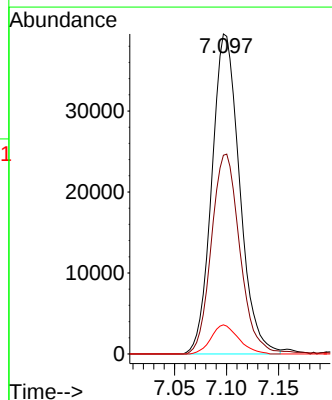
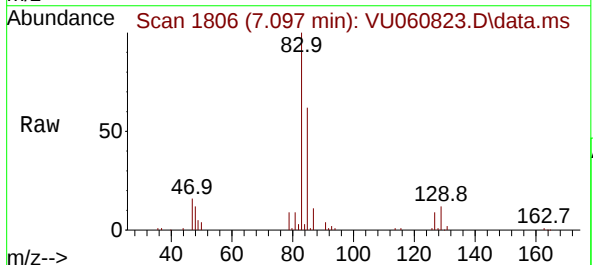
Instrument :
MSVOA_U
ClientSampleId :

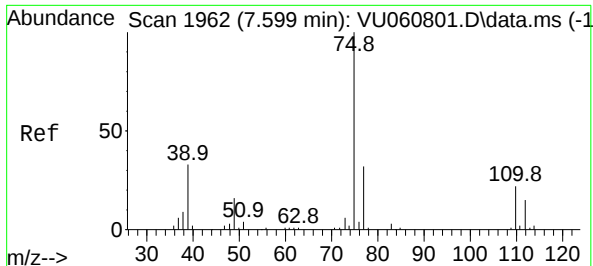
Tgt Ion: 63 Resp: 61771
Ion Ratio Lower Upper
63 100
112 2.6 2.0 3.0



#38
Bromodichloromethane
Concen: 4.485 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion: 83 Resp: 73615
Ion Ratio Lower Upper
83 100
85 62.1 45.6 84.8
127 9.1 7.0 10.6

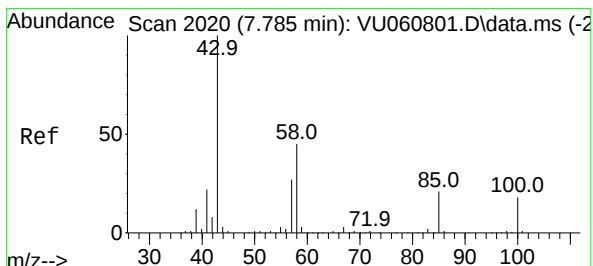
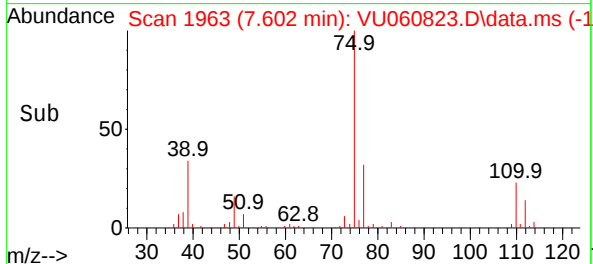
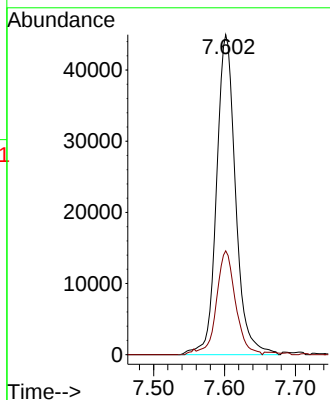
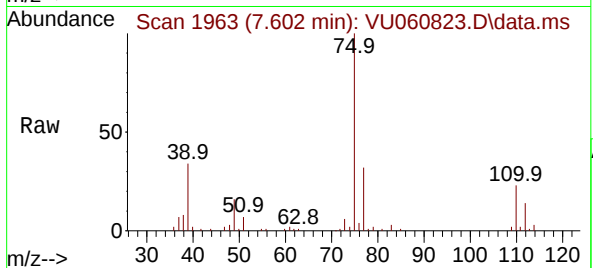




#39
 cis-1,3-Dichloropropene
 Concen: 4.714 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU060823.D
 Acq: 17 Sep 2024 10:43

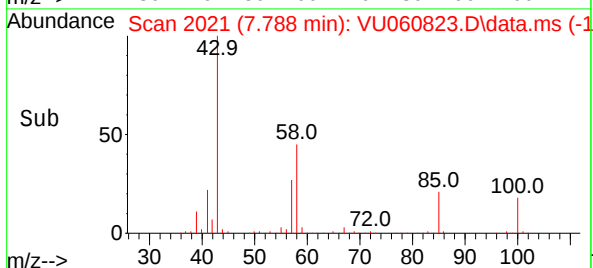
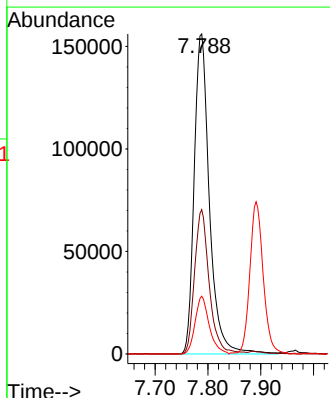
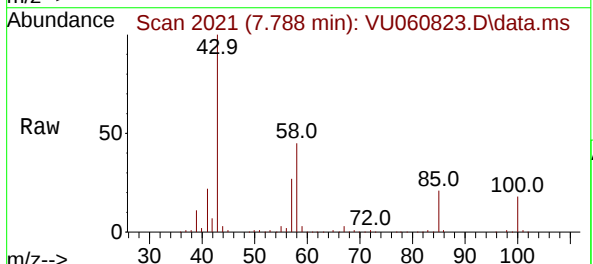
Instrument :
 MSVOA_U
 ClientSampleId :

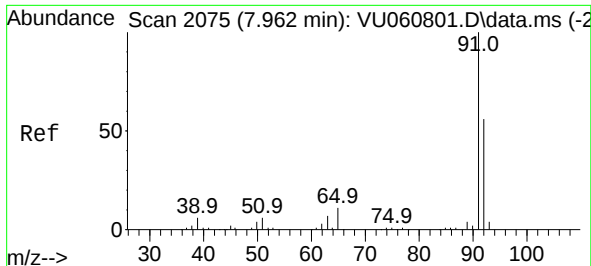
Tgt Ion: 75 Resp: 83895
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 50.033 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.003 min
 Lab File: VU060823.D
 Acq: 17 Sep 2024 10:43

Tgt Ion: 43 Resp: 312605
 Ion Ratio Lower Upper
 43 100
 58 43.5 34.9 52.3
 100 16.7 13.4 20.0





#42

Toluene

Concen: 5.134 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

Instrument :

MSVOA_U

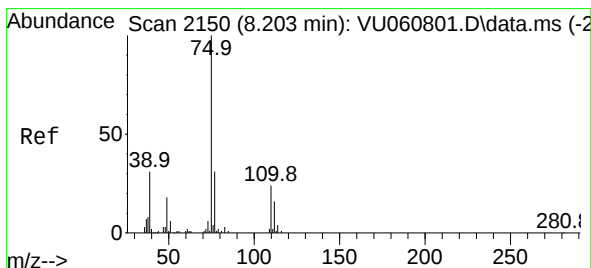
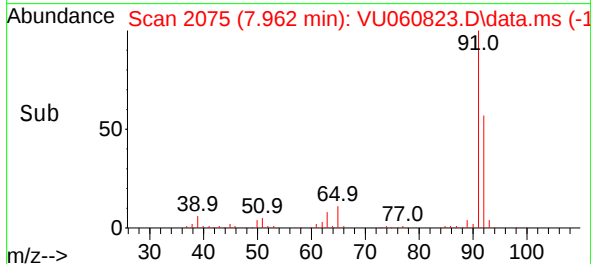
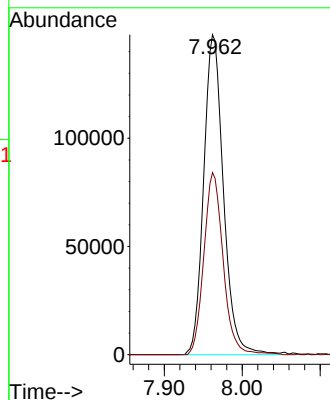
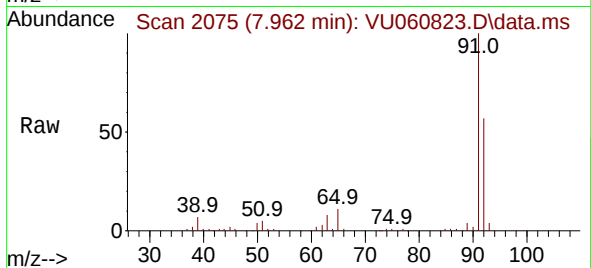
ClientSampleId :

Tgt Ion: 91 Resp: 260657

Ion Ratio Lower Upper

91 100

92 56.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.925 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060823.D

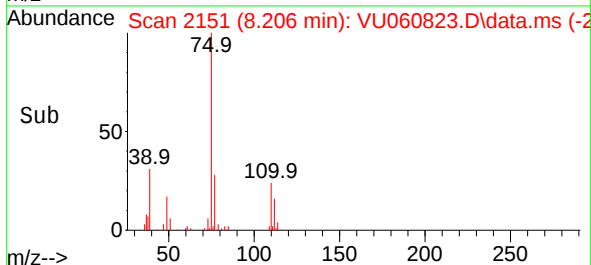
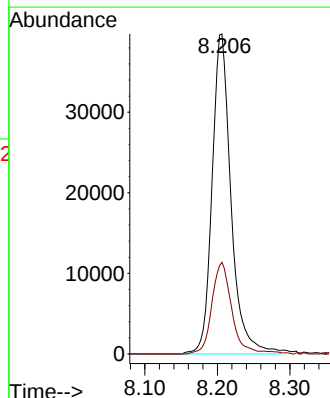
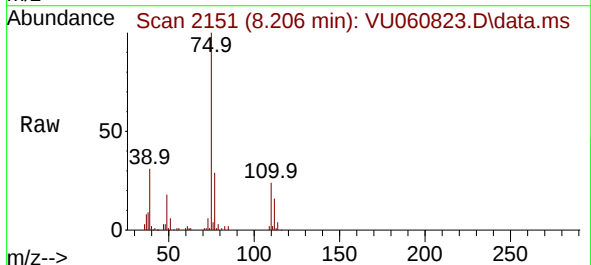
Acq: 17 Sep 2024 10:43

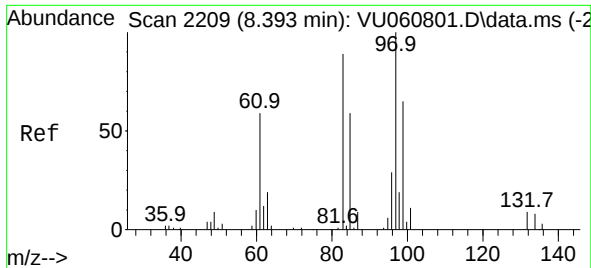
Tgt Ion: 75 Resp: 72066

Ion Ratio Lower Upper

75 100

77 28.6 23.1 42.9

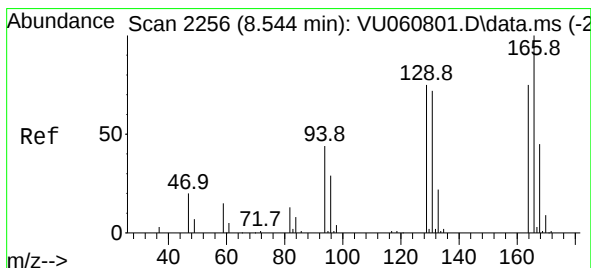
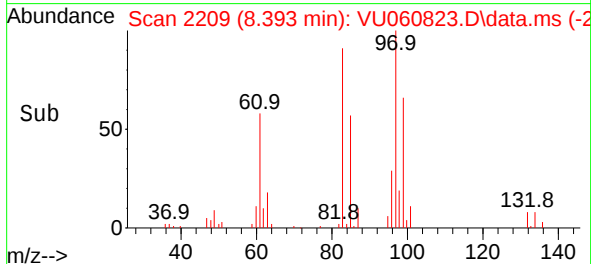
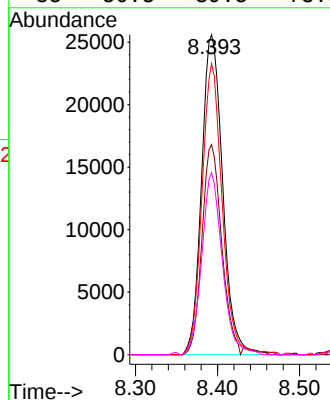
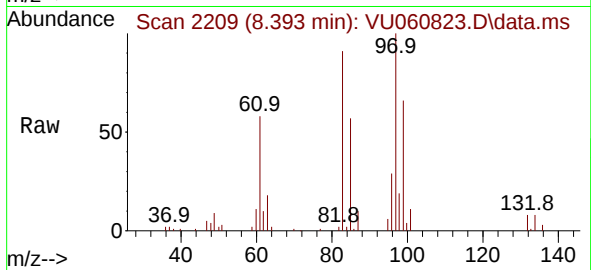




#45
1,1,2-Trichloroethane
Concen: 4.748 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

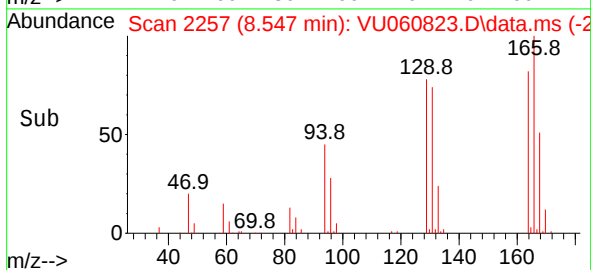
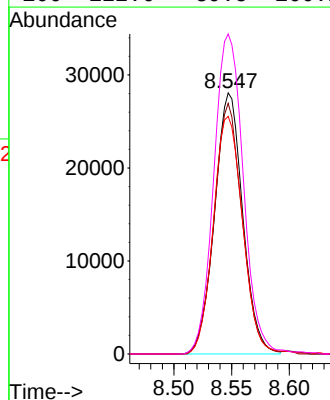
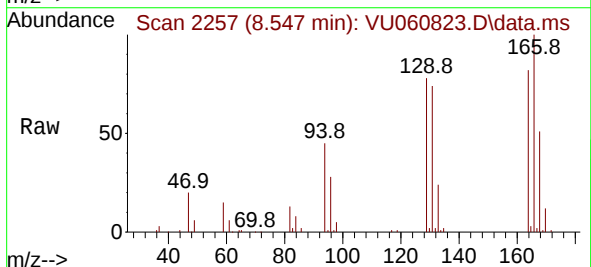
Instrument :
MSVOA_U
ClientSampleId :

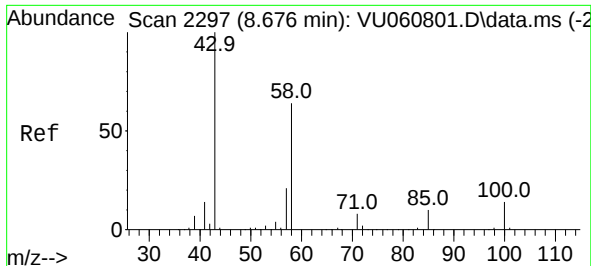
Tgt Ion:	97	Resp:	45863
Ion	Ratio	Lower	Upper
97	100		
99	65.7	42.3	78.5
83	90.9	61.7	114.5
85	56.8	39.5	73.3



#47
Tetrachloroethene
Concen: 4.712 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

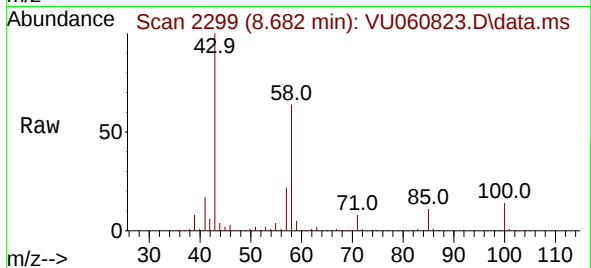
Tgt Ion:	164	Resp:	47664
Ion	Ratio	Lower	Upper
164	100		
129	96.0	67.3	124.9
131	91.0	65.4	121.4
166	122.6	89.5	166.1



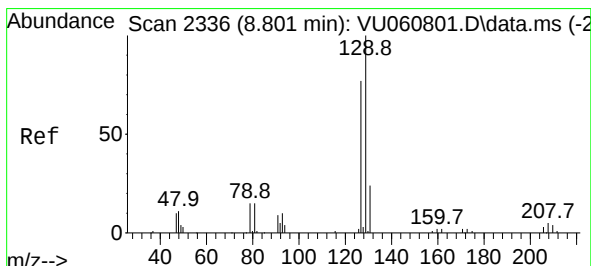
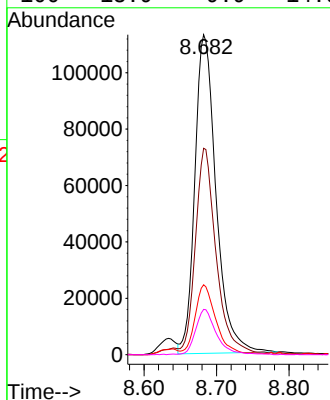
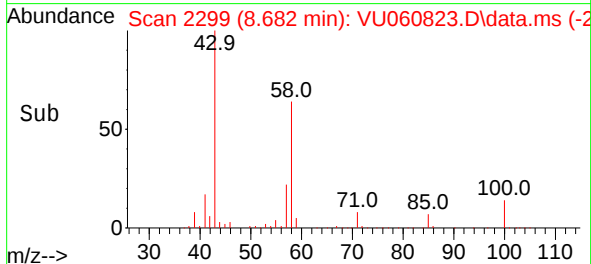


#48
2-Hexanone
Concen: 50.654 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Instrument :
MSVOA_U
ClientSampleId :

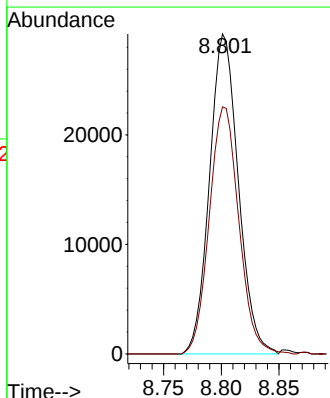
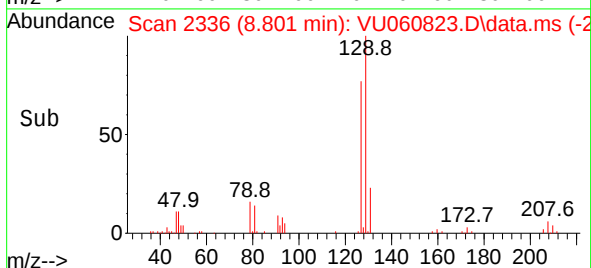
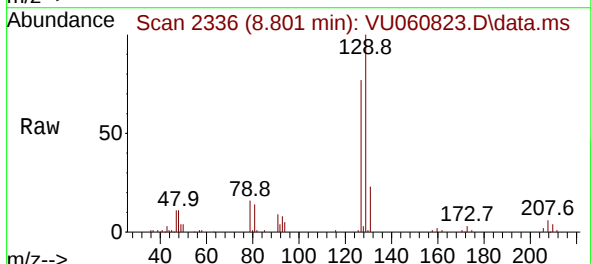


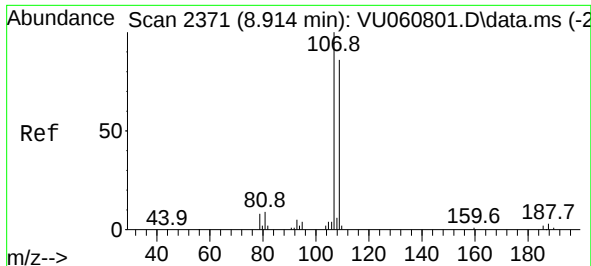
Tgt Ion:	43	Resp:	230689
Ion	Ratio	Lower	Upper
43	100		
58	61.6	48.3	72.5
57	20.3	15.9	23.9
100	13.9	9.9	14.9



#49
Dibromochloromethane
Concen: 4.619 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion:	129	Resp:	50795
Ion	Ratio	Lower	Upper
129	100		
127	77.2	56.1	104.1





#50

1,2-Dibromoethane

Concen: 4.874 ug/L

RT: 8.917 min Scan# 24

Delta R.T. 0.003 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

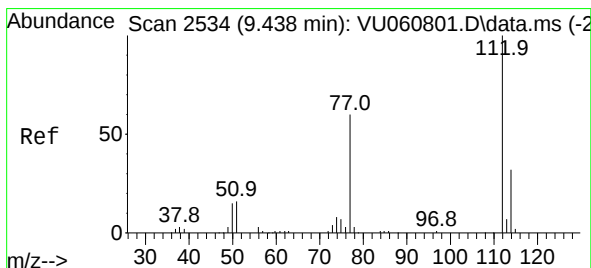
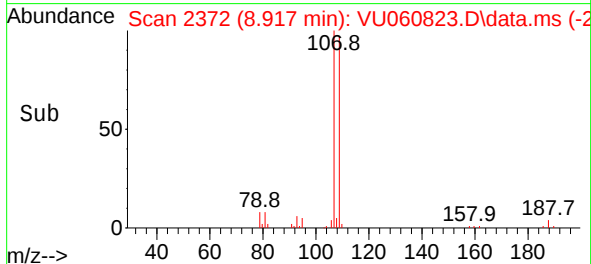
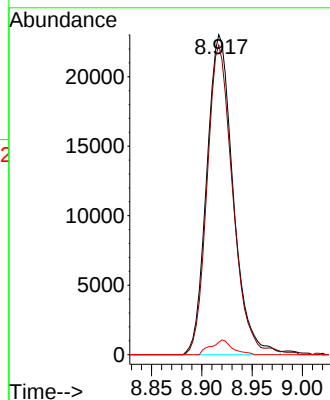
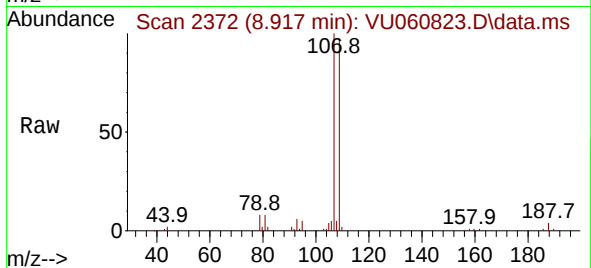
Tgt Ion:107 Resp: 42016

Ion Ratio Lower Upper

107 100

109 96.7 66.8 124.0

188 3.9 3.4 5.0



#51

Chlorobenzene

Concen: 4.733 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

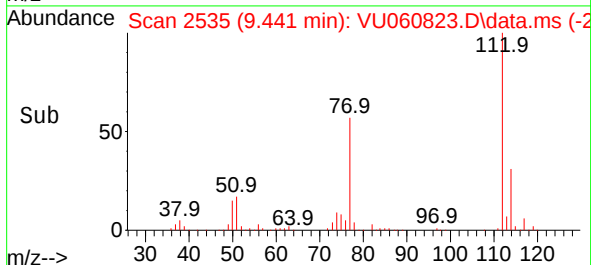
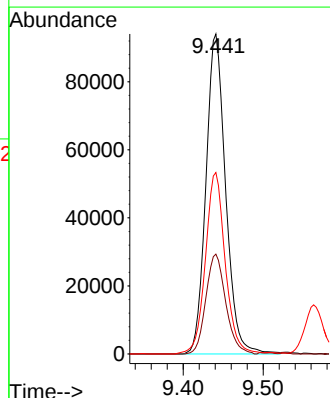
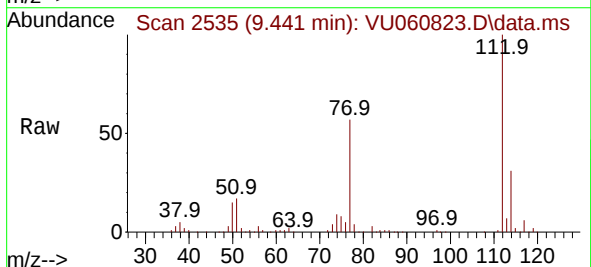
Tgt Ion:112 Resp: 161349

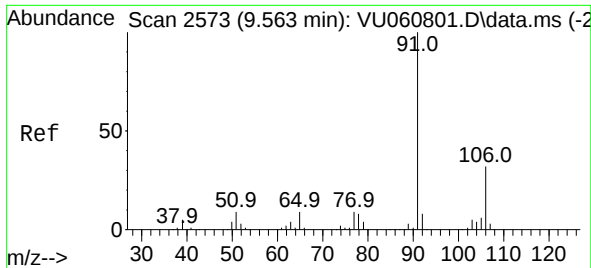
Ion Ratio Lower Upper

112 100

114 31.2 22.2 41.2

77 56.7 46.1 69.1

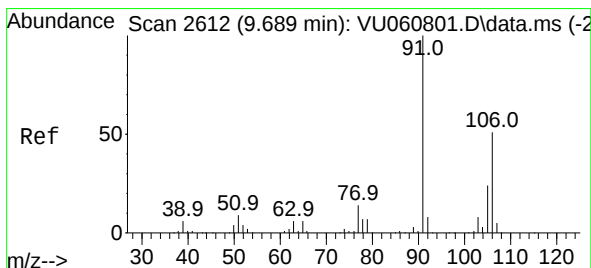
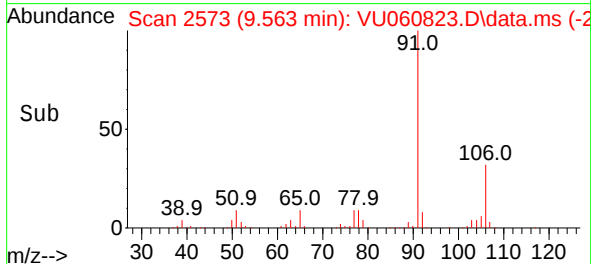
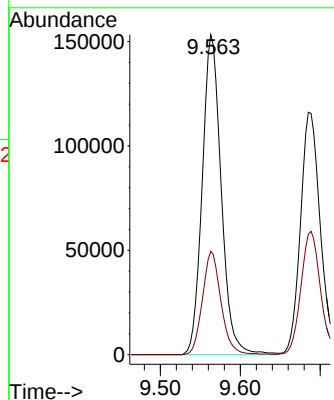
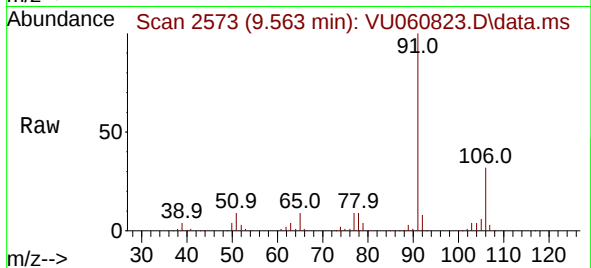




#52
Ethylbenzene
Concen: 4.742 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

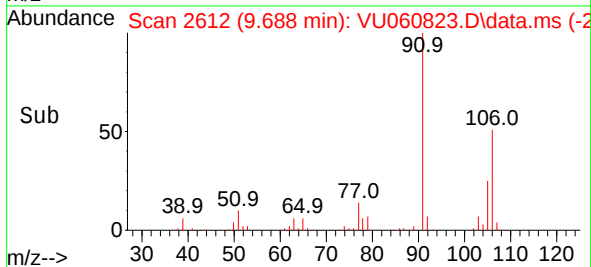
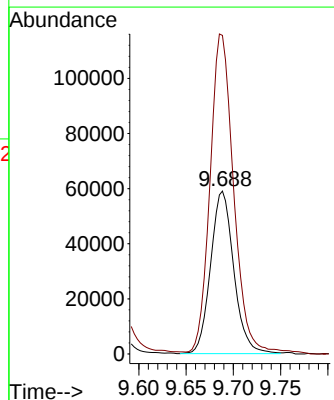
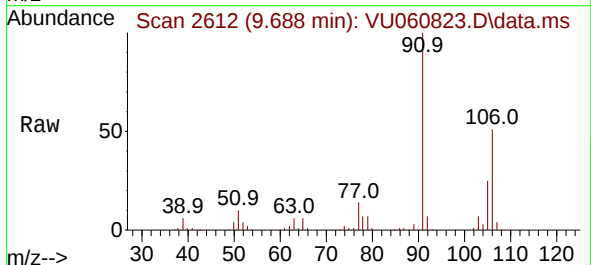
Instrument :
MSVOA_U
ClientSampleId :

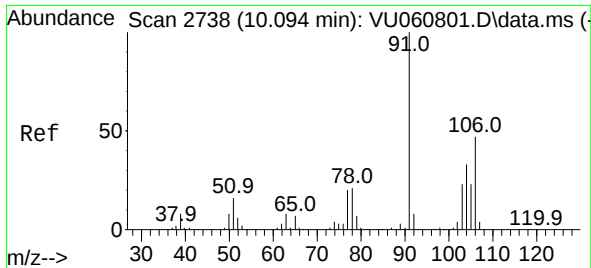
Tgt Ion: 91 Resp: 253433
Ion Ratio Lower Upper
91 100
106 32.3 21.8 40.6



#53
m,p-Xylene
Concen: 4.971 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion:106 Resp: 100746
Ion Ratio Lower Upper
106 100
91 195.5 139.7 259.4

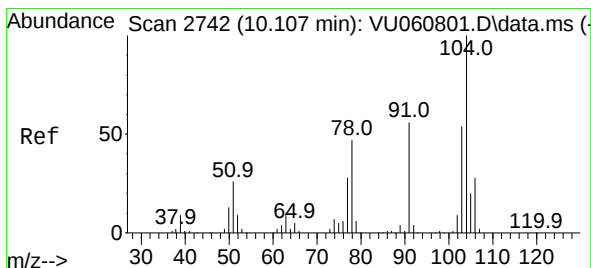
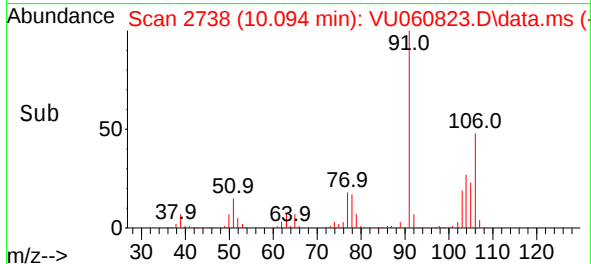
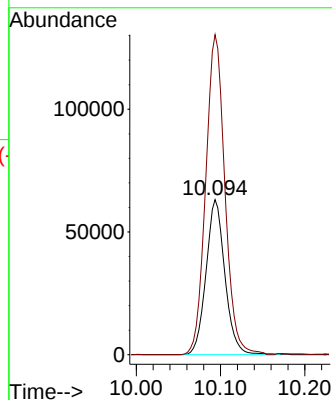
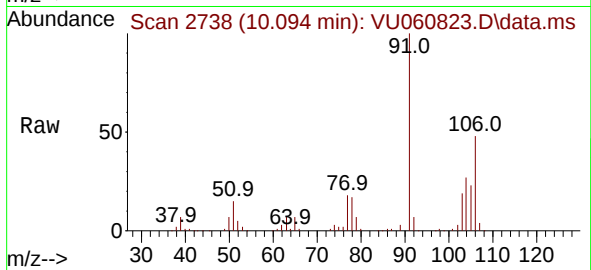




#54
o-Xylene
Concen: 4.924 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

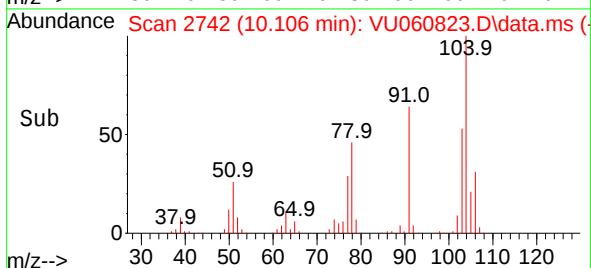
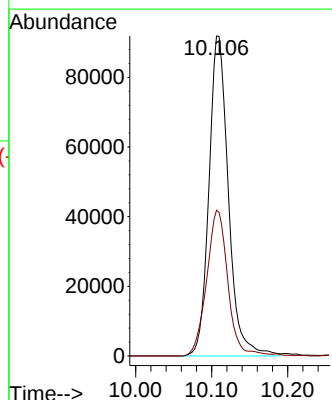
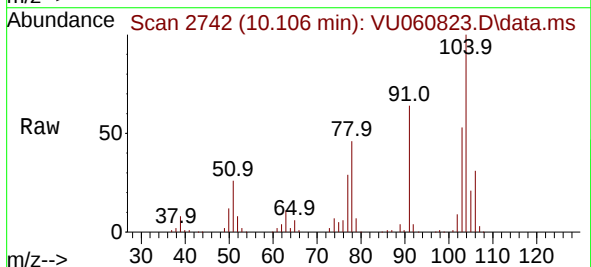
Instrument :
MSVOA_U
ClientSampleId :

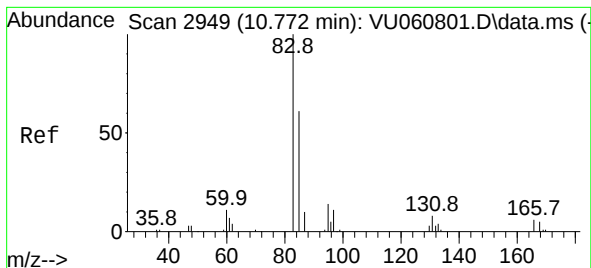
Tgt Ion:106 Resp: 98470
Ion Ratio Lower Upper
106 100
91 206.4 148.6 276.0



#55
Styrene
Concen: 4.851 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion:104 Resp: 163513
Ion Ratio Lower Upper
104 100
78 45.5 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.766 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

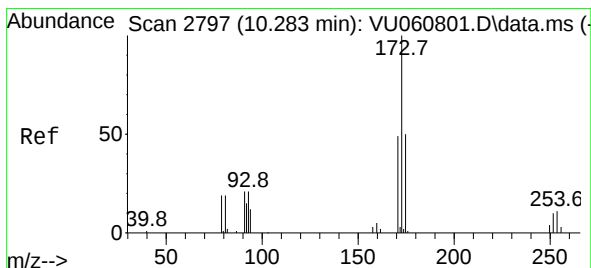
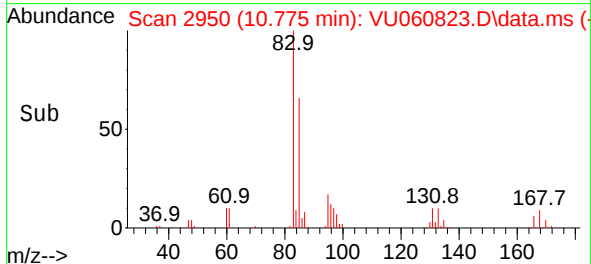
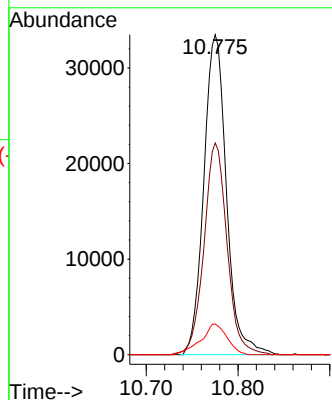
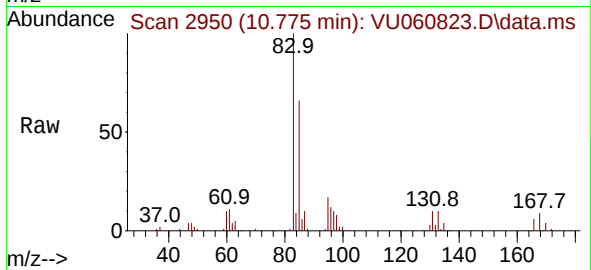
Tgt Ion: 83 Resp: 57416

Ion Ratio Lower Upper

83 100

85 66.2 42.9 79.7

131 9.6 8.4 12.6



#59

Bromoform

Concen: 4.596 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

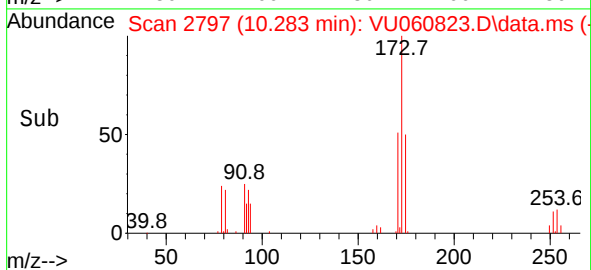
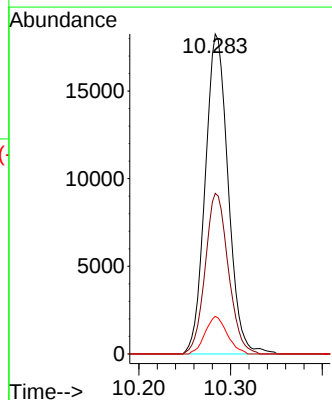
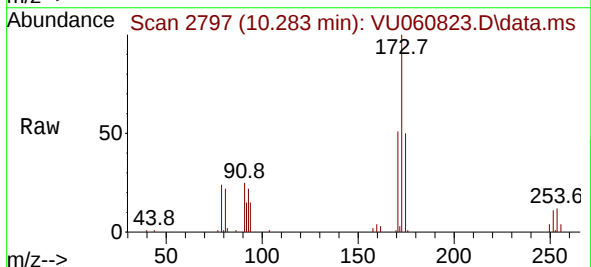
Tgt Ion:173 Resp: 31689

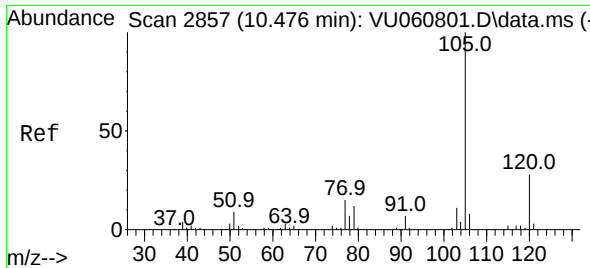
Ion Ratio Lower Upper

173 100

175 50.7 39.1 58.7

254 11.2 8.7 13.1

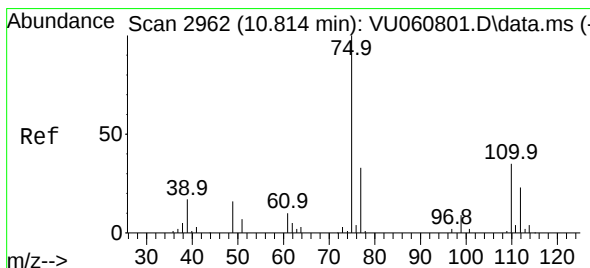
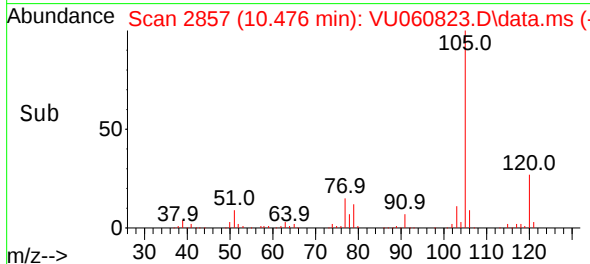
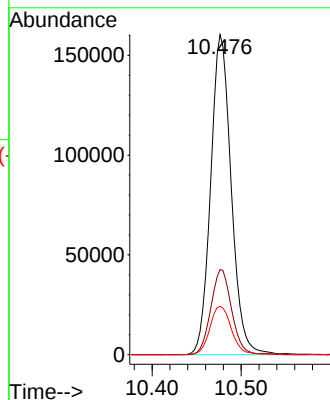
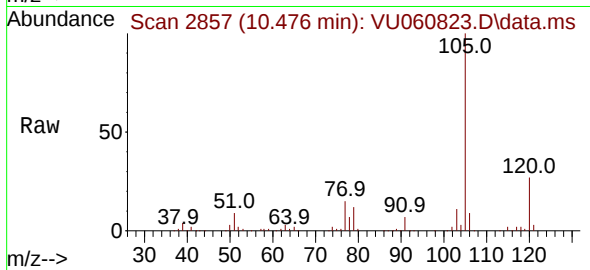




#60
Isopropylbenzene
Concen: 4.733 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

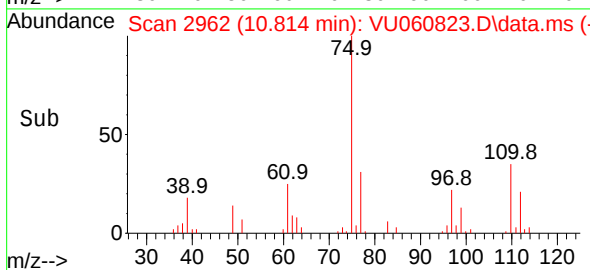
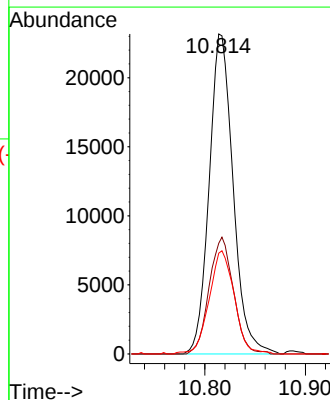
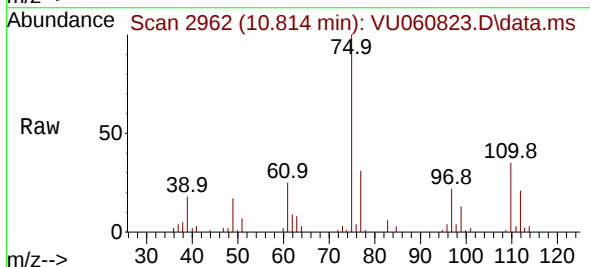
Instrument :
MSVOA_U
ClientSampleId :

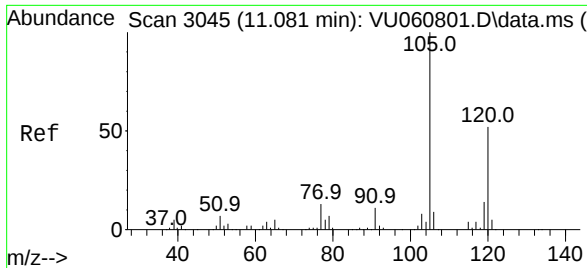
Tgt Ion:105 Resp: 256612
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 16.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.495 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion: 75 Resp: 38352
Ion Ratio Lower Upper
75 100
110 36.9 28.6 43.0
77 33.9 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 4.571 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

Instrument :

MSVOA_U

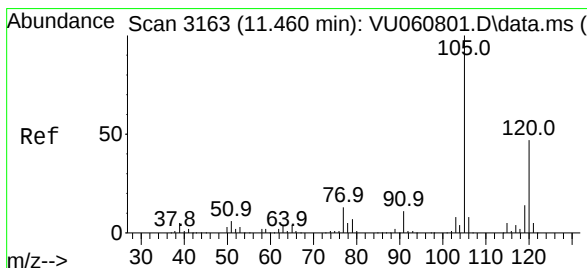
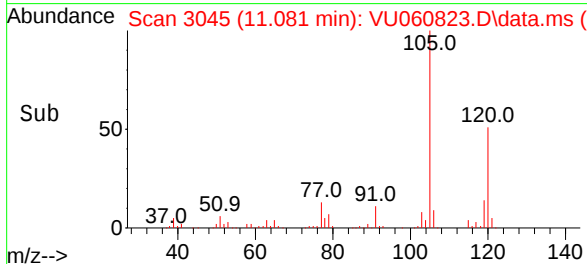
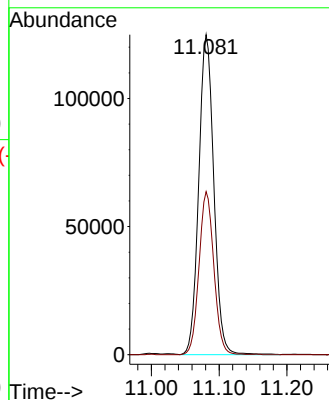
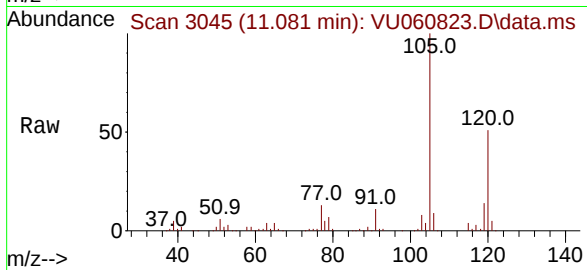
ClientSampleId :

Tgt Ion:105 Resp: 192577

Ion Ratio Lower Upper

105 100

120 50.1 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.744 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU060823.D

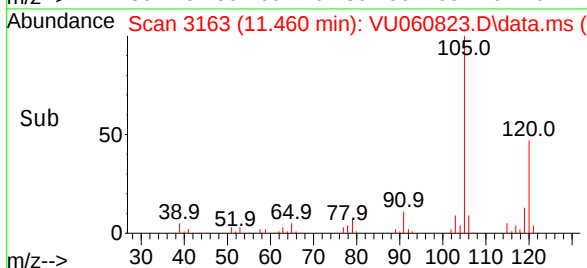
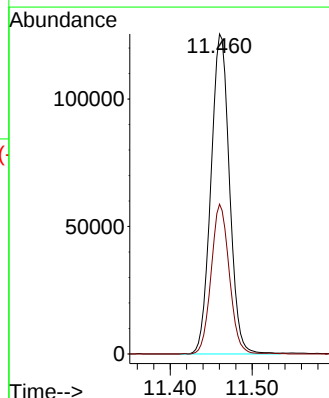
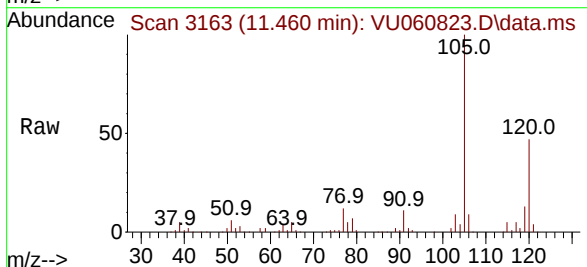
Acq: 17 Sep 2024 10:43

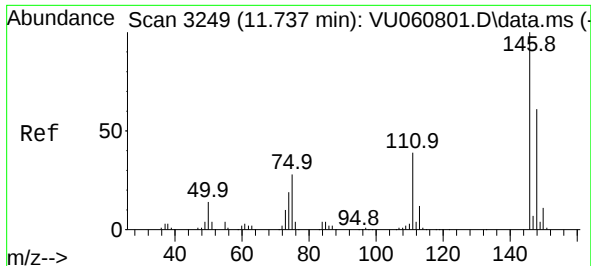
Tgt Ion:105 Resp: 197510

Ion Ratio Lower Upper

105 100

120 45.6 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 4.743 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

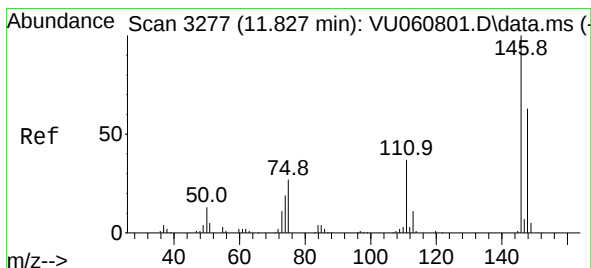
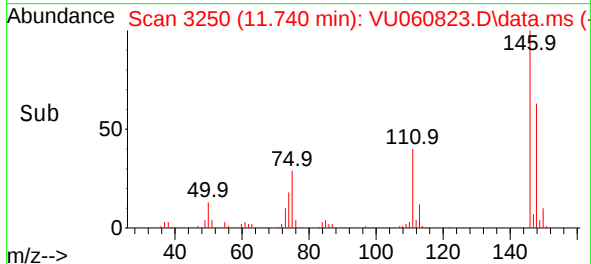
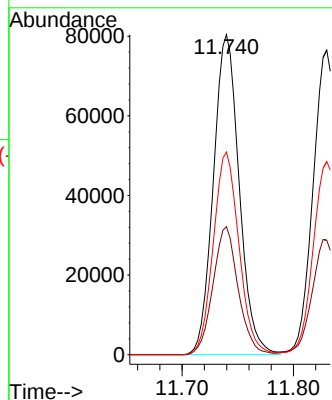
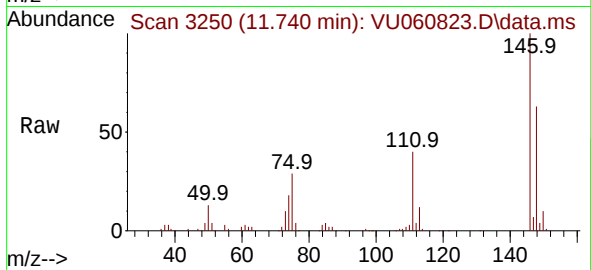
Tgt Ion:146 Resp: 129283

Ion Ratio Lower Upper

146 100

111 40.0 27.5 51.1

148 63.4 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.514 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

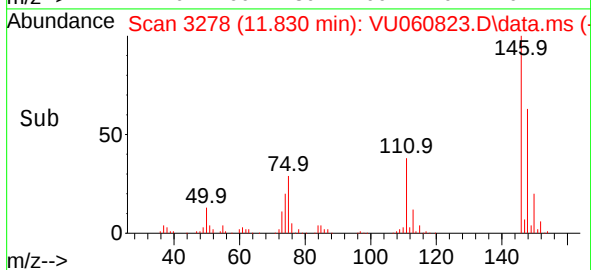
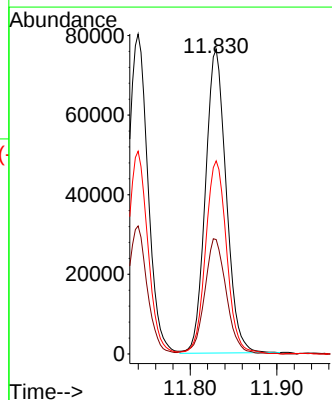
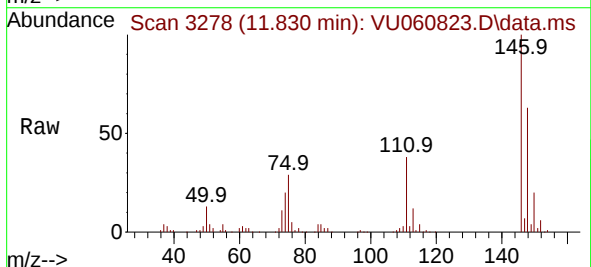
Tgt Ion:146 Resp: 127198

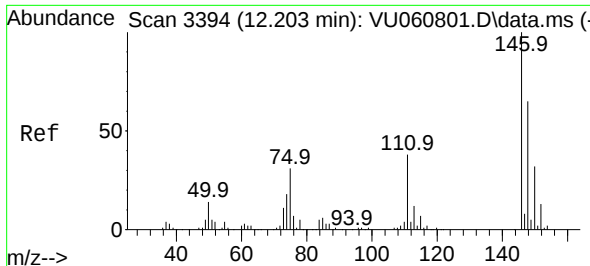
Ion Ratio Lower Upper

146 100

111 37.6 26.3 48.9

148 63.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.665 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

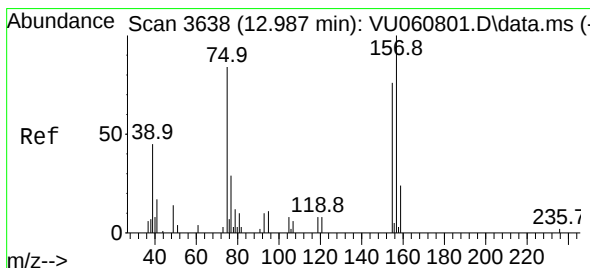
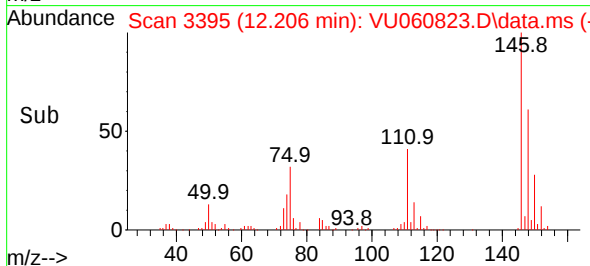
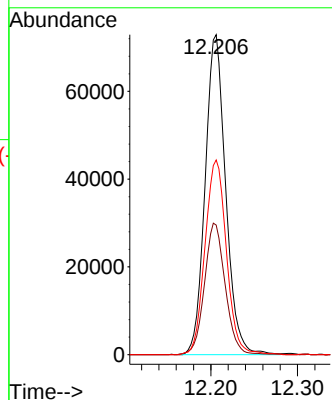
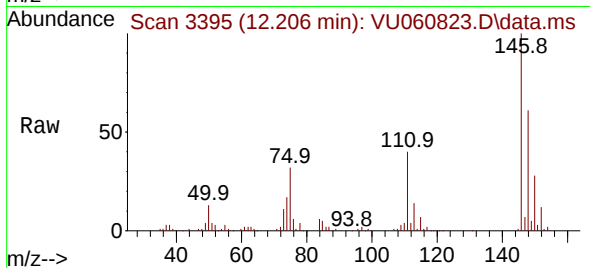
Tgt Ion:146 Resp: 120232

Ion Ratio Lower Upper

146 100

111 40.5 33.4 50.0

148 60.8 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.595 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

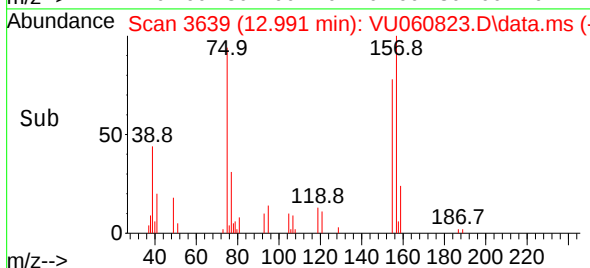
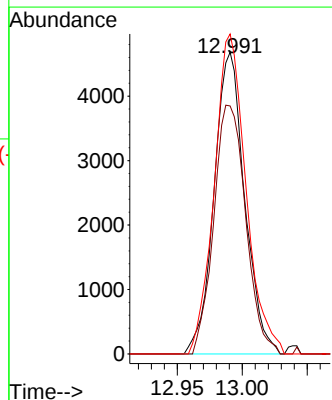
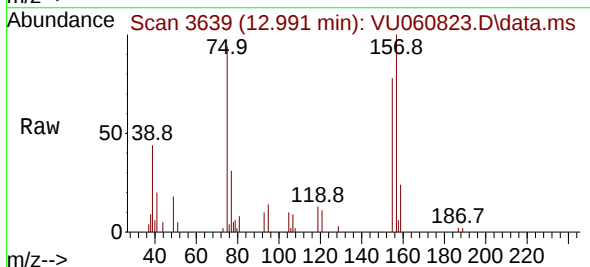
Tgt Ion: 75 Resp: 7656

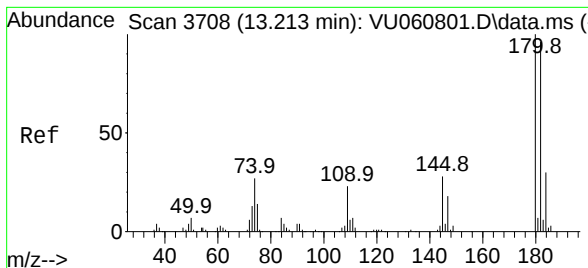
Ion Ratio Lower Upper

75 100

155 82.2 73.1 109.7

157 106.0 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.626 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

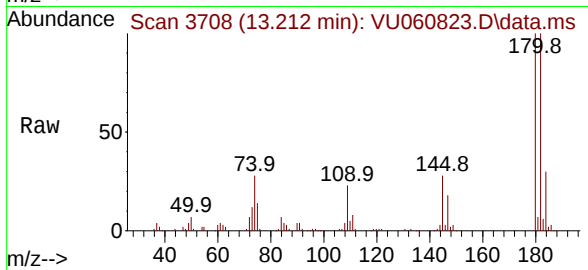
Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 94329

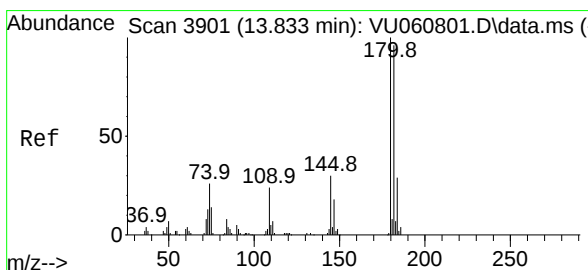
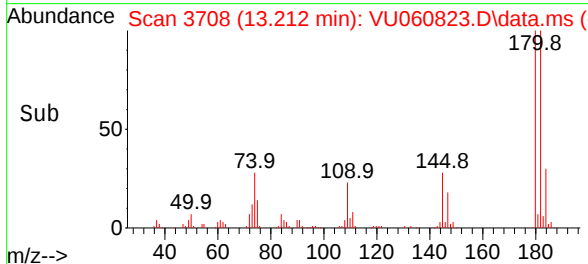
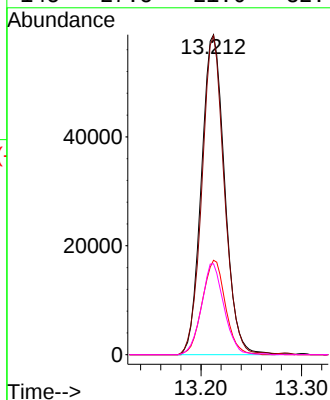
Ion Ratio Lower Upper

180 100

182 95.9 74.5 111.7

184 29.4 23.2 34.8

145 27.5 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.735 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060823.D

Acq: 17 Sep 2024 10:43

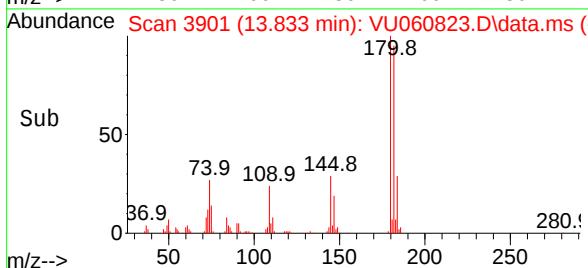
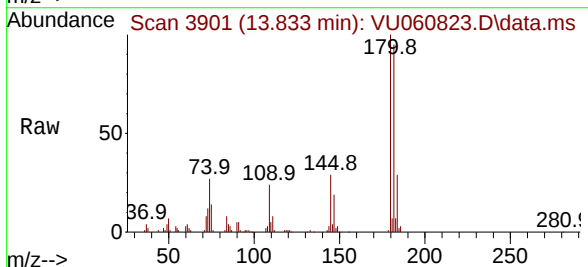
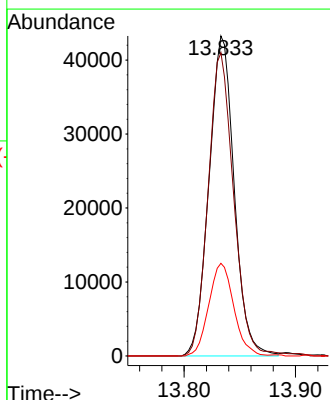
Tgt Ion:180 Resp: 68014

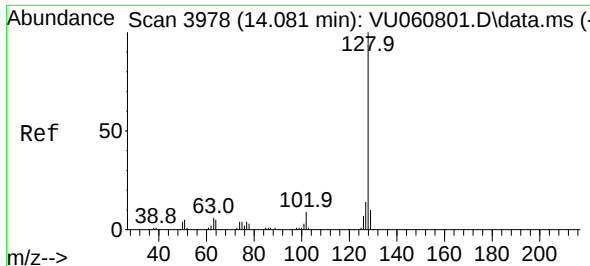
Ion Ratio Lower Upper

180 100

182 95.7 77.4 116.2

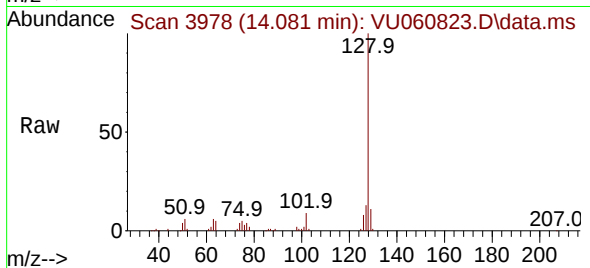
145 28.7 22.9 34.3



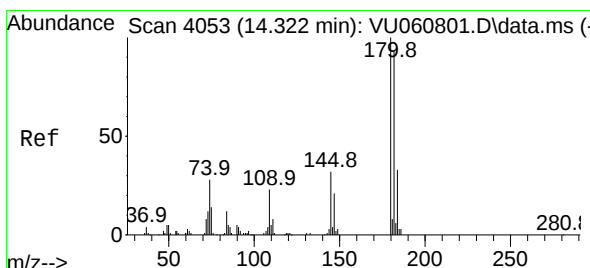
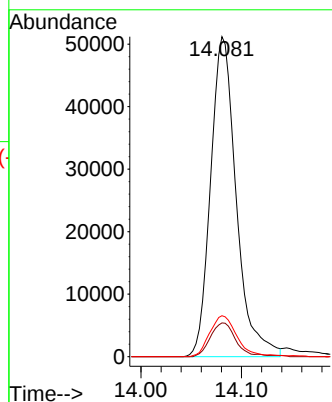
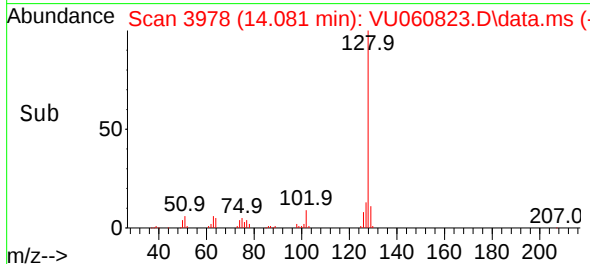


#71
Naphthalene
Concen: 4.794 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 90823
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 13.7 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.942 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU060823.D
Acq: 17 Sep 2024 10:43

Tgt Ion:180 Resp: 61327
Ion Ratio Lower Upper
180 100
182 95.6 75.7 113.5
145 30.6 23.5 35.3

