

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060885.D
 Acq On : 18 Sep 2024 21:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 05:18:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 05:11:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49584	3.422	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.911	69	40921	3.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.560	65	18838	3.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.631	46	104054	44.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.460%
24) Chloroform-d	5.055	84	98814	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.692	65	44659	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.721	84	193702	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	57935	4.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.891	98	185894	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	21573	4.382	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.627	63	93971	48.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50065	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	67249	4.644	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54635	4.493	ug/L	97
3) Chloromethane	1.518	50	53807	4.189	ug/L	98
5) Vinyl chloride	1.602	62	61655	4.435	ug/L	95
6) Bromomethane	1.856	94	34393	3.871	ug/L	100
8) Chloroethane	1.930	64	37841	4.455	ug/L	97
9) Trichlorofluoromethane	2.136	101	88224	4.620	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	51286	4.622	ug/L	94
12) 1,1-Dichloroethene	2.576	96	47914	4.728	ug/L	78
13) Acetone	2.650	43	68081	43.870	ug/L	94
14) Carbon disulfide	2.788	76	123052	4.377	ug/L	97
15) Methyl Acetate	2.959	43	18310	4.839	ug/L	92
16) Methylene chloride	3.039	84	54856	4.674	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	107963	4.714	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	49335	4.698	ug/L	91
19) 1,1-Dichloroethane	3.859	63	96431	4.574	ug/L	97
21) 2-Butanone	4.711	43	111734	44.229	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	56337	4.848	ug/L	91
23) Bromochloromethane	4.968	128	28407	5.176	ug/L	88
25) Chloroform	5.078	83	103704	4.717	ug/L	99

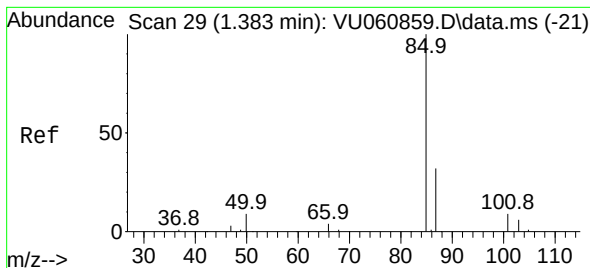
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060885.D
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 ALS Vial : 29 Sample Multiplier: 1

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 MSVOA_U
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59640	4.682	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	85134	4.782	ug/L	98
30) Cyclohexane	5.380	56	63505	4.340	ug/L	94
31) Carbon tetrachloride	5.515	117	75112	4.765	ug/L	98
33) Benzene	5.766	78	217798	4.803	ug/L	100
34) Trichloroethene	6.534	95	57717	4.855	ug/L	92
35) Methylcyclohexane	6.756	83	70065	4.296	ug/L	97
37) 1,2-Dichloropropane	6.782	63	59656	4.774	ug/L #	95
38) Bromodichloromethane	7.097	83	74110	4.835	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	78698	4.735	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	277333	47.530	ug/L	97
42) Toluene	7.962	91	244422	5.155	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	65452	4.789	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	44851	4.972	ug/L	99
47) Tetrachloroethene	8.547	164	47843	5.065	ug/L	95
48) 2-Hexanone	8.679	43	208563	49.038	ug/L	97
49) Dibromochloromethane	8.801	129	52821	5.144	ug/L	94
50) 1,2-Dibromoethane	8.917	107	41817	5.194	ug/L	98
51) Chlorobenzene	9.441	112	159607	5.013	ug/L	98
52) Ethylbenzene	9.563	91	243722	4.883	ug/L	99
53) m,p-Xylene	9.685	106	96442	5.096	ug/L	98
54) o-Xylene	10.094	106	92009	4.927	ug/L	95
55) Styrene	10.106	104	159873	5.079	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	53803	4.782	ug/L	90
59) Bromoform	10.283	173	30401	4.681	ug/L	96
60) Isopropylbenzene	10.476	105	239971	4.699	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37611	4.679	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	178612	4.500	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	183366	4.675	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	122809	4.782	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	124617	4.695	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	117588	4.843	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7153	4.557	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	87025	4.530	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	63701	4.708	ug/L	99
71) Naphthalene	14.081	128	81491	4.566	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	56877	4.865	ug/L	97

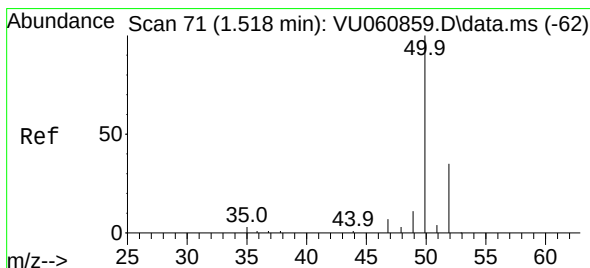
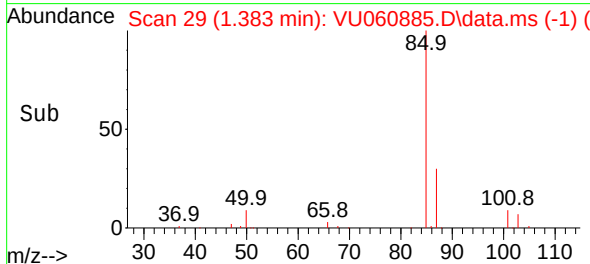
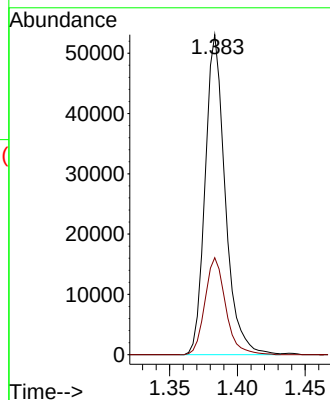
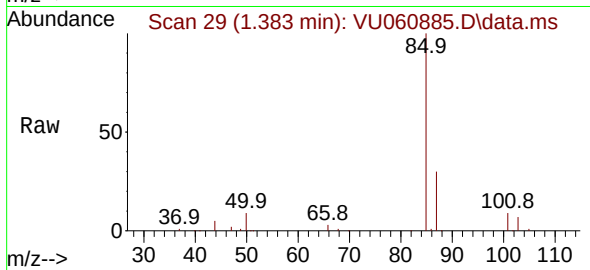
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#2
 Dichlorodifluoromethane
 Concen: 4.493 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060885.D
 Acq: 18 Sep 2024 21:13

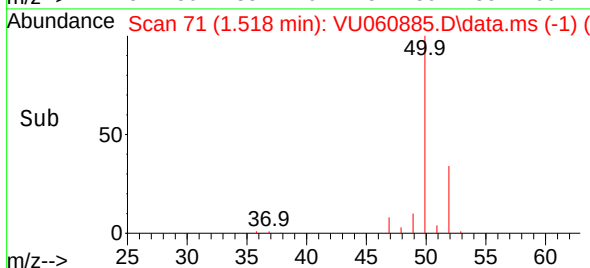
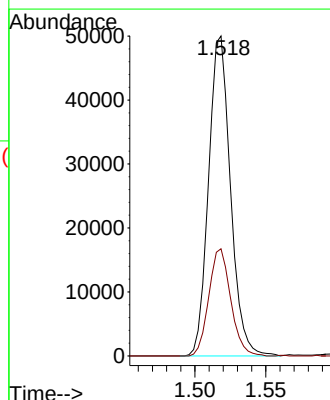
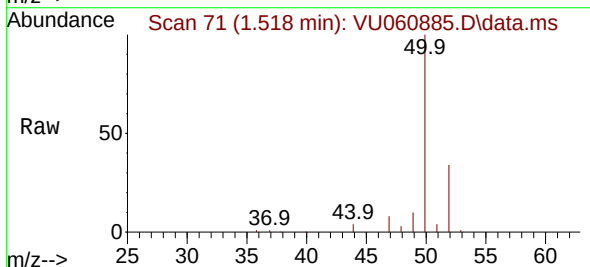
Instrument :
 MSVOA_U
 ClientSampleId :

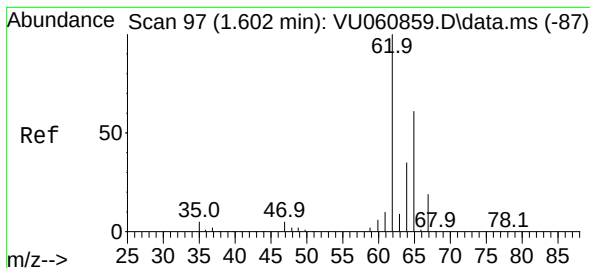
Tgt Ion: 85 Resp: 54635
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.2 39.2



#3
 Chloromethane
 Concen: 4.189 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060885.D
 Acq: 18 Sep 2024 21:13

Tgt Ion: 50 Resp: 53807
 Ion Ratio Lower Upper
 50 100
 52 33.5 24.4 45.4





#5

Vinyl chloride

Concen: 4.435 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

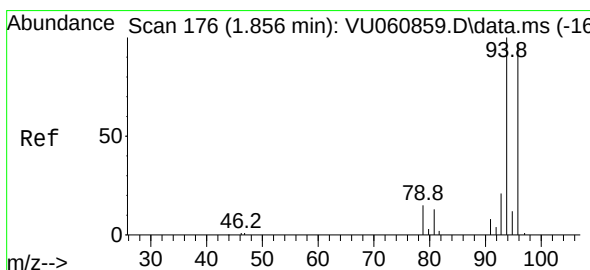
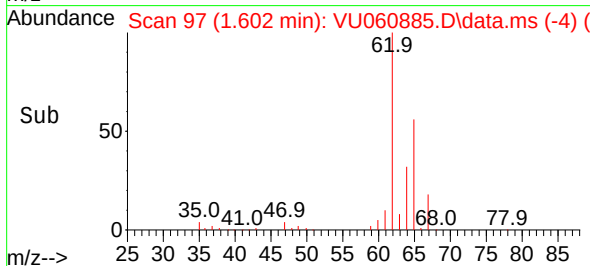
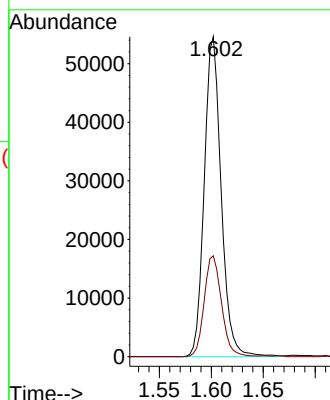
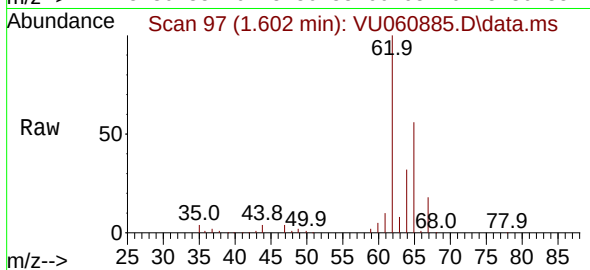
ClientSampleId :

Tgt Ion: 62 Resp: 61655

Ion Ratio Lower Upper

62 100

64 31.5 24.0 44.6



#6

Bromomethane

Concen: 3.871 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060885.D

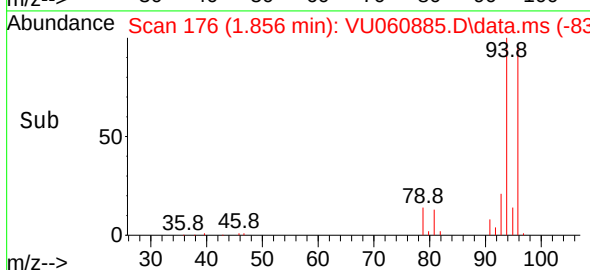
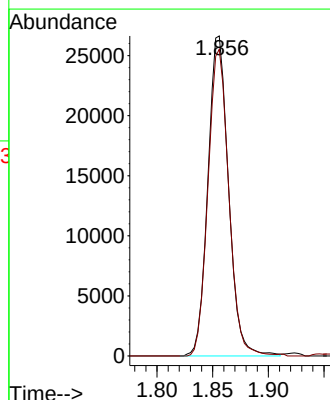
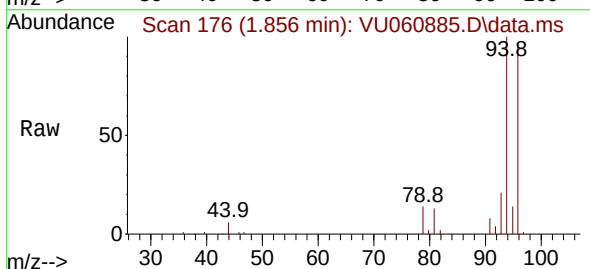
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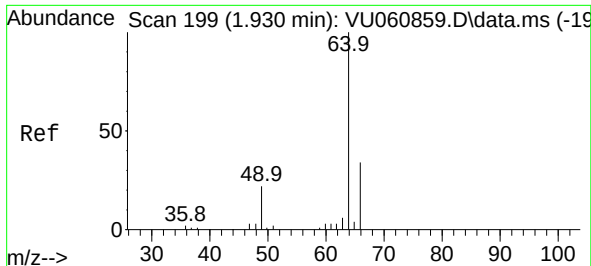
Tgt Ion: 94 Resp: 34393

Ion Ratio Lower Upper

94 100

96 95.8 67.3 124.9

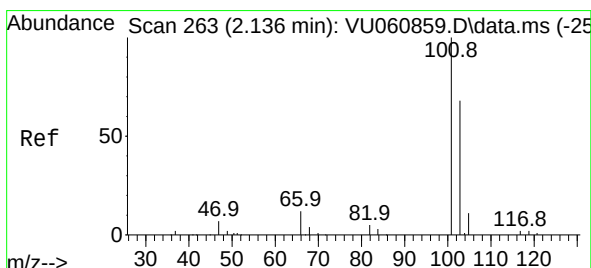
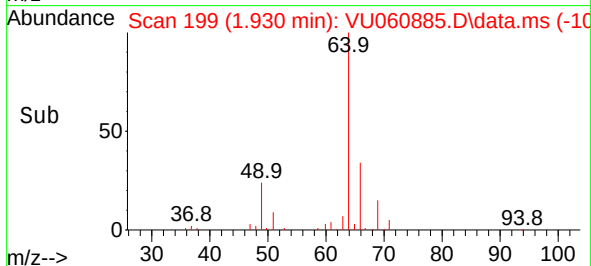
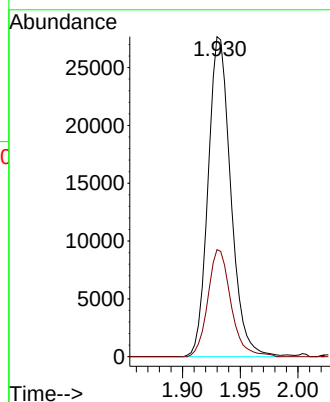
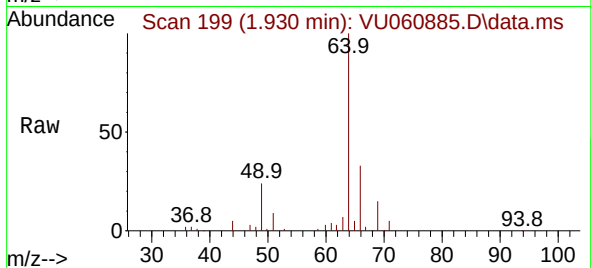




#8
Chloroethane
Concen: 4.455 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

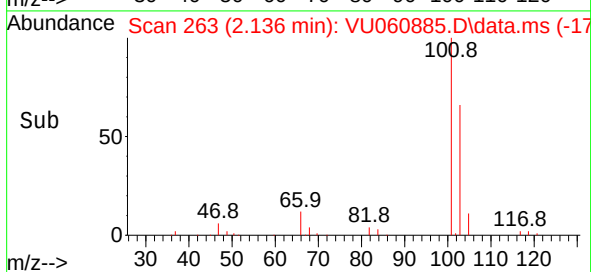
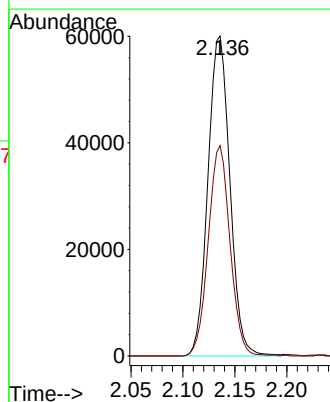
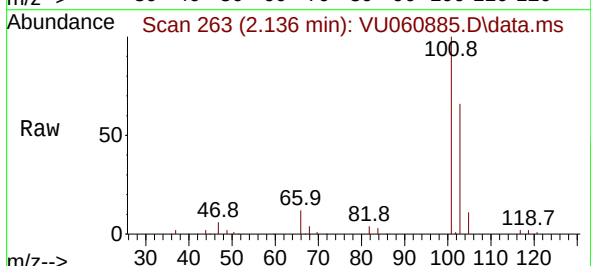
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MSVOA_U
ClientSampleId :

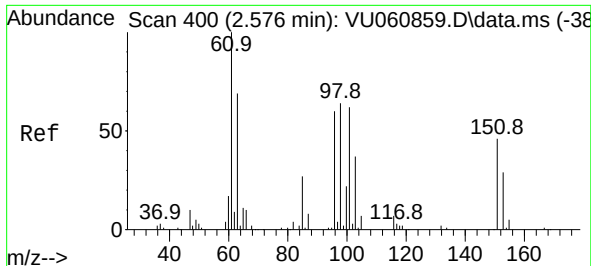
Tgt Ion: 64 Resp: 37841
Ion Ratio Lower Upper
64 100
66 33.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.620 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Tgt Ion:101 Resp: 88224
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

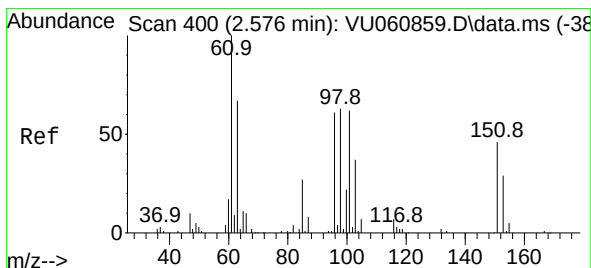
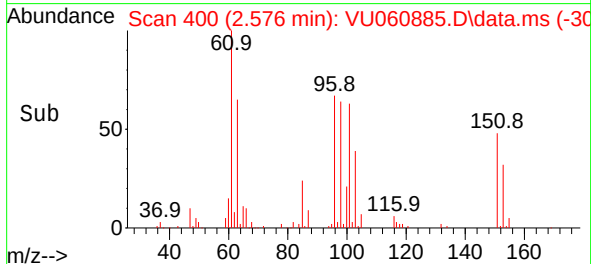
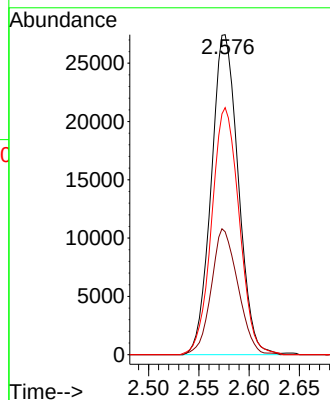
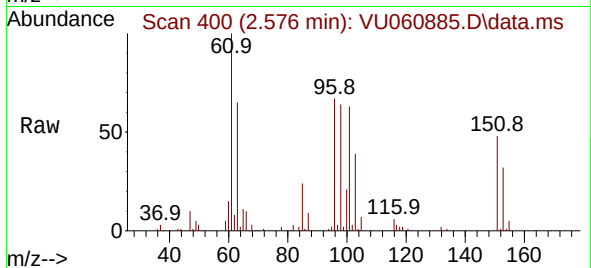




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.622 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060885.D
 Acq: 18 Sep 2024 21:13

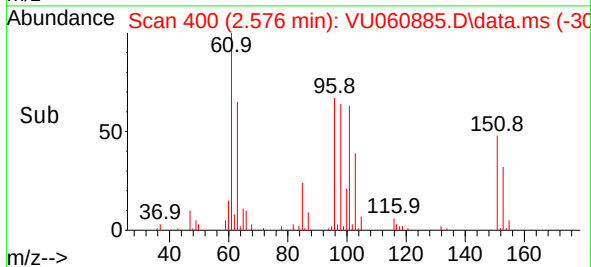
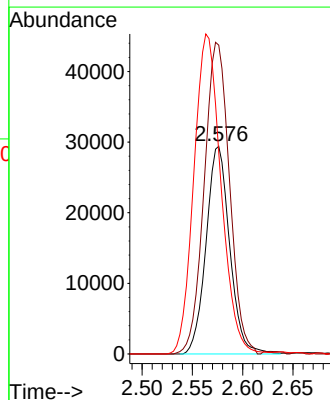
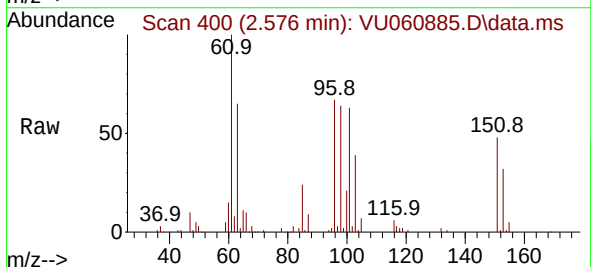
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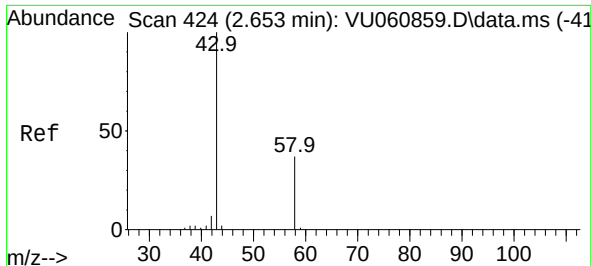
Tgt Ion:101 Resp: 51286
 Ion Ratio Lower Upper
 101 100
 85 38.8 34.2 51.4
 151 78.7 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 4.728 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060885.D
 Acq: 18 Sep 2024 21:13

Tgt Ion: 96 Resp: 47914
 Ion Ratio Lower Upper
 96 100
 61 148.7 120.7 224.1
 63 96.9 90.0 167.2





#13

Acetone

Concen: 43.870 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

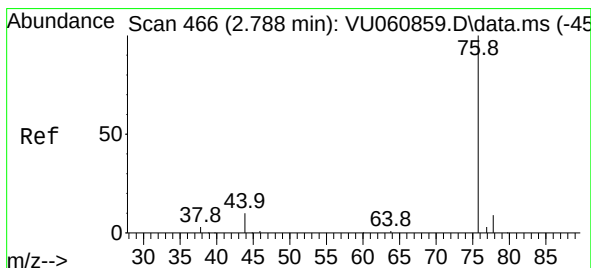
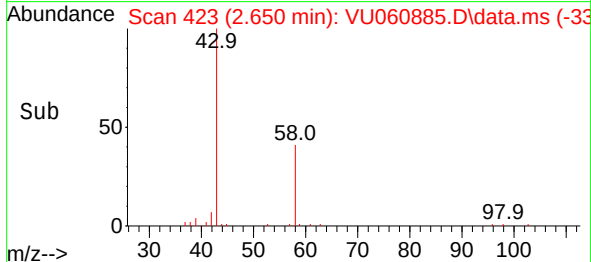
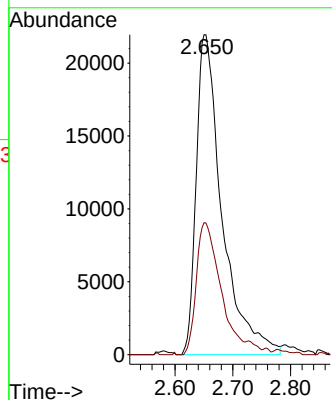
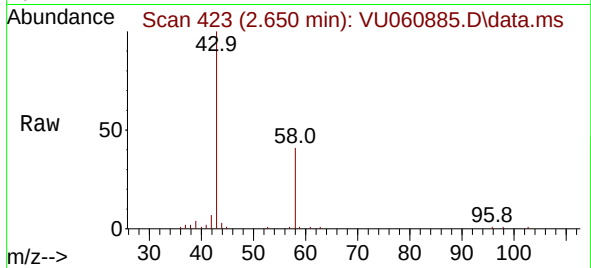
ClientSampleId :

Tgt Ion: 43 Resp: 68081

Ion Ratio Lower Upper

43 100

58 38.4 0.0 69.6



#14

Carbon disulfide

Concen: 4.377 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060885.D

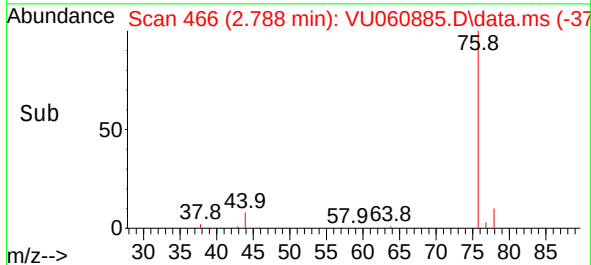
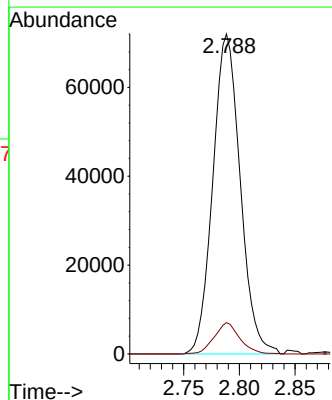
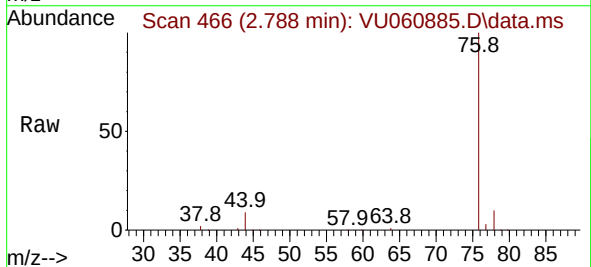
Acq: 18 Sep 2024 21:13

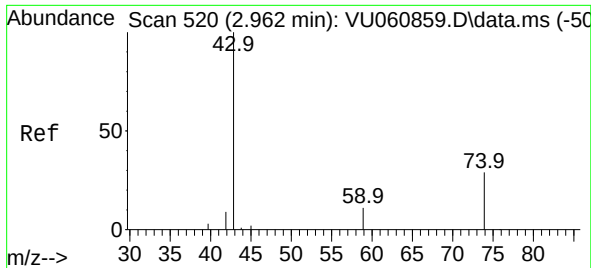
Tgt Ion: 76 Resp: 123052

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7

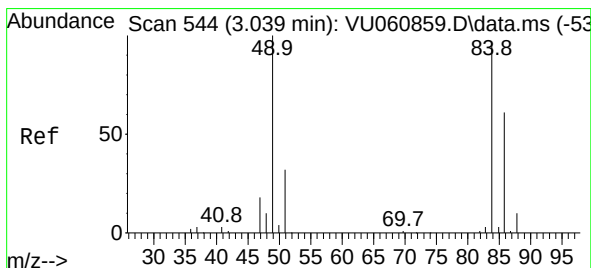
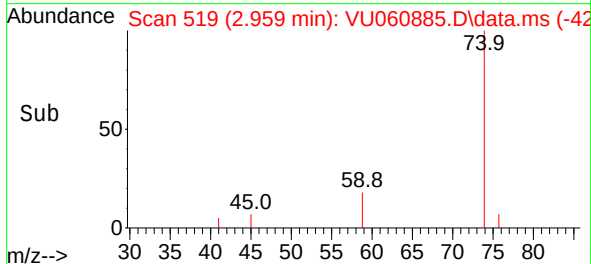
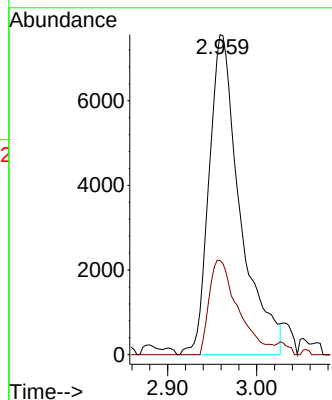
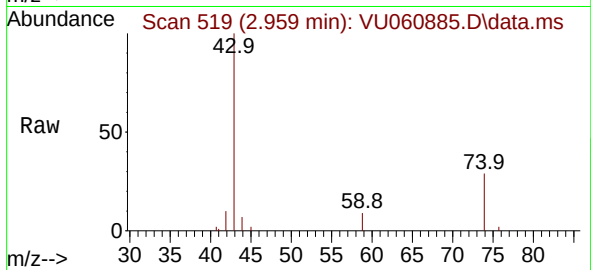




#15
Methyl Acetate
Concen: 4.839 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

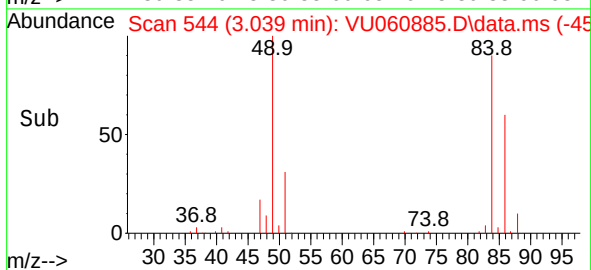
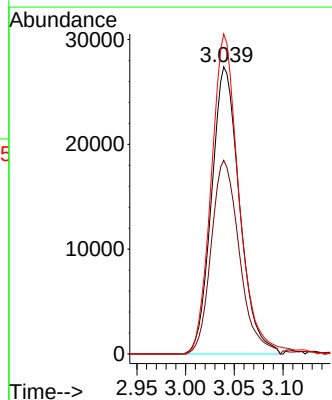
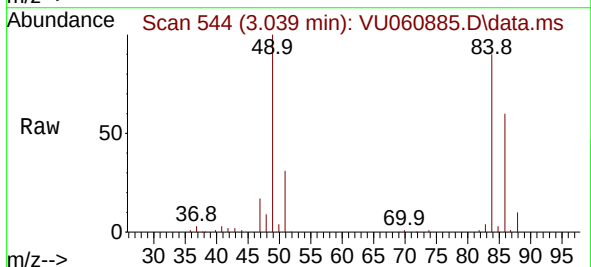
Instrument :
MSVOA_U
ClientSampleId :

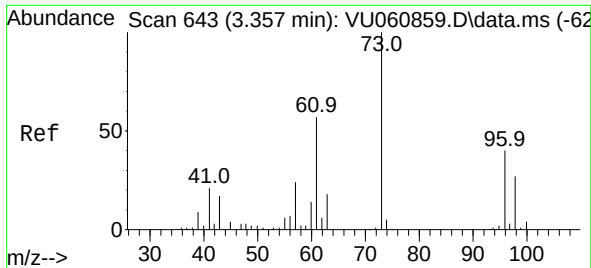
Tgt Ion: 43 Resp: 18310
Ion Ratio Lower Upper
43 100
74 27.8 18.9 28.3



#16
Methylene chloride
Concen: 4.674 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Tgt Ion: 84 Resp: 54856
Ion Ratio Lower Upper
84 100
86 67.4 47.3 87.8
49 111.4 78.7 146.1

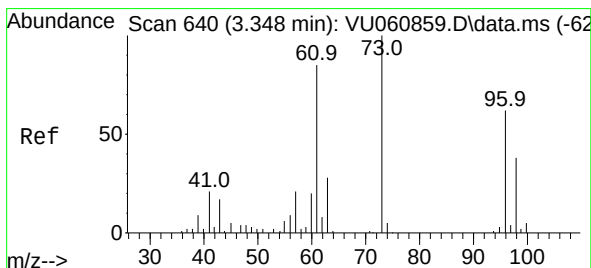
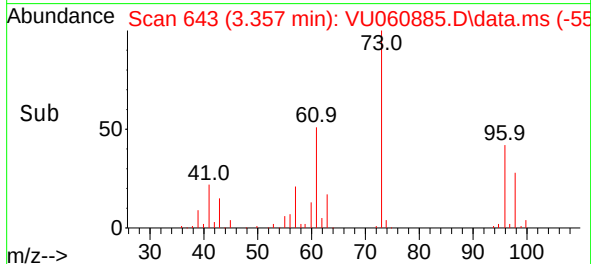
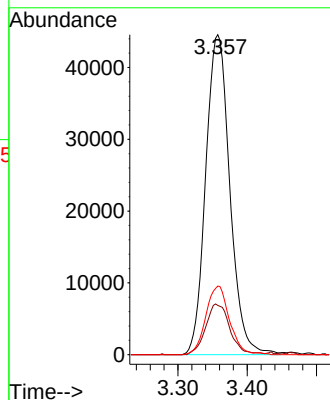
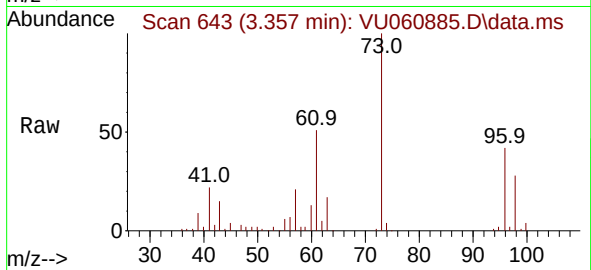




#17
Methyl tert-butyl Ether
Concen: 4.714 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

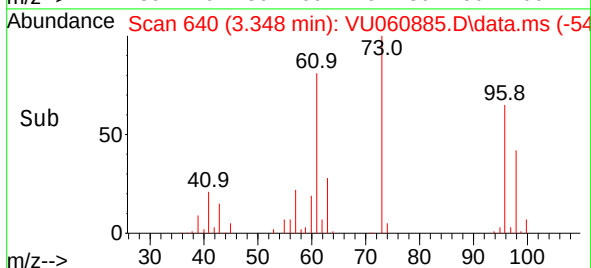
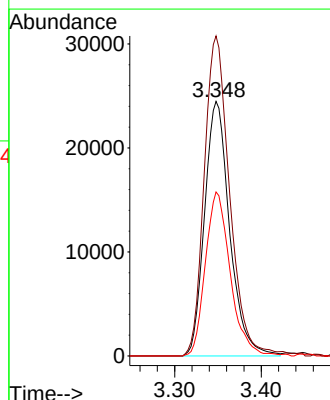
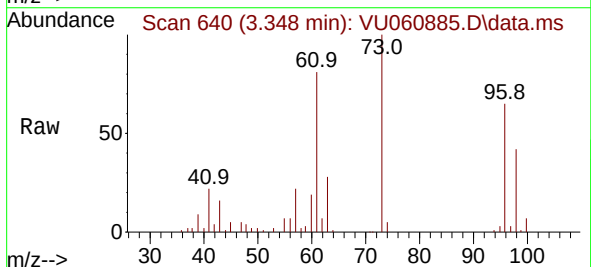
Instrument :
MSVOA_U
ClientSampleId :

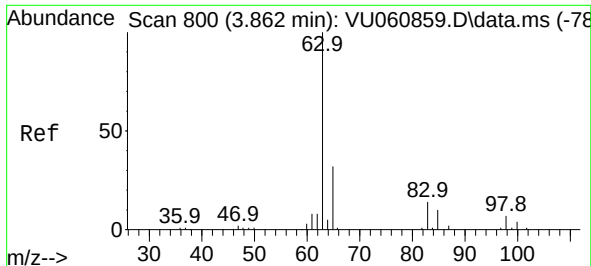
Tgt Ion: 73 Resp: 107963
Ion Ratio Lower Upper
73 100
43 15.9 13.8 20.8
57 20.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.698 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Tgt Ion: 96 Resp: 49335
Ion Ratio Lower Upper
96 100
61 125.7 97.2 180.6
98 64.4 43.3 80.5

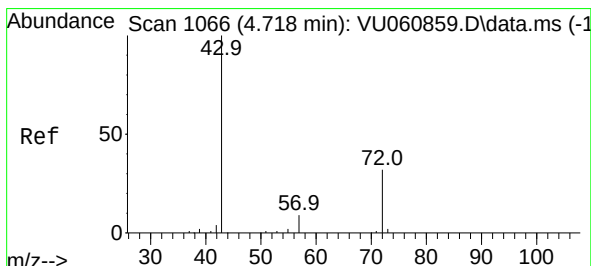
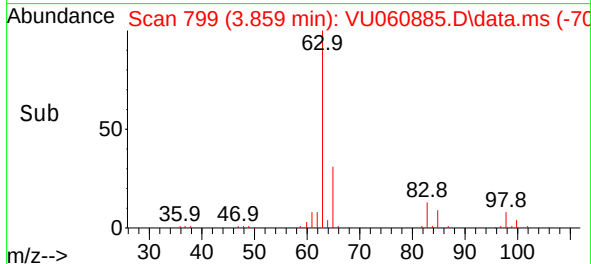
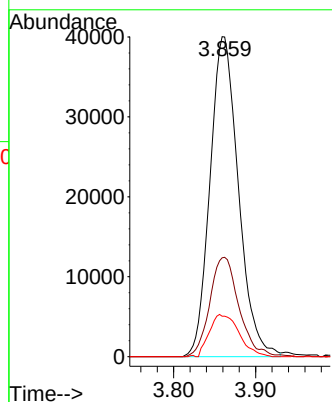
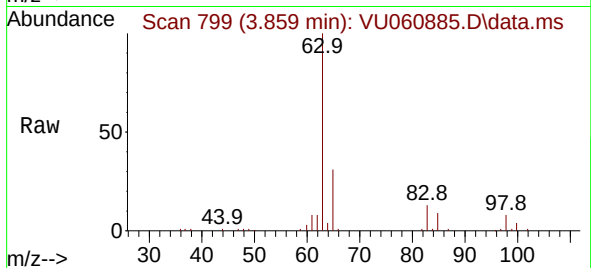




#19
1,1-Dichloroethane
Concen: 4.574 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

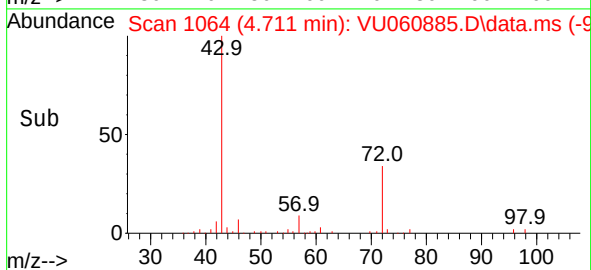
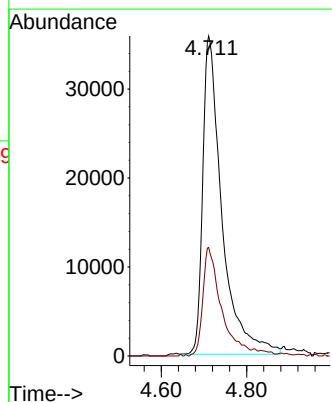
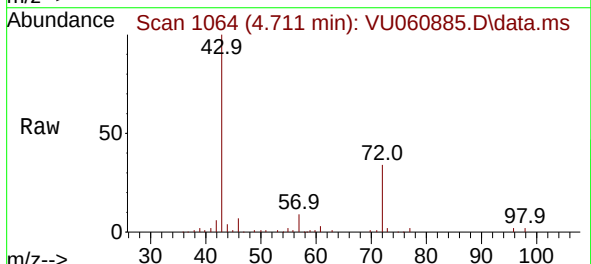
Instrument :
MSVOA_U
ClientSampleId :

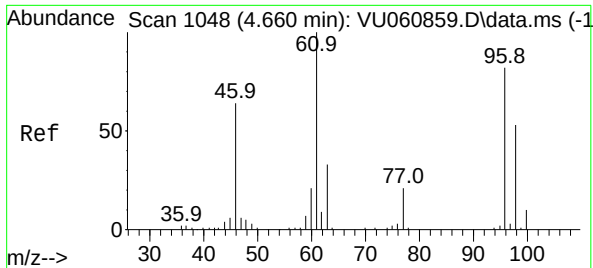
Tgt Ion: 63 Resp: 96431
Ion Ratio Lower Upper
63 100
65 30.9 23.0 42.8
83 12.7 9.0 16.6



#21
2-Butanone
Concen: 44.229 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Tgt Ion: 43 Resp: 111734
Ion Ratio Lower Upper
43 100
72 32.4 14.8 44.3





#22

cis-1,2-Dichloroethene

Concen: 4.848 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

ClientSampleId :

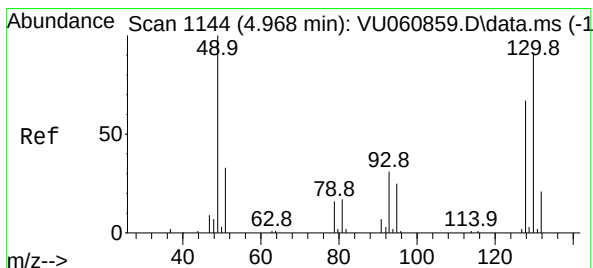
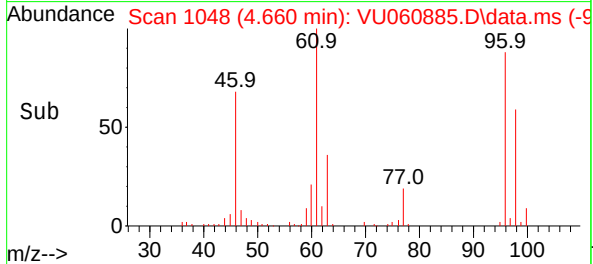
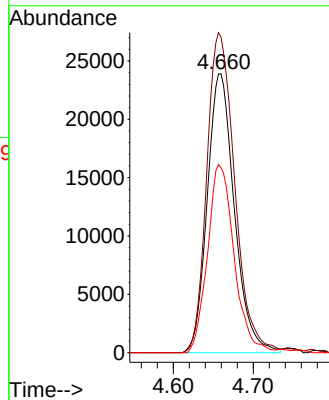
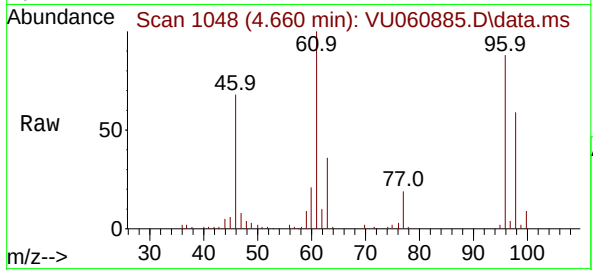
Tgt Ion: 96 Resp: 56337

Ion Ratio Lower Upper

96 100

61 113.2 89.7 166.5

98 66.4 45.1 83.9



#23

Bromochloromethane

Concen: 5.176 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Tgt Ion:128 Resp: 28407

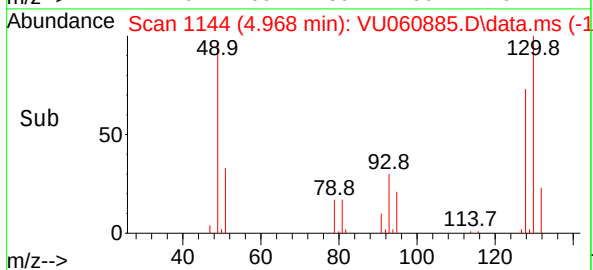
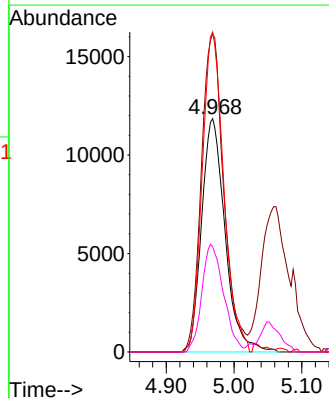
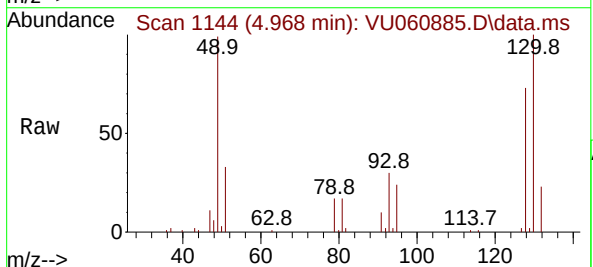
Ion Ratio Lower Upper

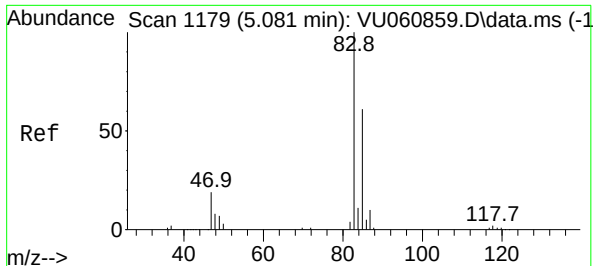
128 100

49 136.4 109.6 203.6

130 137.2 87.8 163.0

51 45.2 37.3 55.9





#25

Chloroform

Concen: 4.717 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

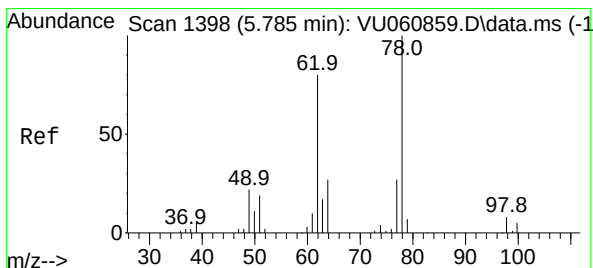
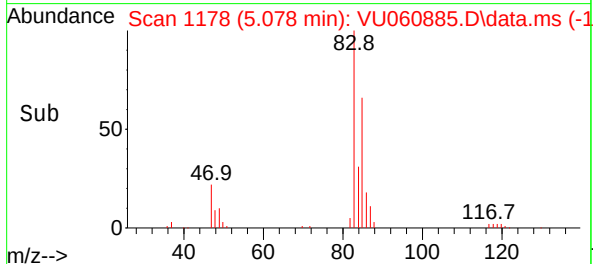
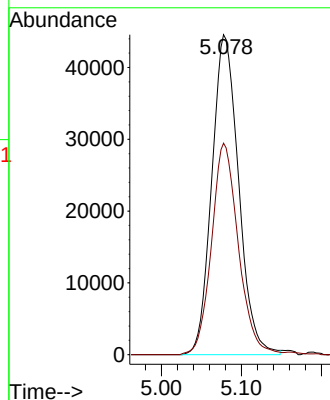
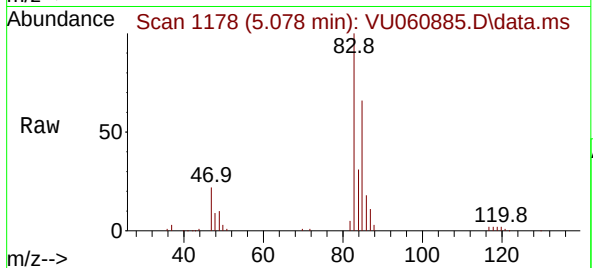
ClientSampleId :

Tgt Ion: 83 Resp: 103704

Ion Ratio Lower Upper

83 100

85 66.1 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.682 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU060885.D

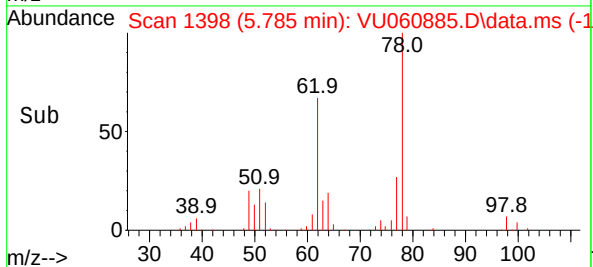
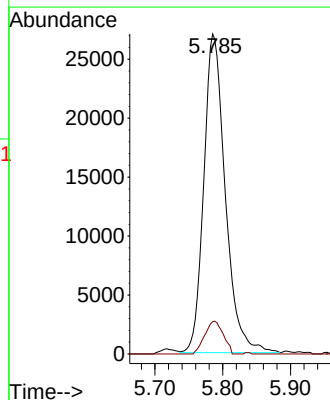
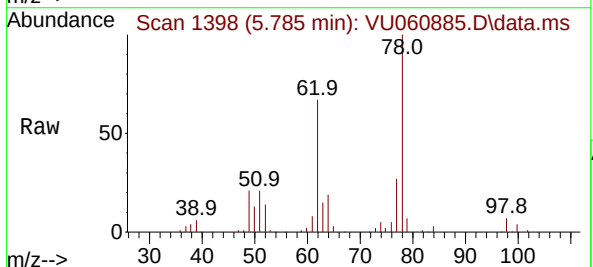
Acq: 18 Sep 2024 21:13

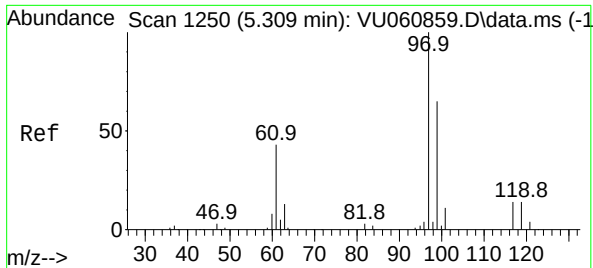
Tgt Ion: 62 Resp: 59640

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.4

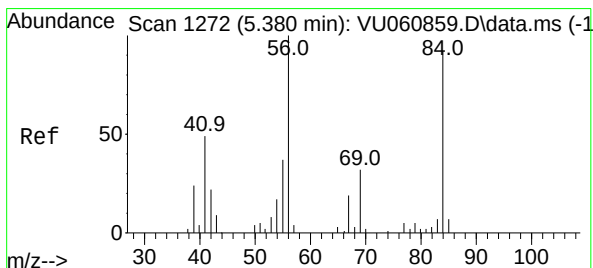
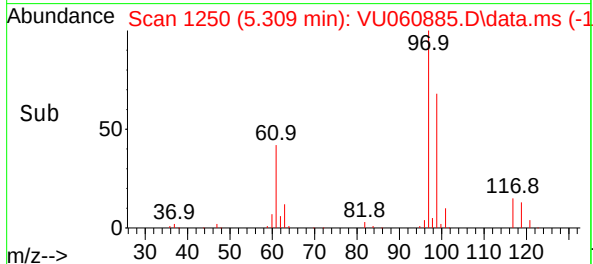
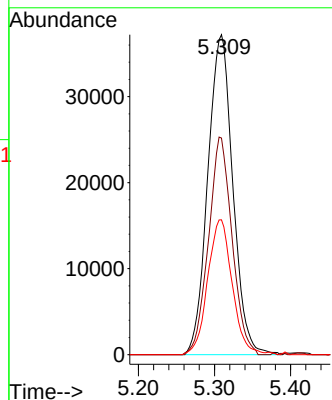
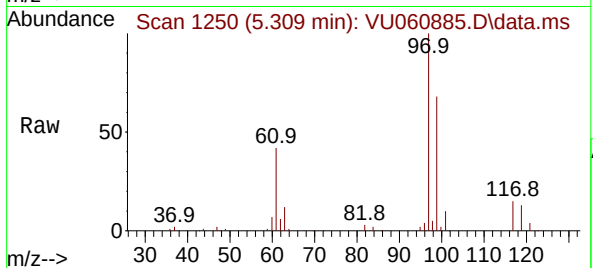




#29
1,1,1-Trichloroethane
Concen: 4.782 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

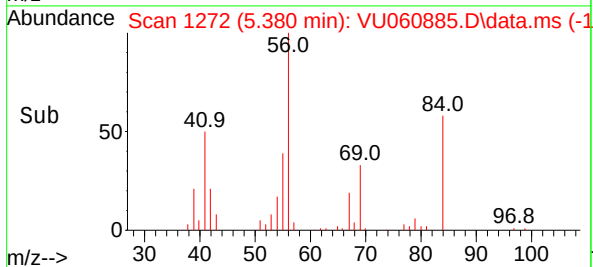
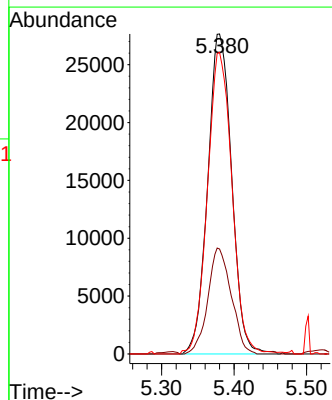
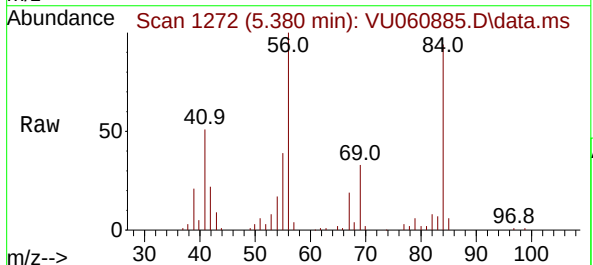
Instrument :
MSVOA_U
ClientSampleId :

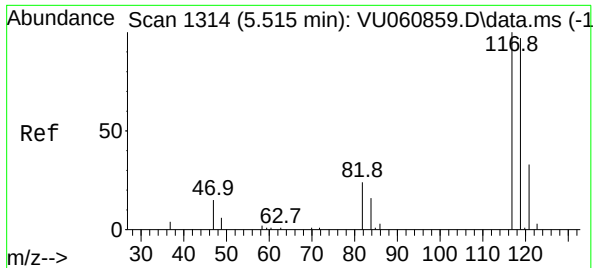
Tgt Ion:	97	Resp:	85134
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.5	75.7
61	41.2	34.4	51.6



#30
Cyclohexane
Concen: 4.340 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Tgt Ion:	56	Resp:	63505
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.4	38.0
84	96.2	71.0	106.6

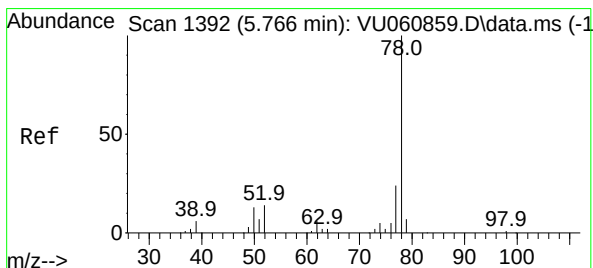
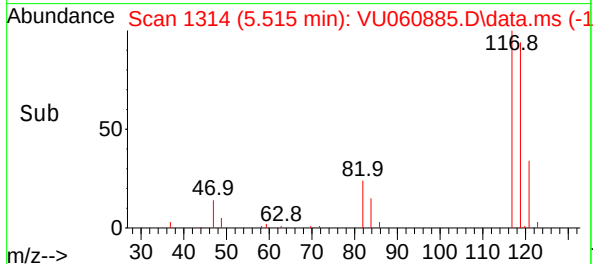
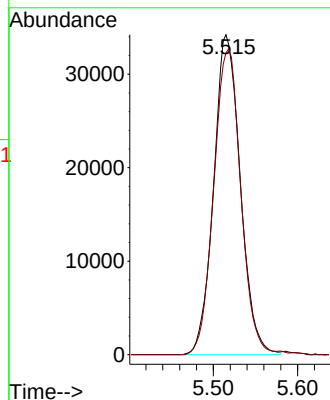
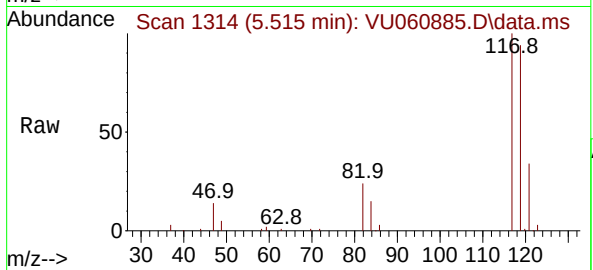




#31
Carbon tetrachloride
Concen: 4.765 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

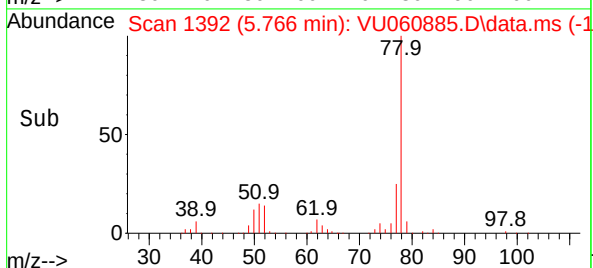
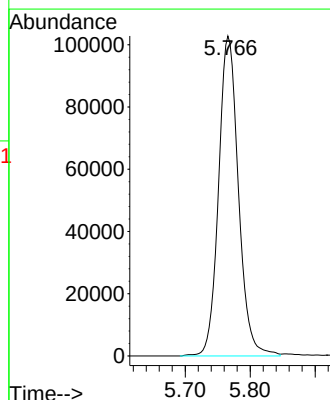
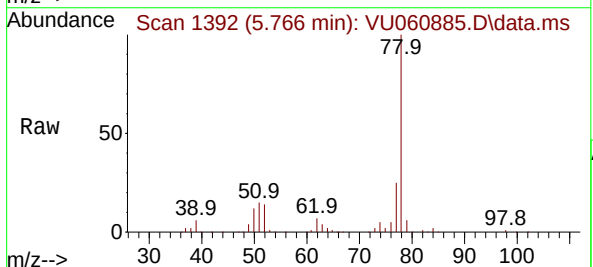
Instrument :
MSVOA_U
ClientSampleId :

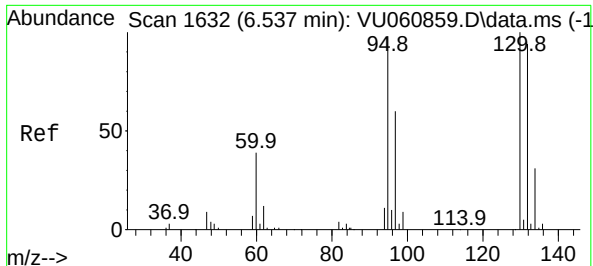
Tgt Ion:117 Resp: 75112
Ion Ratio Lower Upper
117 100
119 97.0 76.3 114.5



#33
Benzene
Concen: 4.803 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Tgt Ion: 78 Resp: 217798





#34

Trichloroethene

Concen: 4.855 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 57717

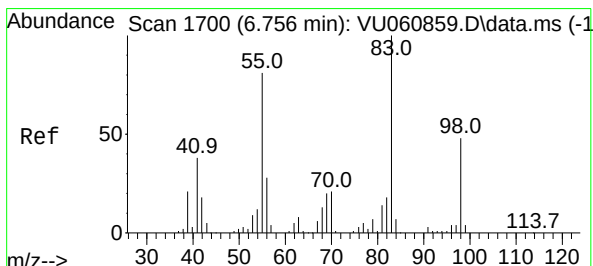
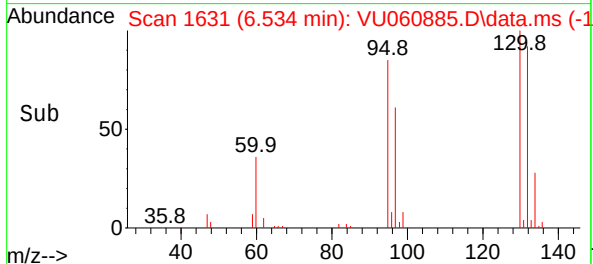
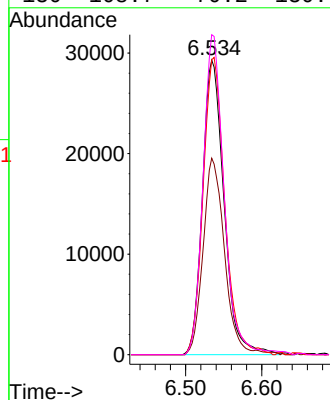
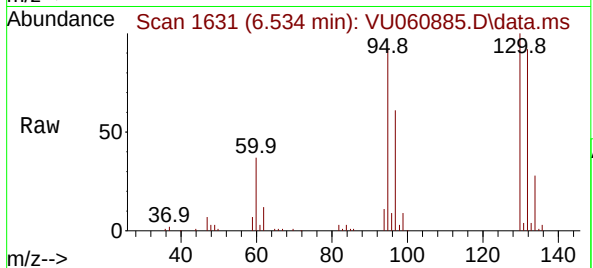
Ion Ratio Lower Upper

95 100

97 66.7 44.9 83.5

132 100.1 63.5 117.9

130 108.7 70.2 130.4



#35

Methylcyclohexane

Concen: 4.296 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

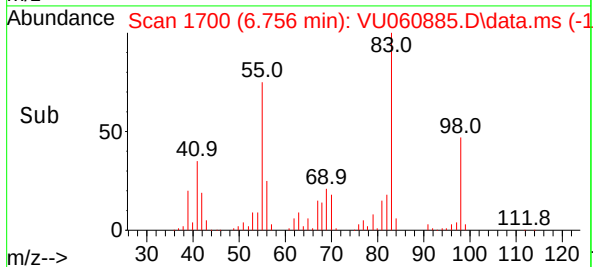
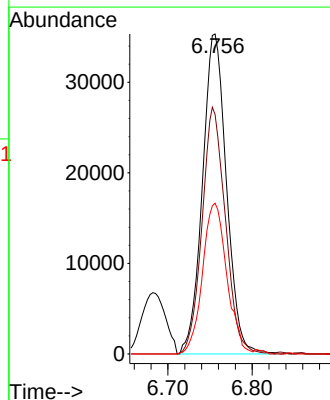
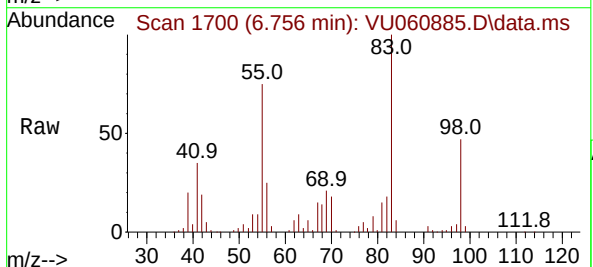
Tgt Ion: 83 Resp: 70065

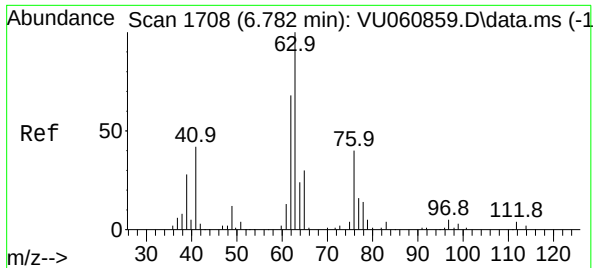
Ion Ratio Lower Upper

83 100

55 75.0 62.6 94.0

98 47.7 37.6 56.4





#37

1,2-Dichloropropane

Concen: 4.774 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

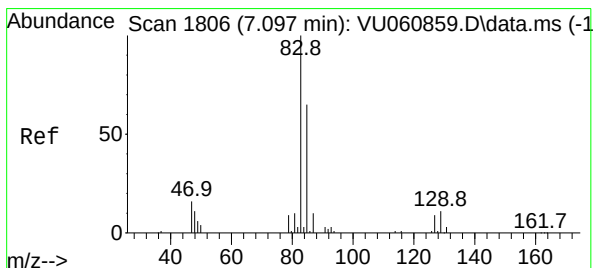
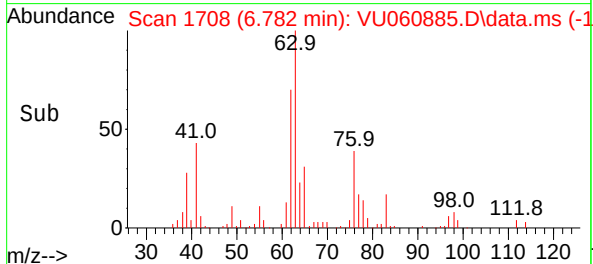
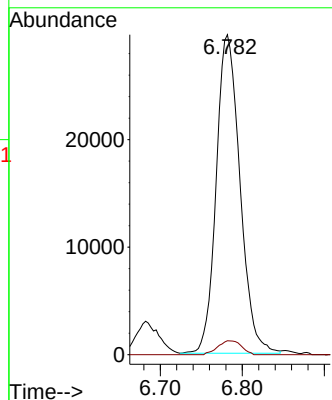
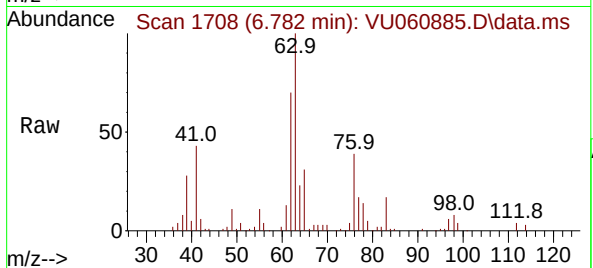
ClientSampleId :

Tgt Ion: 63 Resp: 59656

Ion Ratio Lower Upper

63 100

112 4.3 2.0 3.0#



#38

Bromodichloromethane

Concen: 4.835 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

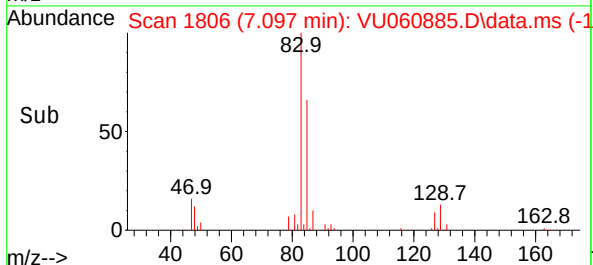
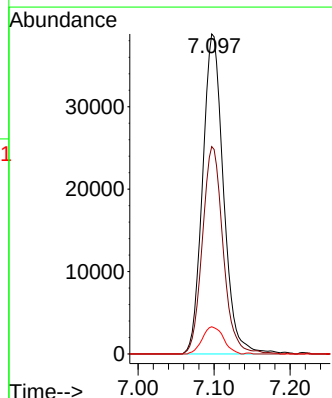
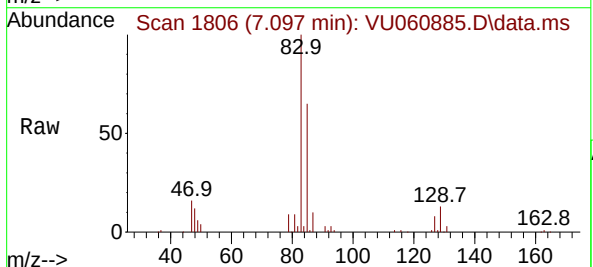
Tgt Ion: 83 Resp: 74110

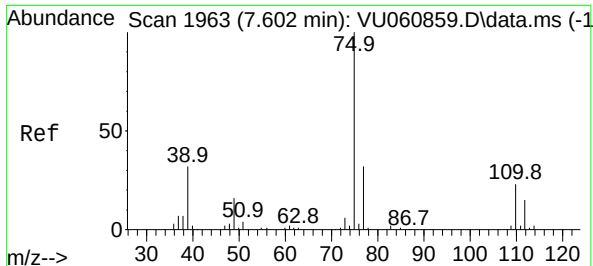
Ion Ratio Lower Upper

83 100

85 64.8 45.6 84.8

127 8.5 7.0 10.6

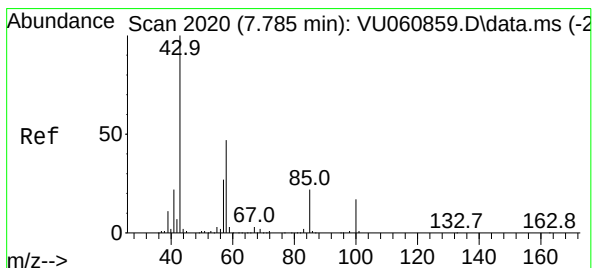
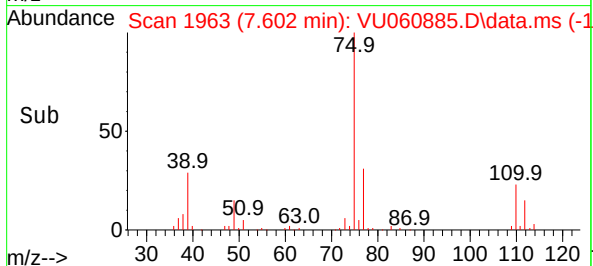
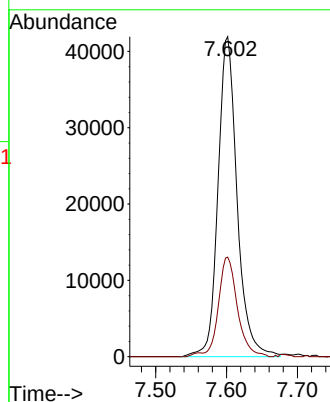
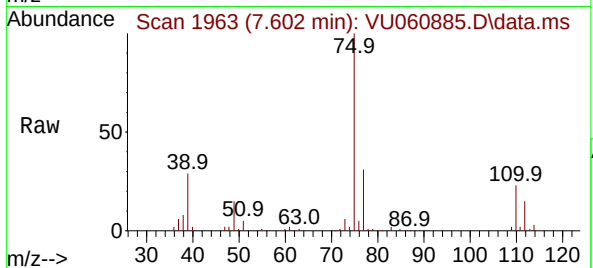




#39
 cis-1,3-Dichloropropene
 Concen: 4.735 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060885.D
 Acq: 18 Sep 2024 21:13

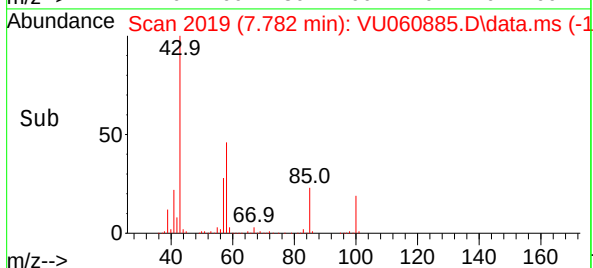
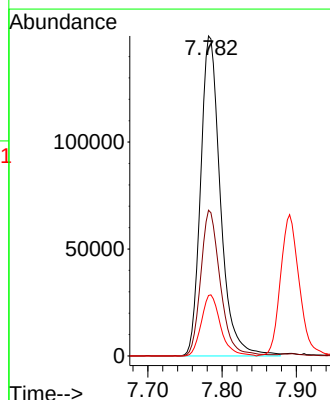
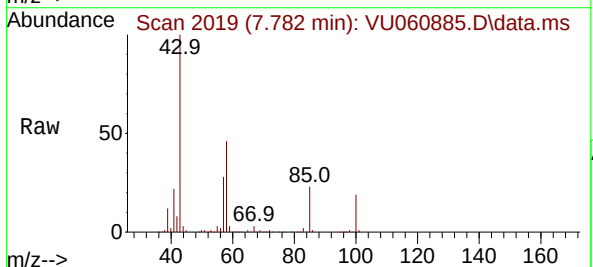
Instrument :
 MSVOA_U
 ClientSampleId :

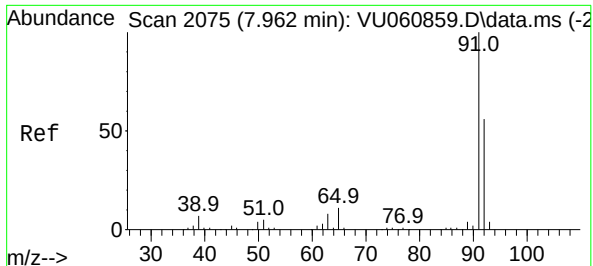
Tgt Ion: 75 Resp: 78698
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 47.530 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU060885.D
 Acq: 18 Sep 2024 21:13

Tgt Ion: 43 Resp: 277333
 Ion Ratio Lower Upper
 43 100
 58 45.0 34.9 52.3
 100 18.5 13.4 20.0





#42

Toluene

Concen: 5.155 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

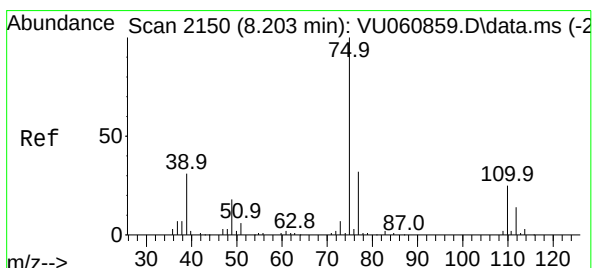
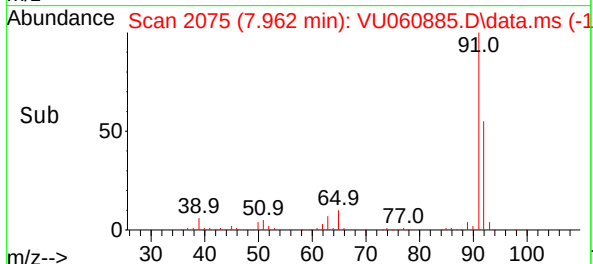
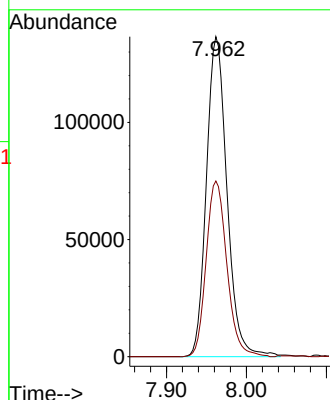
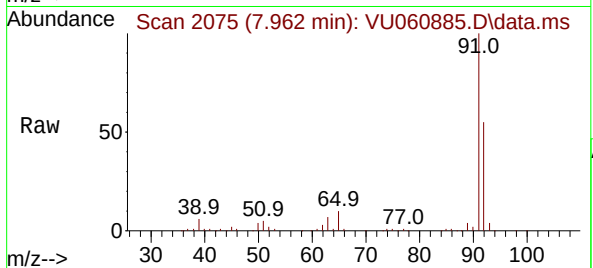
ClientSampleId :

Tgt Ion: 91 Resp: 244422

Ion Ratio Lower Upper

91 100

92 54.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.789 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU060885.D

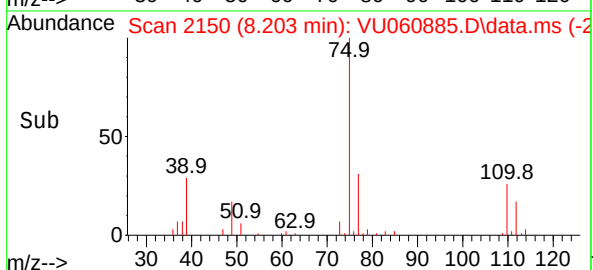
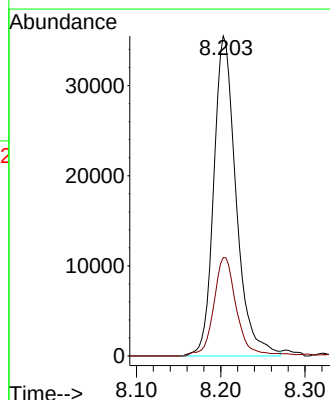
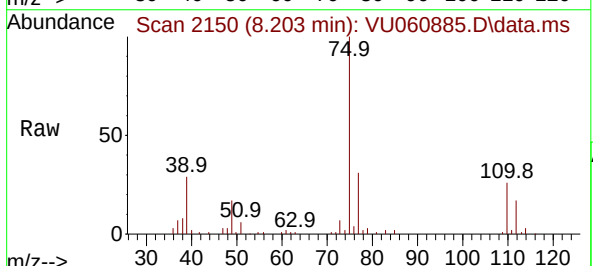
Acq: 18 Sep 2024 21:13

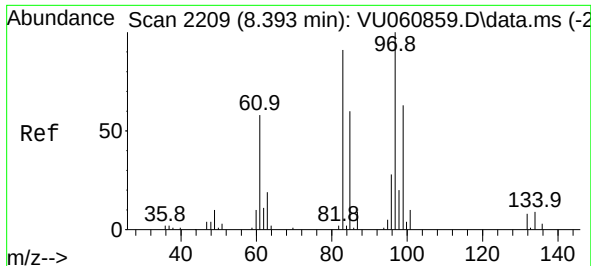
Tgt Ion: 75 Resp: 65452

Ion Ratio Lower Upper

75 100

77 30.8 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 4.972 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 44851

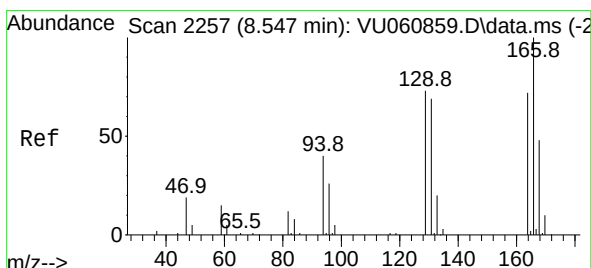
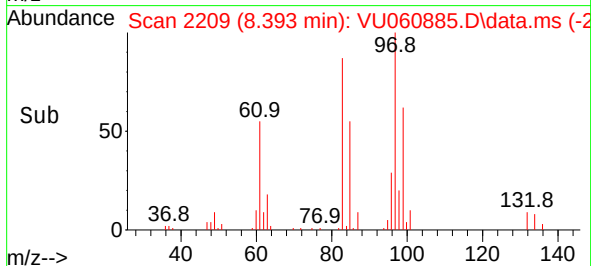
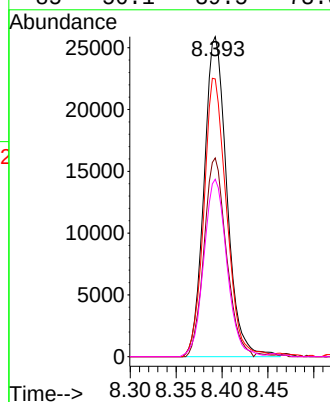
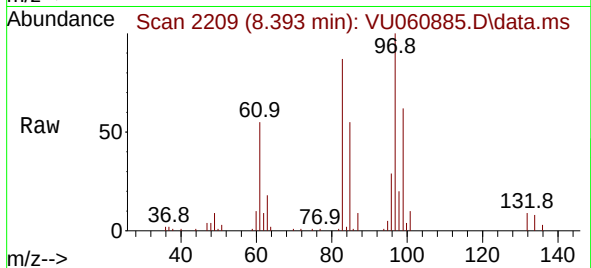
Ion Ratio Lower Upper

97 100

99 62.1 42.3 78.5

83 86.8 61.7 114.5

85 56.1 39.5 73.3



#47

Tetrachloroethene

Concen: 5.065 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Tgt Ion:164 Resp: 47843

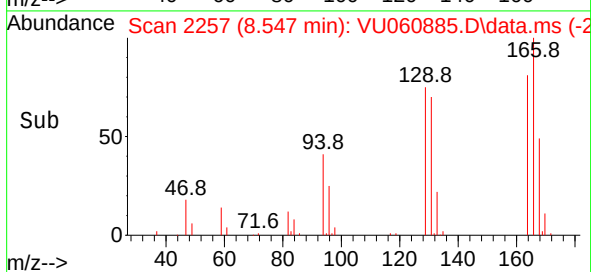
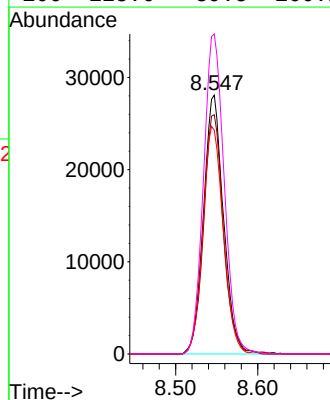
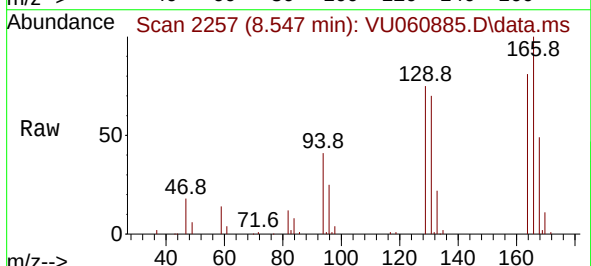
Ion Ratio Lower Upper

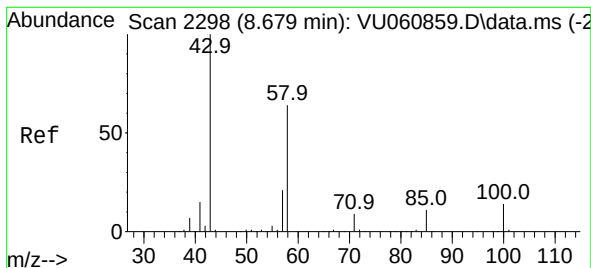
164 100

129 92.4 67.3 124.9

131 86.4 65.4 121.4

166 123.6 89.5 166.1





#48

2-Hexanone

Concen: 49.038 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 208563

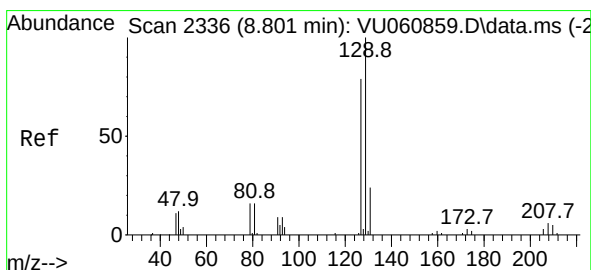
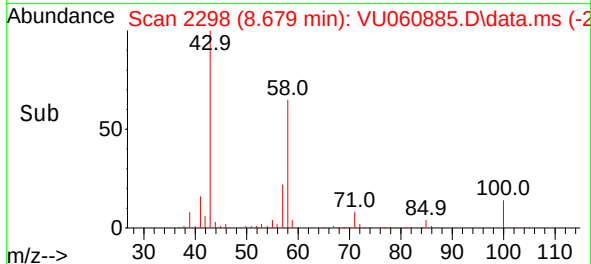
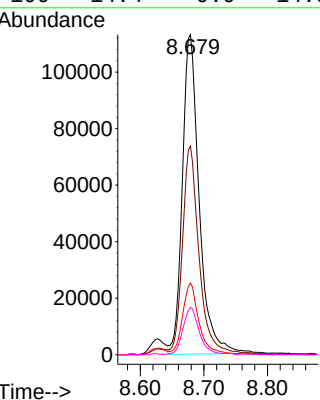
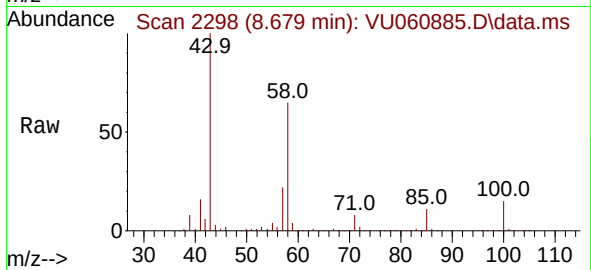
Ion Ratio Lower Upper

43 100

58 62.7 48.3 72.5

57 21.1 15.9 23.9

100 14.4 9.9 14.9



#49

Dibromochloromethane

Concen: 5.144 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU060885.D

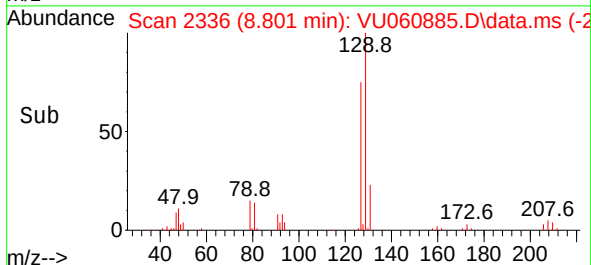
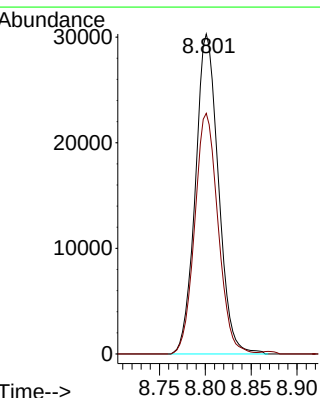
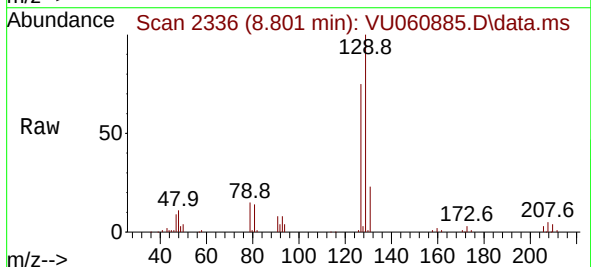
Acq: 18 Sep 2024 21:13

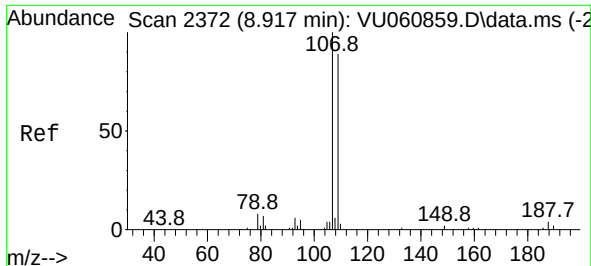
Tgt Ion:129 Resp: 52821

Ion Ratio Lower Upper

129 100

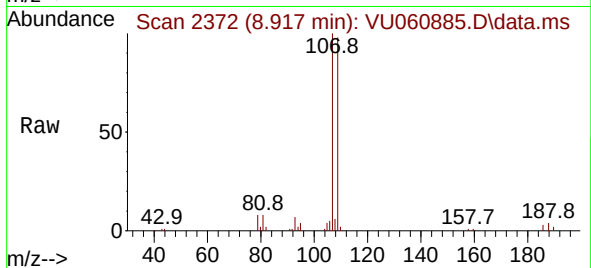
127 75.2 56.1 104.1



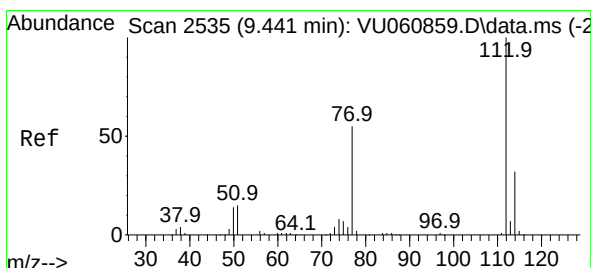
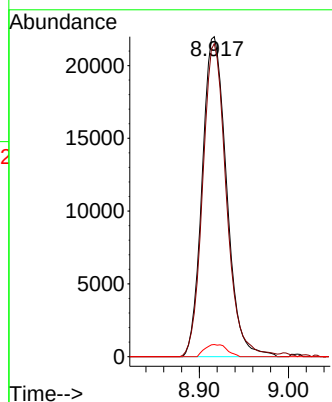
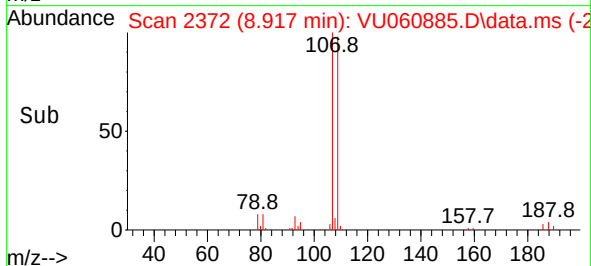


#50
1,2-Dibromoethane
Concen: 5.194 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Instrument :
MSVOA_U
ClientSampleId :

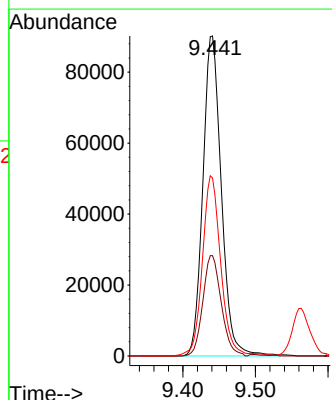
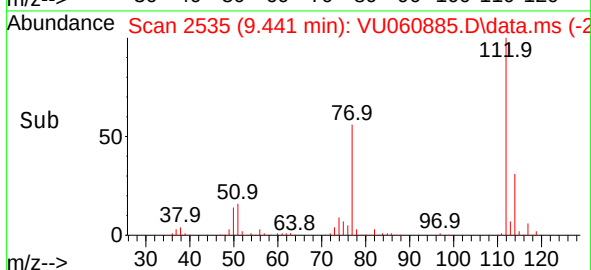
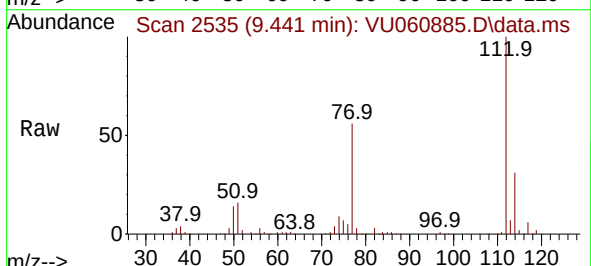


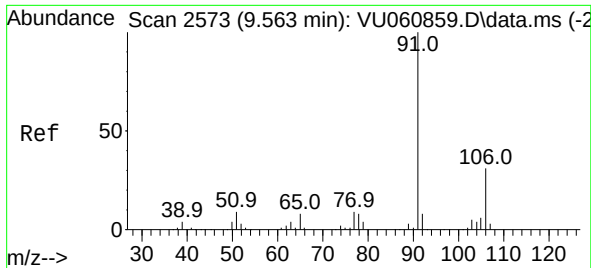
Tgt Ion:107 Resp: 41817
Ion Ratio Lower Upper
107 100
109 97.8 66.8 124.0
188 3.8 3.4 5.0



#51
Chlorobenzene
Concen: 5.013 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Tgt Ion:112 Resp: 159607
Ion Ratio Lower Upper
112 100
114 31.4 22.2 41.2
77 55.6 46.1 69.1

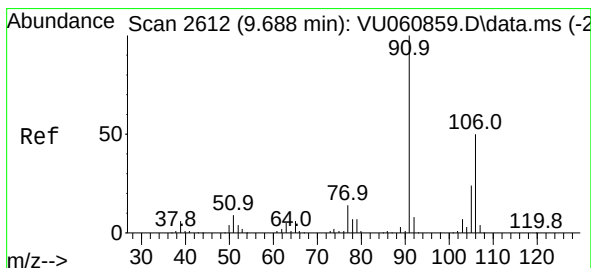
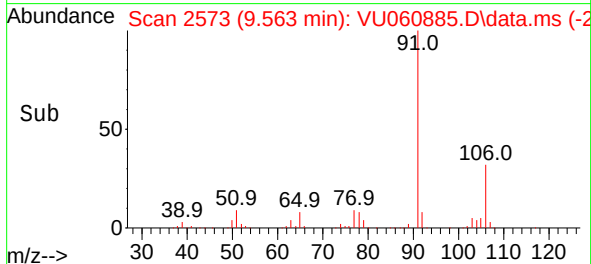
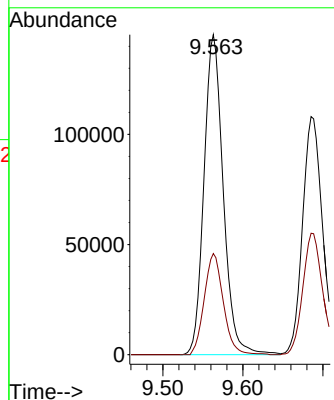
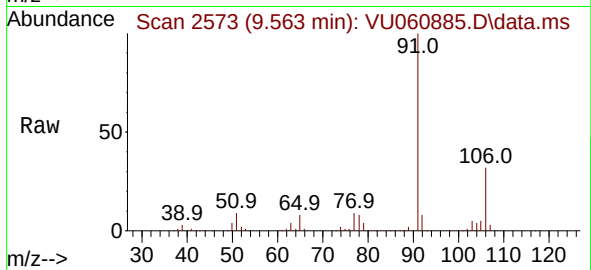




#52
Ethylbenzene
Concen: 4.883 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

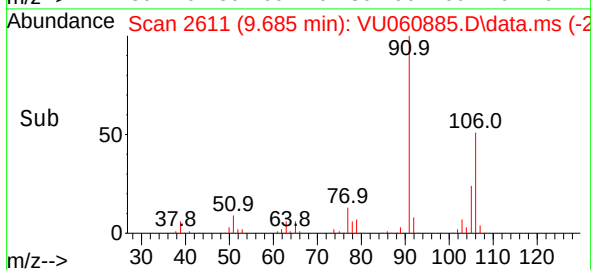
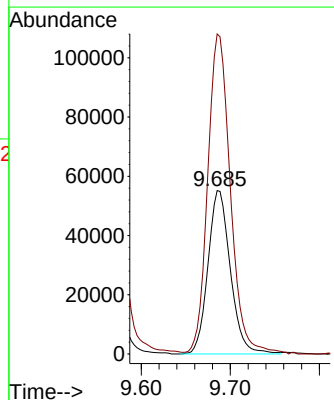
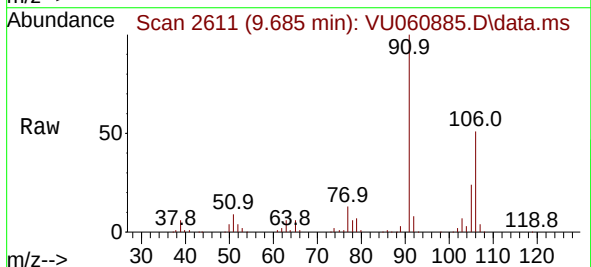
Instrument :
MSVOA_U
ClientSampleId :

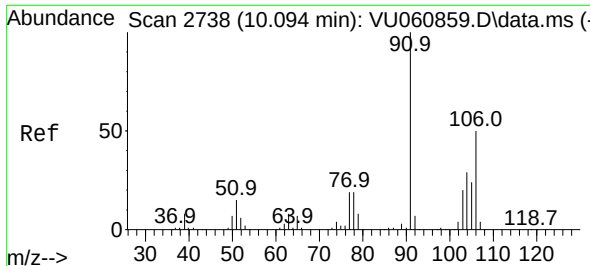
Tgt Ion: 91 Resp: 243722
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 5.096 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Tgt Ion:106 Resp: 96442
Ion Ratio Lower Upper
106 100
91 195.9 139.7 259.4

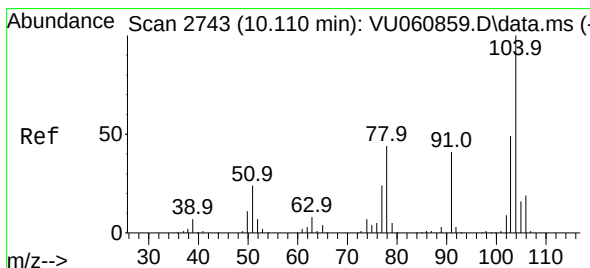
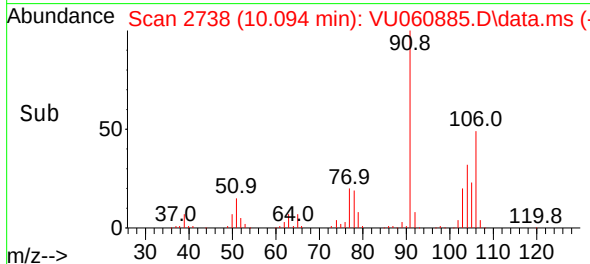
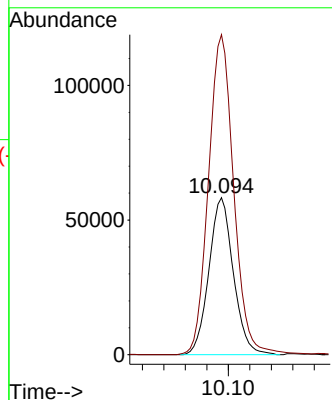
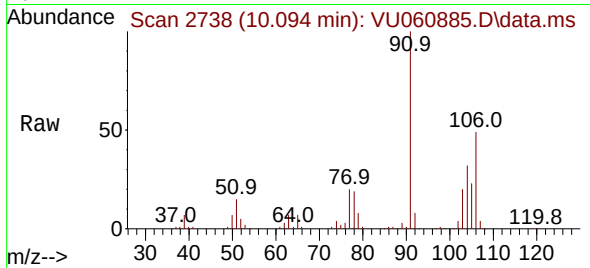




#54
o-Xylene
Concen: 4.927 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

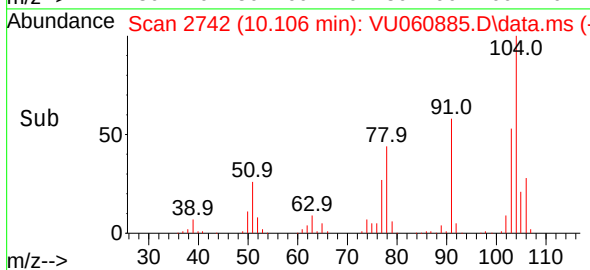
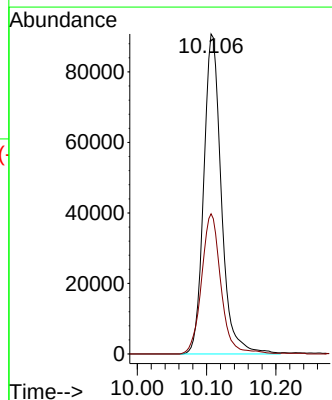
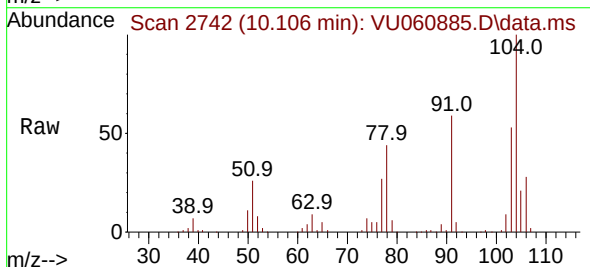
Instrument :
MSVOA_U
ClientSampleId :

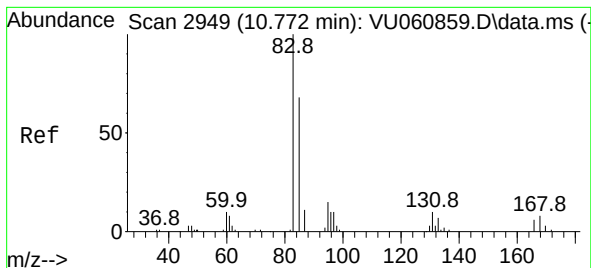
Tgt Ion:106 Resp: 92009
Ion Ratio Lower Upper
106 100
91 203.8 148.6 276.0



#55
Styrene
Concen: 5.079 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Tgt Ion:104 Resp: 159873
Ion Ratio Lower Upper
104 100
78 43.8 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.782 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

ClientSampleId :

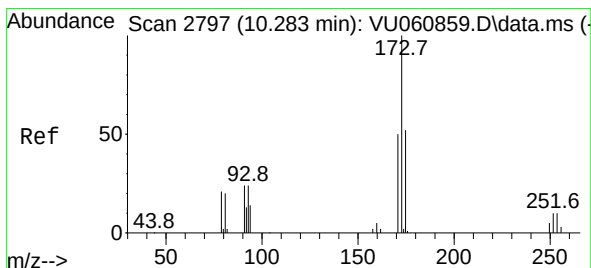
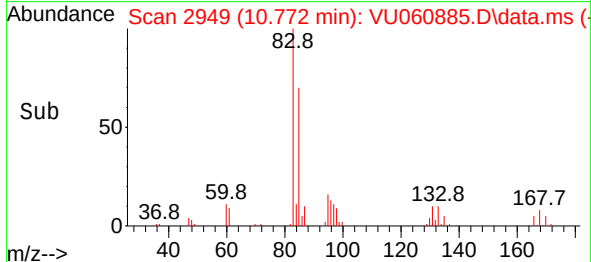
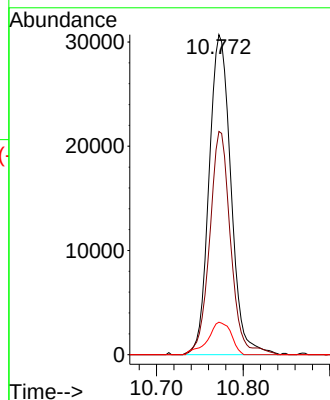
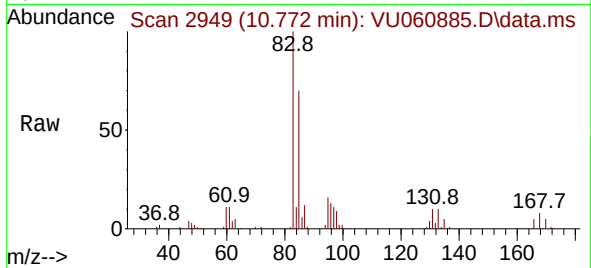
Tgt Ion: 83 Resp: 53803

Ion Ratio Lower Upper

83 100

85 69.8 42.9 79.7

131 10.2 8.4 12.6



#59

Bromoform

Concen: 4.681 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

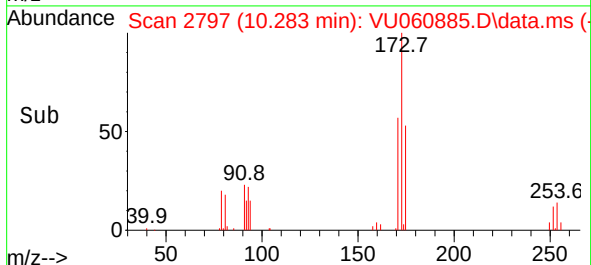
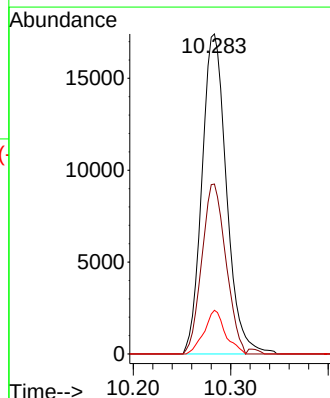
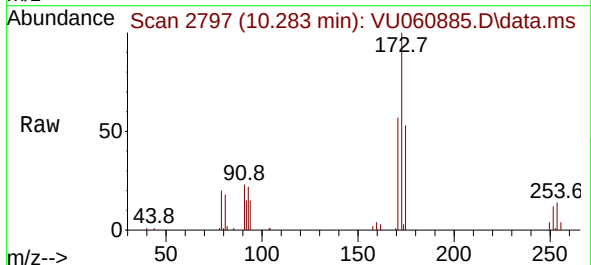
Tgt Ion:173 Resp: 30401

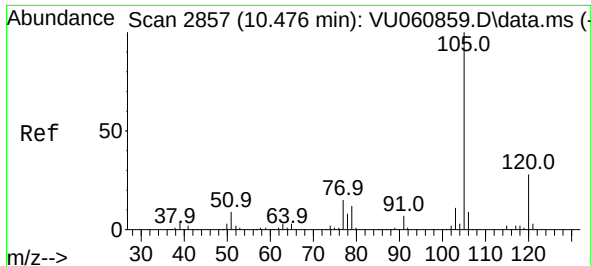
Ion Ratio Lower Upper

173 100

175 52.0 39.1 58.7

254 11.8 8.7 13.1

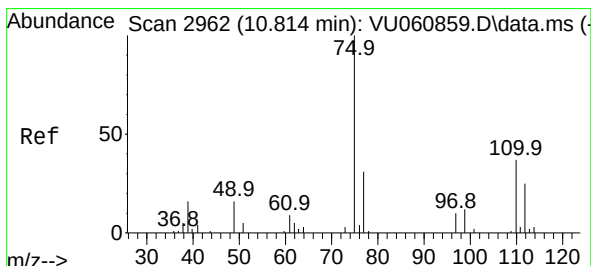
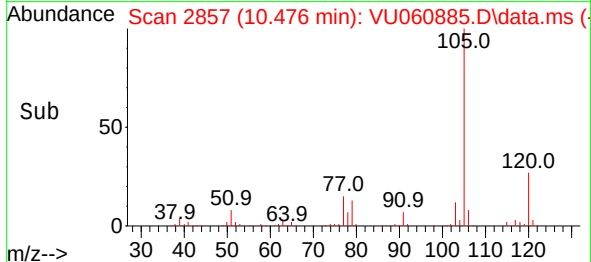
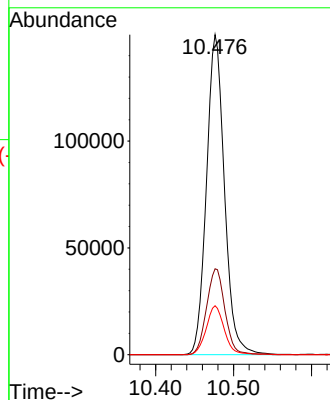
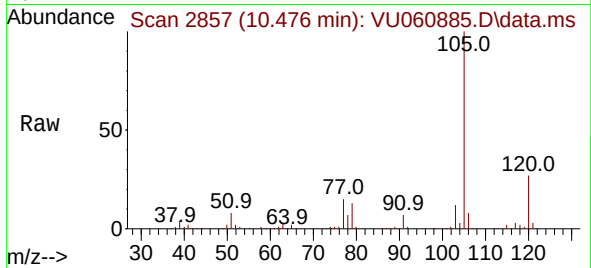




#60
Isopropylbenzene
Concen: 4.699 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

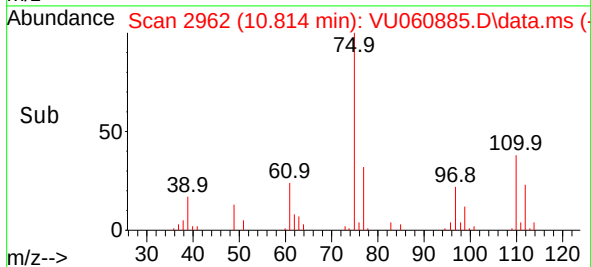
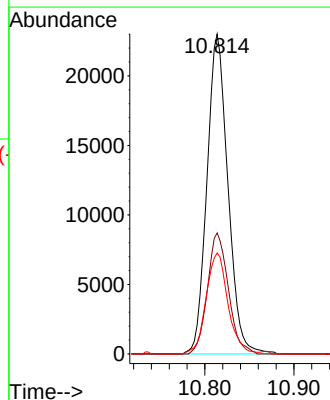
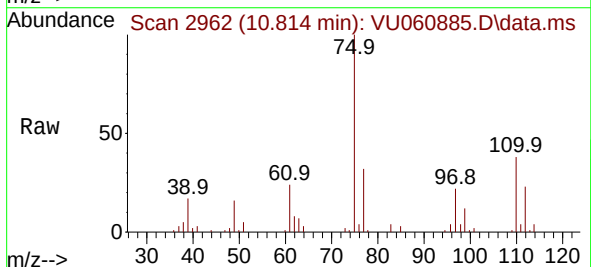
Instrument :
MSVOA_U
ClientSampleId :

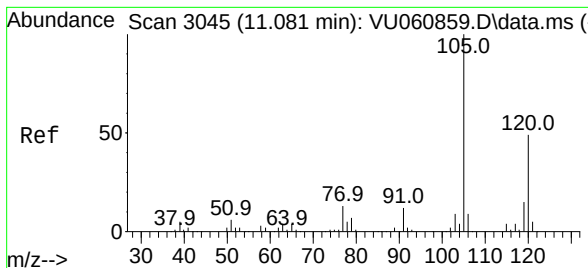
Tgt Ion:105 Resp: 239971
Ion Ratio Lower Upper
105 100
120 27.4 21.5 32.3
77 15.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.679 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Tgt Ion: 75 Resp: 37611
Ion Ratio Lower Upper
75 100
110 37.7 28.6 43.0
77 32.8 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 4.500 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

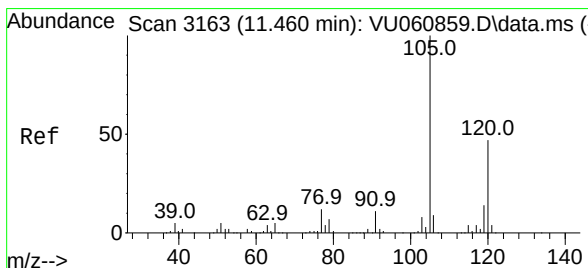
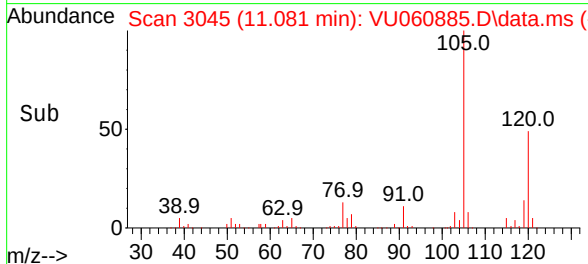
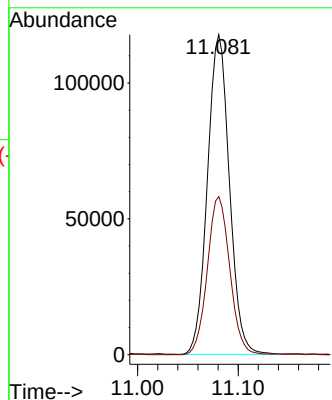
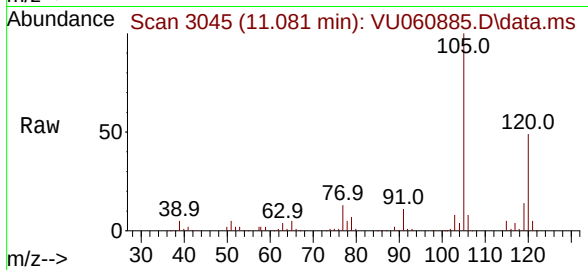
ClientSampleId :

Tgt Ion:105 Resp: 178612

Ion Ratio Lower Upper

105 100

120 50.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.675 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU060885.D

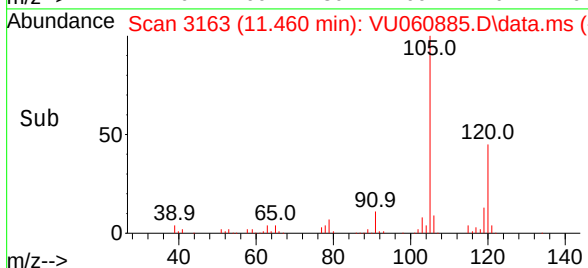
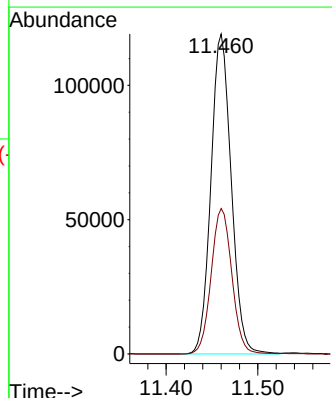
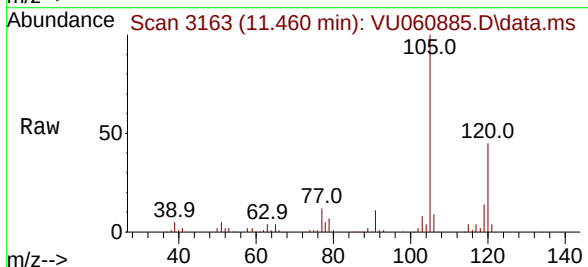
Acq: 18 Sep 2024 21:13

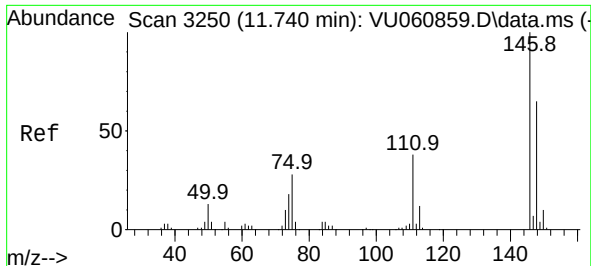
Tgt Ion:105 Resp: 183366

Ion Ratio Lower Upper

105 100

120 46.2 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 4.782 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.003 min

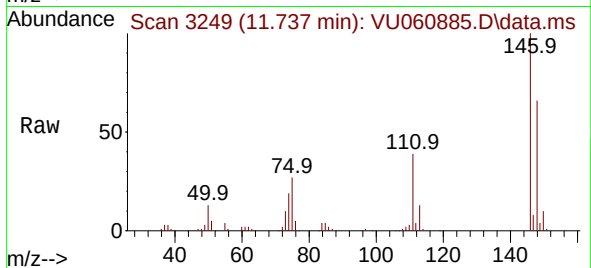
Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

ClientSampleId :



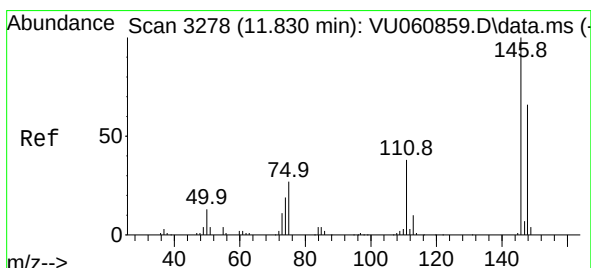
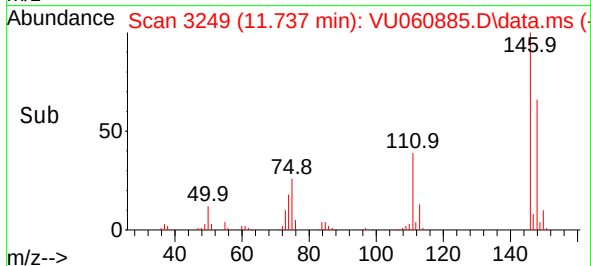
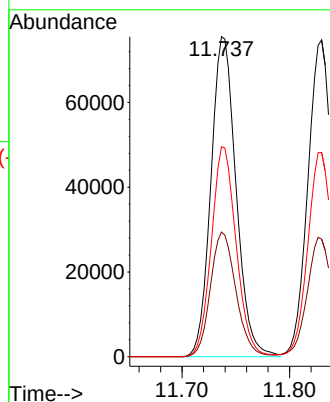
Tgt Ion:146 Resp: 122809

Ion Ratio Lower Upper

146 100

111 39.0 27.5 51.1

148 65.6 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.695 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

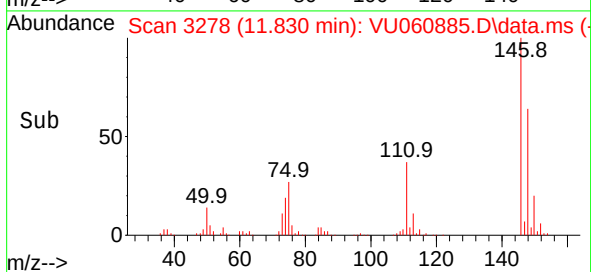
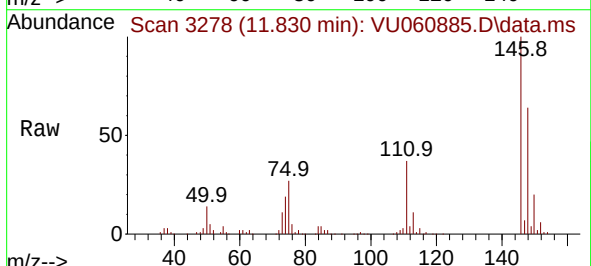
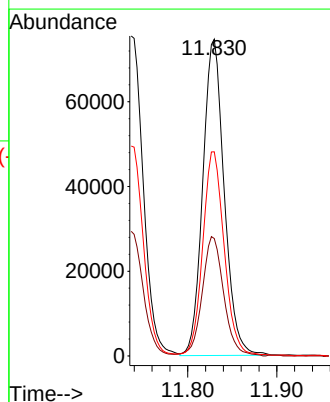
Tgt Ion:146 Resp: 124617

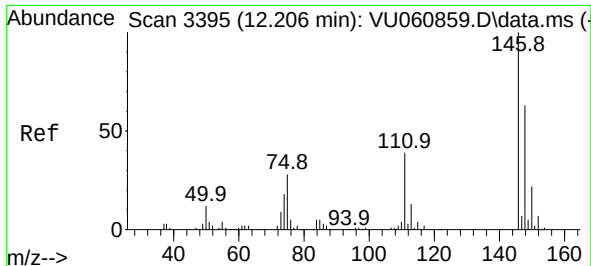
Ion Ratio Lower Upper

146 100

111 37.1 26.3 48.9

148 64.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.843 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

ClientSampleId :

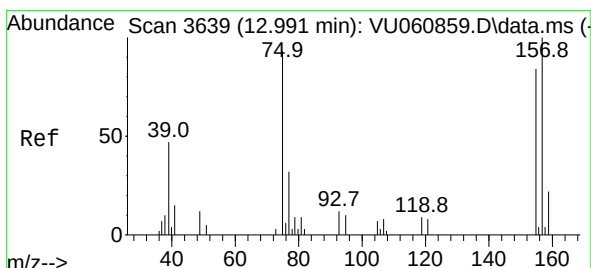
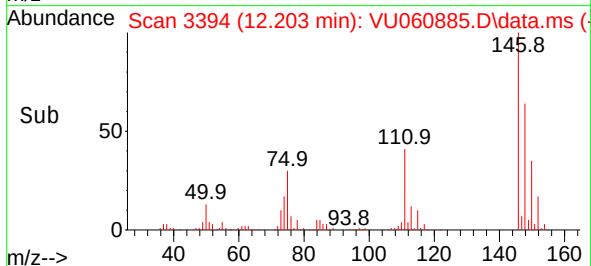
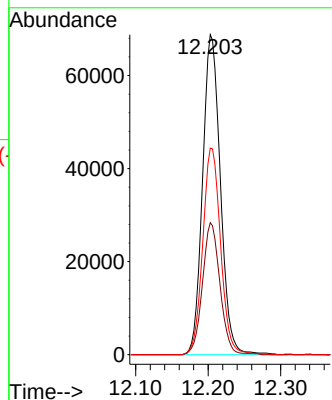
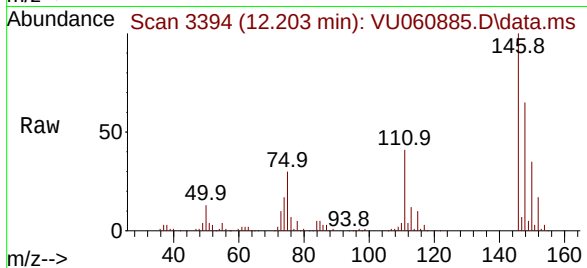
Tgt Ion:146 Resp: 117588

Ion Ratio Lower Upper

146 100

111 41.2 33.4 50.0

148 64.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.557 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

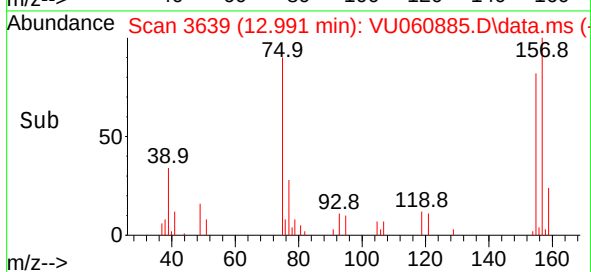
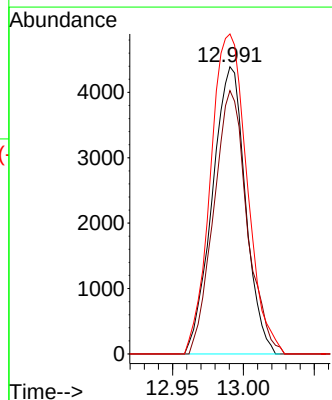
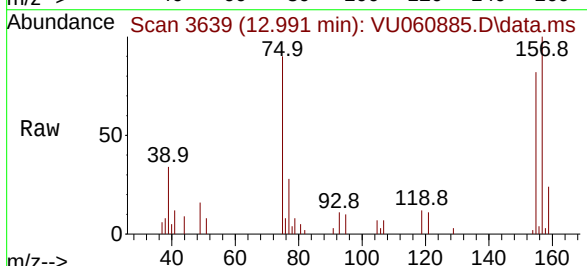
Tgt Ion: 75 Resp: 7153

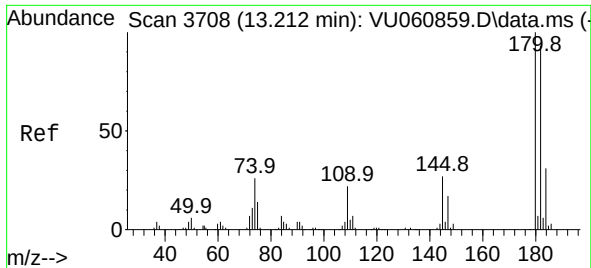
Ion Ratio Lower Upper

75 100

155 91.7 73.1 109.7

157 111.4 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.530 ug/L

RT: 13.209 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 87025

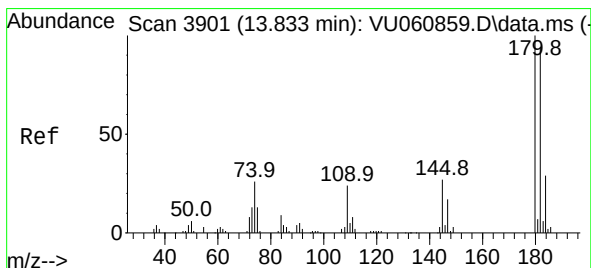
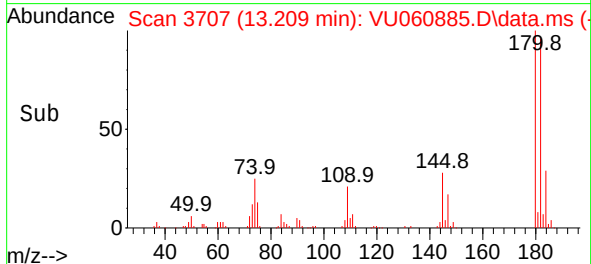
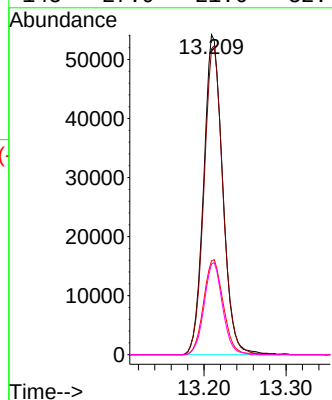
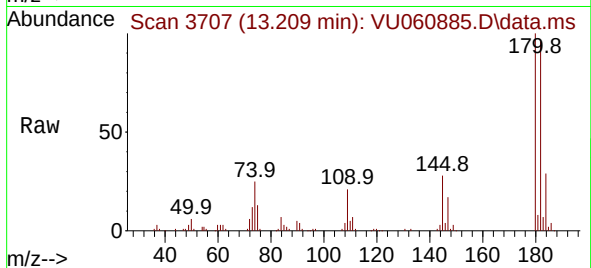
Ion Ratio Lower Upper

180 100

182 96.9 74.5 111.7

184 30.7 23.2 34.8

145 27.9 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.708 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060885.D

Acq: 18 Sep 2024 21:13

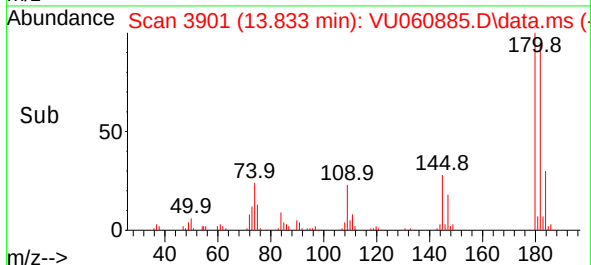
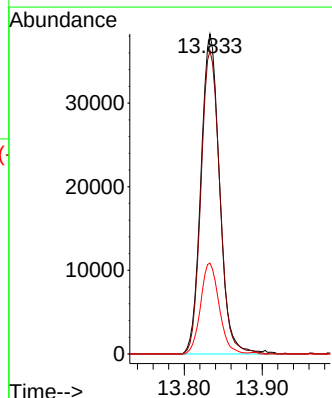
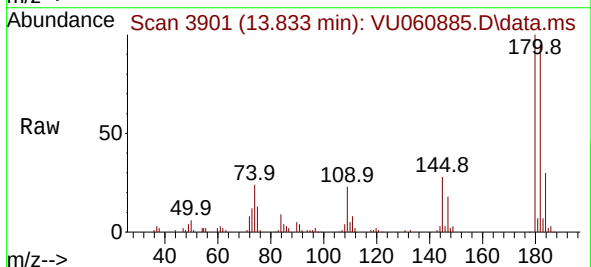
Tgt Ion:180 Resp: 63701

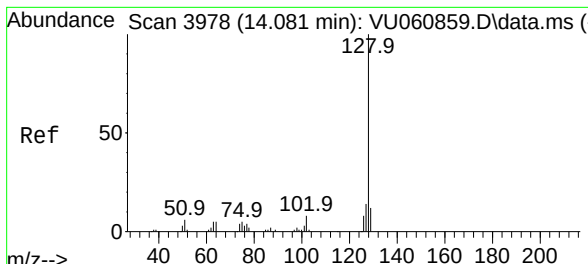
Ion Ratio Lower Upper

180 100

182 95.5 77.4 116.2

145 28.2 22.9 34.3

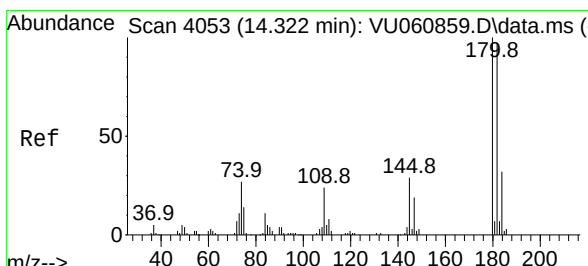
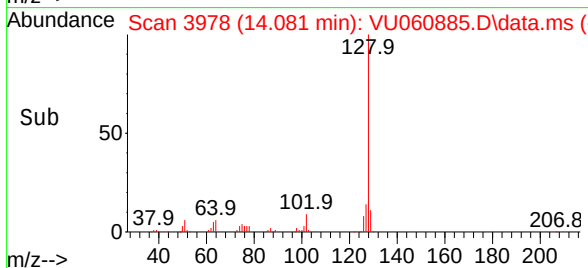
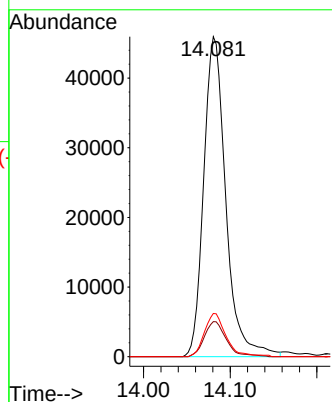
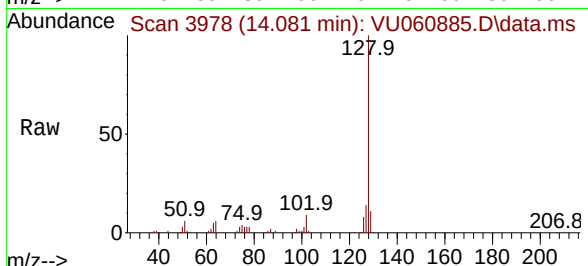




#71
Naphthalene
Concen: 4.566 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	81491
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.3 12.5
127	13.3	10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.865 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060885.D
Acq: 18 Sep 2024 21:13

Tgt Ion:180	Resp:	56877
Ion Ratio	Lower	Upper
180	100	
182	92.1	75.7 113.5
145	30.7	23.5 35.3

