

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123124\
 Data File : VU062644.D
 Acq On : 31 Dec 2024 13:56
 Operator : MD/SY
 Sample : MDL07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 01 00:18:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 01 00:16:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93870	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90228	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	44658	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20354	3.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.901	69	17349	3.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.557	65	10781	3.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.615	46	55518	45.752	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.500%
24) Chloroform-d	5.049	84	58577	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.692	65	33329	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.718	84	100179	3.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.679	67	30041	4.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.891	98	95691	3.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.174	79	13452	4.110	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.624	63	50853	51.502	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	25572	4.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	37407	4.546	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1272	0.145	ug/L #	82
3) Chloromethane	1.515	50	930	0.135	ug/L	89
5) Vinyl chloride	1.596	62	1260	0.176	ug/L #	40
6) Bromomethane	1.843	94	770	0.161	ug/L	98
9) Trichlorofluoromethane	2.129	101	2343	0.188	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	1357	0.200	ug/L #	89
14) Carbon disulfide	2.785	76	2549	0.127	ug/L #	84
16) Methylene chloride	3.030	84	1454	0.219	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	3055	0.193	ug/L #	89
18) trans-1,2-Dichloroethene	3.348	96	963	0.148	ug/L #	67
22) cis-1,2-Dichloroethene	4.660	96	1096	0.150	ug/L	94
25) Chloroform	5.078	83	2854	0.212	ug/L	87
27) 1,2-Dichloroethane	5.792	62	1534	0.180	ug/L #	75
30) Cyclohexane	5.380	56	1526	0.148	ug/L	96
31) Carbon tetrachloride	5.512	117	2010	0.173	ug/L	93
33) Benzene	5.772	78	4604	0.165	ug/L	100
35) Methylcyclohexane	6.759	83	1768	0.151	ug/L #	76
37) 1,2-Dichloropropane	6.785	63	1159	0.170	ug/L #	87
38) Bromodichloromethane	7.100	83	1738	0.181	ug/L #	94

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

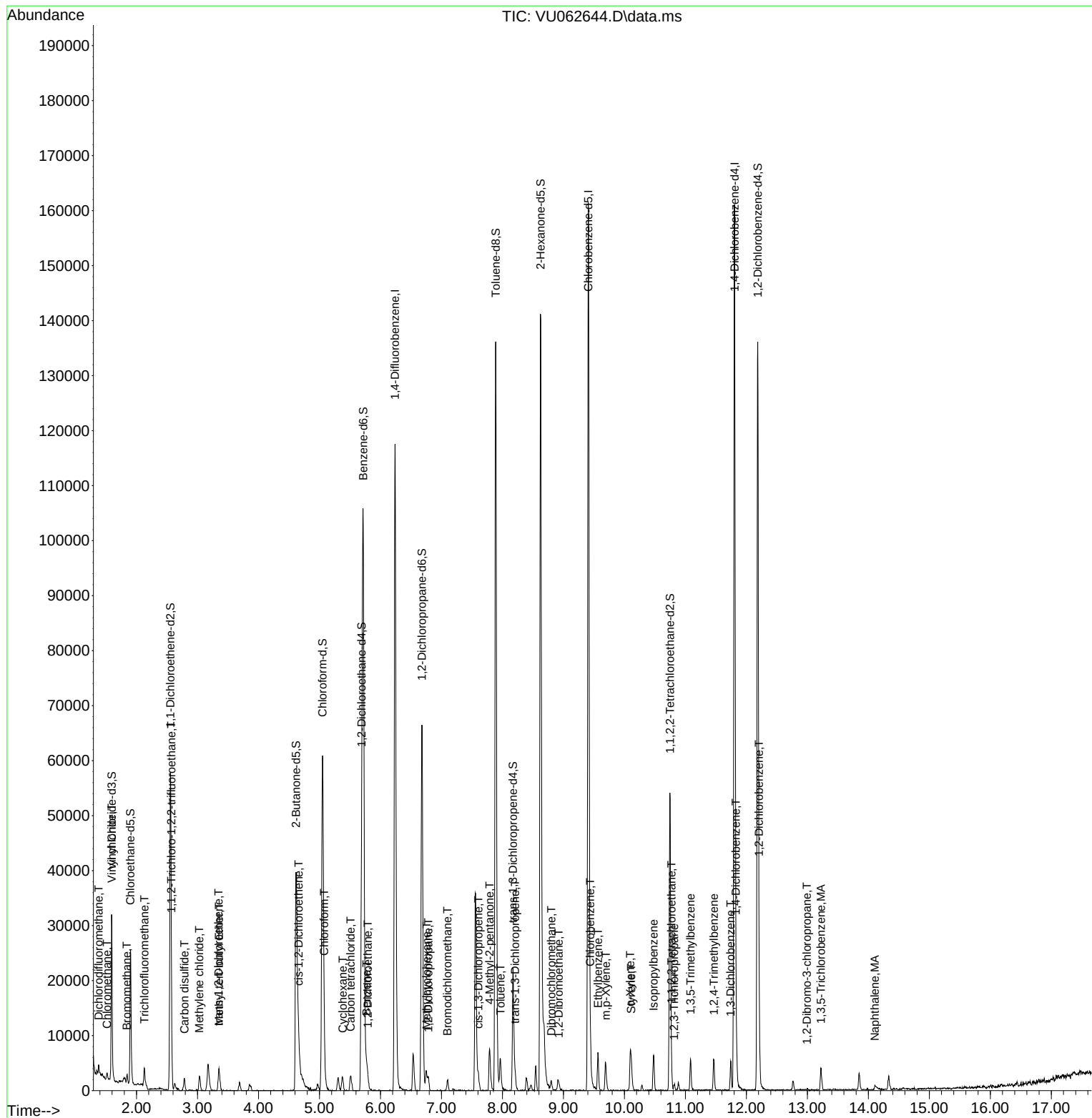
39) cis-1,3-Dichloropropene	7.608	75	1762	0.161	ug/L	92
40) 4-Methyl-2-pentanone	7.788	43	5272	1.652	ug/L #	89
42) Toluene	7.968	91	4411	0.146	ug/L	86
44) trans-1,3-Dichloropropene	8.206	75	1584	0.178	ug/L	86
49) Dibromochloromethane	8.801	129	1074	0.173	ug/L	83
50) 1,2-Dibromoethane	8.923	107	678	0.137	ug/L #	93
51) Chlorobenzene	9.441	112	3411	0.177	ug/L	95
52) Ethylbenzene	9.566	91	5531	0.164	ug/L	93
53) m,p-Xylene	9.695	106	1730	0.139	ug/L	94
54) o-Xylene	10.097	106	1667	0.137	ug/L	88
55) Styrene	10.113	104	2652	0.133	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	1112	0.186	ug/L #	69
60) Isopropylbenzene	10.479	105	4756	0.147	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	691	0.167	ug/L	92
62) 1,3,5-Trimethylbenzene	11.084	105	3957	0.145	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	4021	0.150	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	2581	0.174	ug/L	91
65) 1,4-Dichlorobenzene	11.830	146	2763	0.185	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	2381	0.174	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.994	75	152	0.169	ug/L #	45
69) 1,3,5-Trichlorobenzene	13.222	180	1946	0.177	ug/L #	95
71) Naphthalene	14.106	128	1824	0.140	ug/L #	70

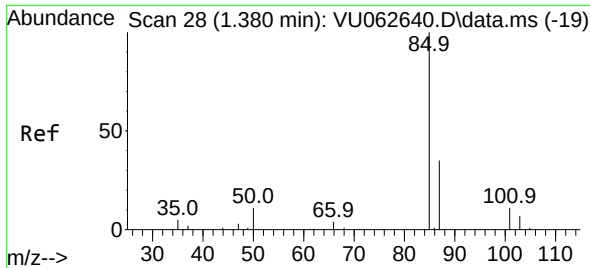
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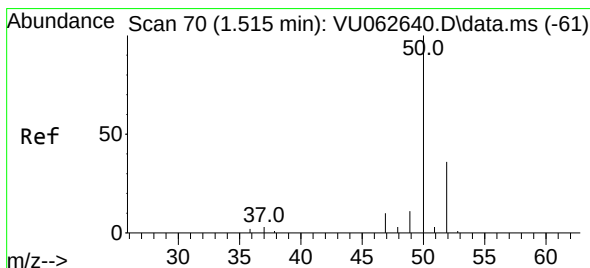
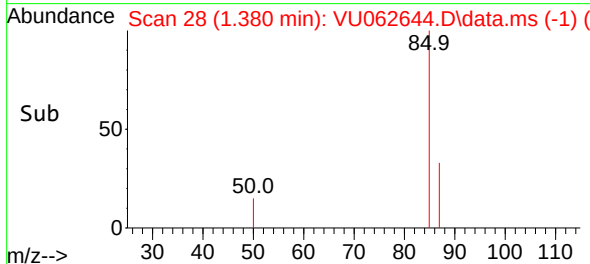
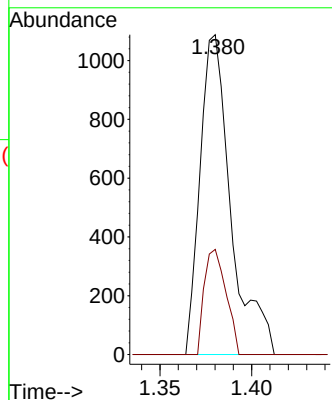
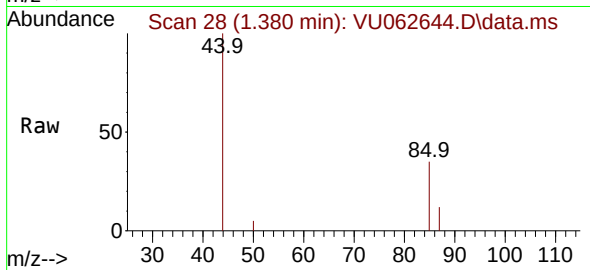




#2
 Dichlorodifluoromethane
 Concen: 0.145 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU062644.D
 Acq: 31 Dec 2024 13:56

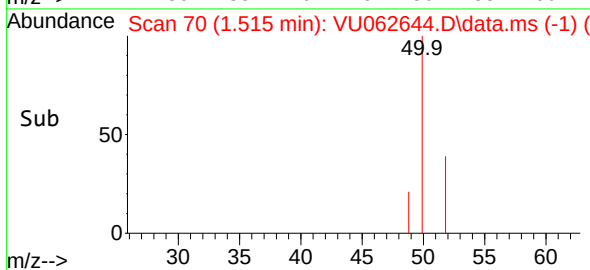
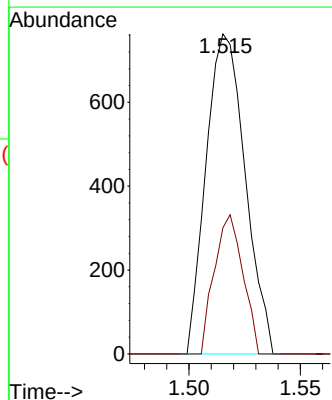
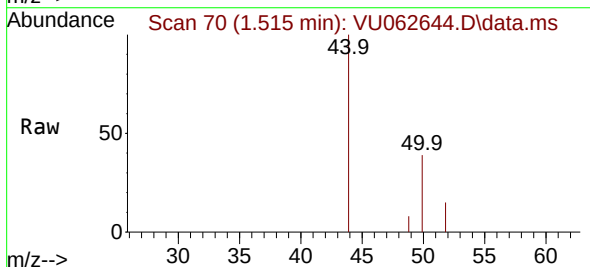
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 ClientSampleId :

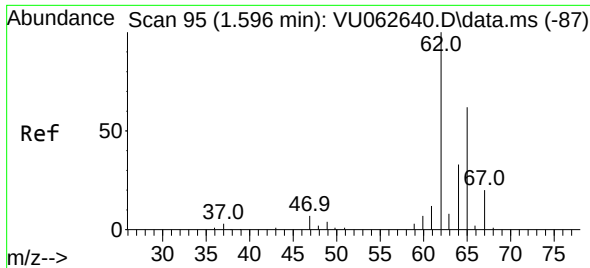
Tgt Ion: 85 Resp: 1272
 Ion Ratio Lower Upper
 85 100
 87 23.1 26.6 40.0#



#3
 Chloromethane
 Concen: 0.135 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU062644.D
 Acq: 31 Dec 2024 13:56

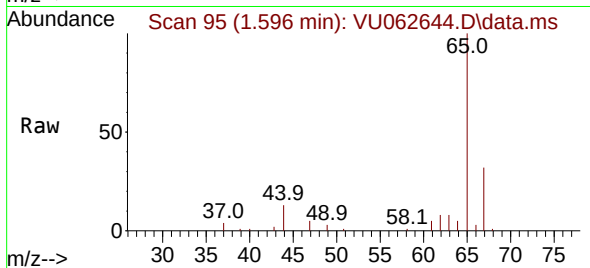
Tgt Ion: 50 Resp: 930
 Ion Ratio Lower Upper
 50 100
 52 39.4 23.1 42.9



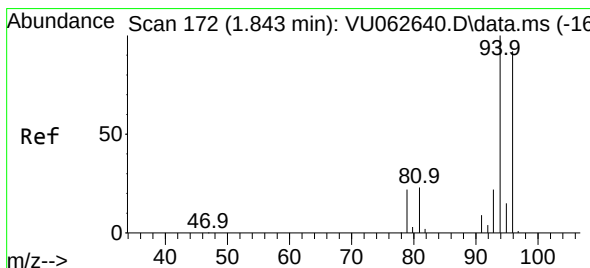
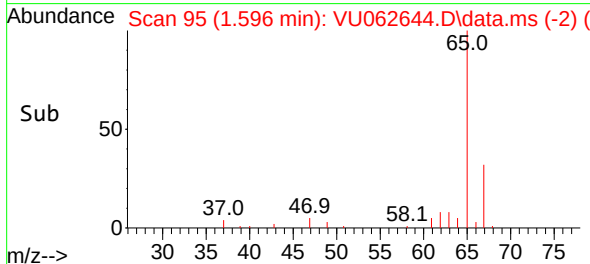
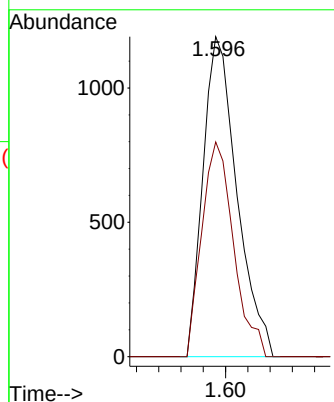


#5
 Vinyl chloride
 Concen: 0.176 ug/L
 RT: 1.596 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU062644.D
 Acq: 31 Dec 2024 13:56

Instrument :
 MSVOA_U
 ClientSampleId :

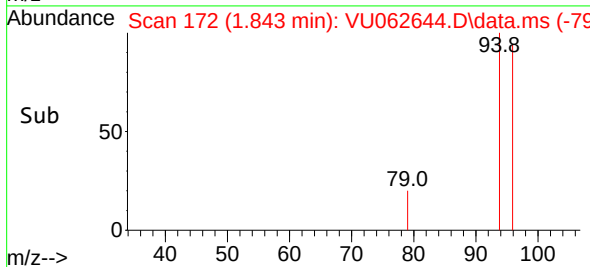
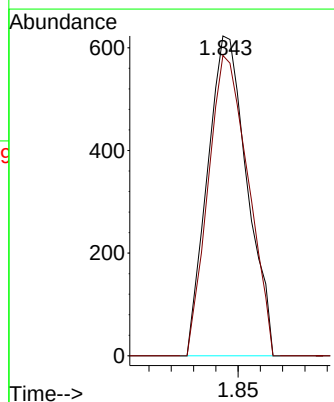
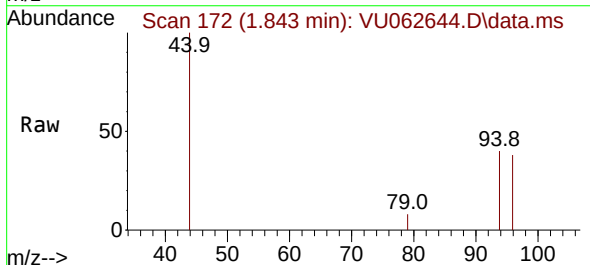


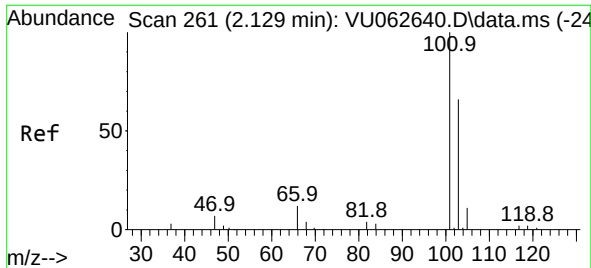
Tgt Ion: 62 Resp: 1260
 Ion Ratio Lower Upper
 62 100
 64 67.1 23.1 42.9#



#6
 Bromomethane
 Concen: 0.161 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VU062644.D
 Acq: 31 Dec 2024 13:56

Tgt Ion: 94 Resp: 770
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.5 119.9

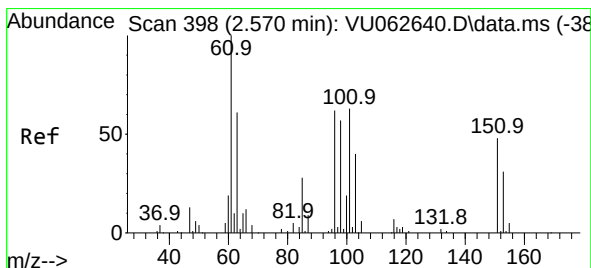
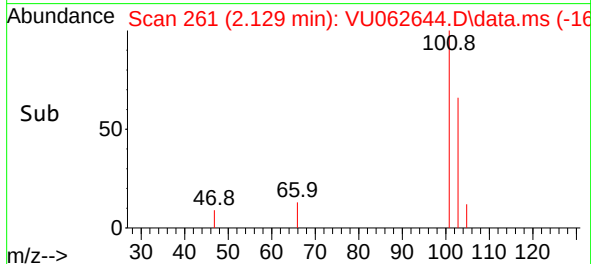
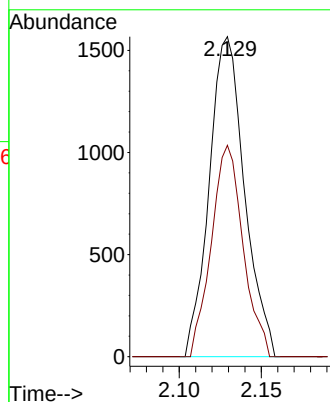
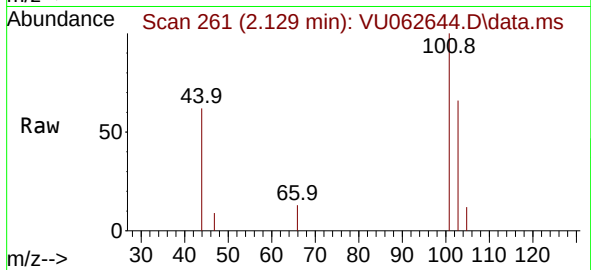




#9
 Trichlorofluoromethane
 Concen: 0.188 ug/L
 RT: 2.129 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU062644.D
 Acq: 31 Dec 2024 13:56

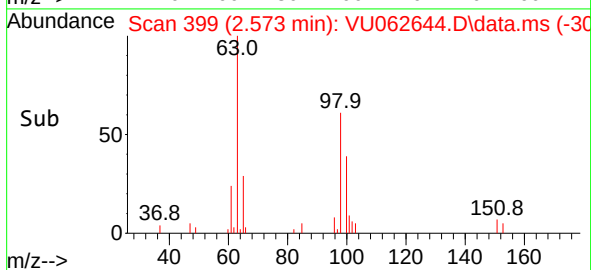
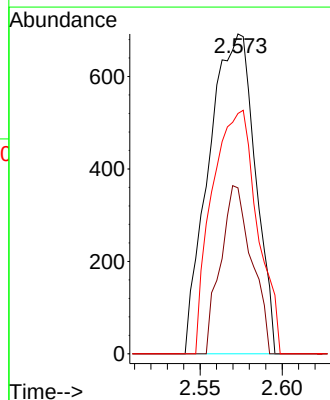
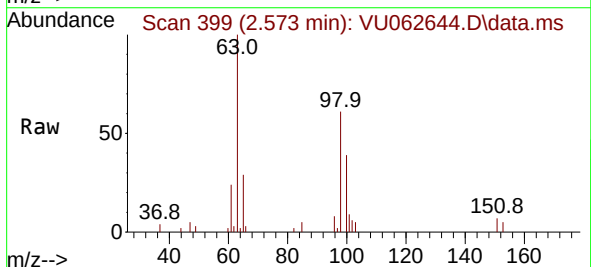
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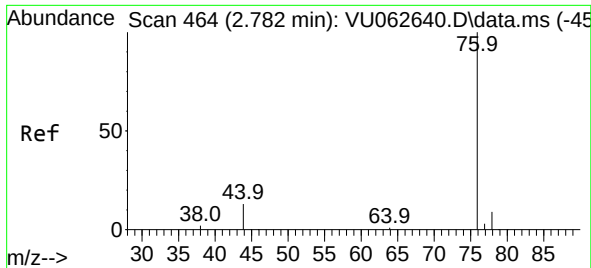
Tgt Ion:101 Resp: 2343
 Ion Ratio Lower Upper
 101 100
 103 59.4 50.6 75.8



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.200 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.003 min
 Lab File: VU062644.D
 Acq: 31 Dec 2024 13:56

Tgt Ion:101 Resp: 1357
 Ion Ratio Lower Upper
 101 100
 85 35.3 38.0 57.0#
 151 74.2 55.3 82.9





#14

Carbon disulfide

Concen: 0.127 ug/L

RT: 2.785 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

Instrument :

MSVOA_U

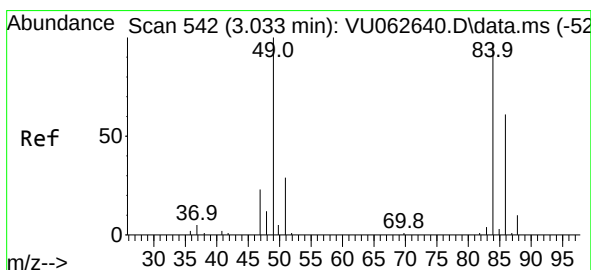
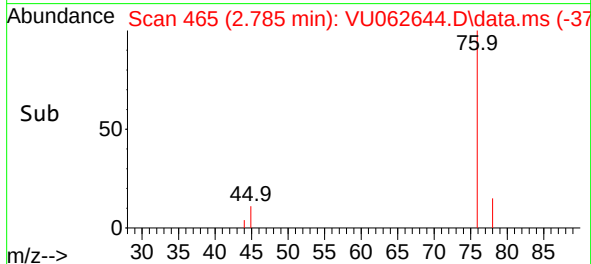
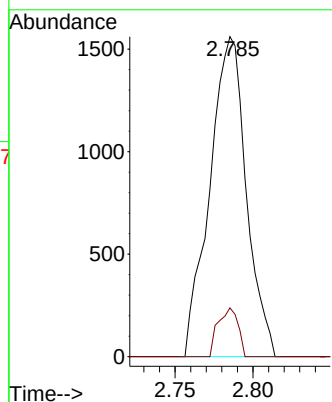
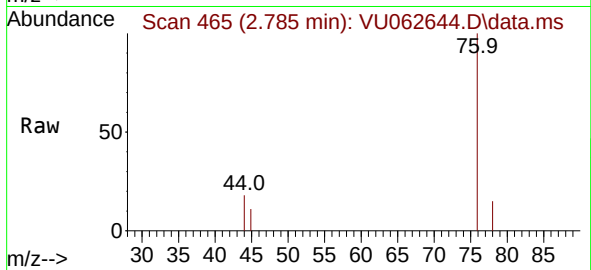
ClientSampleId :

Tgt Ion: 76 Resp: 2549

Ion Ratio Lower Upper

76 100

78 15.2 7.5 11.3#



#16

Methylene chloride

Concen: 0.219 ug/L

RT: 3.030 min Scan# 541

Delta R.T. -0.003 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

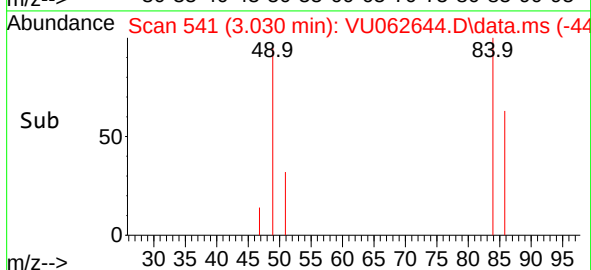
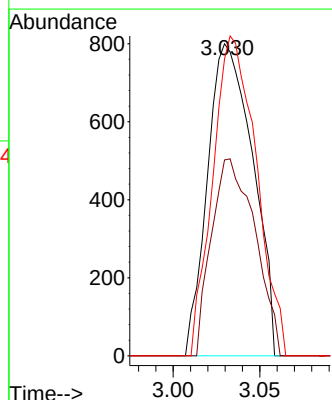
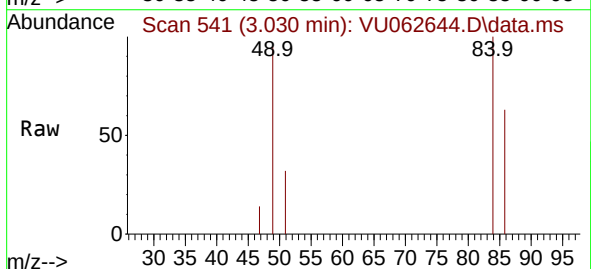
Tgt Ion: 84 Resp: 1454

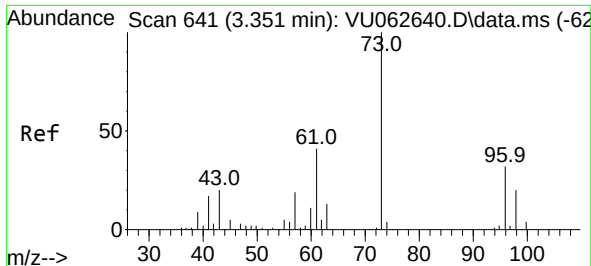
Ion Ratio Lower Upper

84 100

86 62.7 43.5 80.7

49 95.1 81.9 152.1

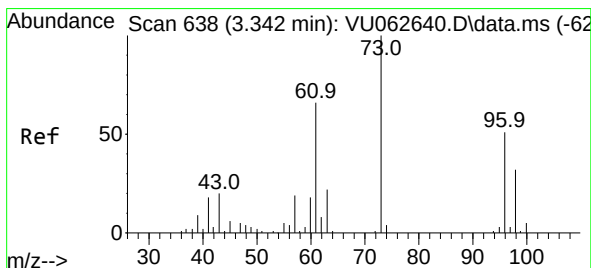
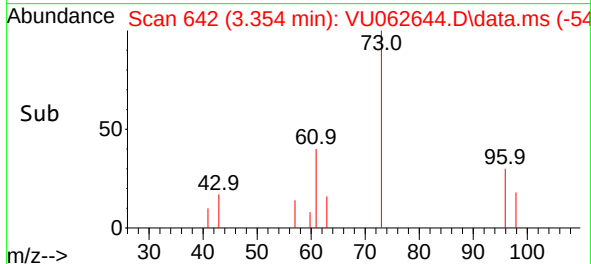
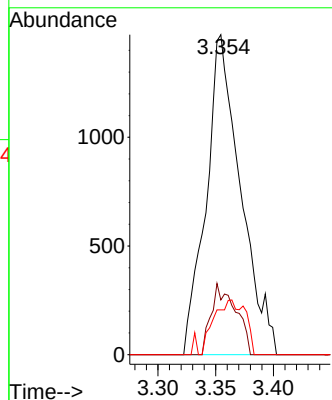
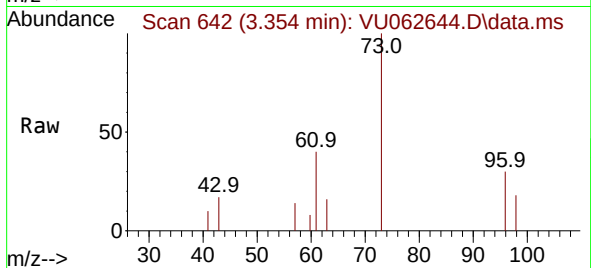




#17
Methyl tert-butyl Ether
Concen: 0.193 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
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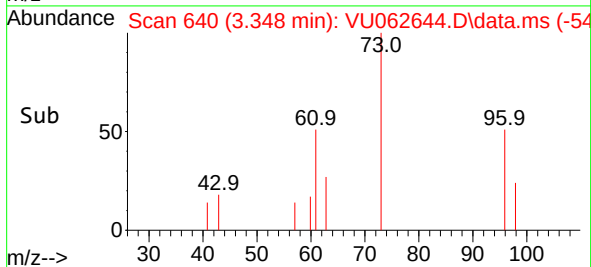
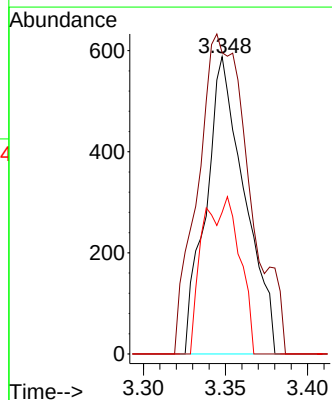
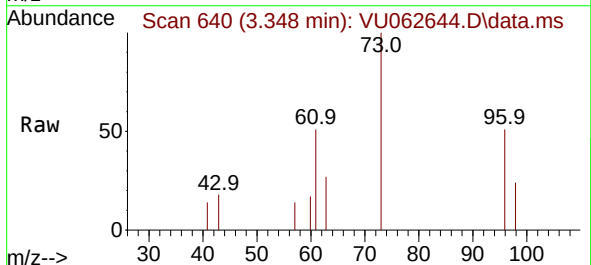
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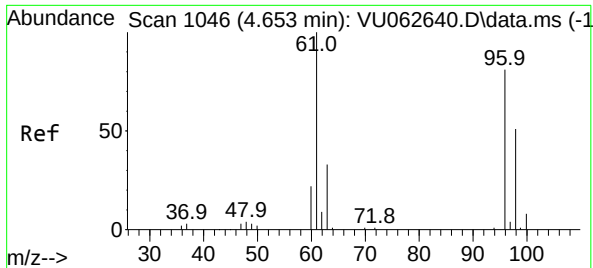
Tgt Ion: 73 Resp: 3055
Ion Ratio Lower Upper
73 100
43 15.8 16.3 24.5#
57 15.5 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 0.148 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

Tgt Ion: 96 Resp: 963
Ion Ratio Lower Upper
96 100
61 101.4 104.2 193.4#
98 47.6 45.7 84.9

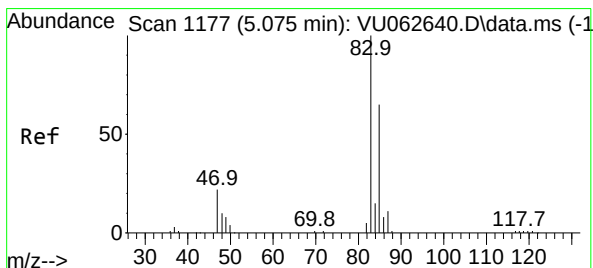
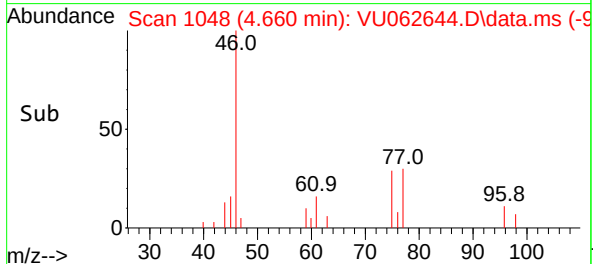
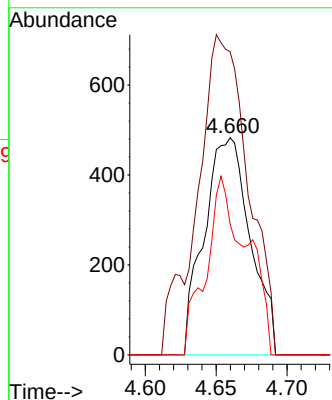
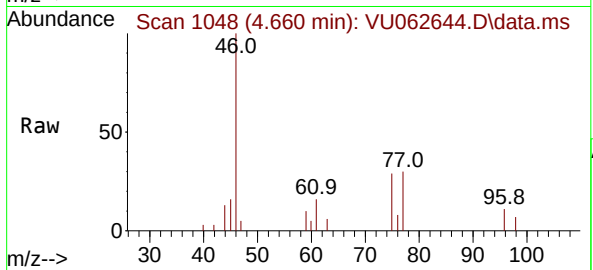




#22
cis-1,2-Dichloroethene
Concen: 0.150 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU062644.D
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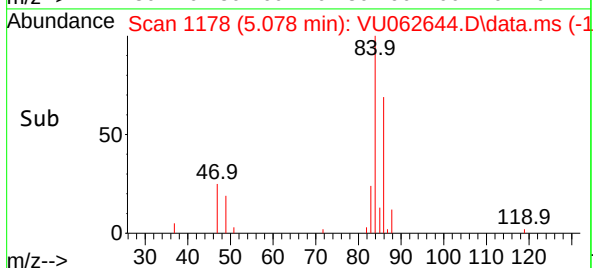
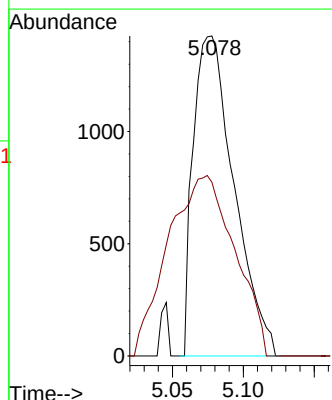
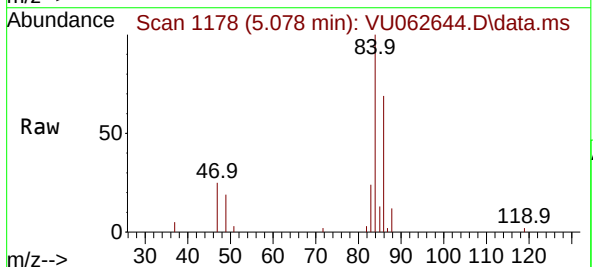
Instrument :
MSVOA_U
ClientSampleId :

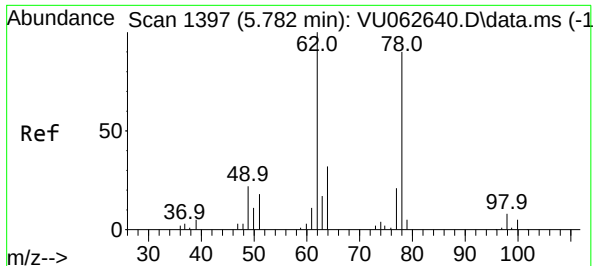
Tgt Ion: 96 Resp: 1096
Ion Ratio Lower Upper
96 100
61 139.5 92.0 170.8
98 60.2 44.5 82.7



#25
Chloroform
Concen: 0.212 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

Tgt Ion: 83 Resp: 2854
Ion Ratio Lower Upper
83 100
85 54.3 45.4 84.2





#27

1,2-Dichloroethane

Concen: 0.180 ug/L

RT: 5.792 min Scan# 14

Delta R.T. 0.010 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

Instrument :

MSVOA_U

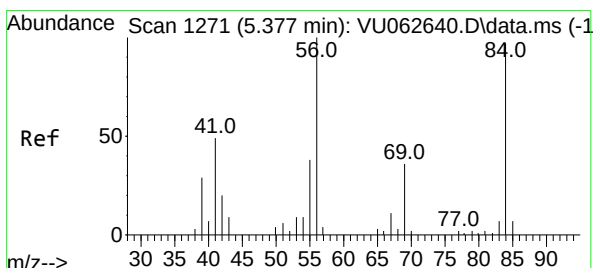
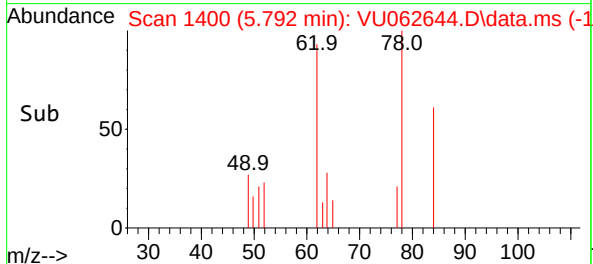
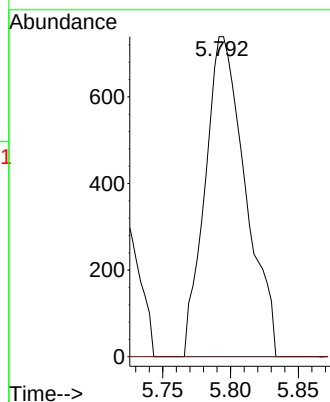
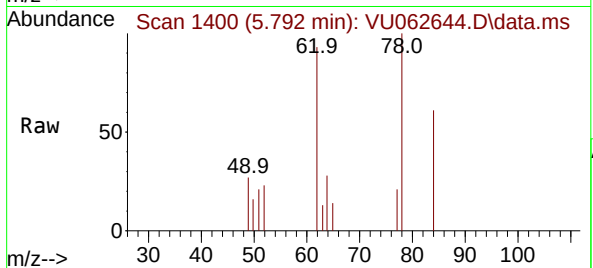
ClientSampleId :

Tgt Ion: 62 Resp: 1534

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#30

Cyclohexane

Concen: 0.148 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

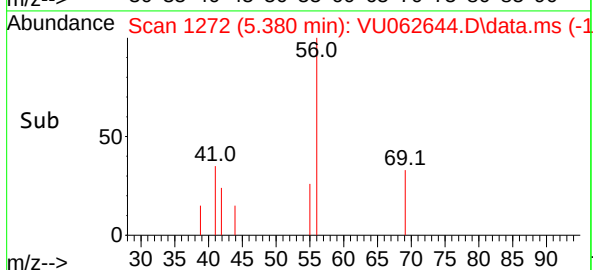
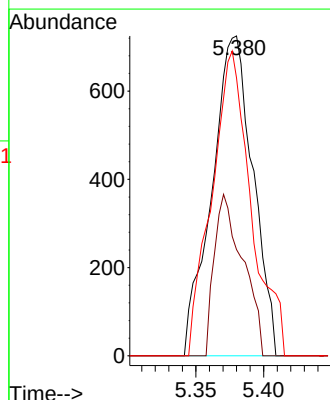
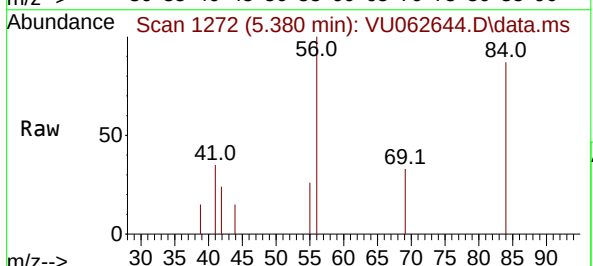
Tgt Ion: 56 Resp: 1526

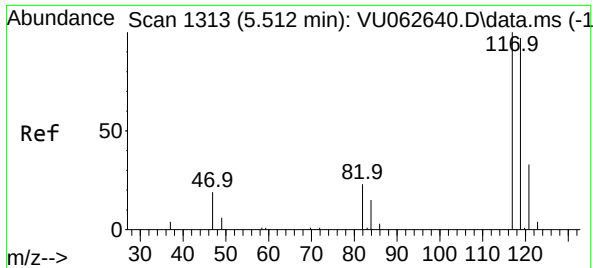
Ion Ratio Lower Upper

56 100

69 35.1 25.1 37.7

84 91.1 70.6 105.8

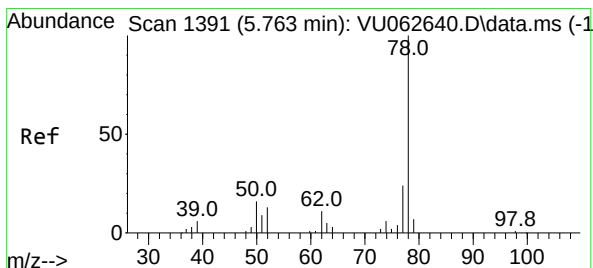
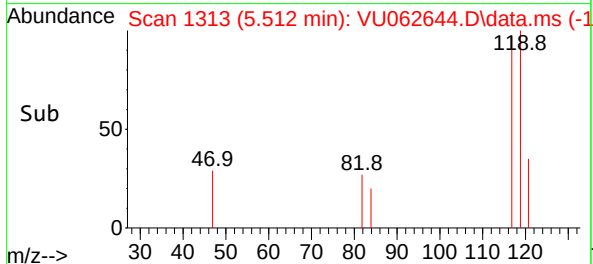
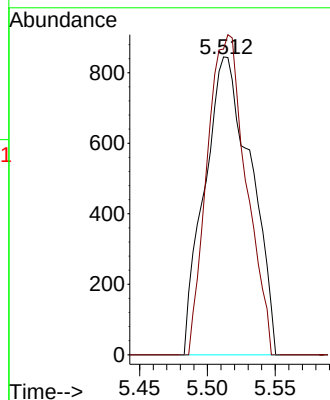
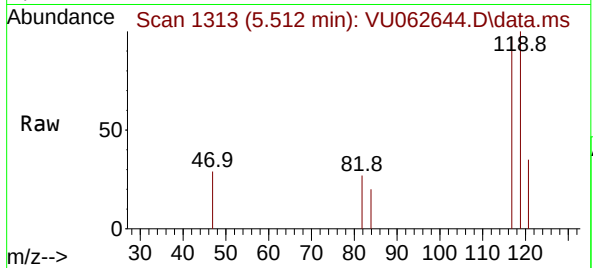




#31
Carbon tetrachloride
Concen: 0.173 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

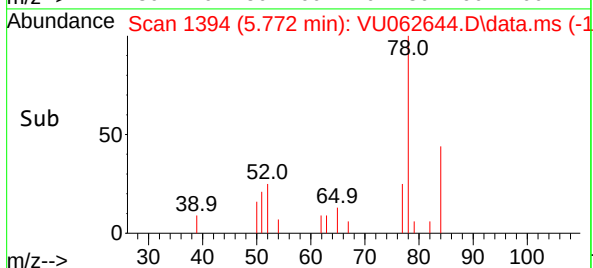
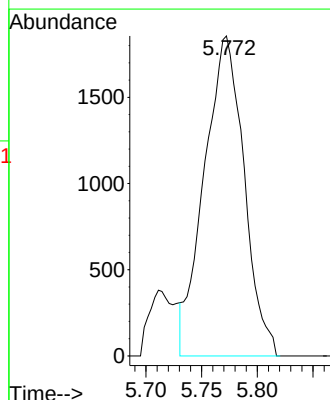
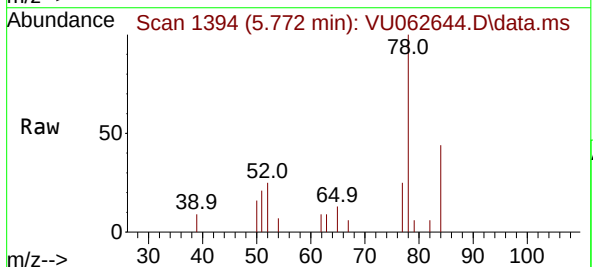
Instrument :
MSVOA_U
ClientSampleId :

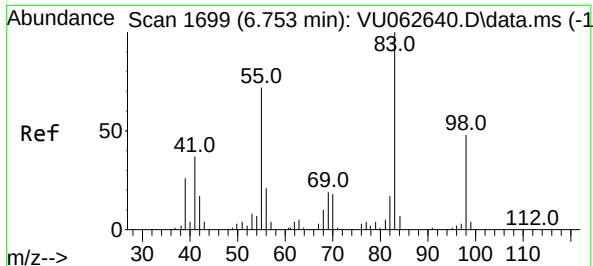
Tgt Ion:117 Resp: 2010
Ion Ratio Lower Upper
117 100
119 90.2 77.5 116.3



#33
Benzene
Concen: 0.165 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.010 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

Tgt Ion: 78 Resp: 4604

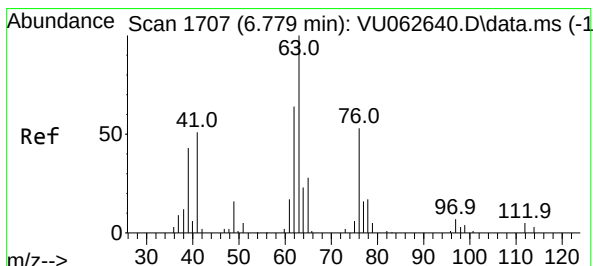
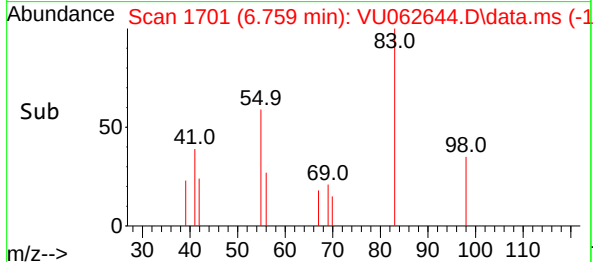
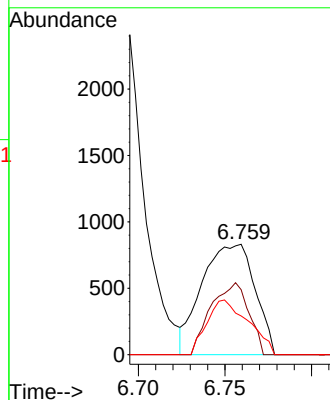
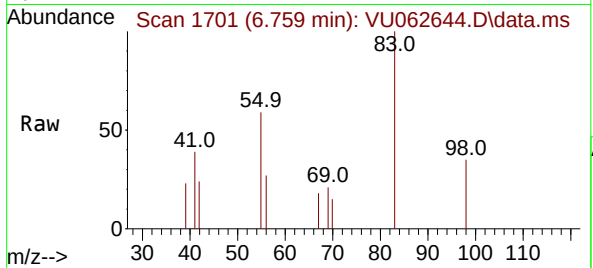




#35
Methylcyclohexane
Concen: 0.151 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

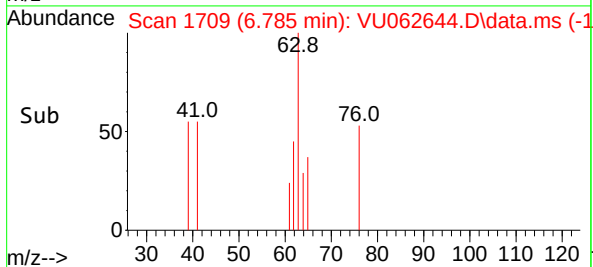
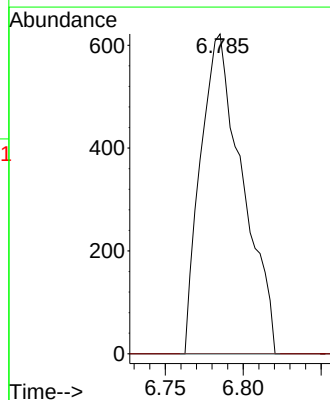
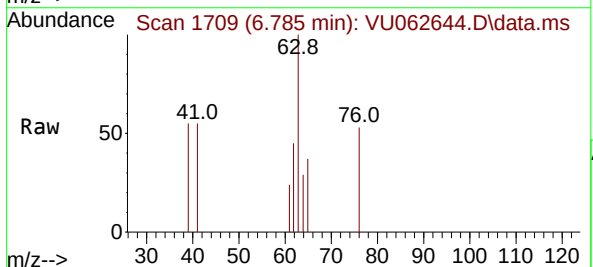
Instrument :
MSVOA_U
ClientSampleId :

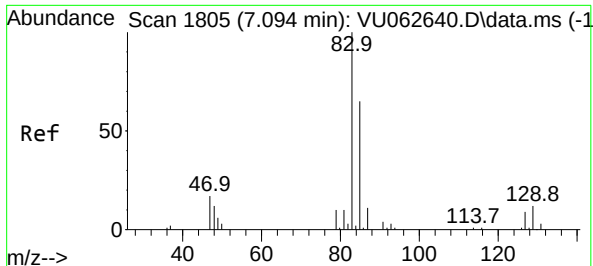
Tgt Ion: 83 Resp: 1768
Ion Ratio Lower Upper
83 100
55 46.5 60.7 91.1#
98 39.0 34.8 52.2



#37
1,2-Dichloropropane
Concen: 0.170 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.006 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

Tgt Ion: 63 Resp: 1159
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

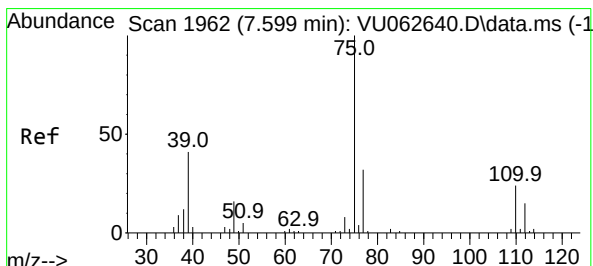
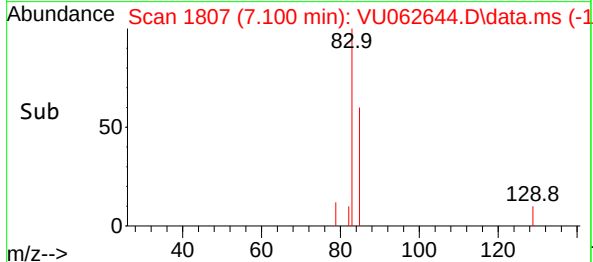
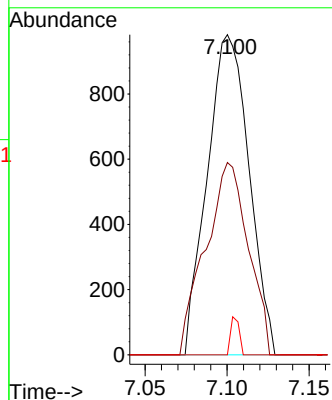
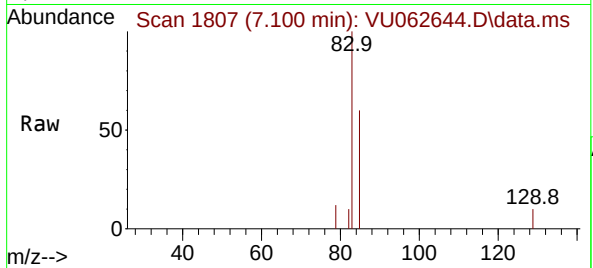




#38
Bromodichloromethane
Concen: 0.181 ug/L
RT: 7.100 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

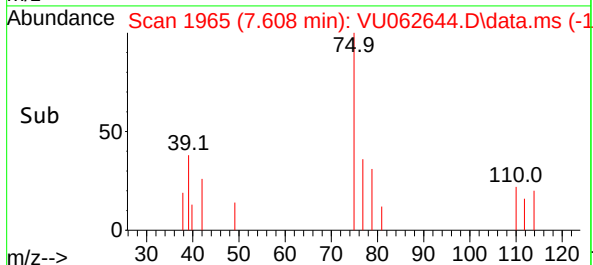
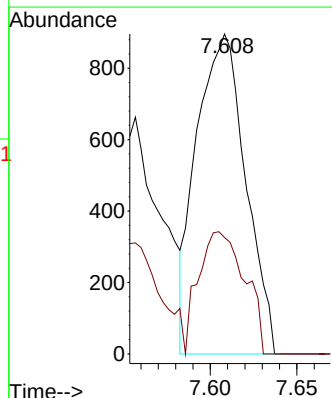
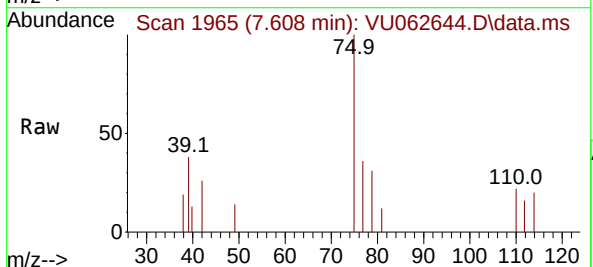
Instrument :
MSVOA_U
ClientSampleId :

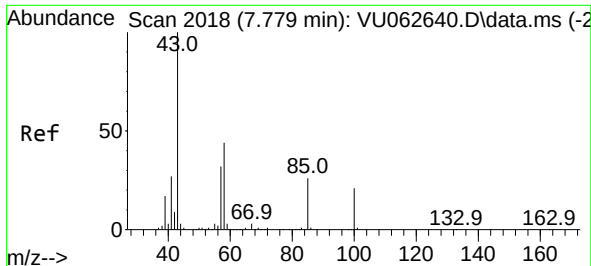
Tgt Ion: 83 Resp: 1738
Ion Ratio Lower Upper
83 100
85 60.1 44.1 81.9
127 0.0 6.9 10.3#



#39
cis-1,3-Dichloropropene
Concen: 0.161 ug/L
RT: 7.608 min Scan# 1965
Delta R.T. 0.010 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

Tgt Ion: 75 Resp: 1762
Ion Ratio Lower Upper
75 100
77 36.4 22.3 41.3





#40

4-Methyl-2-pentanone

Concen: 1.652 ug/L

RT: 7.788 min Scan# 2018

Delta R.T. 0.010 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

Instrument :

MSVOA_U

ClientSampleId :

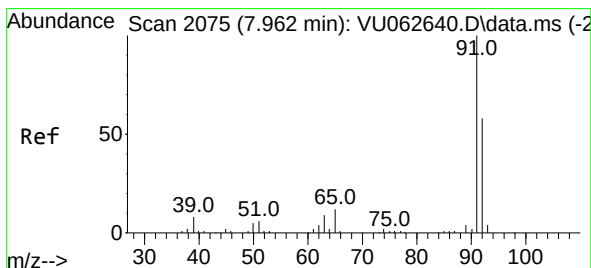
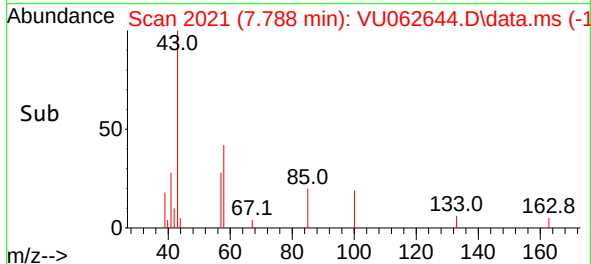
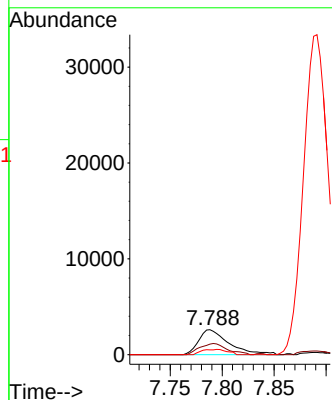
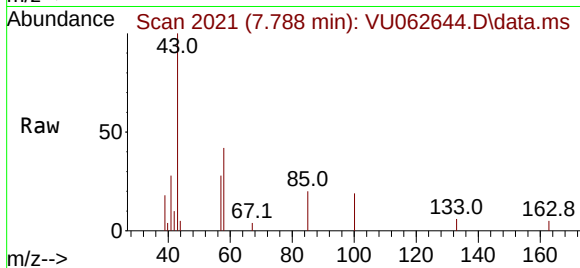
Tgt Ion: 43 Resp: 5272

Ion Ratio Lower Upper

43 100

58 40.7 33.3 49.9

100 0.0 12.4 18.6#



#42

Toluene

Concen: 0.146 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.006 min

Lab File: VU062644.D

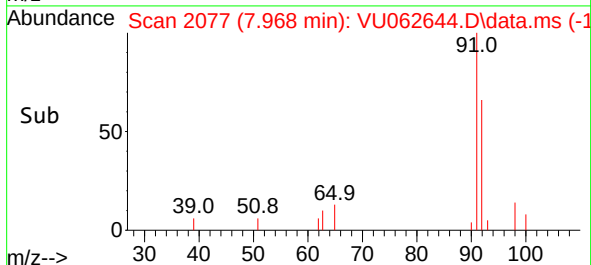
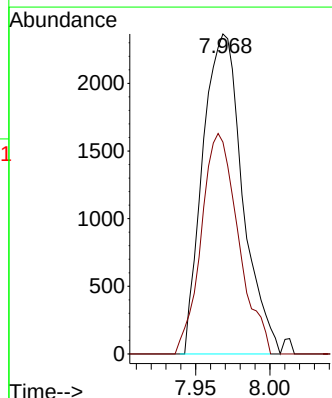
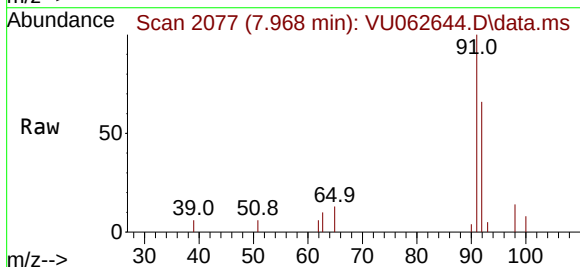
Acq: 31 Dec 2024 13:56

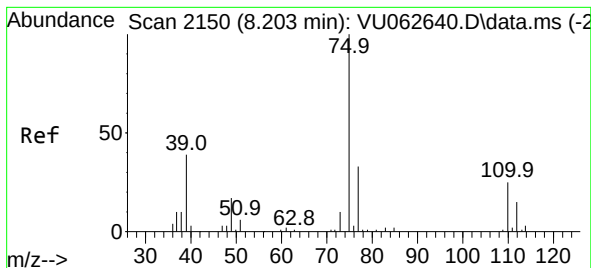
Tgt Ion: 91 Resp: 4411

Ion Ratio Lower Upper

91 100

92 66.2 39.0 72.4





#44

trans-1,3-Dichloropropene

Concen: 0.178 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

Instrument :

MSVOA_U

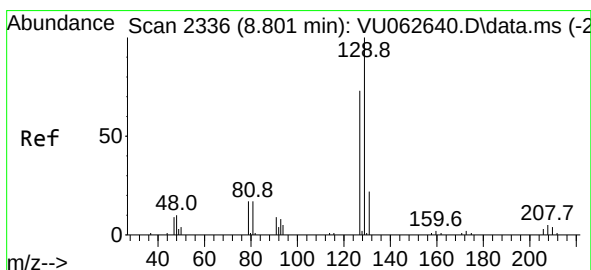
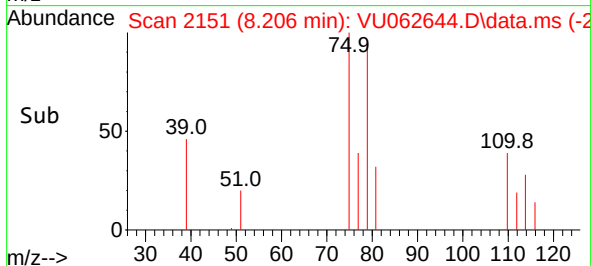
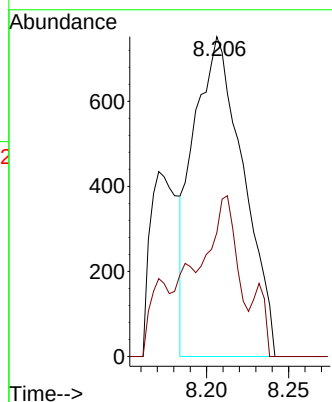
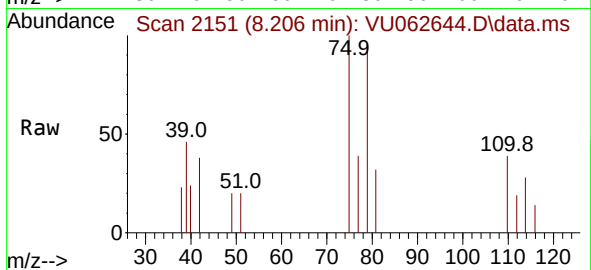
ClientSampleId :

Tgt Ion: 75 Resp: 1584

Ion Ratio Lower Upper

75 100

77 38.7 21.8 40.4



#49

Dibromochloromethane

Concen: 0.173 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU062644.D

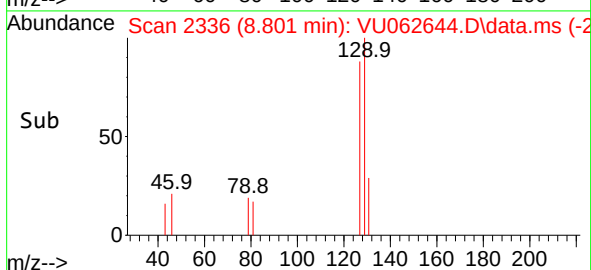
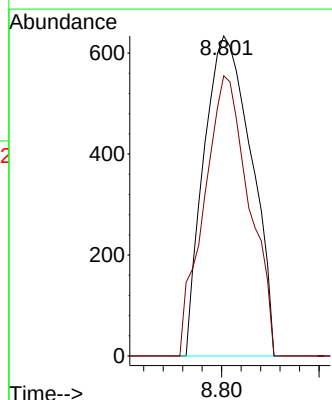
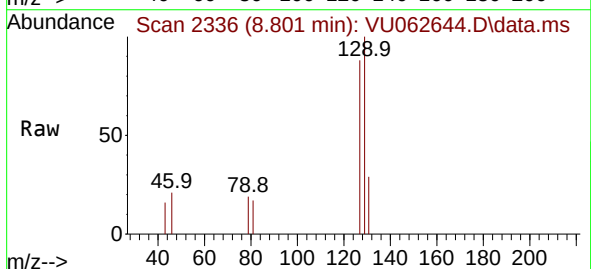
Acq: 31 Dec 2024 13:56

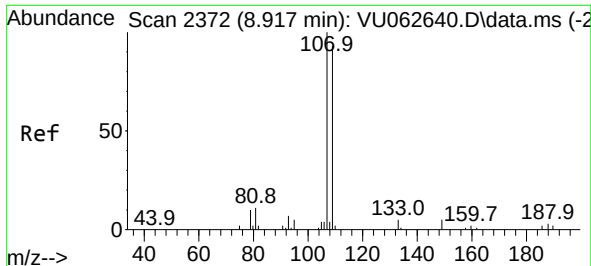
Tgt Ion: 129 Resp: 1074

Ion Ratio Lower Upper

129 100

127 87.5 51.1 94.9





#50

1,2-Dibromoethane

Concen: 0.137 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU062644.D

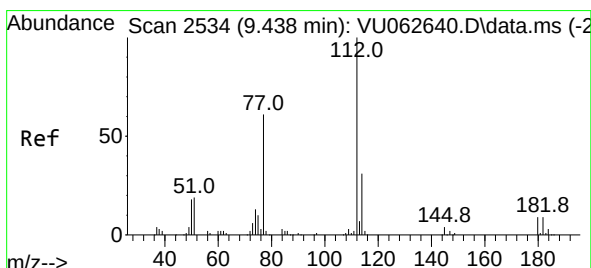
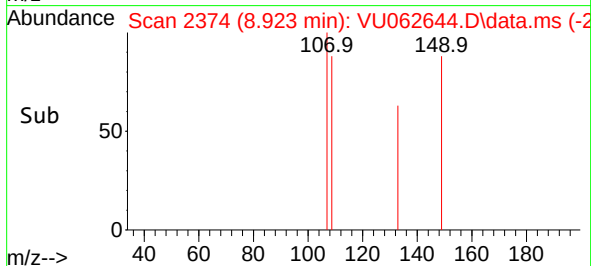
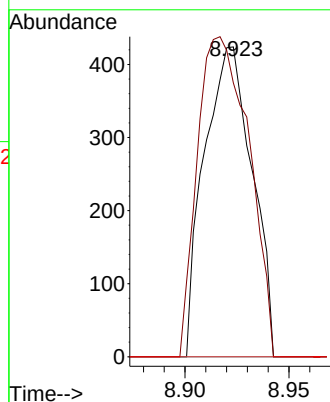
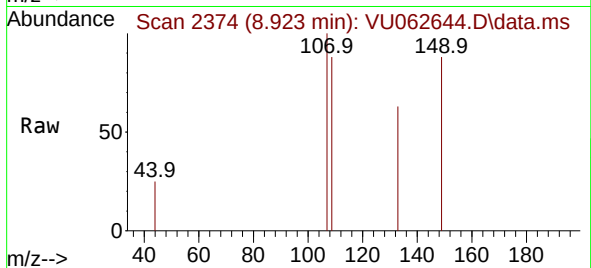
Acq: 31 Dec 2024 13:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	678
Ion	Ratio	Lower Upper
107	100	
109	88.4	66.8 124.2
188	0.0	2.3 3.5#



#51

Chlorobenzene

Concen: 0.177 ug/L

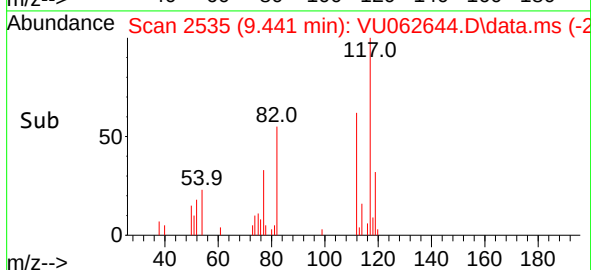
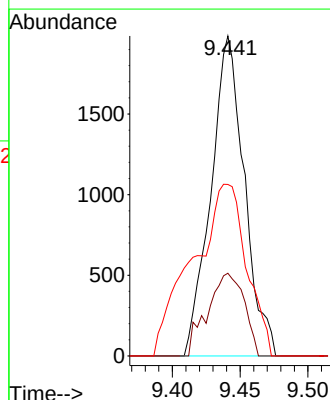
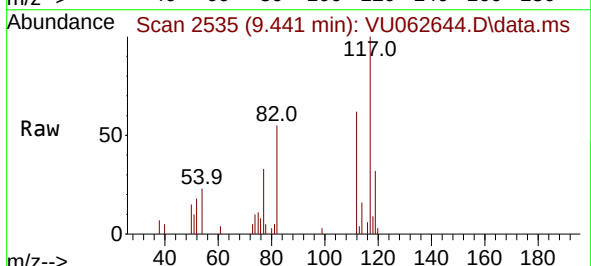
RT: 9.441 min Scan# 2535

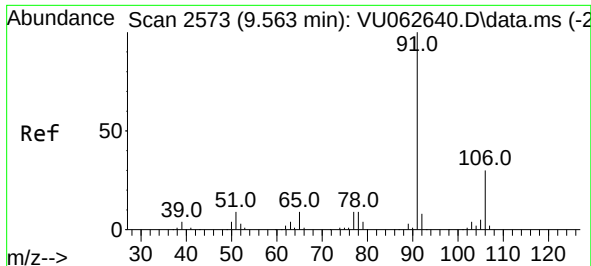
Delta R.T. 0.003 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

Tgt Ion:112	Resp:	3411
Ion	Ratio	Lower Upper
112	100	
114	25.9	23.0 42.6
77	62.2	50.5 75.7





#52

Ethylbenzene

Concen: 0.164 ug/L

RT: 9.566 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

Instrument :

MSVOA_U

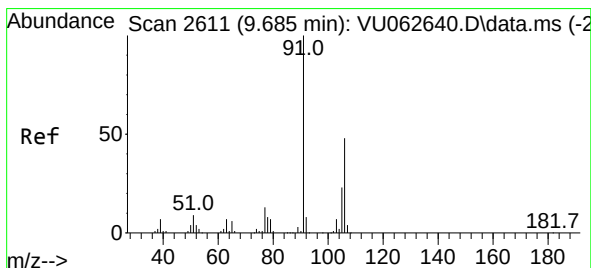
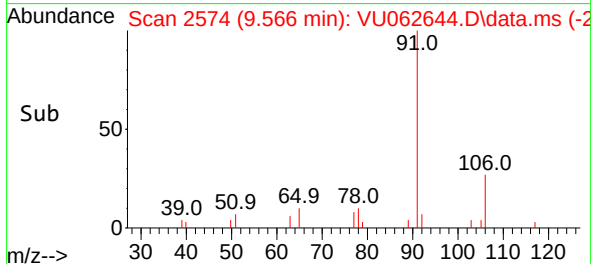
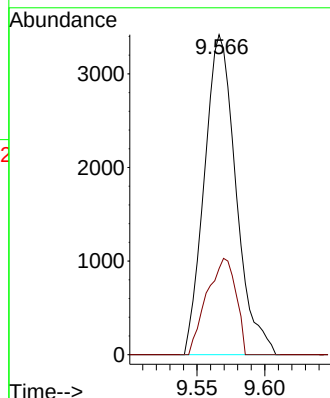
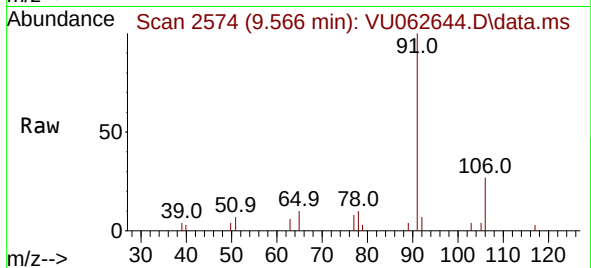
ClientSampleId :

Tgt Ion: 91 Resp: 5531

Ion Ratio Lower Upper

91 100

106 26.9 21.6 40.0



#53

m,p-Xylene

Concen: 0.139 ug/L

RT: 9.695 min Scan# 2614

Delta R.T. 0.010 min

Lab File: VU062644.D

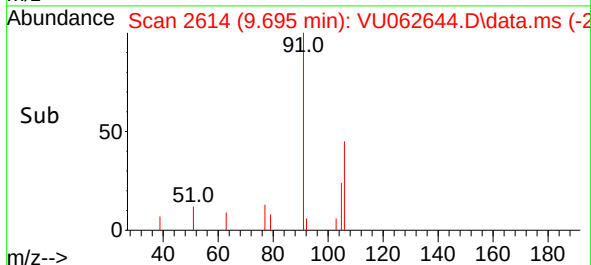
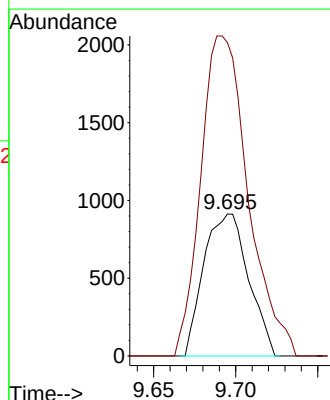
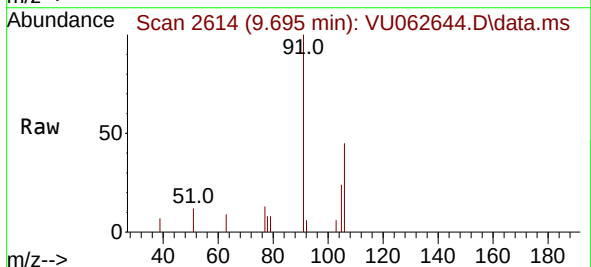
Acq: 31 Dec 2024 13:56

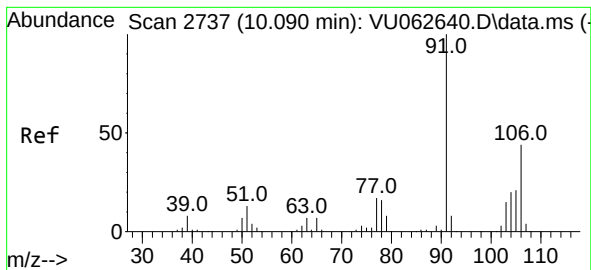
Tgt Ion:106 Resp: 1730

Ion Ratio Lower Upper

106 100

91 220.8 147.6 274.0





#54

o-Xylene

Concen: 0.137 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

Instrument :

MSVOA_U

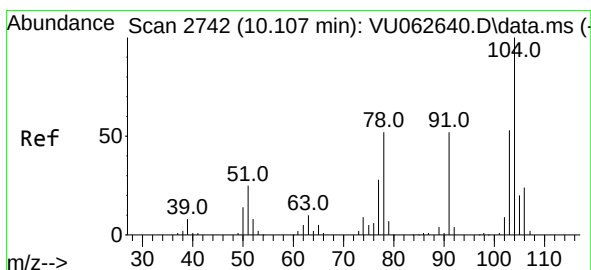
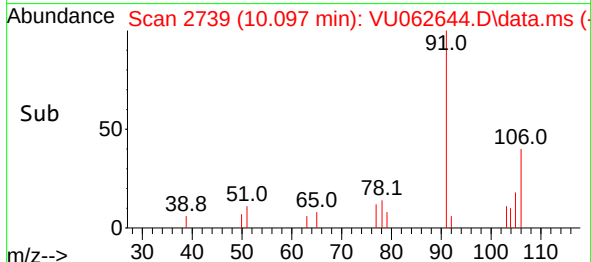
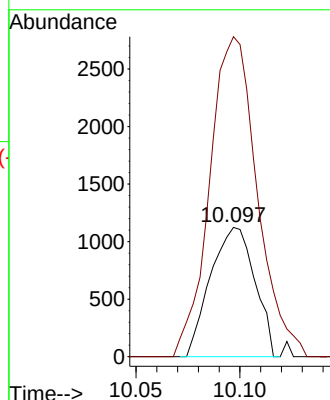
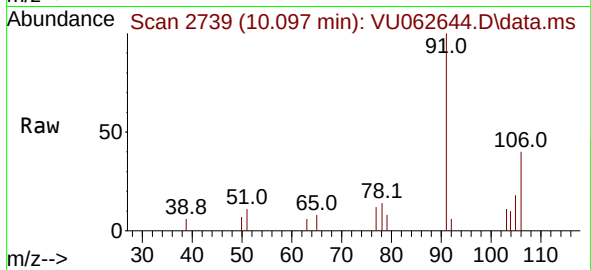
ClientSampleId :

Tgt Ion:106 Resp: 1667

Ion Ratio Lower Upper

106 100

91 247.4 159.8 296.8



#55

Styrene

Concen: 0.133 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU062644.D

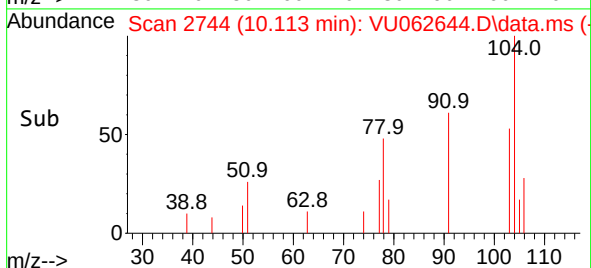
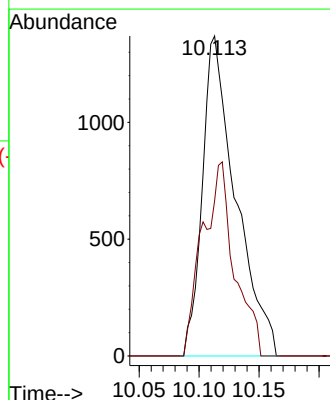
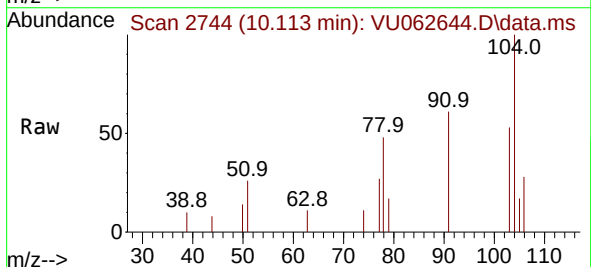
Acq: 31 Dec 2024 13:56

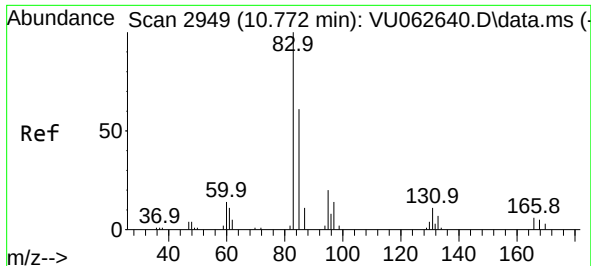
Tgt Ion:104 Resp: 2652

Ion Ratio Lower Upper

104 100

78 48.5 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.186 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

Instrument :

MSVOA_U

ClientSampleId :

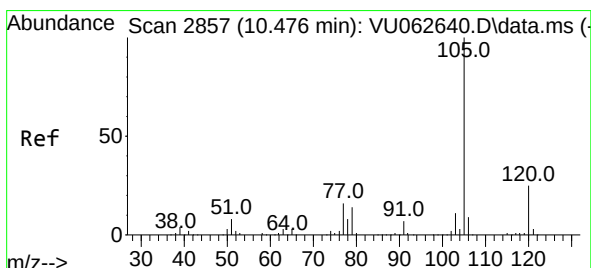
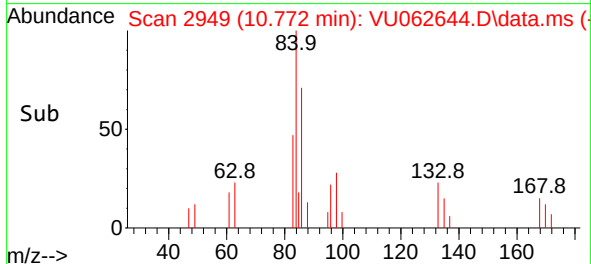
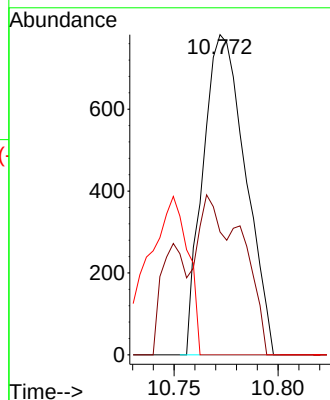
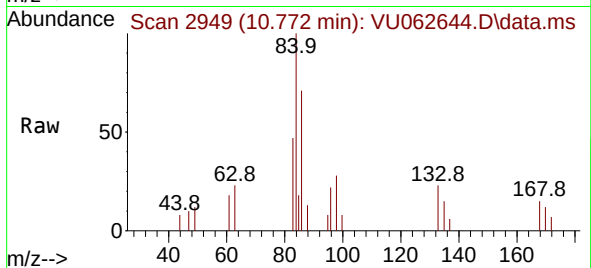
Tgt Ion: 83 Resp: 1112

Ion Ratio Lower Upper

83 100

85 38.4 44.4 82.4#

131 0.0 7.3 10.9#



#60

Isopropylbenzene

Concen: 0.147 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

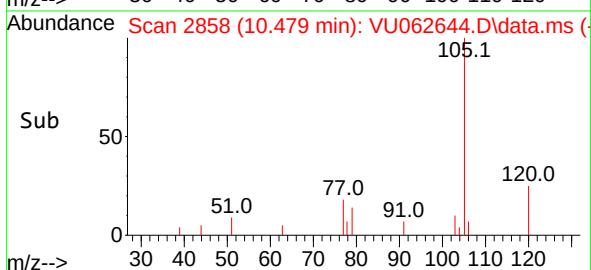
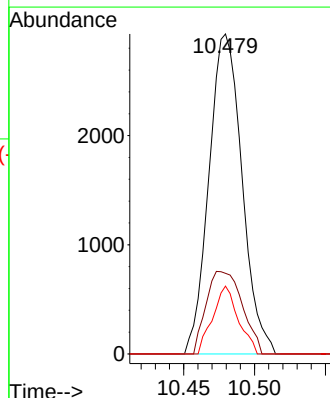
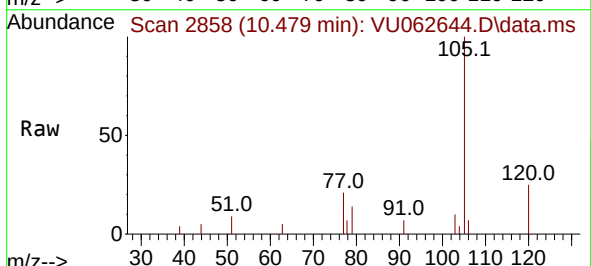
Tgt Ion: 105 Resp: 4756

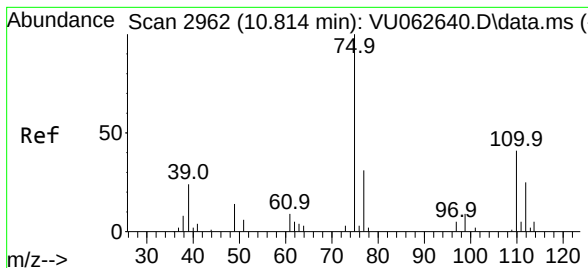
Ion Ratio Lower Upper

105 100

120 28.1 20.6 31.0

77 16.3 13.0 19.6





#61

1,2,3-Trichloropropane

Concen: 0.167 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

Instrument :

MSVOA_U

ClientSampleId :

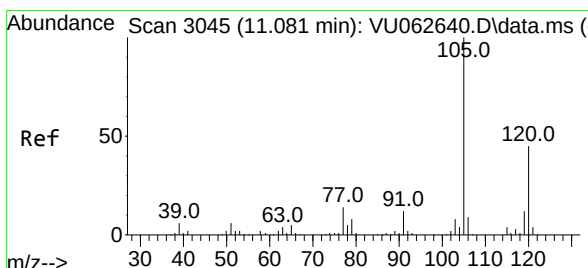
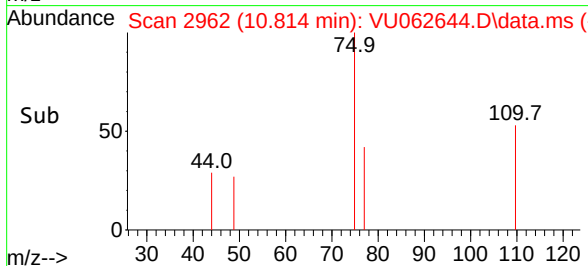
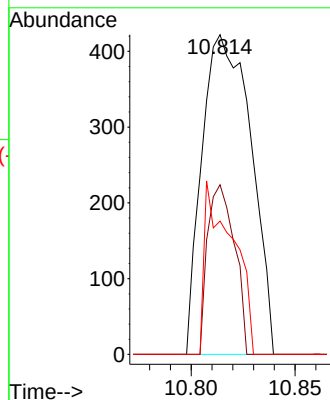
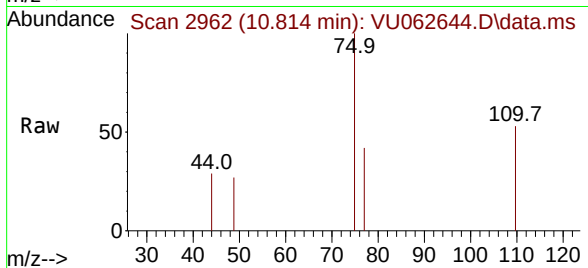
Tgt Ion: 75 Resp: 691

Ion Ratio Lower Upper

75 100

110 29.1 28.9 43.3

77 31.5 26.5 39.7



#62

1,3,5-Trimethylbenzene

Concen: 0.145 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU062644.D

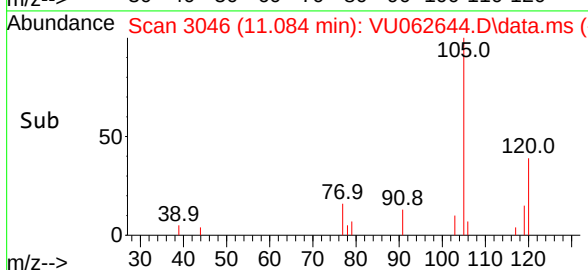
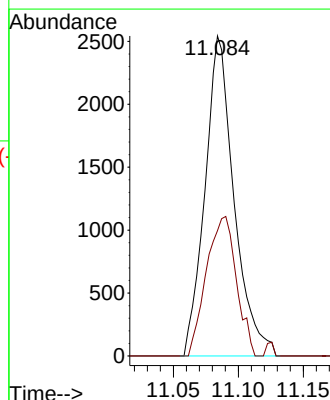
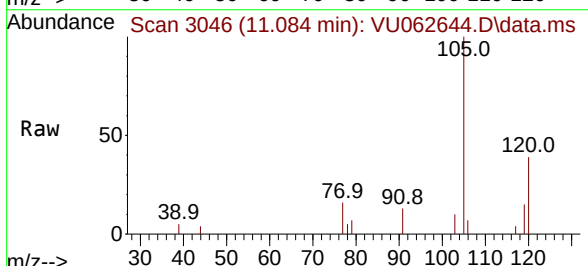
Acq: 31 Dec 2024 13:56

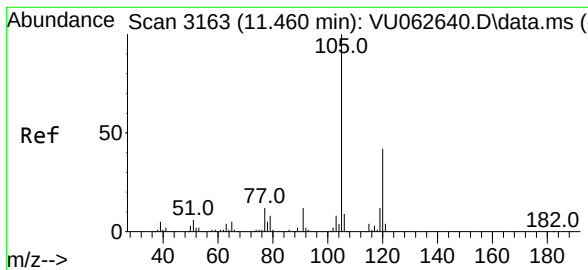
Tgt Ion: 105 Resp: 3957

Ion Ratio Lower Upper

105 100

120 44.9 36.7 55.1

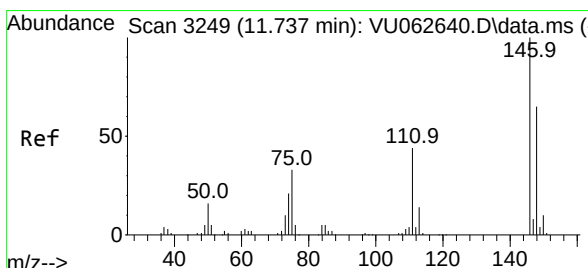
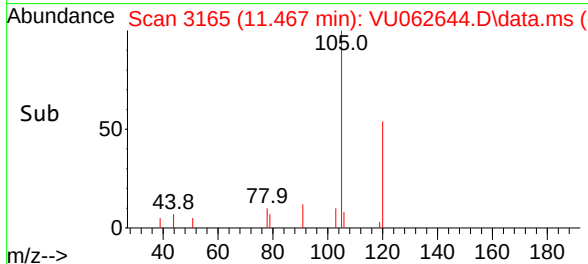
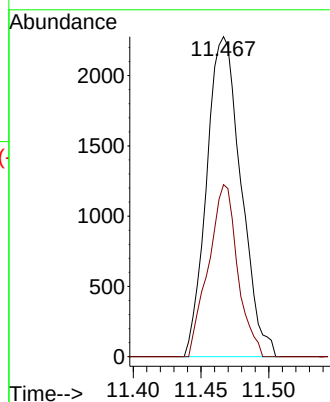
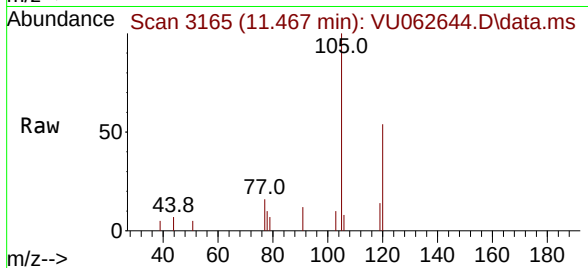




#63
1,2,4-Trimethylbenzene
Concen: 0.150 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

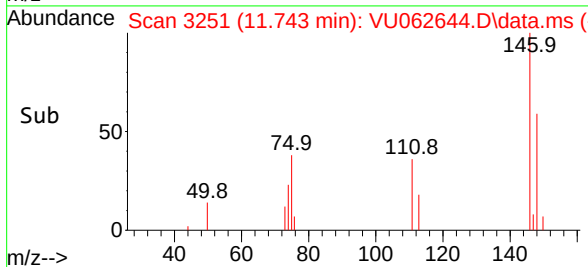
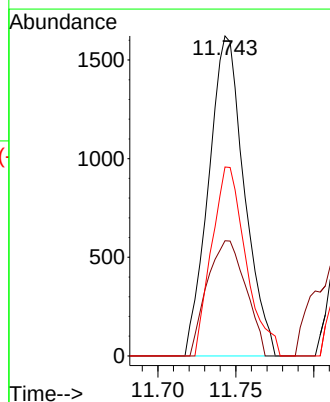
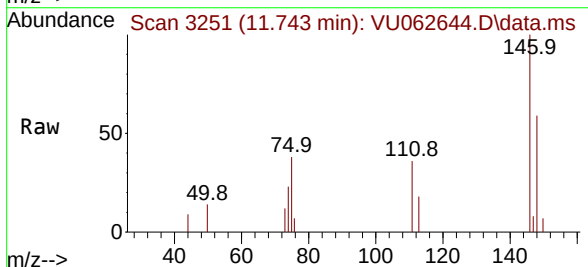
Instrument :
MSVOA_U
ClientSampleId :

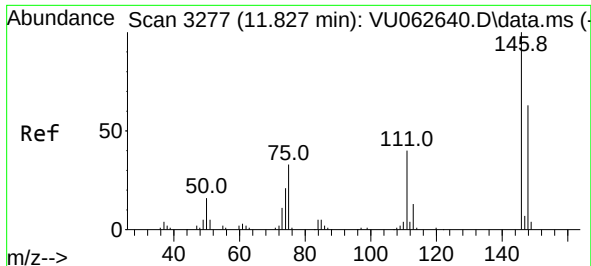
Tgt Ion:105 Resp: 4021
Ion Ratio Lower Upper
105 100
120 45.6 34.7 52.1



#64
1,3-Dichlorobenzene
Concen: 0.174 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

Tgt Ion:146 Resp: 2581
Ion Ratio Lower Upper
146 100
111 36.0 30.7 57.1
148 59.1 45.1 83.7

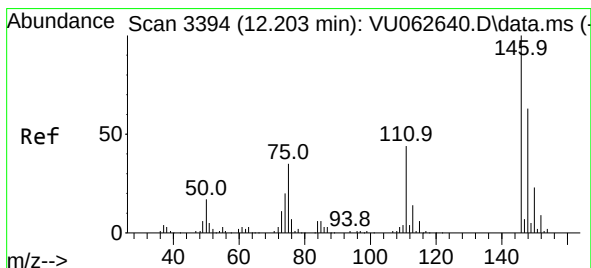
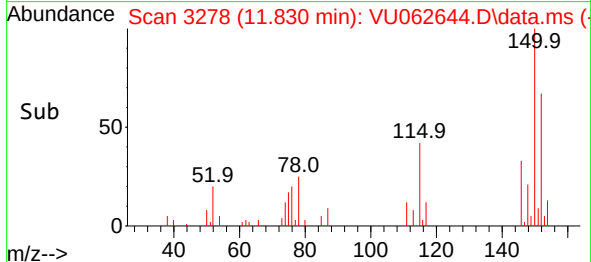
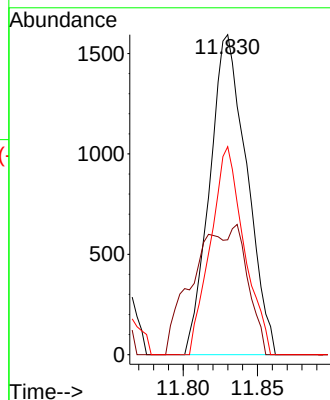
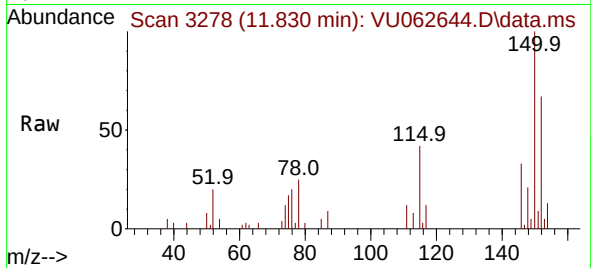




#65
1,4-Dichlorobenzene
Concen: 0.185 ug/L
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

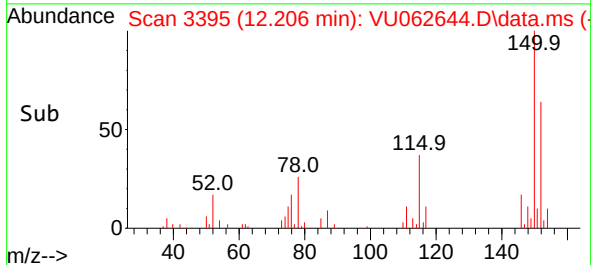
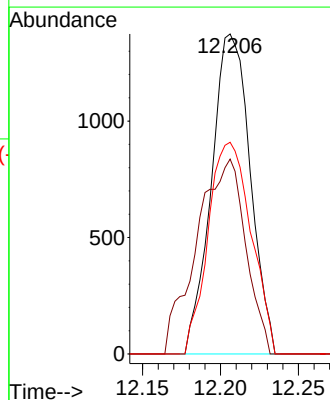
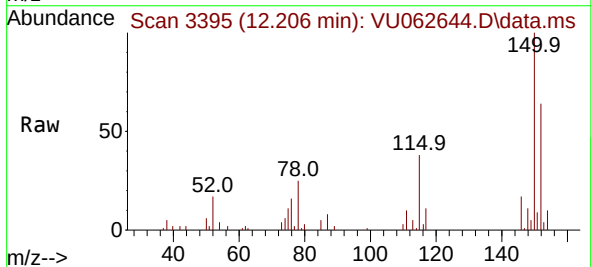
Instrument :
MSVOA_U
ClientSampleId :

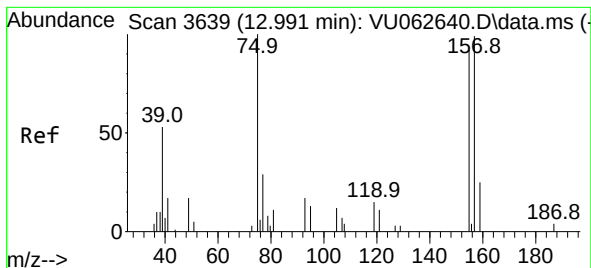
Tgt Ion:146 Resp: 2763
Ion Ratio Lower Upper
146 100
111 35.9 29.3 54.3
148 65.0 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 0.174 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU062644.D
Acq: 31 Dec 2024 13:56

Tgt Ion:146 Resp: 2381
Ion Ratio Lower Upper
146 100
111 60.9 36.0 54.0#
148 66.2 52.3 78.5

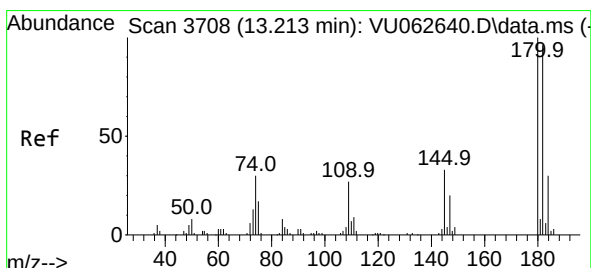
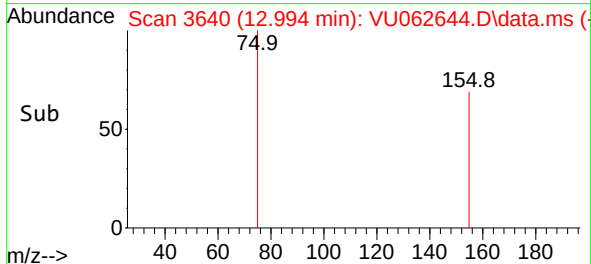
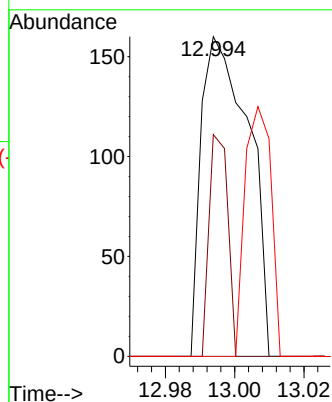
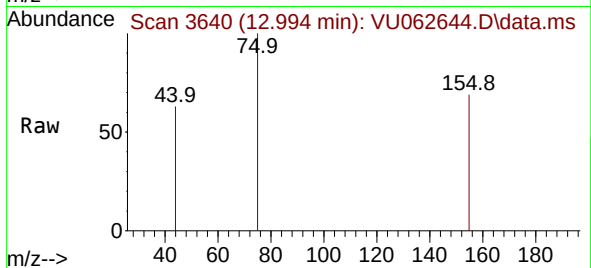




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.169 ug/L
 RT: 12.994 min Scan# 3640
 Delta R.T. 0.003 min
 Lab File: VU062644.D
 Acq: 31 Dec 2024 13:56

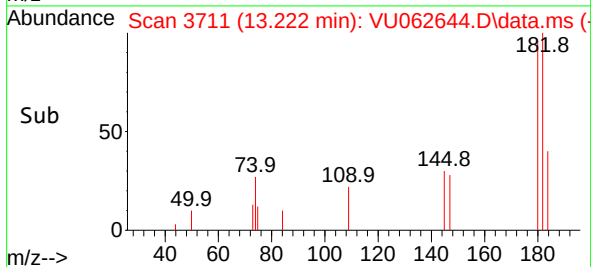
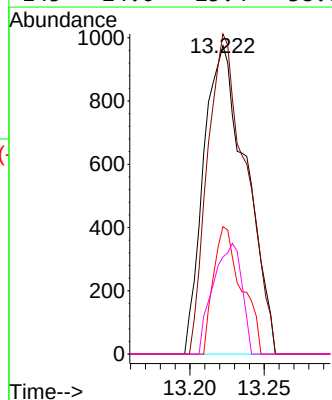
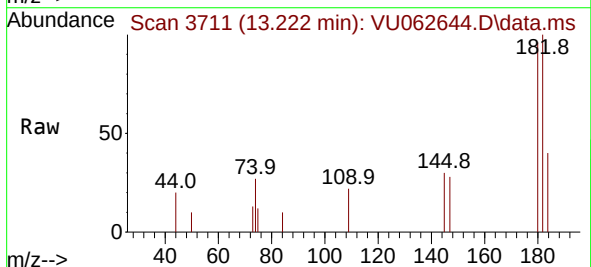
Instrument :
 MSVOA_U
 ClientSampleId :

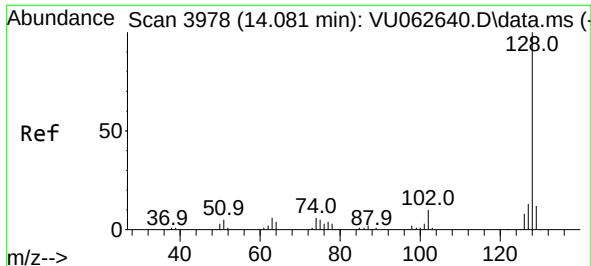
Tgt Ion: 75 Resp: 152
 Ion Ratio Lower Upper
 75 100
 155 69.4 55.2 82.8
 157 0.0 73.5 110.3#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.177 ug/L
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.010 min
 Lab File: VU062644.D
 Acq: 31 Dec 2024 13:56

Tgt Ion:180 Resp: 1946
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.7 115.1
 184 27.1 24.8 37.2
 145 24.0 25.4 38.0#





#71

Naphthalene

Concen: 0.140 ug/L

RT: 14.106 min Scan# 3986

Delta R.T. 0.026 min

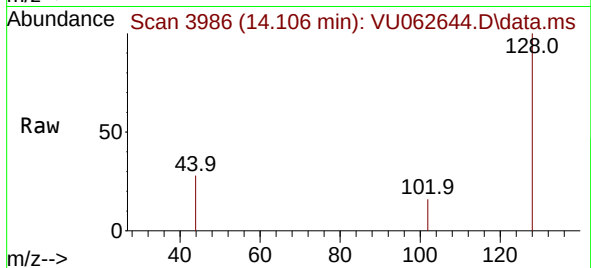
Lab File: VU062644.D

Acq: 31 Dec 2024 13:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 1824

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 0.0 10.2 15.4#

