

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100423\
 Data File : VU055662.D
 Acq On : 04 Oct 2023 16:46
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 23:02:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 23:00:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	157036	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	164434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	101309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	77548	4.886	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.911	69	69028	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.563	65	30818	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.624	46	121749	42.469	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.940%
24) Chloroform-d	5.062	84	134428	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.701	65	60989	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.724	84	257644	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.689	67	78756	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.894	98	239147	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	29806	4.942	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.631	63	78237	42.651	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.300%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55408	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	80273	3.926	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	72007	4.710	ug/L	99
3) Chloromethane	1.518	50	80612	5.994	ug/L	99
5) Vinyl chloride	1.602	62	86578	5.967	ug/L	96
6) Bromomethane	1.856	94	54554	5.919	ug/L	100
8) Chloroethane	1.930	64	58914	6.222	ug/L	94
9) Trichlorofluoromethane	2.136	101	117127	5.821	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	63894	5.218	ug/L	98
12) 1,1-Dichloroethene	2.576	96	55260	5.033	ug/L	89
13) Acetone	2.631	43	90376	55.305	ug/L	100
14) Carbon disulfide	2.792	76	170566	5.168	ug/L	99
15) Methyl Acetate	2.952	43	20490	5.500	ug/L	98
16) Methylene chloride	3.042	84	72464	5.509	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	129719	5.446	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	57680	5.212	ug/L	93
19) 1,1-Dichloroethane	3.866	63	119391	5.834	ug/L	98
21) 2-Butanone	4.705	43	143408	59.834	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	65813	5.129	ug/L	99
23) Bromochloromethane	4.972	128	28574	5.269	ug/L	91
25) Chloroform	5.084	83	127016	5.861	ug/L	100

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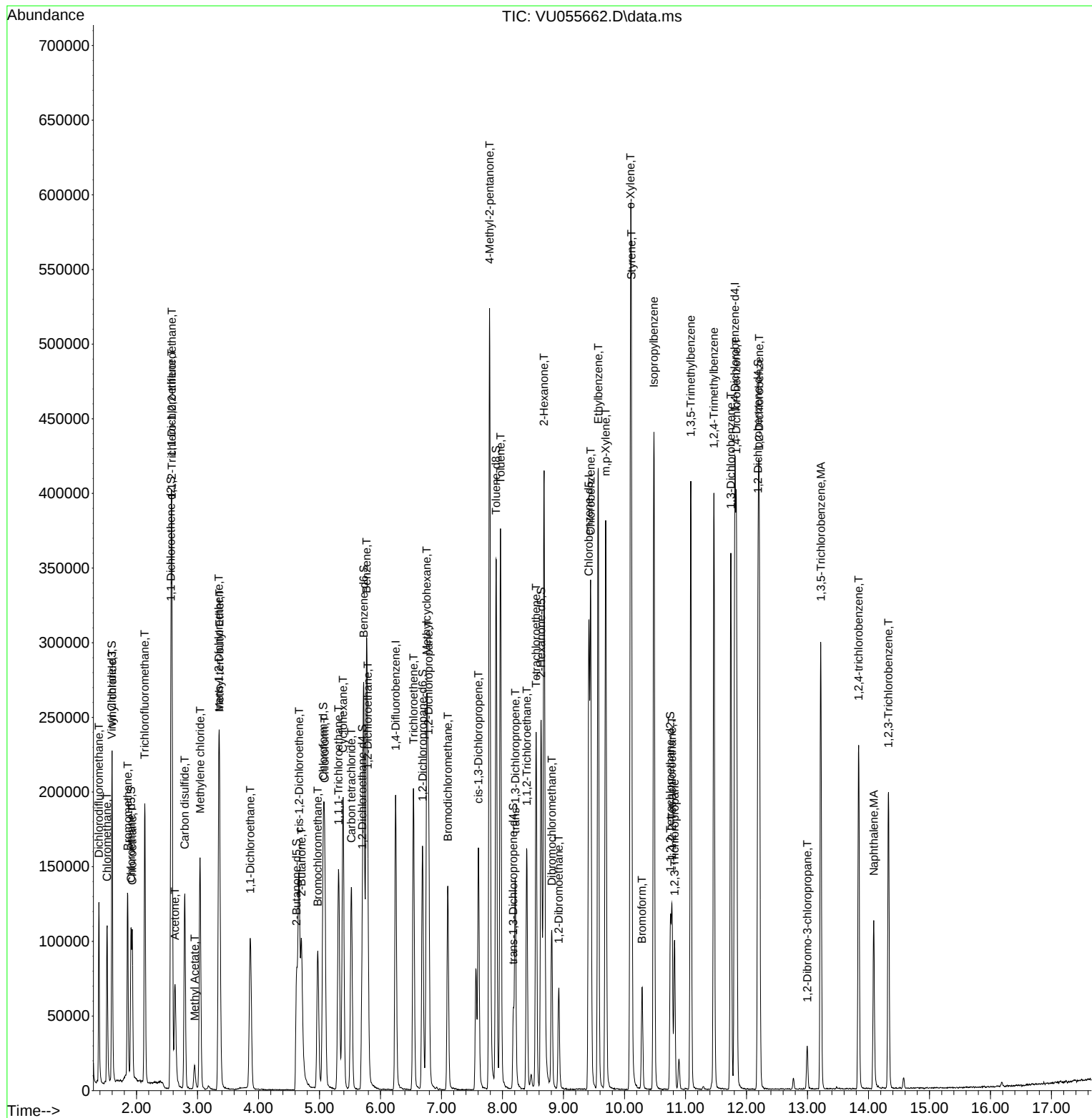
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	76021	5.720	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	106094	5.660	ug/L	97
30) Cyclohexane	5.386	56	89530	5.217	ug/L	95
31) Carbon tetrachloride	5.521	117	90624	5.640	ug/L	97
33) Benzene	5.772	78	267998	5.663	ug/L	100
34) Trichloroethene	6.541	95	69326	5.179	ug/L	96
35) Methylcyclohexane	6.759	83	91883	4.765	ug/L	96
37) 1,2-Dichloropropane	6.788	63	71497	5.776	ug/L	99
38) Bromodichloromethane	7.103	83	87588	6.039	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	99351	6.014	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	341117	60.755	ug/L	96
42) Toluene	7.968	91	277624	5.499	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	81428	6.161	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	50242	5.789	ug/L	98
47) Tetrachloroethene	8.550	164	50021	5.209	ug/L	98
48) 2-Hexanone	8.682	43	265298	60.968	ug/L	96
49) Dibromochloromethane	8.807	129	54920	6.037	ug/L	95
50) 1,2-Dibromoethane	8.923	107	45060	5.595	ug/L #	99
51) Chlorobenzene	9.444	112	174210	5.388	ug/L	100
52) Ethylbenzene	9.569	91	290105	5.361	ug/L	98
53) m,p-Xylene	9.692	106	109007	5.375	ug/L	97
54) o-Xylene	10.100	106	106017	5.377	ug/L	95
55) Styrene	10.113	104	182536	5.725	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.778	83	59530	6.076	ug/L	97
59) Bromoform	10.286	173	29713	5.472	ug/L	97
60) Isopropylbenzene	10.483	105	285118	4.883	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	40820	5.162	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	219768	4.707	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	214960	4.703	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	140150	5.014	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	137674	4.928	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	128535	5.015	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.997	75	7384	5.387	ug/L	92
69) 1,3,5-Trichlorobenzene	13.219	180	87731	4.557	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	67080	4.571	ug/L	98
71) Naphthalene	14.087	128	93572	4.404	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	59666	4.672	ug/L	98

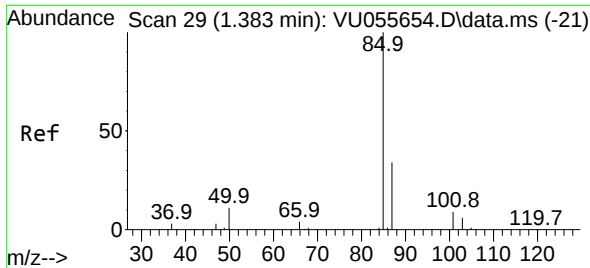
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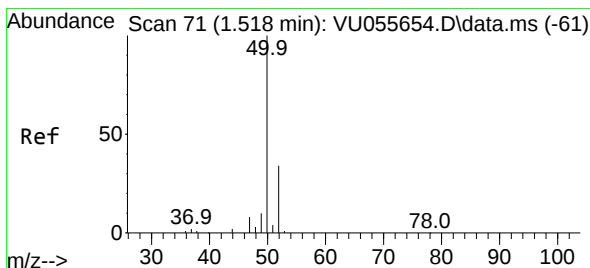
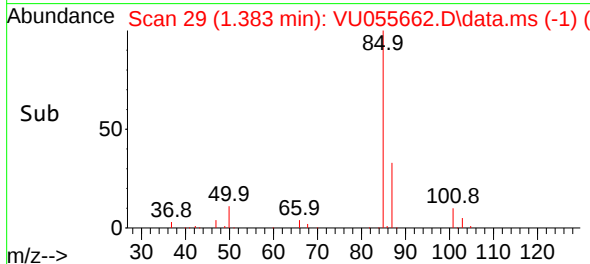
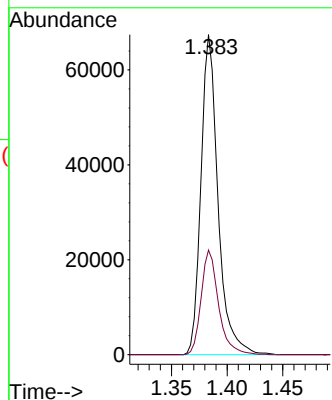
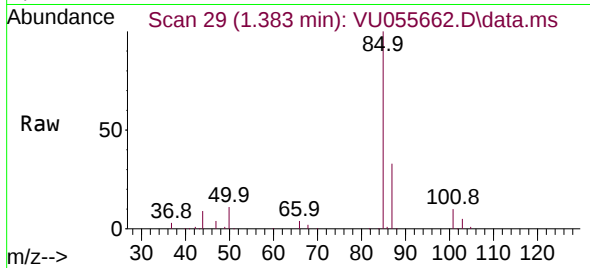




#2
 Dichlorodifluoromethane
 Concen: 4.710 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055662.D
 Acq: 04 Oct 2023 16:46

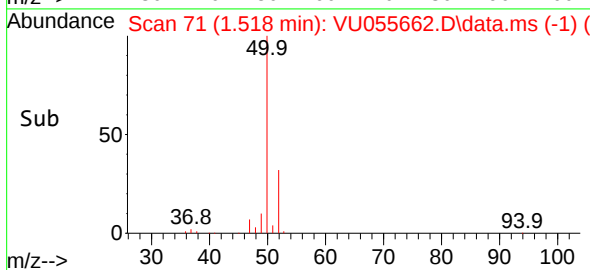
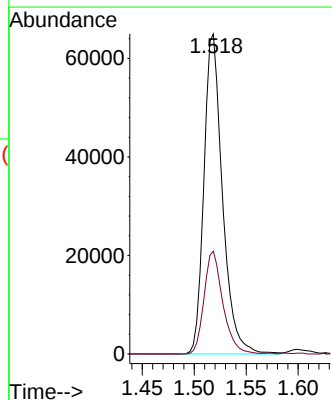
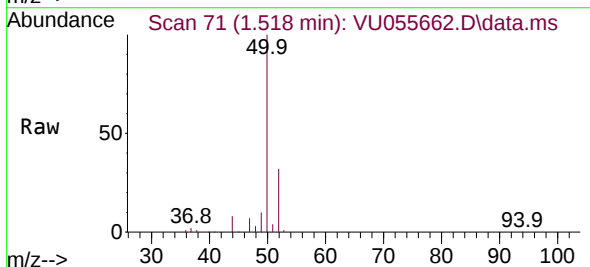
Instrument :
 MSVOA_U
 ClientSampleId :

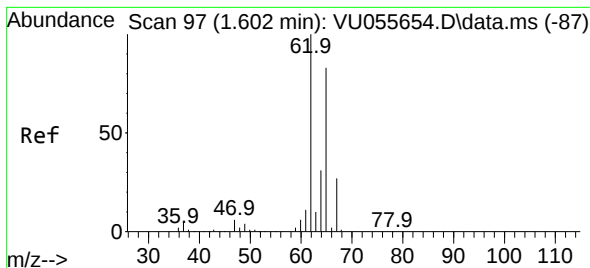
Tgt Ion: 85 Resp: 72007
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.0 39.0



#3
 Chloromethane
 Concen: 5.994 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055662.D
 Acq: 04 Oct 2023 16:46

Tgt Ion: 50 Resp: 80612
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.9 42.5





#5

Vinyl chloride

Concen: 5.967 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

Instrument :

MSVOA_U

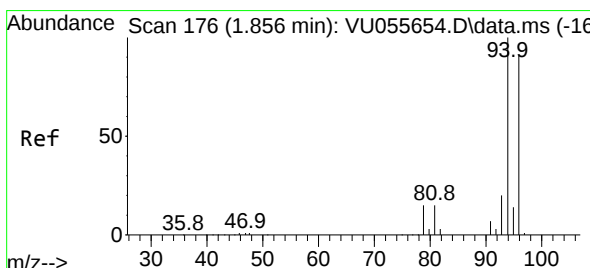
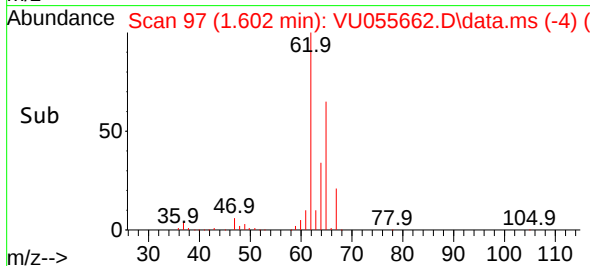
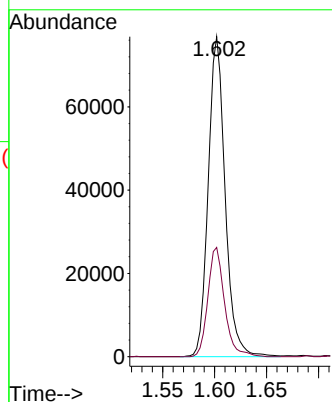
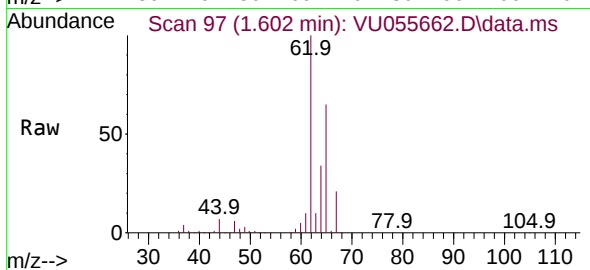
ClientSampleId :

Tgt Ion: 62 Resp: 86578

Ion Ratio Lower Upper

62 100

64 34.2 22.3 41.5



#6

Bromomethane

Concen: 5.919 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU055662.D

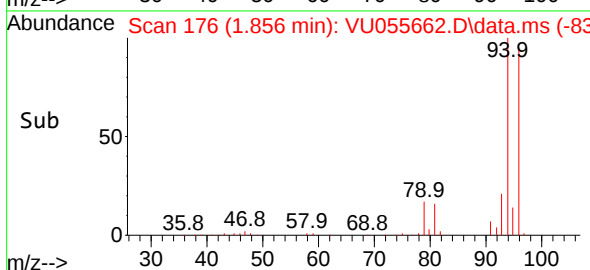
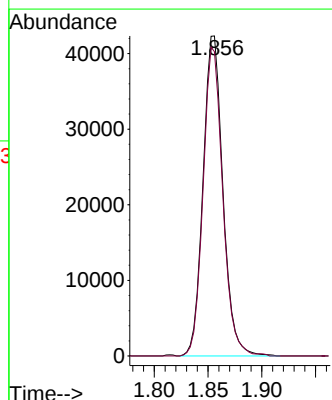
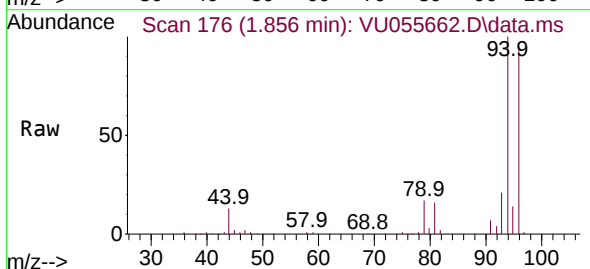
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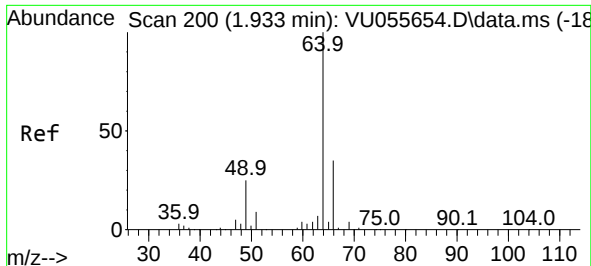
Tgt Ion: 94 Resp: 54554

Ion Ratio Lower Upper

94 100

96 95.1 66.4 123.2

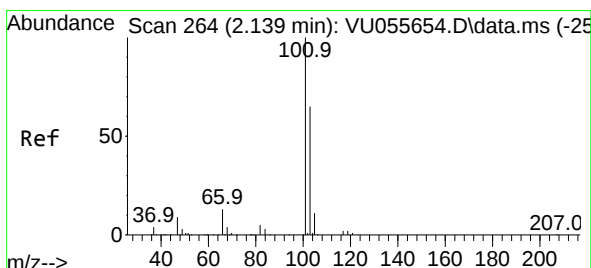
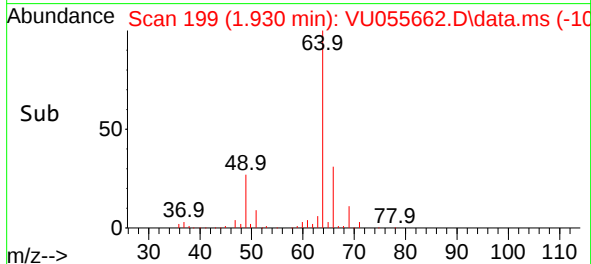
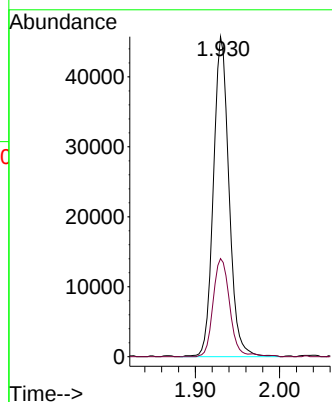
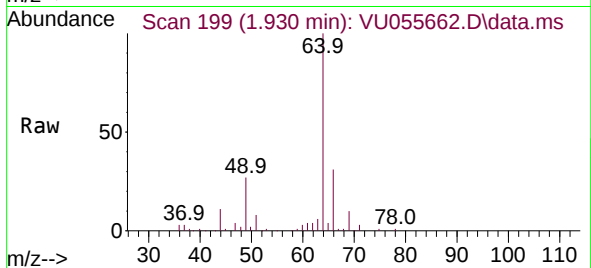




#8
Chloroethane
Concen: 6.222 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

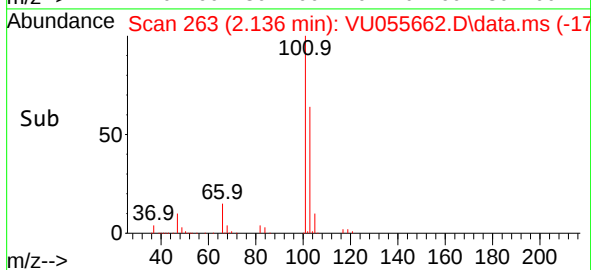
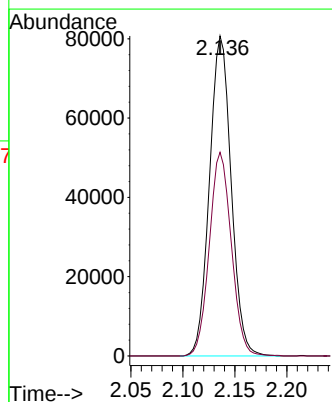
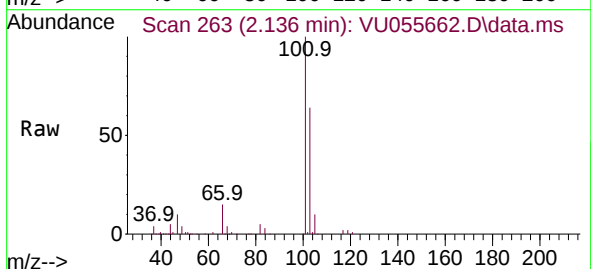
Instrument :
MSVOA_U
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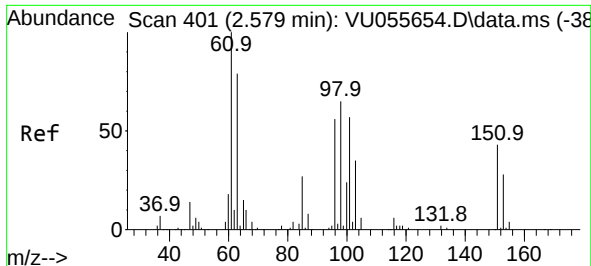
Tgt Ion: 64 Resp: 58914
Ion Ratio Lower Upper
64 100
66 30.6 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.821 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Tgt Ion:101 Resp: 117127
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

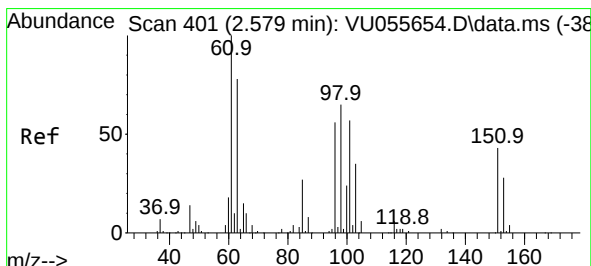
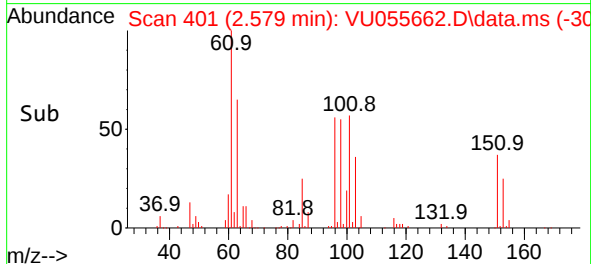
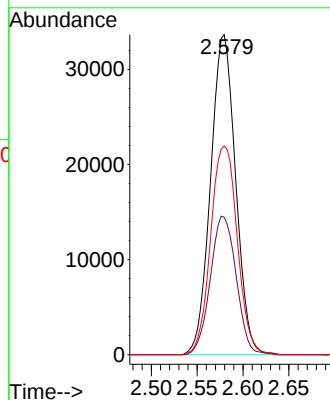
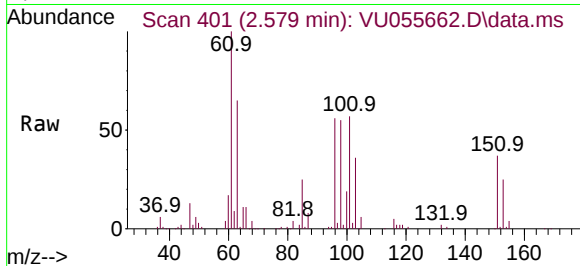




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.218 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU055662.D
 Acq: 04 Oct 2023 16:46

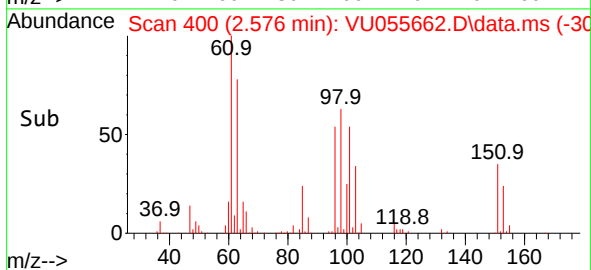
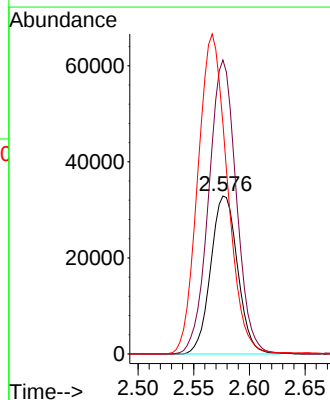
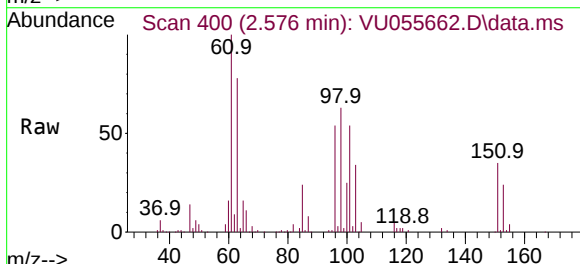
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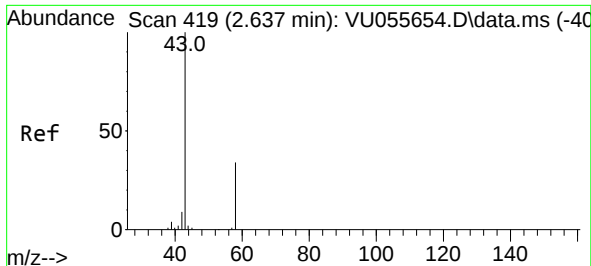
Tgt Ion:101 Resp: 63894
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.8 53.6
 151 69.6 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 5.033 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU055662.D
 Acq: 04 Oct 2023 16:46

Tgt Ion: 96 Resp: 55260
 Ion Ratio Lower Upper
 96 100
 61 186.0 114.5 212.7
 63 145.9 98.3 182.5





#13

Acetone

Concen: 55.305 ug/L

RT: 2.631 min Scan# 419

Delta R.T. -0.006 min

Lab File: VU055662.D

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Instrument :

MSVOA_U

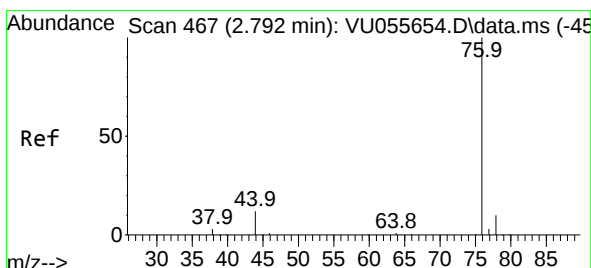
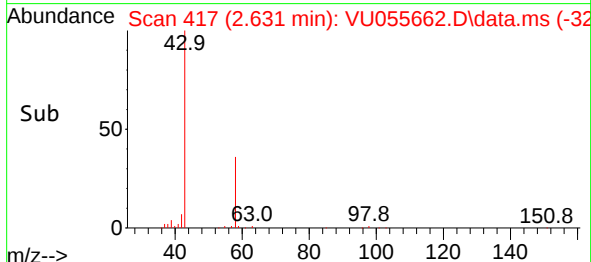
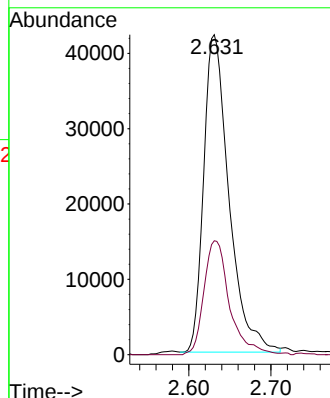
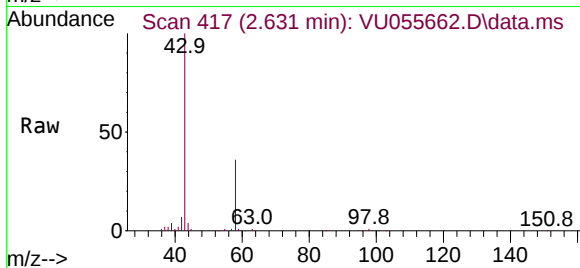
ClientSampleId :

Tgt Ion: 43 Resp: 90376

Ion Ratio Lower Upper

43 100

58 36.2 0.0 72.2



#14

Carbon disulfide

Concen: 5.168 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

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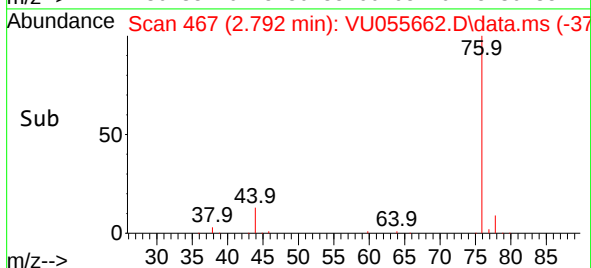
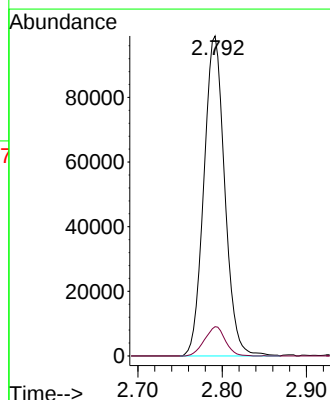
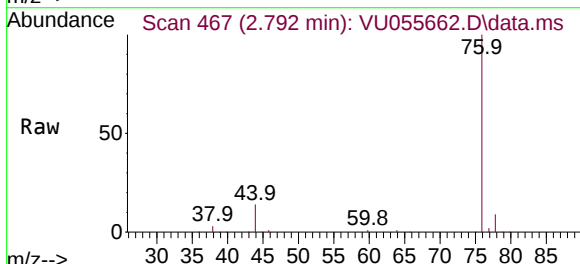
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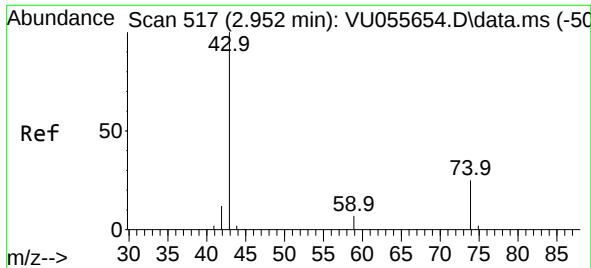
Tgt Ion: 76 Resp: 170566

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

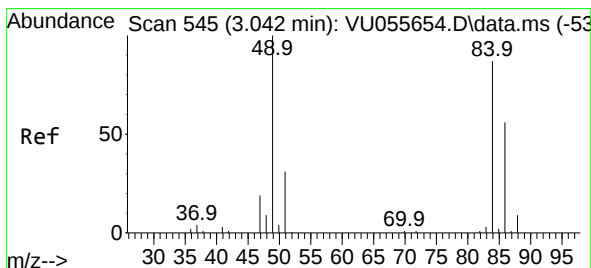
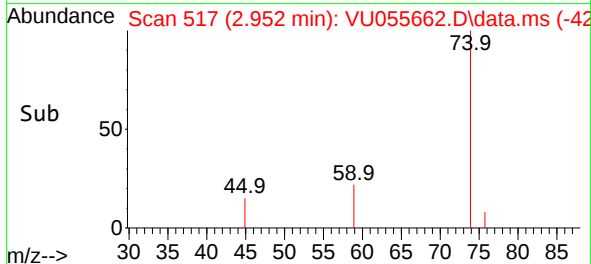
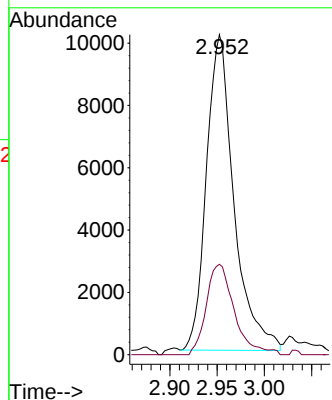
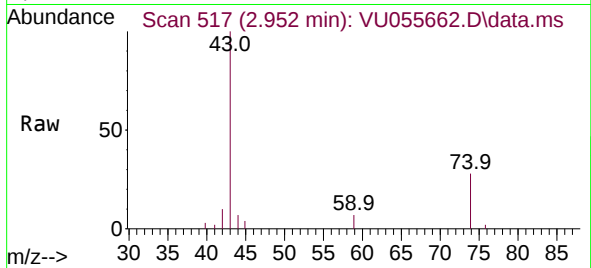




#15
Methyl Acetate
Concen: 5.500 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

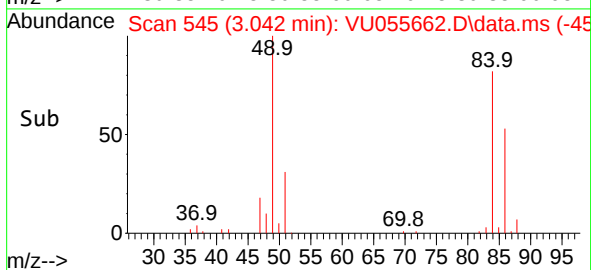
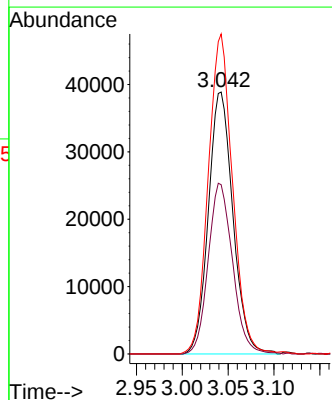
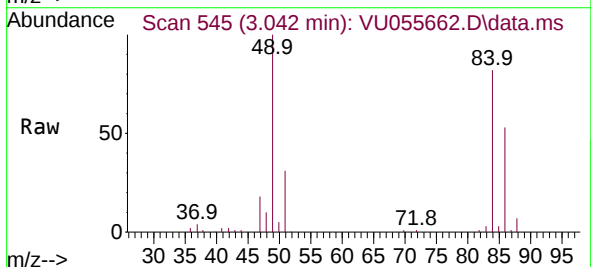
Instrument :
MSVOA_U
ClientSampleId :

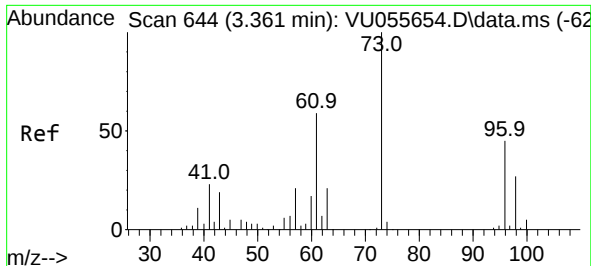
Tgt Ion: 43 Resp: 20490
Ion Ratio Lower Upper
43 100
74 29.1 22.3 33.5



#16
Methylene chloride
Concen: 5.509 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Tgt Ion: 84 Resp: 72464
Ion Ratio Lower Upper
84 100
86 64.7 44.9 83.3
49 122.2 78.8 146.3

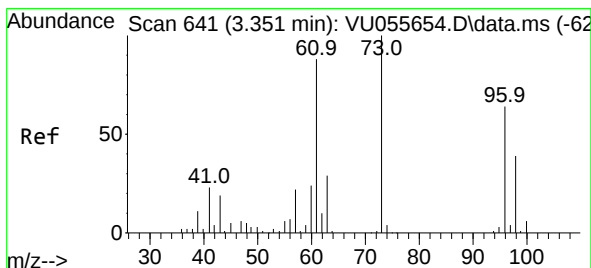
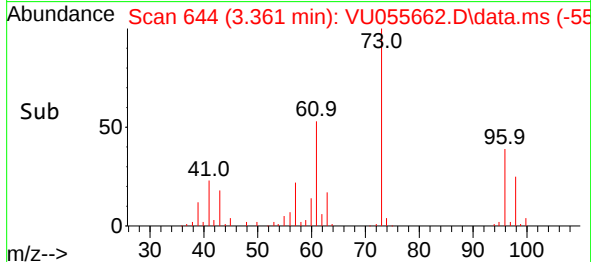
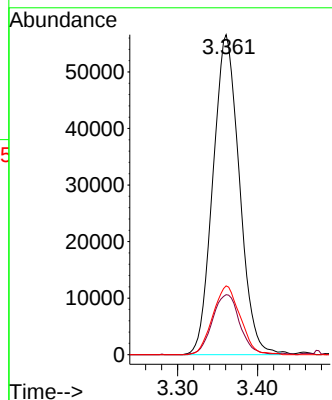
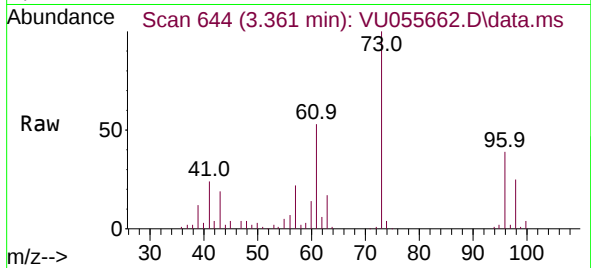




#17
Methyl tert-butyl Ether
Concen: 5.446 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

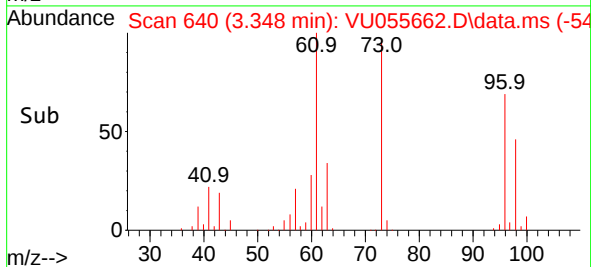
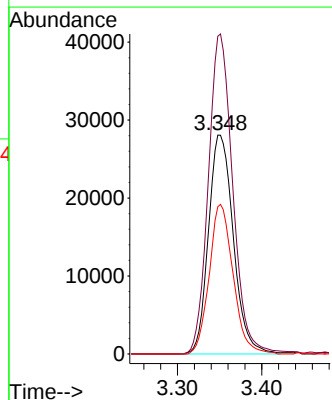
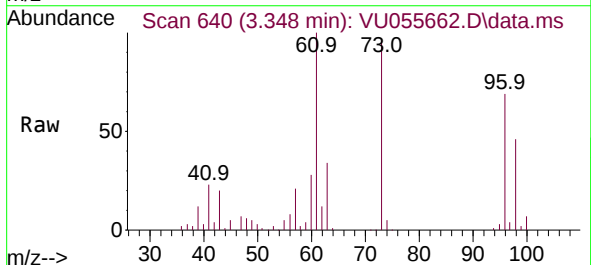
Instrument :
MSVOA_U
ClientSampleId :

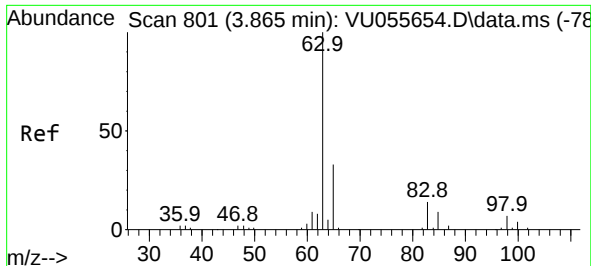
Tgt Ion: 73 Resp: 129719
Ion Ratio Lower Upper
73 100
43 19.5 14.9 22.3
57 22.4 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.212 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Tgt Ion: 96 Resp: 57680
Ion Ratio Lower Upper
96 100
61 145.2 94.6 175.6
98 67.3 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.834 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

Instrument :

MSVOA_U

ClientSampleId :

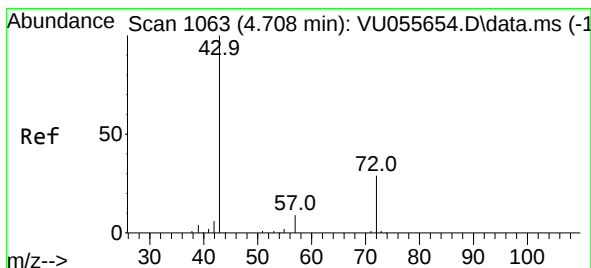
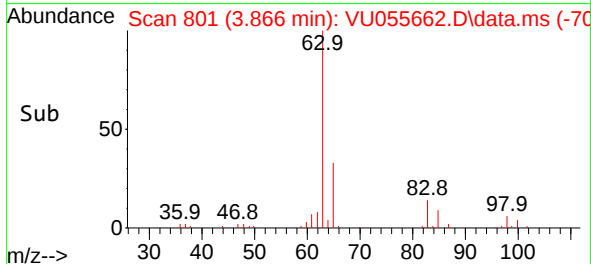
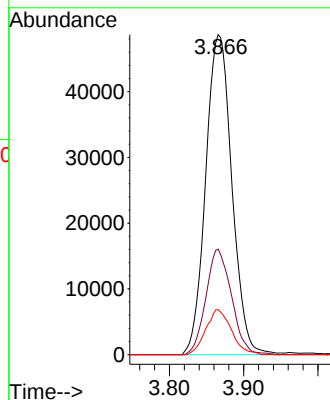
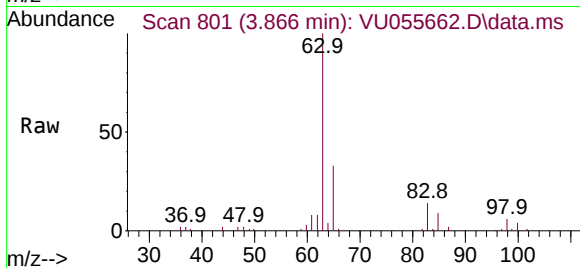
Tgt Ion: 63 Resp: 119391

Ion Ratio Lower Upper

63 100

65 33.0 22.0 41.0

83 14.1 10.1 18.9



#21

2-Butanone

Concen: 59.834 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.003 min

Lab File: VU055662.D

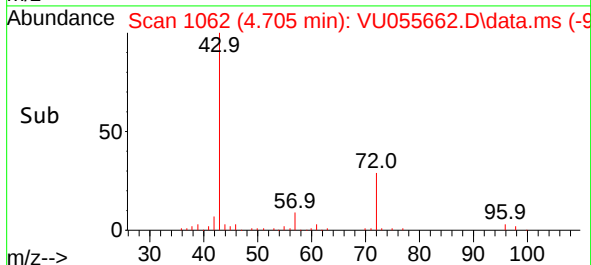
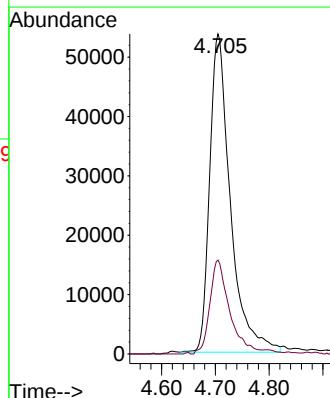
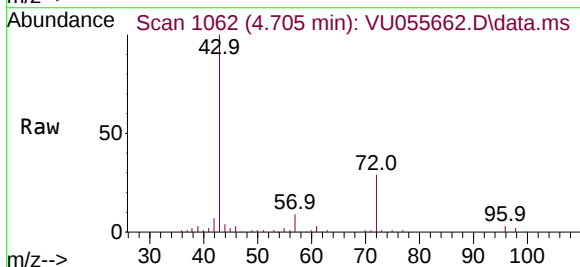
Acq: 04 Oct 2023 16:46

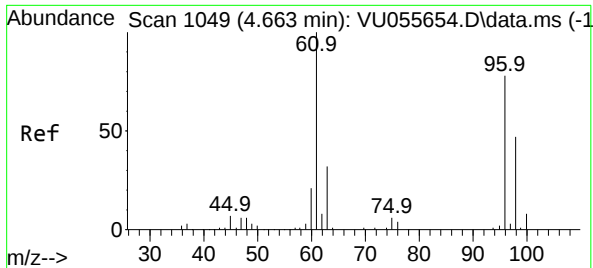
Tgt Ion: 43 Resp: 143408

Ion Ratio Lower Upper

43 100

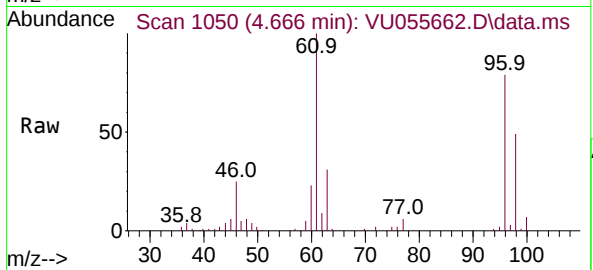
72 28.1 15.1 45.3



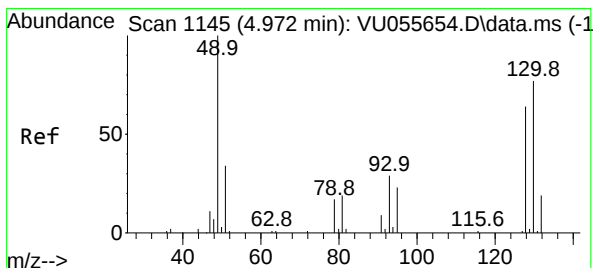
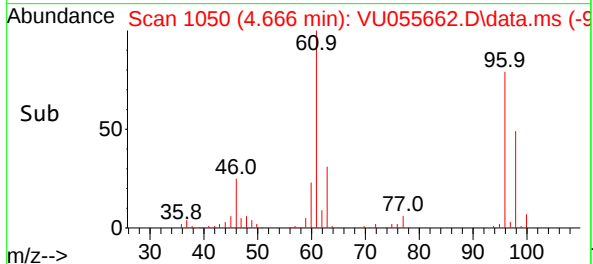
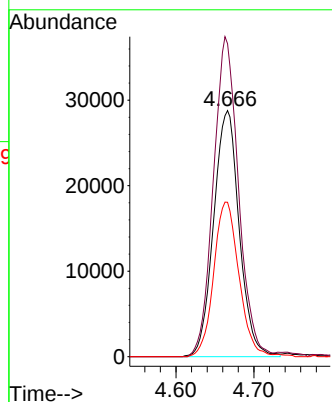


#22
 cis-1,2-Dichloroethene
 Concen: 5.129 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055662.D
 Acq: 04 Oct 2023 16:46

Instrument :
 MSVOA_U
 ClientSampleId :

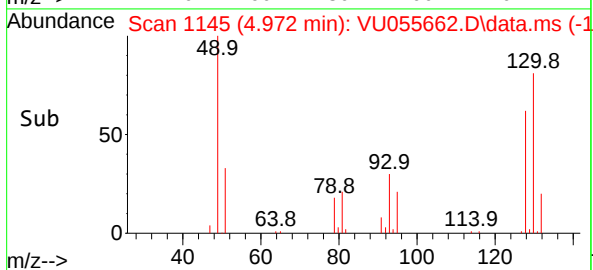
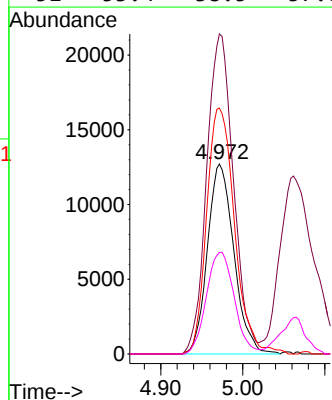
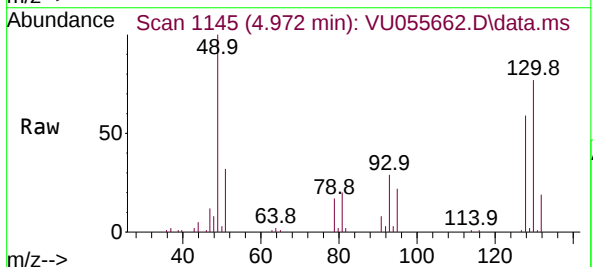


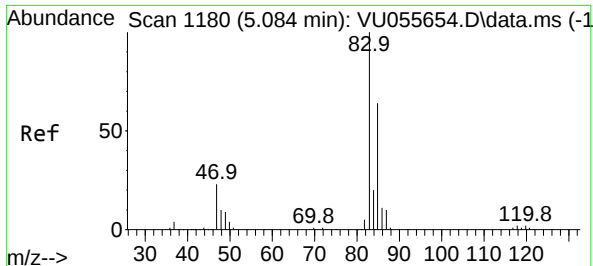
Tgt Ion: 96 Resp: 65813
 Ion Ratio Lower Upper
 96 100
 61 127.2 87.8 163.2
 98 62.7 44.4 82.4



#23
 Bromochloromethane
 Concen: 5.269 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU055662.D
 Acq: 04 Oct 2023 16:46

Tgt Ion: 128 Resp: 28574
 Ion Ratio Lower Upper
 128 100
 49 168.4 102.8 191.0
 130 129.4 89.9 166.9
 51 53.4 38.5 57.7





#25

Chloroform

Concen: 5.861 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

Instrument :

MSVOA_U

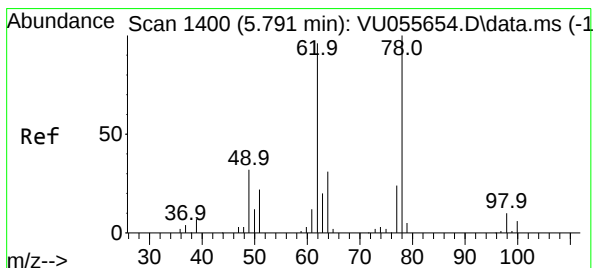
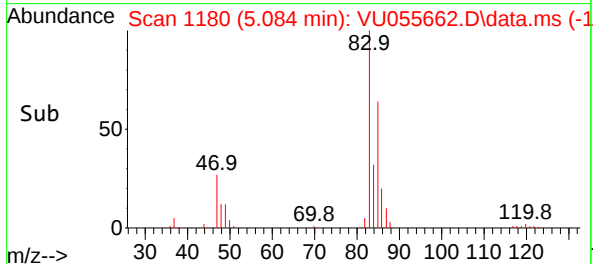
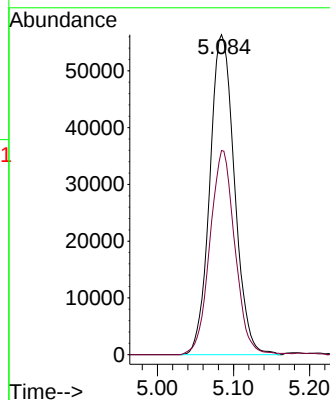
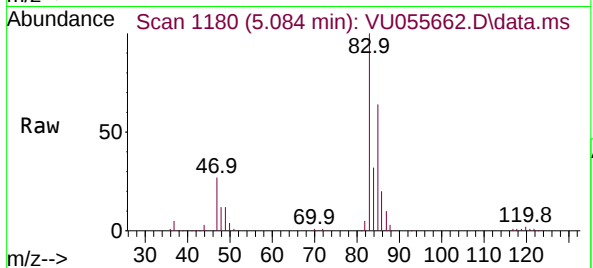
ClientSampleId :

Tgt Ion: 83 Resp: 127016

Ion Ratio Lower Upper

83 100

85 63.8 44.9 83.5



#27

1,2-Dichloroethane

Concen: 5.720 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU055662.D

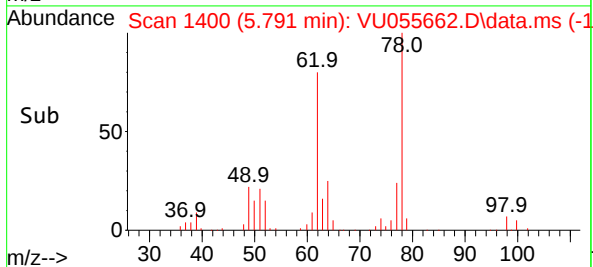
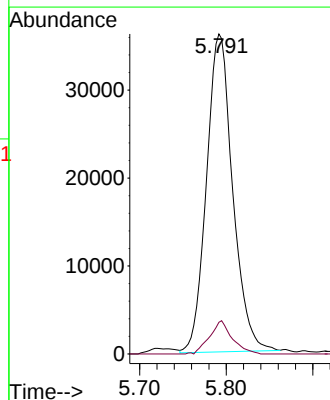
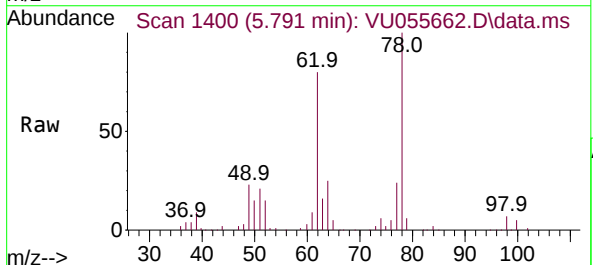
Acq: 04 Oct 2023 16:46

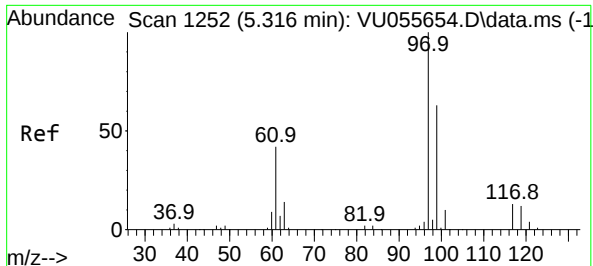
Tgt Ion: 62 Resp: 76021

Ion Ratio Lower Upper

62 100

98 9.9 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.660 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

Instrument :

MSVOA_U

ClientSampleId :

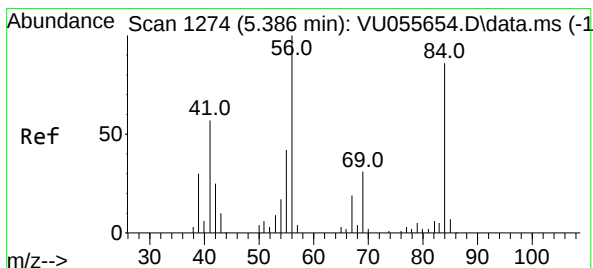
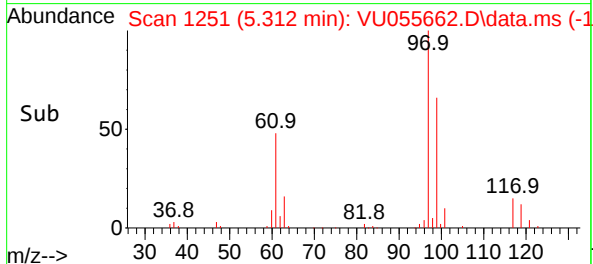
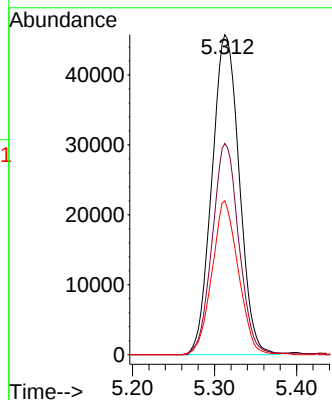
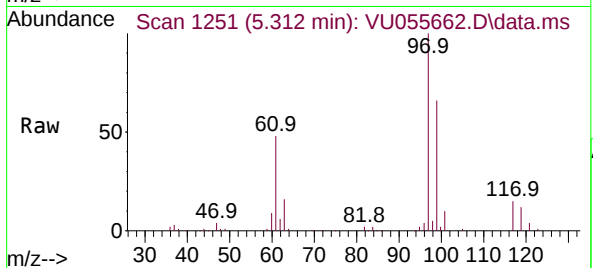
Tgt Ion: 97 Resp: 106094

Ion Ratio Lower Upper

97 100

99 64.4 50.7 76.1

61 46.4 34.6 51.8



#30

Cyclohexane

Concen: 5.217 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

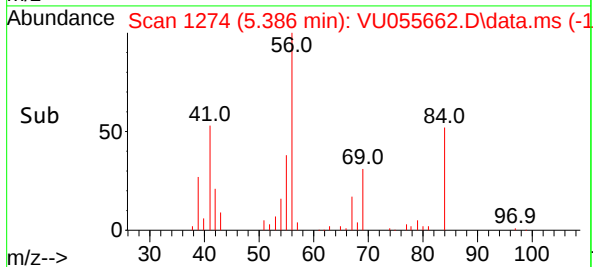
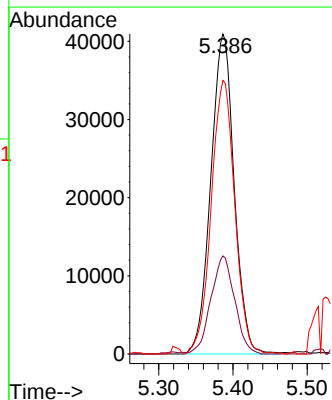
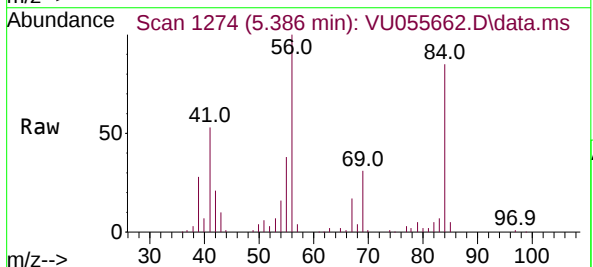
Tgt Ion: 56 Resp: 89530

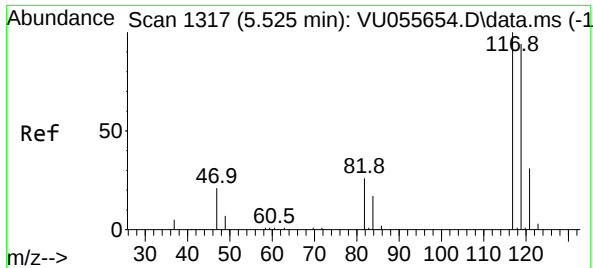
Ion Ratio Lower Upper

56 100

69 31.2 26.5 39.7

84 86.0 72.6 108.8

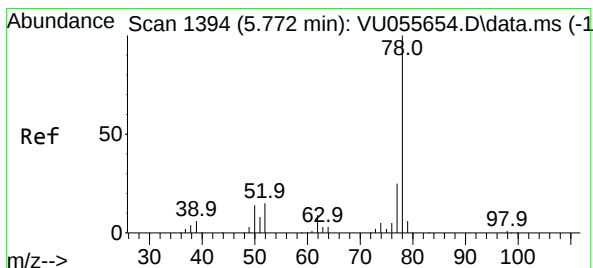
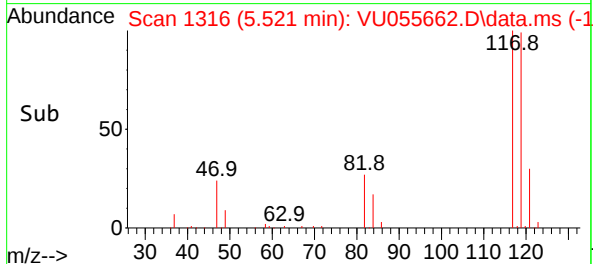
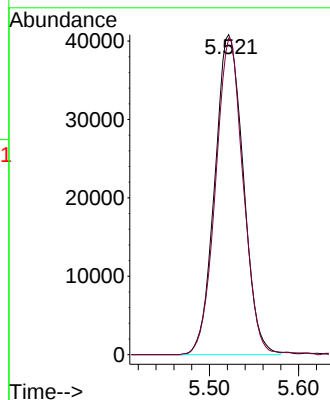
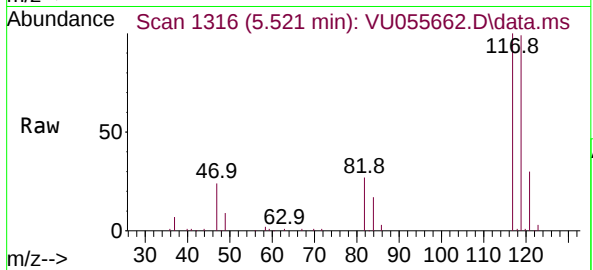




#31
Carbon tetrachloride
Concen: 5.640 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

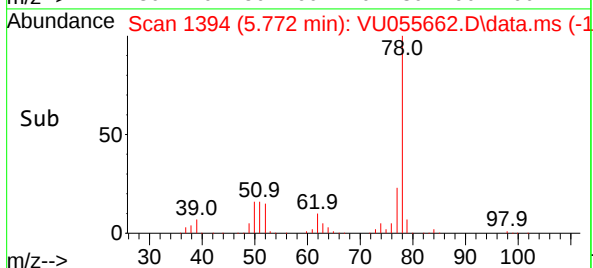
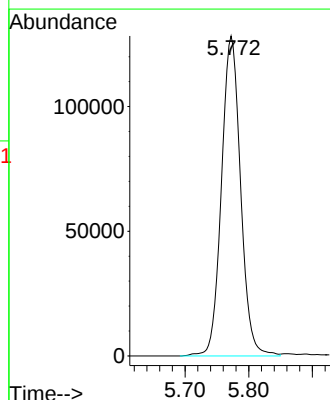
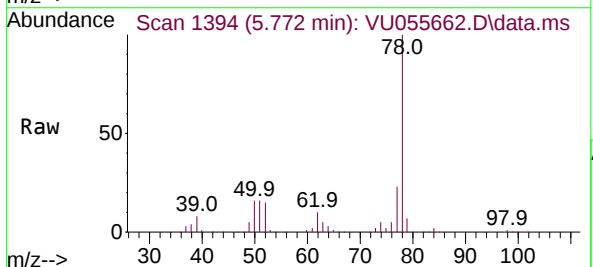
Instrument :
MSVOA_U
ClientSampleId :

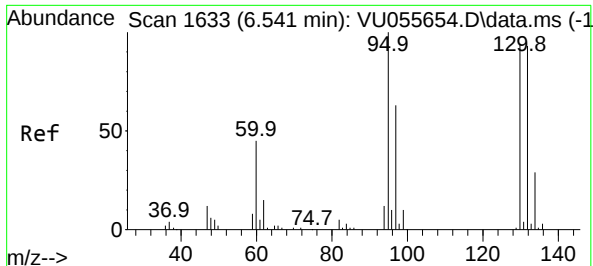
Tgt Ion:117 Resp: 90624
Ion Ratio Lower Upper
117 100
119 96.4 75.2 112.8



#33
Benzene
Concen: 5.663 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Tgt Ion: 78 Resp: 267998





#34

Trichloroethene

Concen: 5.179 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 69326

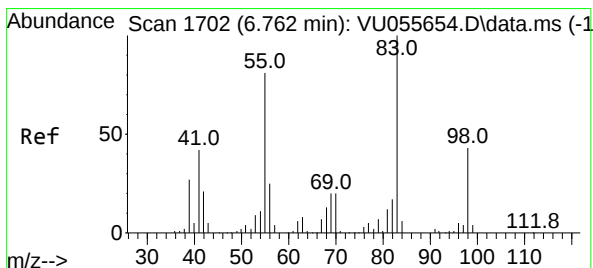
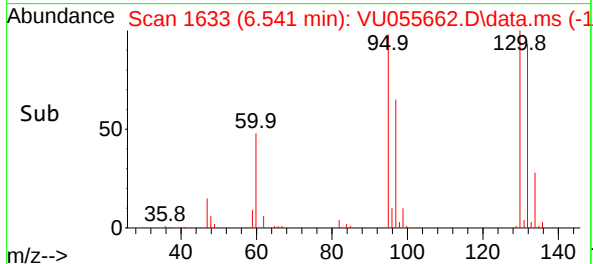
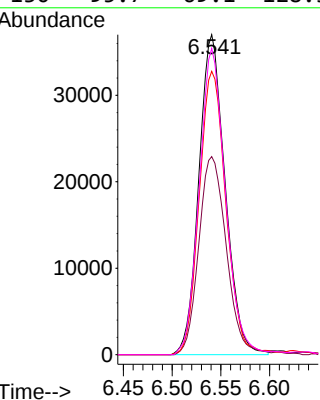
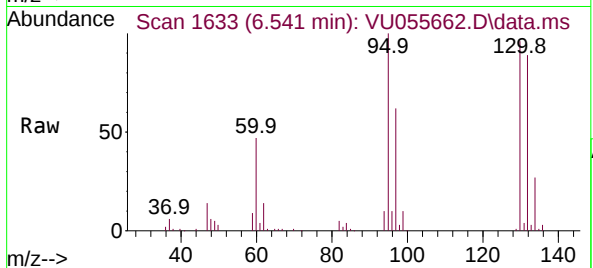
Ion Ratio Lower Upper

95 100

97 61.9 45.4 84.2

132 88.6 65.2 121.2

130 95.7 69.1 128.3



#35

Methylcyclohexane

Concen: 4.765 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

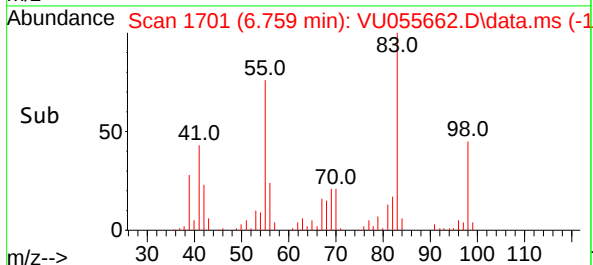
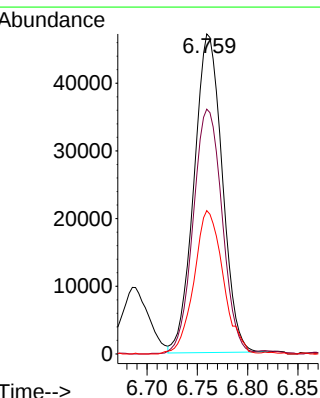
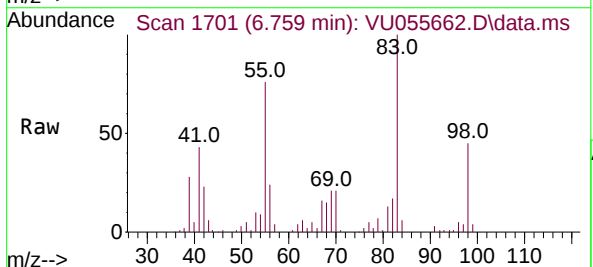
Tgt Ion: 83 Resp: 91883

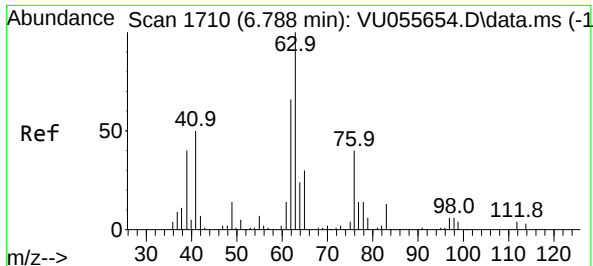
Ion Ratio Lower Upper

83 100

55 79.1 59.1 88.7

98 46.5 36.3 54.5

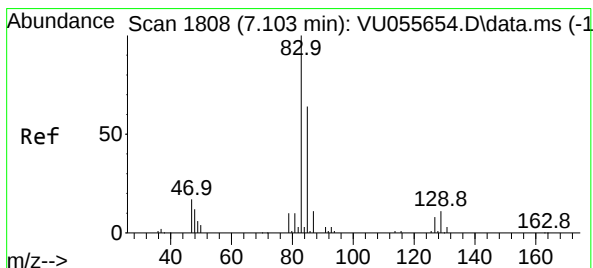
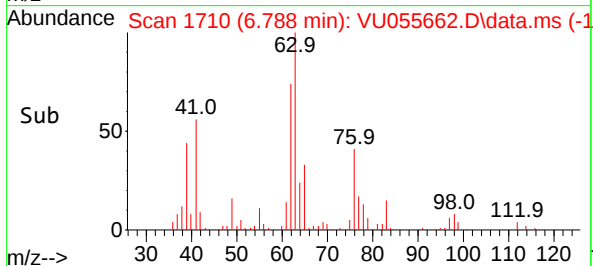
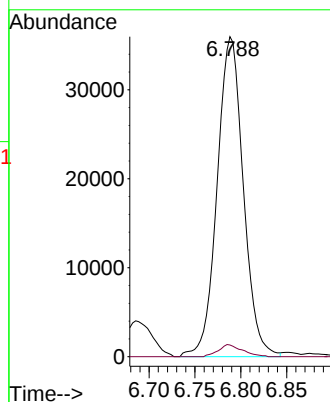
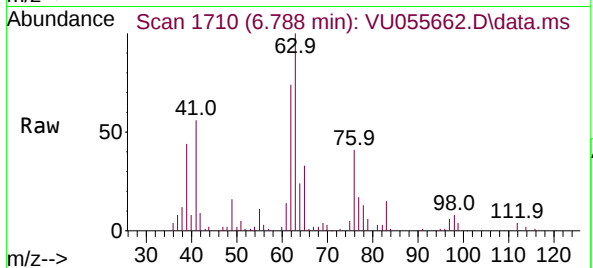




#37
1,2-Dichloropropane
Concen: 5.776 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

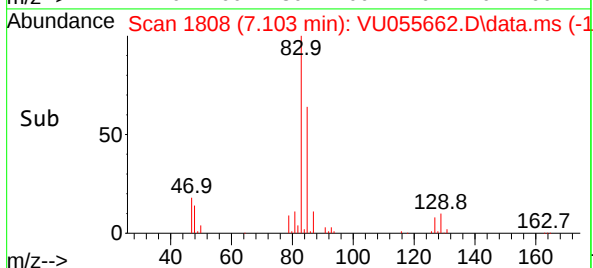
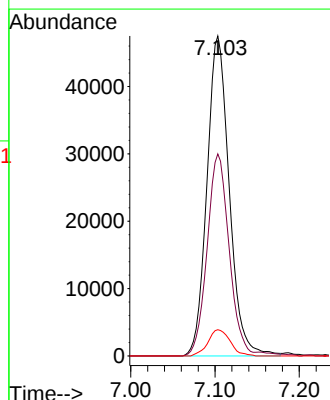
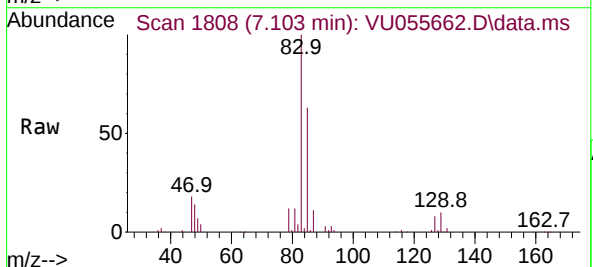
Instrument :
MSVOA_U
ClientSampleId :

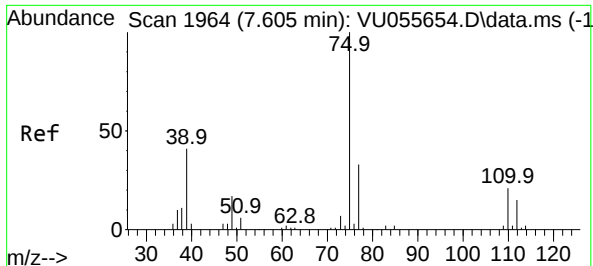
Tgt Ion: 63 Resp: 71497
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.6



#38
Bromodichloromethane
Concen: 6.039 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Tgt Ion: 83 Resp: 87588
Ion Ratio Lower Upper
83 100
85 63.2 46.8 86.8
127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 6.014 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

Instrument :

MSVOA_U

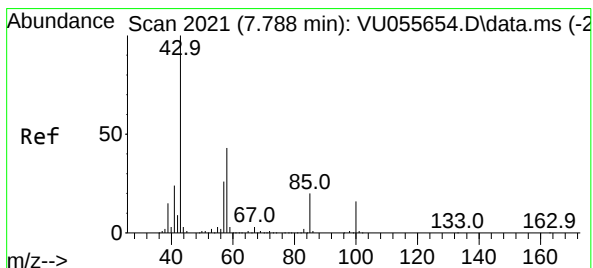
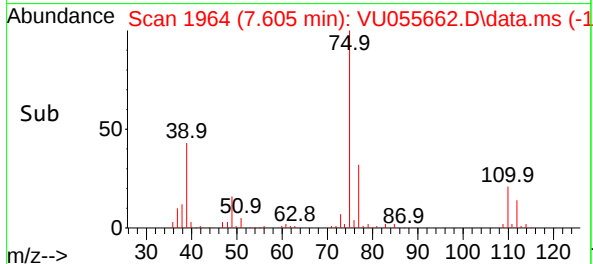
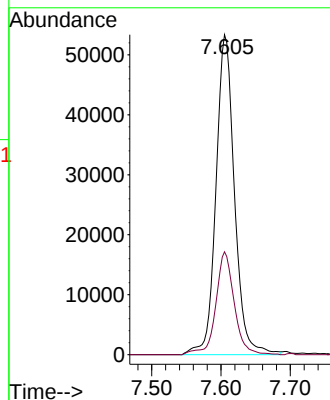
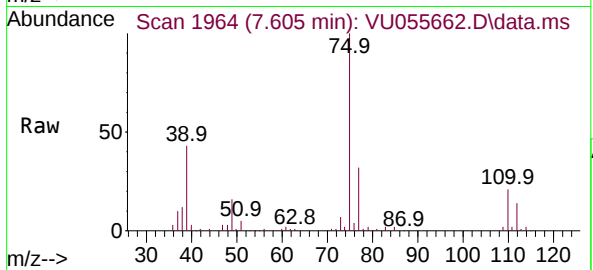
ClientSampleId :

Tgt Ion: 75 Resp: 99351

Ion Ratio Lower Upper

75 100

77 32.2 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 60.755 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

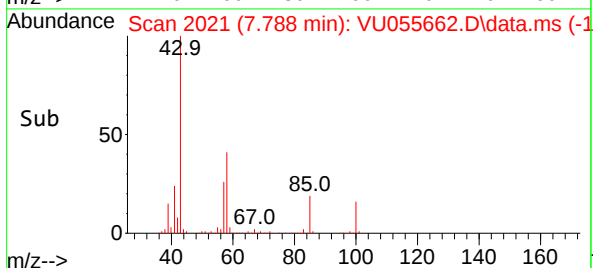
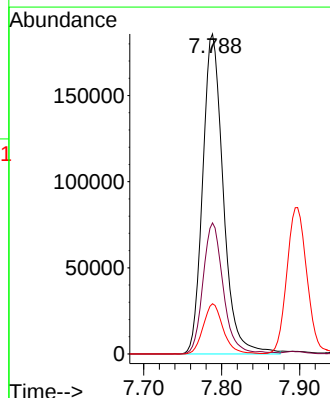
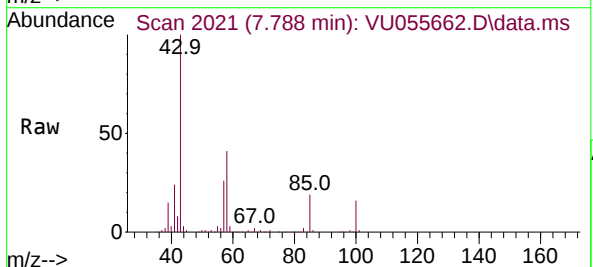
Tgt Ion: 43 Resp: 341117

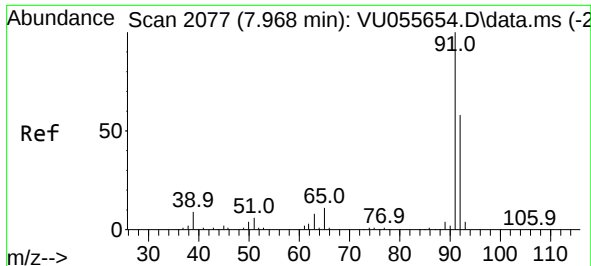
Ion Ratio Lower Upper

43 100

58 40.0 34.2 51.4

100 15.2 13.4 20.0





#42

Toluene

Concen: 5.499 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

Instrument :

MSVOA_U

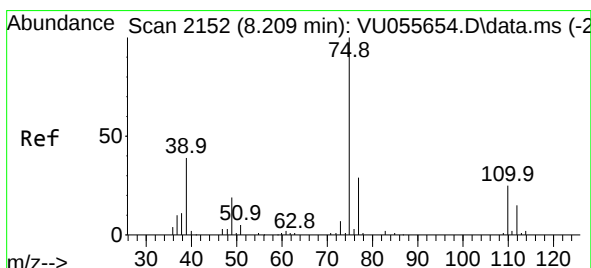
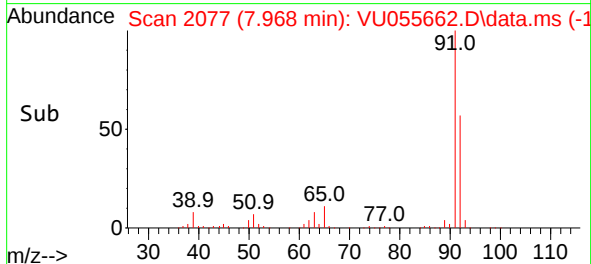
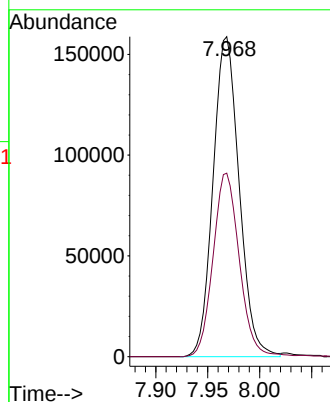
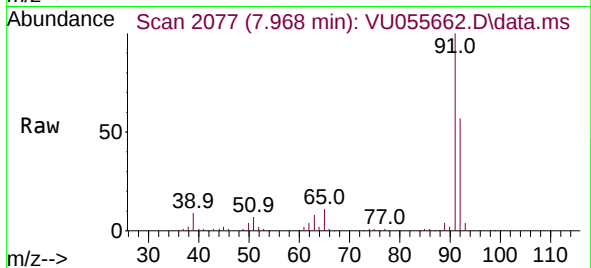
ClientSampleId :

Tgt Ion: 91 Resp: 277624

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 6.161 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055662.D

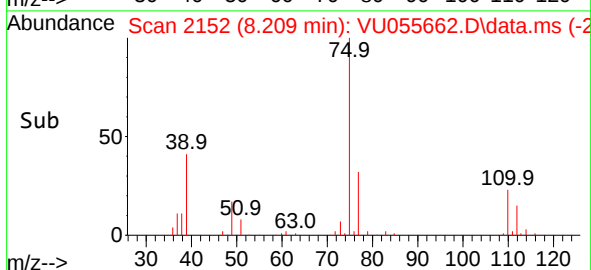
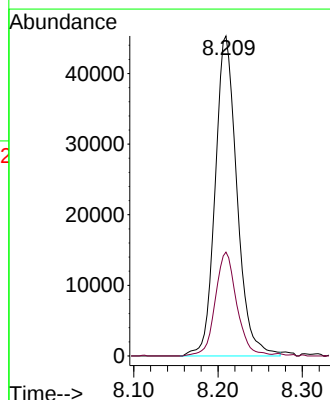
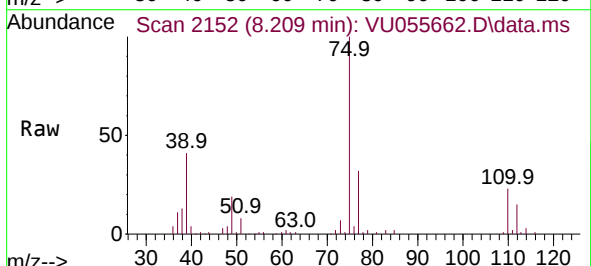
Acq: 04 Oct 2023 16:46

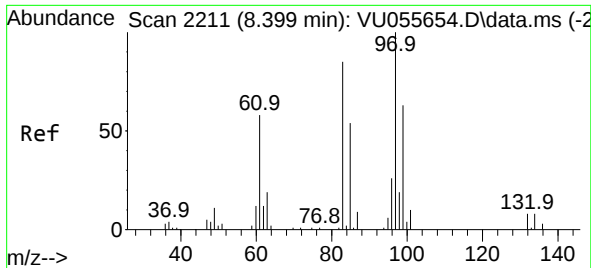
Tgt Ion: 75 Resp: 81428

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.4

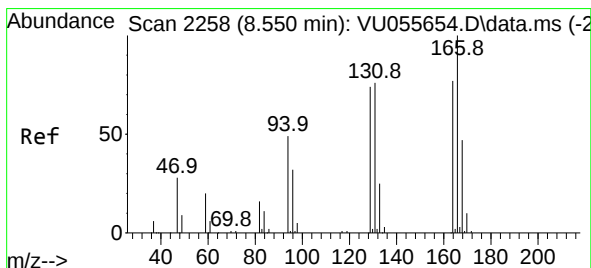
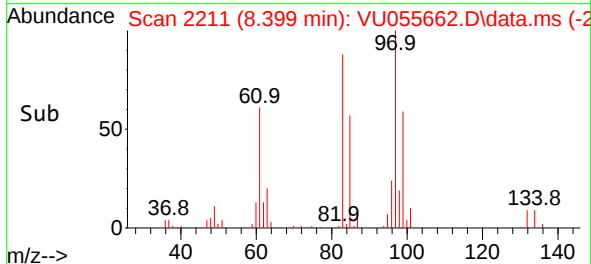
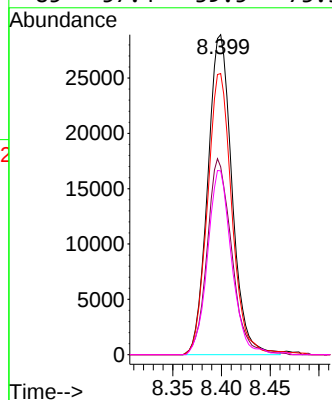
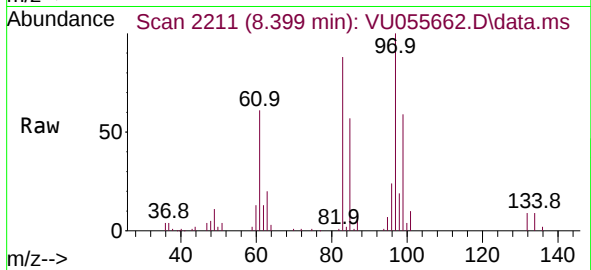




#45
1,1,2-Trichloroethane
Concen: 5.789 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

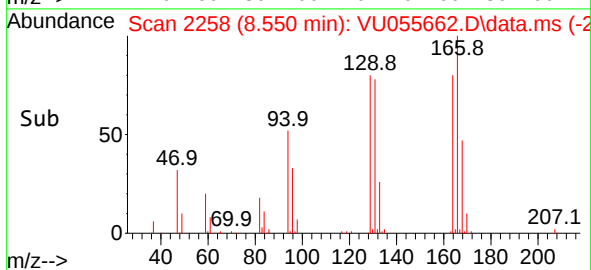
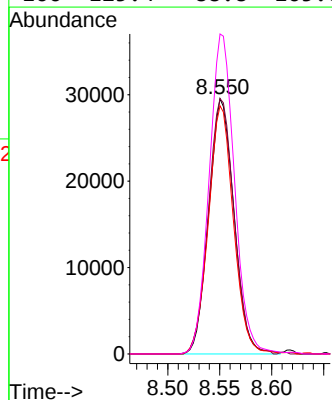
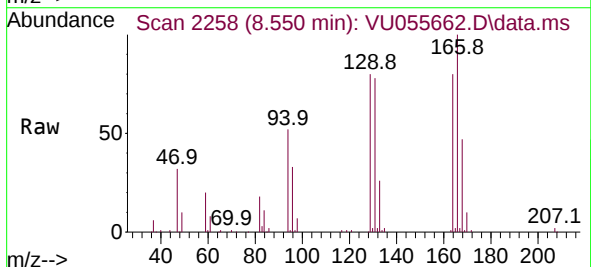
Instrument :
MSVOA_U
ClientSampleId :

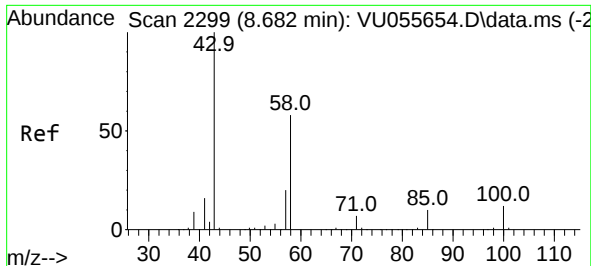
Tgt Ion:	97	Resp:	50242
Ion	Ratio	Lower	Upper
97	100		
99	58.7	44.1	81.9
83	87.9	61.5	114.1
85	57.4	39.5	73.3



#47
Tetrachloroethene
Concen: 5.209 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

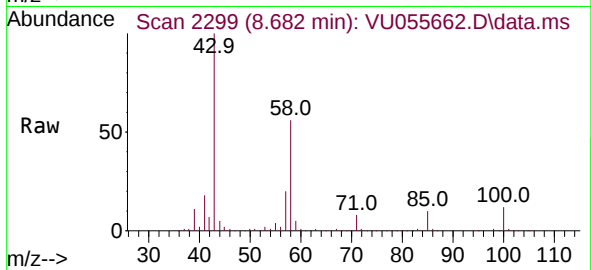
Tgt Ion:	164	Resp:	50021
Ion	Ratio	Lower	Upper
164	100		
129	100.0	67.4	125.2
131	97.2	66.4	123.2
166	125.4	88.8	165.0





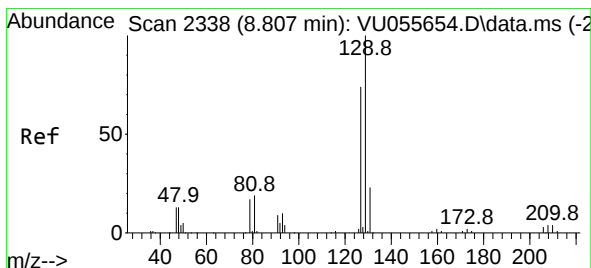
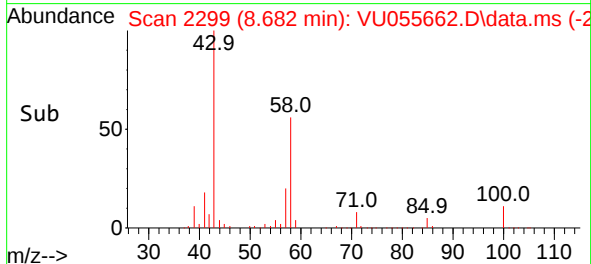
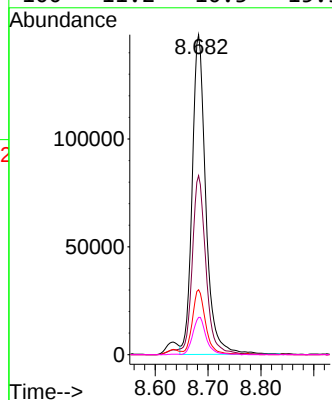
#48
2-Hexanone
Concen: 60.968 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 265298

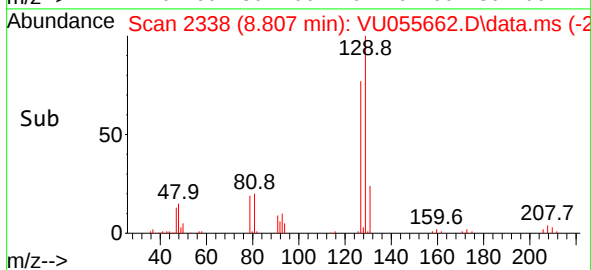
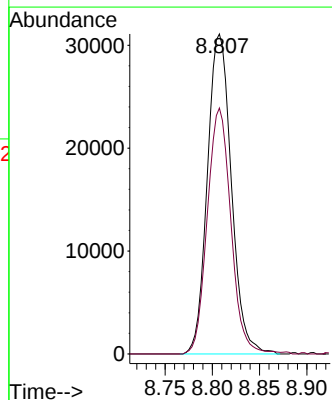
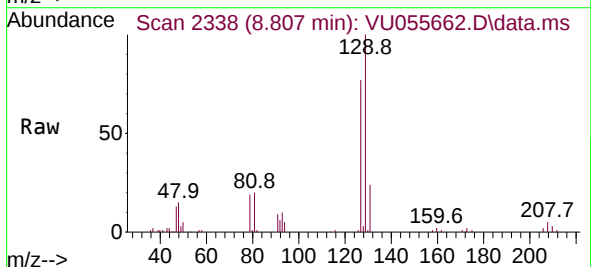
Ion	Ratio	Lower	Upper
43	100		
58	57.4	48.5	72.7
57	19.8	17.0	25.4
100	11.2	10.3	15.5

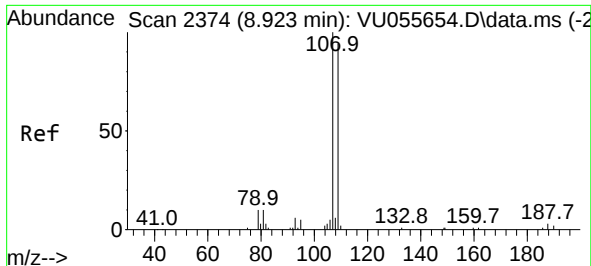


#49
Dibromochloromethane
Concen: 6.037 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Tgt Ion: 129 Resp: 54920

Ion	Ratio	Lower	Upper
129	100		
127	76.9	56.8	105.6





#50

1,2-Dibromoethane

Concen: 5.595 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055662.D

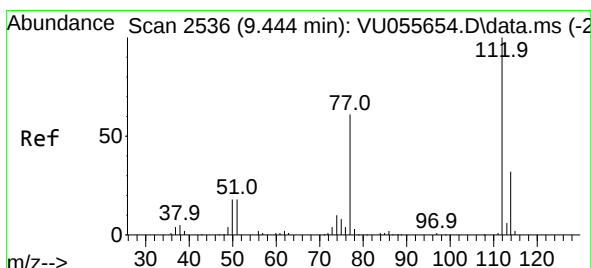
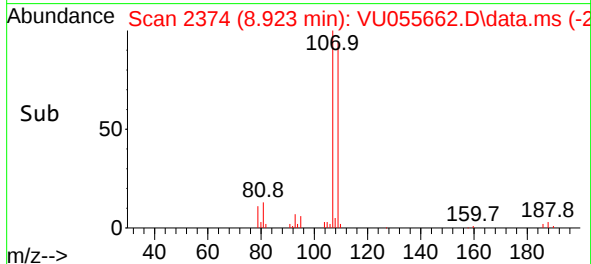
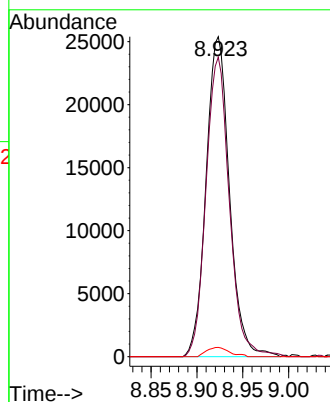
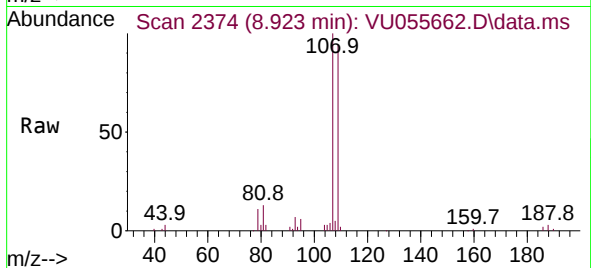
Acq: 04 Oct 2023 16:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	45060
Ion	Ratio	Lower	Upper
107	100		
109	93.6	66.1	122.8
188	2.9	3.2	4.8#



#51

Chlorobenzene

Concen: 5.388 ug/L

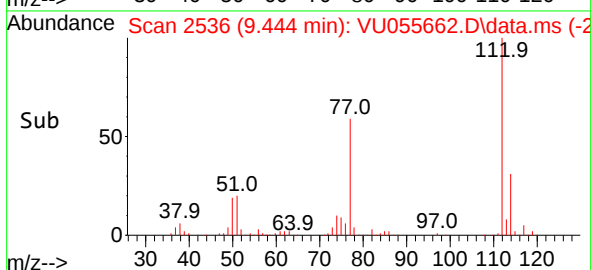
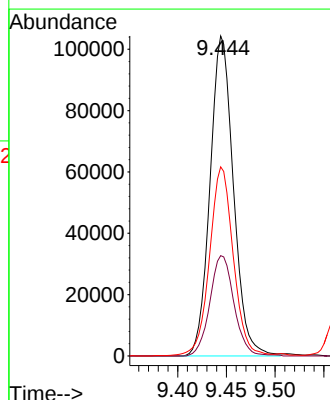
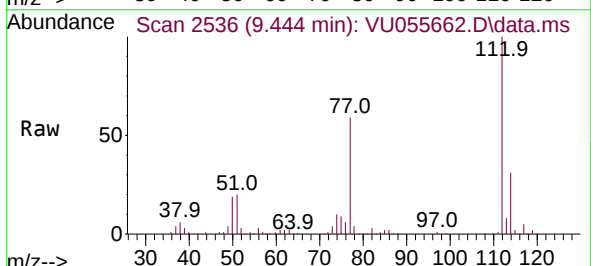
RT: 9.444 min Scan# 2536

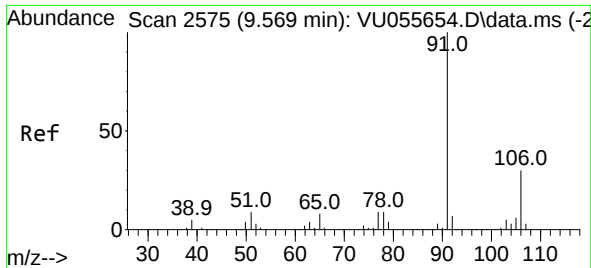
Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

Tgt Ion:	112	Resp:	174210
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	40.8
77	59.1	46.9	70.3

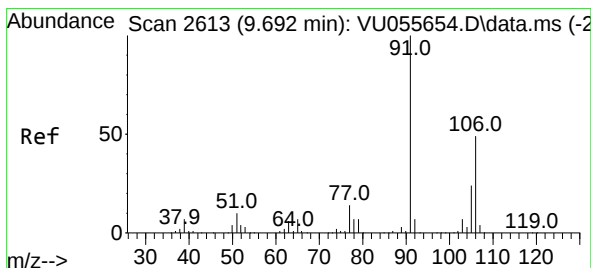
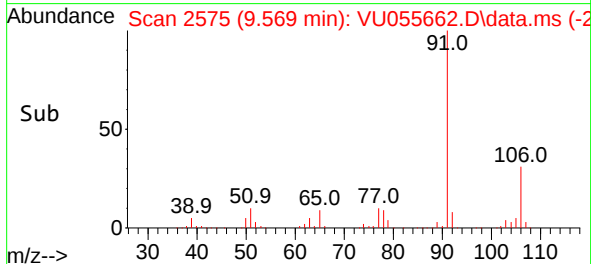
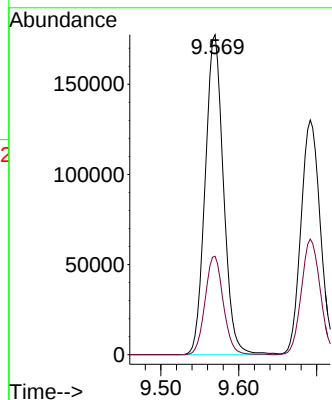
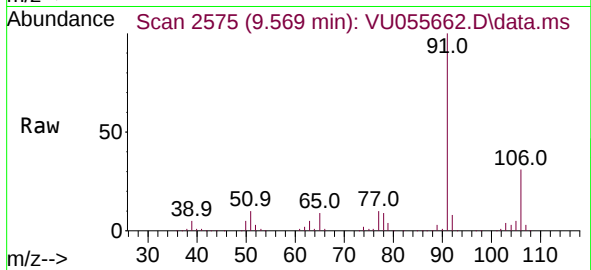




#52
Ethylbenzene
Concen: 5.361 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

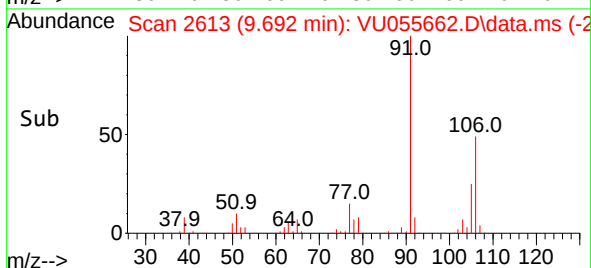
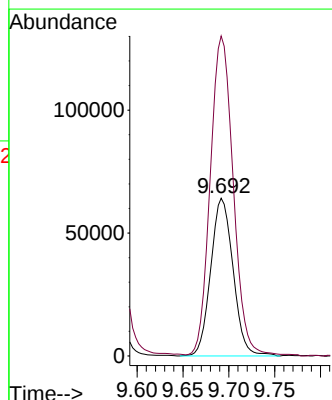
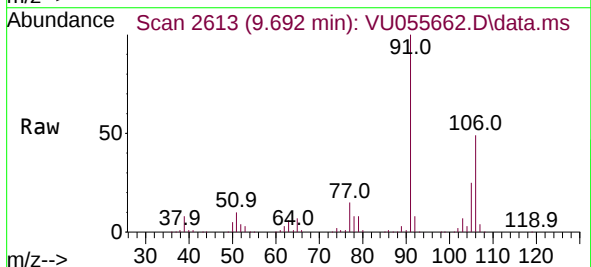
Instrument :
MSVOA_U
ClientSampleId :

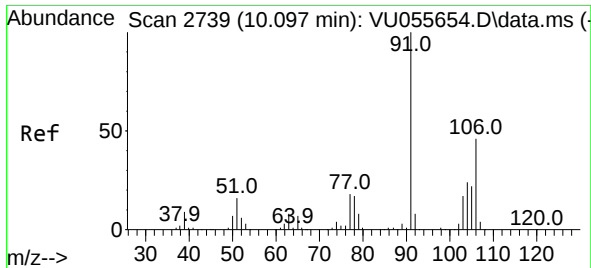
Tgt Ion: 91 Resp: 290105
Ion Ratio Lower Upper
91 100
106 30.8 22.4 41.6



#53
m,p-Xylene
Concen: 5.375 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Tgt Ion: 106 Resp: 109007
Ion Ratio Lower Upper
106 100
91 202.9 144.8 269.0

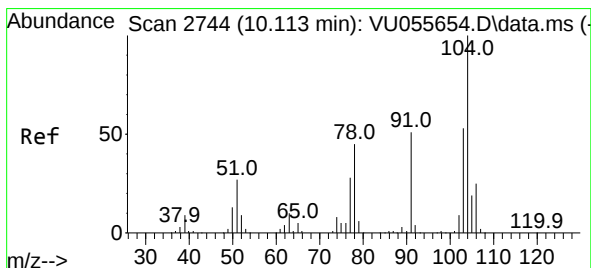
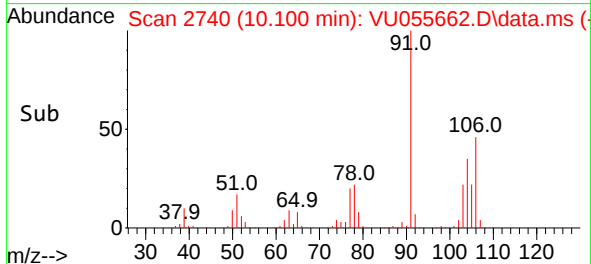
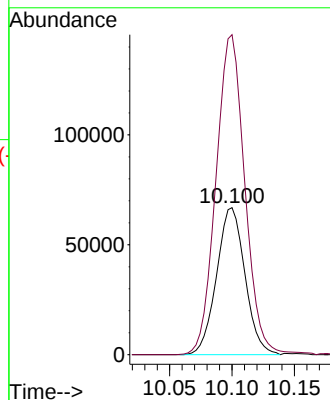
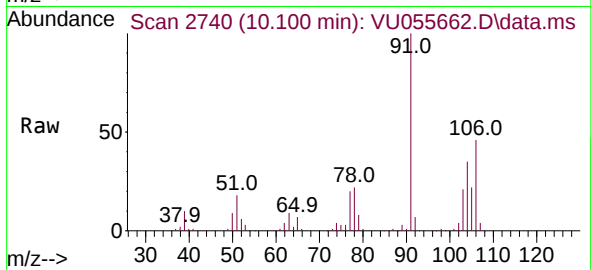




#54
o-Xylene
Concen: 5.377 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

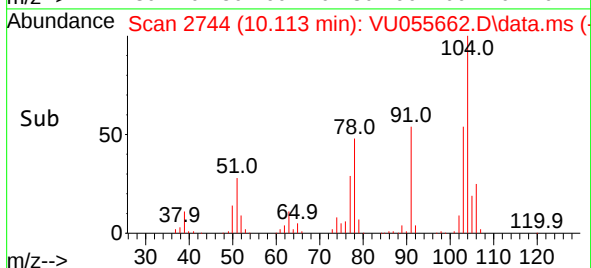
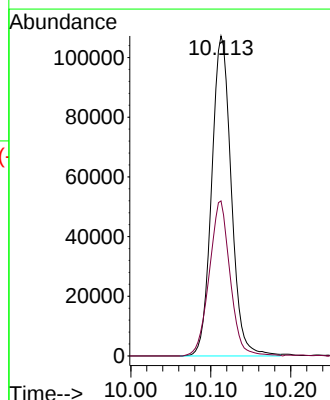
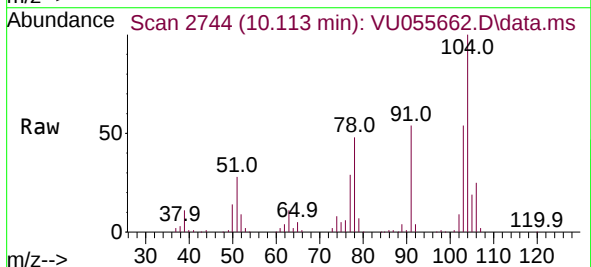
Instrument :
MSVOA_U
ClientSampleId :

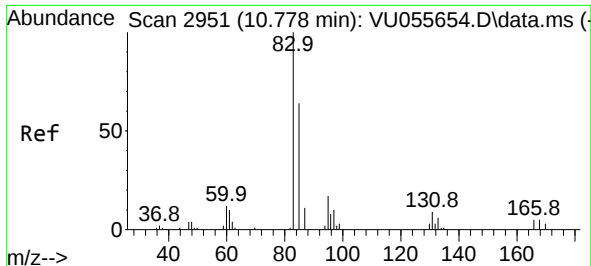
Tgt Ion:106 Resp: 106017
Ion Ratio Lower Upper
106 100
91 217.6 157.6 292.8



#55
Styrene
Concen: 5.725 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Tgt Ion:104 Resp: 182536
Ion Ratio Lower Upper
104 100
78 48.5 31.2 58.0

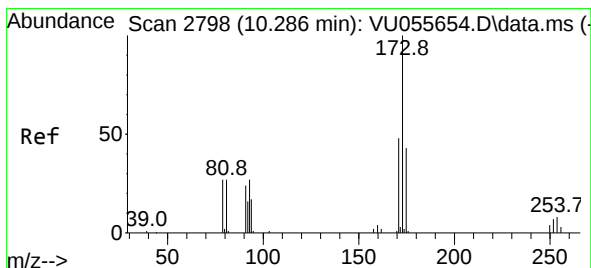
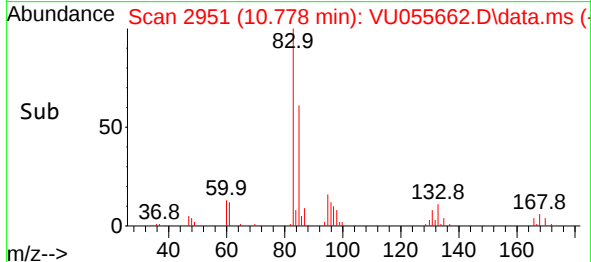
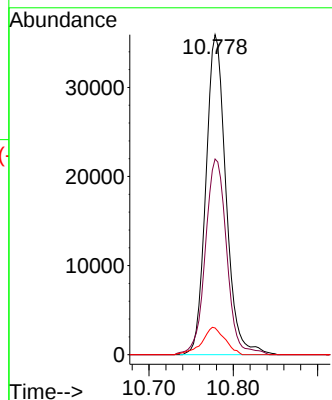
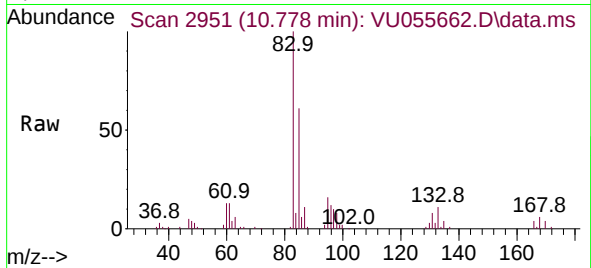




#57
1,1,2,2-Tetrachloroethane
Concen: 6.076 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

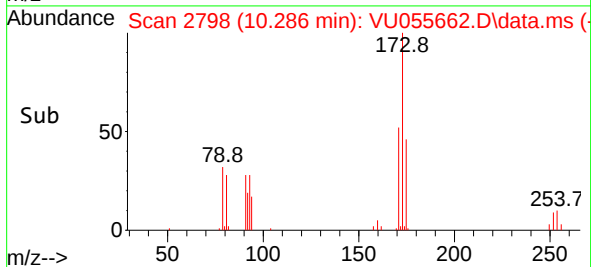
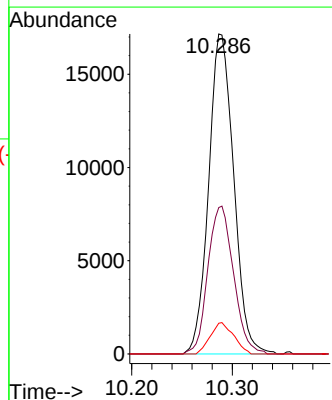
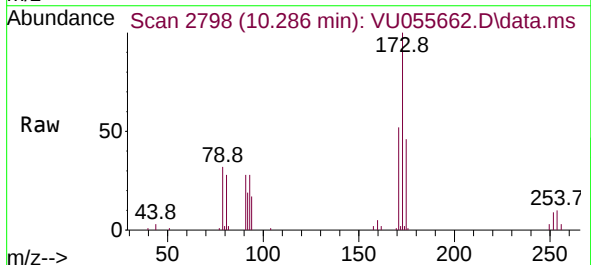
Instrument :
MSVOA_U
ClientSampleId :

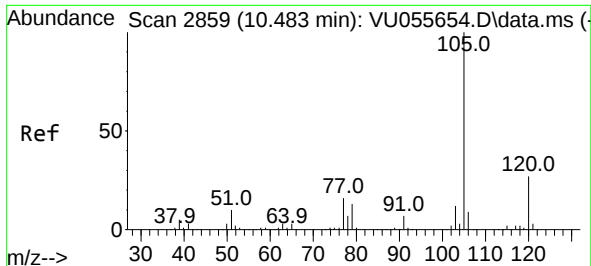
Tgt Ion: 83 Resp: 59530
Ion Ratio Lower Upper
83 100
85 61.1 44.4 82.5
131 8.4 7.4 11.2



#59
Bromoform
Concen: 5.472 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Tgt Ion:173 Resp: 29713
Ion Ratio Lower Upper
173 100
175 47.3 39.4 59.2
254 9.1 7.3 10.9

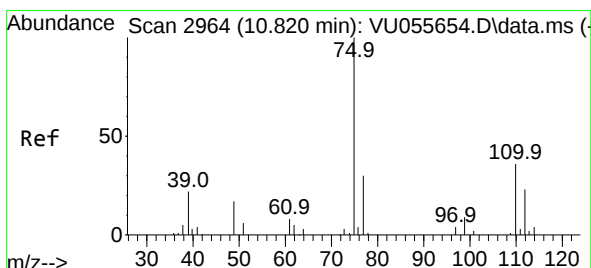
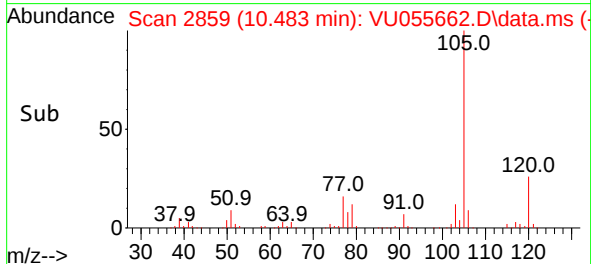
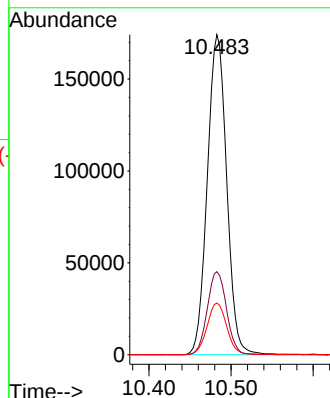
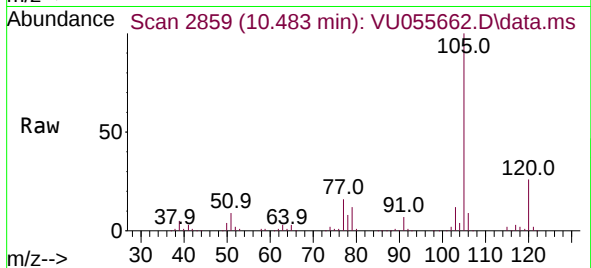




#60
Isopropylbenzene
Concen: 4.883 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

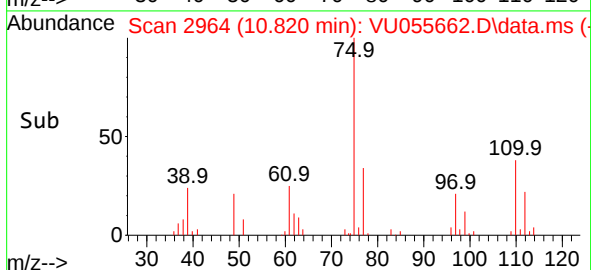
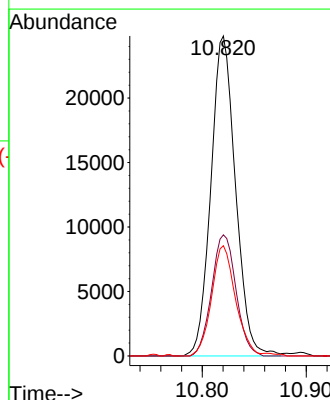
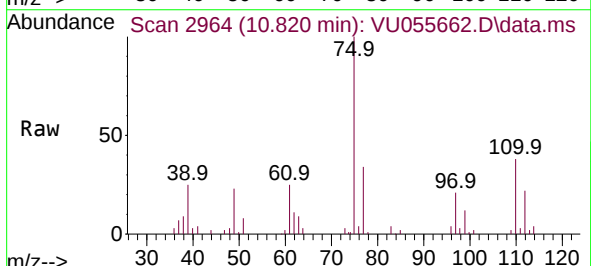
Instrument :
MSVOA_U
ClientSampleId :

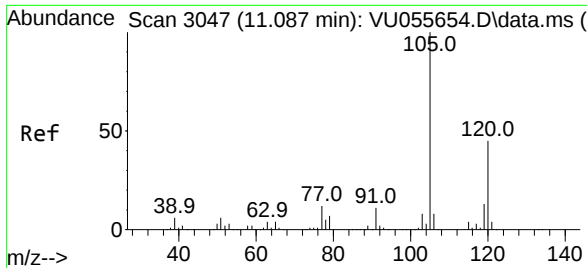
Tgt Ion:105 Resp: 285118
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 16.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.162 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Tgt Ion: 75 Resp: 40820
Ion Ratio Lower Upper
75 100
110 37.4 30.6 45.8
77 33.5 26.7 40.1

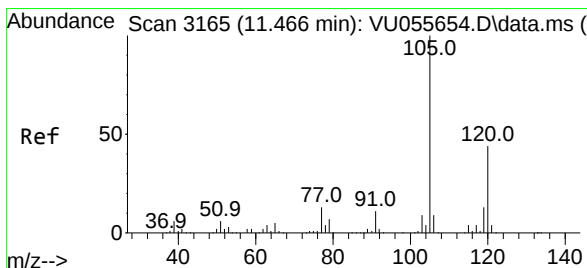
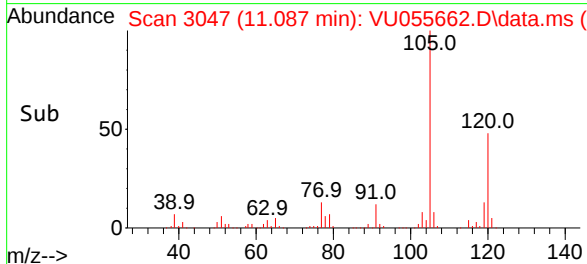
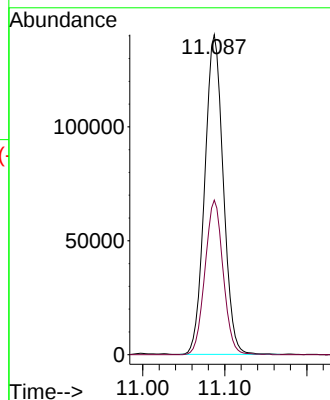
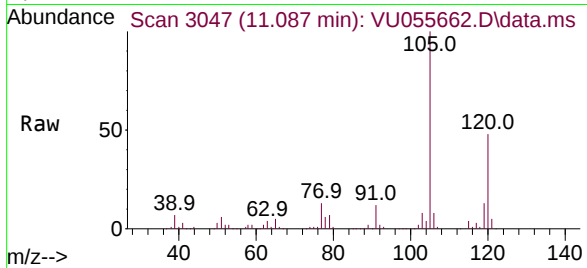




#62
 1,3,5-Trimethylbenzene
 Concen: 4.707 ug/L
 RT: 11.087 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU055662.D
 Acq: 04 Oct 2023 16:46

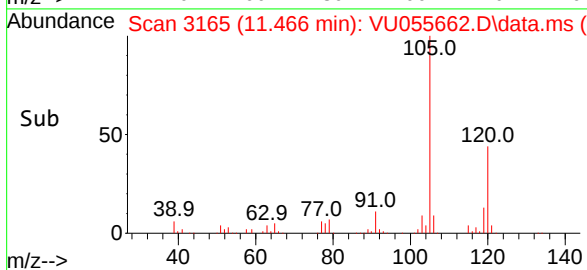
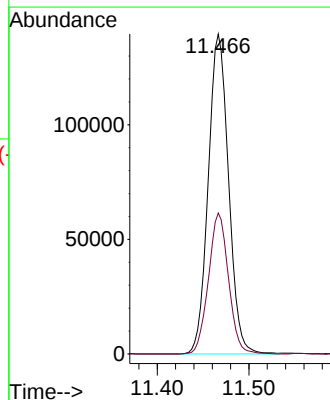
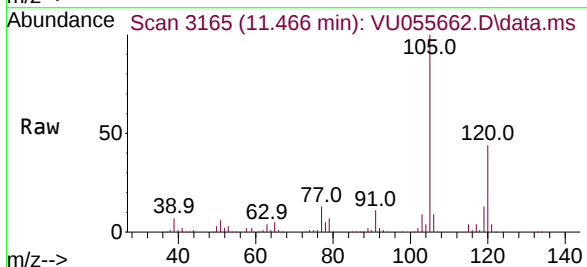
Instrument :
 MSVOA_U
 ClientSampleId :

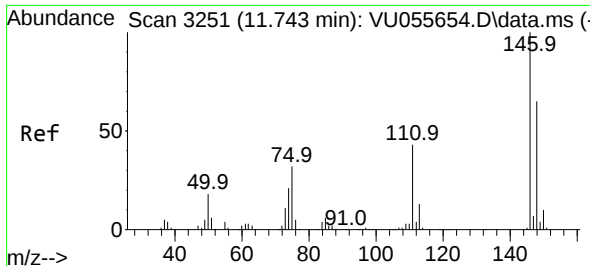
Tgt Ion:105 Resp: 219768
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.703 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU055662.D
 Acq: 04 Oct 2023 16:46

Tgt Ion:105 Resp: 214960
 Ion Ratio Lower Upper
 105 100
 120 43.4 34.9 52.3

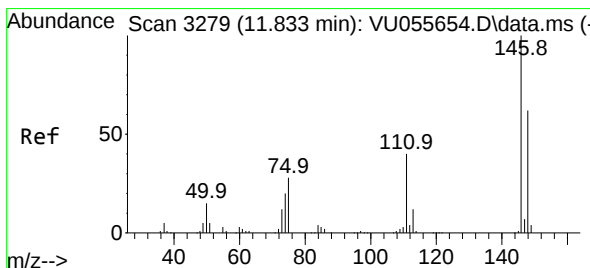
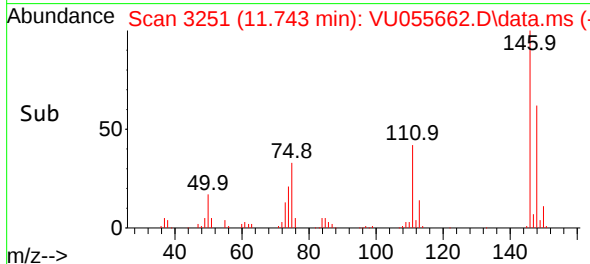
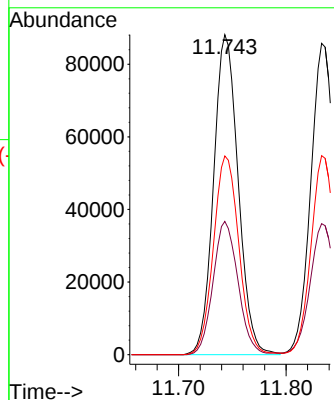
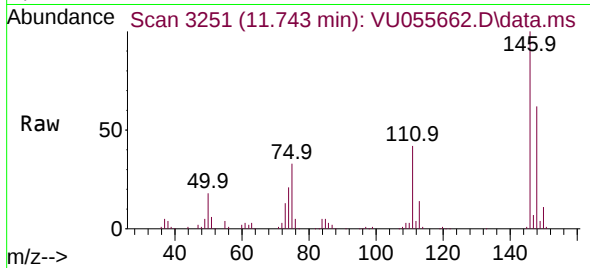




#64
1,3-Dichlorobenzene
Concen: 5.014 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

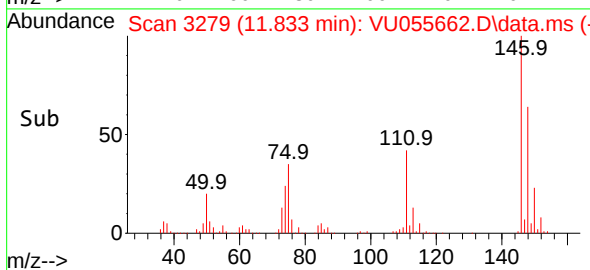
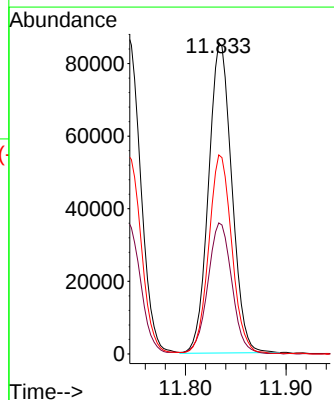
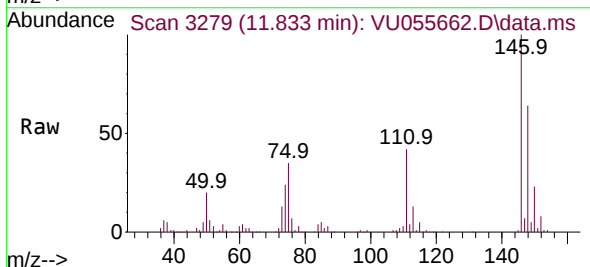
Instrument :
MSVOA_U
ClientSampleId :

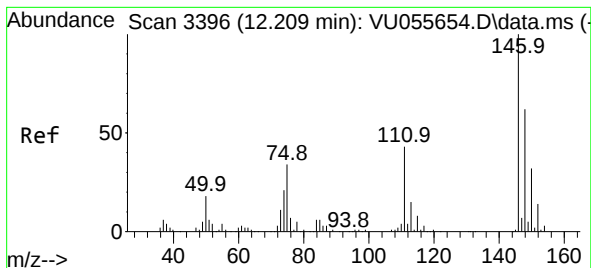
Tgt Ion:146 Resp: 140150
Ion Ratio Lower Upper
146 100
111 41.7 28.8 53.6
148 62.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.928 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055662.D
Acq: 04 Oct 2023 16:46

Tgt Ion:146 Resp: 137674
Ion Ratio Lower Upper
146 100
111 42.1 29.0 53.8
148 63.9 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 5.015 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

Instrument :

MSVOA_U

ClientSampleId :

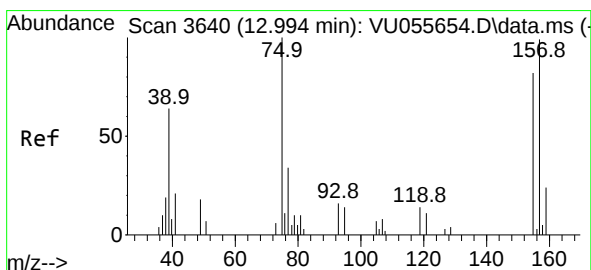
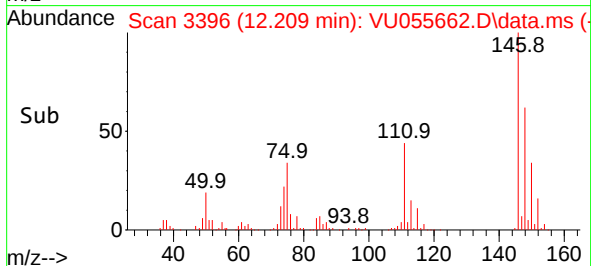
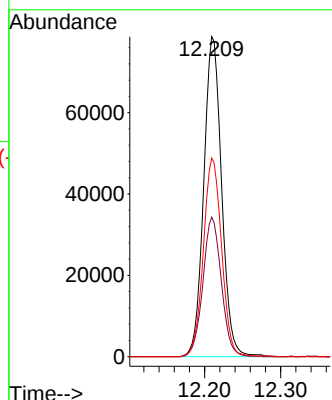
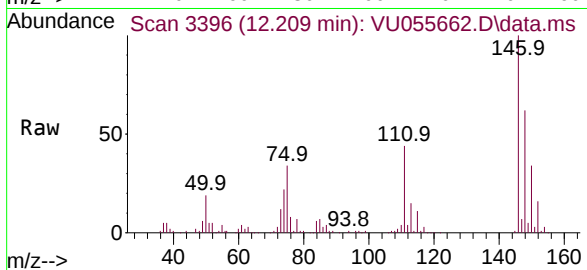
Tgt Ion:146 Resp: 128535

Ion Ratio Lower Upper

146 100

111 43.6 34.6 52.0

148 62.1 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.387 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.003 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

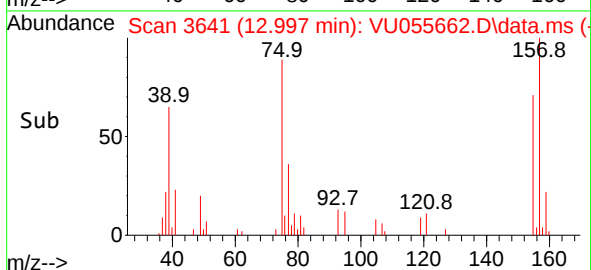
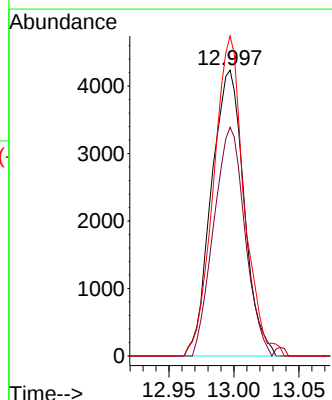
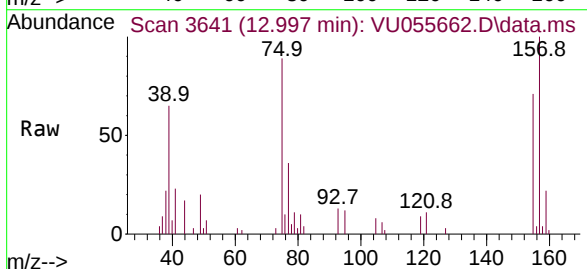
Tgt Ion: 75 Resp: 7384

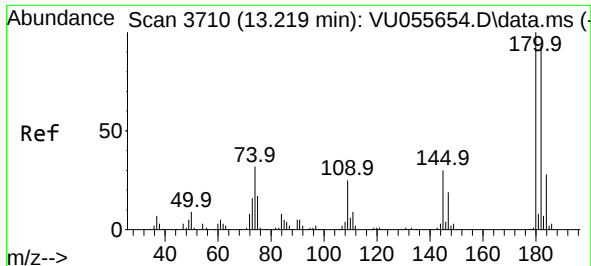
Ion Ratio Lower Upper

75 100

155 80.0 69.2 103.8

157 112.0 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 4.557 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.000 min

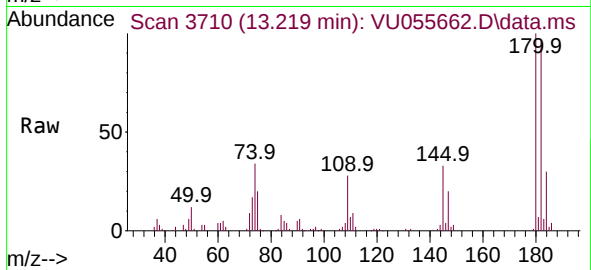
Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 87731

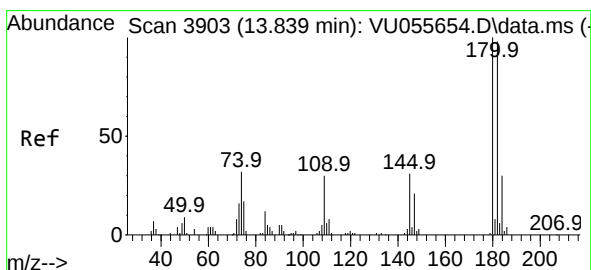
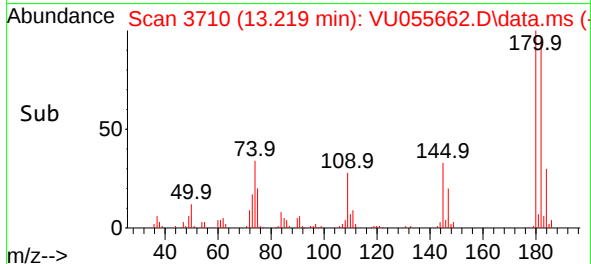
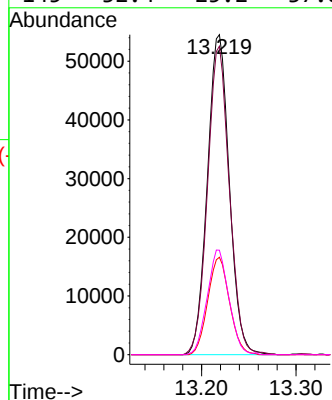
Ion Ratio Lower Upper

180 100

182 96.2 77.1 115.7

184 30.2 24.0 36.0

145 32.4 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.571 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

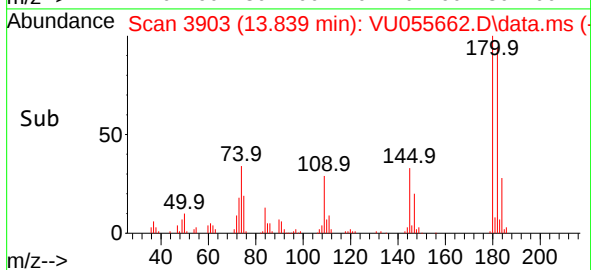
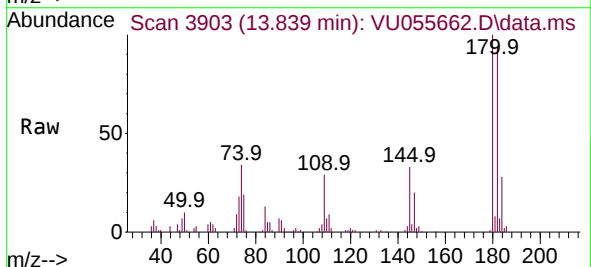
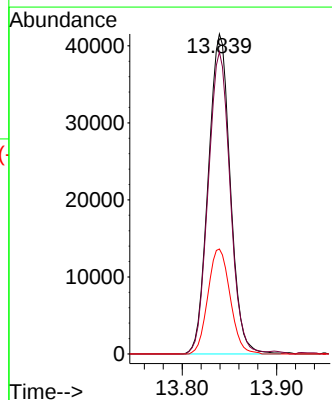
Tgt Ion:180 Resp: 67080

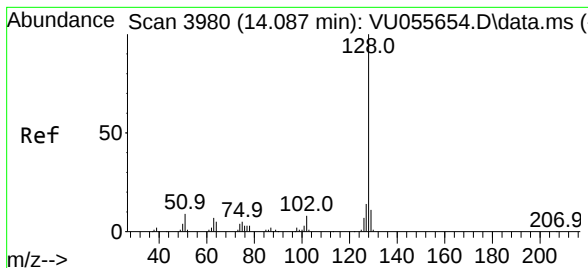
Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

145 33.1 25.4 38.0





#71

Naphthalene

Concen: 4.404 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. 0.000 min

Lab File: VU055662.D

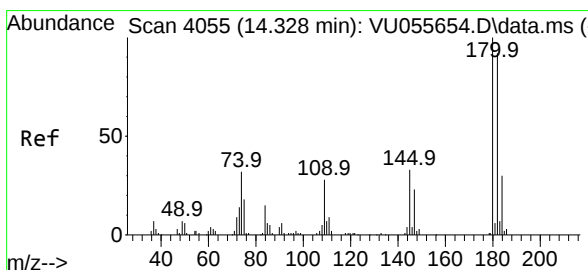
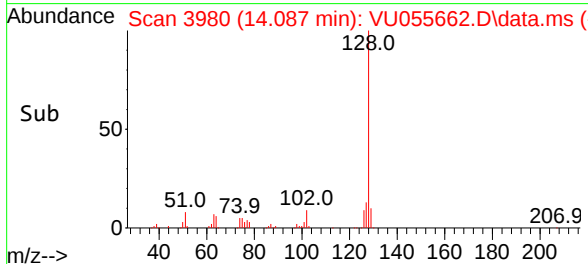
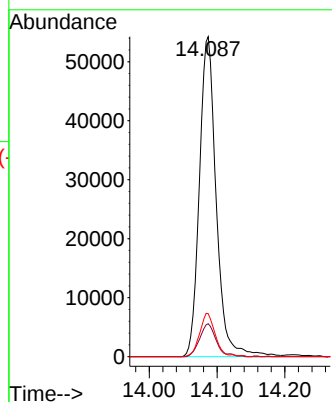
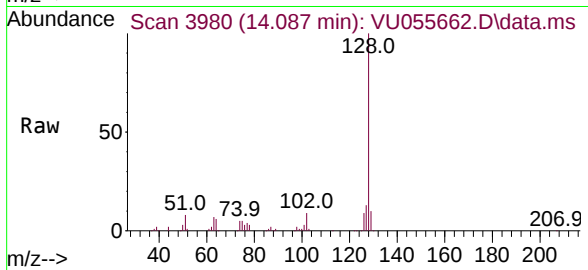
Acq: 04 Oct 2023 16:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	93572
Ion Ratio	Lower	Upper
128	100	
129	10.1	8.5 12.7
127	12.6	10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.672 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.000 min

Lab File: VU055662.D

Acq: 04 Oct 2023 16:46

Tgt Ion:180	Resp:	59666
Ion Ratio	Lower	Upper
180	100	
182	92.3	76.2 114.4
145	32.4	26.0 39.0

