

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055652.D
 Acq On : 03 Oct 2023 20:12
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 04:46:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	191874	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	117610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99712	5.142	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.911	69	78694	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.564	65	39000	4.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.628	46	162592	46.418	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.840%
24) Chloroform-d	5.059	84	163398	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.699	65	78855	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.724	84	324672	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.686	67	97301	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.895	98	305665	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.178	79	34946	4.827	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.631	63	104582	47.493	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.980%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	73387	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	101839	4.290	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	82813	4.433	ug/L	100
3) Chloromethane	1.519	50	85425	5.198	ug/L	99
5) Vinyl chloride	1.602	62	98061	5.531	ug/L	98
6) Bromomethane	1.856	94	55785	4.954	ug/L	100
8) Chloroethane	1.930	64	57952	5.009	ug/L	98
9) Trichlorofluoromethane	2.136	101	127589	5.190	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	73770	4.931	ug/L	99
12) 1,1-Dichloroethene	2.577	96	66024	4.922	ug/L	95
13) Acetone	2.634	43	104053	52.113	ug/L	99
14) Carbon disulfide	2.792	76	198253	4.916	ug/L	99
15) Methyl Acetate	2.953	43	26540	5.830	ug/L	96
16) Methylene chloride	3.043	84	84221	5.240	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	157674	5.418	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	66544	4.921	ug/L	99
19) 1,1-Dichloroethane	3.866	63	137489	5.498	ug/L	99
21) 2-Butanone	4.705	43	173724	59.322	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	76886	4.904	ug/L	96
23) Bromochloromethane	4.972	128	35985	5.431	ug/L	90
25) Chloroform	5.084	83	143101	5.404	ug/L	96

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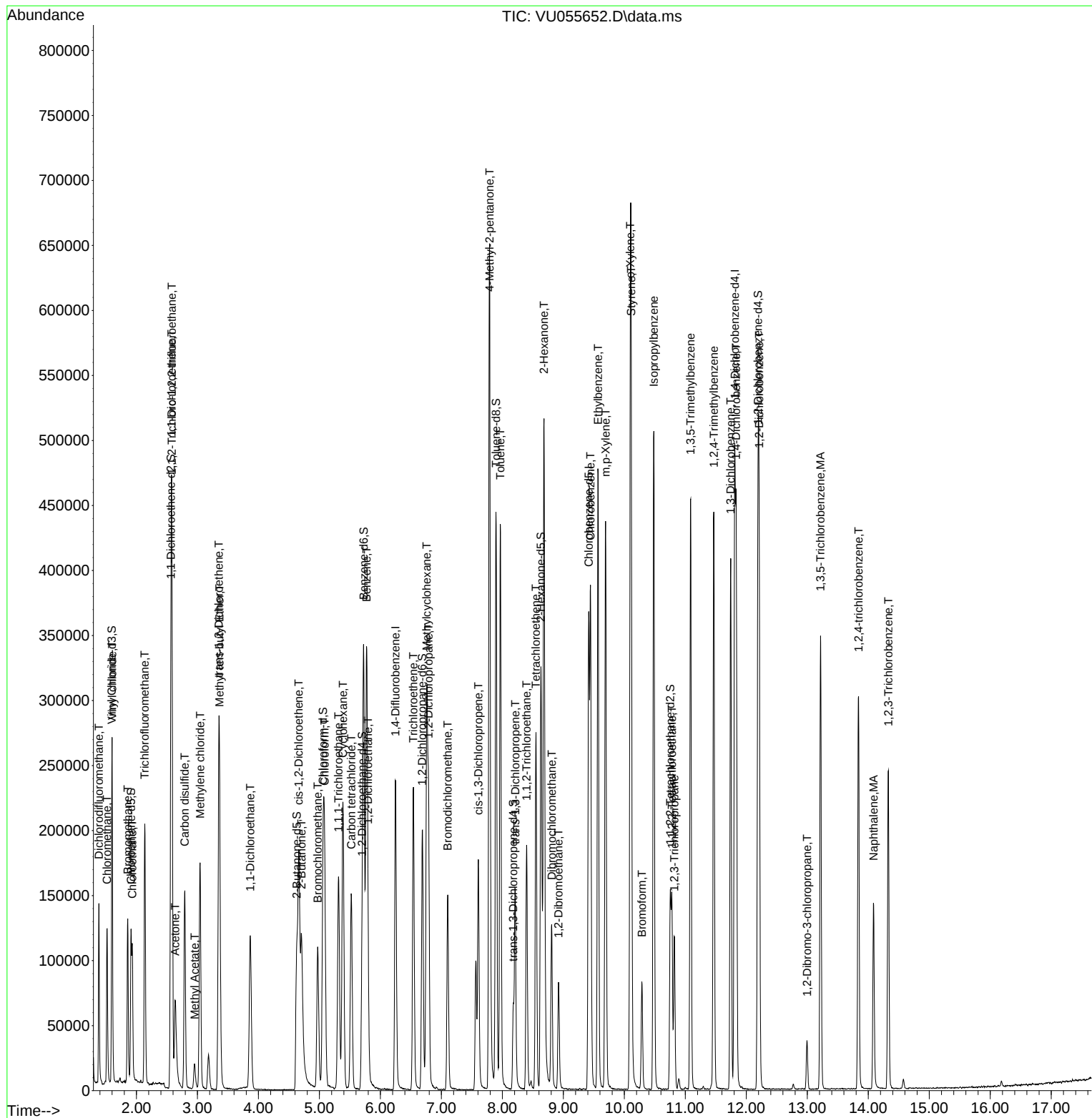
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	88998	5.481	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	119069	5.291	ug/L	98
30) Cyclohexane	5.387	56	102744	4.988	ug/L	98
31) Carbon tetrachloride	5.522	117	102406	5.309	ug/L	97
33) Benzene	5.773	78	304183	5.354	ug/L	100
34) Trichloroethene	6.541	95	81154	5.050	ug/L	96
35) Methylcyclohexane	6.760	83	108576	4.690	ug/L	97
37) 1,2-Dichloropropane	6.789	63	82619	5.560	ug/L	99
38) Bromodichloromethane	7.104	83	99527	5.716	ug/L	94
39) cis-1,3-Dichloropropene	7.605	75	108604	5.476	ug/L	99
40) 4-Methyl-2-pentanone	7.789	43	420457	62.382	ug/L	98
42) Toluene	7.965	91	320525	5.289	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	90467	5.702	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	59470	5.708	ug/L	96
47) Tetrachloroethene	8.551	164	58821	5.102	ug/L	96
48) 2-Hexanone	8.682	43	320787	61.411	ug/L	98
49) Dibromochloromethane	8.808	129	64955	5.948	ug/L	94
50) 1,2-Dibromoethane	8.920	107	54426	5.629	ug/L #	95
51) Chlorobenzene	9.444	112	200017	5.153	ug/L	97
52) Ethylbenzene	9.567	91	330870	5.093	ug/L	96
53) m,p-Xylene	9.692	106	125301	5.147	ug/L	97
54) o-Xylene	10.097	106	120990	5.111	ug/L	97
55) Styrene	10.113	104	207143	5.412	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	71058	6.042	ug/L	99
59) Bromoform	10.287	173	35857	5.688	ug/L	98
60) Isopropylbenzene	10.483	105	328306	4.844	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	50798	5.533	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	249098	4.595	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	248074	4.676	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	162598	5.010	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	163561	5.043	ug/L	99
67) 1,2-Dichlorobenzene	12.210	146	152618	5.129	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	10072	6.329	ug/L	88
69) 1,3,5-Trichlorobenzene	13.216	180	104111	4.659	ug/L	100
70) 1,2,4-trichlorobenzene	13.840	180	91221	5.354	ug/L	99
71) Naphthalene	14.087	128	117149	4.749	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	73170	4.935	ug/L	99

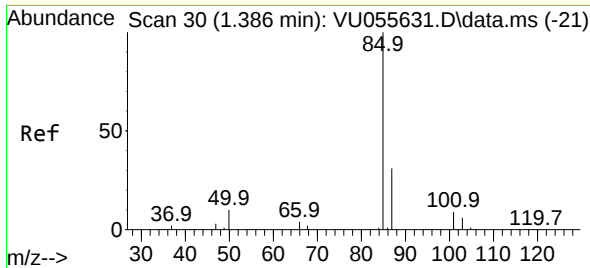
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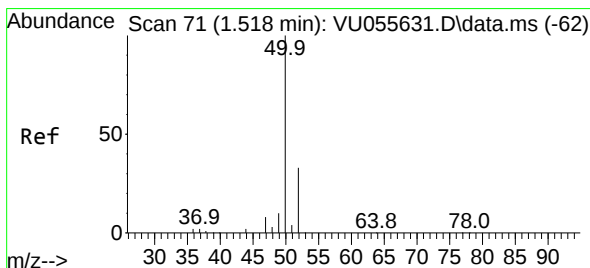
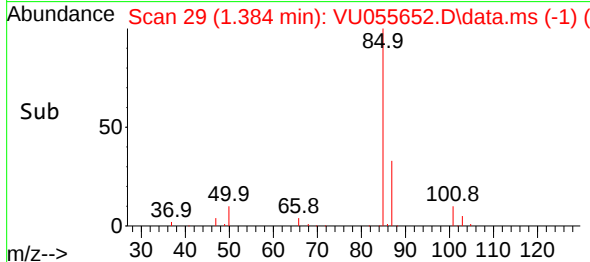
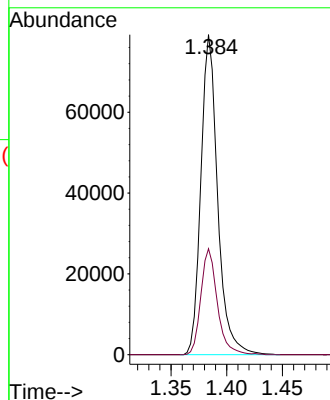
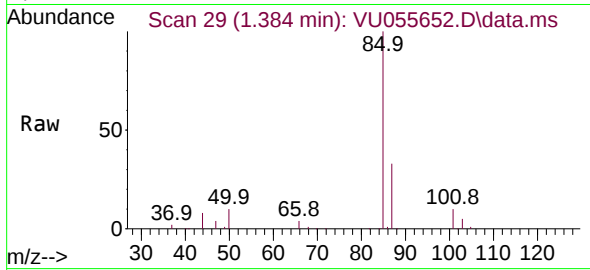




#2
 Dichlorodifluoromethane
 Concen: 4.433 ug/L
 RT: 1.384 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

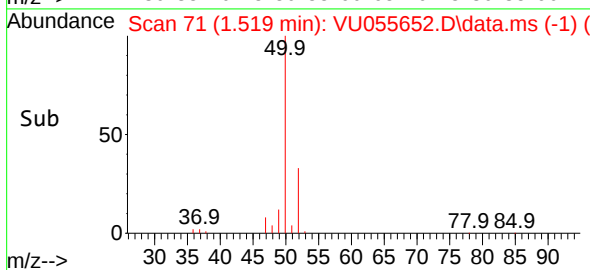
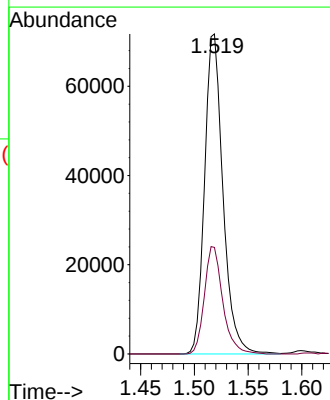
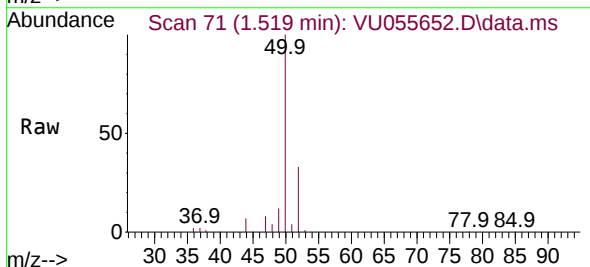
Instrument :
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 ClientSampleId :

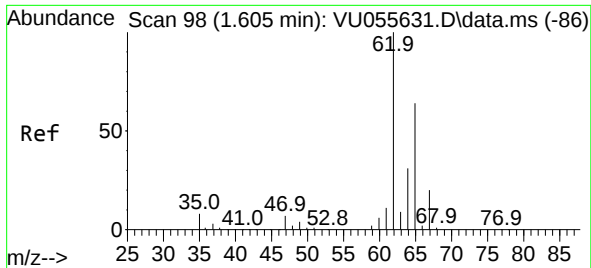
Tgt Ion: 85 Resp: 82813
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 5.198 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

Tgt Ion: 50 Resp: 85425
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.9 42.5

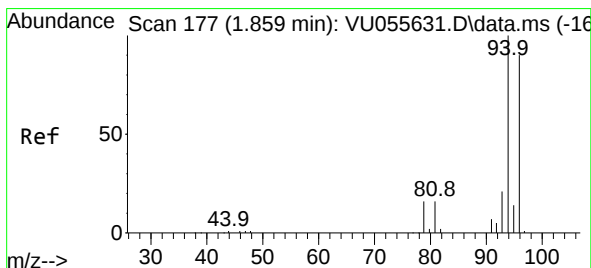
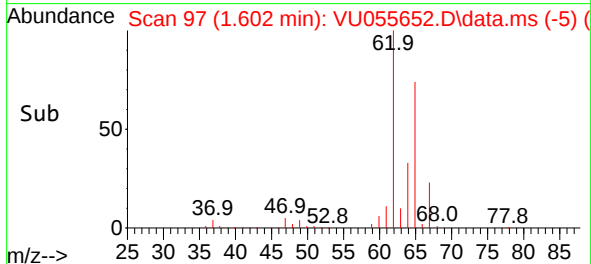
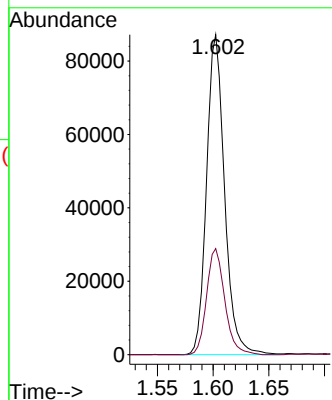
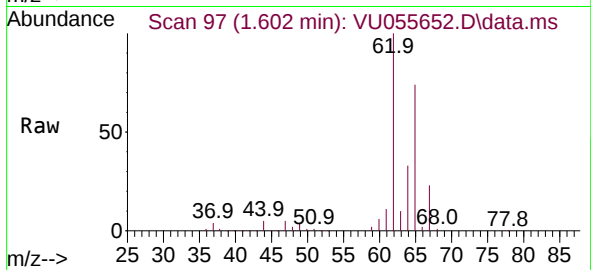




#5
 Vinyl chloride
 Concen: 5.531 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

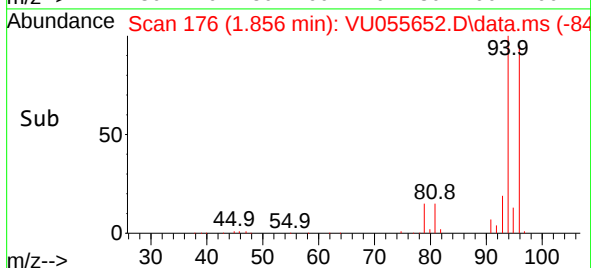
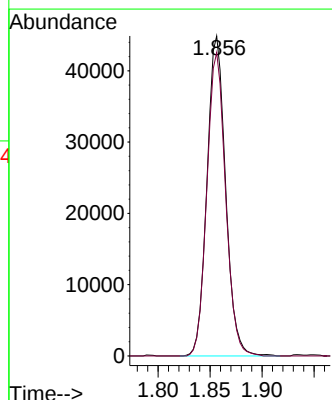
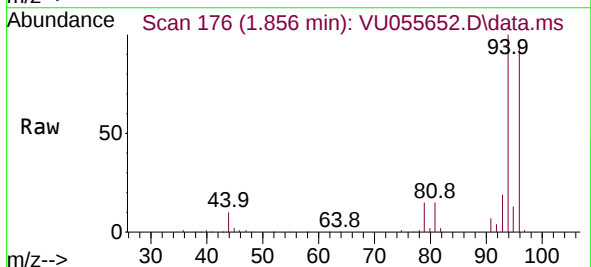
Instrument :
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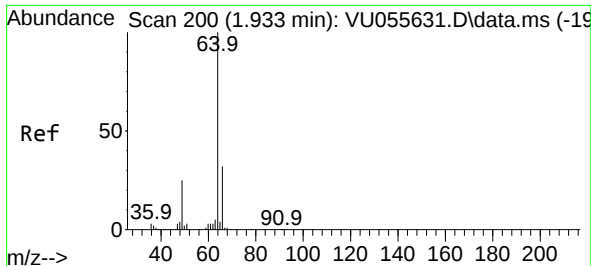
Tgt Ion: 62 Resp: 98061
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.3 41.5



#6
 Bromomethane
 Concen: 4.954 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

Tgt Ion: 94 Resp: 55785
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.4 123.2

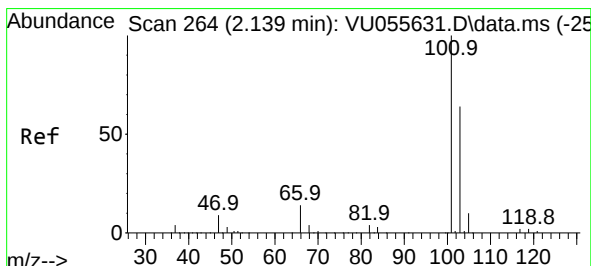
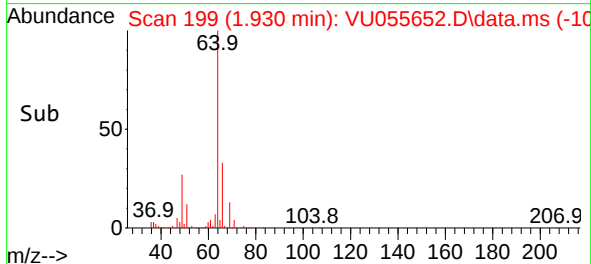
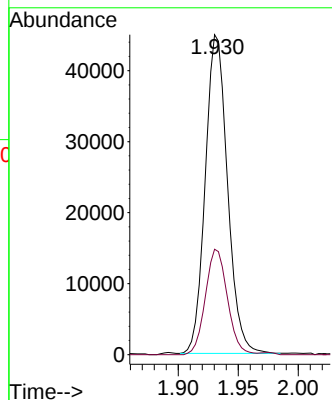
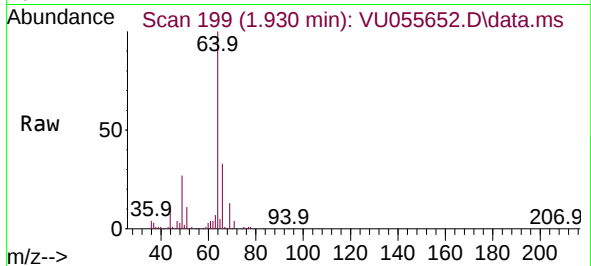




#8
Chloroethane
Concen: 5.009 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

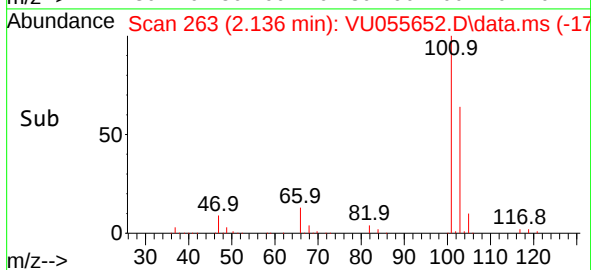
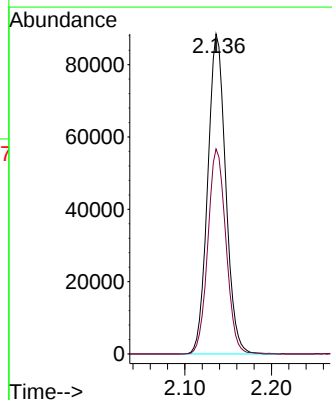
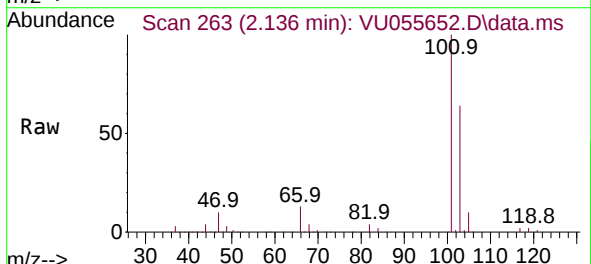
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MSVOA_U
ClientSampleId :

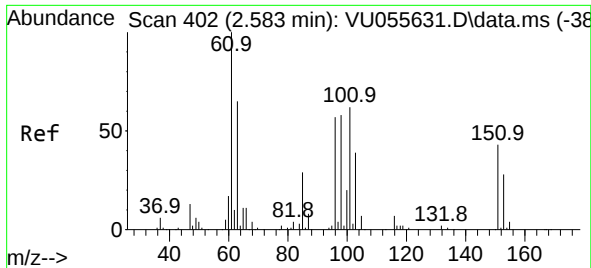
Tgt Ion: 64 Resp: 57952
Ion Ratio Lower Upper
64 100
66 32.9 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.190 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Tgt Ion: 101 Resp: 127589
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

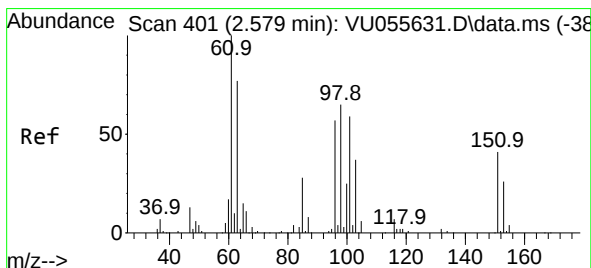
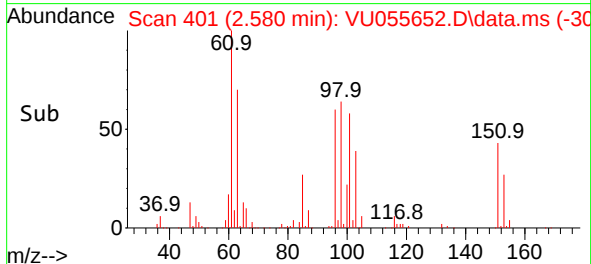
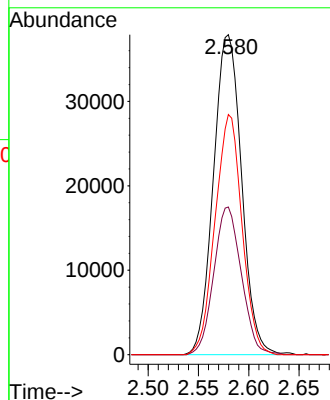
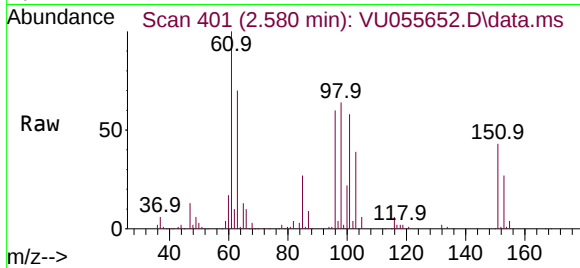




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.931 ug/L
 RT: 2.580 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU055652.D
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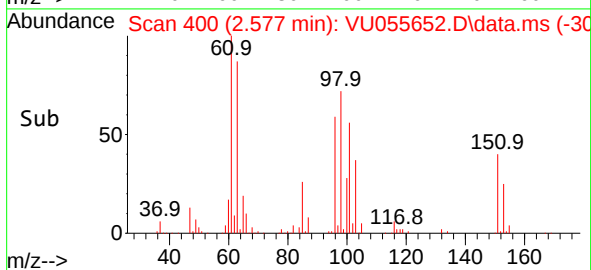
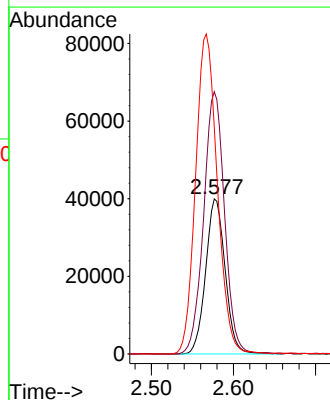
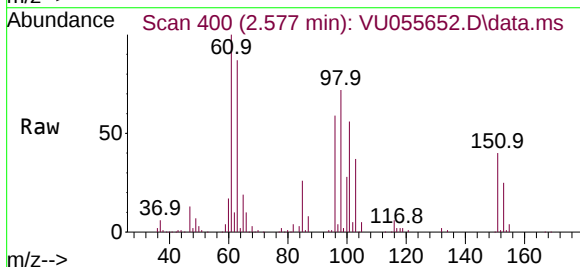
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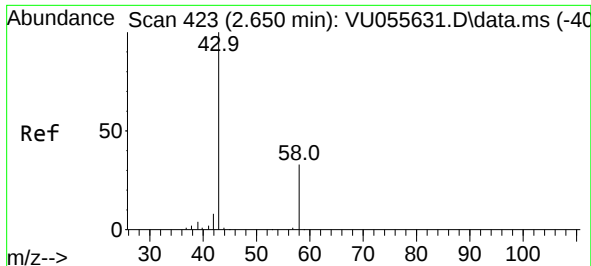
Tgt Ion:101 Resp: 73770
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.8 53.6
 151 71.9 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.922 ug/L
 RT: 2.577 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU055652.D
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Tgt Ion: 96 Resp: 66024
 Ion Ratio Lower Upper
 96 100
 61 169.2 114.5 212.7
 63 146.6 98.3 182.5





#13

Acetone

Concen: 52.113 ug/L

RT: 2.634 min Scan# 418

Delta R.T. -0.016 min

Lab File: VU055652.D

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Instrument :

MSVOA_U

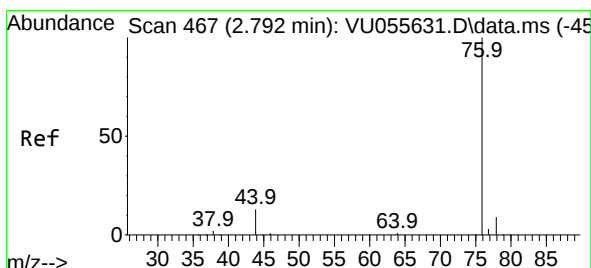
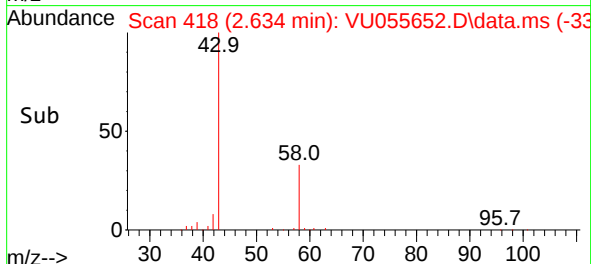
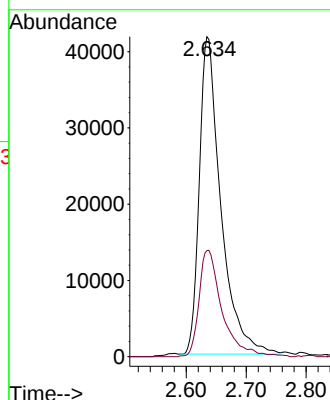
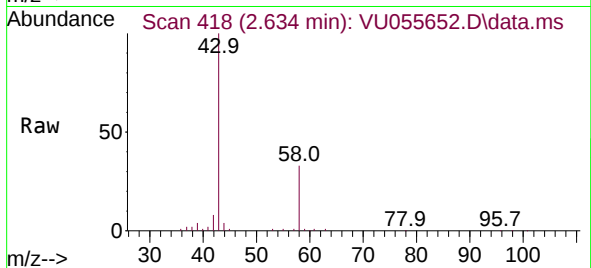
ClientSampleId :

Tgt Ion: 43 Resp: 104053

Ion Ratio Lower Upper

43 100

58 35.4 0.0 72.2



#14

Carbon disulfide

Concen: 4.916 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU055652.D

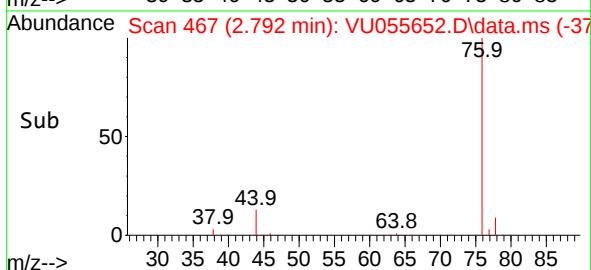
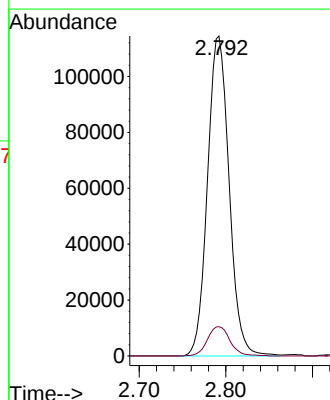
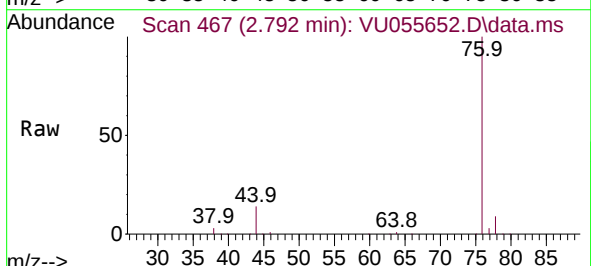
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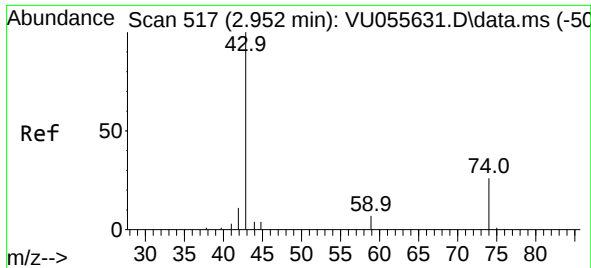
Tgt Ion: 76 Resp: 198253

Ion Ratio Lower Upper

76 100

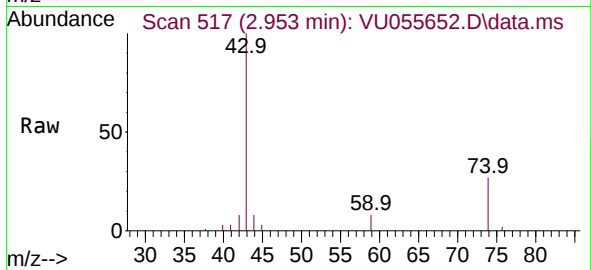
78 9.2 7.7 11.5



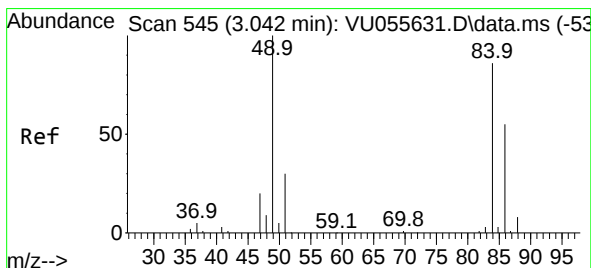
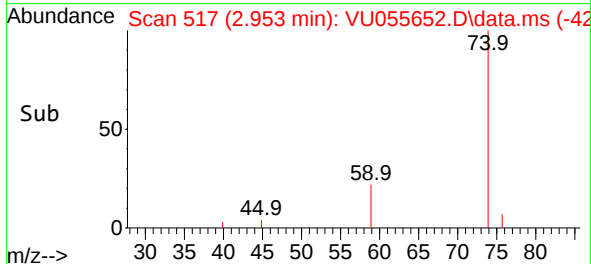
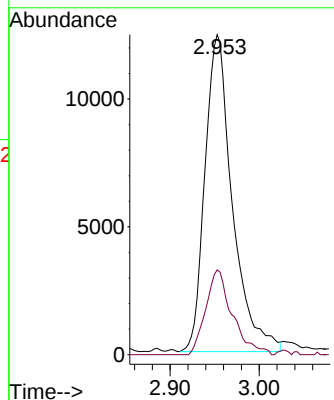


#15
Methyl Acetate
Concen: 5.830 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Instrument :
MSVOA_U
ClientSampleId :

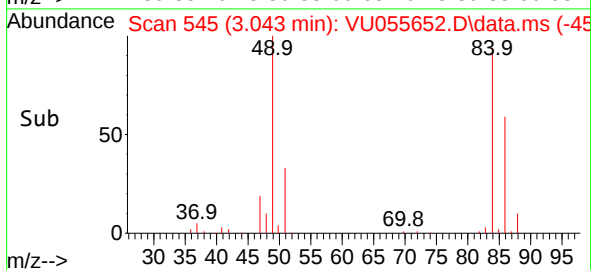
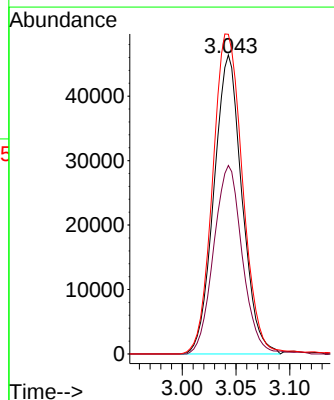
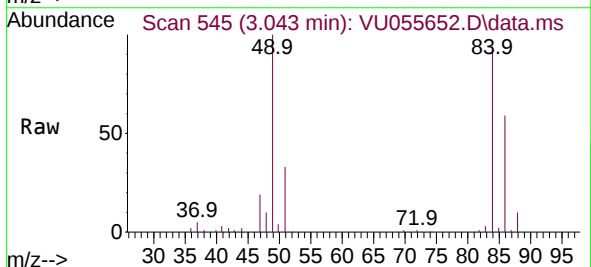


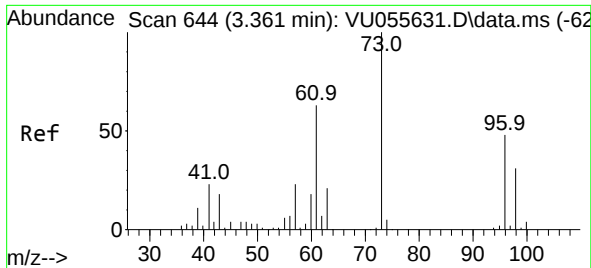
Tgt Ion: 43 Resp: 26540
Ion Ratio Lower Upper
43 100
74 25.8 22.3 33.5



#16
Methylene chloride
Concen: 5.240 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Tgt Ion: 84 Resp: 84221
Ion Ratio Lower Upper
84 100
86 63.0 44.9 83.3
49 111.1 78.8 146.3

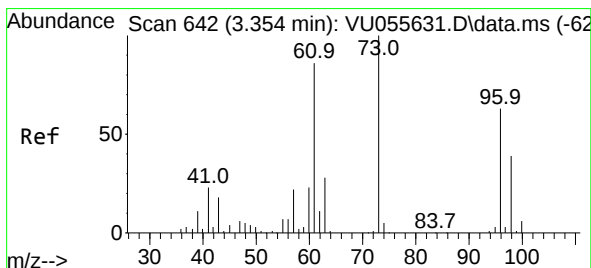
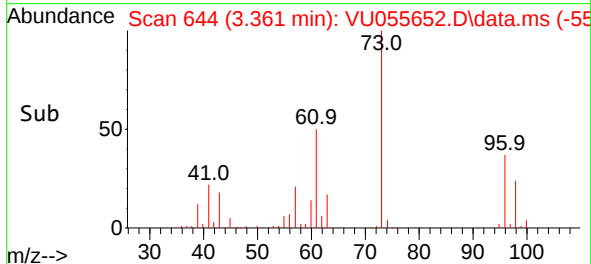
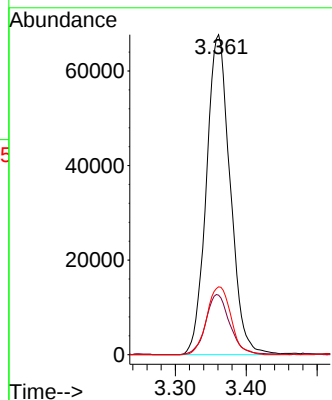
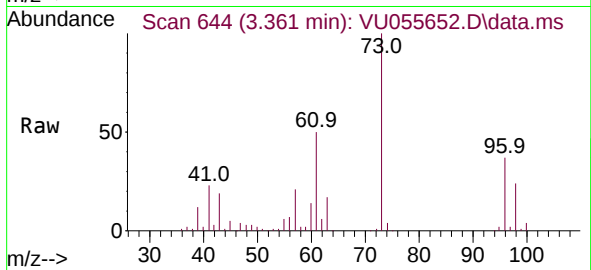




#17
Methyl tert-butyl Ether
Concen: 5.418 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

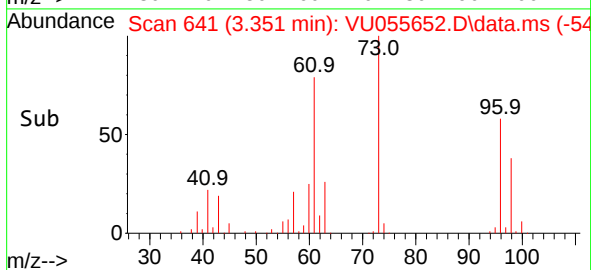
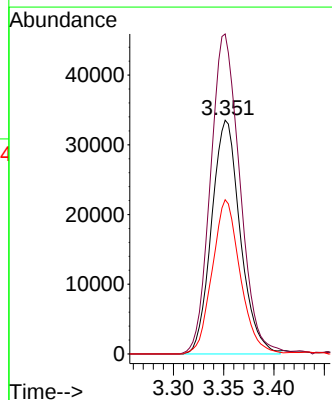
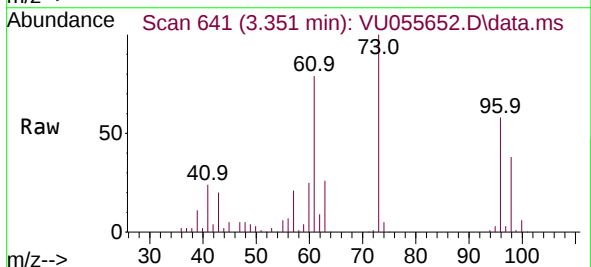
Instrument :
MSVOA_U
ClientSampleId :

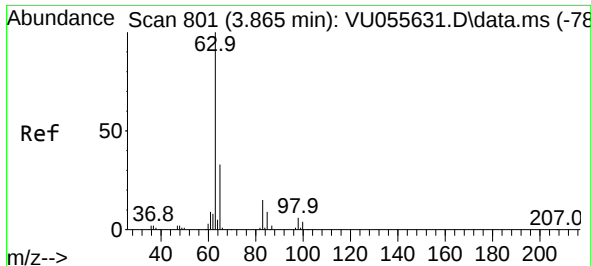
Tgt Ion: 73 Resp: 157674
Ion Ratio Lower Upper
73 100
43 19.2 14.9 22.3
57 21.6 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.921 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Tgt Ion: 96 Resp: 66544
Ion Ratio Lower Upper
96 100
61 136.9 94.6 175.6
98 66.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.498 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

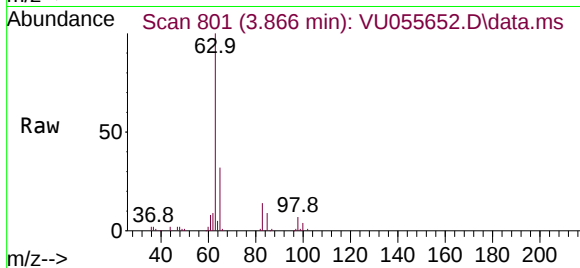
Lab File: VU055652.D

Acq: 03 Oct 2023 20:12

Instrument :

MSVOA_U

ClientSampleId :



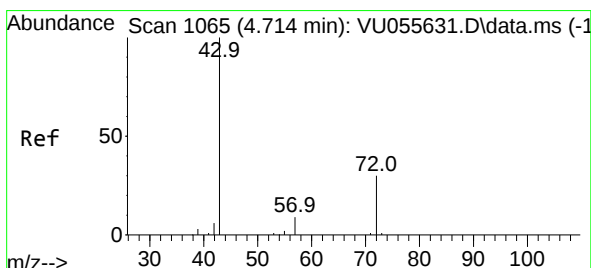
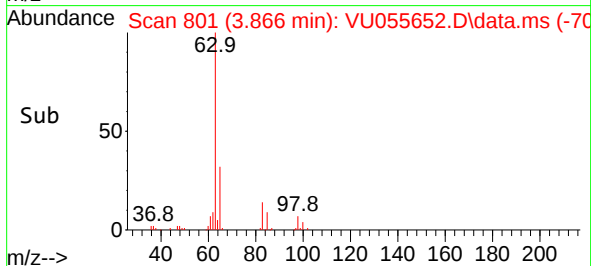
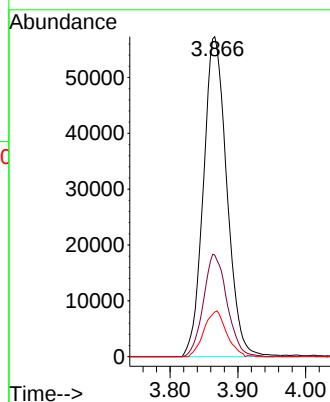
Tgt Ion: 63 Resp: 137489

Ion Ratio Lower Upper

63 100

65 31.7 22.0 41.0

83 14.0 10.1 18.9



#21

2-Butanone

Concen: 59.322 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.009 min

Lab File: VU055652.D

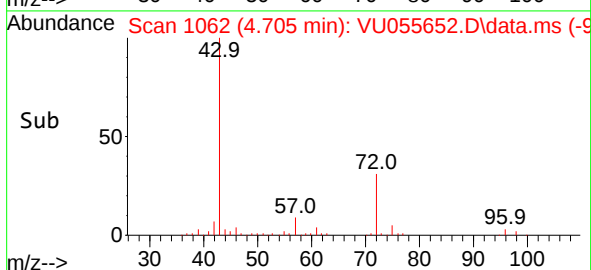
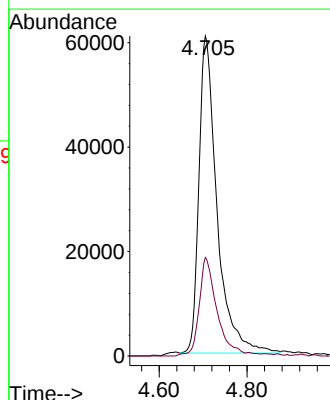
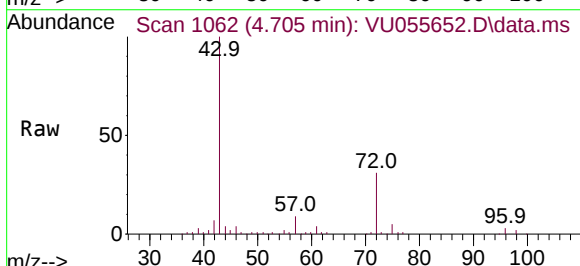
Acq: 03 Oct 2023 20:12

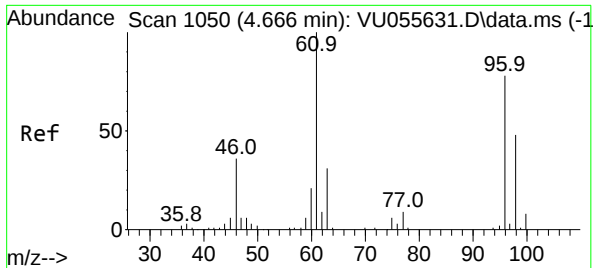
Tgt Ion: 43 Resp: 173724

Ion Ratio Lower Upper

43 100

72 30.1 15.1 45.3

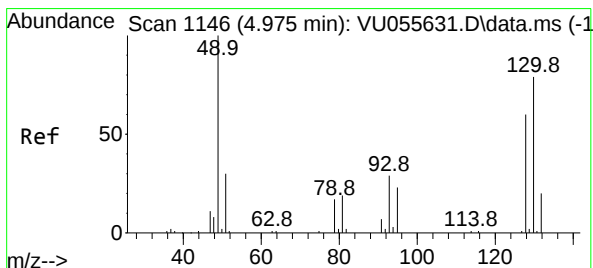
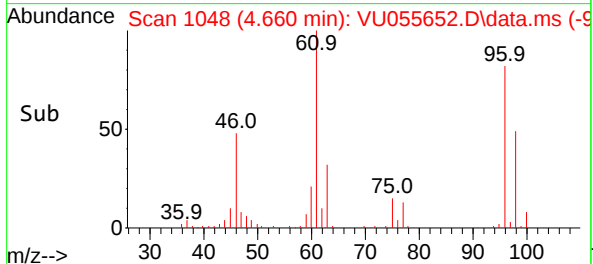
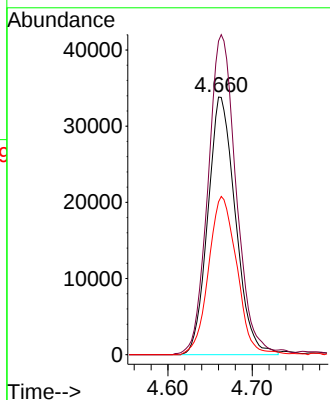
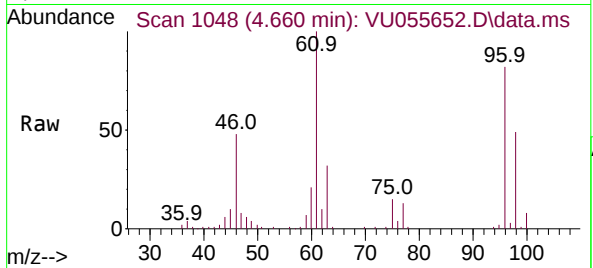




#22
 cis-1,2-Dichloroethene
 Concen: 4.904 ug/L
 RT: 4.660 min Scan# 1104
 Delta R.T. -0.006 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

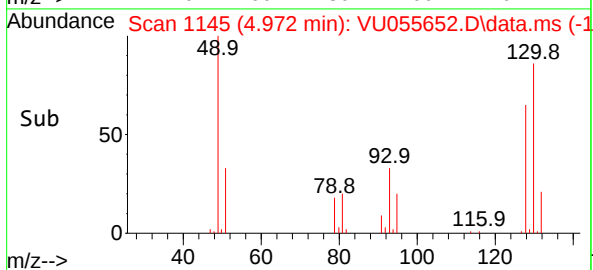
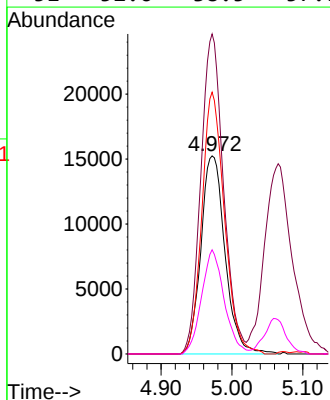
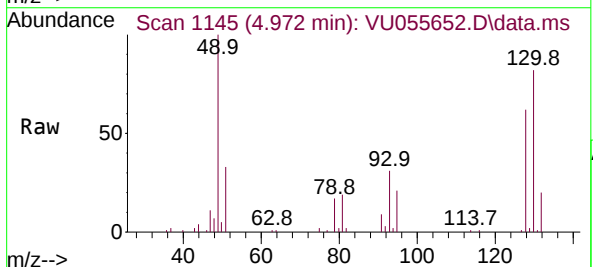
Instrument :
 MSVOA_U
 ClientSampleId :

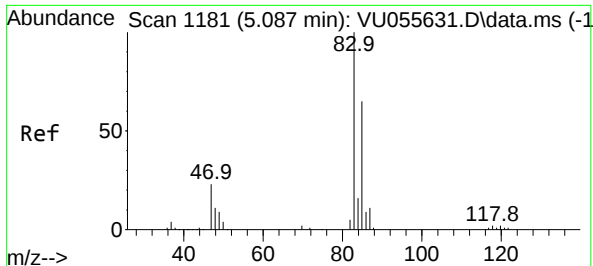
Tgt Ion:	96	Resp:	76886
Ion	Ratio	Lower	Upper
96	100		
61	121.7	87.8	163.2
98	59.3	44.4	82.4



#23
 Bromochloromethane
 Concen: 5.431 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

Tgt Ion:	128	Resp:	35985
Ion	Ratio	Lower	Upper
128	100		
49	169.3	102.8	191.0
130	132.2	89.9	166.9
51	52.6	38.5	57.7





#25

Chloroform

Concen: 5.404 ug/L

RT: 5.084 min Scan# 1181

Delta R.T. -0.003 min

Lab File: VU055652.D

Acq: 03 Oct 2023 20:12

Instrument :

MSVOA_U

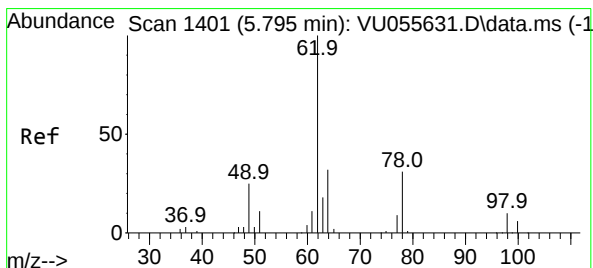
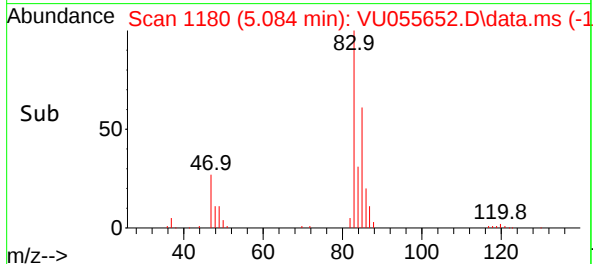
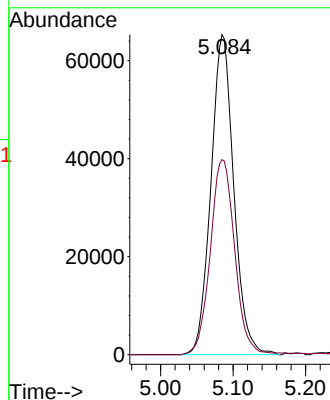
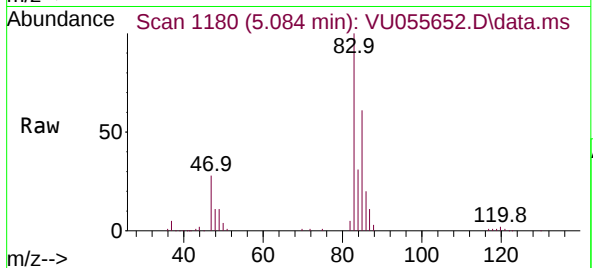
ClientSampleId :

Tgt Ion: 83 Resp: 143101

Ion Ratio Lower Upper

83 100

85 60.9 44.9 83.5



#27

1,2-Dichloroethane

Concen: 5.481 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VU055652.D

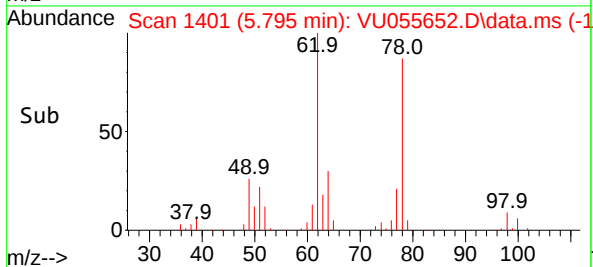
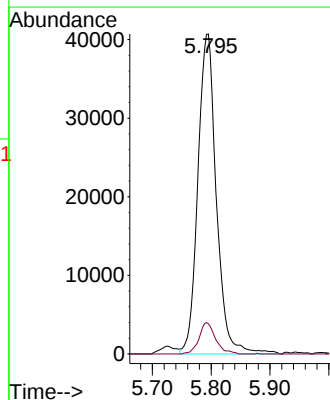
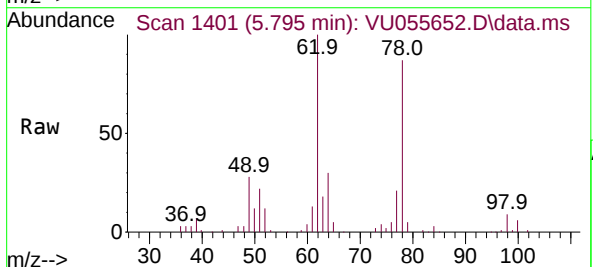
Acq: 03 Oct 2023 20:12

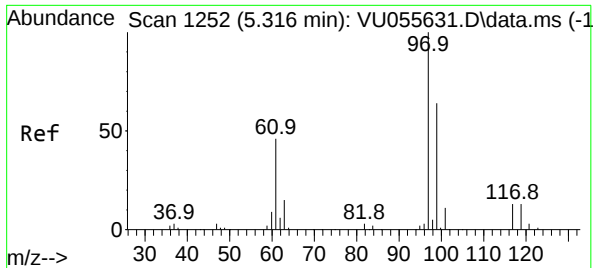
Tgt Ion: 62 Resp: 88998

Ion Ratio Lower Upper

62 100

98 9.4 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.291 ug/L

RT: 5.313 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU055652.D

Acq: 03 Oct 2023 20:12

Instrument :

MSVOA_U

ClientSampleId :

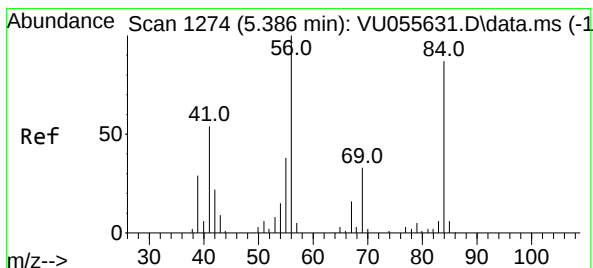
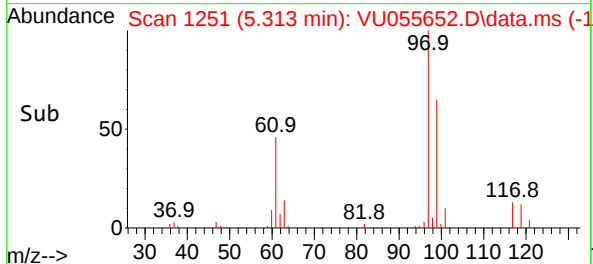
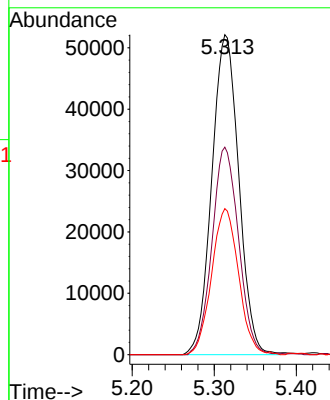
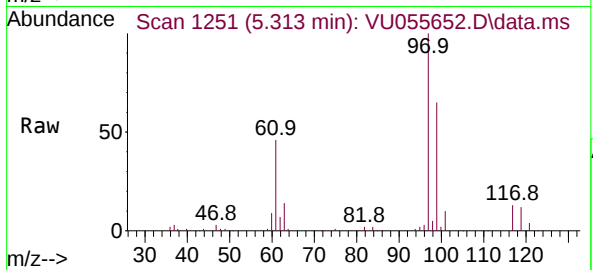
Tgt Ion: 97 Resp: 119069

Ion Ratio Lower Upper

97 100

99 63.8 50.7 76.1

61 45.5 34.6 51.8



#30

Cyclohexane

Concen: 4.988 ug/L

RT: 5.387 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU055652.D

Acq: 03 Oct 2023 20:12

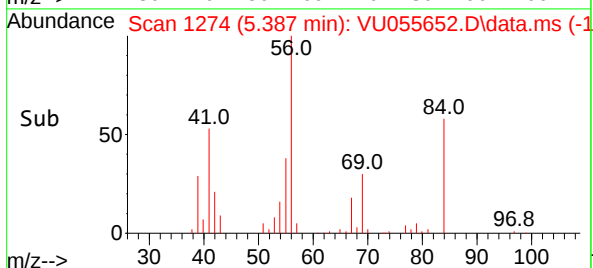
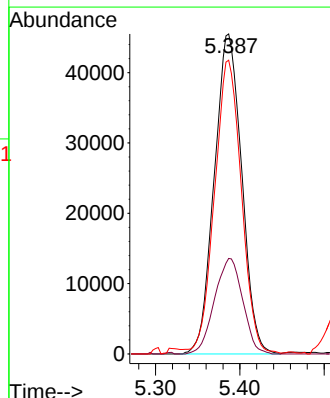
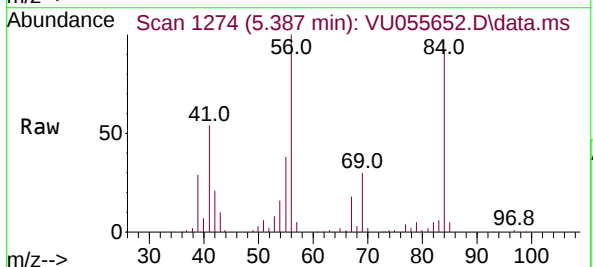
Tgt Ion: 56 Resp: 102744

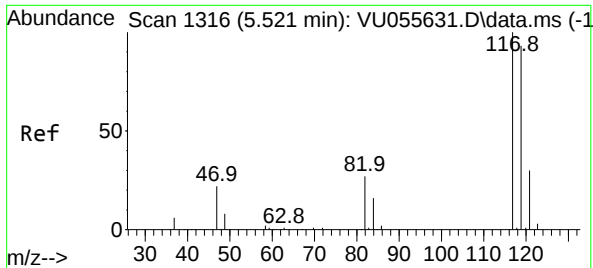
Ion Ratio Lower Upper

56 100

69 30.6 26.5 39.7

84 89.0 72.6 108.8

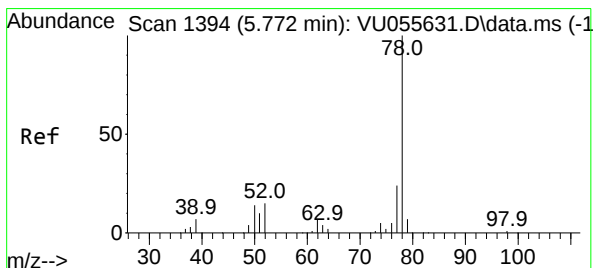
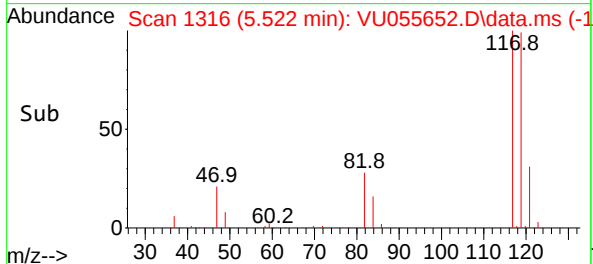
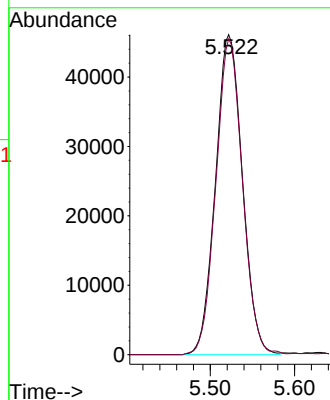
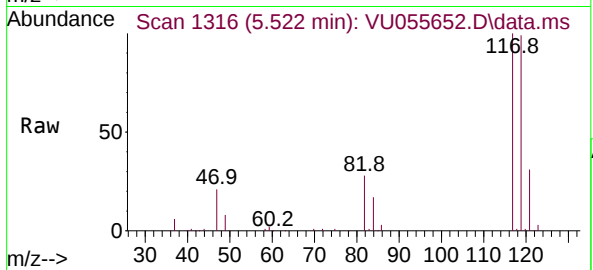




#31
Carbon tetrachloride
Concen: 5.309 ug/L
RT: 5.522 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

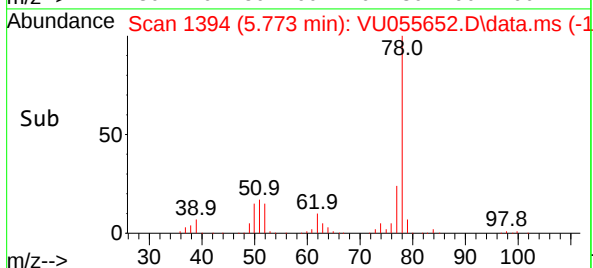
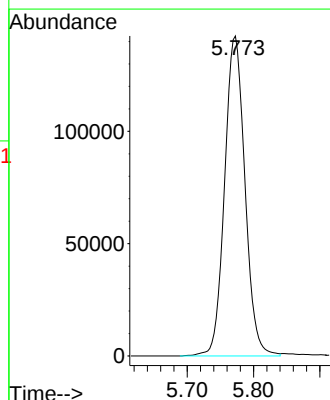
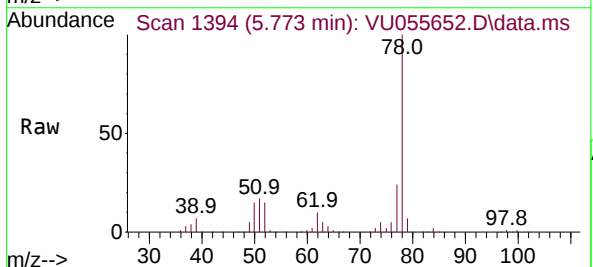
Instrument :
MSVOA_U
ClientSampleId :

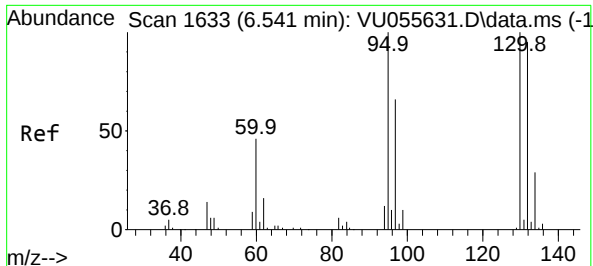
Tgt Ion:117 Resp: 102406
Ion Ratio Lower Upper
117 100
119 97.2 75.2 112.8



#33
Benzene
Concen: 5.354 ug/L
RT: 5.773 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

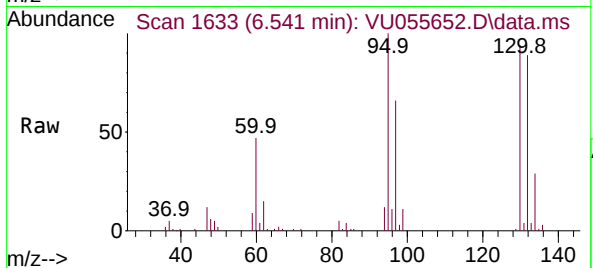
Tgt Ion: 78 Resp: 304183



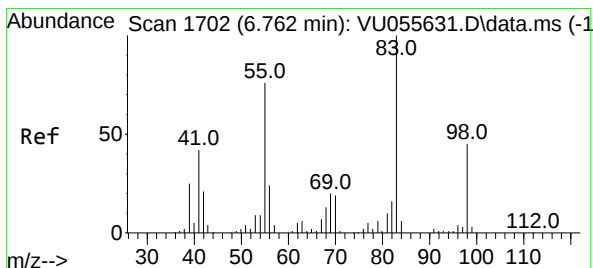
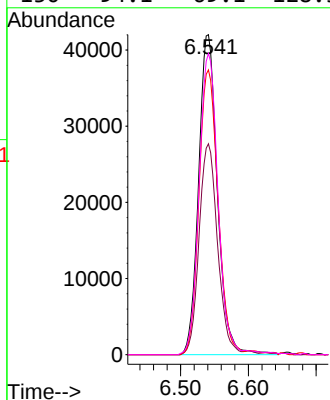
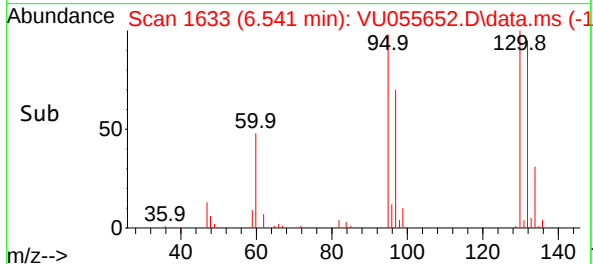


#34
Trichloroethene
Concen: 5.050 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

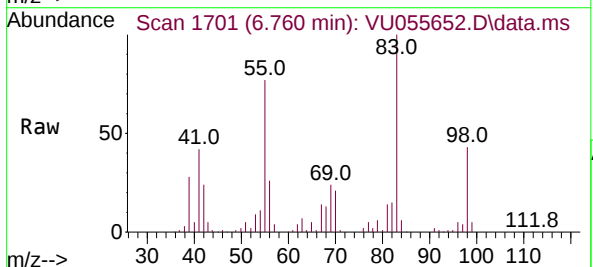
Instrument :
MSVOA_U
ClientSampleId :



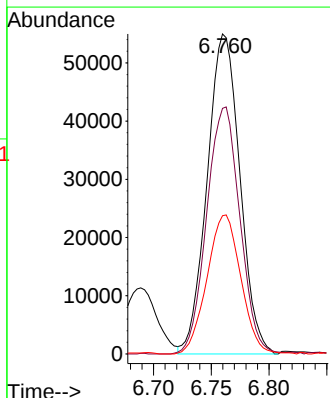
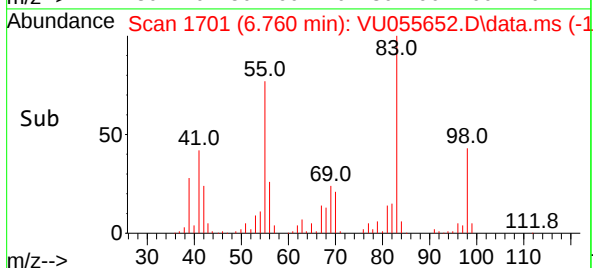
Tgt Ion: 95 Resp: 81154
Ion Ratio Lower Upper
95 100
97 65.9 45.4 84.2
132 89.0 65.2 121.2
130 94.1 69.1 128.3

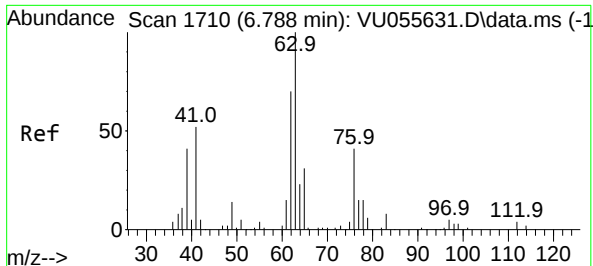


#35
Methylcyclohexane
Concen: 4.690 ug/L
RT: 6.760 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12



Tgt Ion: 83 Resp: 108576
Ion Ratio Lower Upper
83 100
55 78.1 59.1 88.7
98 44.7 36.3 54.5

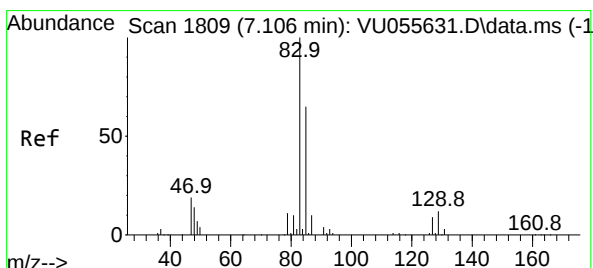
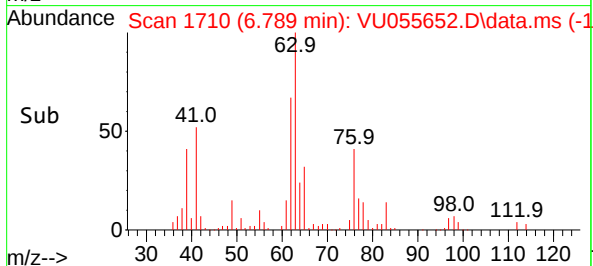
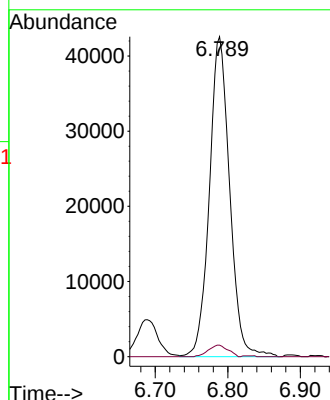
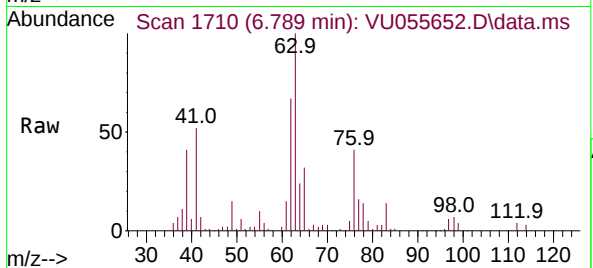




#37
1,2-Dichloropropane
Concen: 5.560 ug/L
RT: 6.789 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

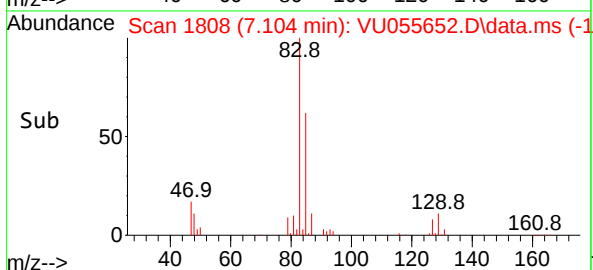
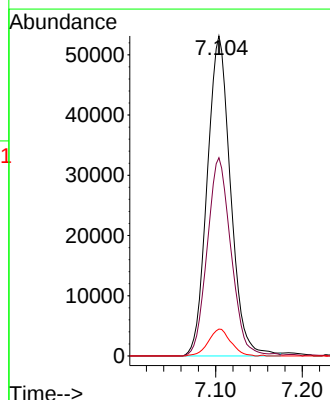
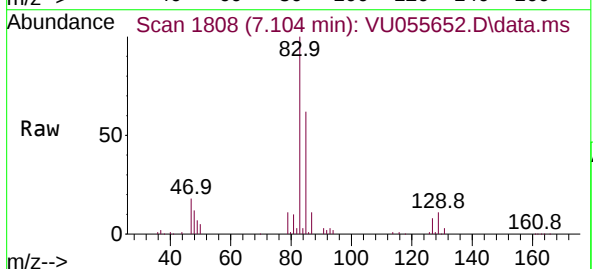
Instrument :
MSVOA_U
ClientSampleId :

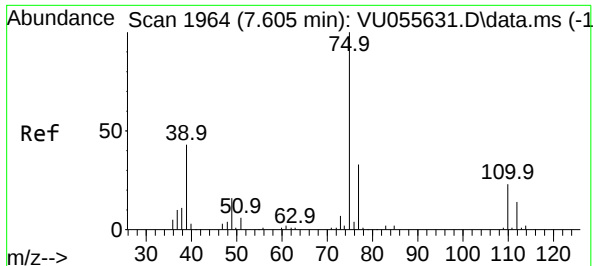
Tgt Ion: 63 Resp: 82619
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.6



#38
Bromodichloromethane
Concen: 5.716 ug/L
RT: 7.104 min Scan# 1808
Delta R.T. -0.003 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Tgt Ion: 83 Resp: 99527
Ion Ratio Lower Upper
83 100
85 62.0 46.8 86.8
127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.476 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055652.D

Acq: 03 Oct 2023 20:12

Instrument :

MSVOA_U

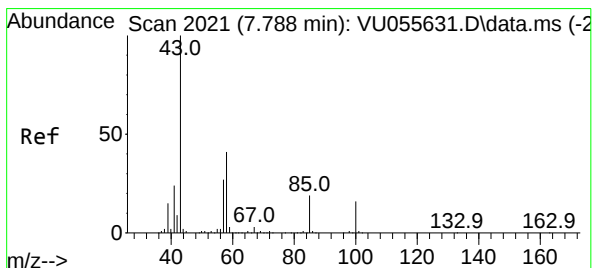
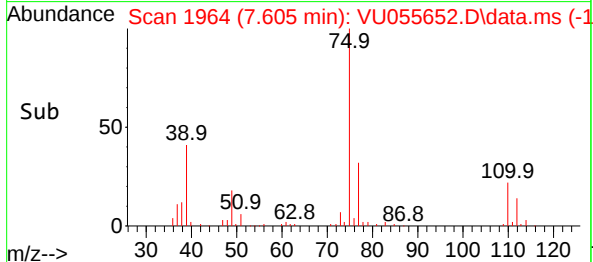
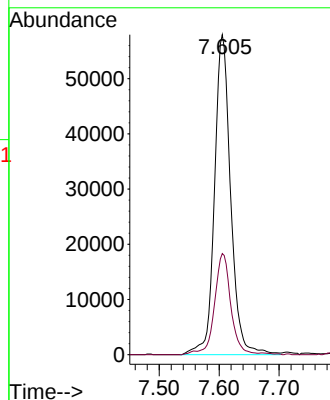
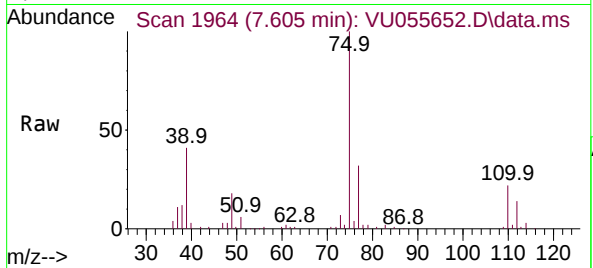
ClientSampleId :

Tgt Ion: 75 Resp: 108604

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 62.382 ug/L

RT: 7.789 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055652.D

Acq: 03 Oct 2023 20:12

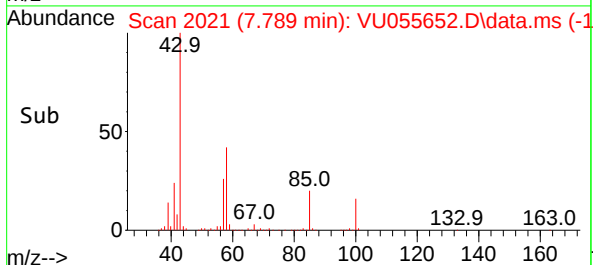
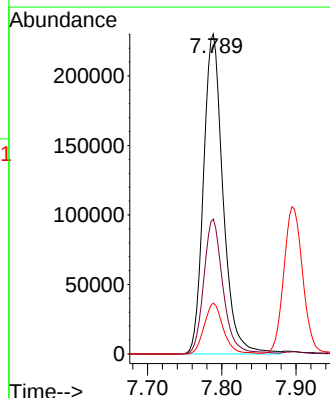
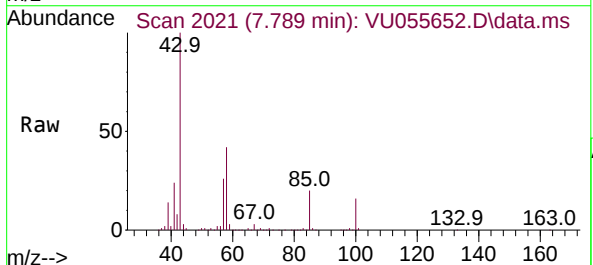
Tgt Ion: 43 Resp: 420457

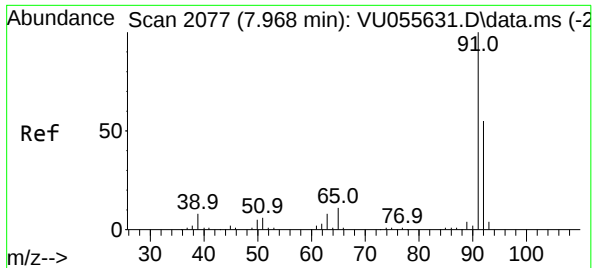
Ion Ratio Lower Upper

43 100

58 41.7 34.2 51.4

100 15.5 13.4 20.0

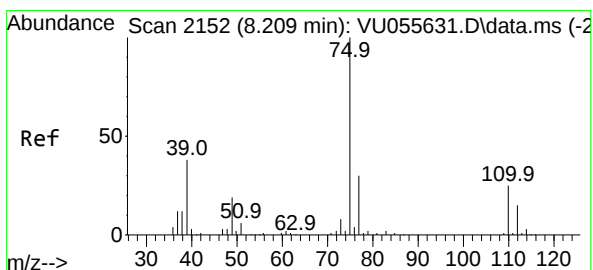
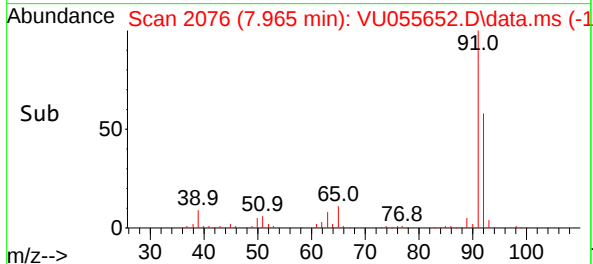
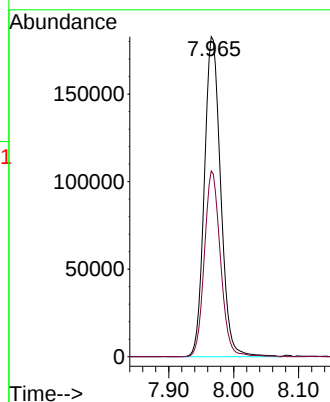
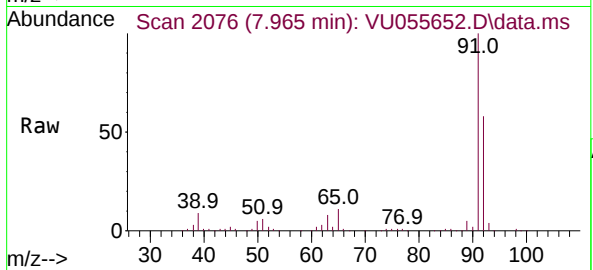




#42
Toluene
Concen: 5.289 ug/L
RT: 7.965 min Scan# 2077
Delta R.T. -0.003 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

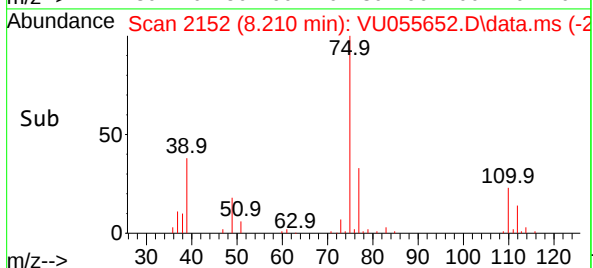
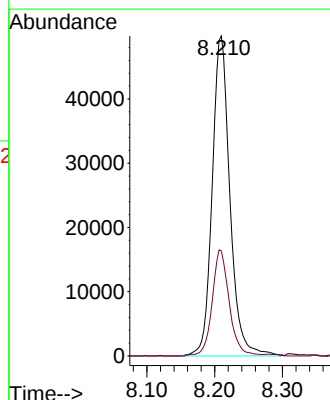
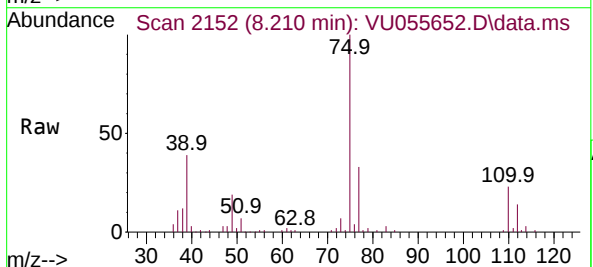
Instrument :
MSVOA_U
ClientSampleId :

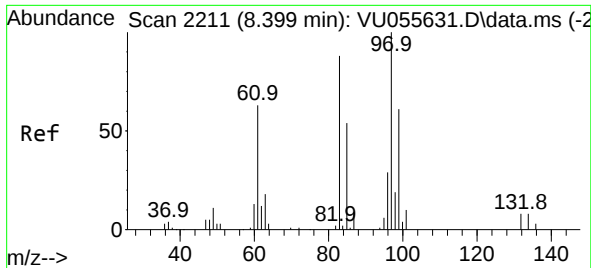
Tgt Ion: 91 Resp: 320525
Ion Ratio Lower Upper
91 100
92 58.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 5.702 ug/L
RT: 8.210 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Tgt Ion: 75 Resp: 90467
Ion Ratio Lower Upper
75 100
77 32.9 21.8 40.4

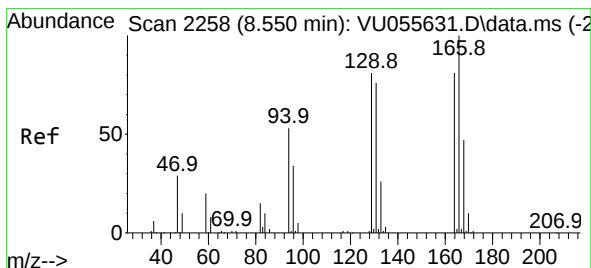
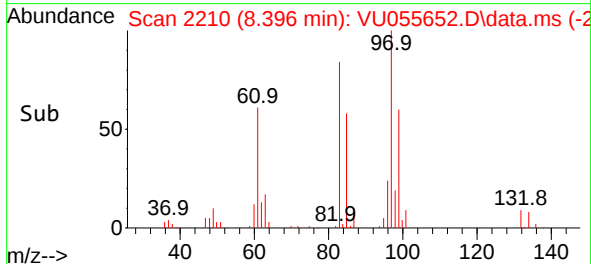
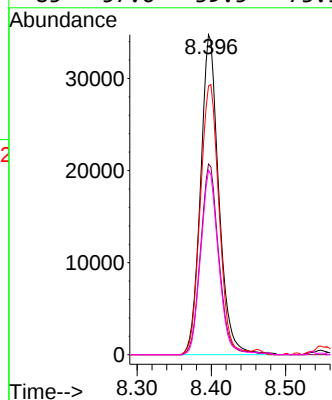
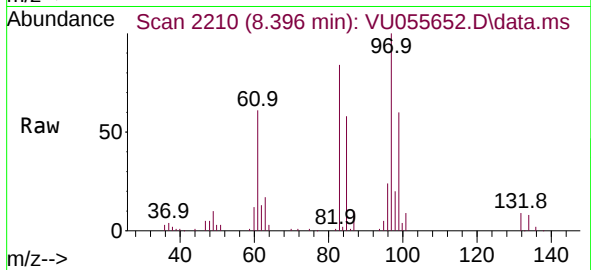




#45
1,1,2-Trichloroethane
Concen: 5.708 ug/L
RT: 8.396 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

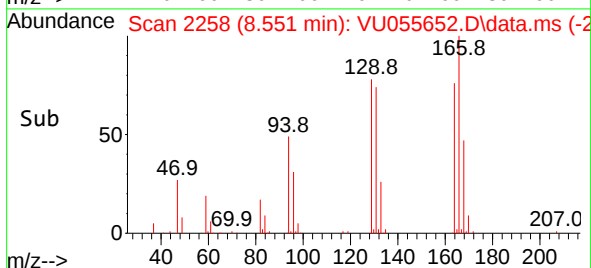
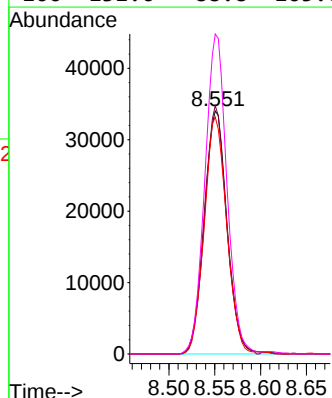
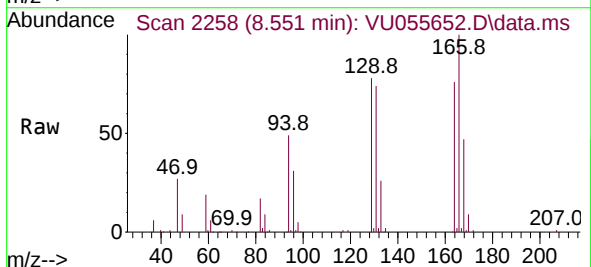
Instrument :
MSVOA_U
ClientSampleId :

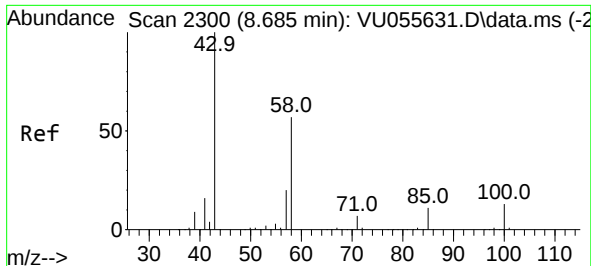
Tgt Ion:	97	Resp:	59470
Ion	Ratio	Lower	Upper
97	100		
99	59.6	44.1	81.9
83	84.0	61.5	114.1
85	57.6	39.5	73.3



#47
Tetrachloroethene
Concen: 5.102 ug/L
RT: 8.551 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

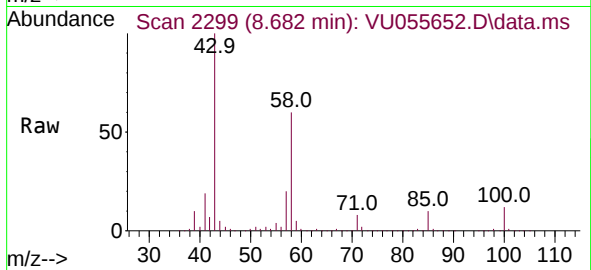
Tgt Ion:	164	Resp:	58821
Ion	Ratio	Lower	Upper
164	100		
129	102.1	67.4	125.2
131	97.5	66.4	123.2
166	131.6	88.8	165.0



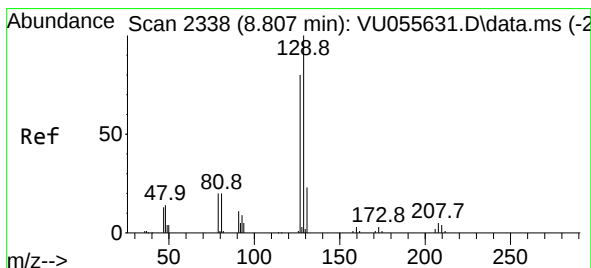
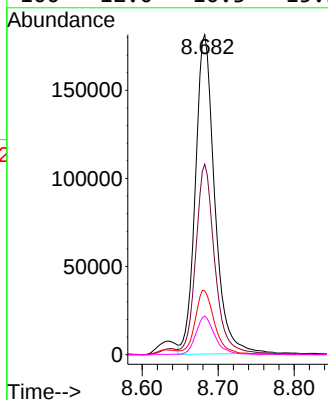
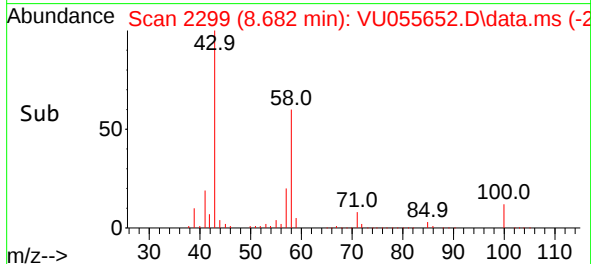


#48
2-Hexanone
Concen: 61.411 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Instrument :
MSVOA_U
ClientSampleId :

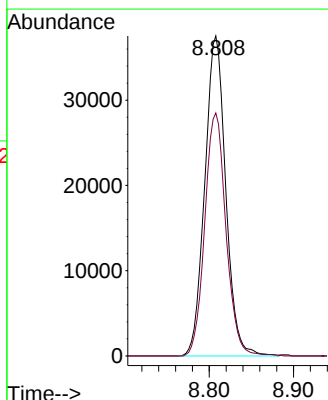
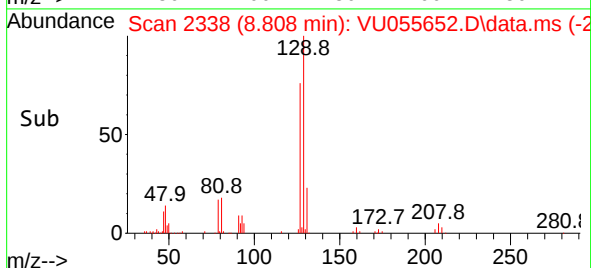
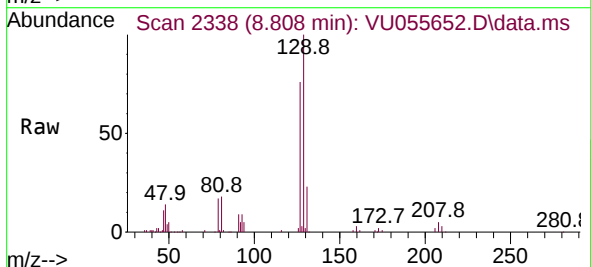


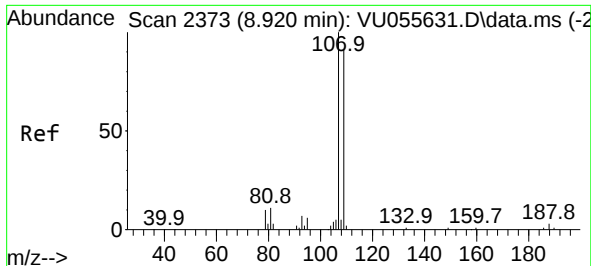
Tgt Ion: 43 Resp: 320787
Ion Ratio Lower Upper
43 100
58 59.0 48.5 72.7
57 20.1 17.0 25.4
100 12.0 10.3 15.5



#49
Dibromochloromethane
Concen: 5.948 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Tgt Ion: 129 Resp: 64955
Ion Ratio Lower Upper
129 100
127 75.9 56.8 105.6





#50

1,2-Dibromoethane

Concen: 5.629 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

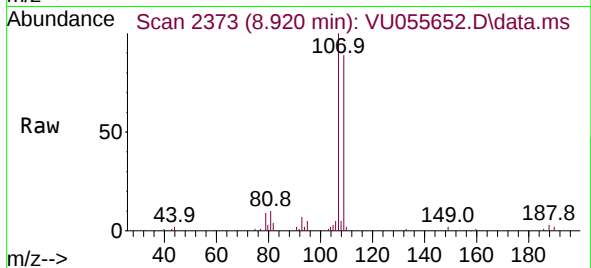
Lab File: VU055652.D

Acq: 03 Oct 2023 20:12

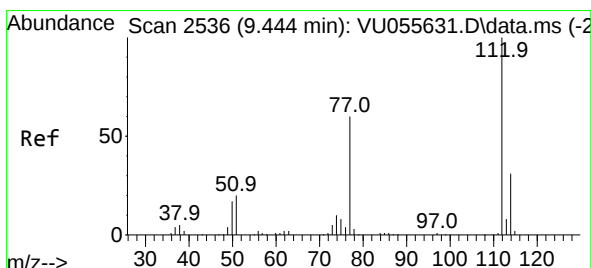
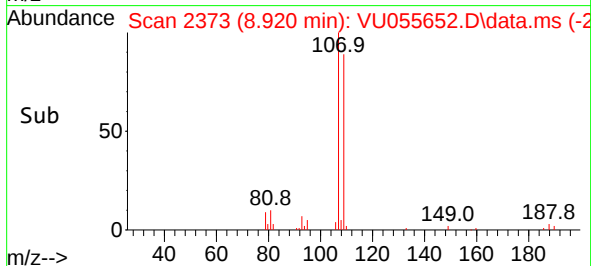
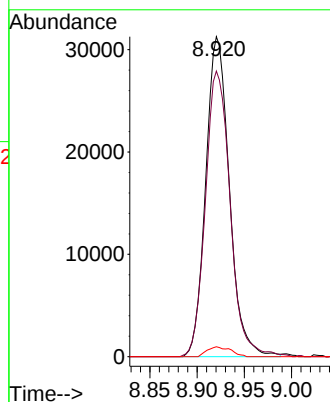
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	54426
Ion	Ratio	Lower	Upper
107	100		
109	89.2	66.1	122.8
188	3.1	3.2	4.8#



#51

Chlorobenzene

Concen: 5.153 ug/L

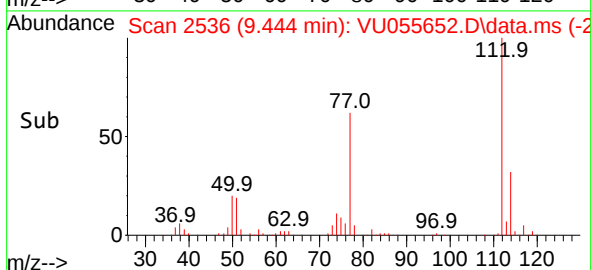
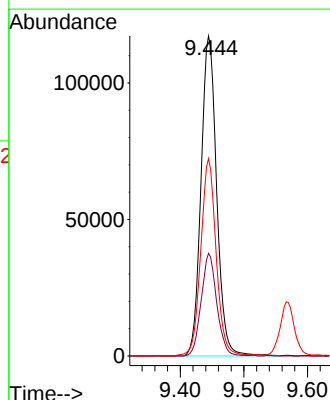
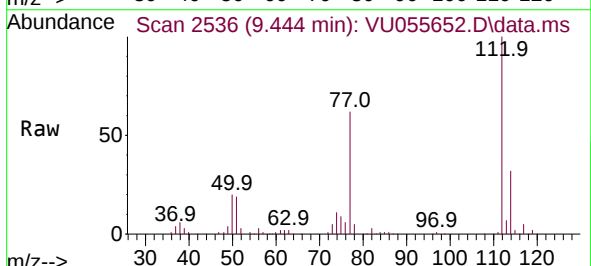
RT: 9.444 min Scan# 2536

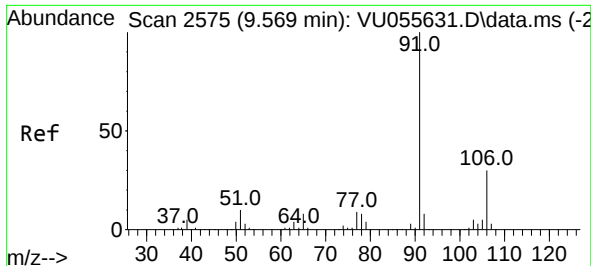
Delta R.T. 0.000 min

Lab File: VU055652.D

Acq: 03 Oct 2023 20:12

Tgt Ion:	112	Resp:	200017
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.0	40.8
77	61.7	46.9	70.3

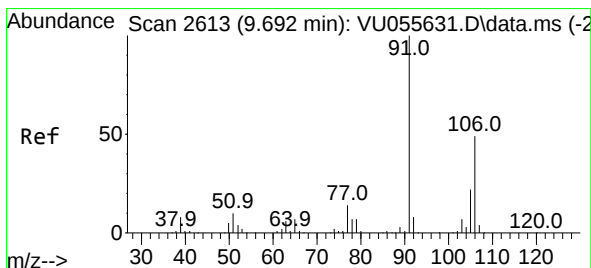
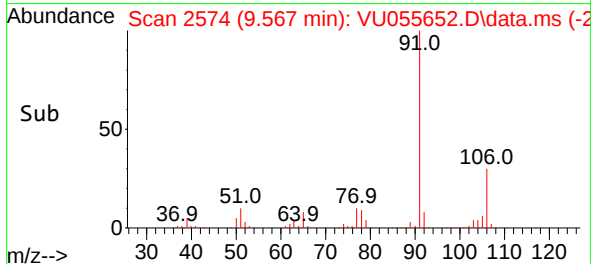
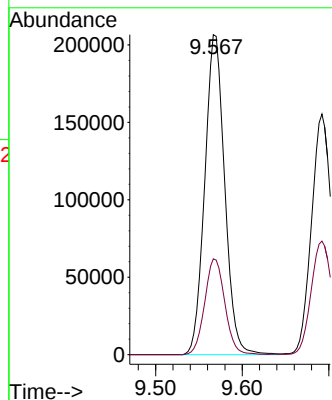
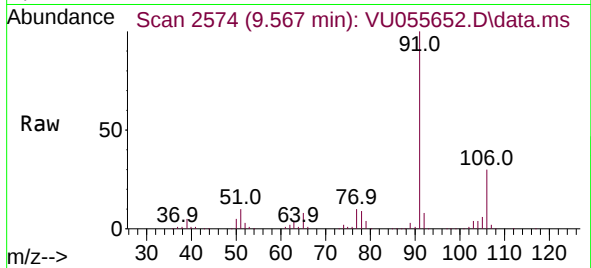




#52
Ethylbenzene
Concen: 5.093 ug/L
RT: 9.567 min Scan# 2575
Delta R.T. -0.003 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

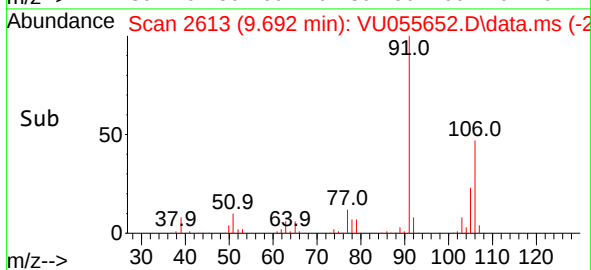
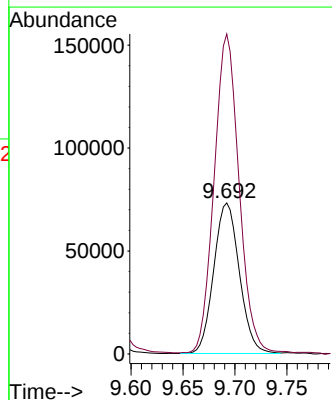
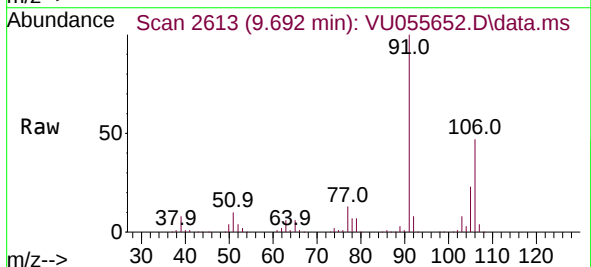
Instrument :
MSVOA_U
ClientSampleId :

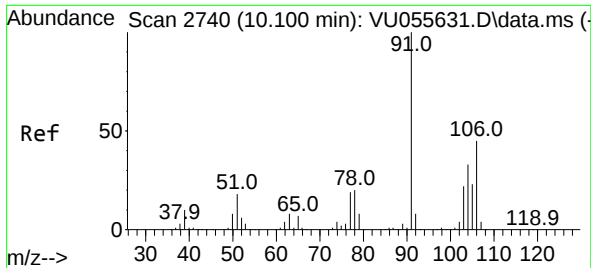
Tgt Ion: 91 Resp: 330870
Ion Ratio Lower Upper
91 100
106 29.9 22.4 41.6



#53
m,p-Xylene
Concen: 5.147 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Tgt Ion:106 Resp: 125301
Ion Ratio Lower Upper
106 100
91 211.9 144.8 269.0

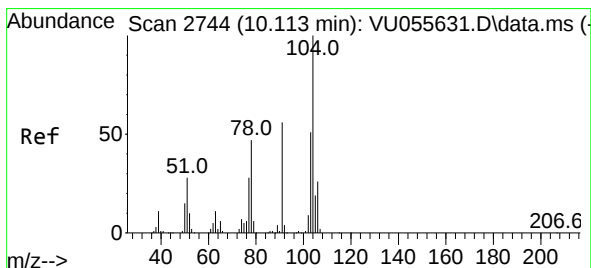
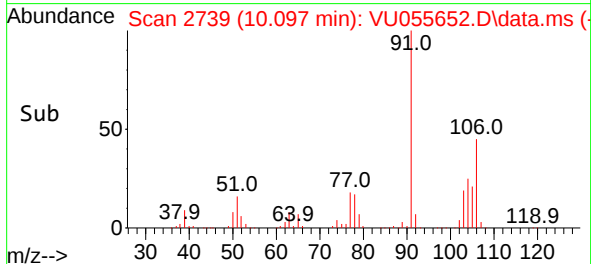
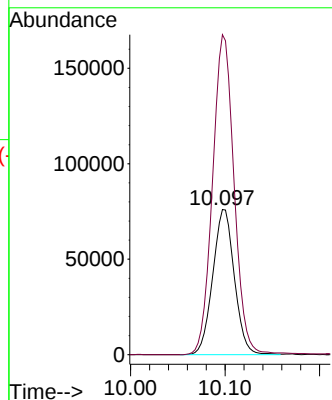
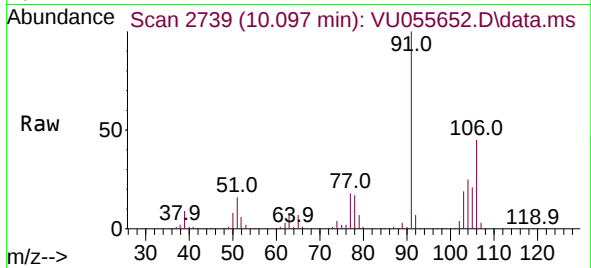




#54
o-Xylene
Concen: 5.111 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

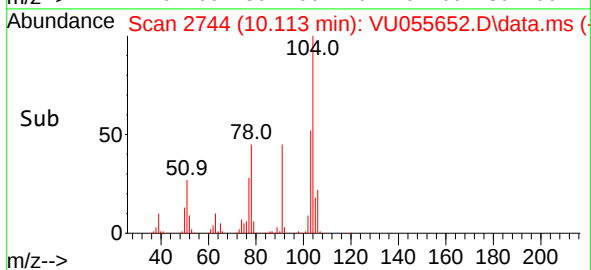
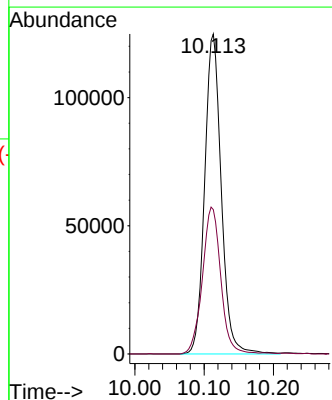
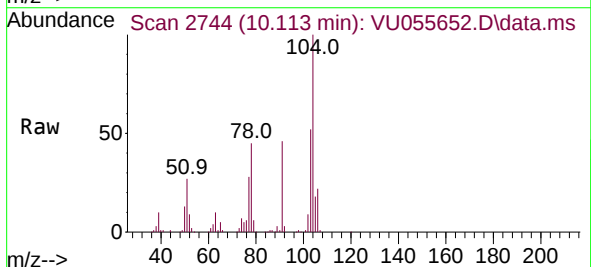
Instrument :
MSVOA_U
ClientSampleId :

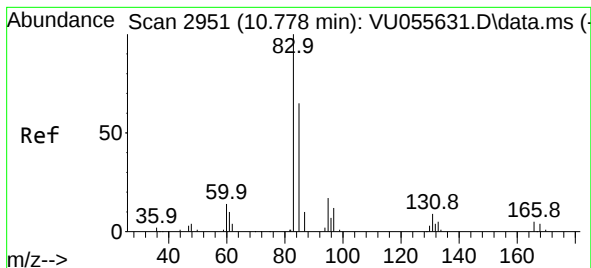
Tgt Ion:106 Resp: 120990
Ion Ratio Lower Upper
106 100
91 220.5 157.6 292.8



#55
Styrene
Concen: 5.412 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Tgt Ion:104 Resp: 207143
Ion Ratio Lower Upper
104 100
78 45.1 31.2 58.0

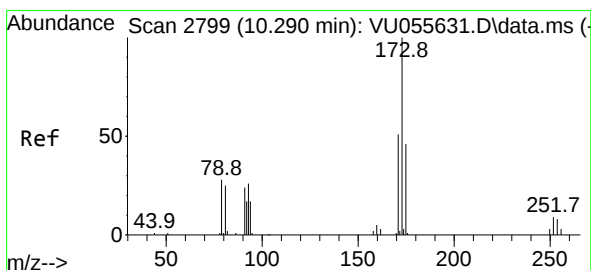
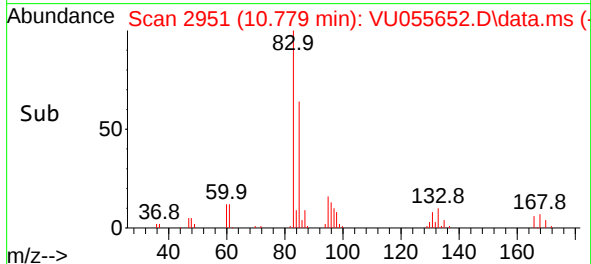
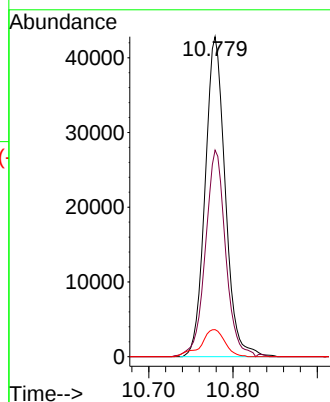
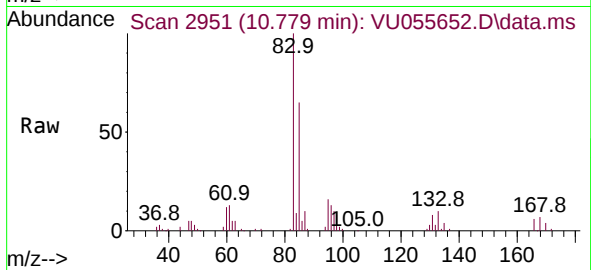




#57
 1,1,2,2-Tetrachloroethane
 Concen: 6.042 ug/L
 RT: 10.779 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

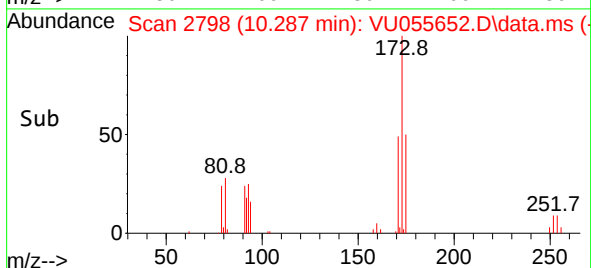
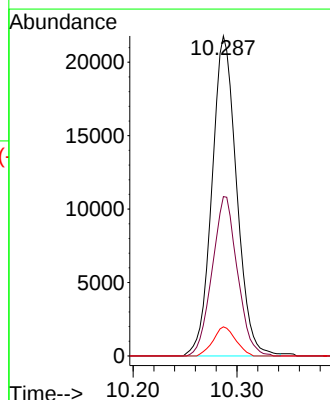
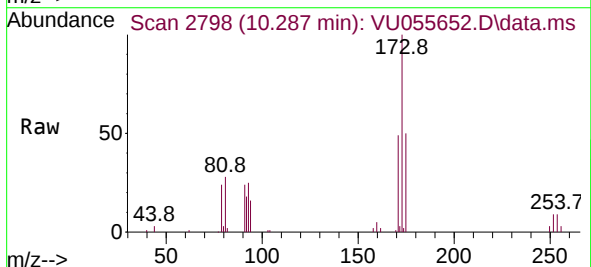
Instrument :
 MSVOA_U
 ClientSampleId :

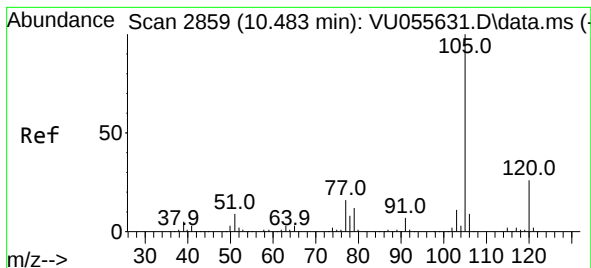
Tgt Ion: 83 Resp: 71058
 Ion Ratio Lower Upper
 83 100
 85 64.5 44.4 82.5
 131 8.4 7.4 11.2



#59
 Bromoform
 Concen: 5.688 ug/L
 RT: 10.287 min Scan# 2798
 Delta R.T. -0.003 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

Tgt Ion: 173 Resp: 35857
 Ion Ratio Lower Upper
 173 100
 175 50.9 39.4 59.2
 254 8.3 7.3 10.9





#60

Isopropylbenzene

Concen: 4.844 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU055652.D

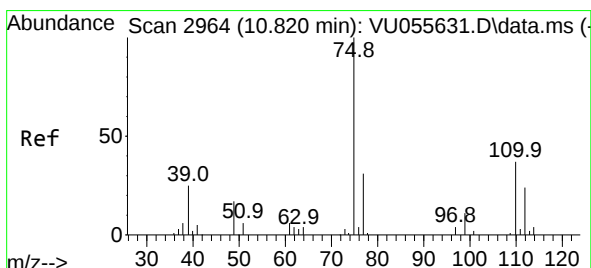
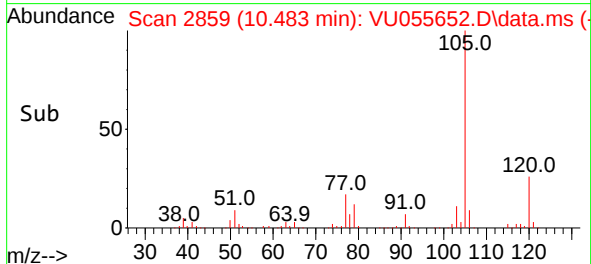
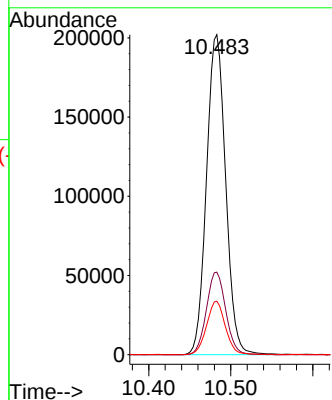
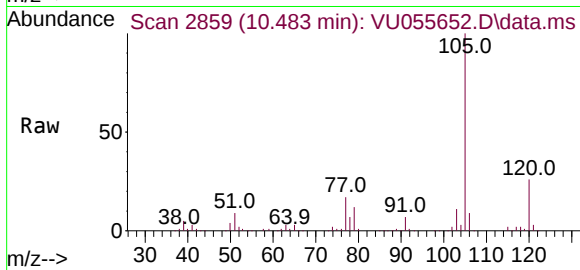
Acq: 03 Oct 2023 20:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	328306
Ion Ratio	Lower	Upper	
105	100		
120	26.0	20.8	31.2
77	16.4	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 5.533 ug/L

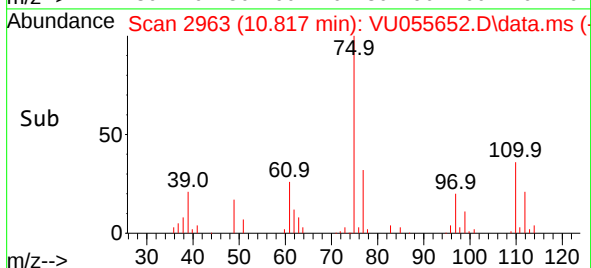
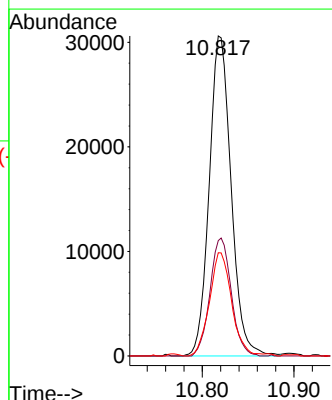
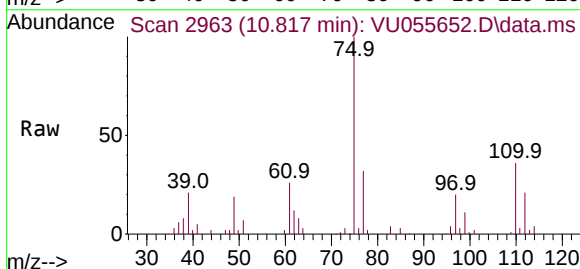
RT: 10.817 min Scan# 2963

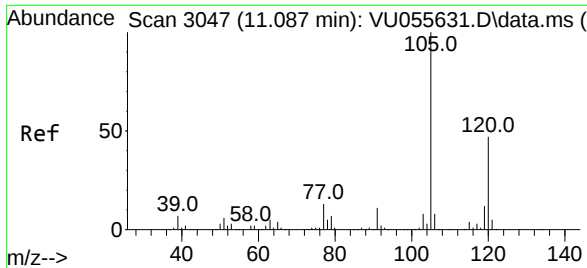
Delta R.T. -0.003 min

Lab File: VU055652.D

Acq: 03 Oct 2023 20:12

Tgt Ion:	75	Resp:	50798
Ion Ratio	Lower	Upper	
75	100		
110	35.7	30.6	45.8
77	32.9	26.7	40.1

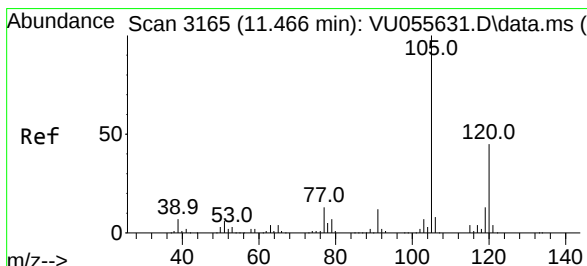
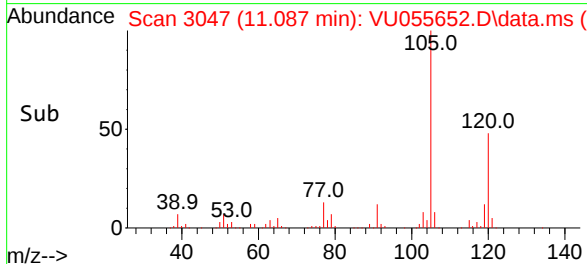
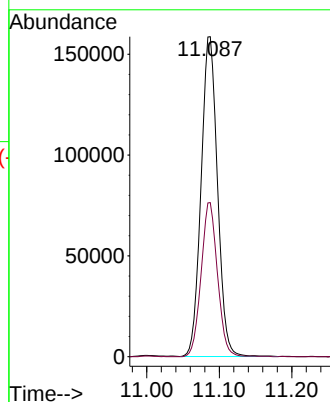
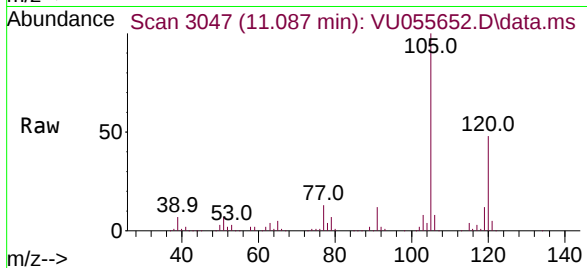




#62
 1,3,5-Trimethylbenzene
 Concen: 4.595 ug/L
 RT: 11.087 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

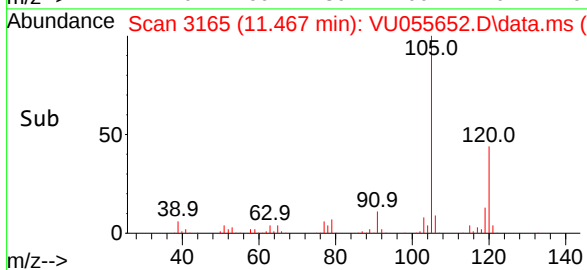
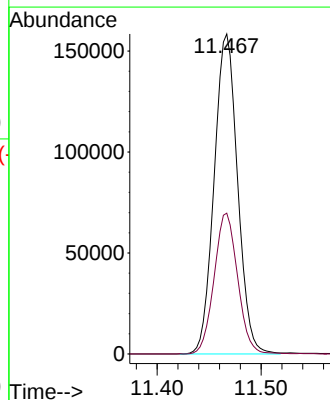
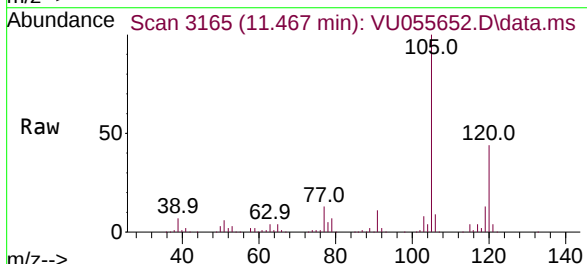
Instrument :
 MSVOA_U
 ClientSampleId :

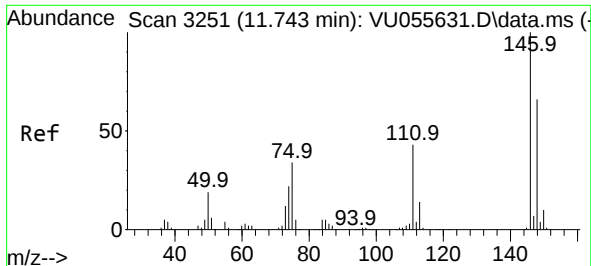
Tgt Ion:105 Resp: 249098
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.676 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

Tgt Ion:105 Resp: 248074
 Ion Ratio Lower Upper
 105 100
 120 44.2 34.9 52.3

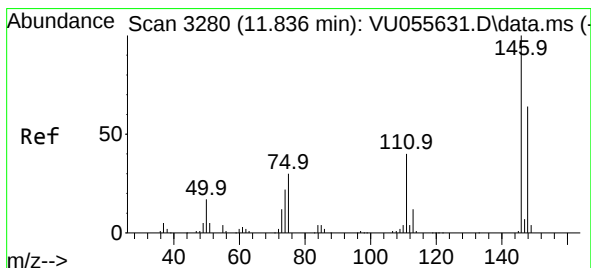
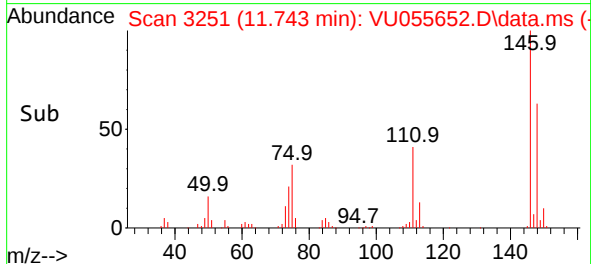
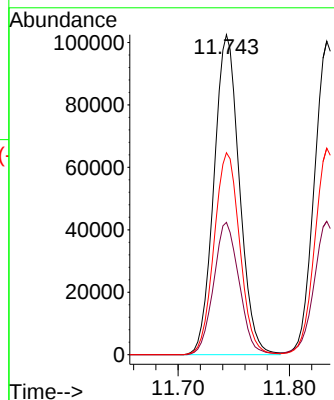
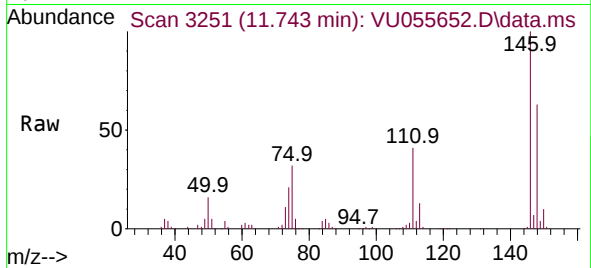




#64
1,3-Dichlorobenzene
Concen: 5.010 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

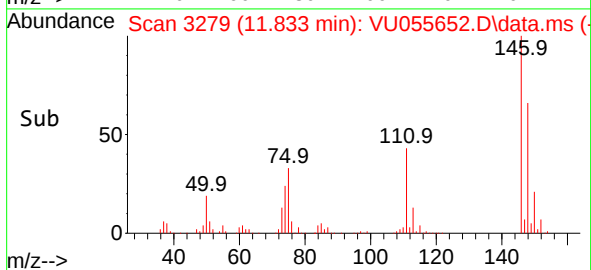
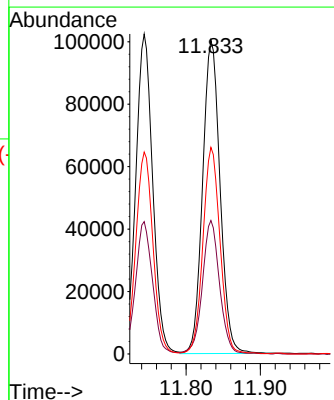
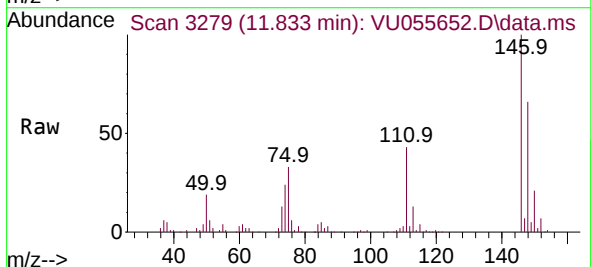
Instrument :
MSVOA_U
ClientSampleId :

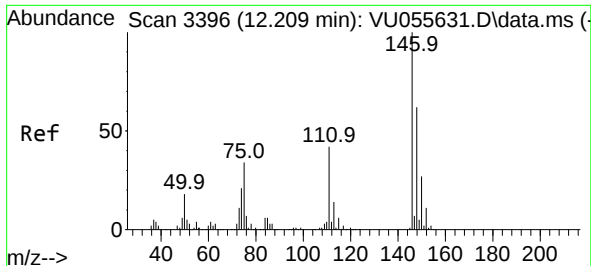
Tgt Ion:146 Resp: 162598
Ion Ratio Lower Upper
146 100
111 41.3 28.8 53.6
148 63.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.043 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Tgt Ion:146 Resp: 163561
Ion Ratio Lower Upper
146 100
111 42.6 29.0 53.8
148 65.9 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 5.129 ug/L

RT: 12.210 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU055652.D

Acq: 03 Oct 2023 20:12

Instrument :

MSVOA_U

ClientSampleId :

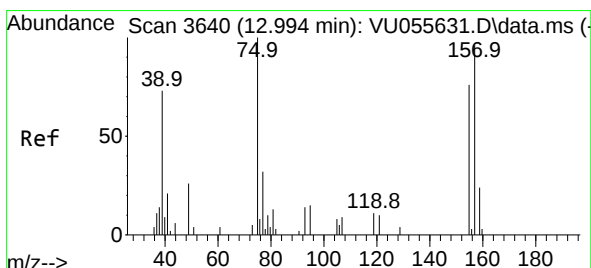
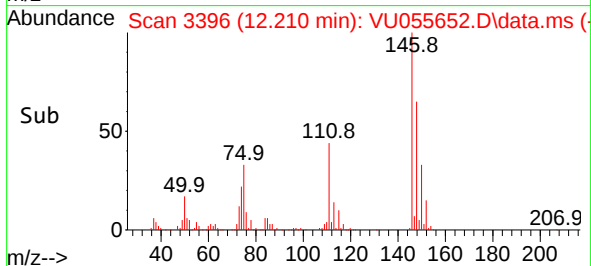
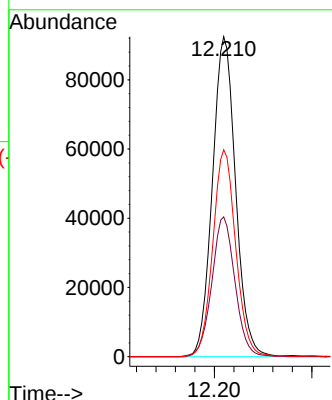
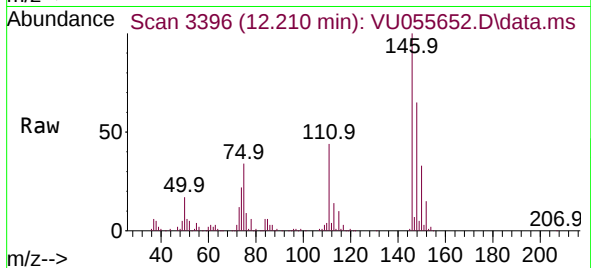
Tgt Ion:146 Resp: 152618

Ion Ratio Lower Upper

146 100

111 43.7 34.6 52.0

148 64.7 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 6.329 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055652.D

Acq: 03 Oct 2023 20:12

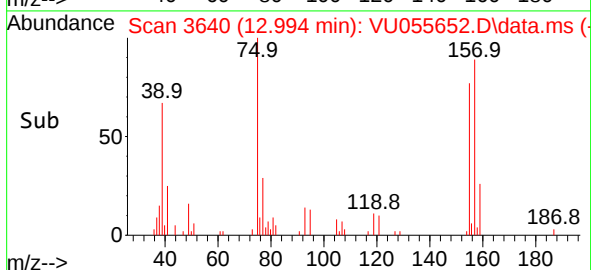
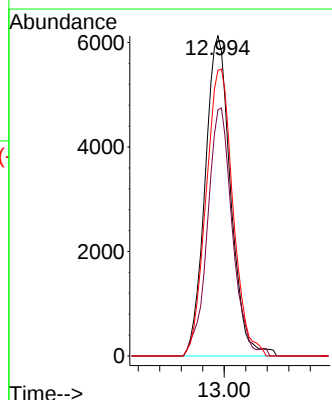
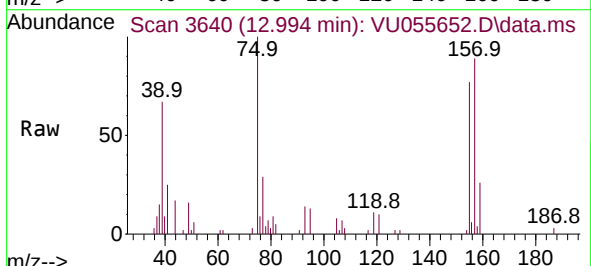
Tgt Ion: 75 Resp: 10072

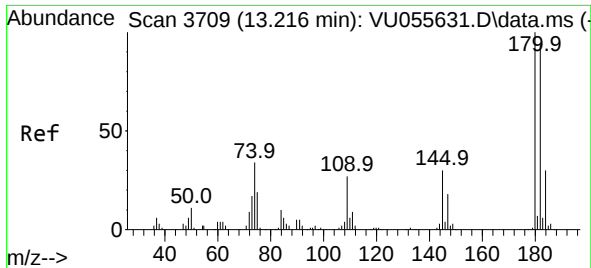
Ion Ratio Lower Upper

75 100

155 76.9 69.2 103.8

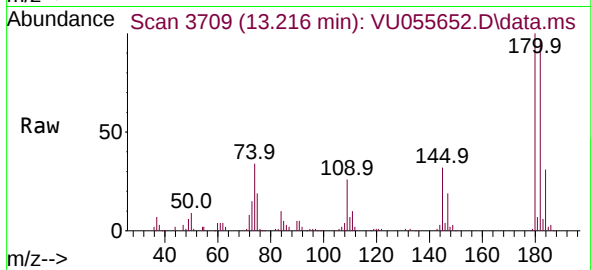
157 89.3 81.9 122.9



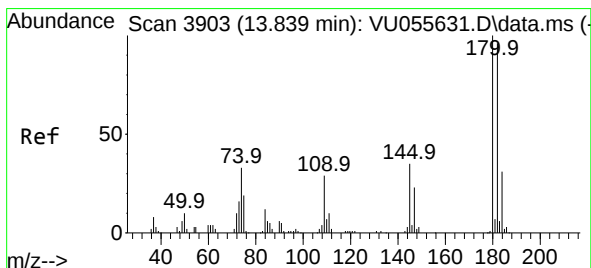
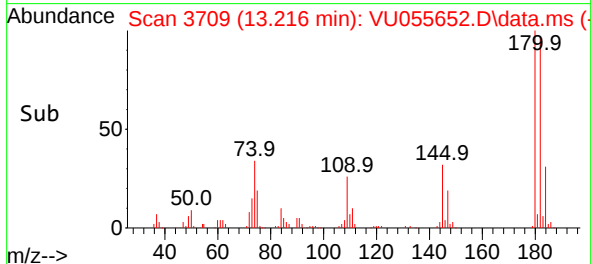
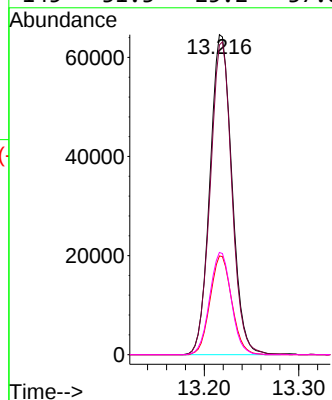


#69
 1,3,5-Trichlorobenzene
 Concen: 4.659 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

Instrument :
 MSVOA_U
 ClientSampleId :

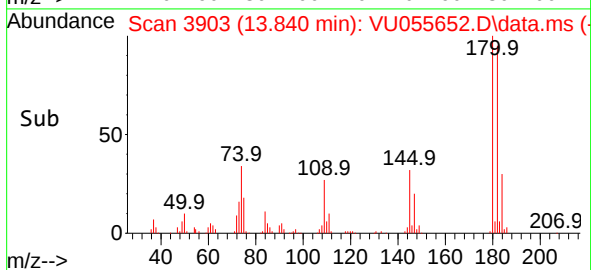
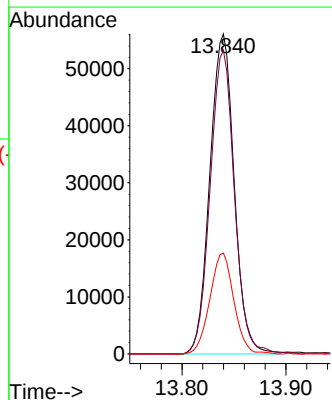
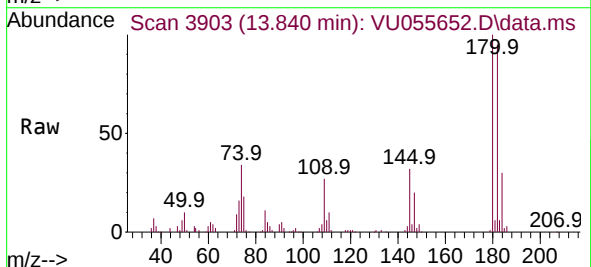


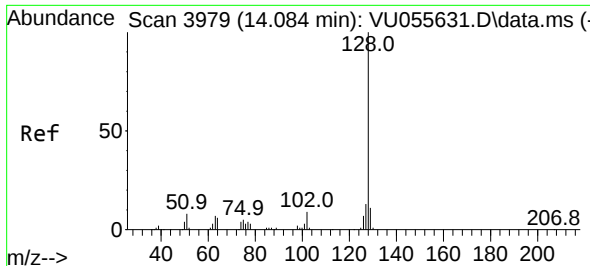
Tgt Ion:180 Resp: 104111
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.1 115.7
 184 30.5 24.0 36.0
 145 31.3 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.354 ug/L
 RT: 13.840 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055652.D
 Acq: 03 Oct 2023 20:12

Tgt Ion:180 Resp: 91221
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.4 114.6
 145 31.1 25.4 38.0

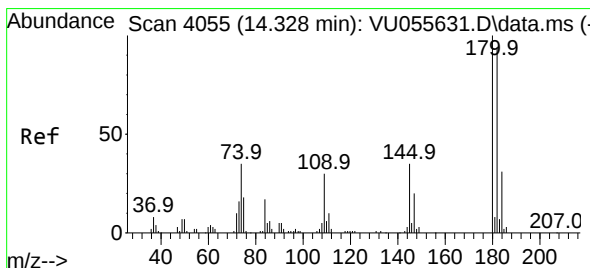
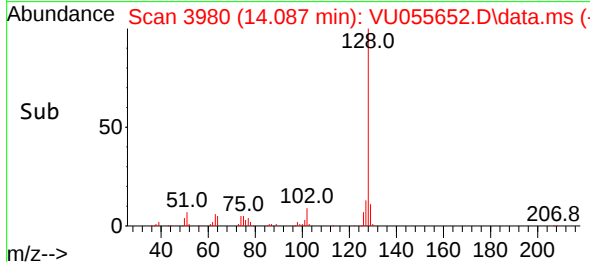
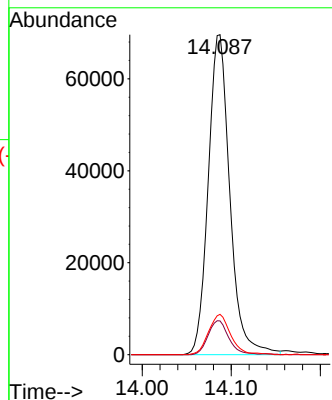
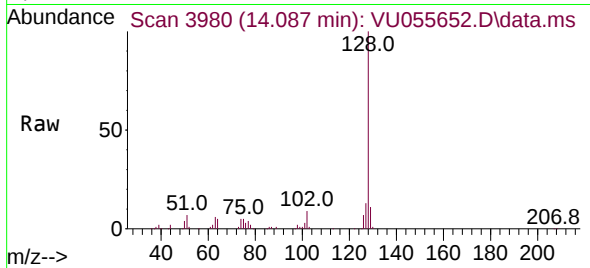




#71
Naphthalene
Concen: 4.749 ug/L
RT: 14.087 min Scan# 3979
Delta R.T. 0.004 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 117149
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.935 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.000 min
Lab File: VU055652.D
Acq: 03 Oct 2023 20:12

Tgt Ion:180 Resp: 73170
Ion Ratio Lower Upper
180 100
182 94.1 76.2 114.4
145 33.6 26.0 39.0

