

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055394.D
 Acq On : 19 Sep 2023 15:57
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 06:01:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 05:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	292262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	292726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	161543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	133297	4.513	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.907	69	125825	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.560	65	55288	4.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.631	46	264007	49.482	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.960%
24) Chloroform-d	5.058	84	255703	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	121786	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.724	84	506761	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.689	67	148982	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.894	98	469518	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.177	79	56266	5.241	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.634	63	180869	55.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.780%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115594	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	167686	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	130568	4.589	ug/L	99
3) Chloromethane	1.518	50	111868	4.469	ug/L	100
5) Vinyl chloride	1.602	62	121929	4.515	ug/L	97
6) Bromomethane	1.856	94	80602	4.699	ug/L	97
8) Chloroethane	1.930	64	84918	4.819	ug/L	99
9) Trichlorofluoromethane	2.129	101	177489	4.740	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	103374	4.536	ug/L	100
12) 1,1-Dichloroethene	2.573	96	96355	4.715	ug/L	99
13) Acetone	2.644	43	138782	45.632	ug/L	99
14) Carbon disulfide	2.785	76	288148	4.691	ug/L	98
15) Methyl Acetate	2.952	43	30529	4.403	ug/L	98
16) Methylene chloride	3.039	84	116119	4.743	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	209071	4.716	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	95790	4.651	ug/L	99
19) 1,1-Dichloroethane	3.862	63	176683	4.639	ug/L	97
21) 2-Butanone	4.711	43	218726	49.035	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	108625	4.549	ug/L	98
23) Bromochloromethane	4.968	128	46104	4.568	ug/L	97
25) Chloroform	5.084	83	186927	4.635	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055394.D
 Acq On : 19 Sep 2023 15:57
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

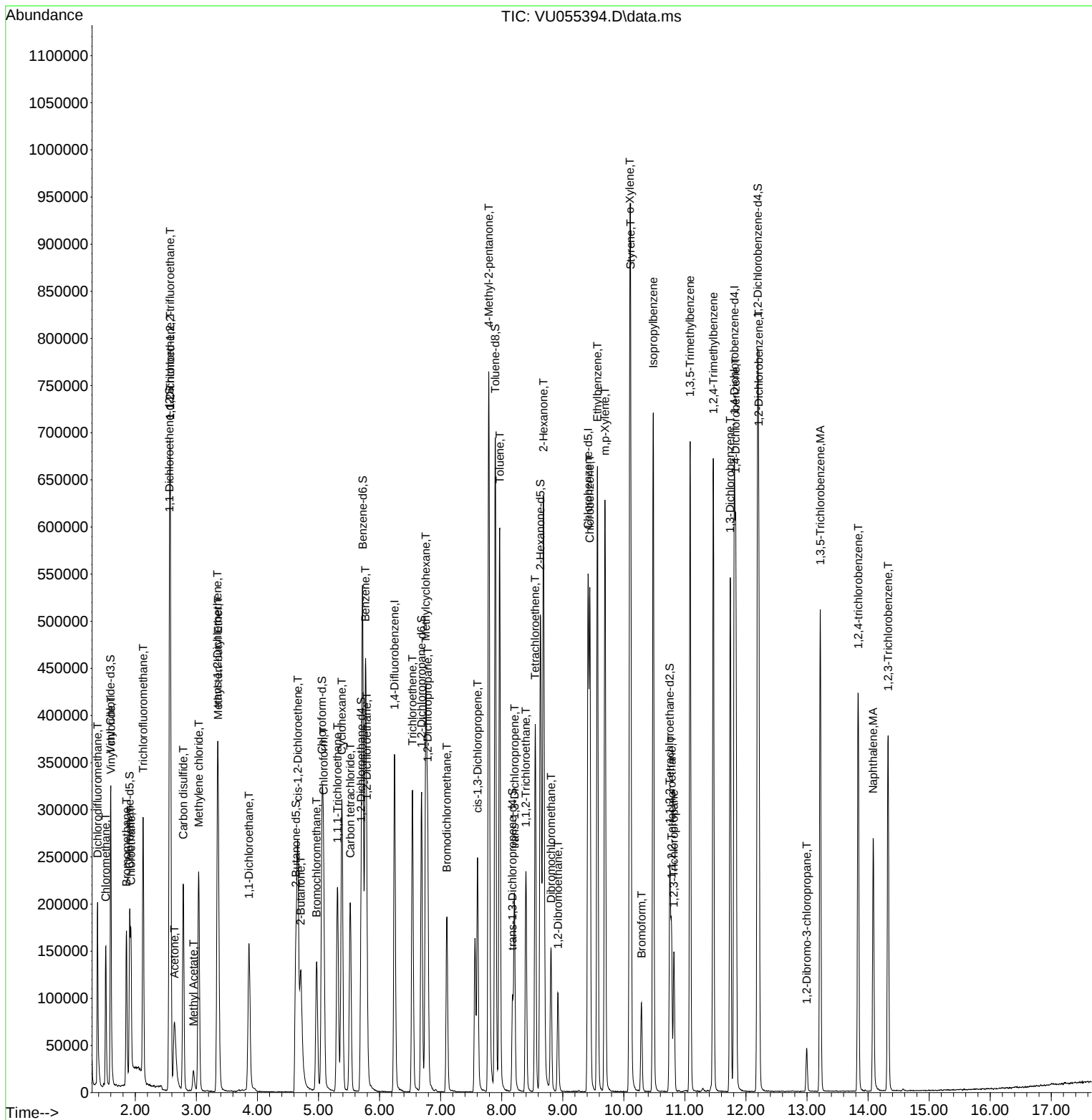
Instrument :
 MSVOA_U
 ClientSampleId :

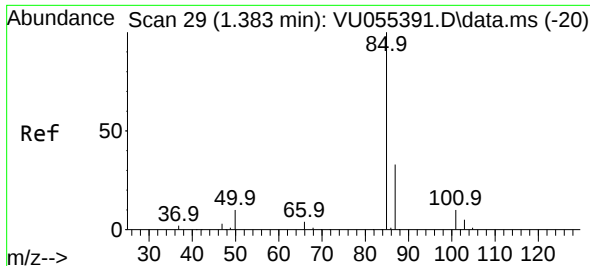
Quant Time: Sep 20 06:01:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 05:54:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	112419	4.545	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	160875	4.821	ug/L	99
30) Cyclohexane	5.383	56	152122	4.980	ug/L	99
31) Carbon tetrachloride	5.521	117	138187	4.831	ug/L	98
33) Benzene	5.769	78	408285	4.846	ug/L	100
34) Trichloroethene	6.541	95	110568	4.639	ug/L	99
35) Methylcyclohexane	6.759	83	166798	4.859	ug/L	99
37) 1,2-Dichloropropane	6.788	63	104600	4.747	ug/L	99
38) Bromodichloromethane	7.103	83	123549	4.785	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	148908	5.063	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	498561	49.880	ug/L	99
42) Toluene	7.968	91	439598	4.892	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	119206	5.066	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	74140	4.799	ug/L	97
47) Tetrachloroethene	8.550	164	83798	4.902	ug/L	99
48) 2-Hexanone	8.685	43	411561	53.129	ug/L	98
49) Dibromochloromethane	8.807	129	78368	4.839	ug/L	96
50) 1,2-Dibromoethane	8.923	107	69204	4.827	ug/L #	98
51) Chlorobenzene	9.444	112	273000	4.743	ug/L	98
52) Ethylbenzene	9.569	91	467074	4.848	ug/L	98
53) m,p-Xylene	9.692	106	181192	5.018	ug/L	97
54) o-Xylene	10.100	106	175709	5.006	ug/L	92
55) Styrene	10.113	104	289829	5.106	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.782	83	84366	4.837	ug/L	99
59) Bromoform	10.290	173	42329	4.889	ug/L	99
60) Isopropylbenzene	10.483	105	469299	5.041	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	60597	4.805	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	375221	5.040	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	370319	5.081	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	220666	4.950	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	222632	4.997	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	205342	5.025	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11652	5.331	ug/L	97
69) 1,3,5-Trichlorobenzene	13.219	180	153629	5.005	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	126571	5.408	ug/L	99
71) Naphthalene	14.084	128	220546	6.510	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	114036	5.600	ug/L	98

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

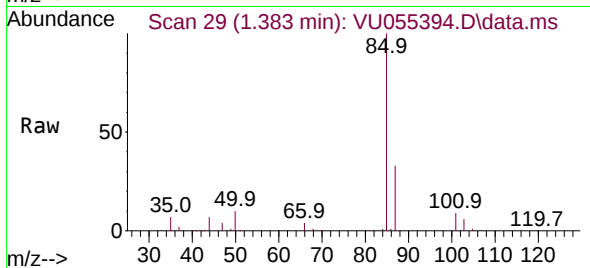
Quant Time: Sep 20 06:01:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 20 05:54:53 2023
Response via : Initial Calibration



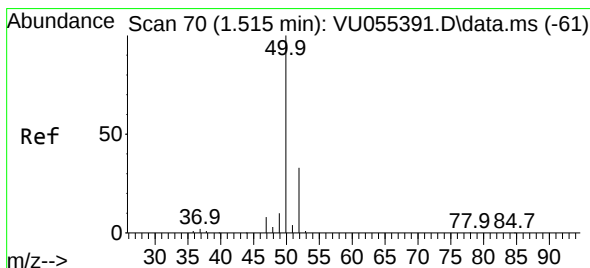
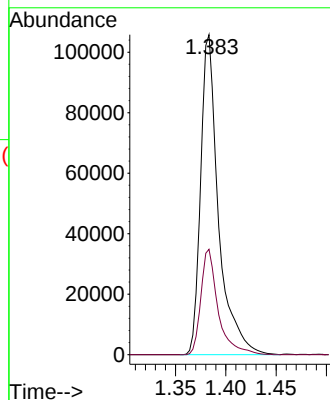
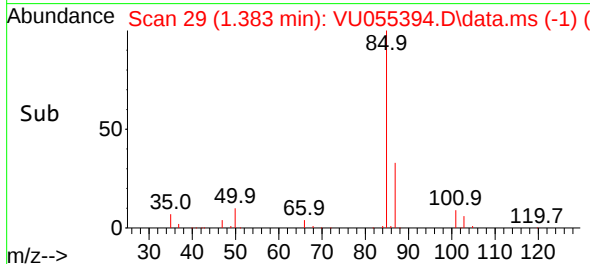


#2
 Dichlorodifluoromethane
 Concen: 4.589 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055394.D
 Acq: 19 Sep 2023 15:57

Instrument :
 MSVOA_U
 ClientSampleId :

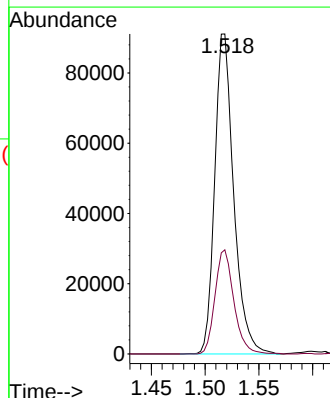
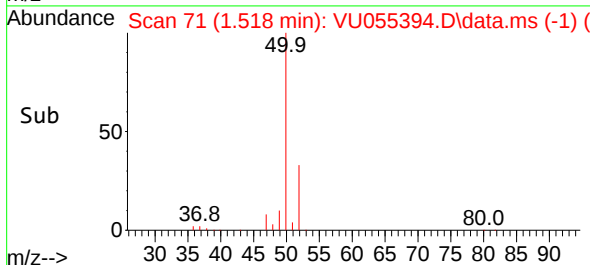
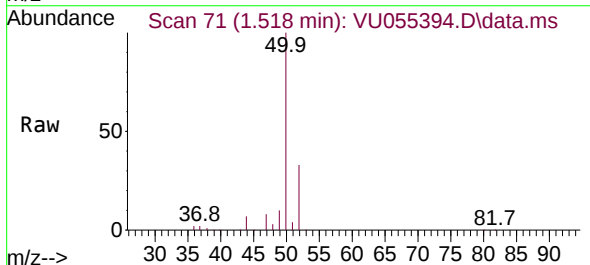


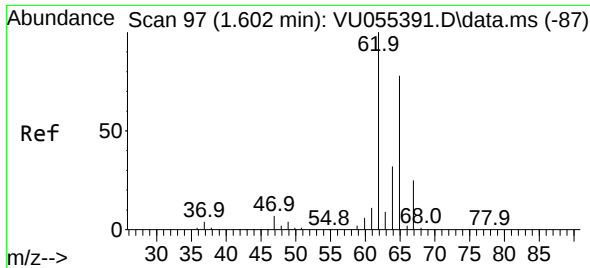
Tgt Ion: 85 Resp: 130568
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 4.469 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055394.D
 Acq: 19 Sep 2023 15:57

Tgt Ion: 50 Resp: 111868
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.9 42.5

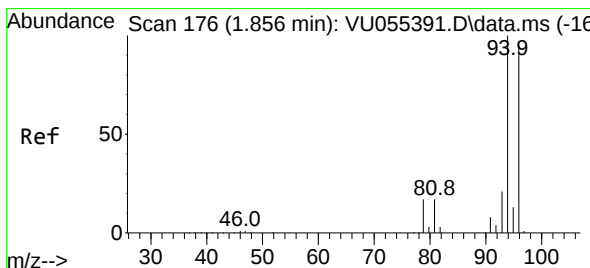
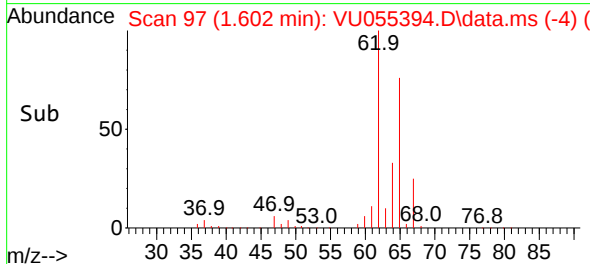
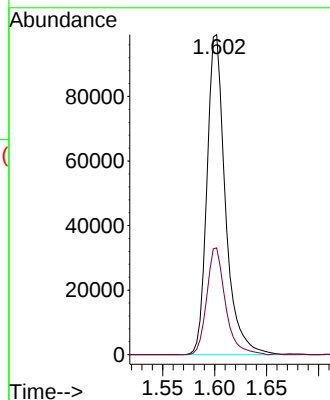
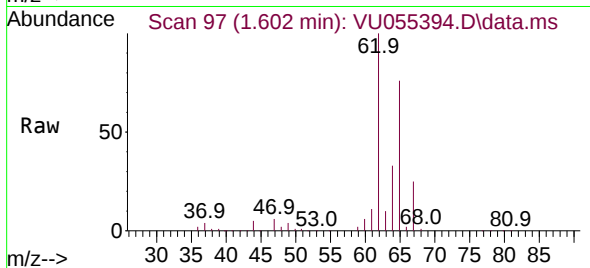




#5
 Vinyl chloride
 Concen: 4.515 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055394.D
 Acq: 19 Sep 2023 15:57

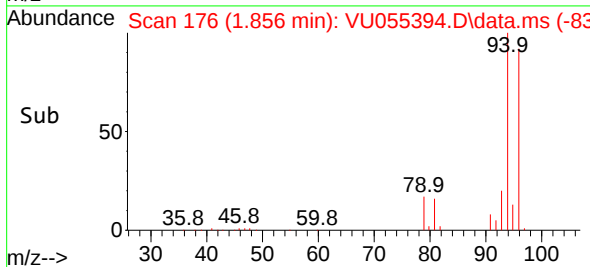
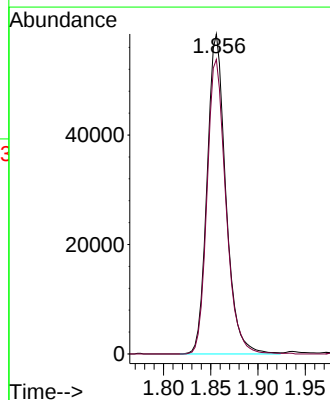
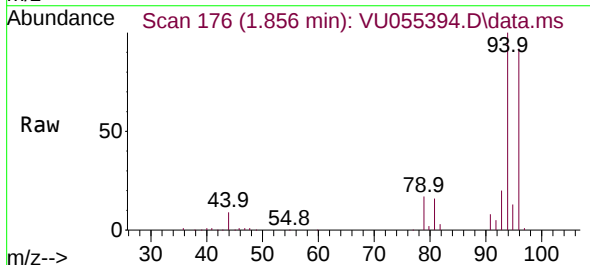
Instrument :
 MSVOA_U
 ClientSampleId :

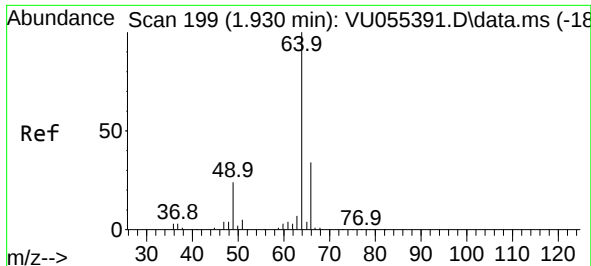
Tgt Ion: 62 Resp: 121929
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.3 41.5



#6
 Bromomethane
 Concen: 4.699 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055394.D
 Acq: 19 Sep 2023 15:57

Tgt Ion: 94 Resp: 80602
 Ion Ratio Lower Upper
 94 100
 96 92.1 66.4 123.2

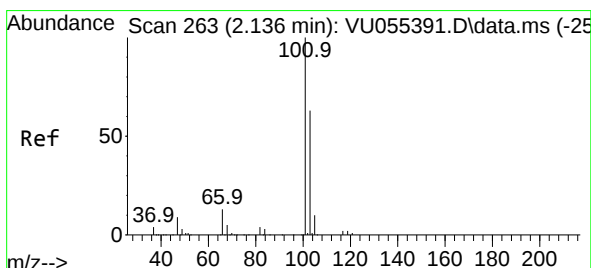
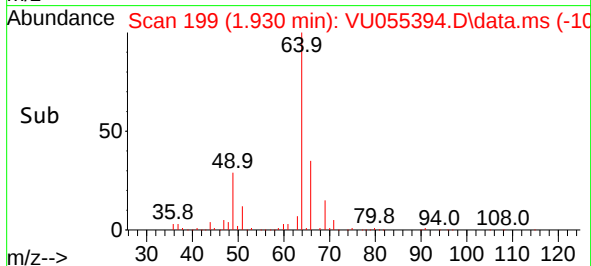
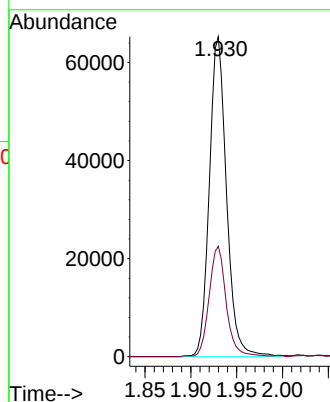
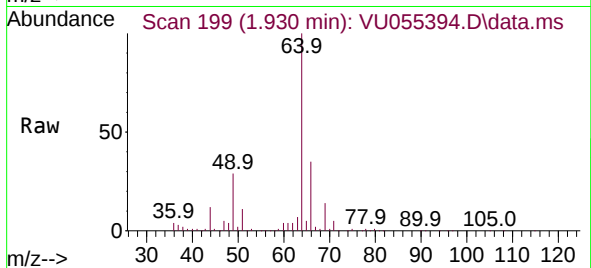




#8
Chloroethane
Concen: 4.819 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

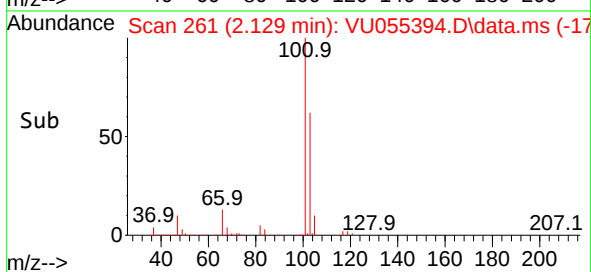
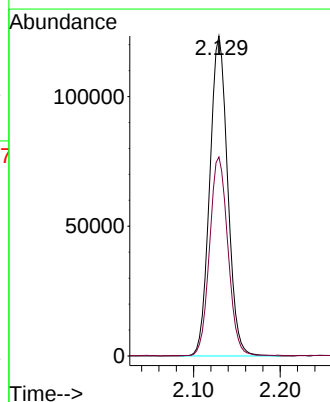
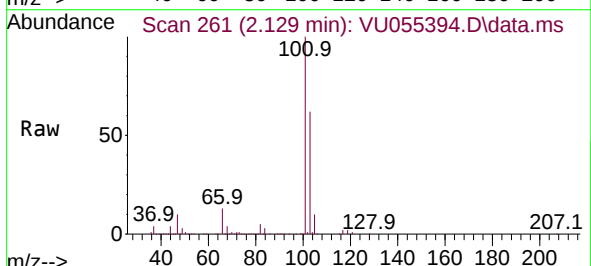
Instrument :
MSVOA_U
ClientSampleId :

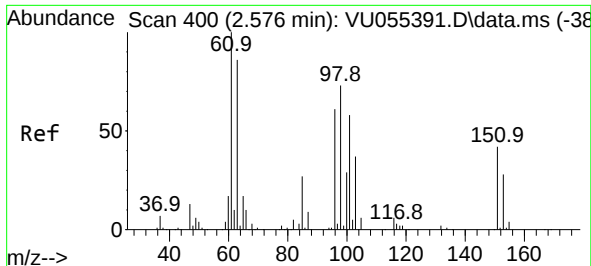
Tgt Ion: 64 Resp: 84918
Ion Ratio Lower Upper
64 100
66 34.5 23.7 44.1



#9
Trichlorofluoromethane
Concen: 4.740 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.007 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

Tgt Ion:101 Resp: 177489
Ion Ratio Lower Upper
101 100
103 63.0 52.0 78.0

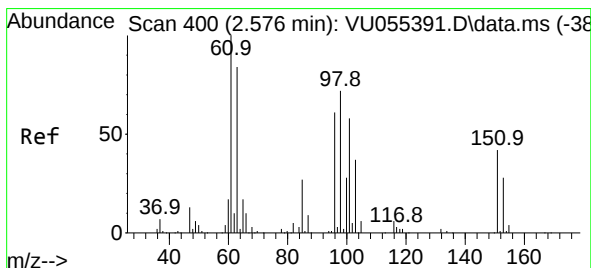
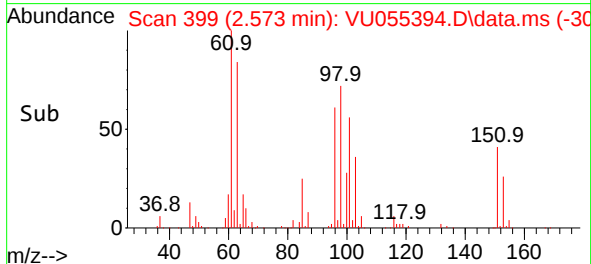
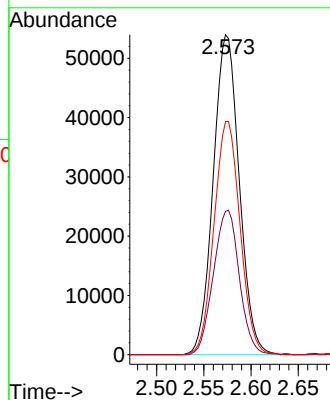
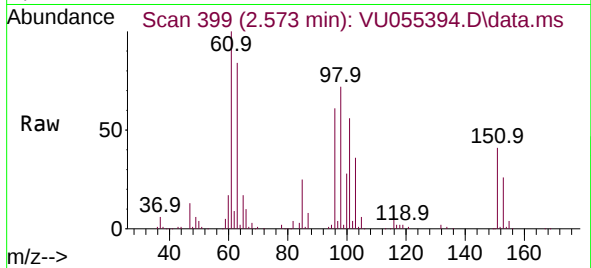




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.536 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU055394.D
 Acq: 19 Sep 2023 15:57

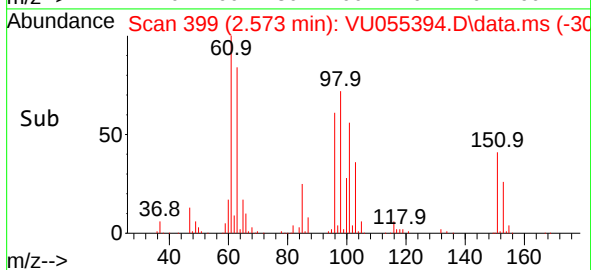
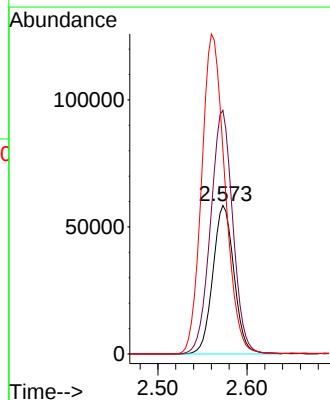
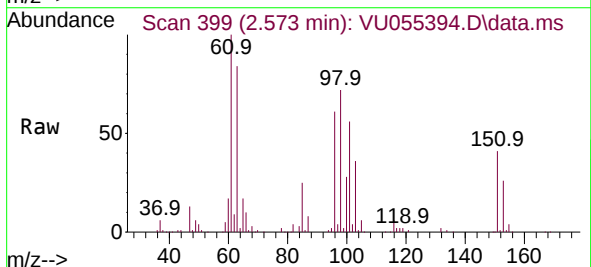
Instrument :
 MSVOA_U
 ClientSampleId :

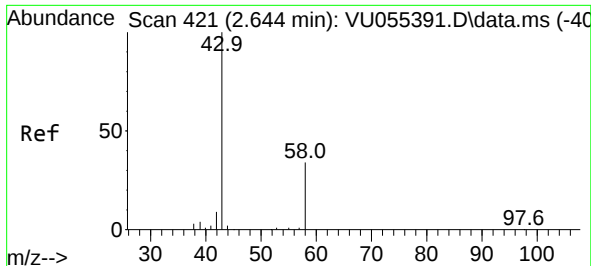
Tgt Ion:101 Resp: 103374
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.8 53.6
 151 73.0 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.715 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU055394.D
 Acq: 19 Sep 2023 15:57

Tgt Ion: 96 Resp: 96355
 Ion Ratio Lower Upper
 96 100
 61 164.0 114.5 212.7
 63 137.7 98.3 182.5





#13

Acetone

Concen: 45.632 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

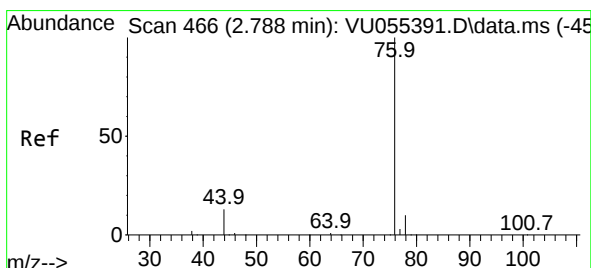
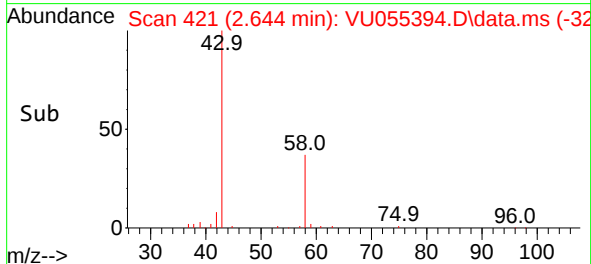
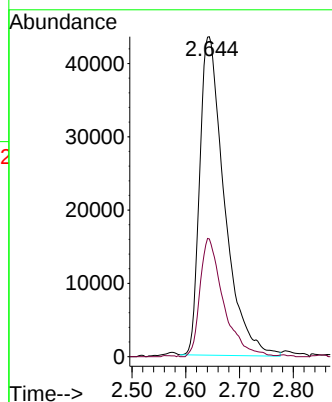
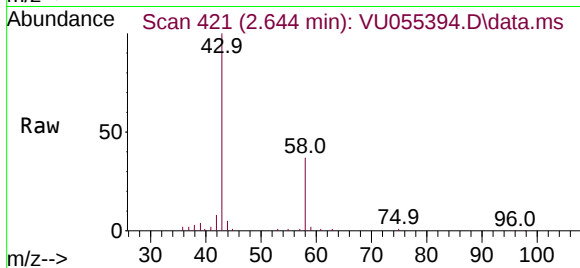
ClientSampleId :

Tgt Ion: 43 Resp: 138782

Ion Ratio Lower Upper

43 100

58 35.3 0.0 72.2



#14

Carbon disulfide

Concen: 4.691 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU055394.D

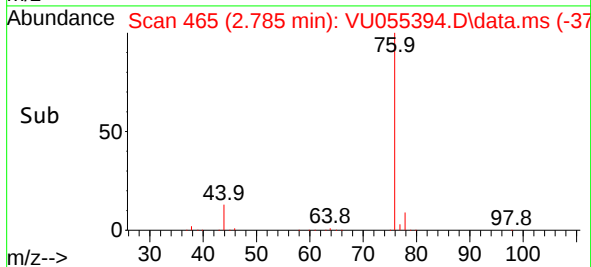
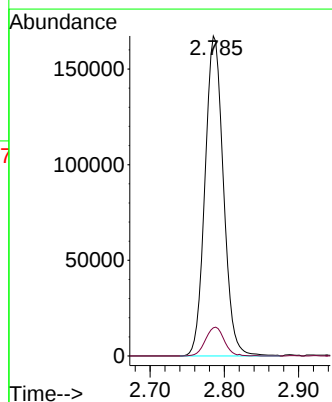
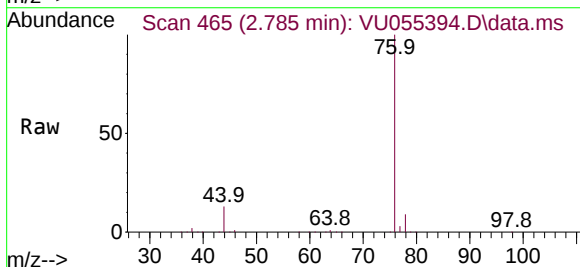
Acq: 19 Sep 2023 15:57

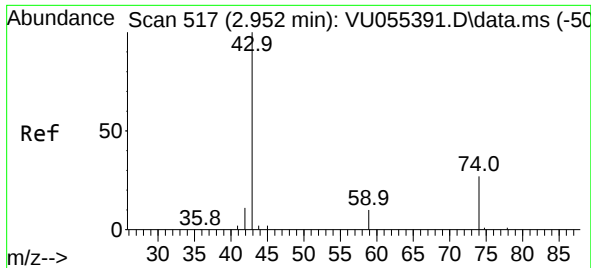
Tgt Ion: 76 Resp: 288148

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5

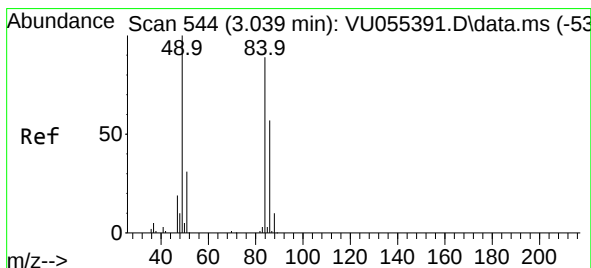
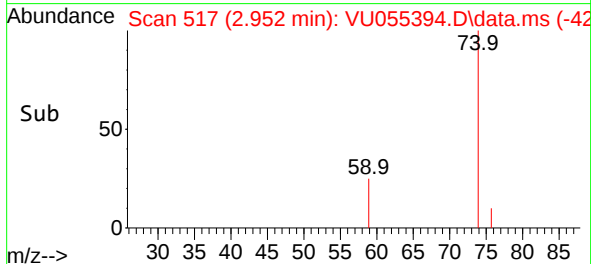
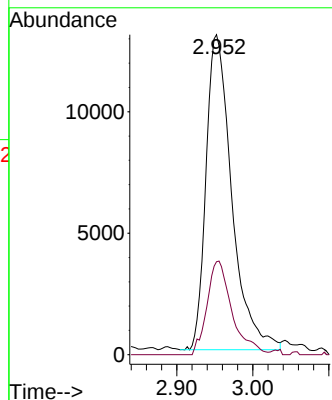
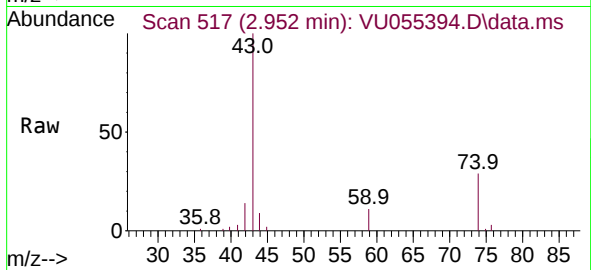




#15
Methyl Acetate
Concen: 4.403 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

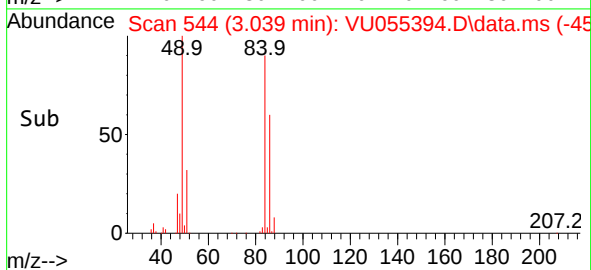
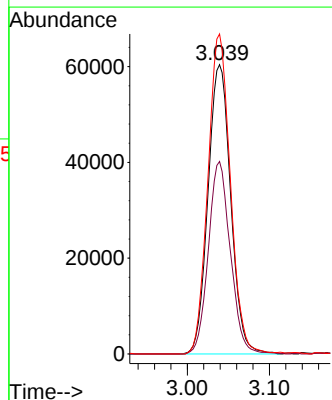
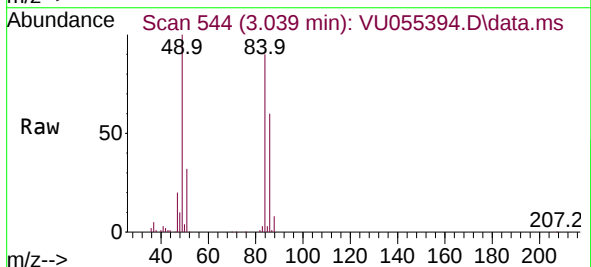
Instrument :
MSVOA_U
ClientSampleId :

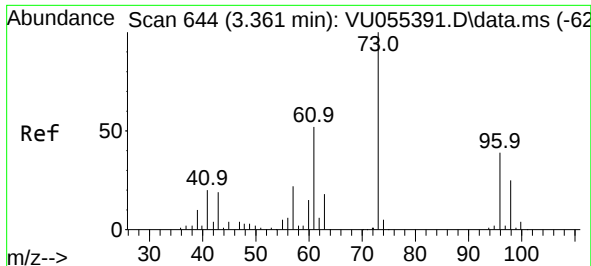
Tgt Ion: 43 Resp: 30529
Ion Ratio Lower Upper
43 100
74 28.8 22.3 33.5



#16
Methylene chloride
Concen: 4.743 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

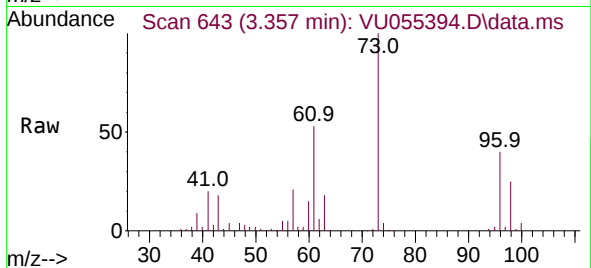
Tgt Ion: 84 Resp: 116119
Ion Ratio Lower Upper
84 100
86 66.5 44.9 83.3
49 110.6 78.8 146.3





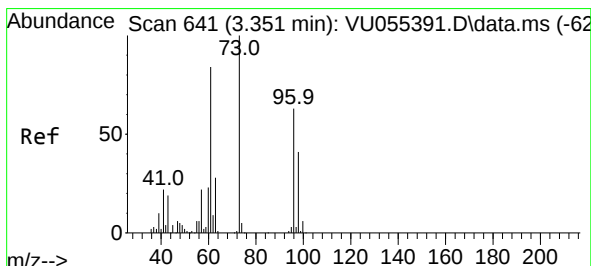
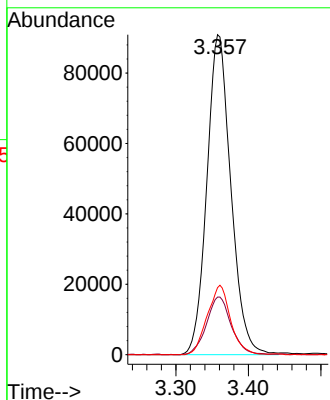
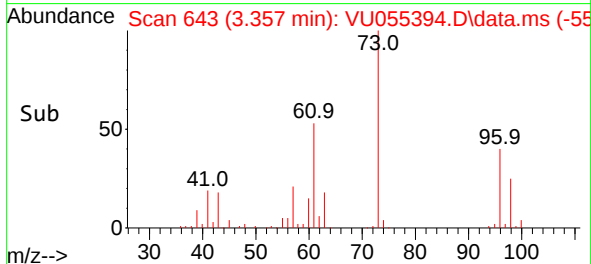
#17
Methyl tert-butyl Ether
Concen: 4.716 ug/L
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :

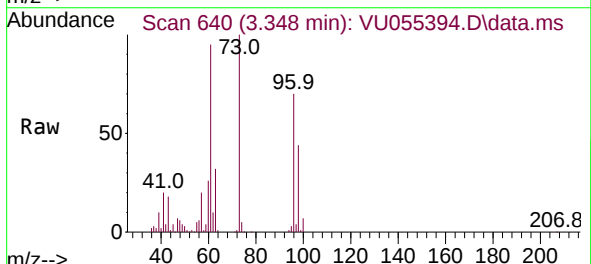


Tgt Ion: 73 Resp: 209071

Ion	Ratio	Lower	Upper
73	100		
43	18.6	14.9	22.3
57	21.0	17.3	25.9

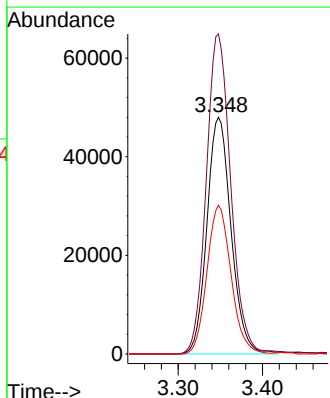
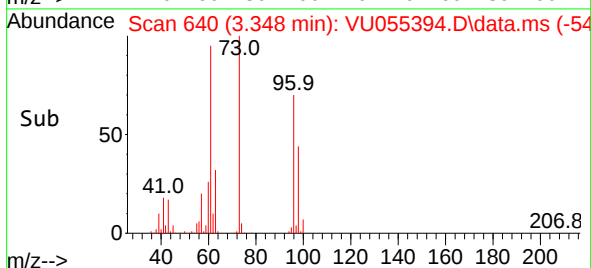


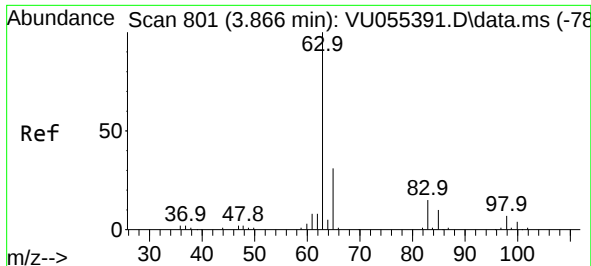
#18
trans-1,2-Dichloroethene
Concen: 4.651 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57



Tgt Ion: 96 Resp: 95790

Ion	Ratio	Lower	Upper
96	100		
61	135.1	94.6	175.6
98	62.8	45.7	84.9





#19

1,1-Dichloroethane

Concen: 4.639 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

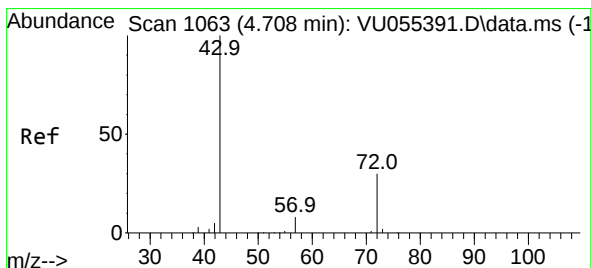
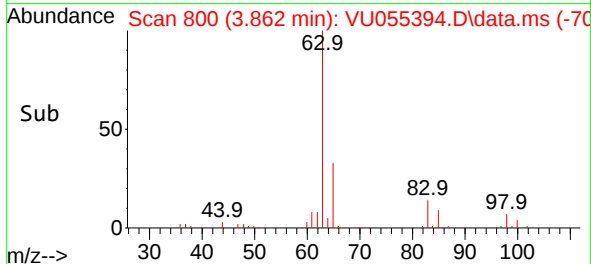
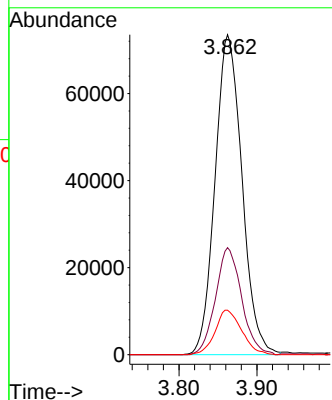
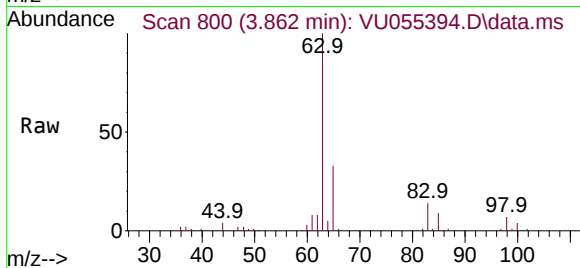
Tgt Ion: 63 Resp: 176683

Ion Ratio Lower Upper

63 100

65 33.4 22.0 41.0

83 13.9 10.1 18.9



#21

2-Butanone

Concen: 49.035 ug/L

RT: 4.711 min Scan# 1064

Delta R.T. 0.003 min

Lab File: VU055394.D

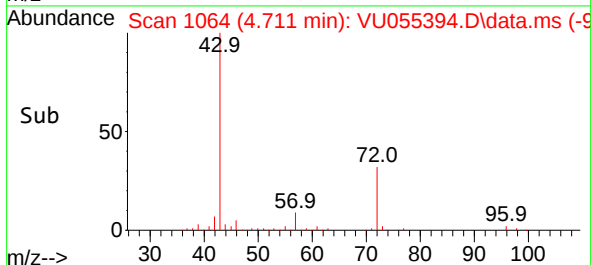
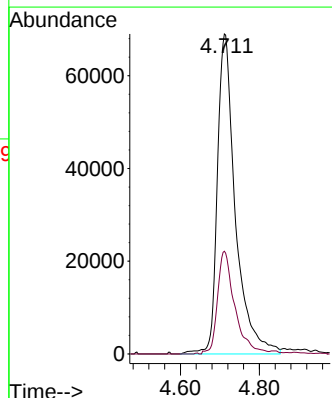
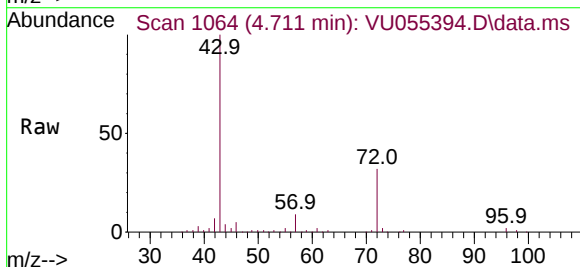
Acq: 19 Sep 2023 15:57

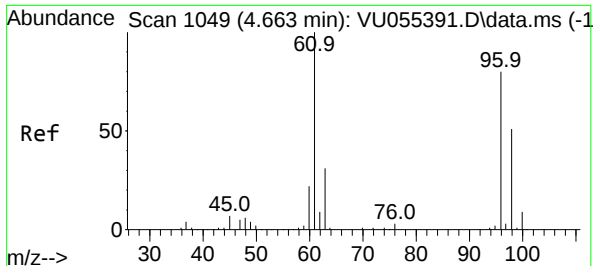
Tgt Ion: 43 Resp: 218726

Ion Ratio Lower Upper

43 100

72 30.8 15.1 45.3





#22

cis-1,2-Dichloroethene

Concen: 4.549 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

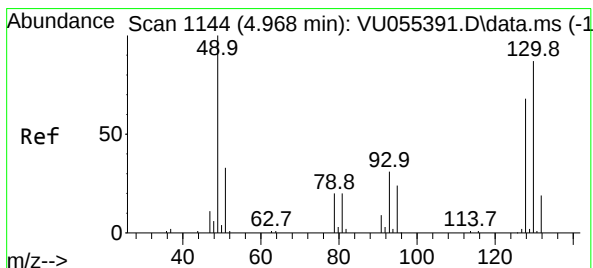
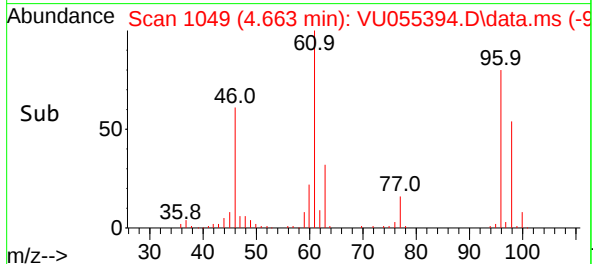
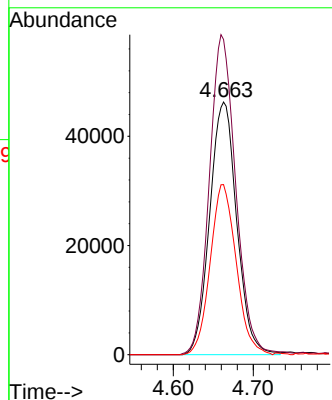
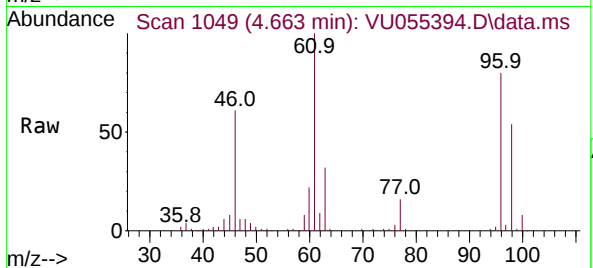
Tgt Ion: 96 Resp: 108625

Ion Ratio Lower Upper

96 100

61 124.7 87.8 163.2

98 67.3 44.4 82.4



#23

Bromochloromethane

Concen: 4.568 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Tgt Ion: 128 Resp: 46104

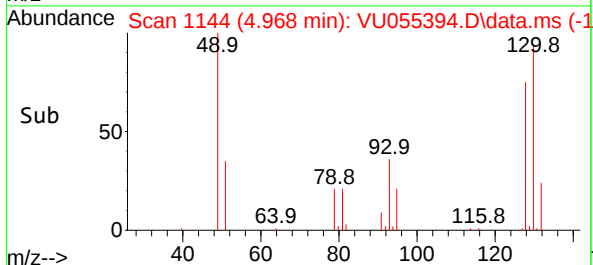
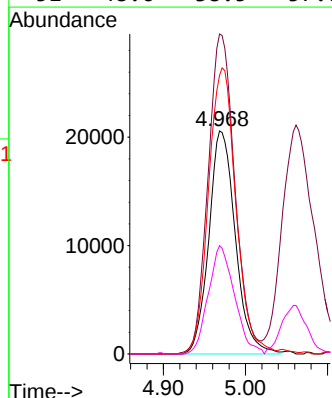
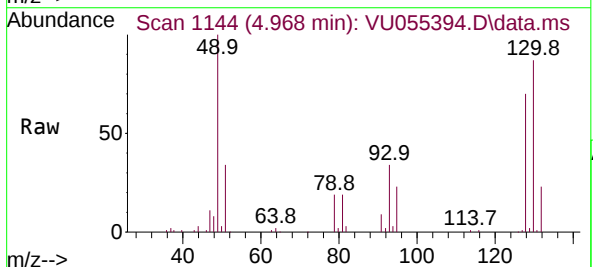
Ion Ratio Lower Upper

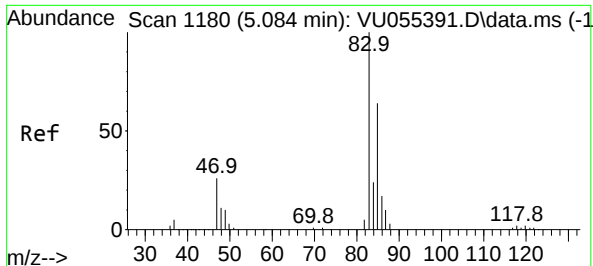
128 100

49 143.5 102.8 191.0

130 124.9 89.9 166.9

51 48.6 38.5 57.7





#25

Chloroform

Concen: 4.635 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

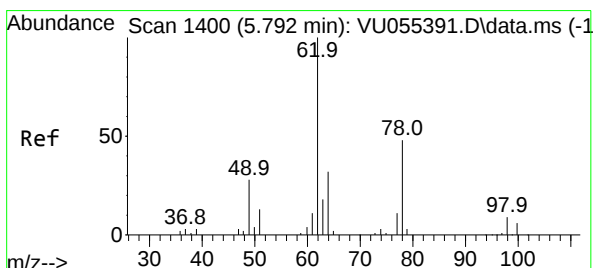
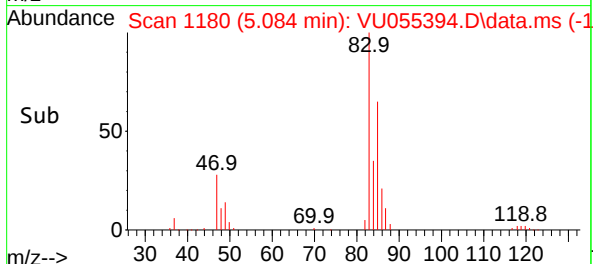
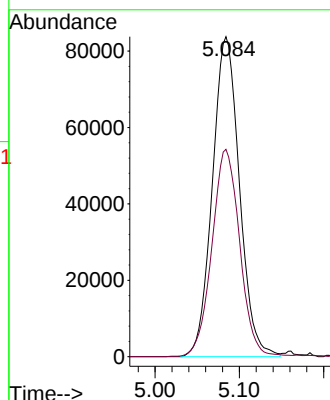
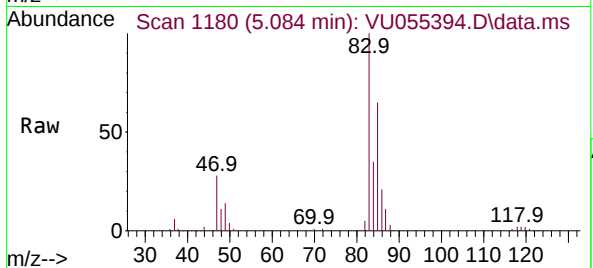
ClientSampleId :

Tgt Ion: 83 Resp: 186927

Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.545 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055394.D

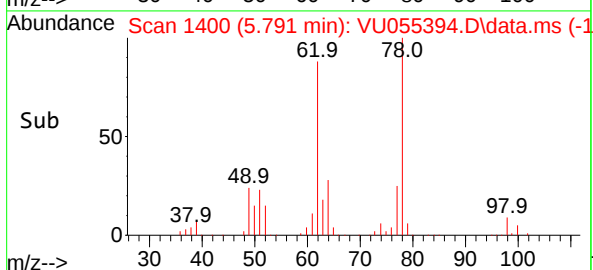
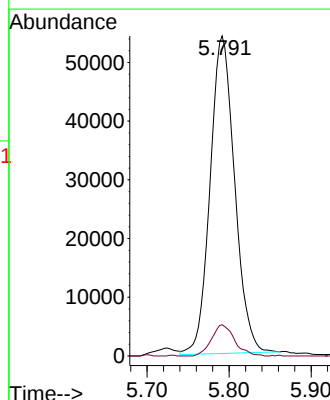
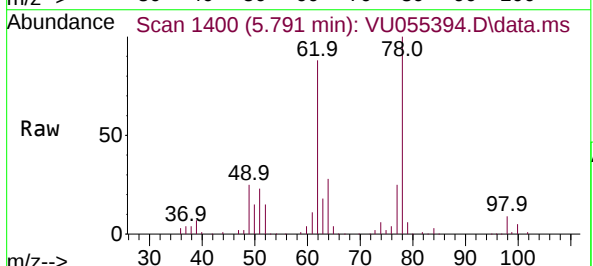
Acq: 19 Sep 2023 15:57

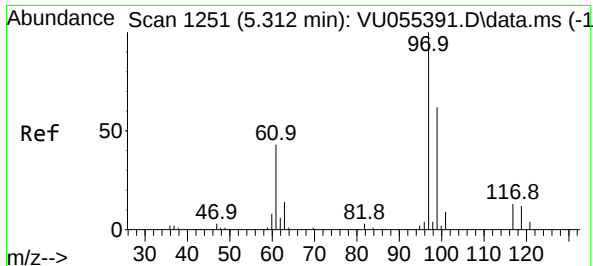
Tgt Ion: 62 Resp: 112419

Ion Ratio Lower Upper

62 100

98 9.8 7.0 10.4

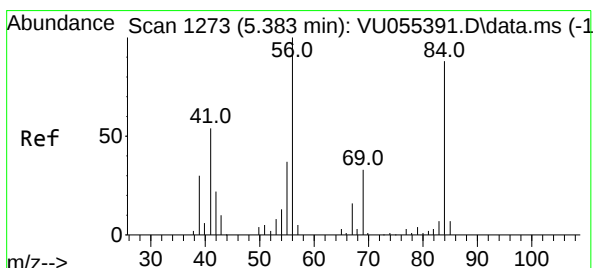
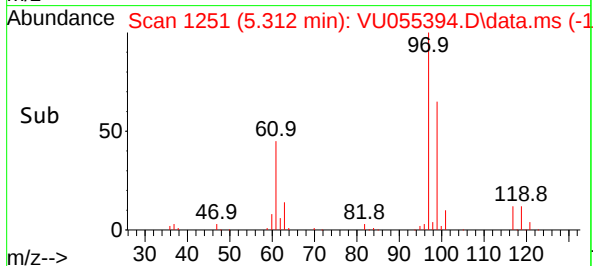
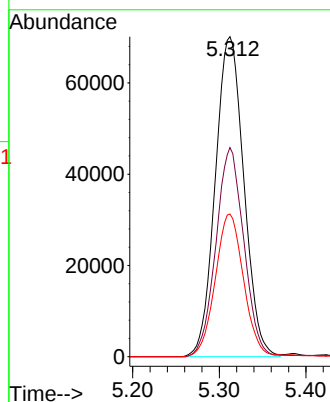
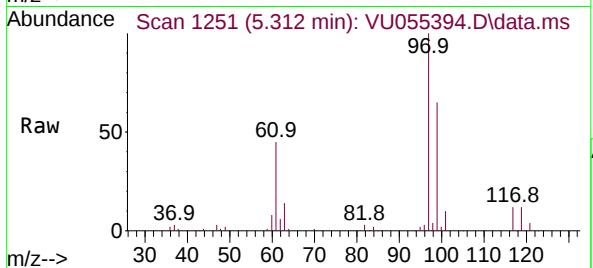




#29
1,1,1-Trichloroethane
Concen: 4.821 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

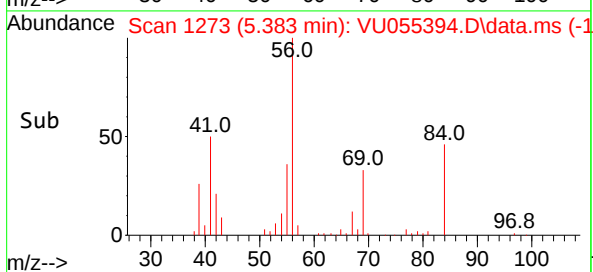
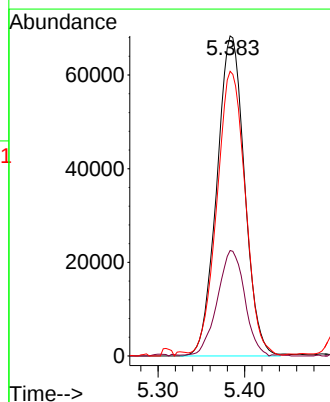
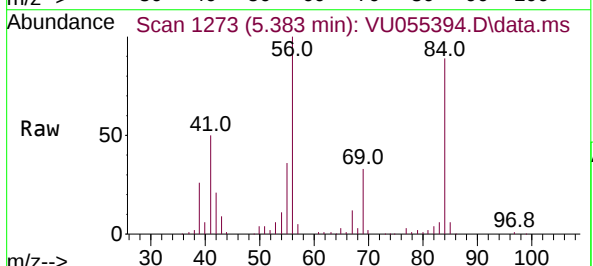
Instrument :
MSVOA_U
ClientSampleId :

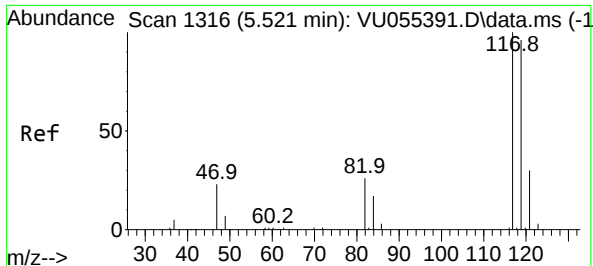
Tgt Ion: 97 Resp: 160875
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 44.1 34.6 51.8



#30
Cyclohexane
Concen: 4.980 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

Tgt Ion: 56 Resp: 152122
Ion Ratio Lower Upper
56 100
69 31.8 26.5 39.7
84 90.3 72.6 108.8

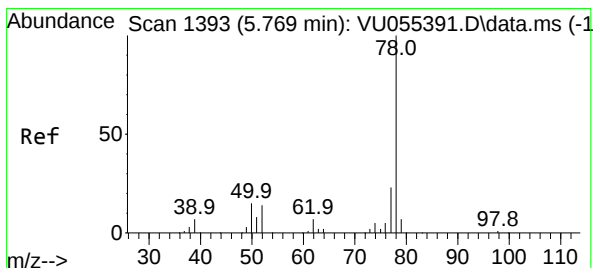
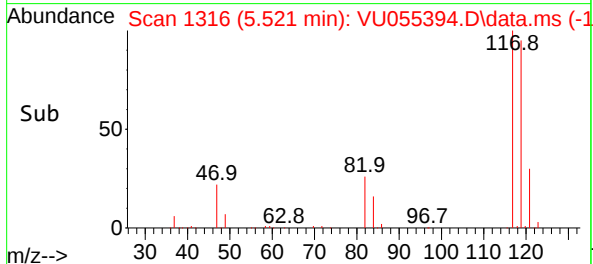
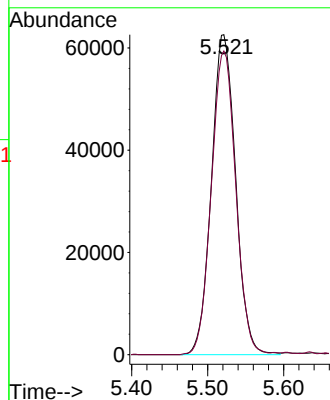
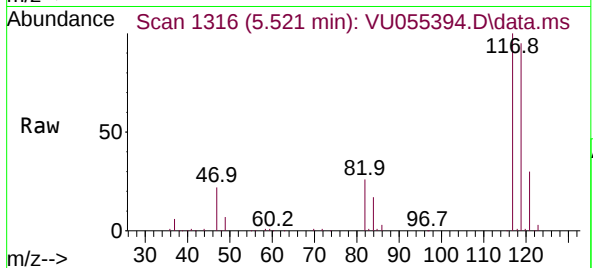




#31
Carbon tetrachloride
Concen: 4.831 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

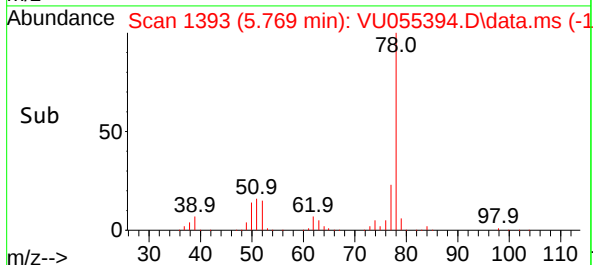
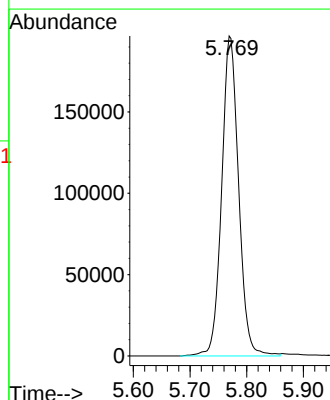
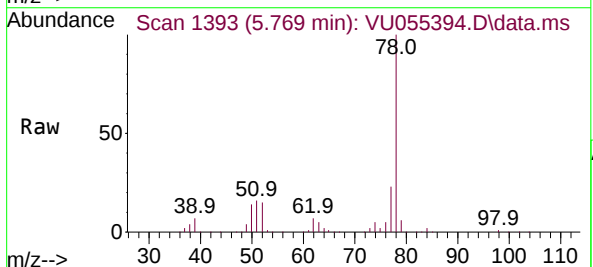
Instrument :
MSVOA_U
ClientSampleId :

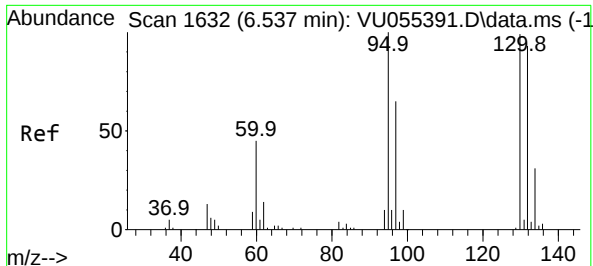
Tgt Ion:117 Resp: 138187
Ion Ratio Lower Upper
117 100
119 95.9 75.2 112.8



#33
Benzene
Concen: 4.846 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

Tgt Ion: 78 Resp: 408285





#34

Trichloroethene

Concen: 4.639 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

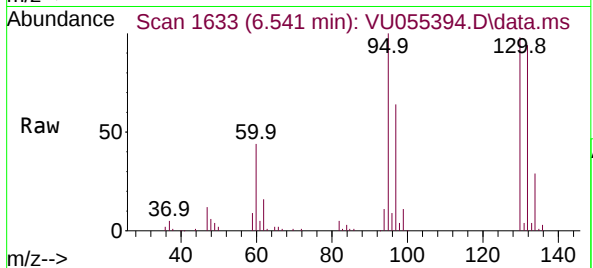
Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 110568

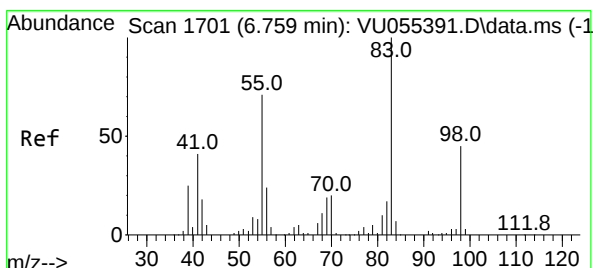
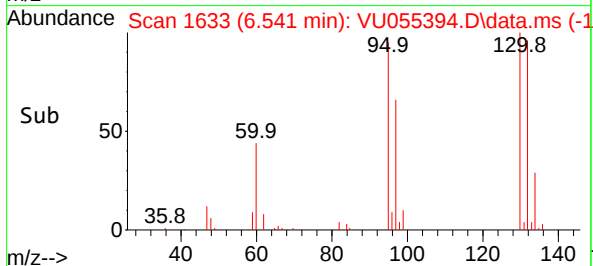
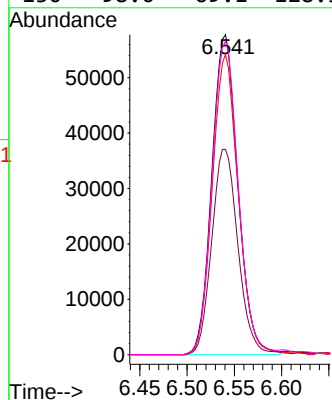
Ion Ratio Lower Upper

95 100

97 64.2 45.4 84.2

132 93.8 65.2 121.2

130 98.0 69.1 128.3



#35

Methylcyclohexane

Concen: 4.859 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

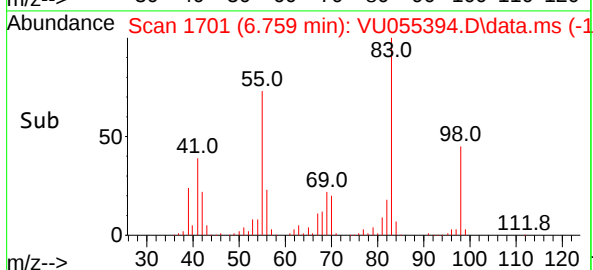
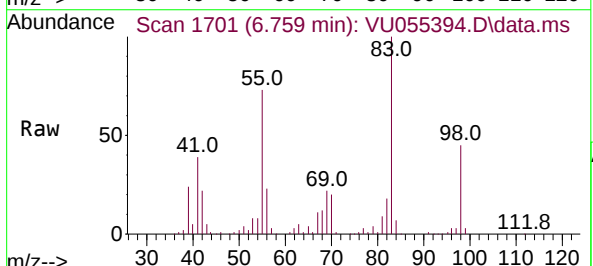
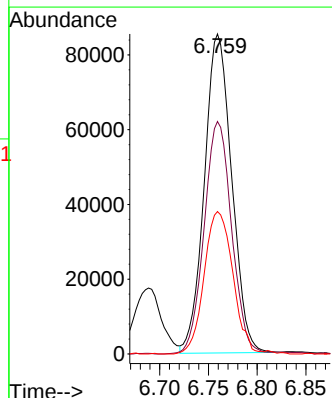
Tgt Ion: 83 Resp: 166798

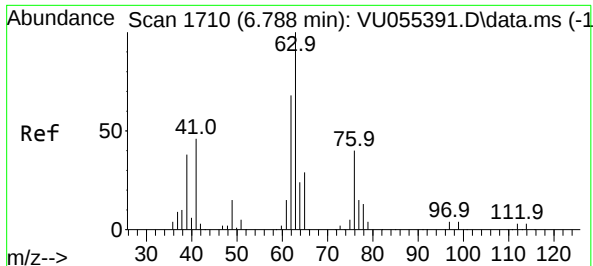
Ion Ratio Lower Upper

83 100

55 73.4 59.1 88.7

98 46.7 36.3 54.5





#37

1,2-Dichloropropane

Concen: 4.747 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

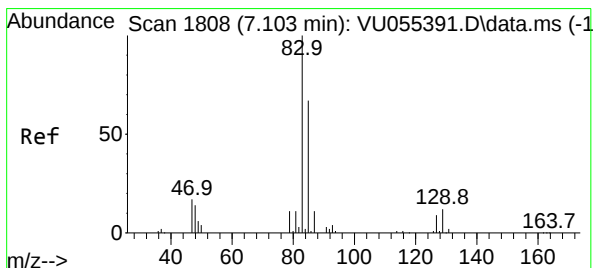
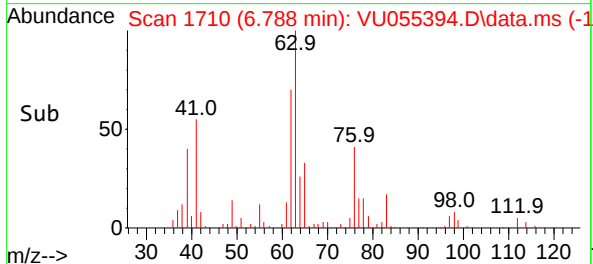
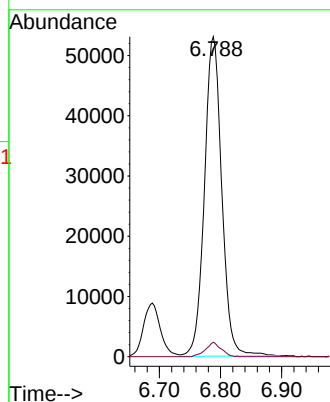
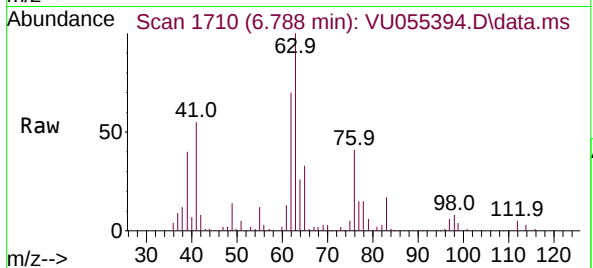
ClientSampleId :

Tgt Ion: 63 Resp: 104600

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.6



#38

Bromodichloromethane

Concen: 4.785 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

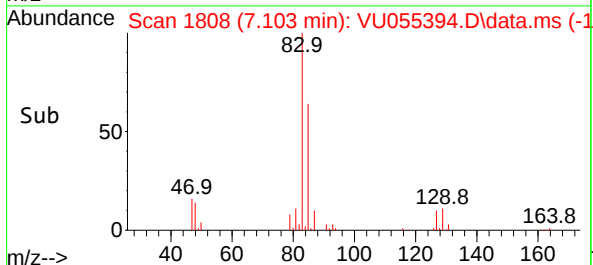
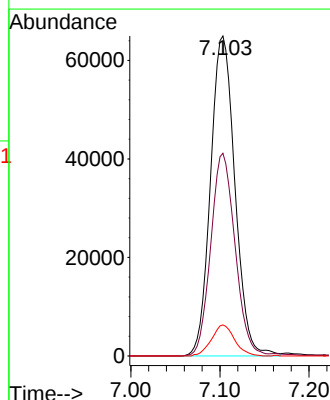
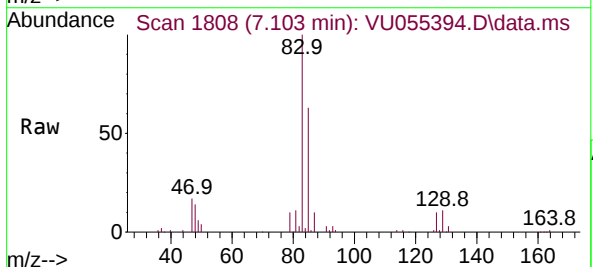
Tgt Ion: 83 Resp: 123549

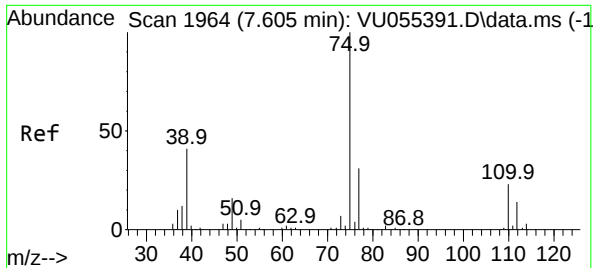
Ion Ratio Lower Upper

83 100

85 63.4 46.8 86.8

127 9.7 7.2 10.8

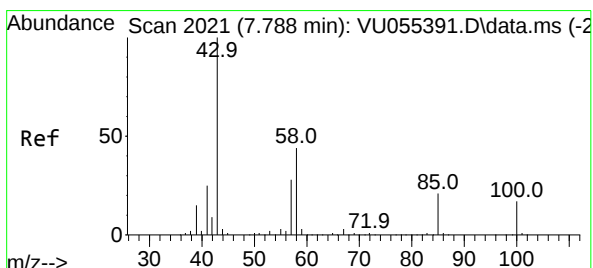
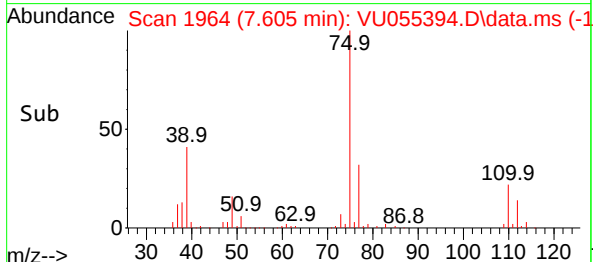
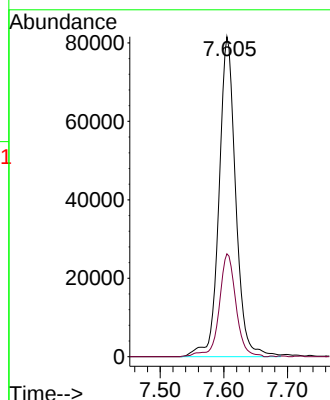
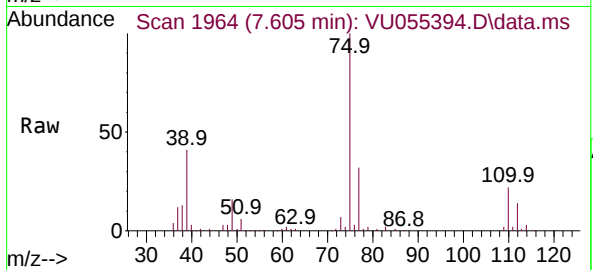




#39
 cis-1,3-Dichloropropene
 Concen: 5.063 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU055394.D
 Acq: 19 Sep 2023 15:57

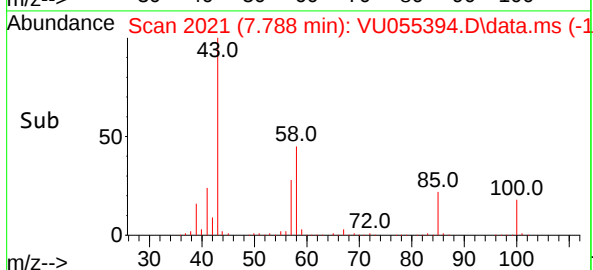
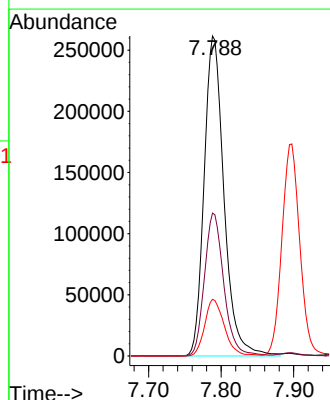
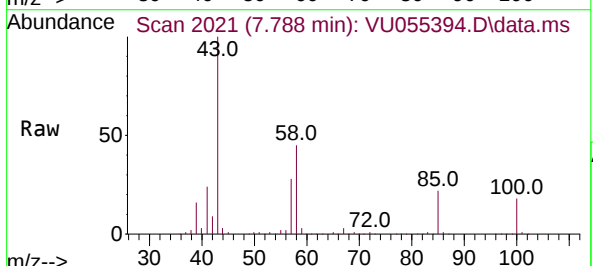
Instrument :
 MSVOA_U
 ClientSampleId :

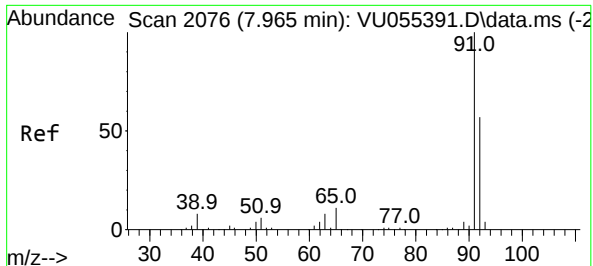
Tgt Ion: 75 Resp: 148908
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 49.880 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. -0.000 min
 Lab File: VU055394.D
 Acq: 19 Sep 2023 15:57

Tgt Ion: 43 Resp: 498561
 Ion Ratio Lower Upper
 43 100
 58 43.4 34.2 51.4
 100 17.5 13.4 20.0





#42

Toluene

Concen: 4.892 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

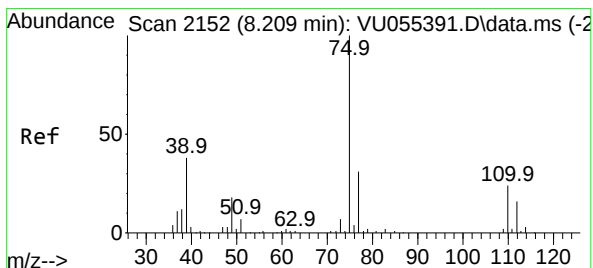
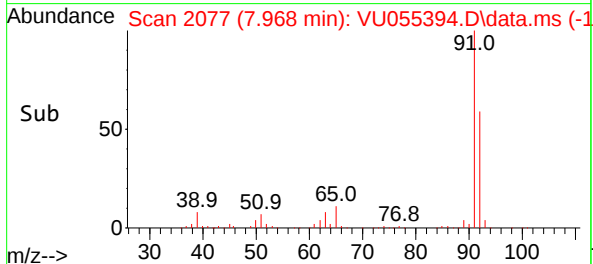
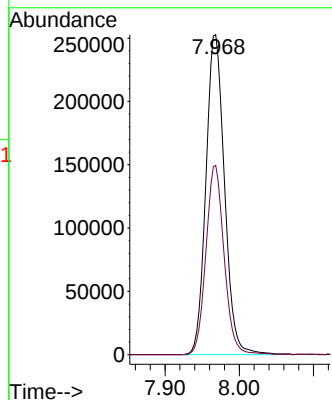
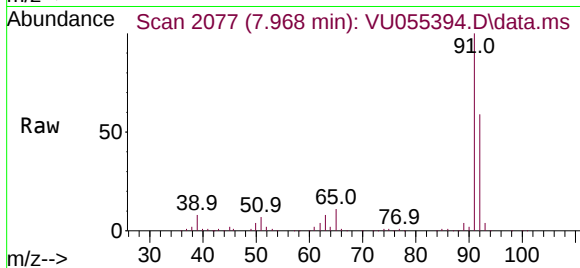
ClientSampleId :

Tgt Ion: 91 Resp: 439598

Ion Ratio Lower Upper

91 100

92 59.1 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.066 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU055394.D

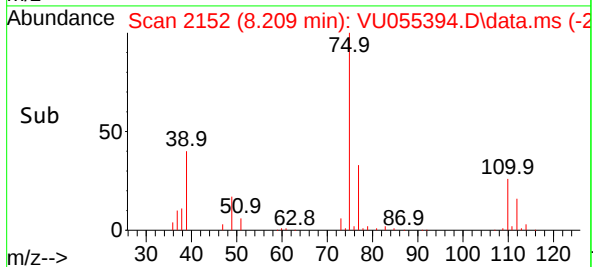
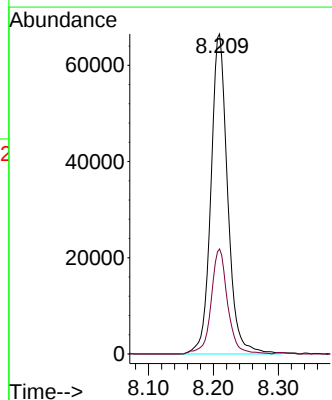
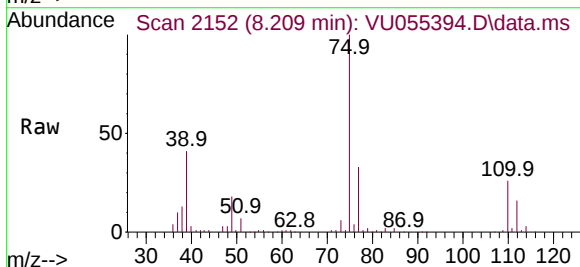
Acq: 19 Sep 2023 15:57

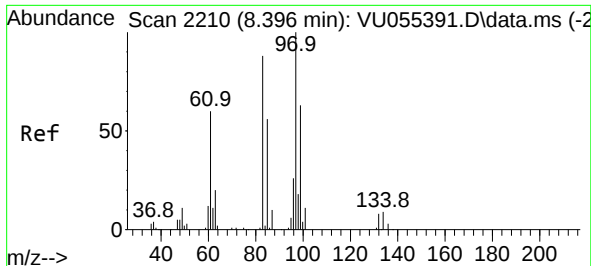
Tgt Ion: 75 Resp: 119206

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.4

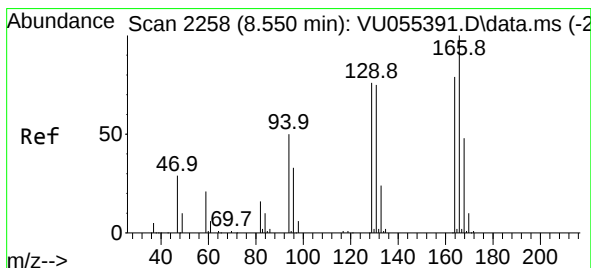
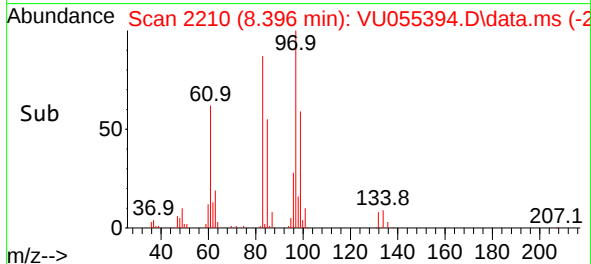
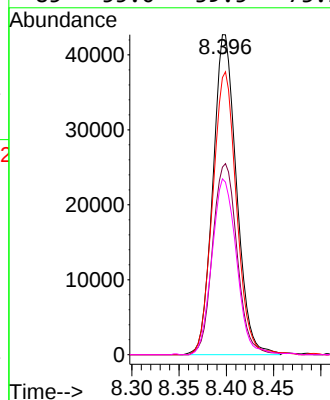
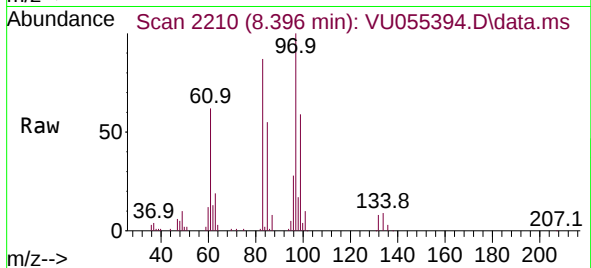




#45
1,1,2-Trichloroethane
Concen: 4.799 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

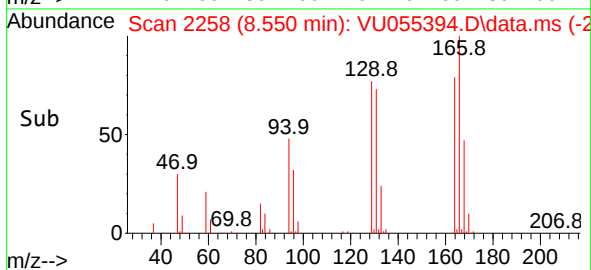
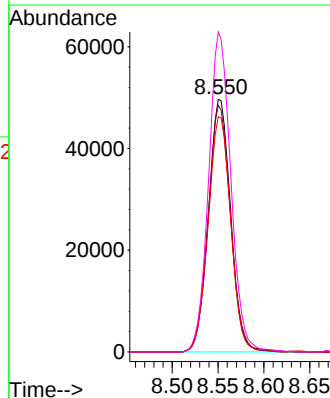
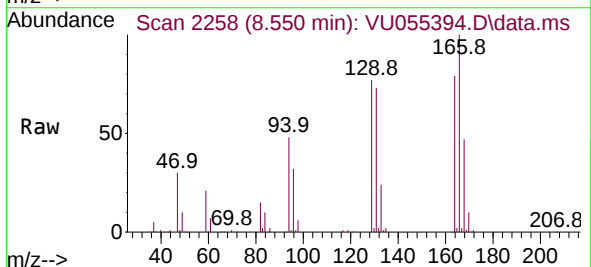
Instrument :
MSVOA_U
ClientSampleId :

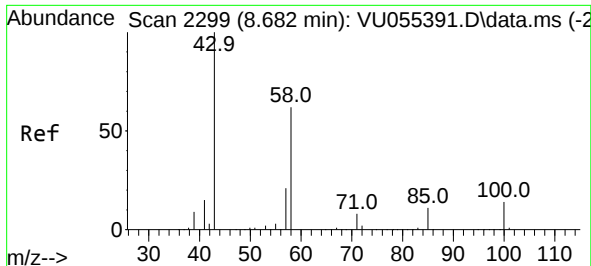
Tgt Ion:	97	Resp:	74140
Ion	Ratio	Lower	Upper
97	100		
99	58.6	44.1	81.9
83	86.6	61.5	114.1
85	55.0	39.5	73.3



#47
Tetrachloroethene
Concen: 4.902 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

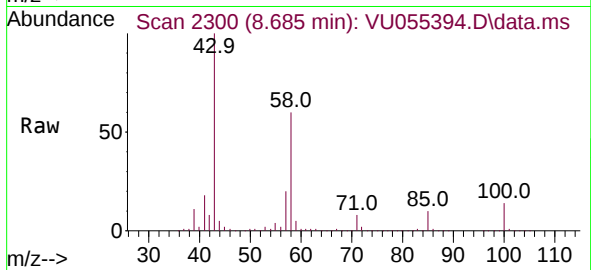
Tgt Ion:	164	Resp:	83798
Ion	Ratio	Lower	Upper
164	100		
129	97.7	67.4	125.2
131	93.1	66.4	123.2
166	126.7	88.8	165.0



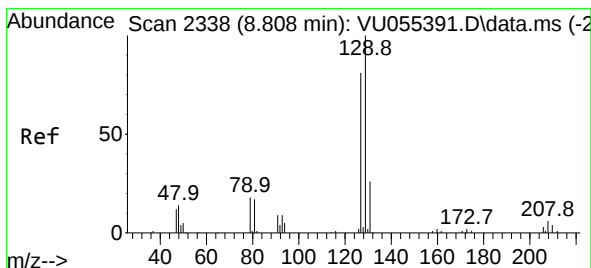
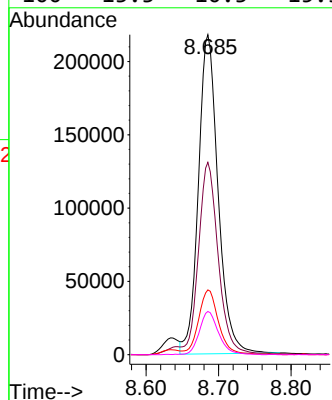
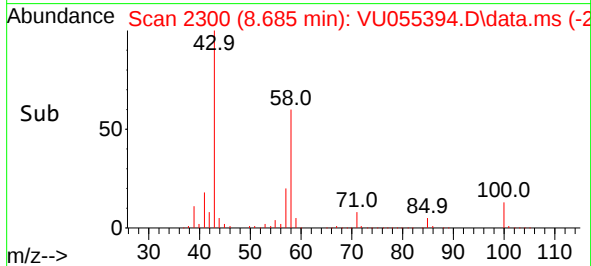


#48
2-Hexanone
Concen: 53.129 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :

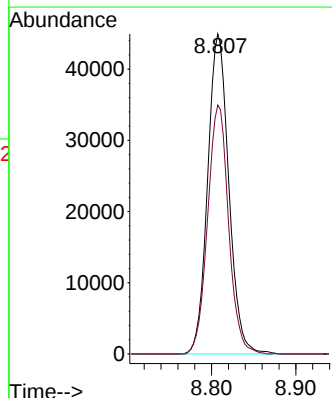
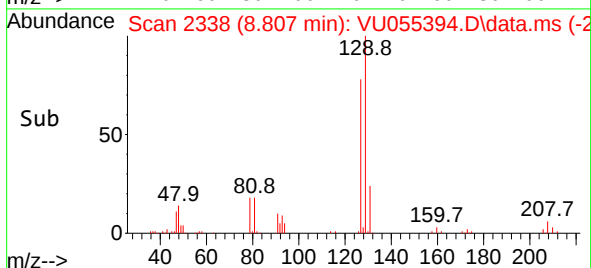
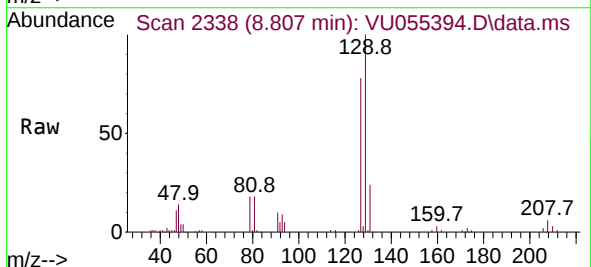


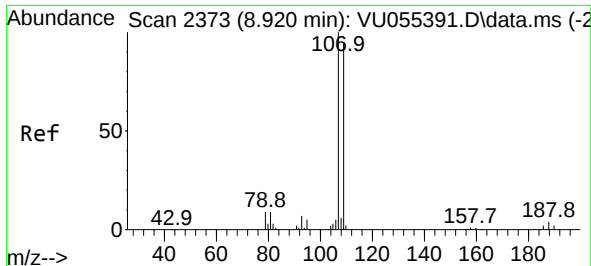
Tgt Ion: 43 Resp: 411561
Ion Ratio Lower Upper
43 100
58 59.3 48.5 72.7
57 20.2 17.0 25.4
100 13.3 10.3 15.5



#49
Dibromochloromethane
Concen: 4.839 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

Tgt Ion: 129 Resp: 78368
Ion Ratio Lower Upper
129 100
127 77.8 56.8 105.6





#50

1,2-Dibromoethane

Concen: 4.827 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055394.D

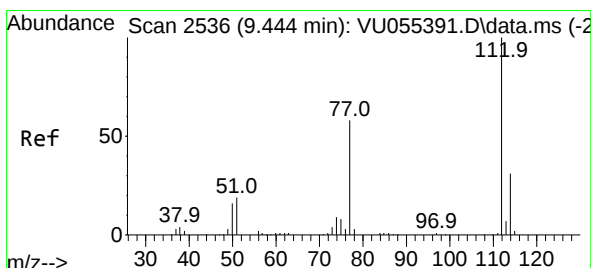
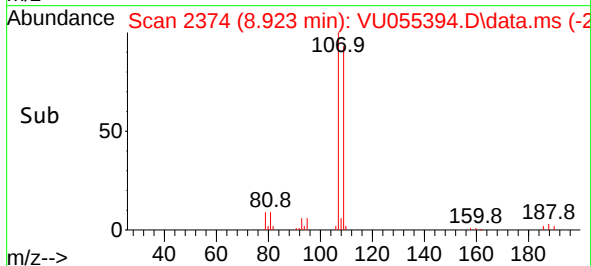
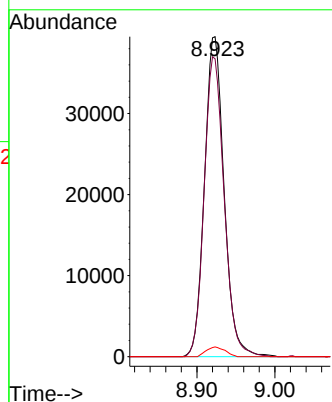
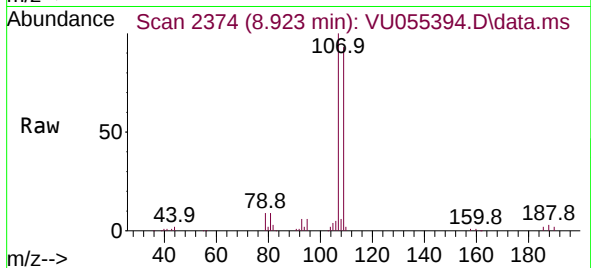
Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	69204
Ion	Ratio	Lower	Upper
107	100		
109	93.1	66.1	122.8
188	3.0	3.2	4.8#



#51

Chlorobenzene

Concen: 4.743 ug/L

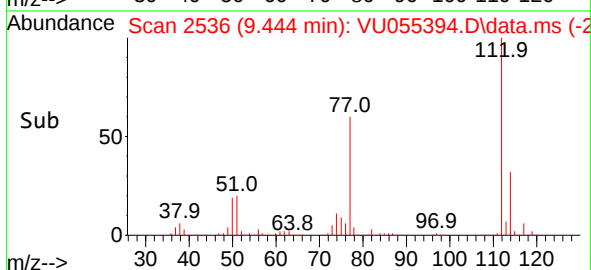
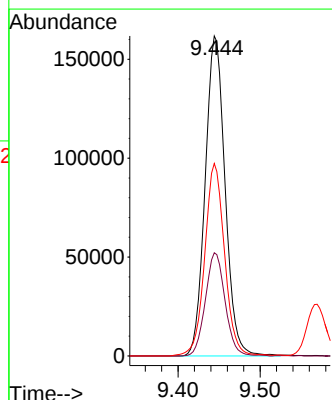
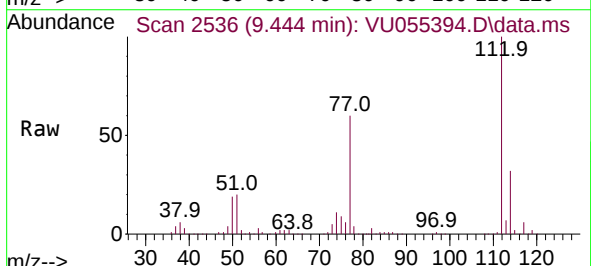
RT: 9.444 min Scan# 2536

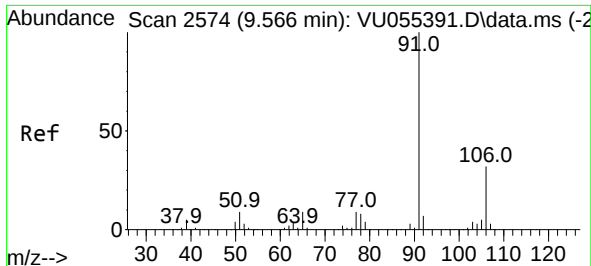
Delta R.T. -0.000 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Tgt Ion:	112	Resp:	273000
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	40.8
77	60.2	46.9	70.3

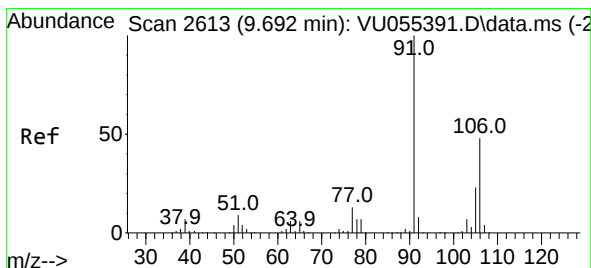
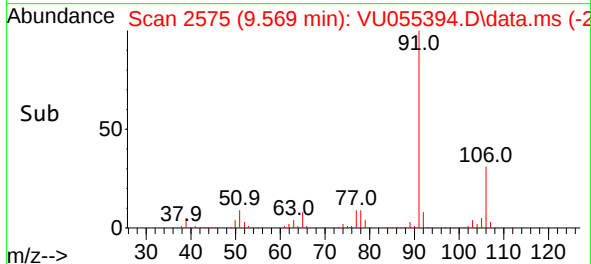
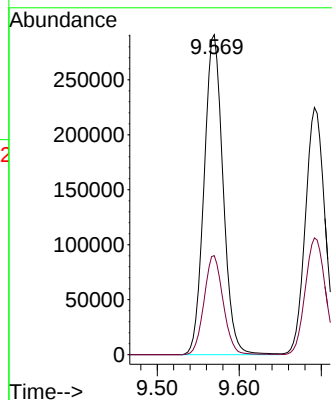
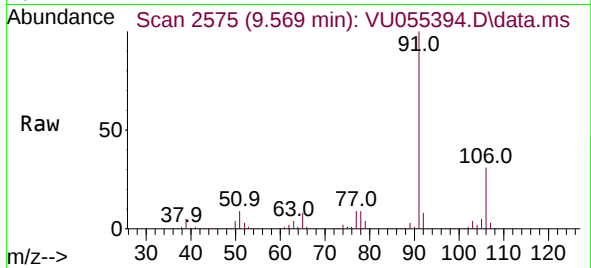




#52
Ethylbenzene
Concen: 4.848 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

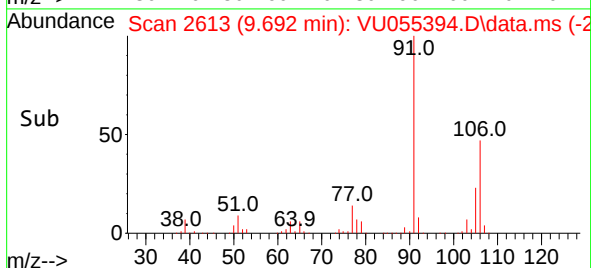
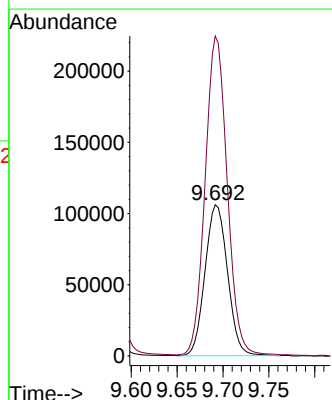
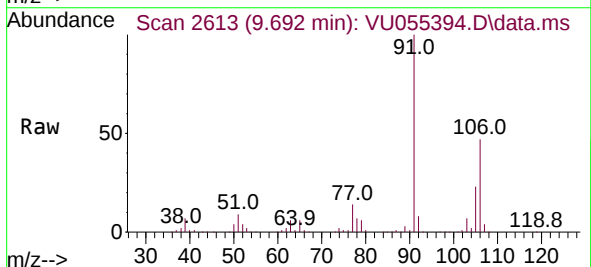
Instrument :
MSVOA_U
ClientSampleId :

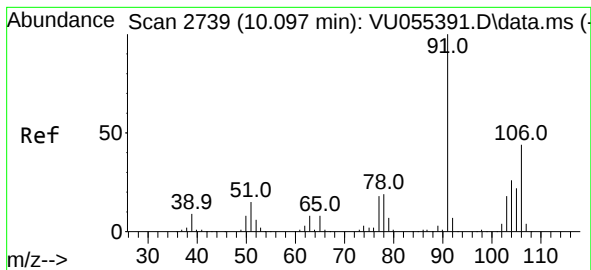
Tgt Ion: 91 Resp: 467074
Ion Ratio Lower Upper
91 100
106 31.0 22.4 41.6



#53
m,p-Xylene
Concen: 5.018 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

Tgt Ion:106 Resp: 181192
Ion Ratio Lower Upper
106 100
91 211.6 144.8 269.0





#54

o-Xylene

Concen: 5.006 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

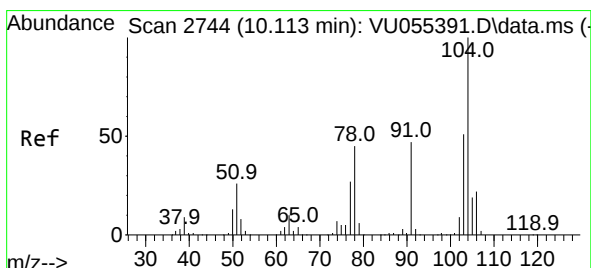
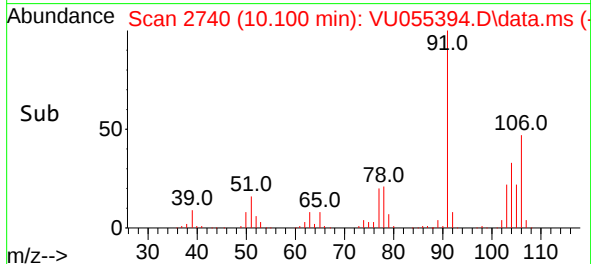
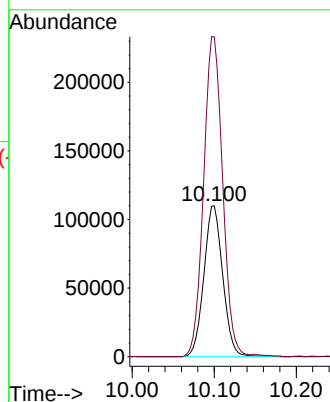
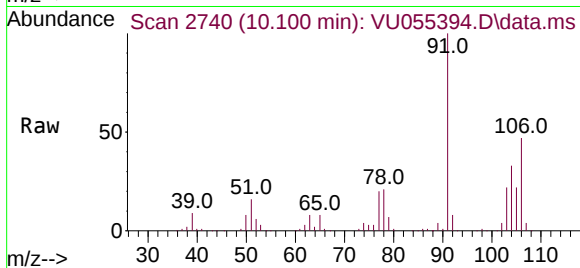
ClientSampleId :

Tgt Ion:106 Resp: 175709

Ion Ratio Lower Upper

106 100

91 211.9 157.6 292.8



#55

Styrene

Concen: 5.106 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU055394.D

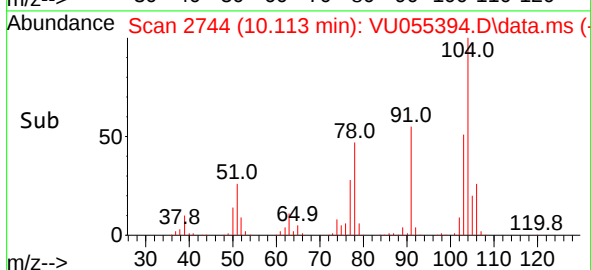
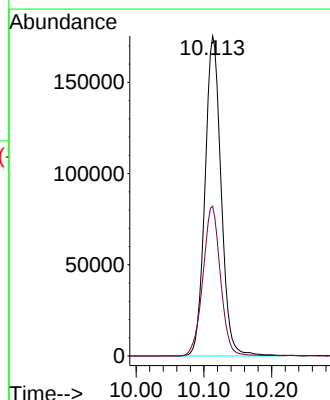
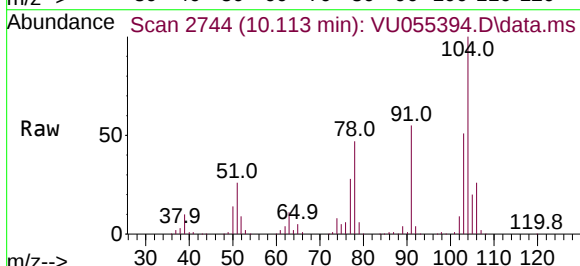
Acq: 19 Sep 2023 15:57

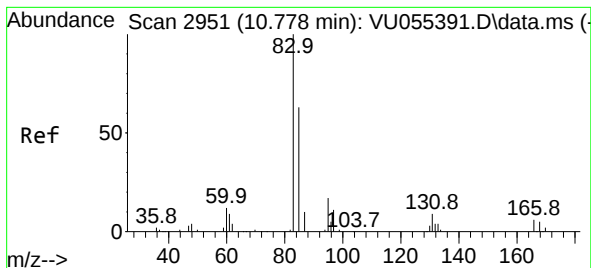
Tgt Ion:104 Resp: 289829

Ion Ratio Lower Upper

104 100

78 46.8 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.837 ug/L

RT: 10.782 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU055394.D

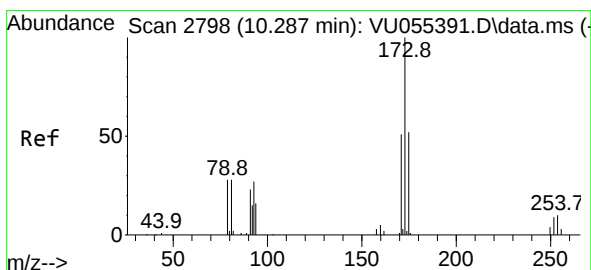
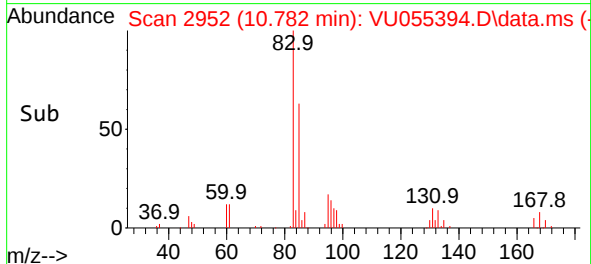
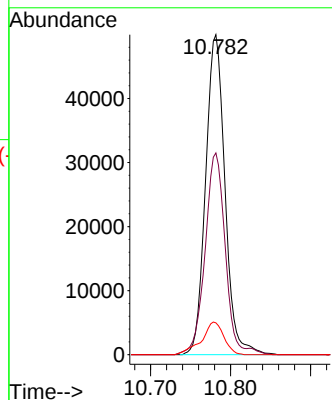
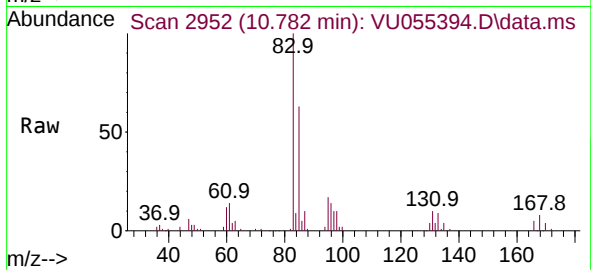
Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	84366
Ion	Ratio	Lower	Upper
83	100		
85	63.0	44.4	82.5
131	10.0	7.4	11.2



#59

Bromoform

Concen: 4.889 ug/L

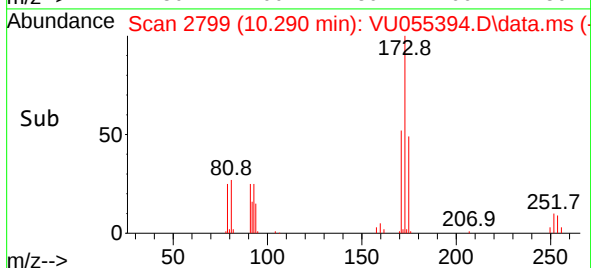
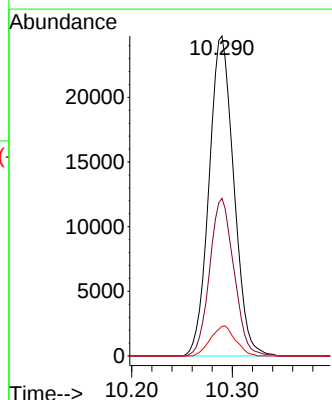
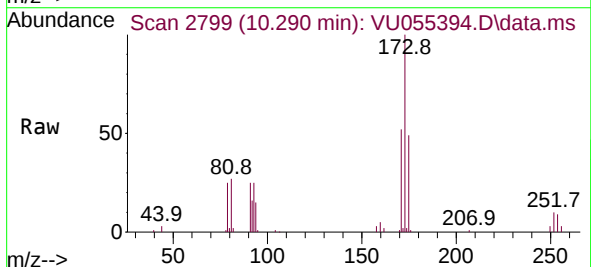
RT: 10.290 min Scan# 2799

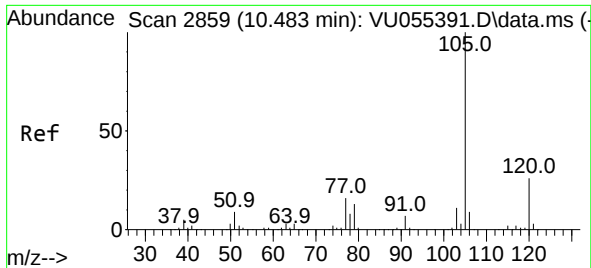
Delta R.T. 0.003 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Tgt Ion:	173	Resp:	42329
Ion	Ratio	Lower	Upper
173	100		
175	48.3	39.4	59.2
254	9.4	7.3	10.9

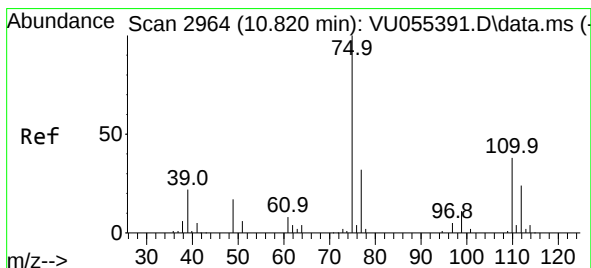
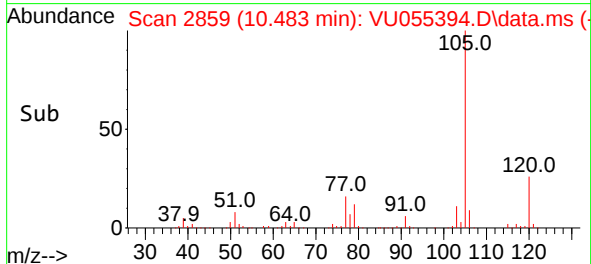
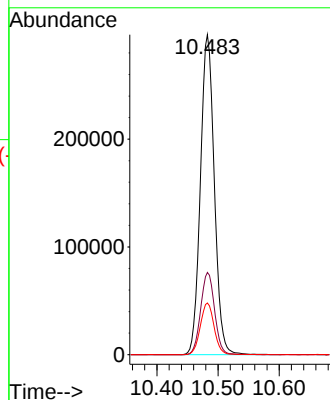
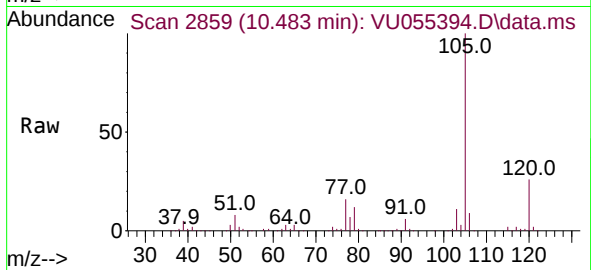




#60
Isopropylbenzene
Concen: 5.041 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

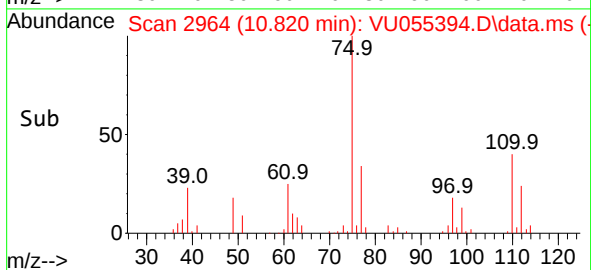
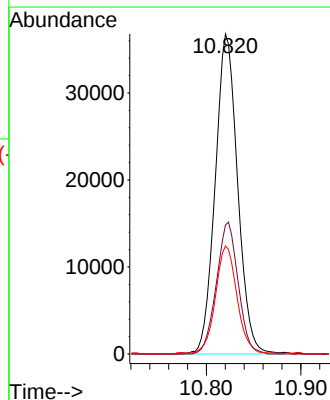
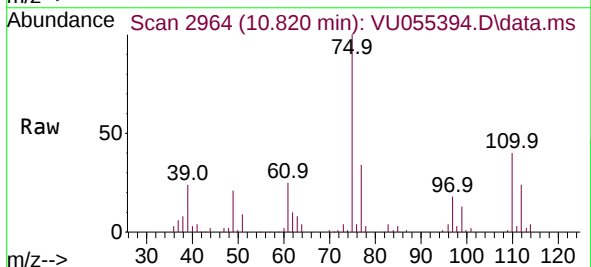
Instrument :
MSVOA_U
ClientSampleId :

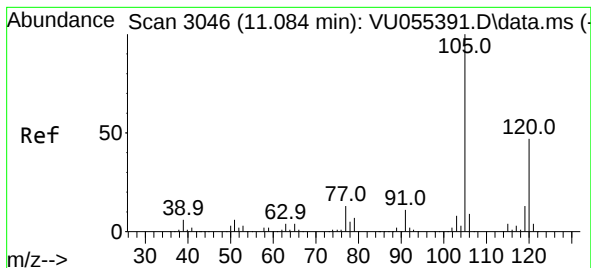
Tgt Ion:105 Resp: 469299
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.805 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

Tgt Ion: 75 Resp: 60597
Ion Ratio Lower Upper
75 100
110 39.9 30.6 45.8
77 32.6 26.7 40.1





#62

1,3,5-Trimethylbenzene

Concen: 5.040 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

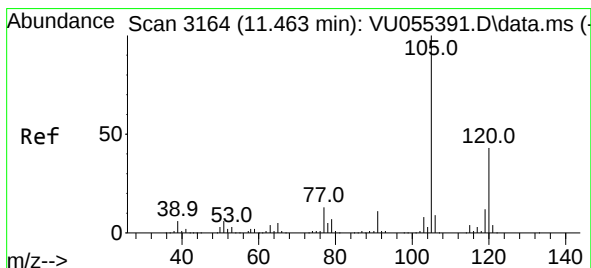
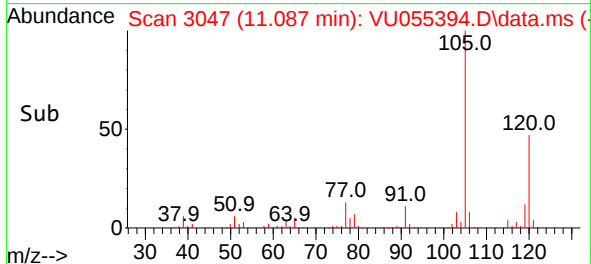
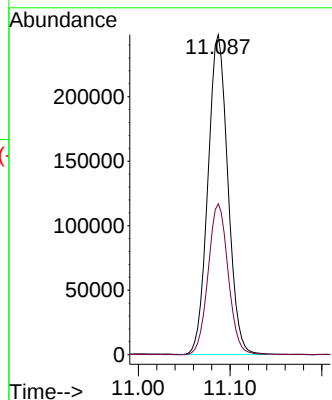
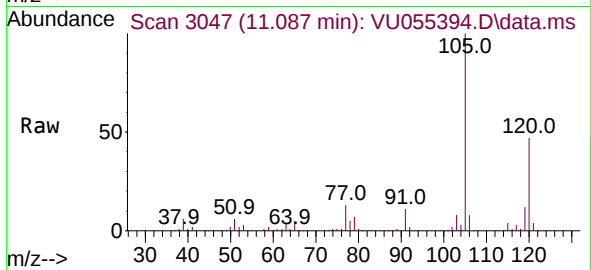
ClientSampleId :

Tgt Ion:105 Resp: 375221

Ion Ratio Lower Upper

105 100

120 47.5 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 5.081 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU055394.D

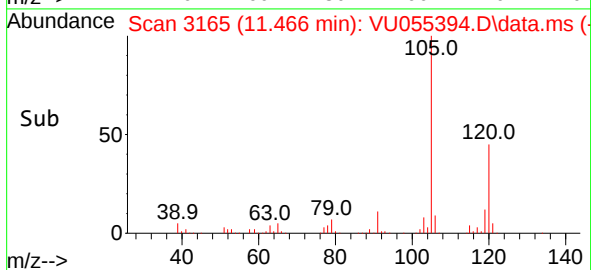
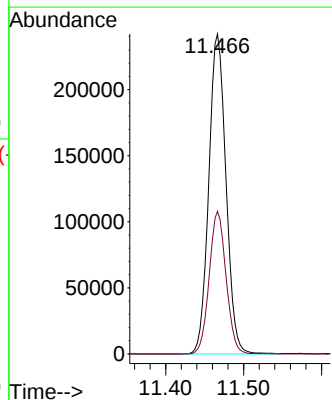
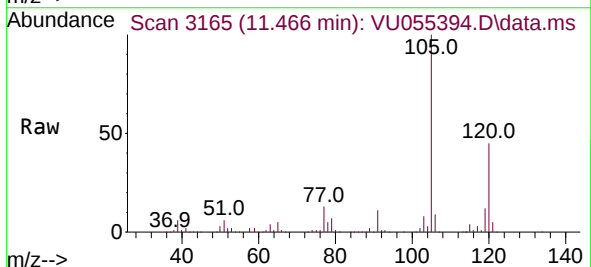
Acq: 19 Sep 2023 15:57

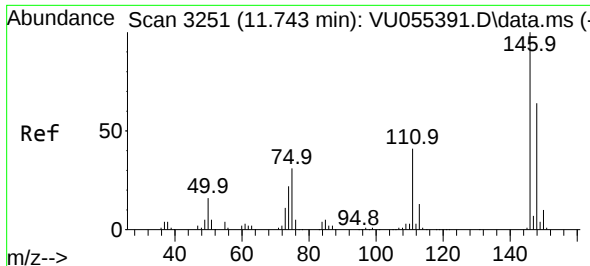
Tgt Ion:105 Resp: 370319

Ion Ratio Lower Upper

105 100

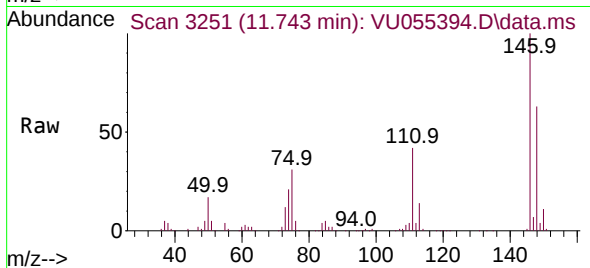
120 43.8 34.9 52.3



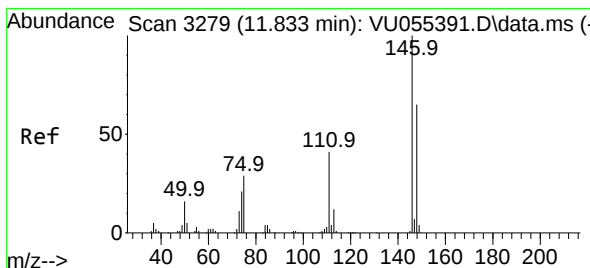
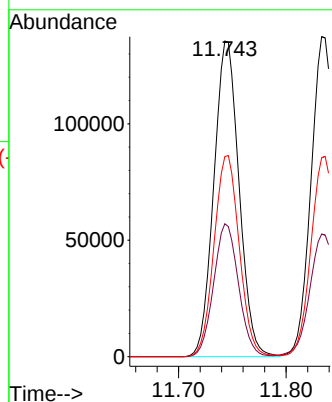
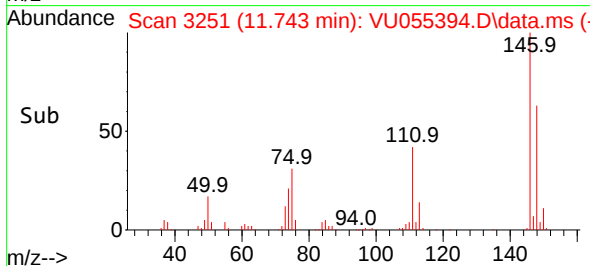


#64
1,3-Dichlorobenzene
Concen: 4.950 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57

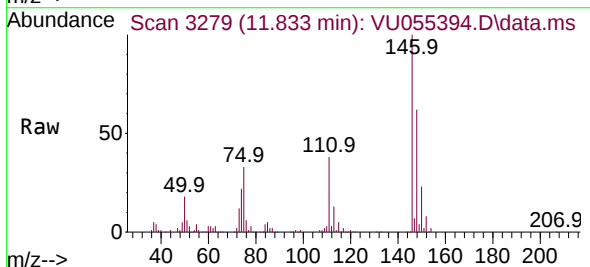
Instrument :
MSVOA_U
ClientSampleId :



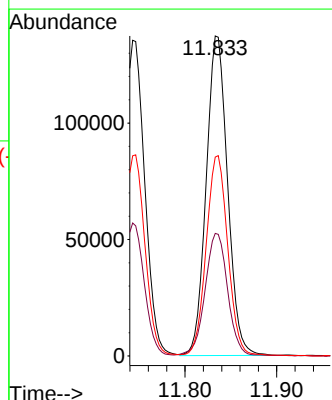
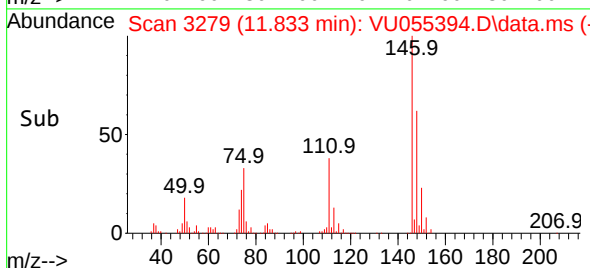
Tgt Ion:146 Resp: 220666
Ion Ratio Lower Upper
146 100
111 42.1 28.8 53.6
148 63.4 44.6 82.8

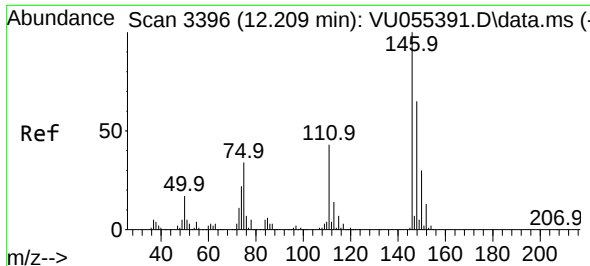


#65
1,4-Dichlorobenzene
Concen: 4.997 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055394.D
Acq: 19 Sep 2023 15:57



Tgt Ion:146 Resp: 222632
Ion Ratio Lower Upper
146 100
111 38.3 29.0 53.8
148 62.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 5.025 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

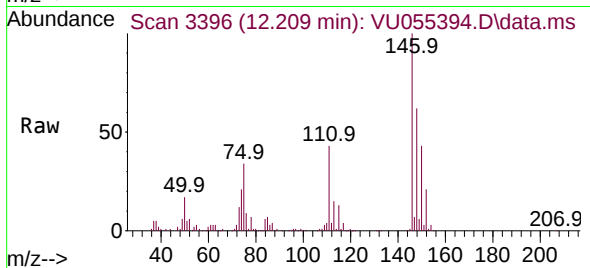
Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :



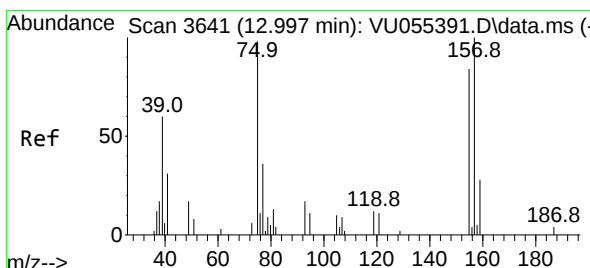
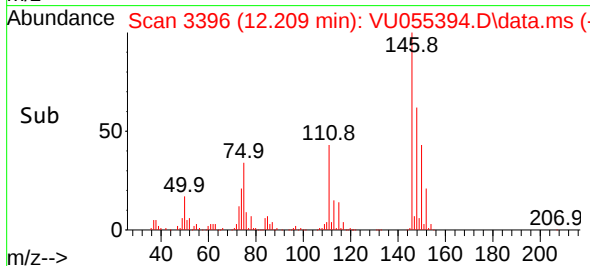
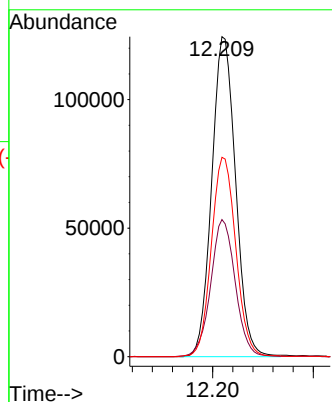
Tgt Ion:146 Resp: 205342

Ion Ratio Lower Upper

146 100

111 42.8 34.6 52.0

148 62.3 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.331 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.003 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

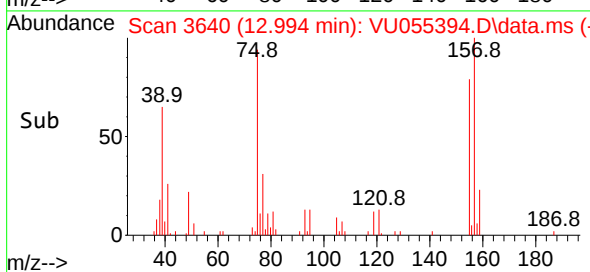
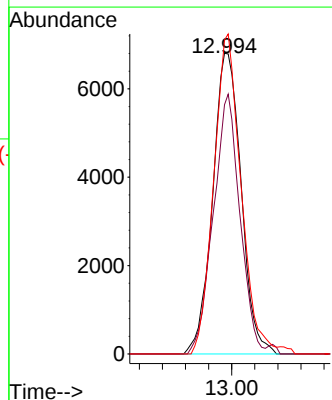
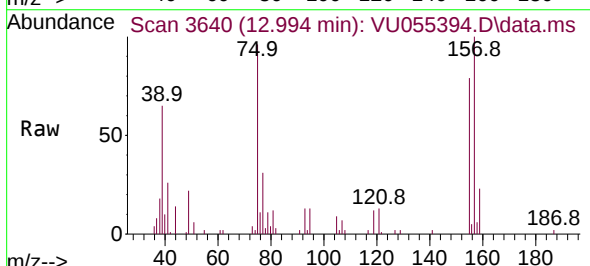
Tgt Ion: 75 Resp: 11652

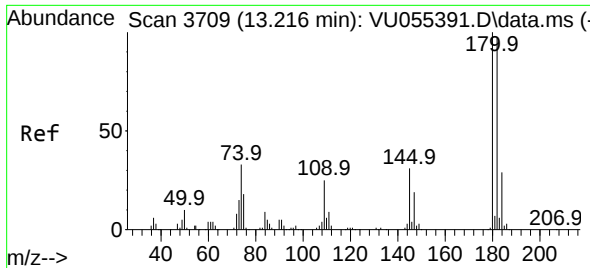
Ion Ratio Lower Upper

75 100

155 82.9 69.2 103.8

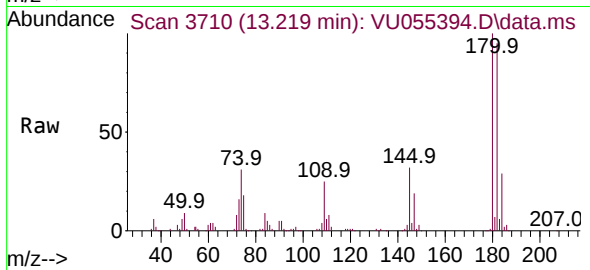
157 104.4 81.9 122.9



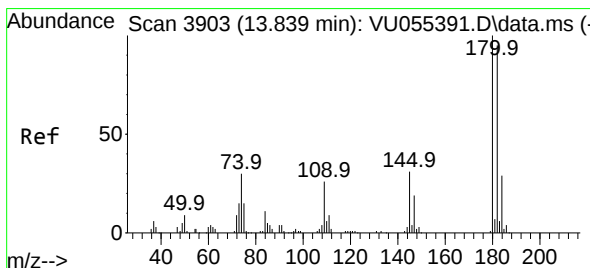
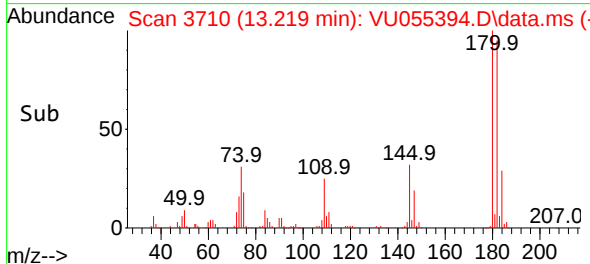
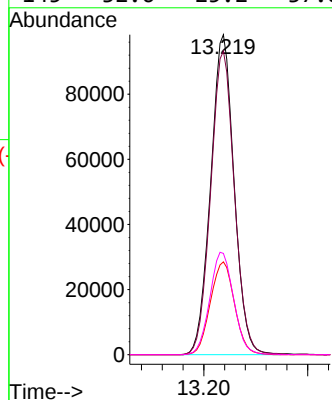


#69
 1,3,5-Trichlorobenzene
 Concen: 5.005 ug/L
 RT: 13.219 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU055394.D
 Acq: 19 Sep 2023 15:57

Instrument :
 MSVOA_U
 ClientSampleId :

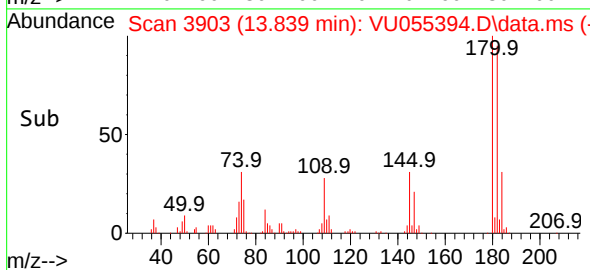
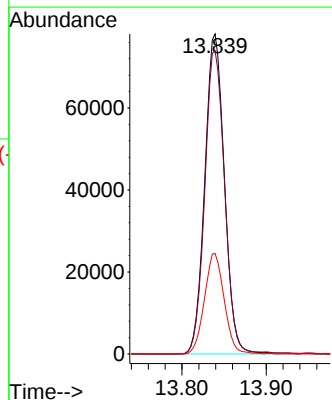
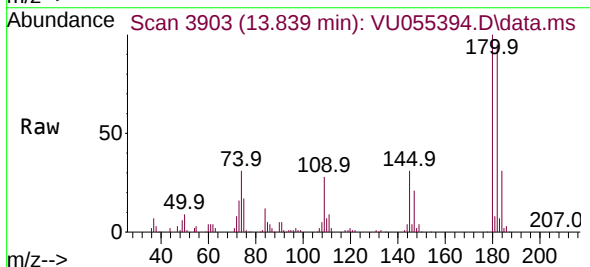


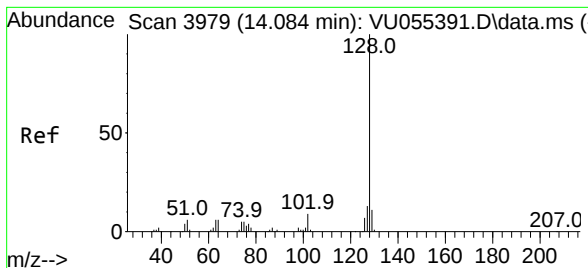
Tgt Ion:180 Resp: 153629
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.1 115.7
 184 29.9 24.0 36.0
 145 32.6 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.408 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. -0.000 min
 Lab File: VU055394.D
 Acq: 19 Sep 2023 15:57

Tgt Ion:180 Resp: 126571
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.4 114.6
 145 31.5 25.4 38.0





#71

Naphthalene

Concen: 6.510 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

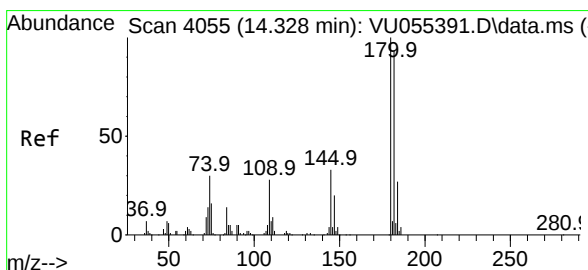
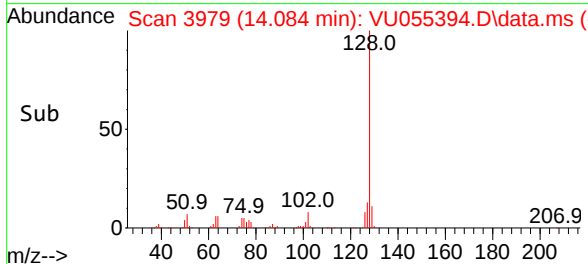
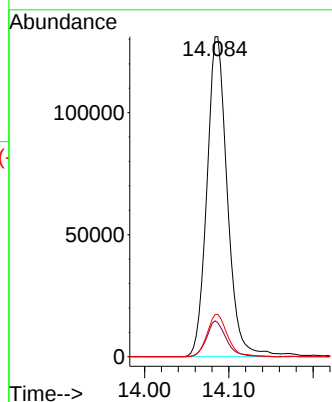
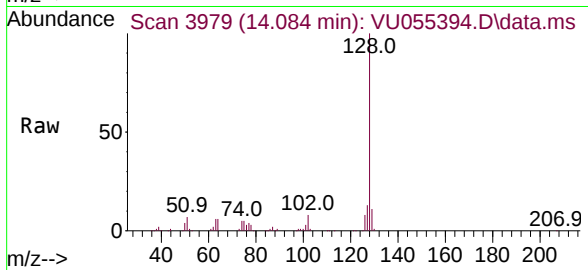
Tgt Ion:128 Resp: 220546

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.3 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.600 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. -0.000 min

Lab File: VU055394.D

Acq: 19 Sep 2023 15:57

Tgt Ion:180 Resp: 114036

Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.4

145 34.3 26.0 39.0

