

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091923\
 Data File : VU055395.D
 Acq On : 19 Sep 2023 16:21
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 06:02:00 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	269082	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	273797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	149993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	133754	4.918	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.400%	
7) Chloroethane-d5	1.911	69	119349	4.980	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.560	65	55933	4.997	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.000%	
20) 2-Butanone-d5	4.628	46	251343	51.167	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.340%	
24) Chloroform-d	5.059	84	247761	5.037	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	5.698	65	120003	5.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.724	84	501415	5.236	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
36) 1,2-Dichloropropane-d6	6.686	67	147852	5.167	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.895	98	459771	5.267	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
43) trans-1,3-Dichloroprop...	8.177	79	53707	5.348	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	107.000%	
46) 2-Hexanone-d5	8.631	63	162815	53.306	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.620%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110421	5.149	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	162580	5.370	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	123695	4.722	ug/L	100
3) Chloromethane	1.515	50	108846	4.723	ug/L	99
5) Vinyl chloride	1.602	62	116416	4.682	ug/L	99
6) Bromomethane	1.856	94	75329	4.770	ug/L	99
8) Chloroethane	1.930	64	76810	4.734	ug/L	98
9) Trichlorofluoromethane	2.133	101	161324	4.679	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	98724	4.706	ug/L	99
12) 1,1-Dichloroethene	2.576	96	89986	4.783	ug/L	94
13) Acetone	2.641	43	123656	44.161	ug/L	99
14) Carbon disulfide	2.789	76	274457	4.853	ug/L	99
15) Methyl Acetate	2.953	43	28810	4.513	ug/L	100
16) Methylene chloride	3.039	84	110415	4.899	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	197219	4.832	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	91398	4.820	ug/L	96
19) 1,1-Dichloroethane	3.863	63	169635	4.837	ug/L	97
21) 2-Butanone	4.708	43	191098	46.531	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	102152	4.646	ug/L	97
23) Bromochloromethane	4.969	128	43822	4.716	ug/L	98
25) Chloroform	5.084	83	176050	4.741	ug/L	99

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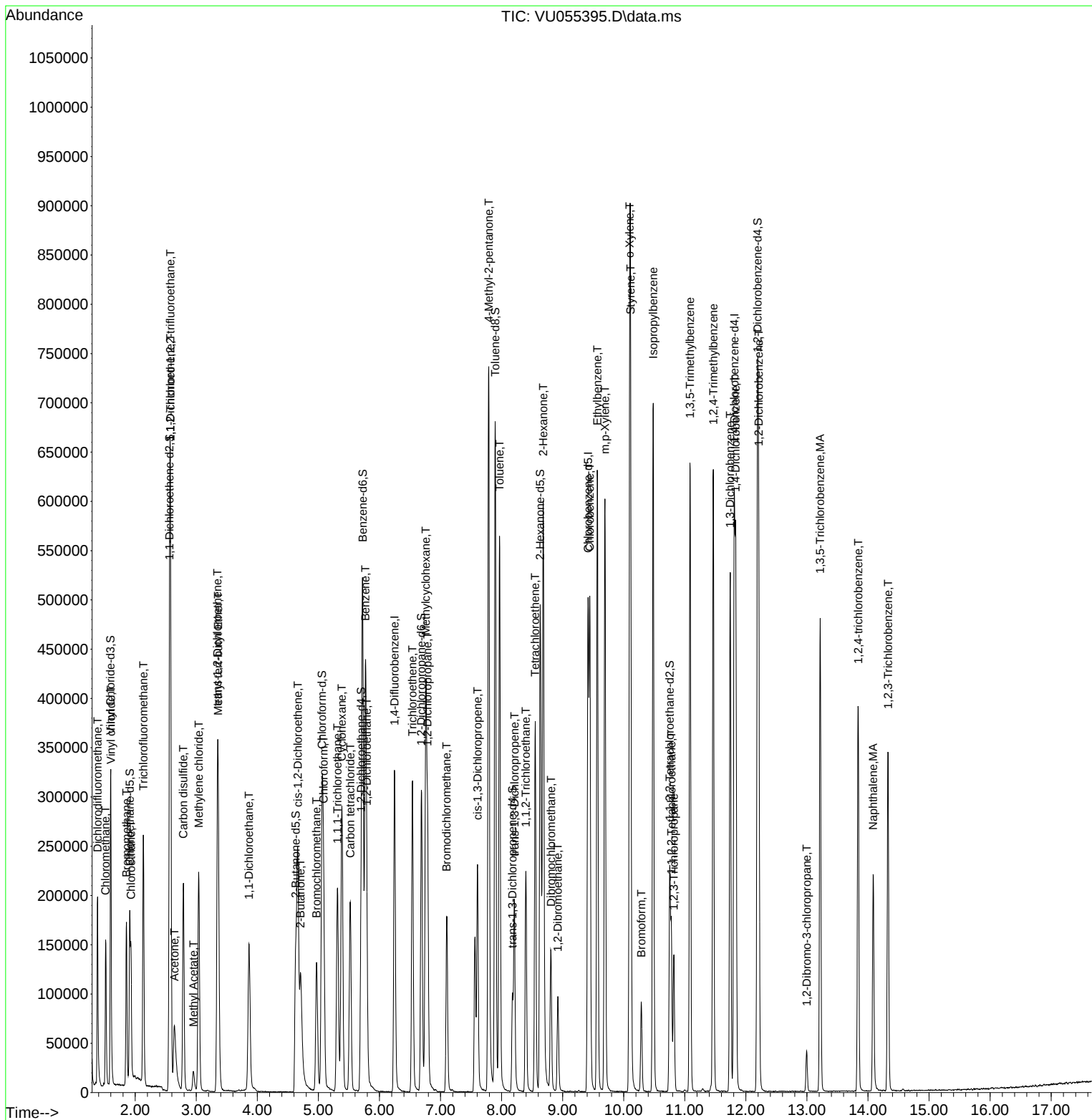
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 ClientSampleId :

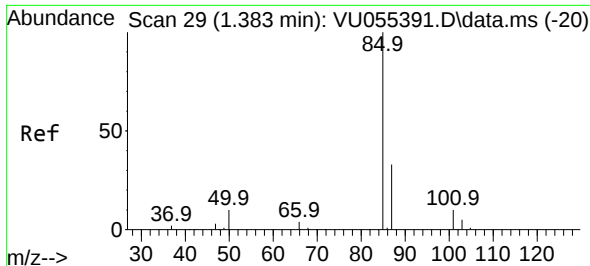
Quant Time: Sep 20 06:02:00 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	106611	4.682	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	152940	4.900	ug/L	99
30) Cyclohexane	5.383	56	141881	4.966	ug/L	98
31) Carbon tetrachloride	5.522	117	130807	4.889	ug/L	98
33) Benzene	5.769	78	392750	4.984	ug/L	100
34) Trichloroethene	6.541	95	108468	4.866	ug/L	99
35) Methylcyclohexane	6.760	83	161362	5.025	ug/L	98
37) 1,2-Dichloropropane	6.785	63	100225	4.863	ug/L	100
38) Bromodichloromethane	7.100	83	119191	4.935	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	141638	5.149	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	466081	49.855	ug/L	100
42) Toluene	7.965	91	423664	5.040	ug/L	100
44) trans-1,3-Dichloropropene	8.210	75	112294	5.103	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	70832	4.902	ug/L	97
47) Tetrachloroethene	8.550	164	79728	4.986	ug/L	98
48) 2-Hexanone	8.682	43	376280	51.933	ug/L	98
49) Dibromochloromethane	8.808	129	74231	4.900	ug/L	98
50) 1,2-Dibromoethane	8.920	107	66382	4.950	ug/L #	98
51) Chlorobenzene	9.444	112	264688	4.916	ug/L	98
52) Ethylbenzene	9.566	91	451928	5.015	ug/L	97
53) m,p-Xylene	9.692	106	172468	5.107	ug/L	99
54) o-Xylene	10.097	106	164743	5.018	ug/L	95
55) Styrene	10.113	104	277241	5.222	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	79058	4.846	ug/L	100
59) Bromoform	10.287	173	40126	4.991	ug/L	99
60) Isopropylbenzene	10.483	105	451190	5.219	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	55750	4.761	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	356316	5.154	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	352564	5.210	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	211399	5.108	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	211578	5.115	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	195350	5.148	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	10722	5.283	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	145994	5.122	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	118285	5.444	ug/L	99
71) Naphthalene	14.084	128	184859	5.876	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	105784	5.595	ug/L	99

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

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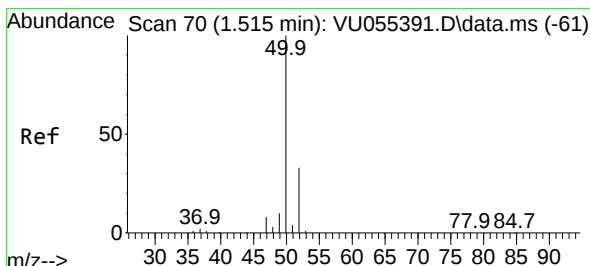
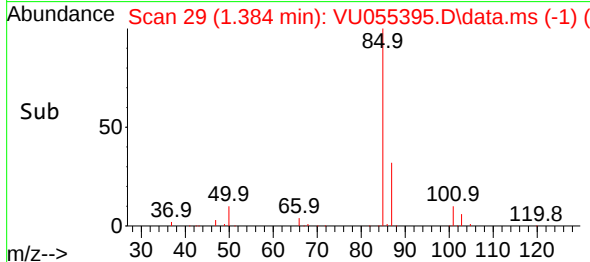
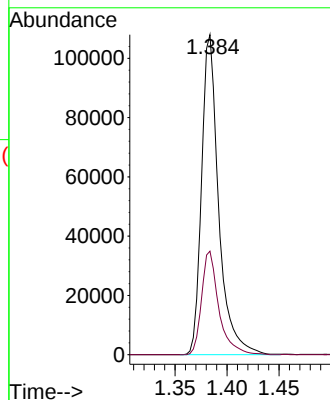
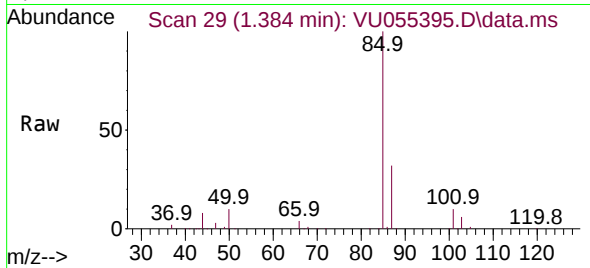




#2
 Dichlorodifluoromethane
 Concen: 4.722 ug/L
 RT: 1.384 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055395.D
 Acq: 19 Sep 2023 16:21

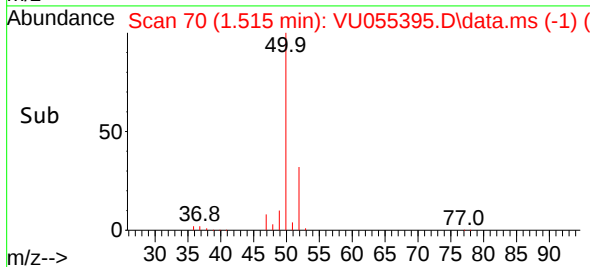
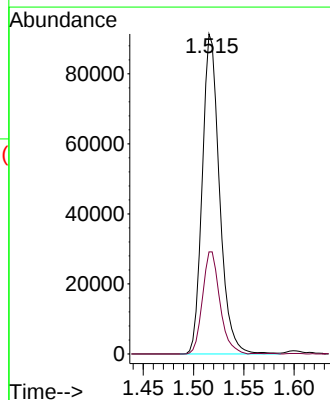
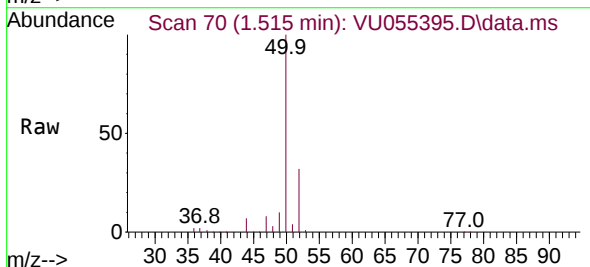
Instrument :
 MSVOA_U
 ClientSampleId :

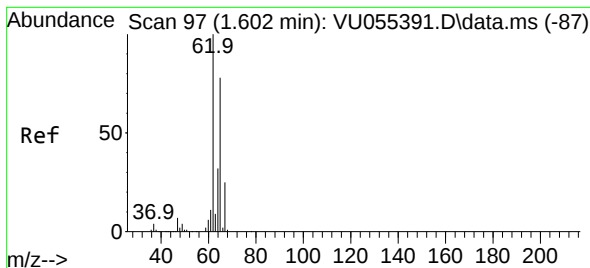
Tgt Ion: 85 Resp: 123695
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 4.723 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055395.D
 Acq: 19 Sep 2023 16:21

Tgt Ion: 50 Resp: 108846
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.9 42.5





#5

Vinyl chloride

Concen: 4.682 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

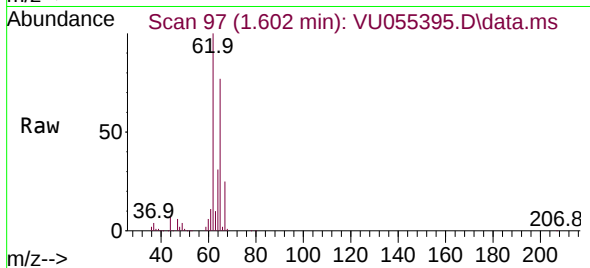
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Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

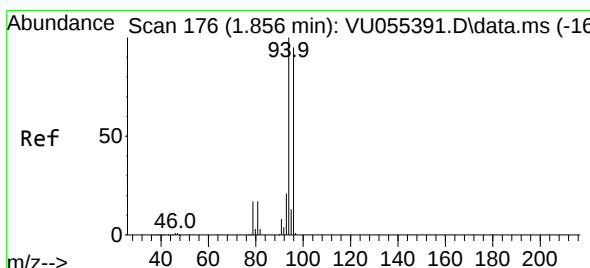
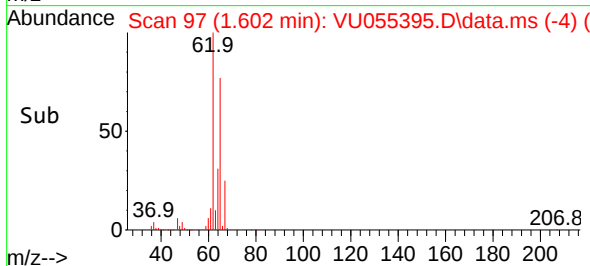
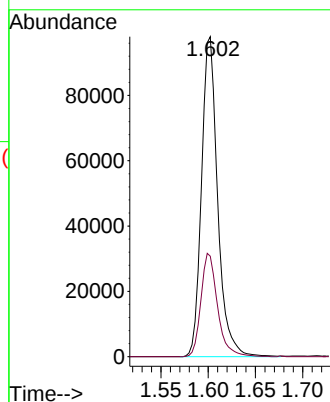


Tgt Ion: 62 Resp: 116416

Ion Ratio Lower Upper

62 100

64 31.4 22.3 41.5



#6

Bromomethane

Concen: 4.770 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU055395.D

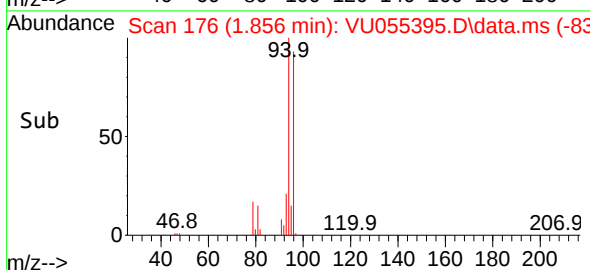
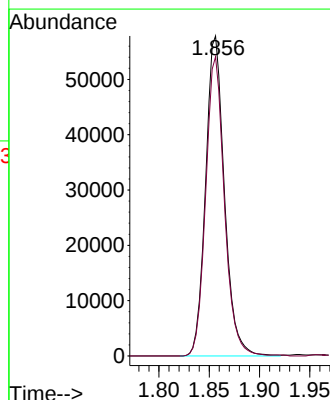
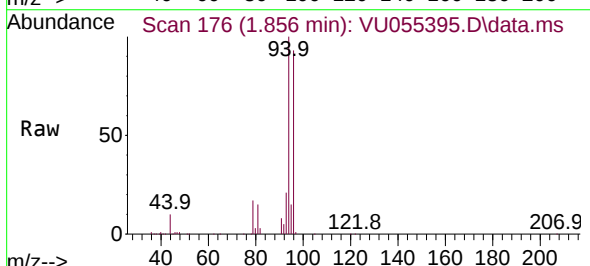
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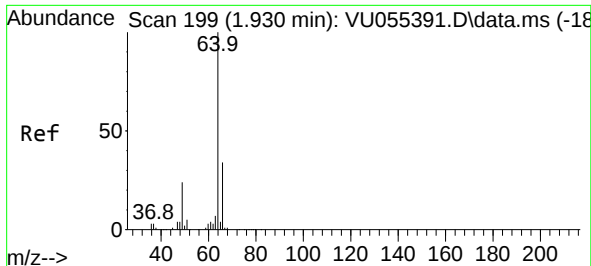
Tgt Ion: 94 Resp: 75329

Ion Ratio Lower Upper

94 100

96 93.5 66.4 123.2





#8

Chloroethane

Concen: 4.734 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

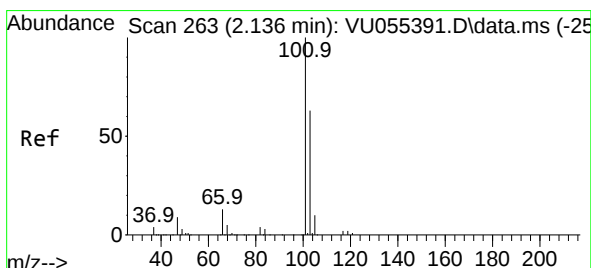
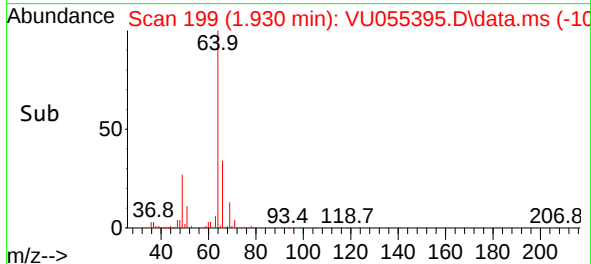
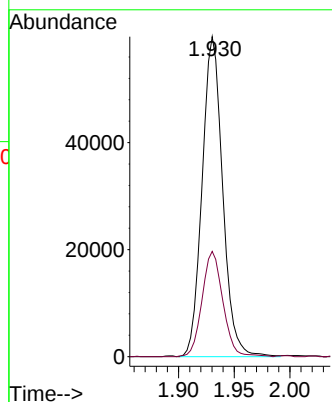
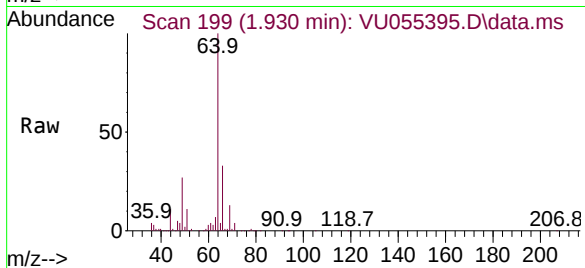
ClientSampleId :

Tgt Ion: 64 Resp: 76810

Ion Ratio Lower Upper

64 100

66 32.9 23.7 44.1



#9

Trichlorofluoromethane

Concen: 4.679 ug/L

RT: 2.133 min Scan# 262

Delta R.T. -0.003 min

Lab File: VU055395.D

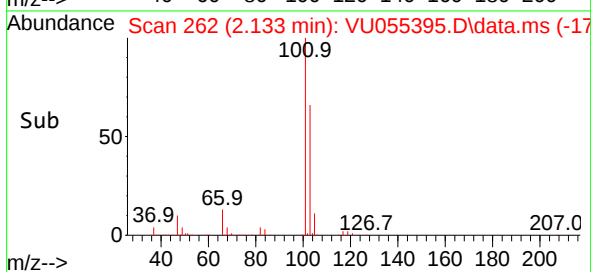
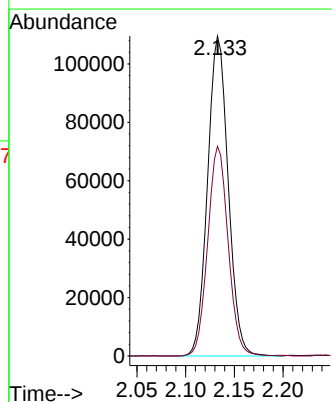
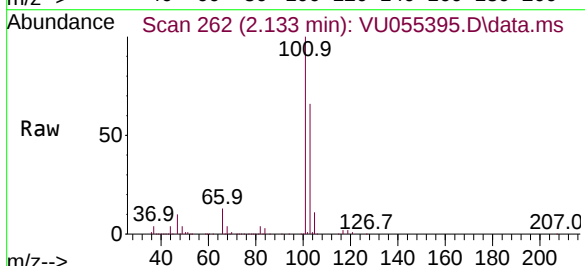
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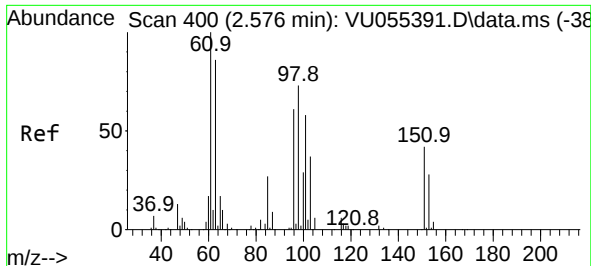
Tgt Ion: 101 Resp: 161324

Ion Ratio Lower Upper

101 100

103 64.8 52.0 78.0

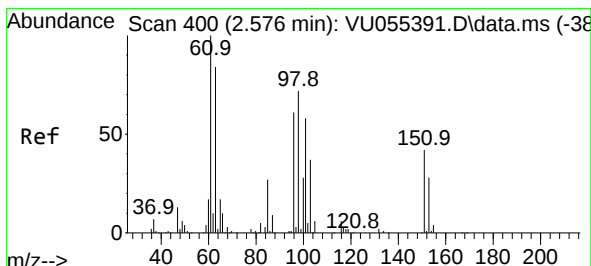
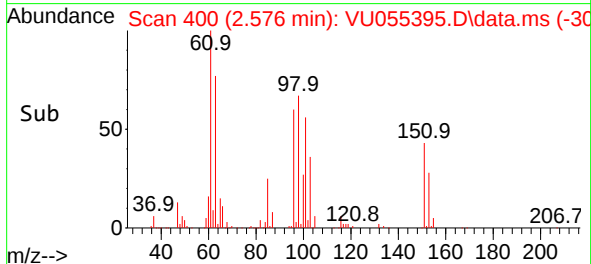
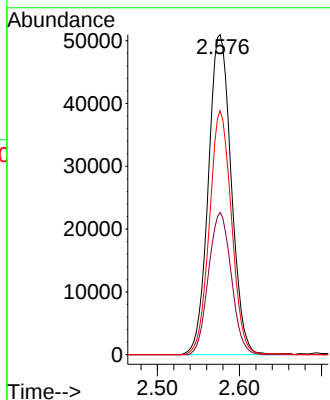
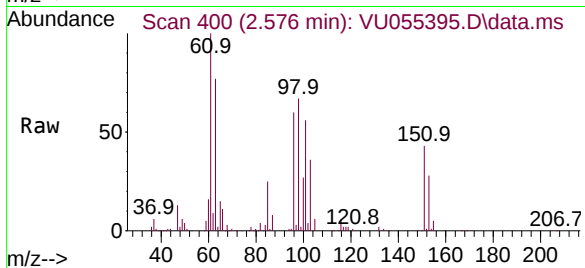




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.706 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055395.D
 Acq: 19 Sep 2023 16:21

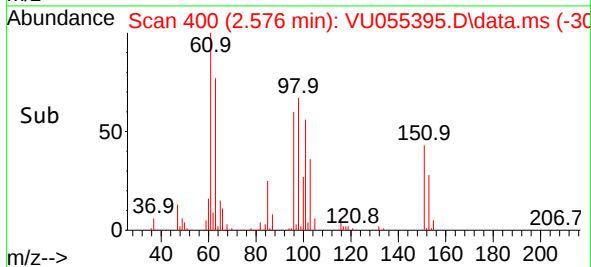
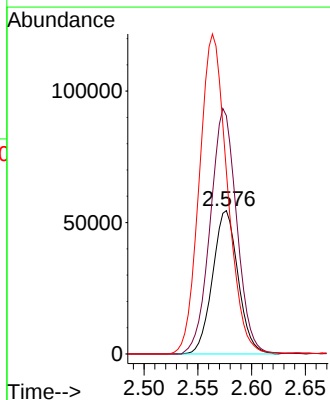
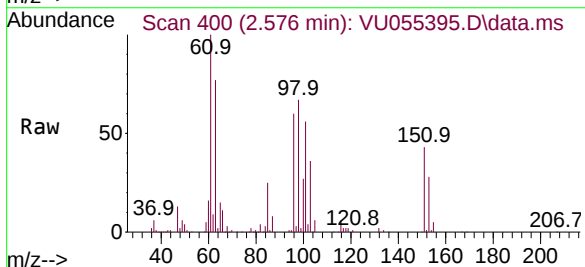
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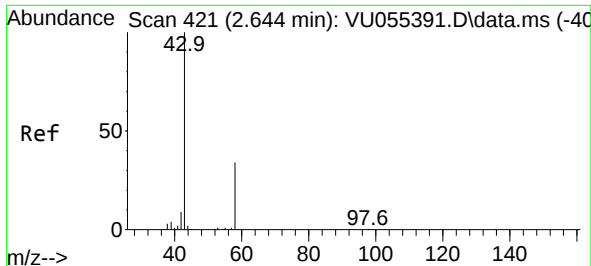
Tgt Ion:101 Resp: 98724
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.8 53.6
 151 73.5 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.783 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055395.D
 Acq: 19 Sep 2023 16:21

Tgt Ion: 96 Resp: 89986
 Ion Ratio Lower Upper
 96 100
 61 166.1 114.5 212.7
 63 127.3 98.3 182.5





#13

Acetone

Concen: 44.161 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

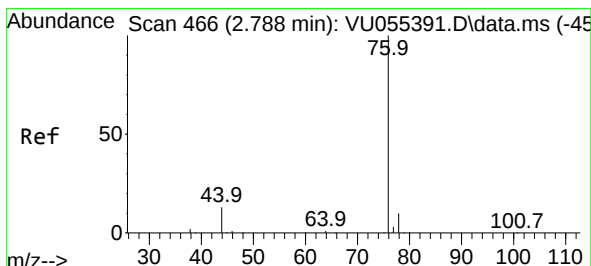
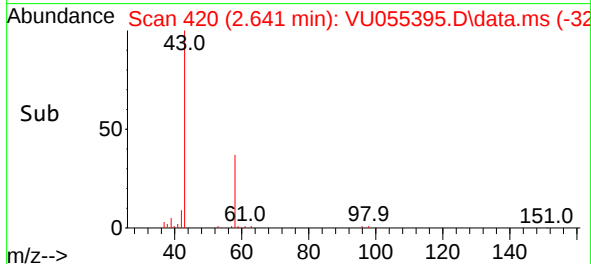
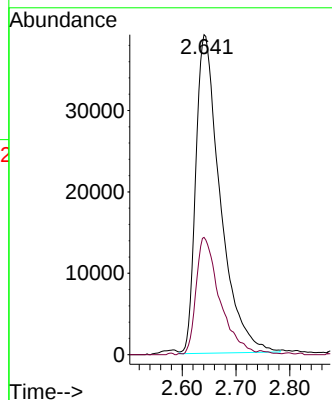
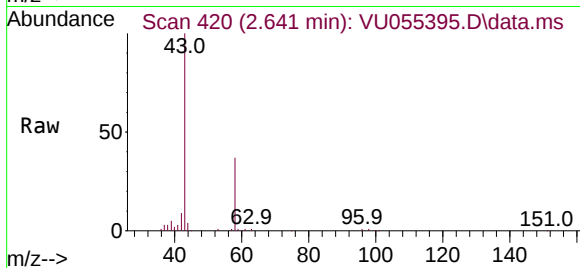
ClientSampleId :

Tgt Ion: 43 Resp: 123656

Ion Ratio Lower Upper

43 100

58 35.6 0.0 72.2



#14

Carbon disulfide

Concen: 4.853 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055395.D

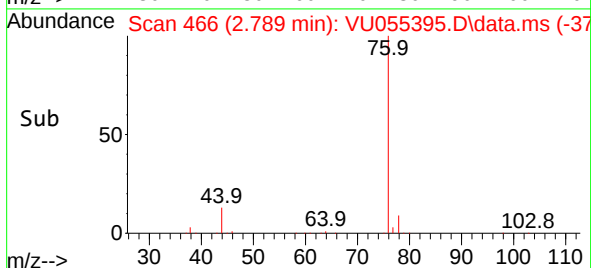
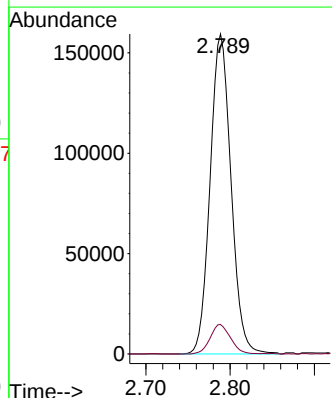
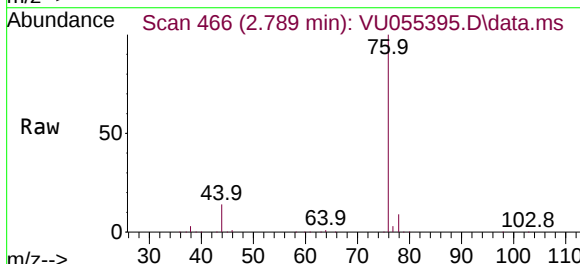
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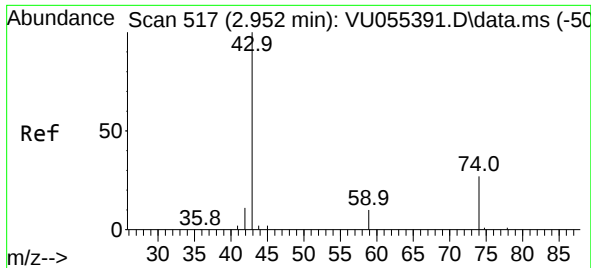
Tgt Ion: 76 Resp: 274457

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

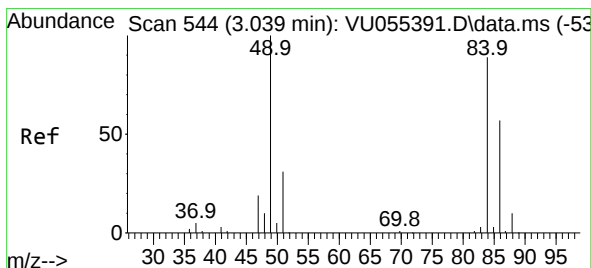
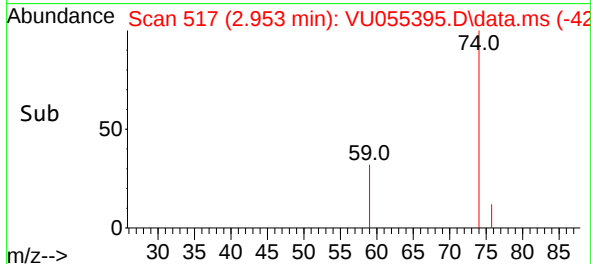
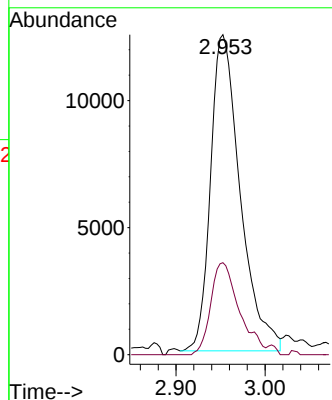
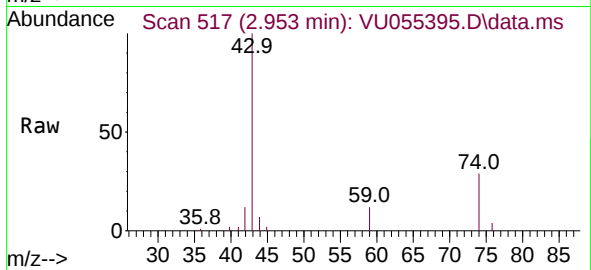




#15
Methyl Acetate
Concen: 4.513 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

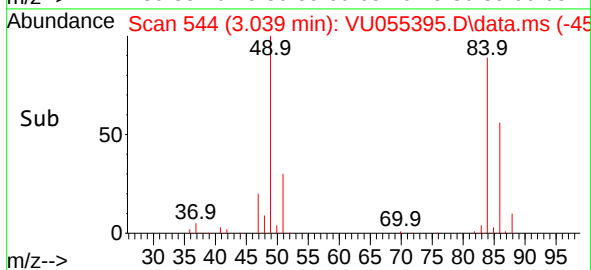
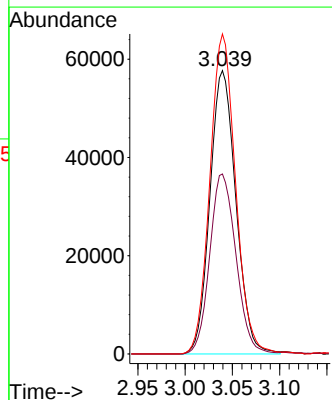
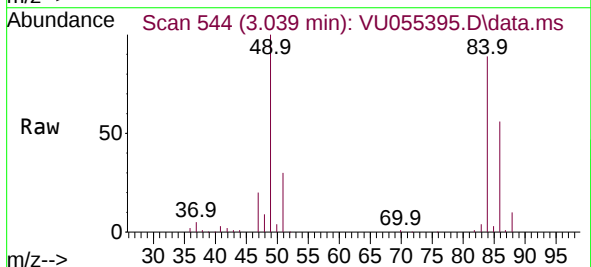
Instrument :
MSVOA_U
ClientSampleId :

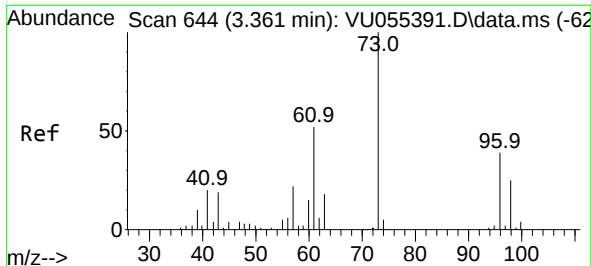
Tgt Ion: 43 Resp: 28810
Ion Ratio Lower Upper
43 100
74 27.9 22.3 33.5



#16
Methylene chloride
Concen: 4.899 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

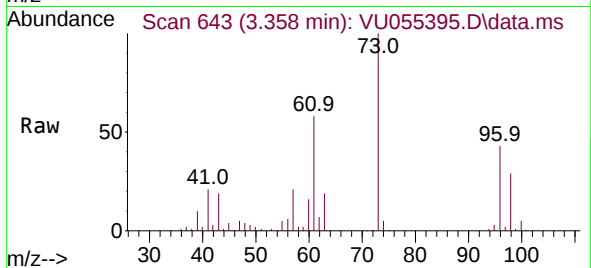
Tgt Ion: 84 Resp: 110415
Ion Ratio Lower Upper
84 100
86 63.5 44.9 83.3
49 112.9 78.8 146.3





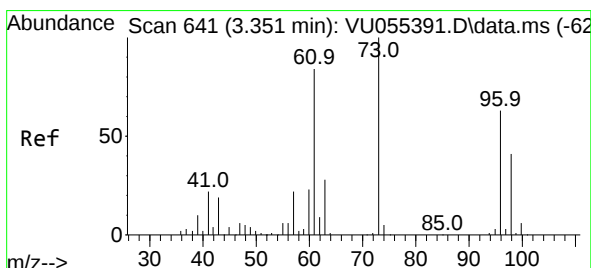
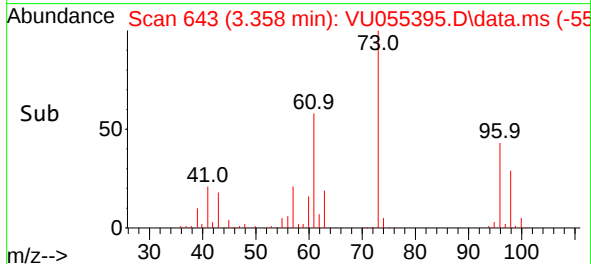
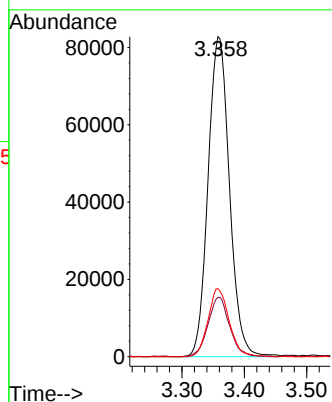
#17
Methyl tert-butyl Ether
Concen: 4.832 ug/L
RT: 3.358 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 197219

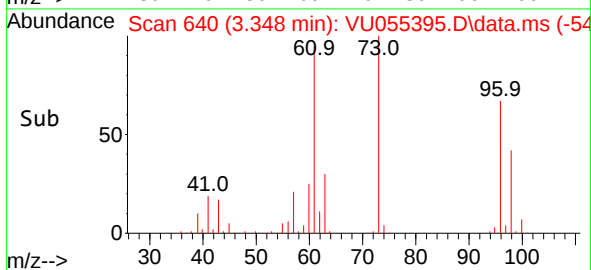
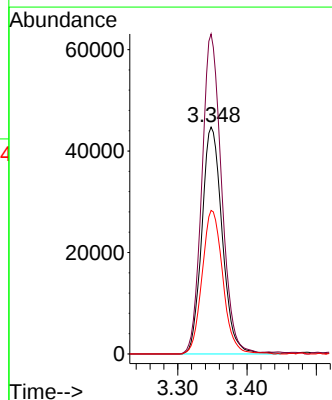
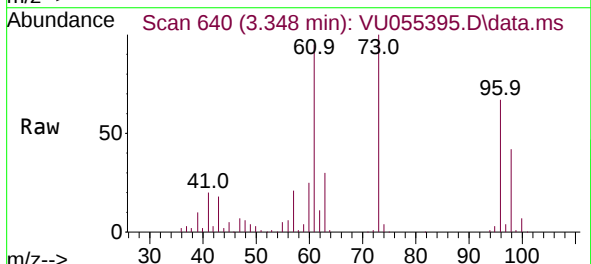
Ion	Ratio	Lower	Upper
73	100		
43	18.8	14.9	22.3
57	21.0	17.3	25.9

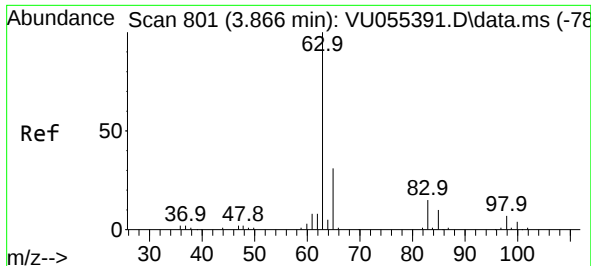


#18
trans-1,2-Dichloroethene
Concen: 4.820 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

Tgt Ion: 96 Resp: 91398

Ion	Ratio	Lower	Upper
96	100		
61	141.1	94.6	175.6
98	63.2	45.7	84.9





#19

1,1-Dichloroethane

Concen: 4.837 ug/L

RT: 3.863 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU055395.D

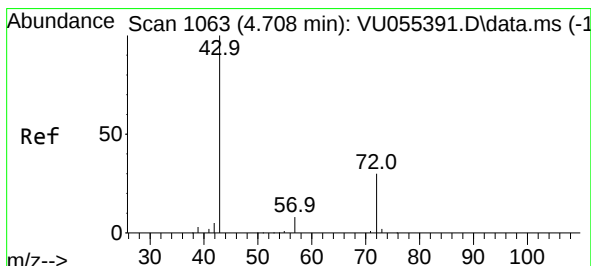
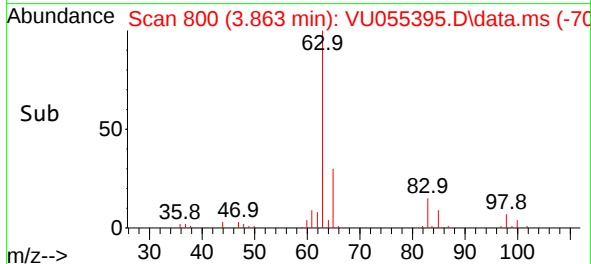
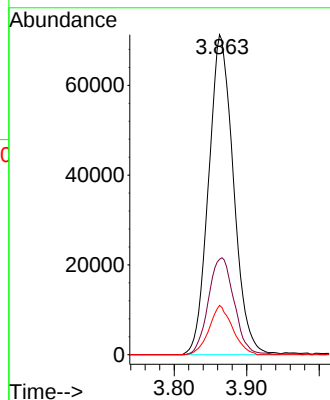
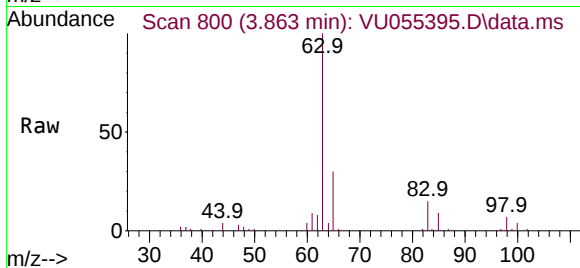
Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	169635
Ion Ratio	Lower	Upper	
63	100		
65	29.8	22.0	41.0
83	15.4	10.1	18.9



#21

2-Butanone

Concen: 46.531 ug/L

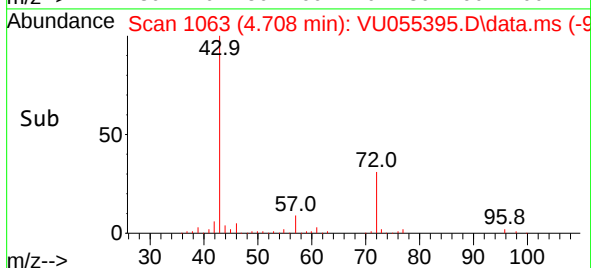
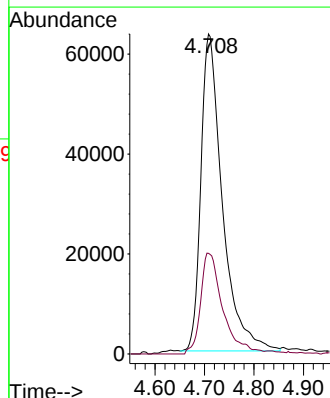
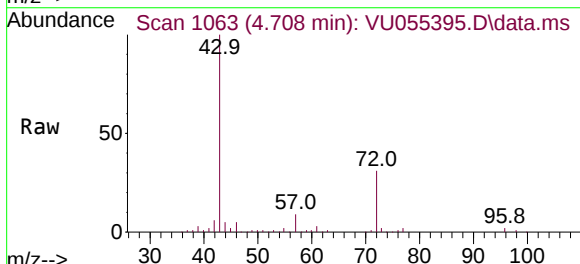
RT: 4.708 min Scan# 1063

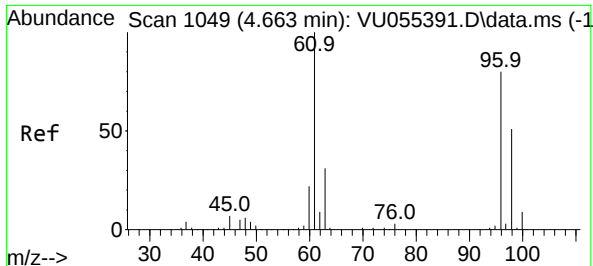
Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

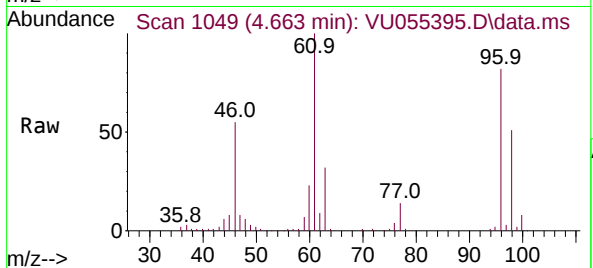
Tgt Ion:	43	Resp:	191098
Ion Ratio	Lower	Upper	
43	100		
72	32.7	15.1	45.3



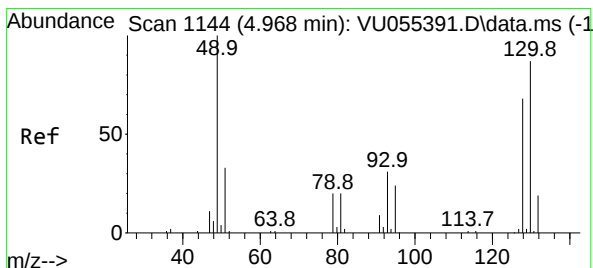
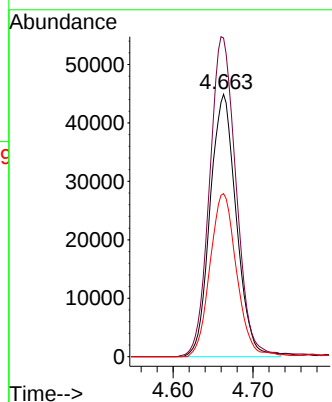
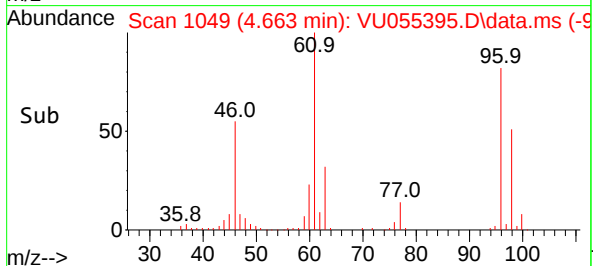


#22
 cis-1,2-Dichloroethene
 Concen: 4.646 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055395.D
 Acq: 19 Sep 2023 16:21

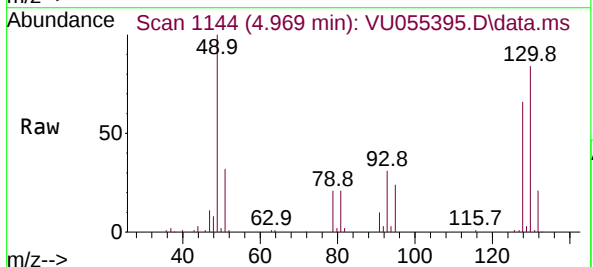
Instrument :
 MSVOA_U
 ClientSampleId :



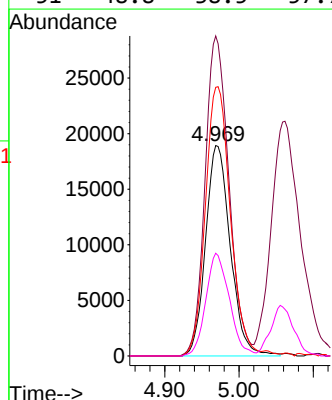
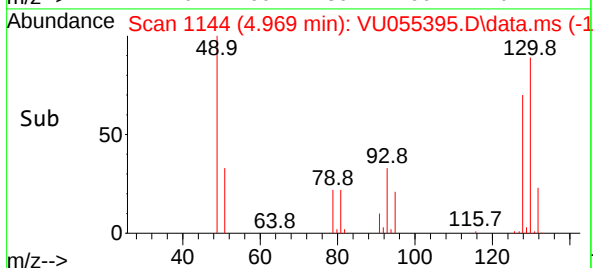
Tgt Ion: 96 Resp: 102152
 Ion Ratio Lower Upper
 96 100
 61 121.5 87.8 163.2
 98 62.1 44.4 82.4

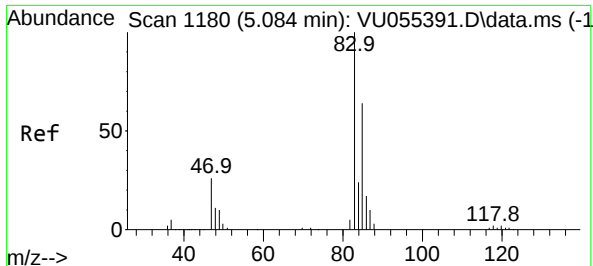


#23
 Bromochloromethane
 Concen: 4.716 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU055395.D
 Acq: 19 Sep 2023 16:21



Tgt Ion: 128 Resp: 43822
 Ion Ratio Lower Upper
 128 100
 49 152.0 102.8 191.0
 130 127.7 89.9 166.9
 51 48.8 38.5 57.7





#25

Chloroform

Concen: 4.741 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

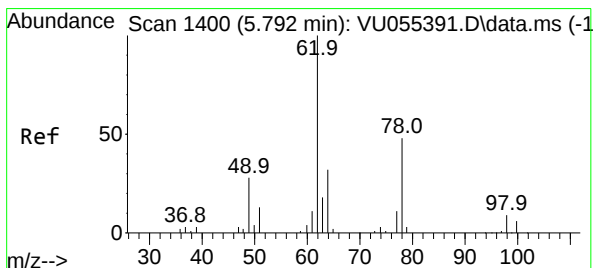
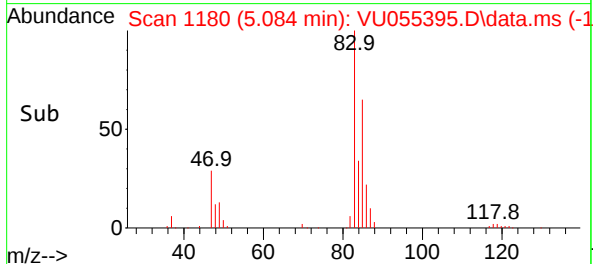
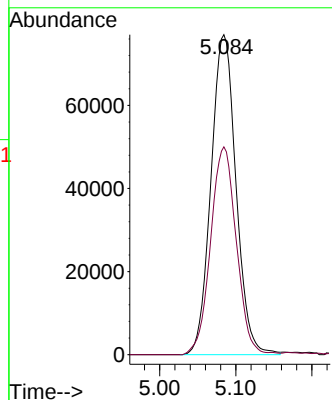
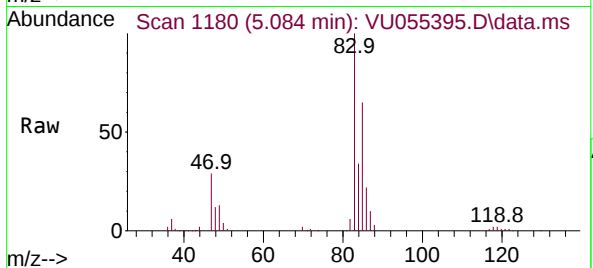
ClientSampleId :

Tgt Ion: 83 Resp: 176050

Ion Ratio Lower Upper

83 100

85 65.0 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.682 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU055395.D

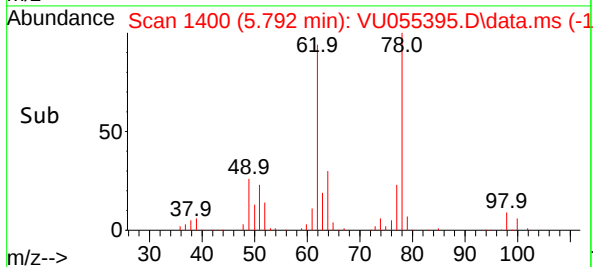
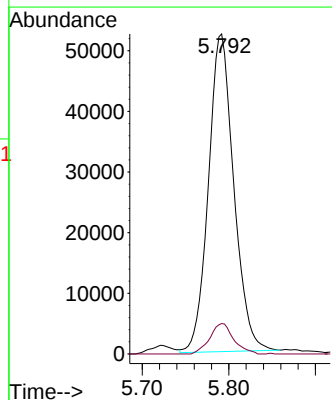
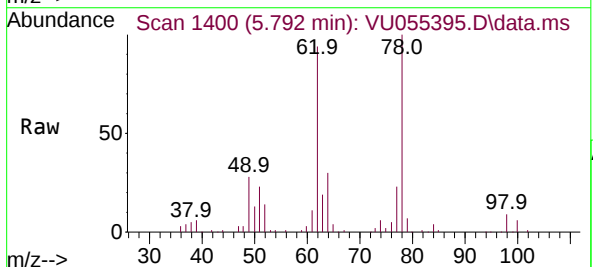
Acq: 19 Sep 2023 16:21

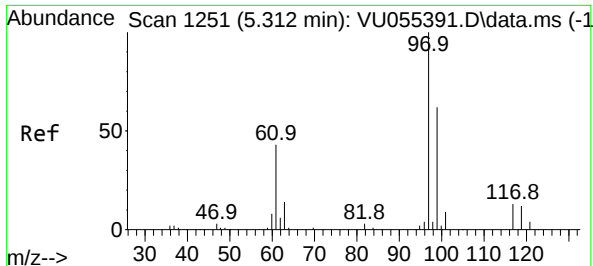
Tgt Ion: 62 Resp: 106611

Ion Ratio Lower Upper

62 100

98 9.5 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 4.900 ug/L

RT: 5.313 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

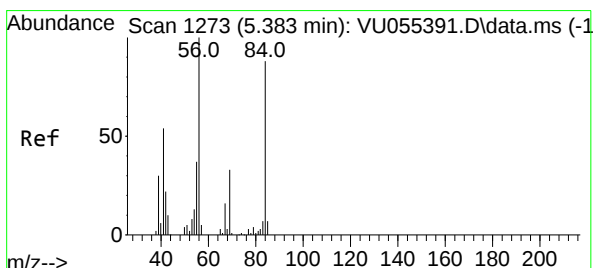
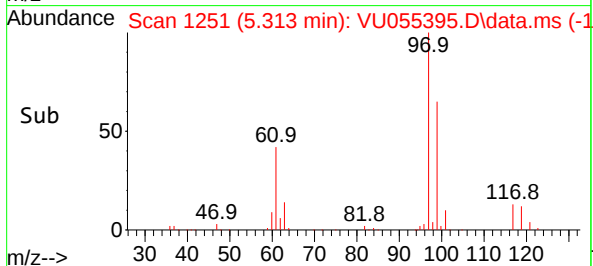
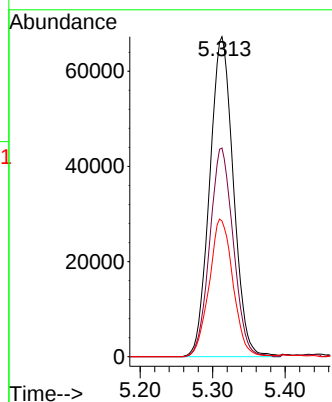
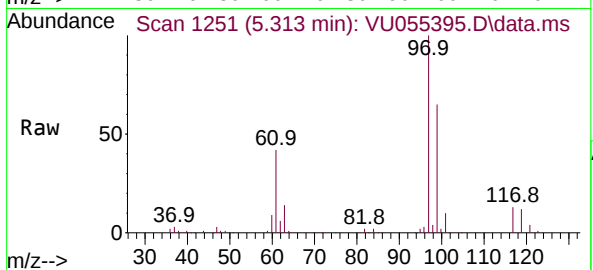
Tgt Ion: 97 Resp: 152940

Ion Ratio Lower Upper

97 100

99 64.9 50.7 76.1

61 43.1 34.6 51.8



#30

Cyclohexane

Concen: 4.966 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

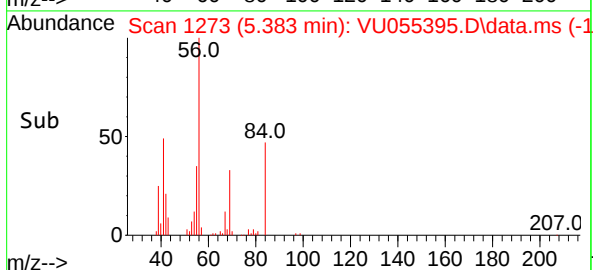
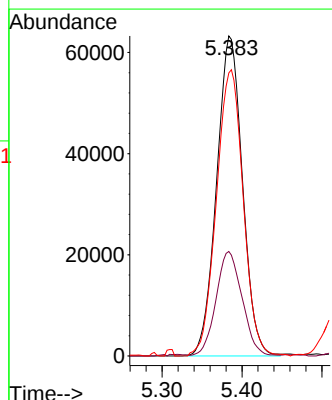
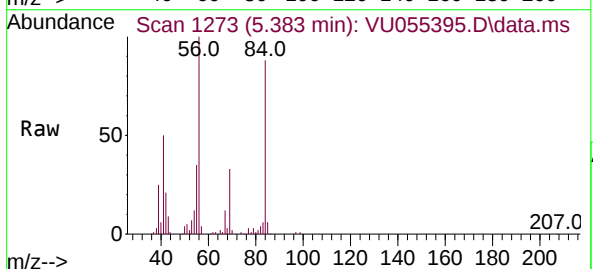
Tgt Ion: 56 Resp: 141881

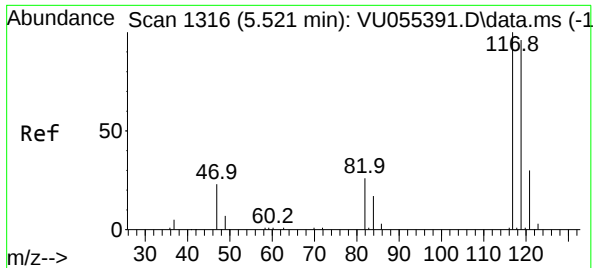
Ion Ratio Lower Upper

56 100

69 32.4 26.5 39.7

84 92.8 72.6 108.8

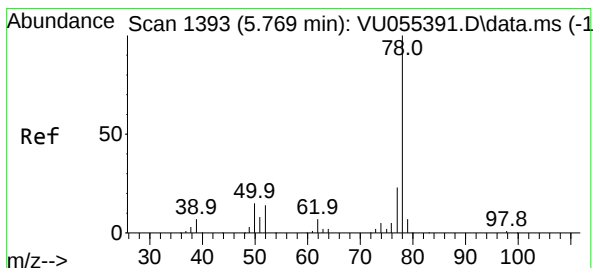
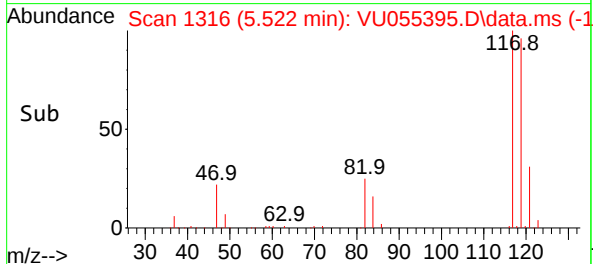
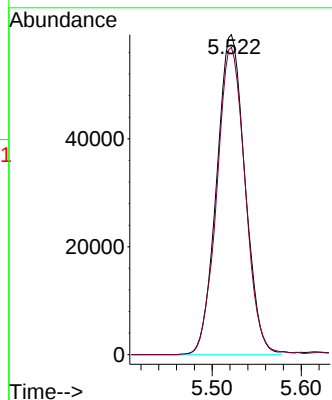
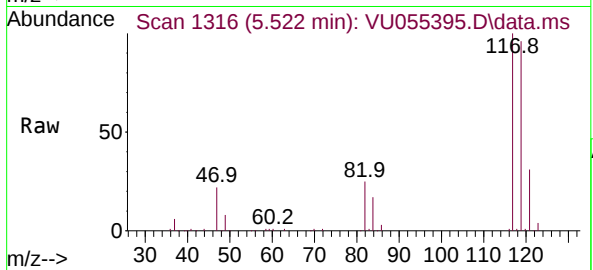




#31
Carbon tetrachloride
Concen: 4.889 ug/L
RT: 5.522 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

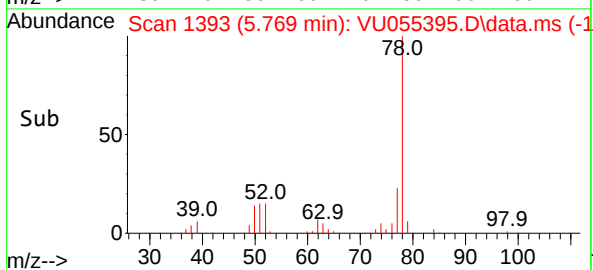
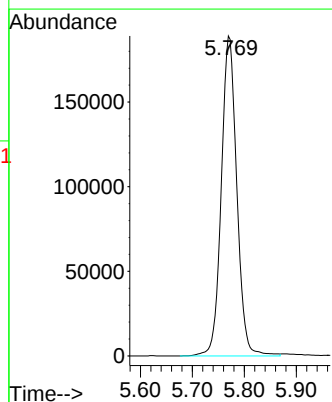
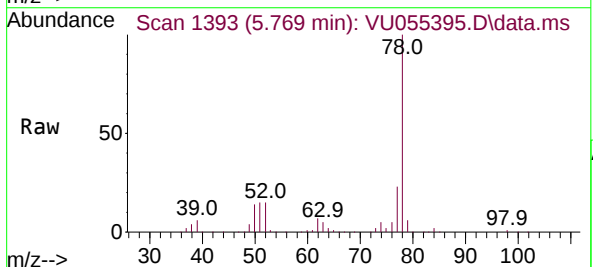
Instrument :
MSVOA_U
ClientSampleId :

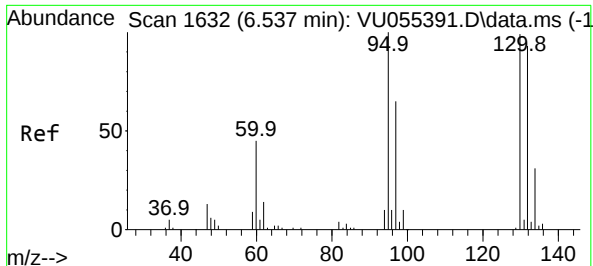
Tgt Ion:117 Resp: 130807
Ion Ratio Lower Upper
117 100
119 96.2 75.2 112.8



#33
Benzene
Concen: 4.984 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

Tgt Ion: 78 Resp: 392750





#34

Trichloroethene

Concen: 4.866 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

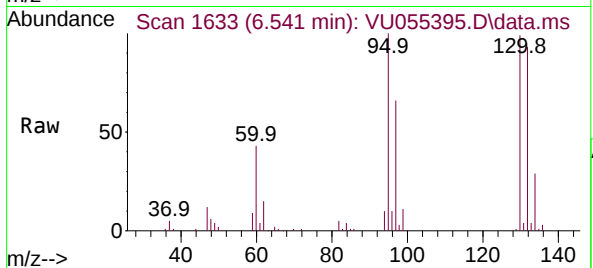
Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 108468

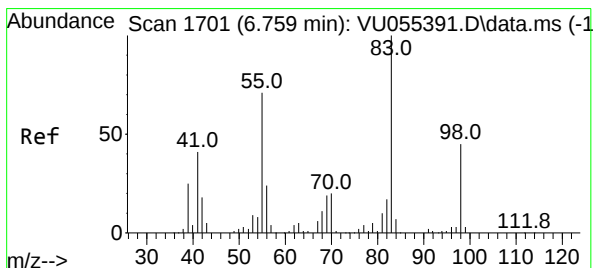
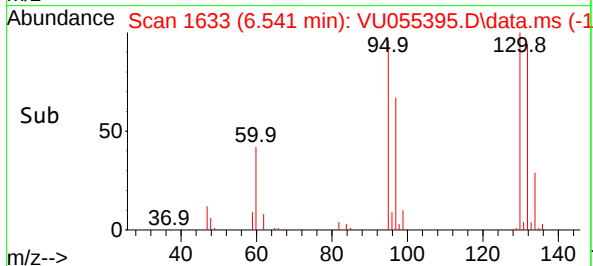
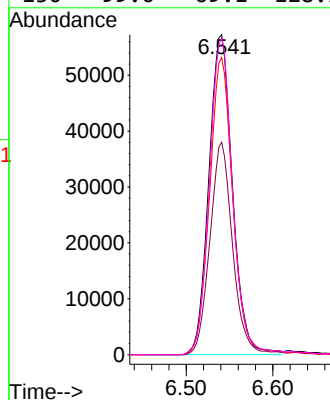
Ion Ratio Lower Upper

95 100

97 66.4 45.4 84.2

132 92.9 65.2 121.2

130 99.0 69.1 128.3



#35

Methylcyclohexane

Concen: 5.025 ug/L

RT: 6.760 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

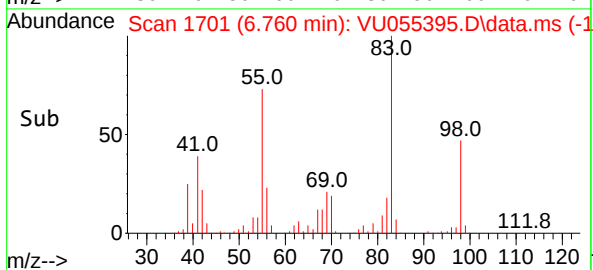
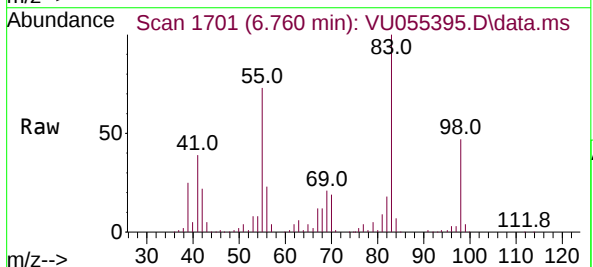
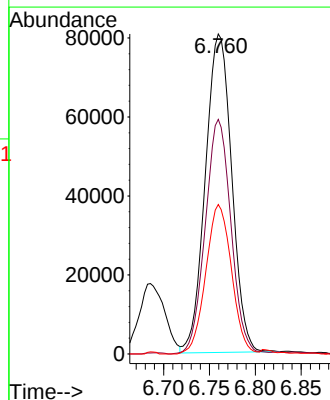
Tgt Ion: 83 Resp: 161362

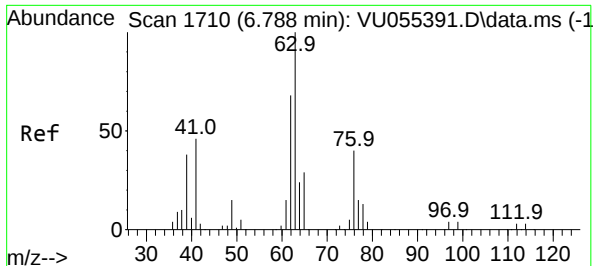
Ion Ratio Lower Upper

83 100

55 72.1 59.1 88.7

98 45.7 36.3 54.5





#37

1,2-Dichloropropane

Concen: 4.863 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

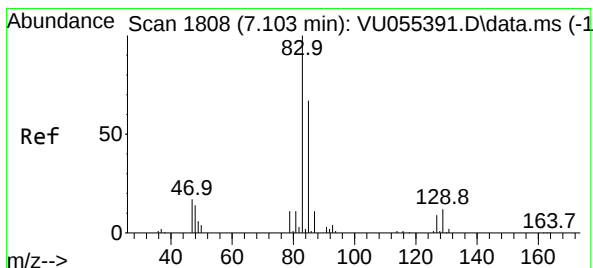
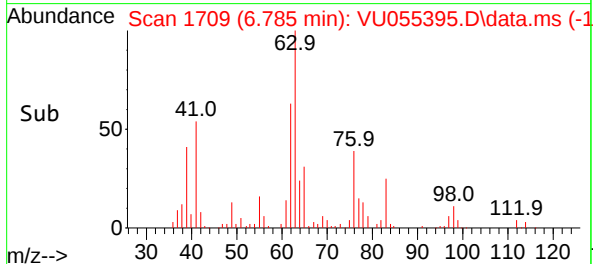
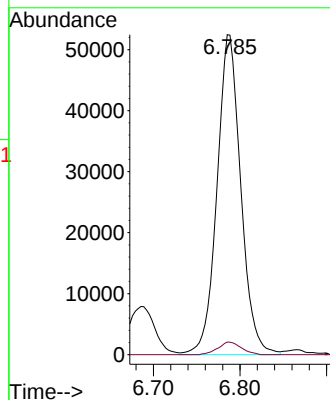
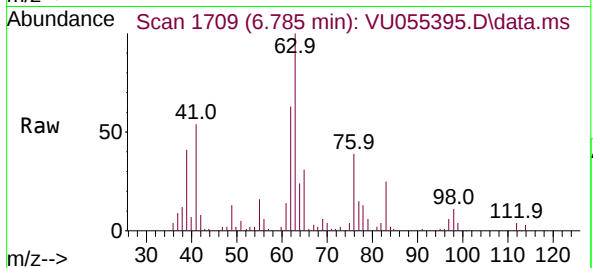
ClientSampleId :

Tgt Ion: 63 Resp: 100225

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 4.935 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

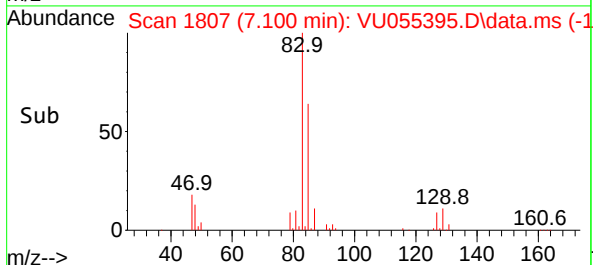
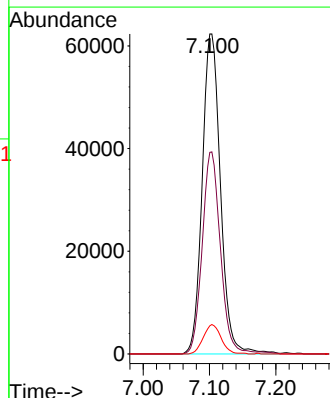
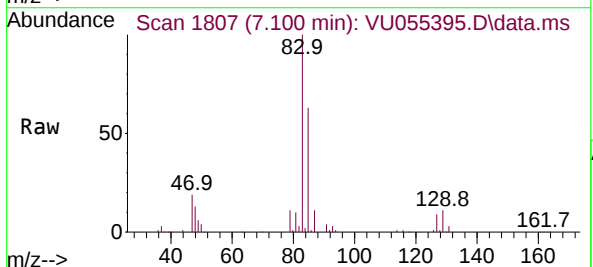
Tgt Ion: 83 Resp: 119191

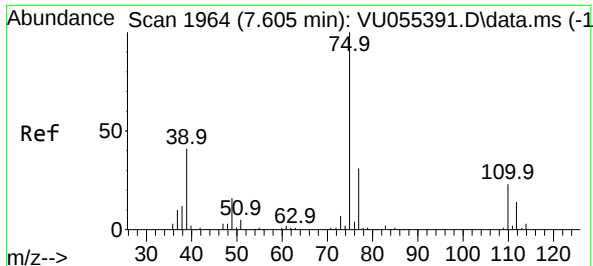
Ion Ratio Lower Upper

83 100

85 63.0 46.8 86.8

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.149 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

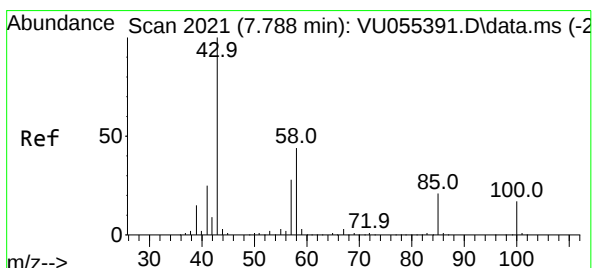
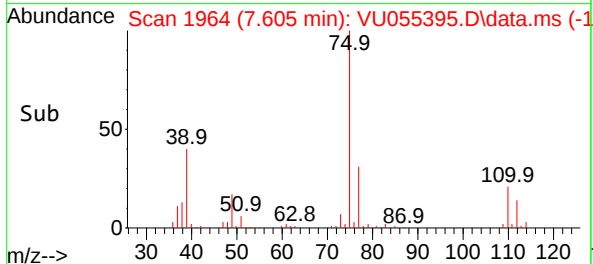
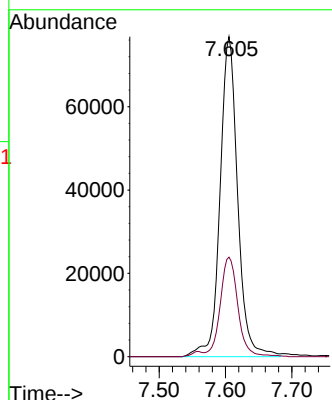
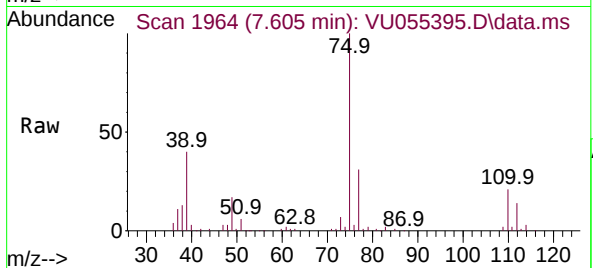
ClientSampleId :

Tgt Ion: 75 Resp: 141638

Ion Ratio Lower Upper

75 100

77 31.1 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 49.855 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

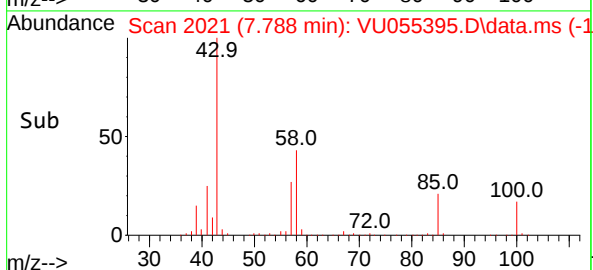
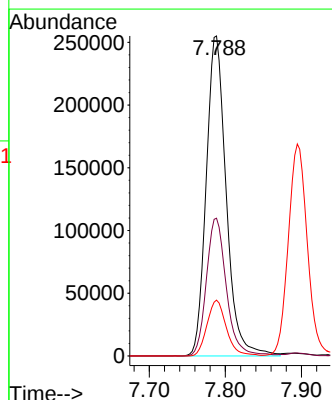
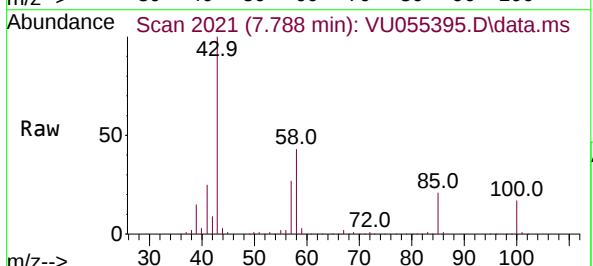
Tgt Ion: 43 Resp: 466081

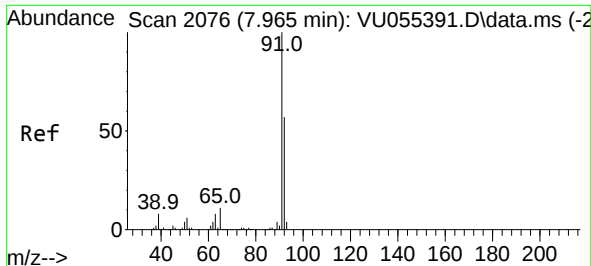
Ion Ratio Lower Upper

43 100

58 43.0 34.2 51.4

100 16.9 13.4 20.0





#42

Toluene

Concen: 5.040 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

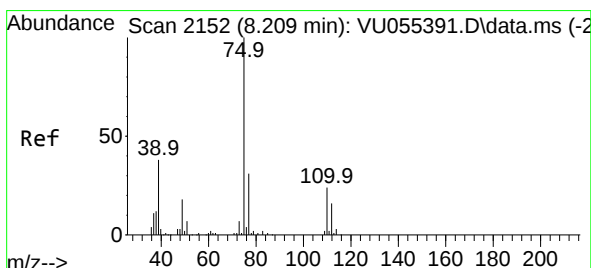
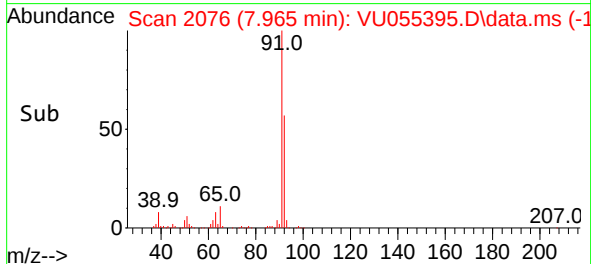
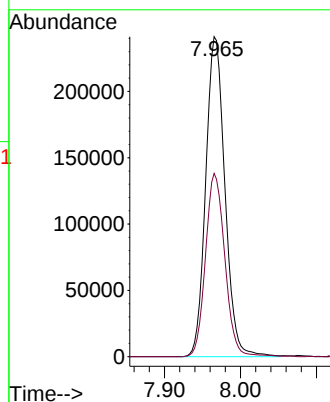
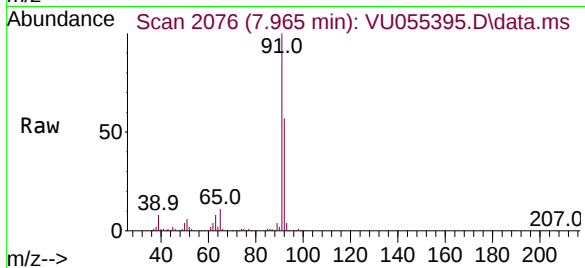
ClientSampleId :

Tgt Ion: 91 Resp: 423664

Ion Ratio Lower Upper

91 100

92 57.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.103 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055395.D

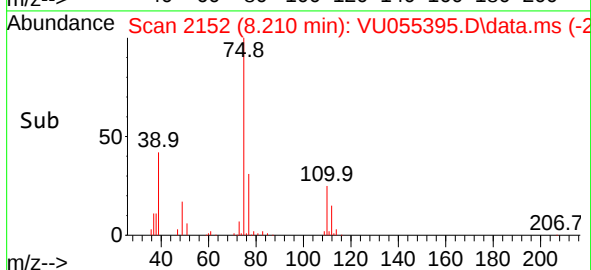
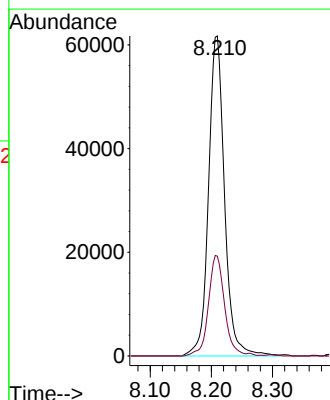
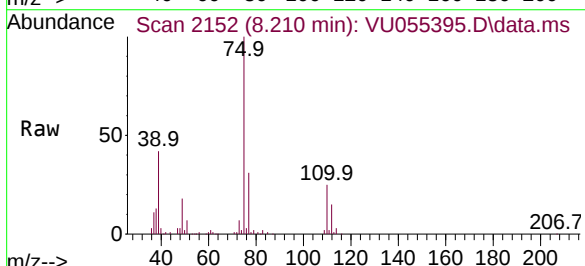
Acq: 19 Sep 2023 16:21

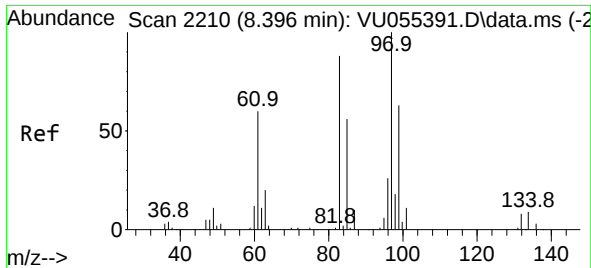
Tgt Ion: 75 Resp: 112294

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4

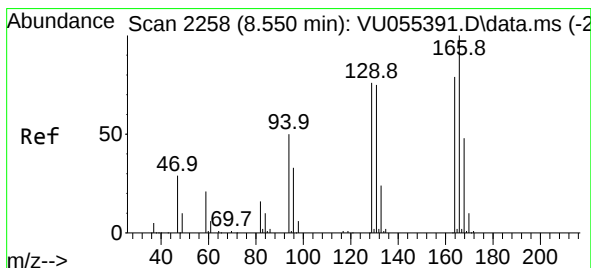
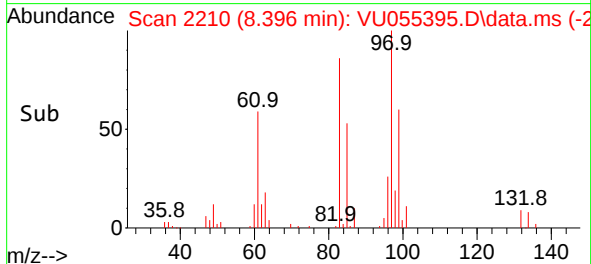
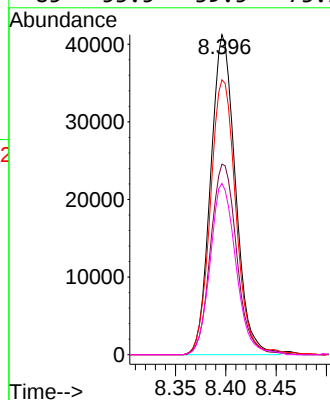
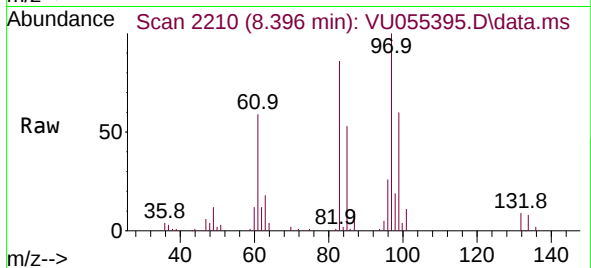




#45
1,1,2-Trichloroethane
Concen: 4.902 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

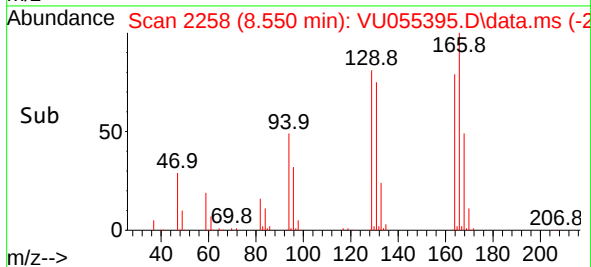
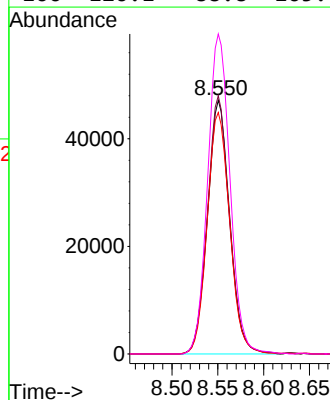
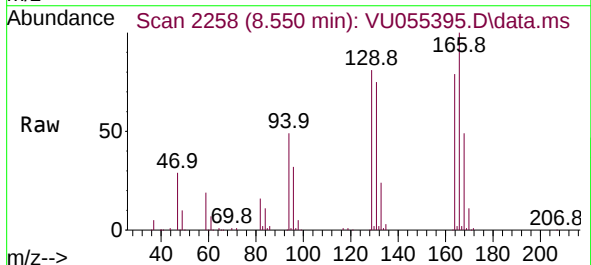
Instrument :
MSVOA_U
ClientSampleId :

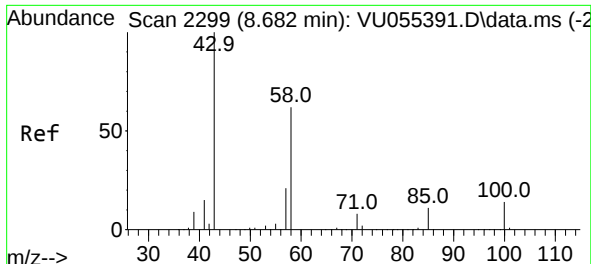
Tgt Ion:	97	Resp:	70832
Ion	Ratio	Lower	Upper
97	100		
99	59.6	44.1	81.9
83	85.9	61.5	114.1
85	53.5	39.5	73.3



#47
Tetrachloroethene
Concen: 4.986 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

Tgt Ion:	164	Resp:	79728
Ion	Ratio	Lower	Upper
164	100		
129	101.7	67.4	125.2
131	95.2	66.4	123.2
166	126.1	88.8	165.0

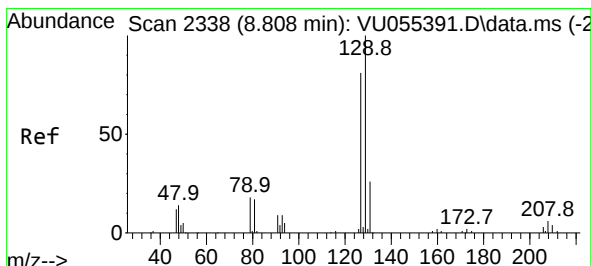
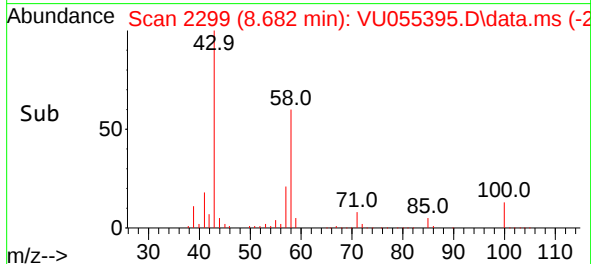
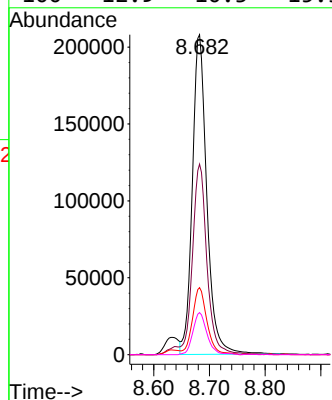
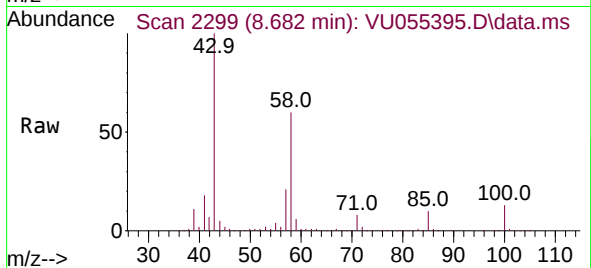




#48
2-Hexanone
Concen: 51.933 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

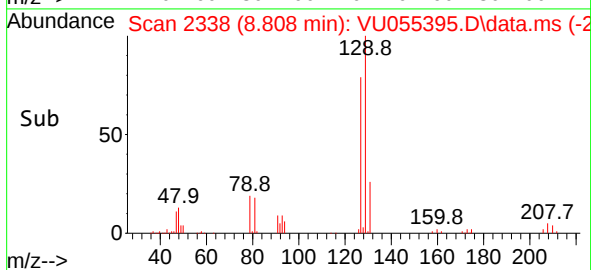
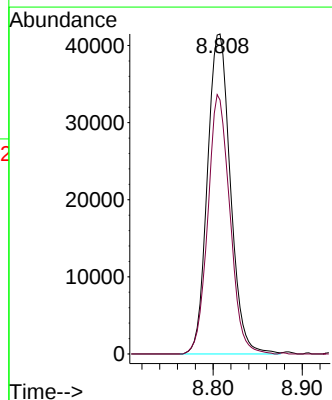
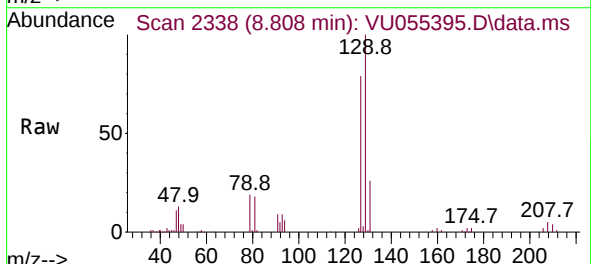
Instrument :
MSVOA_U
ClientSampleId :

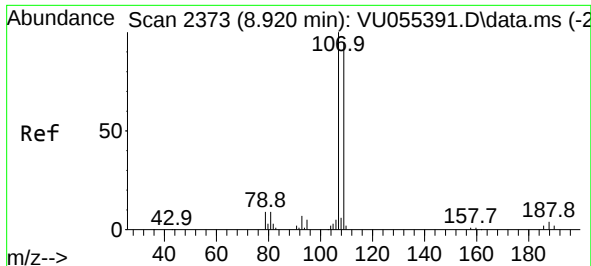
Tgt Ion: 43 Resp: 376280
Ion Ratio Lower Upper
43 100
58 58.8 48.5 72.7
57 21.2 17.0 25.4
100 12.9 10.3 15.5



#49
Dibromochloromethane
Concen: 4.900 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

Tgt Ion: 129 Resp: 74231
Ion Ratio Lower Upper
129 100
127 79.3 56.8 105.6





#50

1,2-Dibromoethane

Concen: 4.950 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

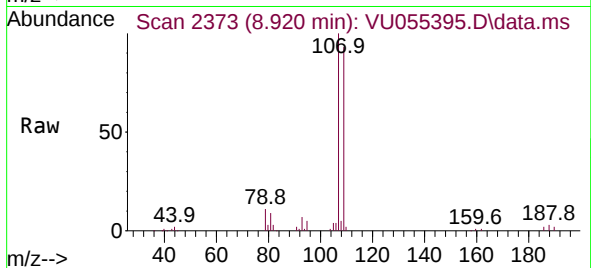
Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

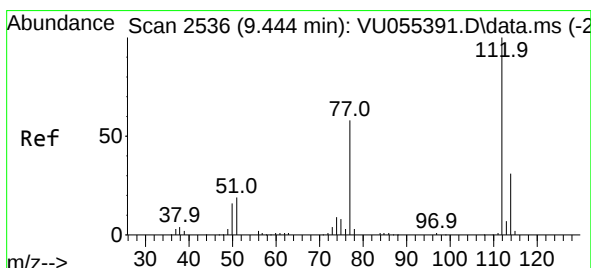
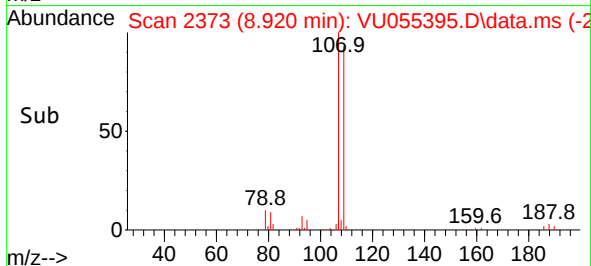
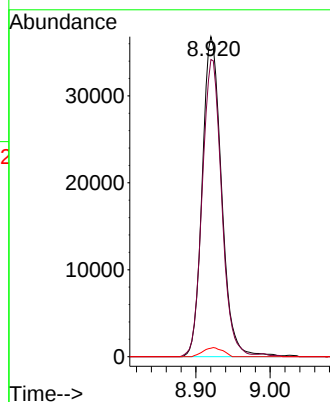
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	66382
Ion Ratio	Lower	Upper	
107	100		
109	92.8	66.1	122.8
188	2.7	3.2	4.8#



#51

Chlorobenzene

Concen: 4.916 ug/L

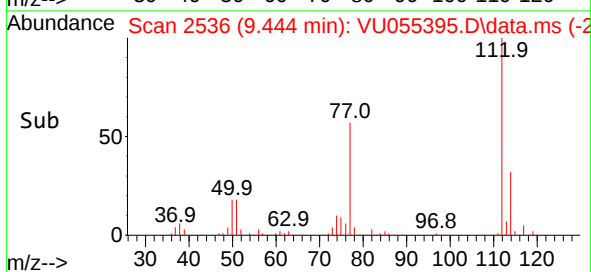
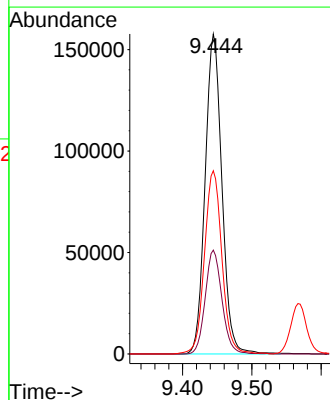
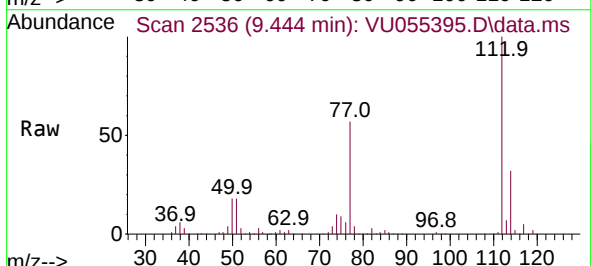
RT: 9.444 min Scan# 2536

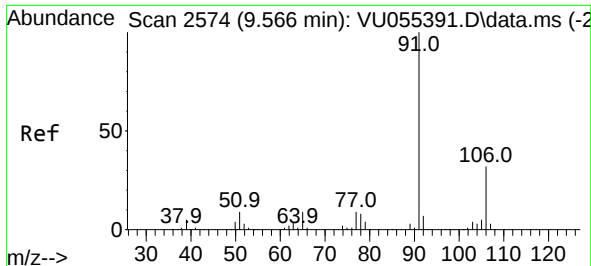
Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

Tgt Ion:	112	Resp:	264688
Ion Ratio	Lower	Upper	
112	100		
114	32.5	22.0	40.8
77	57.2	46.9	70.3

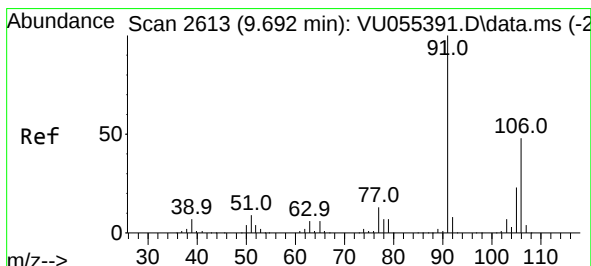
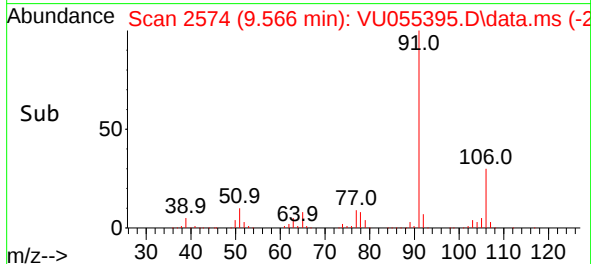
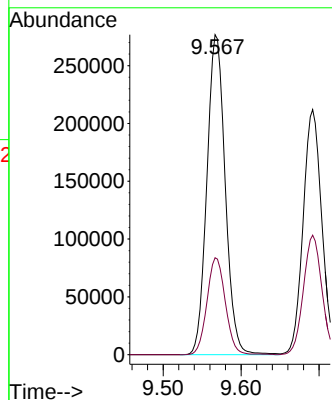
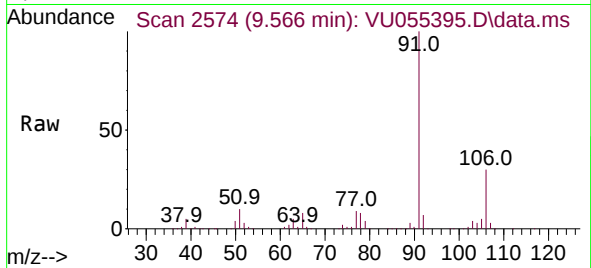




#52
Ethylbenzene
Concen: 5.015 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

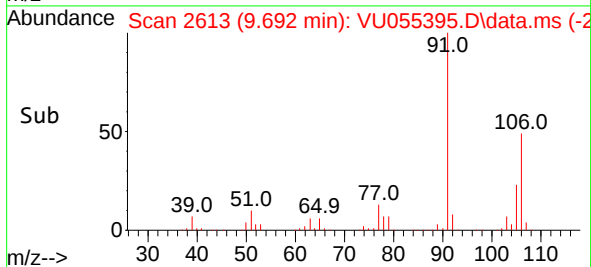
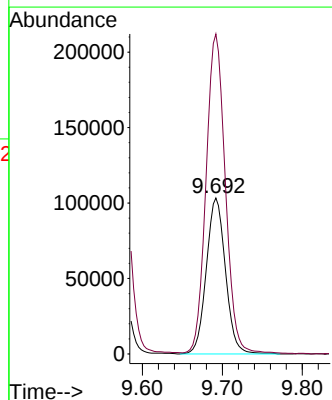
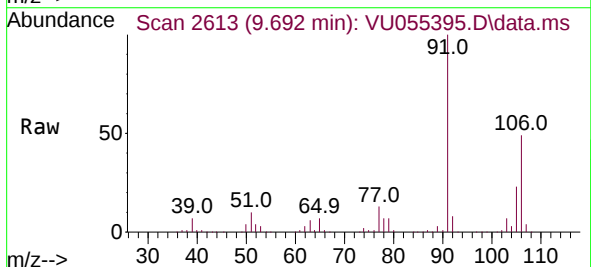
Instrument :
MSVOA_U
ClientSampleId :

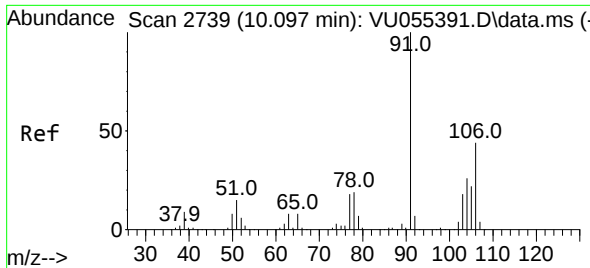
Tgt Ion: 91 Resp: 451928
Ion Ratio Lower Upper
91 100
106 30.3 22.4 41.6



#53
m,p-Xylene
Concen: 5.107 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

Tgt Ion: 106 Resp: 172468
Ion Ratio Lower Upper
106 100
91 205.2 144.8 269.0

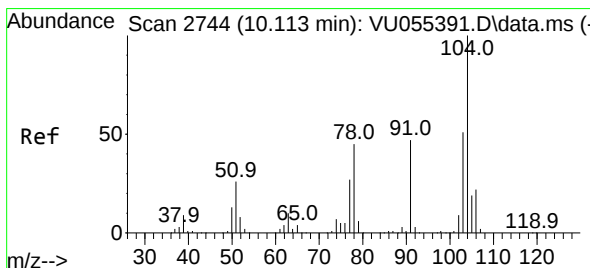
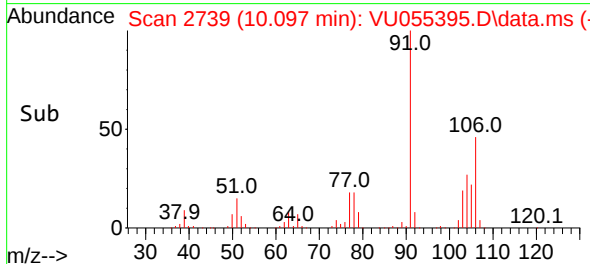
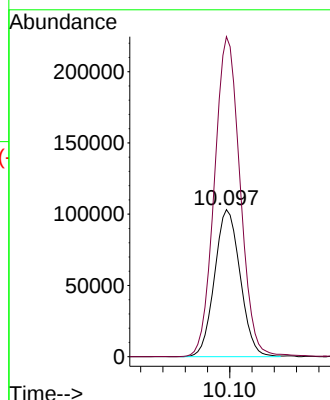
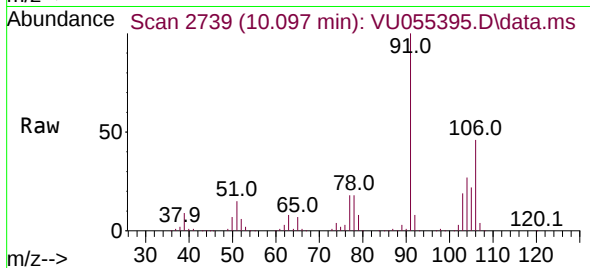




#54
o-Xylene
Concen: 5.018 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

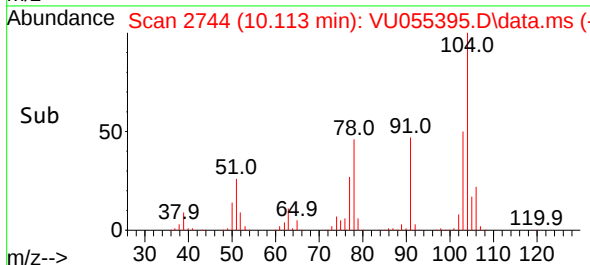
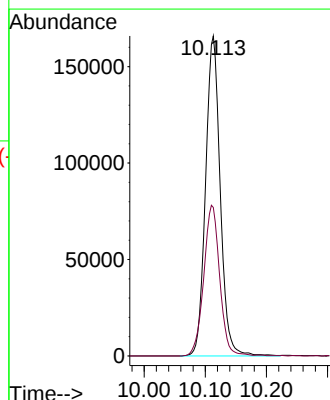
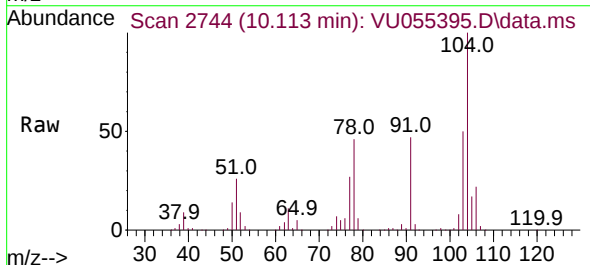
Instrument :
MSVOA_U
ClientSampleId :

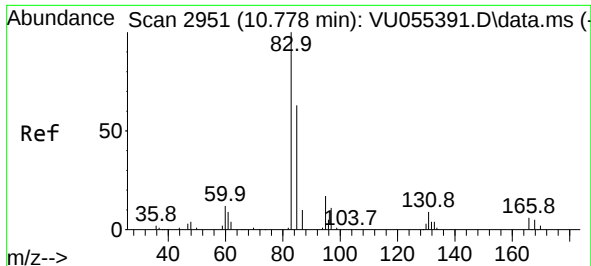
Tgt Ion:106 Resp: 164743
Ion Ratio Lower Upper
106 100
91 217.5 157.6 292.8



#55
Styrene
Concen: 5.222 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

Tgt Ion:104 Resp: 277241
Ion Ratio Lower Upper
104 100
78 46.4 31.2 58.0

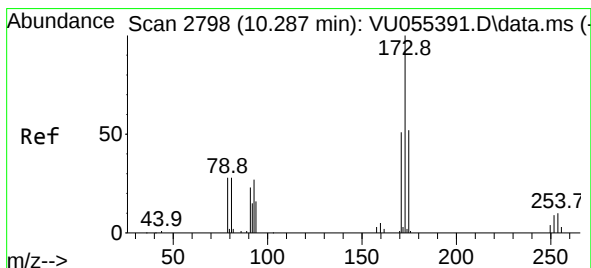
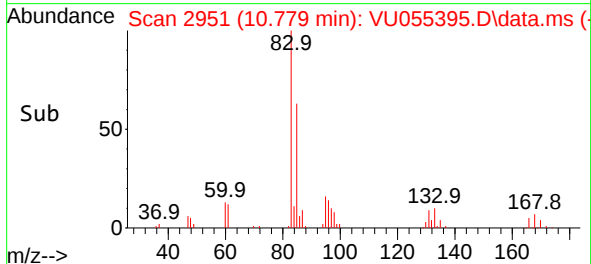
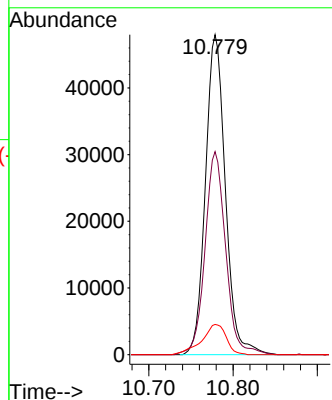
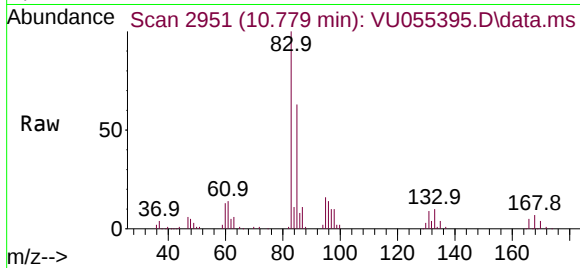




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.846 ug/L
 RT: 10.779 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VU055395.D
 Acq: 19 Sep 2023 16:21

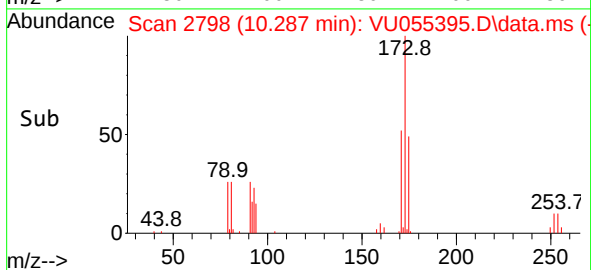
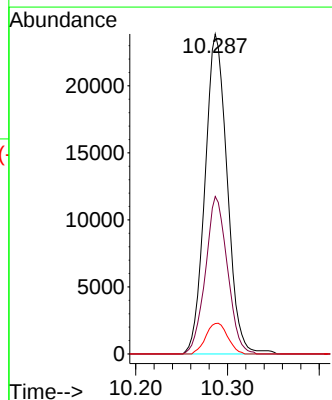
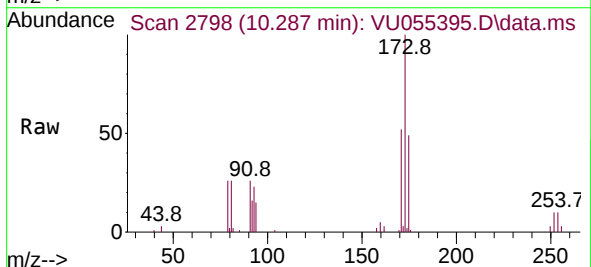
Instrument :
 MSVOA_U
 ClientSampleId :

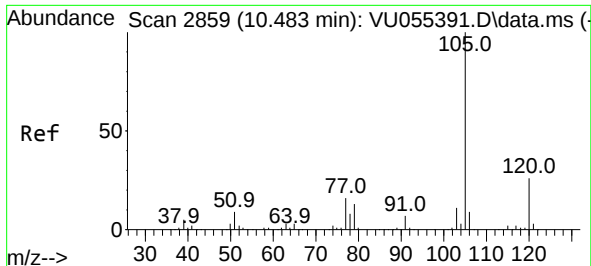
Tgt Ion: 83 Resp: 79058
 Ion Ratio Lower Upper
 83 100
 85 63.4 44.4 82.5
 131 9.5 7.4 11.2



#59
 Bromoform
 Concen: 4.991 ug/L
 RT: 10.287 min Scan# 2798
 Delta R.T. 0.000 min
 Lab File: VU055395.D
 Acq: 19 Sep 2023 16:21

Tgt Ion: 173 Resp: 40126
 Ion Ratio Lower Upper
 173 100
 175 48.7 39.4 59.2
 254 9.4 7.3 10.9

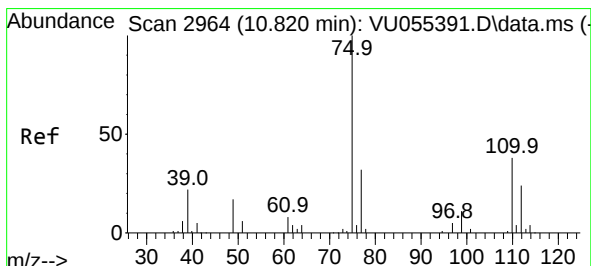
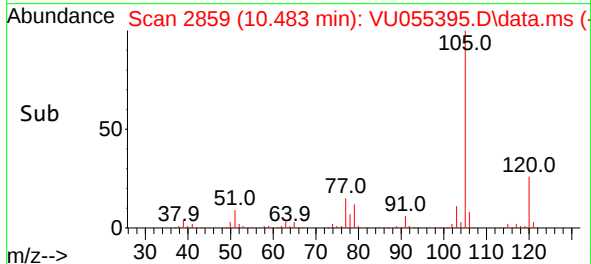
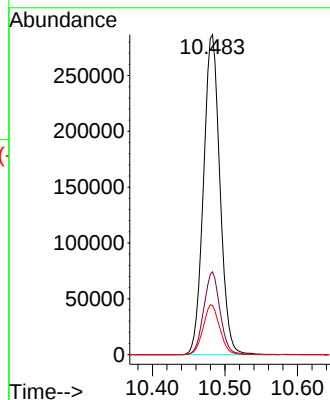
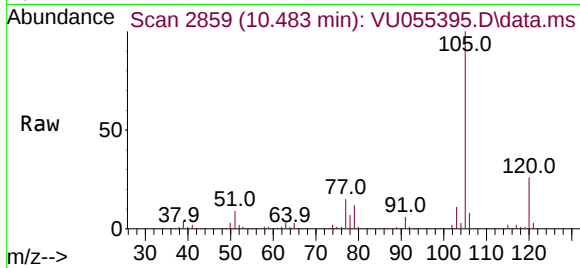




#60
Isopropylbenzene
Concen: 5.219 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

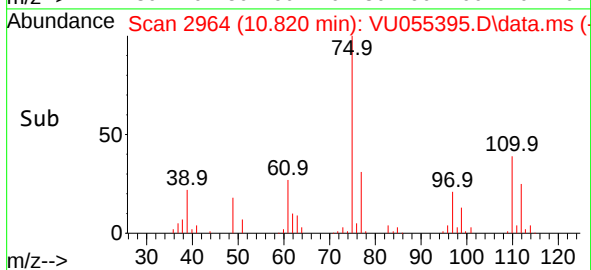
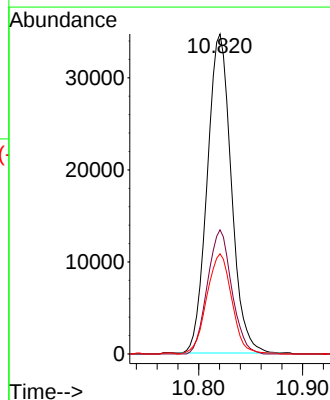
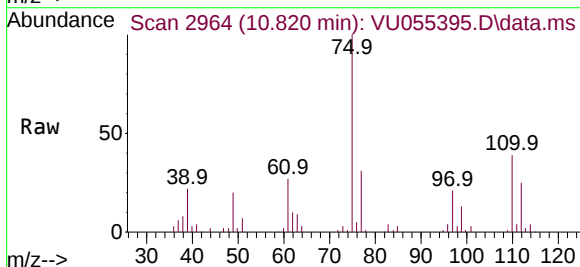
Instrument :
MSVOA_U
ClientSampleId :

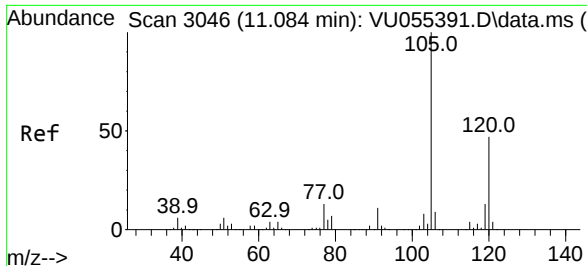
Tgt Ion:105 Resp: 451190
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.761 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

Tgt Ion: 75 Resp: 55750
Ion Ratio Lower Upper
75 100
110 39.2 30.6 45.8
77 32.8 26.7 40.1





#62

1,3,5-Trimethylbenzene

Concen: 5.154 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

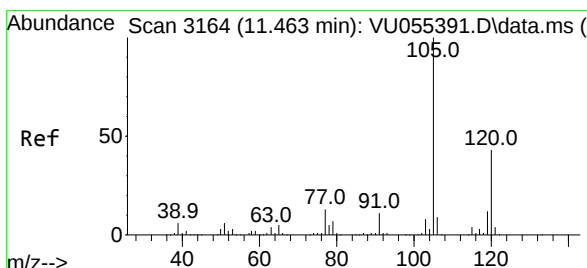
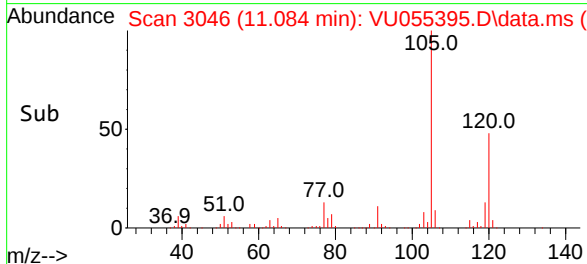
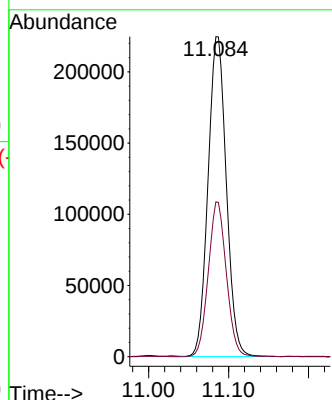
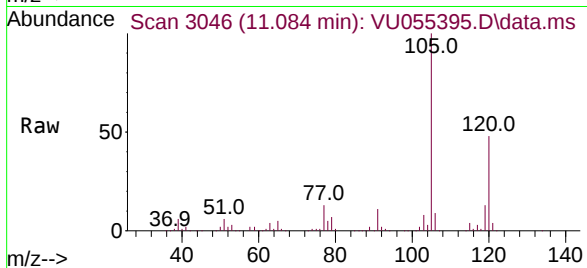
ClientSampleId :

Tgt Ion:105 Resp: 356316

Ion Ratio Lower Upper

105 100

120 47.8 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 5.210 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU055395.D

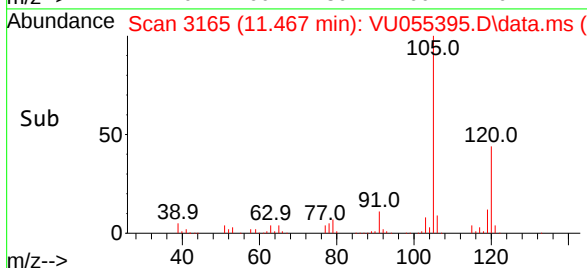
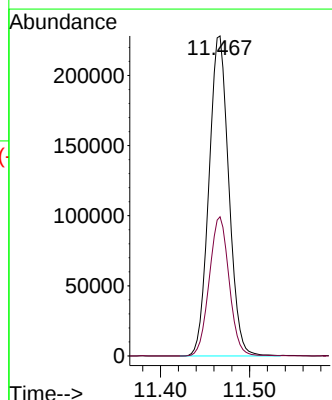
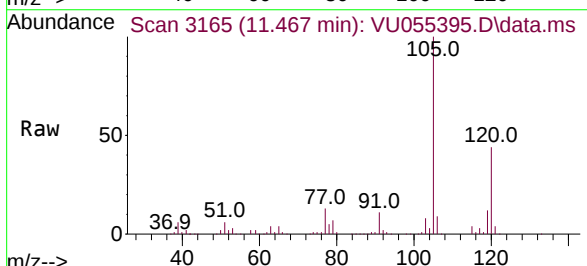
Acq: 19 Sep 2023 16:21

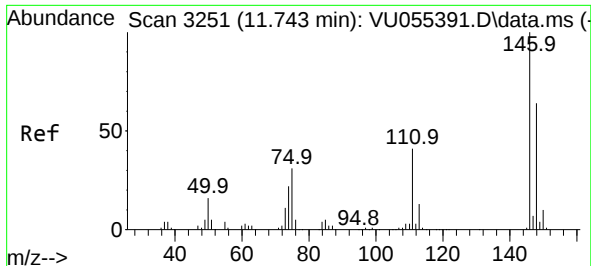
Tgt Ion:105 Resp: 352564

Ion Ratio Lower Upper

105 100

120 43.6 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 5.108 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.000 min

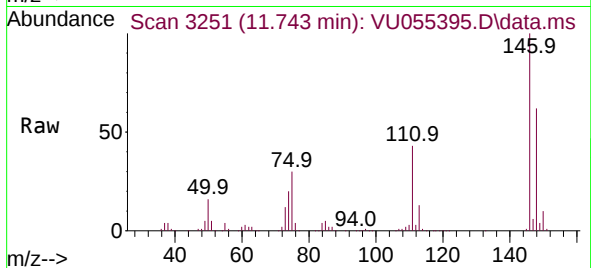
Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :



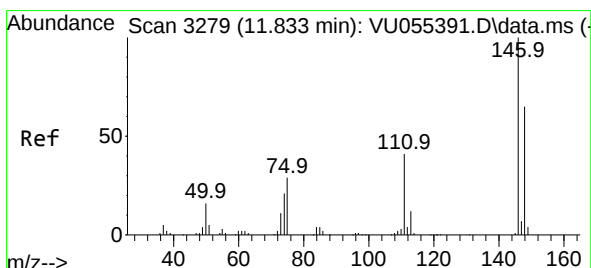
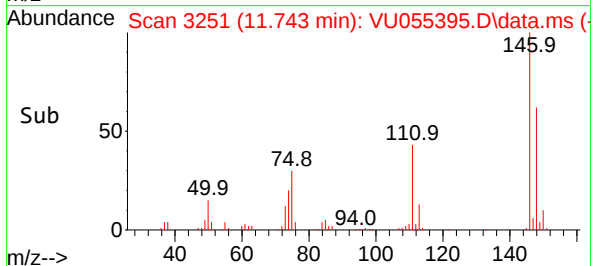
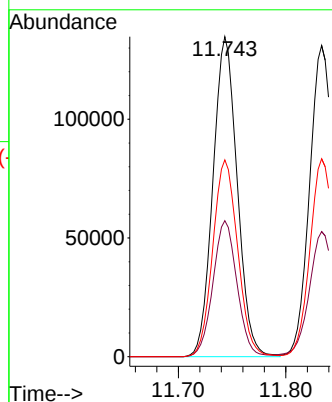
Tgt Ion:146 Resp: 211399

Ion Ratio Lower Upper

146 100

111 42.5 28.8 53.6

148 61.5 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 5.115 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU055395.D

Acq: 19 Sep 2023 16:21

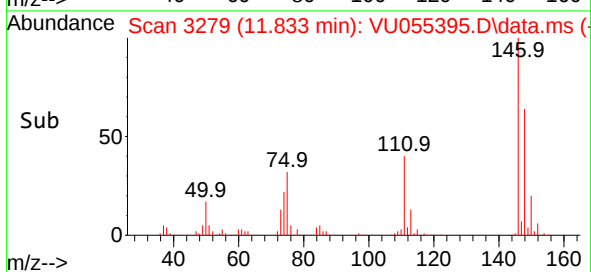
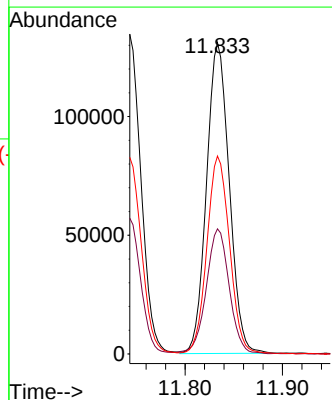
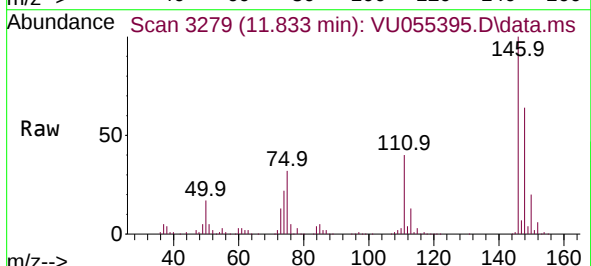
Tgt Ion:146 Resp: 211578

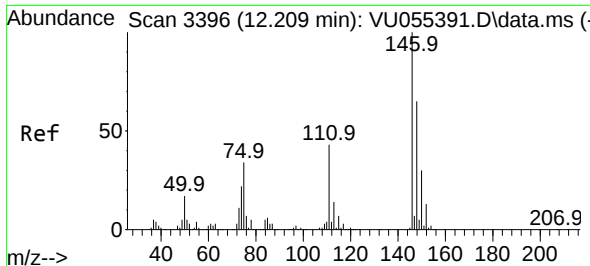
Ion Ratio Lower Upper

146 100

111 40.2 29.0 53.8

148 63.6 45.4 84.4

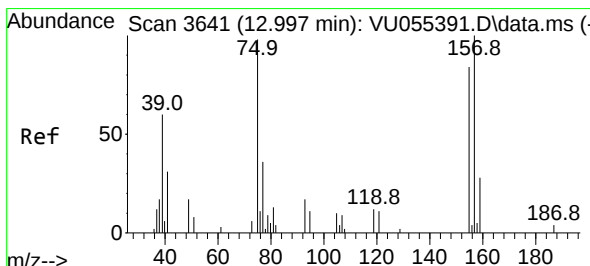
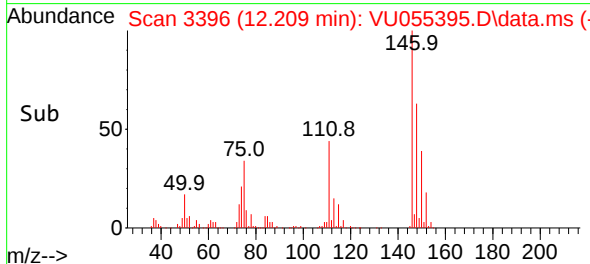
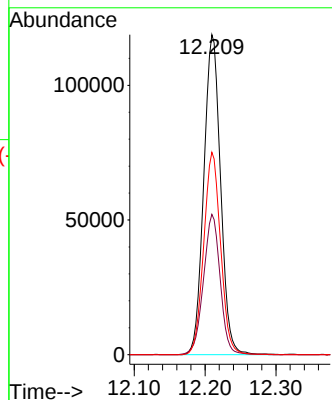
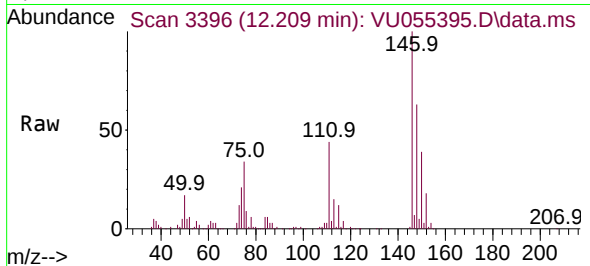




#67
1,2-Dichlorobenzene
Concen: 5.148 ug/L
RT: 12.209 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

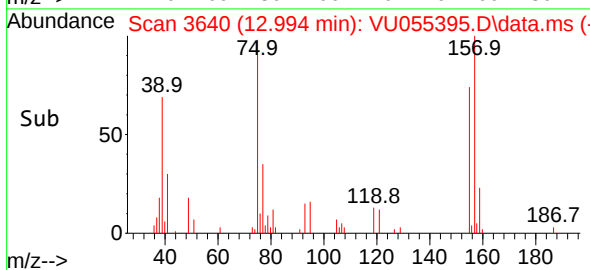
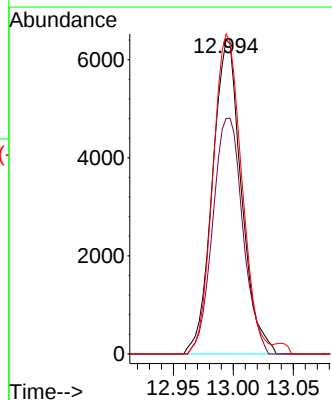
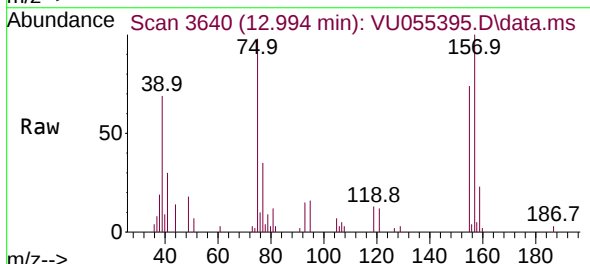
Instrument :
MSVOA_U
ClientSampleId :

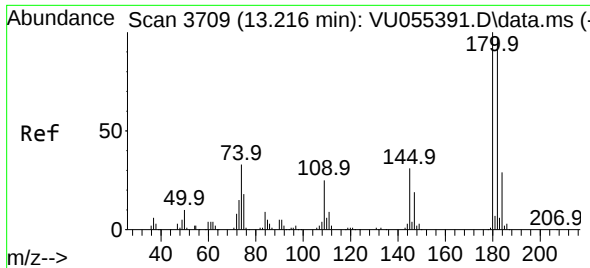
Tgt Ion:146 Resp: 195350
Ion Ratio Lower Upper
146 100
111 43.8 34.6 52.0
148 63.2 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.283 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

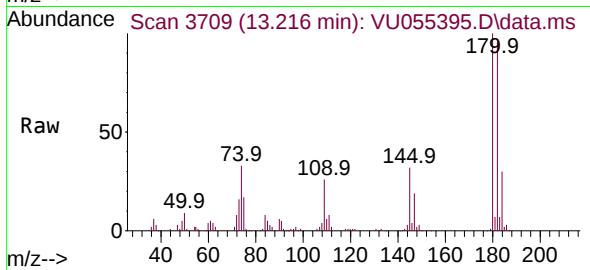
Tgt Ion: 75 Resp: 10722
Ion Ratio Lower Upper
75 100
155 74.9 69.2 103.8
157 101.8 81.9 122.9



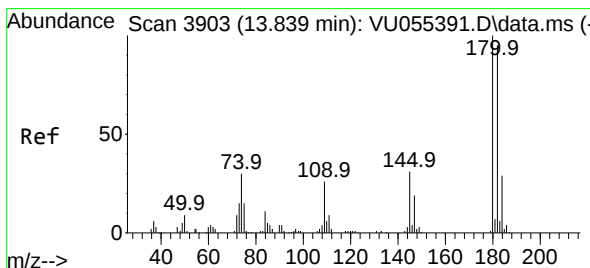
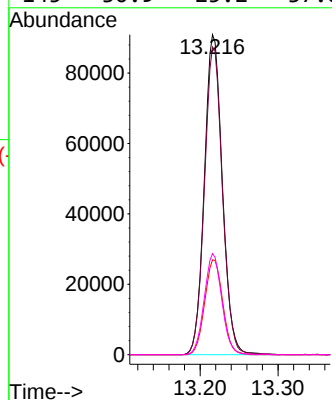
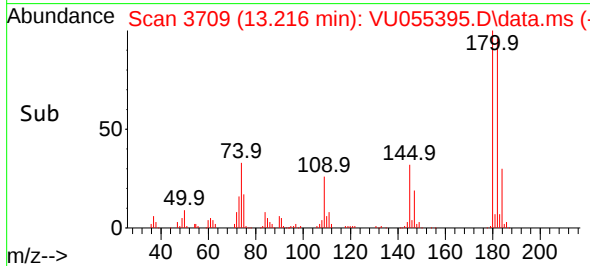


#69
 1,3,5-Trichlorobenzene
 Concen: 5.122 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU055395.D
 Acq: 19 Sep 2023 16:21

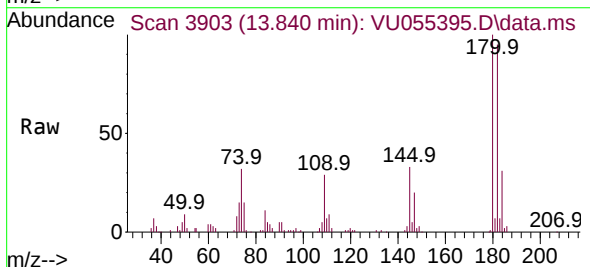
Instrument :
 MSVOA_U
 ClientSampleId :



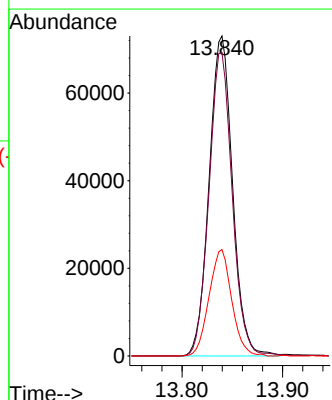
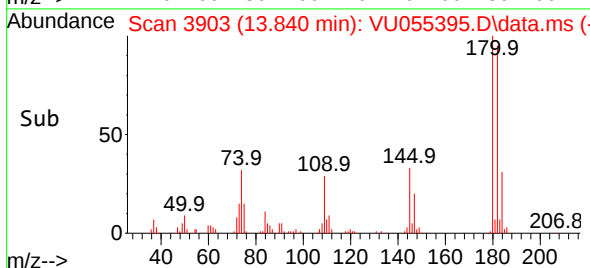
Tgt Ion:180 Resp: 145994
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.1 115.7
 184 29.7 24.0 36.0
 145 30.9 25.2 37.8

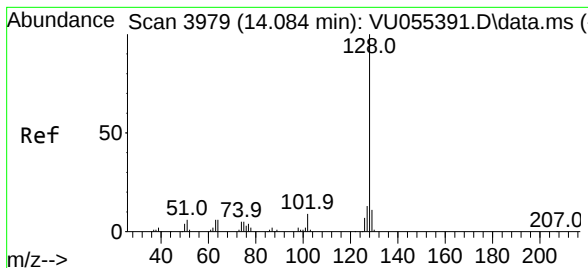


#70
 1,2,4-trichlorobenzene
 Concen: 5.444 ug/L
 RT: 13.840 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055395.D
 Acq: 19 Sep 2023 16:21



Tgt Ion:180 Resp: 118285
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.4 114.6
 145 32.2 25.4 38.0

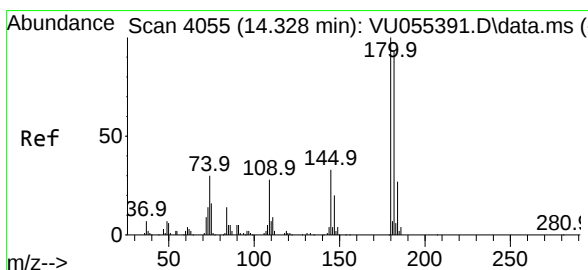
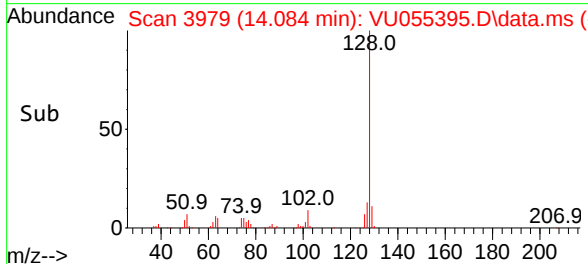
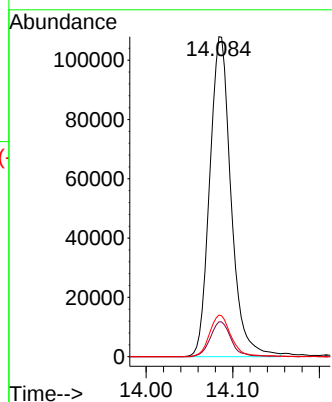
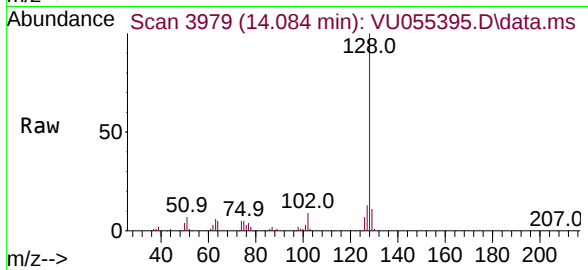




#71
Naphthalene
Concen: 5.876 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 184859
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.595 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.000 min
Lab File: VU055395.D
Acq: 19 Sep 2023 16:21

Tgt Ion:180 Resp: 105784
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.4
145 32.0 26.0 39.0

