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 Data File : VU056395.D
 Acq On : 16 Nov 2023 09:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 01:24:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 05:41:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	292160	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	272648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	137995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82036	3.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.908	69	64141	3.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	39319	4.077	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.625	46	210956	48.413	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	5.056	84	200844	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.695	65	94472	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.721	84	382998	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.686	67	118135	4.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.895	98	325607	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.178	79	44172	4.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.634	63	194720	52.771	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	88995	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	117440	4.607	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	121652	5.255	ug/L	99
3) Chloromethane	1.519	50	115460	4.881	ug/L	99
5) Vinyl chloride	1.602	62	109795	4.817	ug/L	95
6) Bromomethane	1.856	94	56615	4.908	ug/L	95
8) Chloroethane	1.930	64	65247	4.686	ug/L	98
9) Trichlorofluoromethane	2.133	101	184772	5.626	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	109309	5.606	ug/L	99
12) 1,1-Dichloroethene	2.573	96	94627	5.291	ug/L	96
13) Acetone	2.631	43	184040	49.590	ug/L	99
14) Carbon disulfide	2.789	76	278285	4.782	ug/L	98
15) Methyl Acetate	2.950	43	32680	4.948	ug/L	98
16) Methylene chloride	3.040	84	105276	4.448	ug/L	96
17) Methyl tert-butyl Ether	3.355	73	229264	5.276	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	96488	5.244	ug/L	96
19) 1,1-Dichloroethane	3.863	63	194786	5.344	ug/L	97
21) 2-Butanone	4.702	43	235226	48.846	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	108321	5.191	ug/L	98
23) Bromochloromethane	4.969	128	48869	5.689	ug/L	94
25) Chloroform	5.081	83	219914	5.569	ug/L	96

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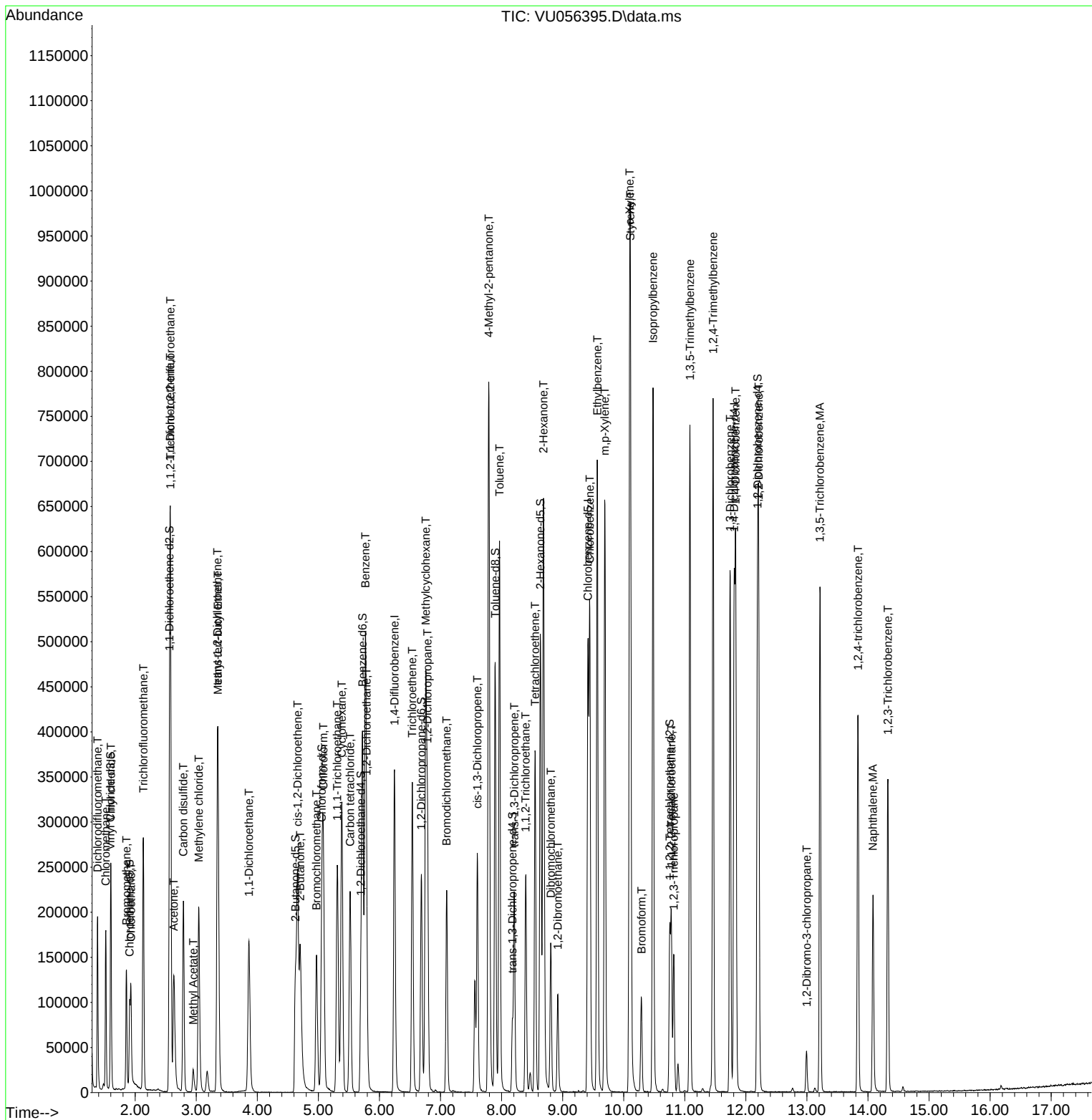
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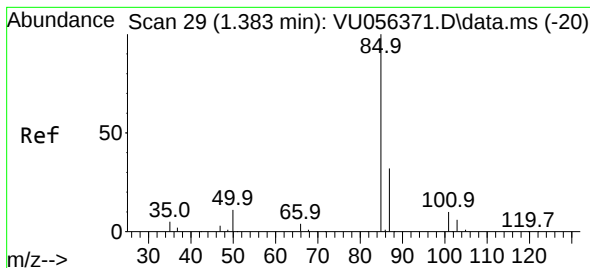
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	123512	5.508	ug/L	96
29) 1,1,1-Trichloroethane	5.310	97	187586	5.994	ug/L	100
30) Cyclohexane	5.383	56	164242	5.529	ug/L	100
31) Carbon tetrachloride	5.519	117	159132	5.920	ug/L	95
33) Benzene	5.769	78	451543	5.804	ug/L	100
34) Trichloroethene	6.538	95	120735	5.696	ug/L	96
35) Methylcyclohexane	6.760	83	174799	5.712	ug/L	99
37) 1,2-Dichloropropane	6.785	63	117984	5.816	ug/L	99
38) Bromodichloromethane	7.100	83	146811	5.605	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	164874	5.531	ug/L	100
40) 4-Methyl-2-pentanone	7.789	43	553713	55.059	ug/L	98
42) Toluene	7.965	91	451744	5.609	ug/L	99
44) trans-1,3-Dichloropropene	8.207	75	129795	5.462	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	76922	5.693	ug/L	94
47) Tetrachloroethene	8.547	164	80721	5.648	ug/L	99
48) 2-Hexanone	8.686	43	435899	55.637	ug/L	99
49) Dibromochloromethane	8.805	129	84708	5.513	ug/L	96
50) 1,2-Dibromoethane	8.920	107	69793	5.472	ug/L	97
51) Chlorobenzene	9.444	112	283111	5.470	ug/L	99
52) Ethylbenzene	9.567	91	507923	5.679	ug/L	100
53) m,p-Xylene	9.689	106	190173	5.784	ug/L	98
54) o-Xylene	10.097	106	183608	5.749	ug/L	99
55) Styrene	10.110	104	313909	5.909	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	96101	5.825	ug/L	98
59) Bromoform	10.290	173	48016	5.586	ug/L	99
60) Isopropylbenzene	10.480	105	509588	5.726	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	66861	5.647	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	417279	5.711	ug/L	98
63) 1,2,4-Trimethylbenzene	11.464	105	425036	5.893	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	234821	5.801	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	227090	5.592	ug/L	99
67) 1,2-Dichlorobenzene	12.210	146	215375	5.799	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	13197	5.218	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	168860	5.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.837	180	125494	5.055	ug/L	97
71) Naphthalene	14.081	128	179809	4.794	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	105966	5.182	ug/L	96

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

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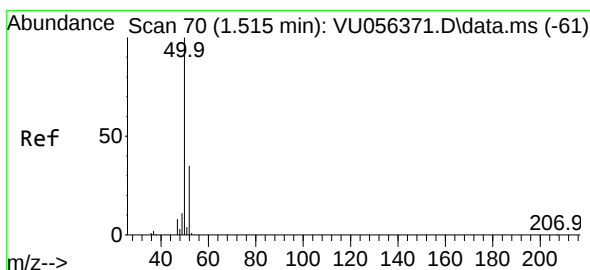
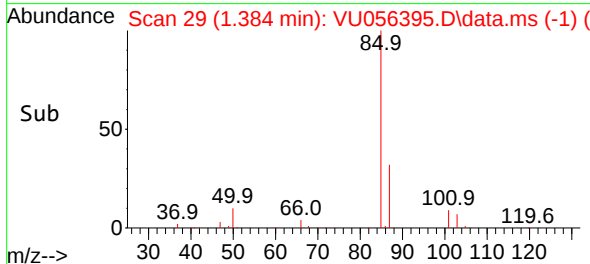
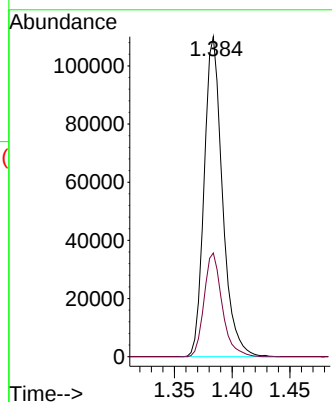
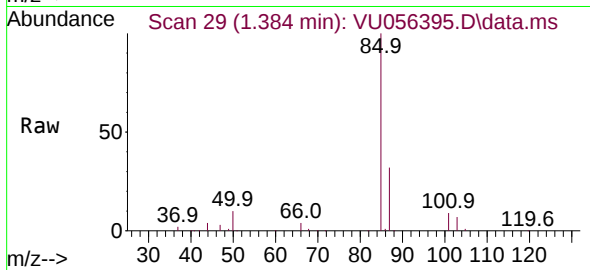




#2
 Dichlorodifluoromethane
 Concen: 5.255 ug/L
 RT: 1.384 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056395.D
 Acq: 16 Nov 2023 09:10

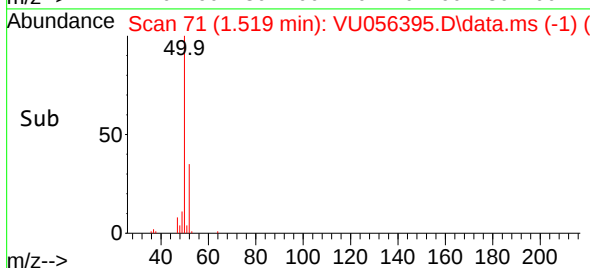
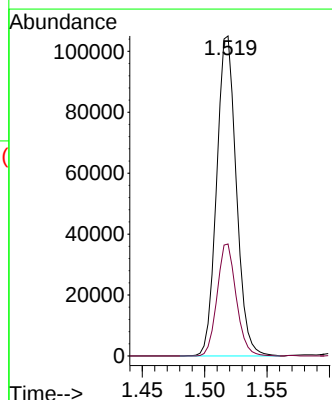
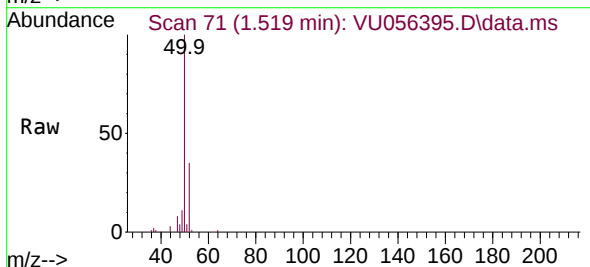
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 ClientSampleId :

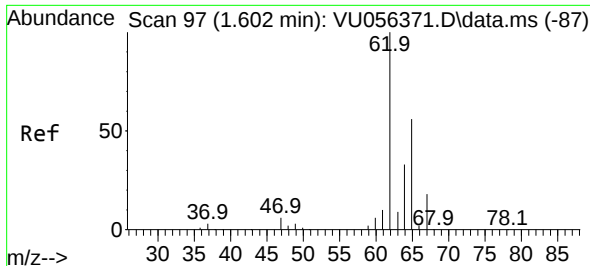
Tgt Ion: 85 Resp: 121652
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.0 37.4



#3
 Chloromethane
 Concen: 4.881 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU056395.D
 Acq: 16 Nov 2023 09:10

Tgt Ion: 50 Resp: 115460
 Ion Ratio Lower Upper
 50 100
 52 35.0 24.3 45.1

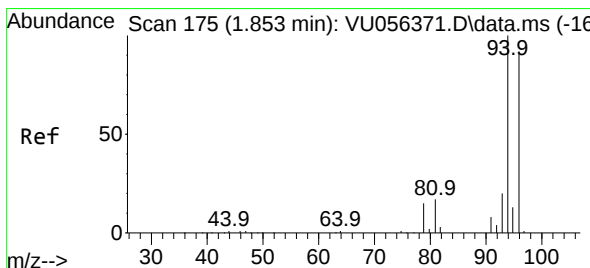
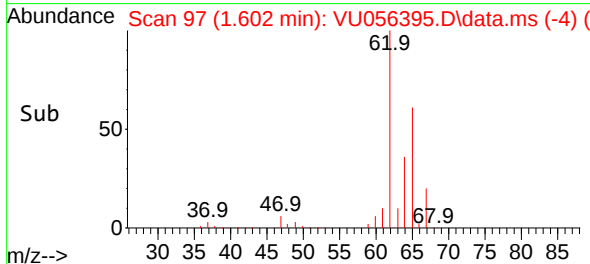
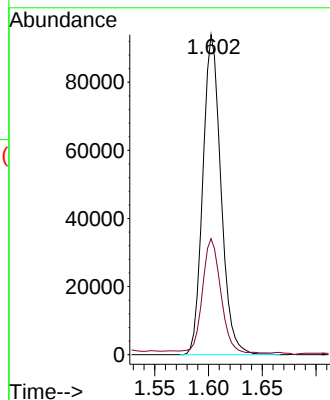
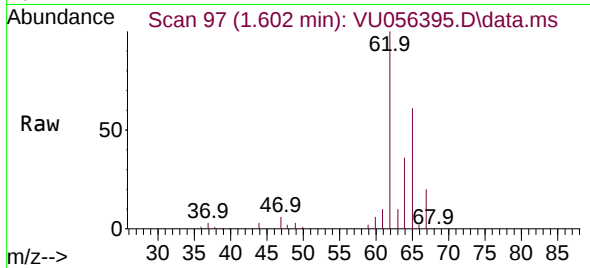




#5
 Vinyl chloride
 Concen: 4.817 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056395.D
 Acq: 16 Nov 2023 09:10

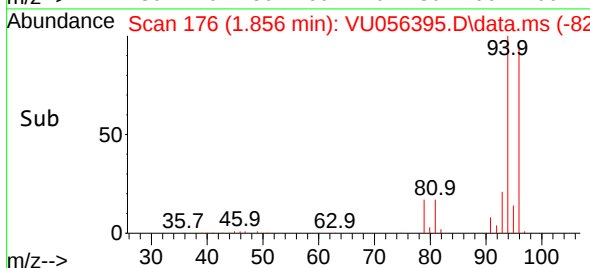
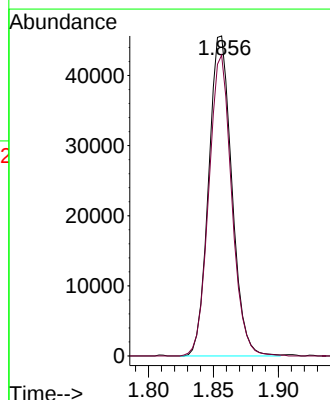
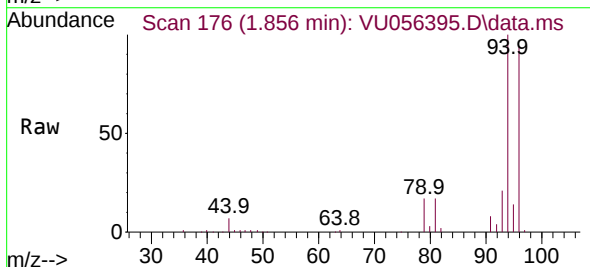
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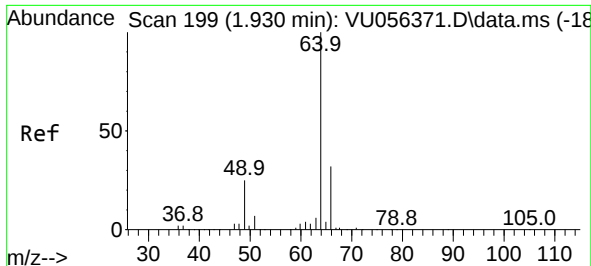
Tgt Ion: 62 Resp: 109795
 Ion Ratio Lower Upper
 62 100
 64 36.3 23.3 43.3



#6
 Bromomethane
 Concen: 4.908 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU056395.D
 Acq: 16 Nov 2023 09:10

Tgt Ion: 94 Resp: 56615
 Ion Ratio Lower Upper
 94 100
 96 94.0 62.6 116.2

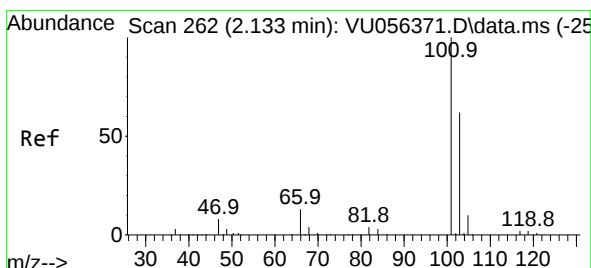
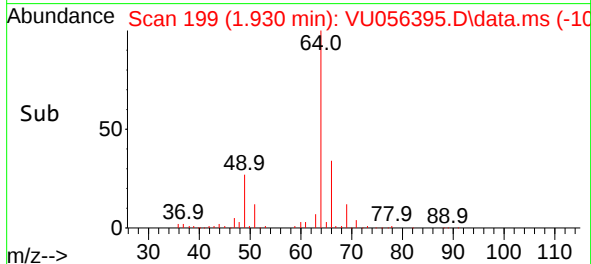
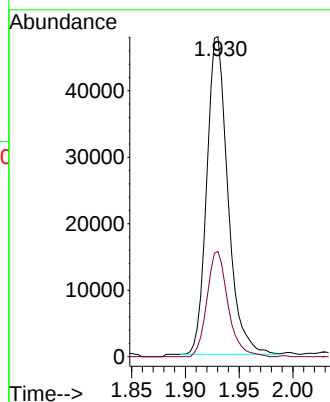
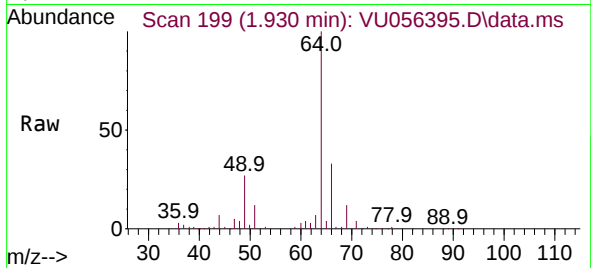




#8
Chloroethane
Concen: 4.686 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

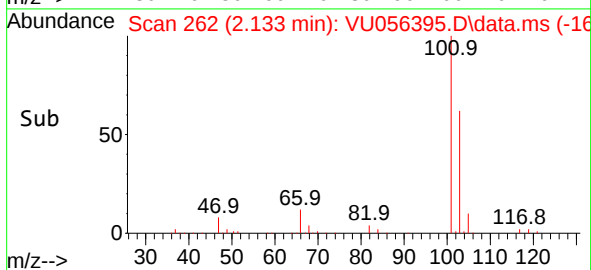
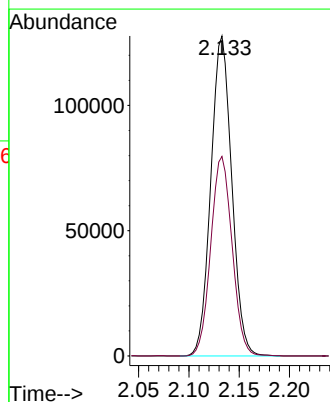
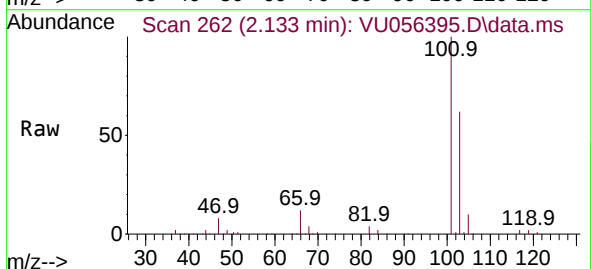
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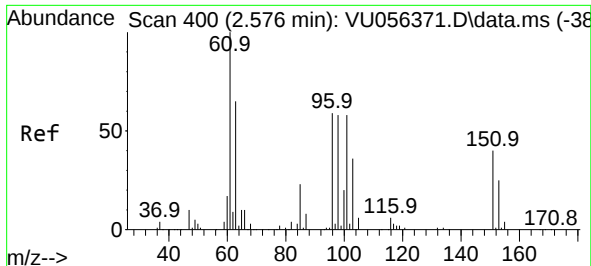
Tgt Ion: 64 Resp: 65247
Ion Ratio Lower Upper
64 100
66 32.9 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.626 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

Tgt Ion:101 Resp: 184772
Ion Ratio Lower Upper
101 100
103 63.7 52.0 78.0

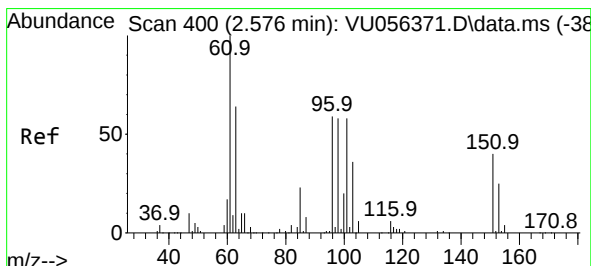
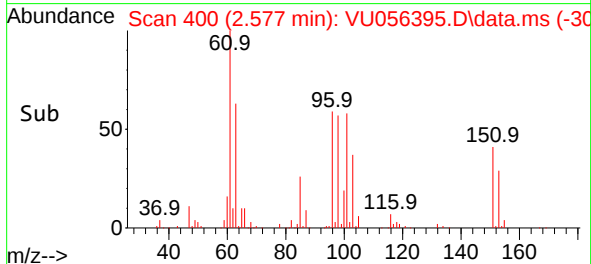
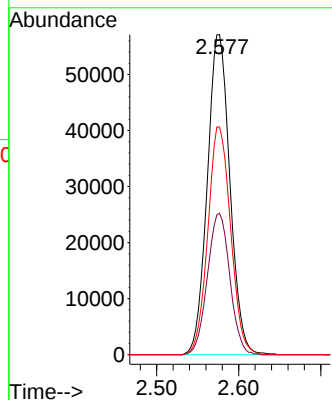
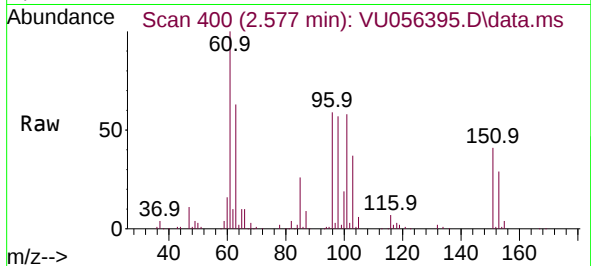




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.606 ug/L
 RT: 2.577 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056395.D
 Acq: 16 Nov 2023 09:10

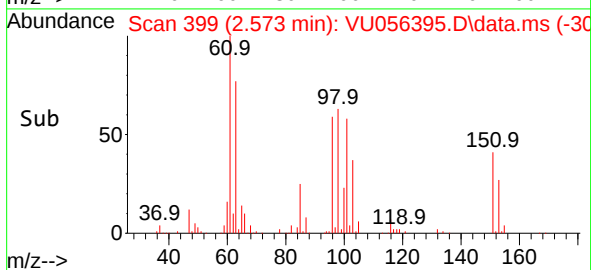
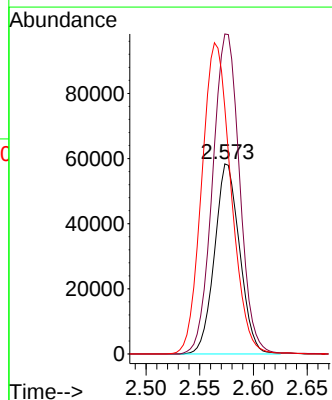
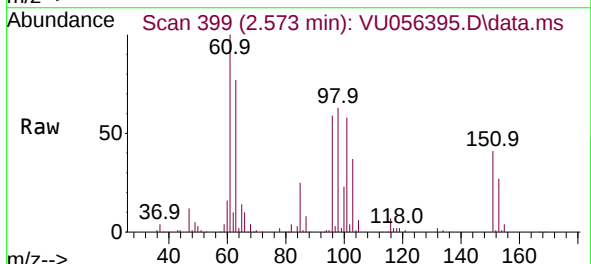
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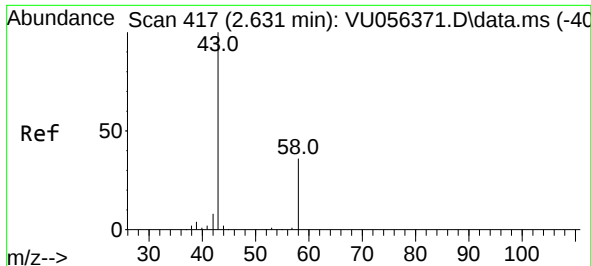
Tgt Ion:101 Resp: 109309
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.4 53.0
 151 71.7 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.291 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU056395.D
 Acq: 16 Nov 2023 09:10

Tgt Ion: 96 Resp: 94627
 Ion Ratio Lower Upper
 96 100
 61 168.3 123.1 228.7
 63 129.4 93.3 173.3





#13

Acetone

Concen: 49.590 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

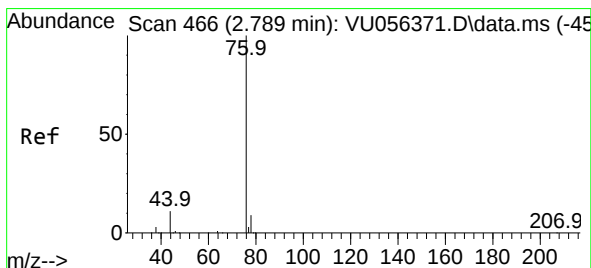
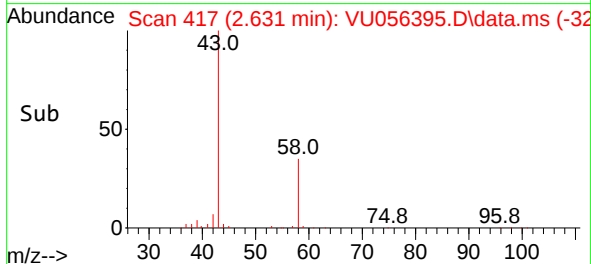
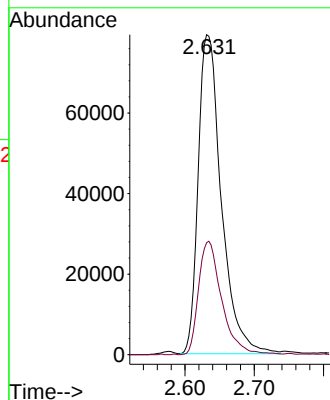
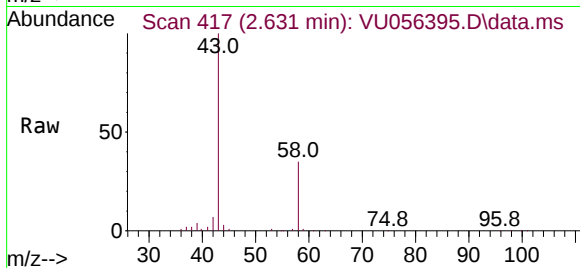
ClientSampleId :

Tgt Ion: 43 Resp: 184040

Ion Ratio Lower Upper

43 100

58 35.6 0.0 70.0



#14

Carbon disulfide

Concen: 4.782 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056395.D

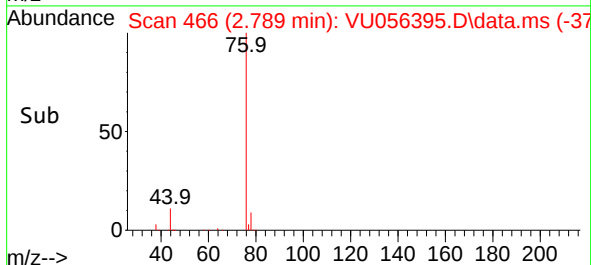
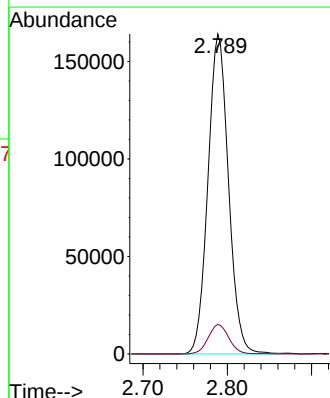
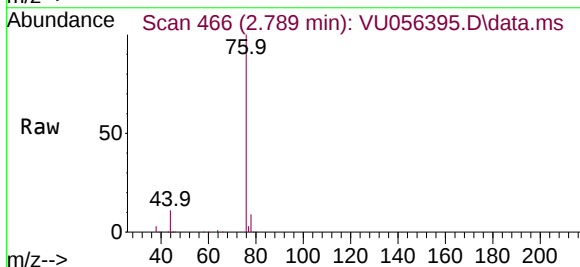
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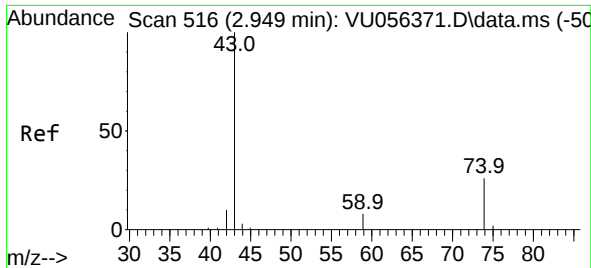
Tgt Ion: 76 Resp: 278285

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

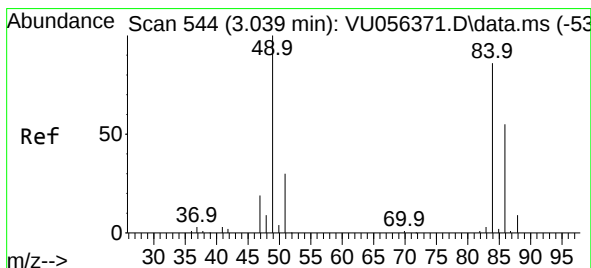
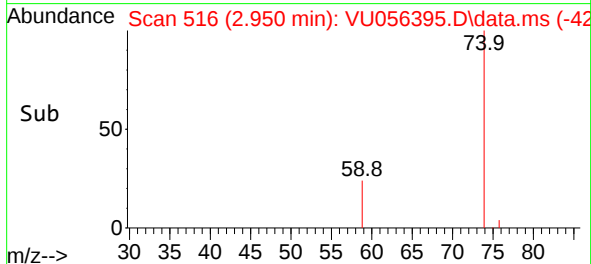
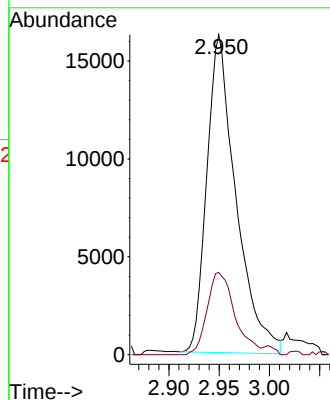
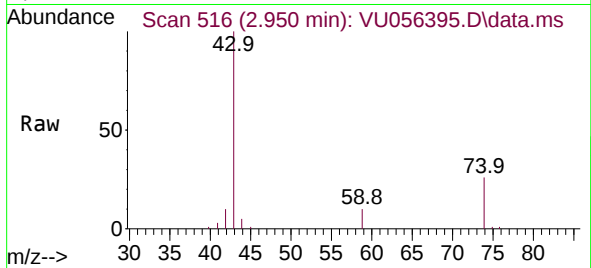




#15
Methyl Acetate
Concen: 4.948 ug/L
RT: 2.950 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

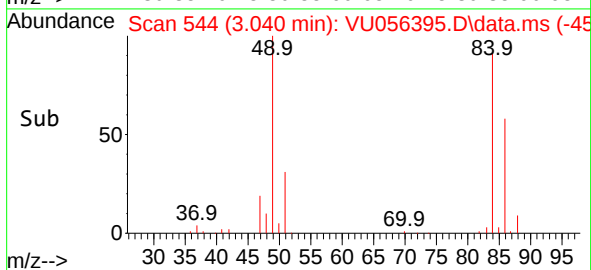
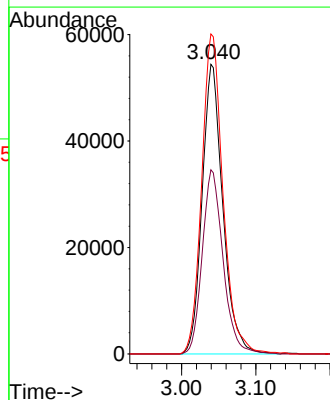
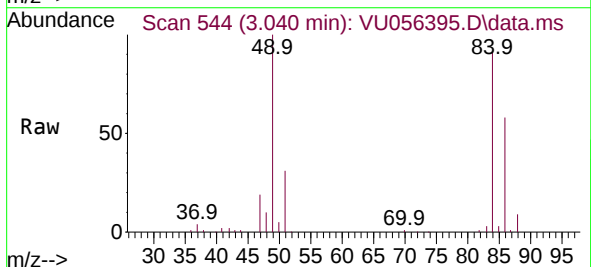
Instrument :
MSVOA_U
ClientSampleId :

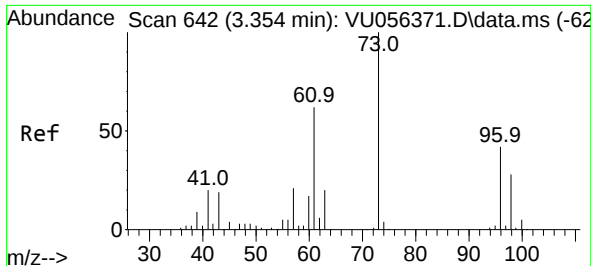
Tgt Ion: 43 Resp: 32680
Ion Ratio Lower Upper
43 100
74 24.6 20.6 31.0



#16
Methylene chloride
Concen: 4.448 ug/L
RT: 3.040 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

Tgt Ion: 84 Resp: 105276
Ion Ratio Lower Upper
84 100
86 63.6 44.7 83.1
49 110.5 81.8 152.0

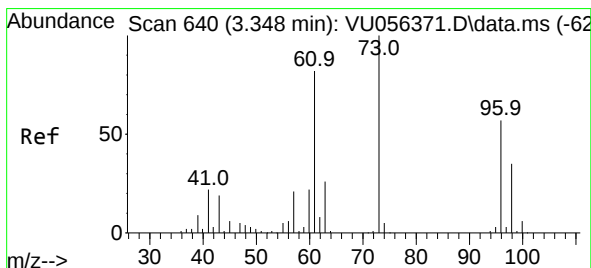
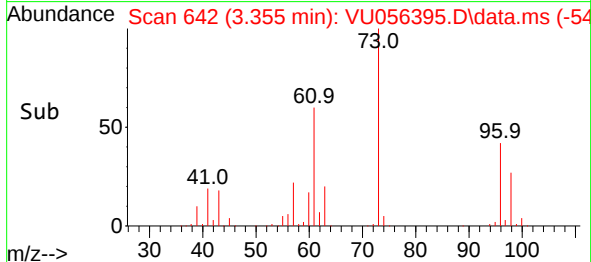
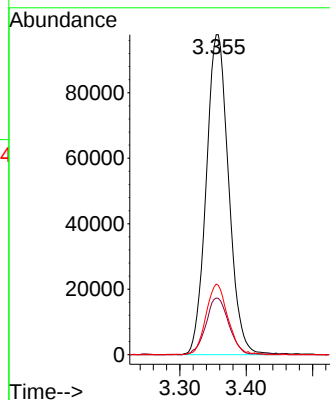
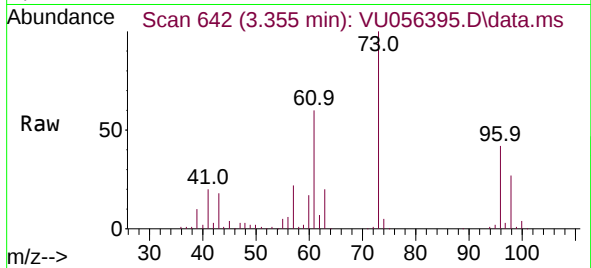




#17
Methyl tert-butyl Ether
Concen: 5.276 ug/L
RT: 3.355 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

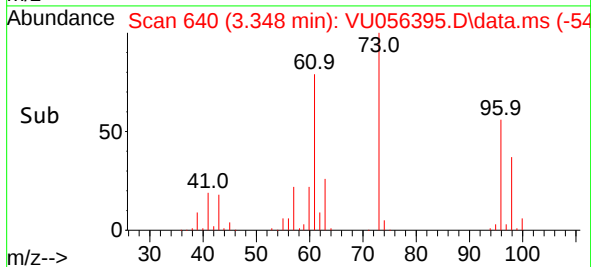
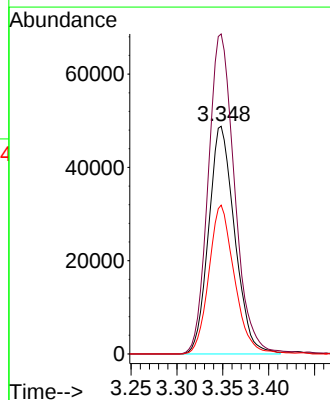
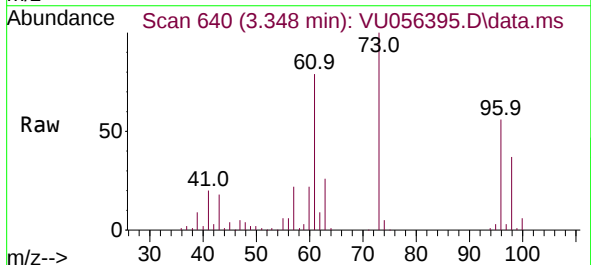
Instrument :
MSVOA_U
ClientSampleId :

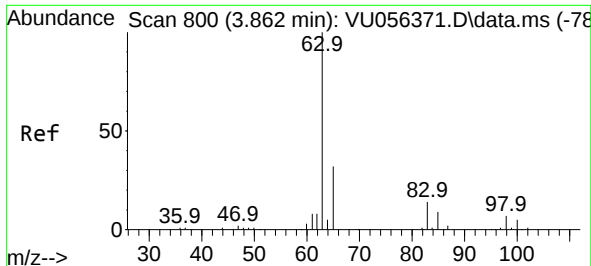
Tgt Ion: 73 Resp: 229264
Ion Ratio Lower Upper
73 100
43 18.1 15.1 22.7
57 21.6 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.244 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

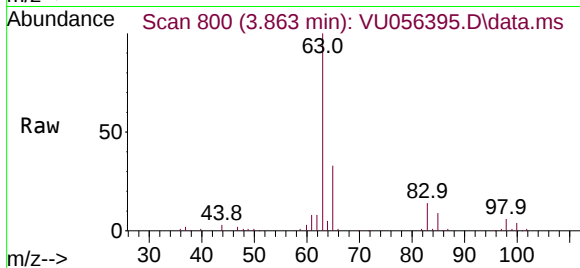
Tgt Ion: 96 Resp: 96488
Ion Ratio Lower Upper
96 100
61 140.6 101.7 188.9
98 65.4 43.0 80.0



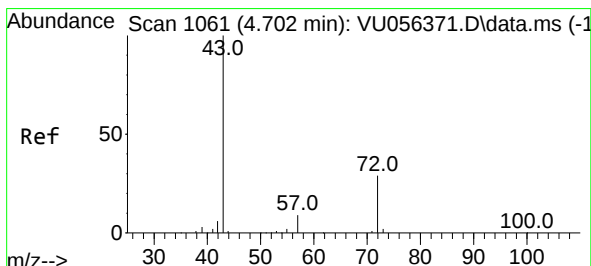
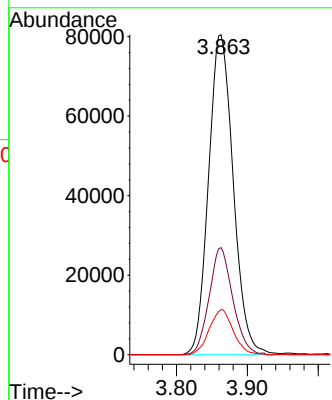
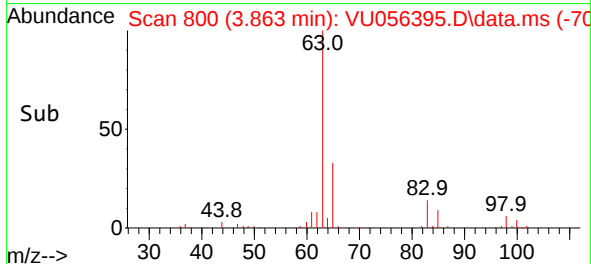


#19
1,1-Dichloroethane
Concen: 5.344 ug/L
RT: 3.863 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

Instrument :
MSVOA_U
ClientSampleId :

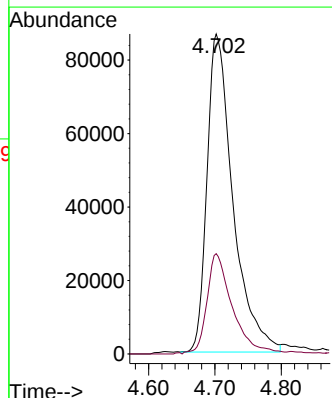
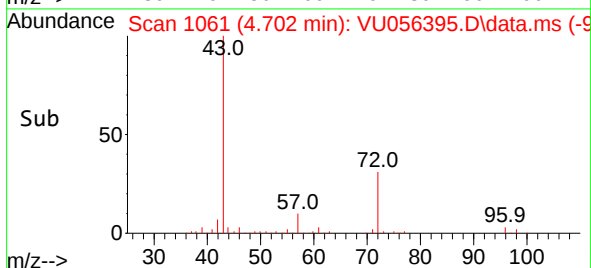
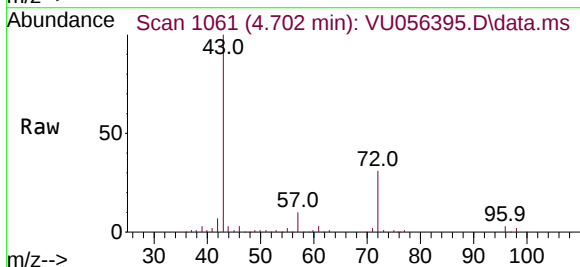


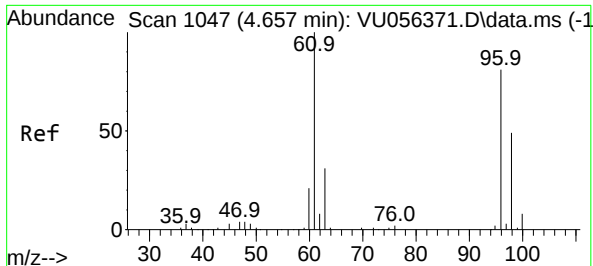
Tgt Ion: 63 Resp: 194786
Ion Ratio Lower Upper
63 100
65 33.5 21.8 40.6
83 14.1 9.7 17.9



#21
2-Butanone
Concen: 48.846 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

Tgt Ion: 43 Resp: 235226
Ion Ratio Lower Upper
43 100
72 30.9 14.2 42.6





#22

cis-1,2-Dichloroethene

Concen: 5.191 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

ClientSampleId :

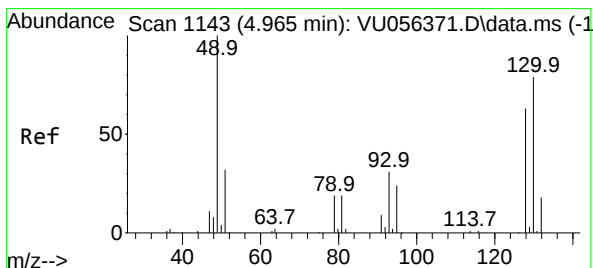
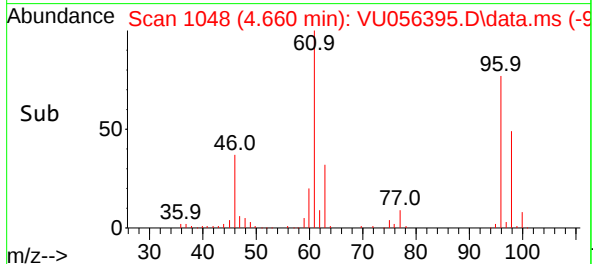
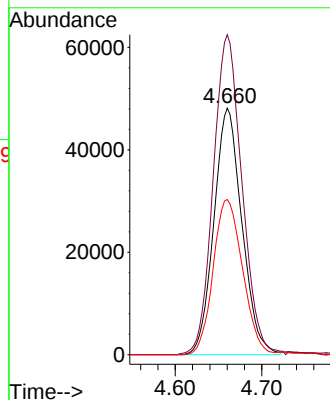
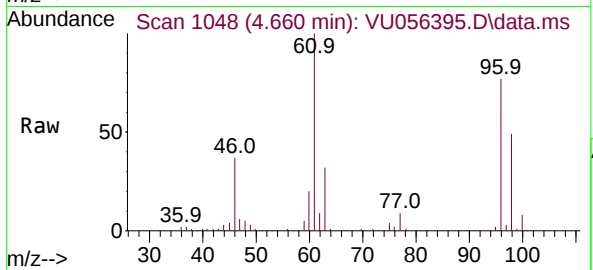
Tgt Ion: 96 Resp: 108321

Ion Ratio Lower Upper

96 100

61 129.8 93.2 173.2

98 63.0 44.8 83.2



#23

Bromochloromethane

Concen: 5.689 ug/L

RT: 4.969 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Tgt Ion:128 Resp: 48869

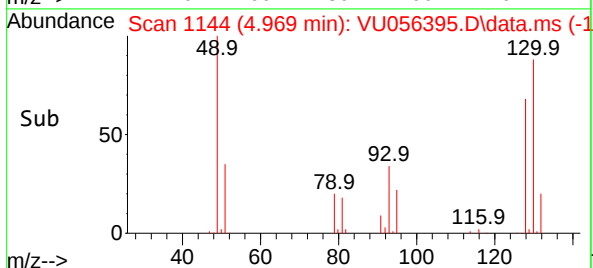
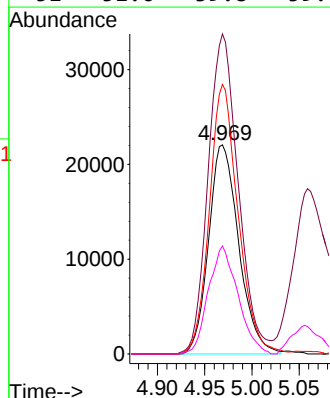
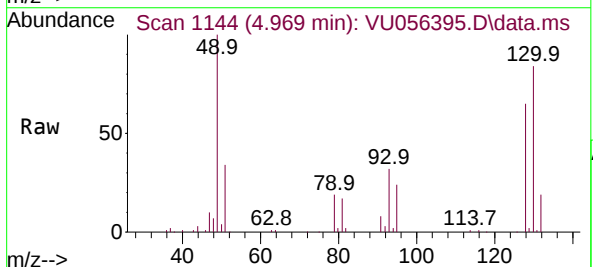
Ion Ratio Lower Upper

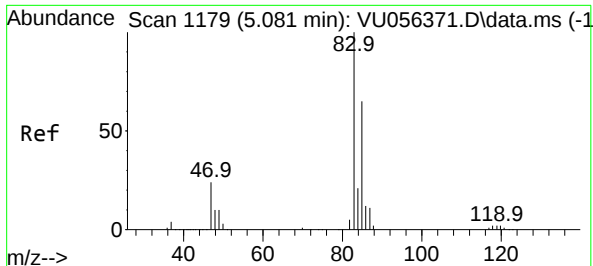
128 100

49 153.0 113.4 210.6

130 128.9 84.8 157.6

51 51.6 39.8 59.6





#25

Chloroform

Concen: 5.569 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

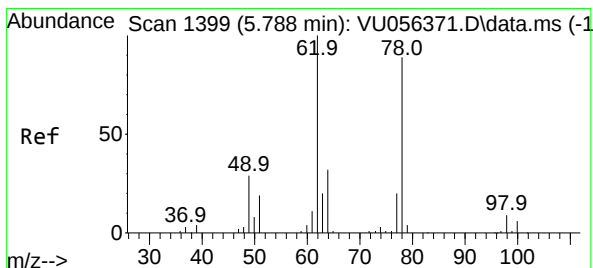
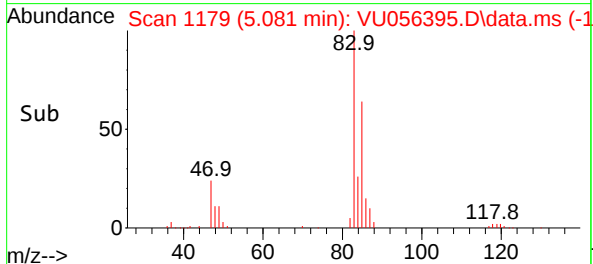
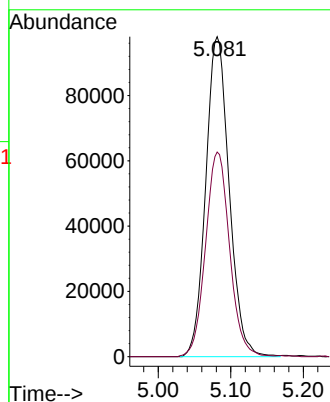
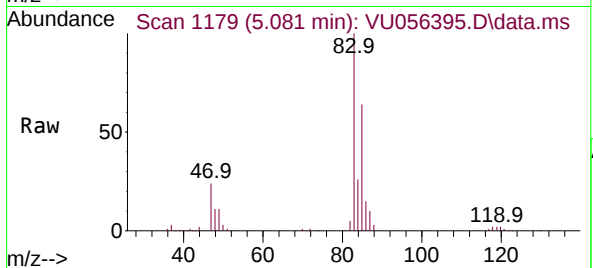
ClientSampleId :

Tgt Ion: 83 Resp: 219914

Ion Ratio Lower Upper

83 100

85 63.9 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.508 ug/L

RT: 5.789 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056395.D

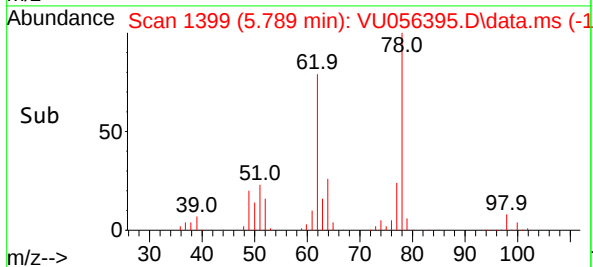
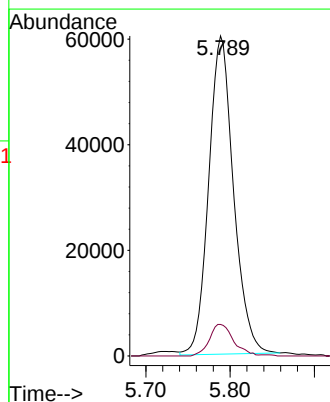
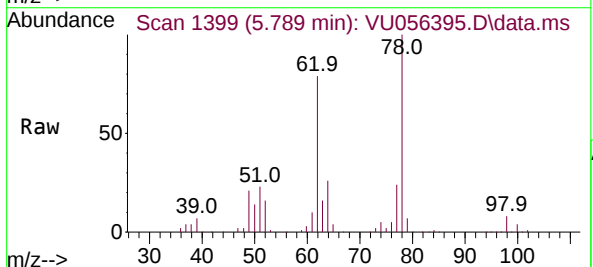
Acq: 16 Nov 2023 09:10

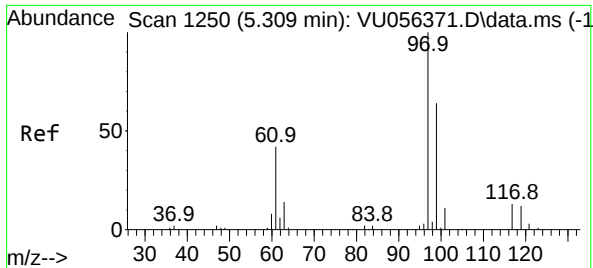
Tgt Ion: 62 Resp: 123512

Ion Ratio Lower Upper

62 100

98 9.9 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.994 ug/L

RT: 5.310 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

ClientSampleId :

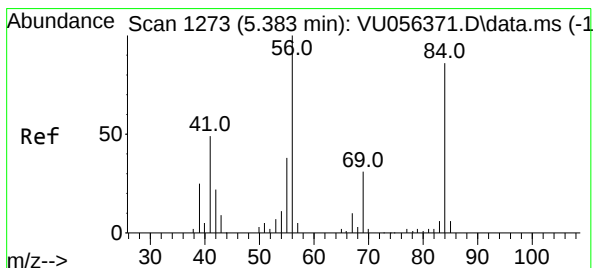
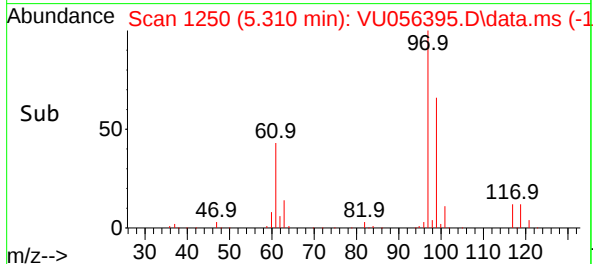
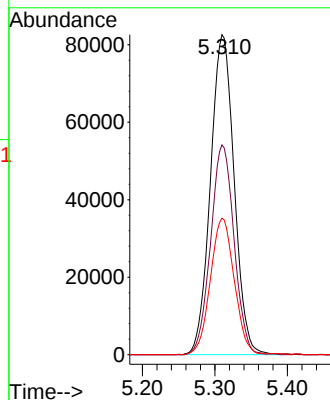
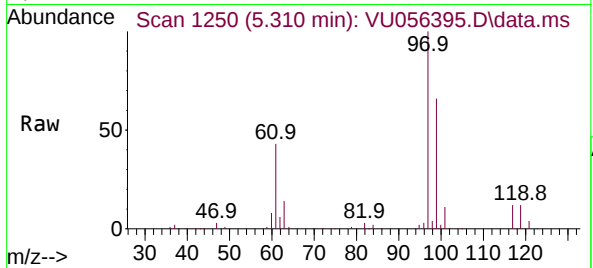
Tgt Ion: 97 Resp: 187586

Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 43.0 34.3 51.5



#30

Cyclohexane

Concen: 5.529 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

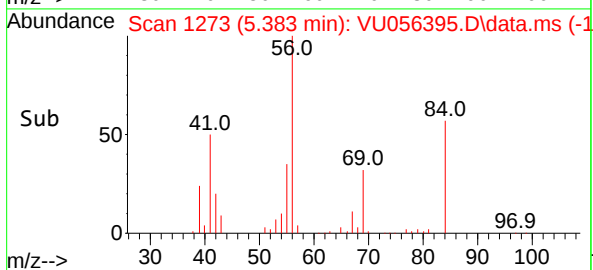
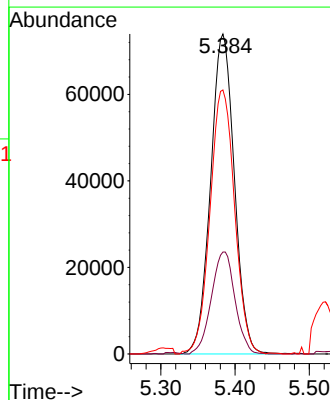
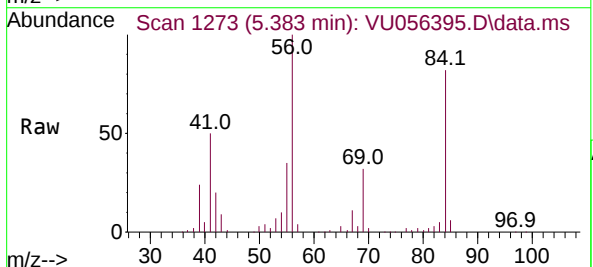
Tgt Ion: 56 Resp: 164242

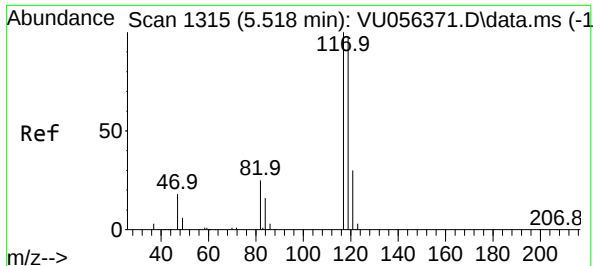
Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 85.6 68.6 103.0

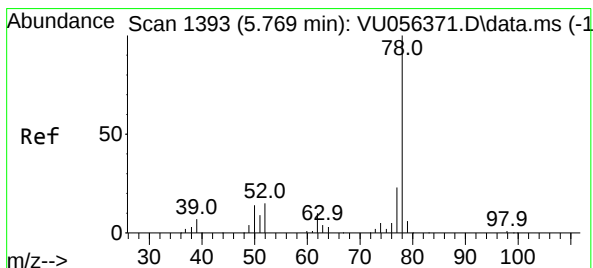
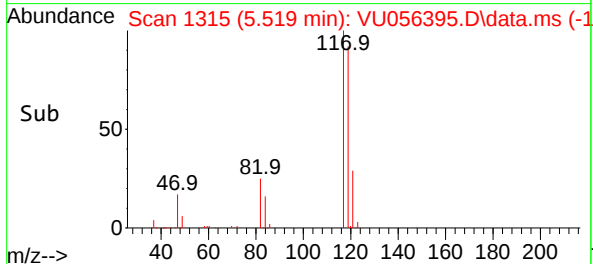
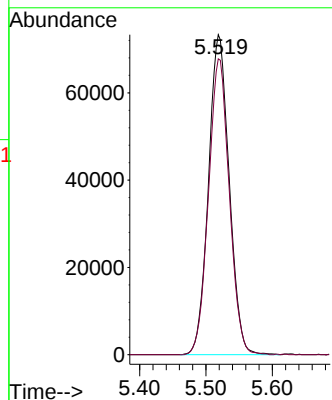
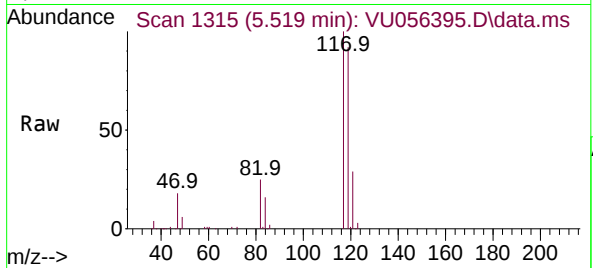




#31
Carbon tetrachloride
Concen: 5.920 ug/L
RT: 5.519 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

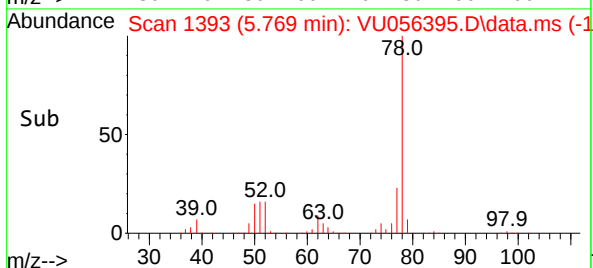
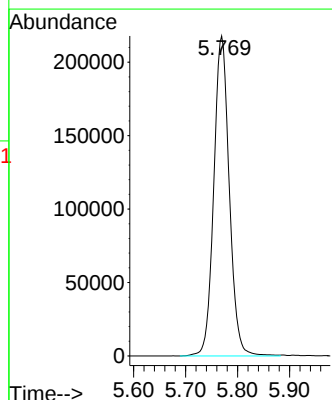
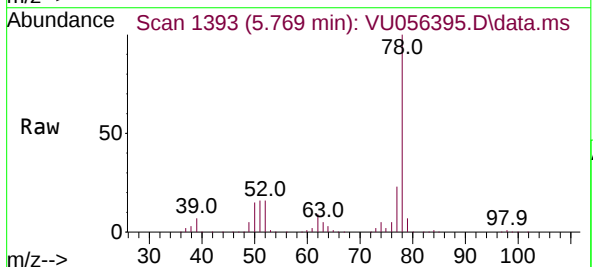
Instrument :
MSVOA_U
ClientSampleId :

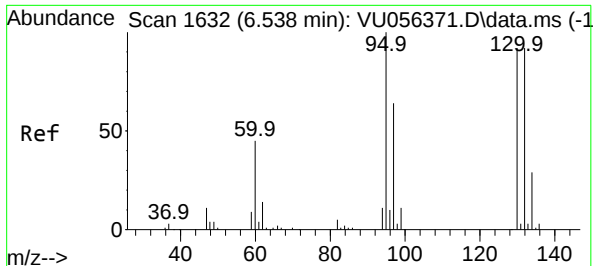
Tgt Ion:117 Resp: 159132
Ion Ratio Lower Upper
117 100
119 93.0 78.1 117.1



#33
Benzene
Concen: 5.804 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

Tgt Ion: 78 Resp: 451543

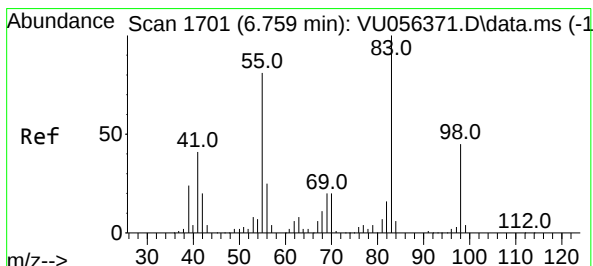
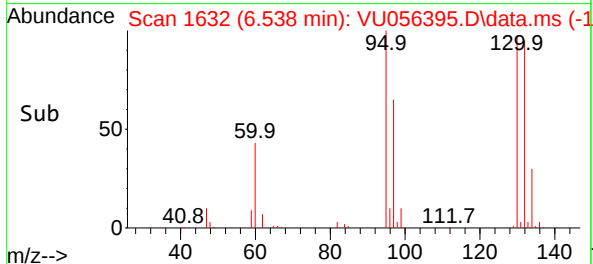
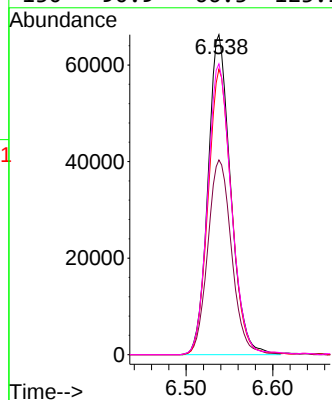
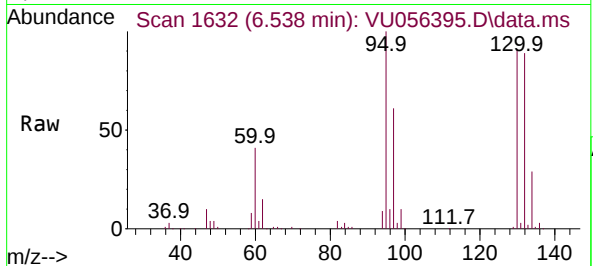




#34
Trichloroethene
Concen: 5.696 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

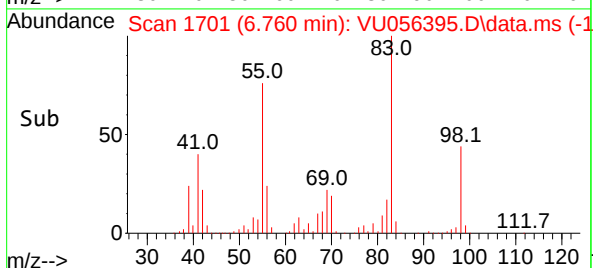
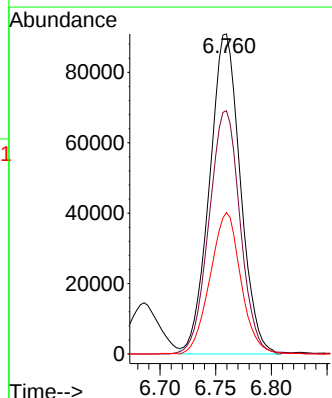
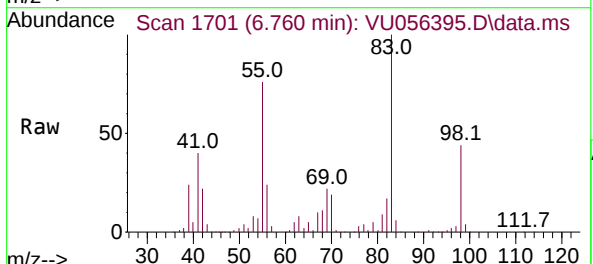
Instrument :
MSVOA_U
ClientSampleId :

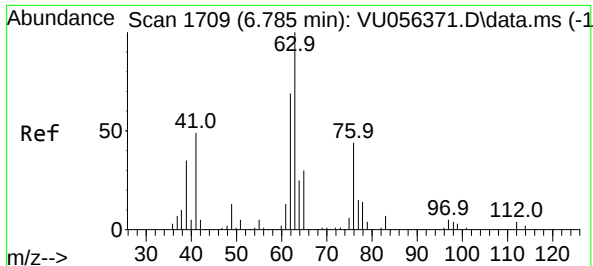
Tgt Ion: 95 Resp: 120735
Ion Ratio Lower Upper
95 100
97 60.9 46.5 86.3
132 89.2 62.0 115.2
130 90.9 66.3 123.1



#35
Methylcyclohexane
Concen: 5.712 ug/L
RT: 6.760 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

Tgt Ion: 83 Resp: 174799
Ion Ratio Lower Upper
83 100
55 77.1 62.9 94.3
98 43.7 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.816 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

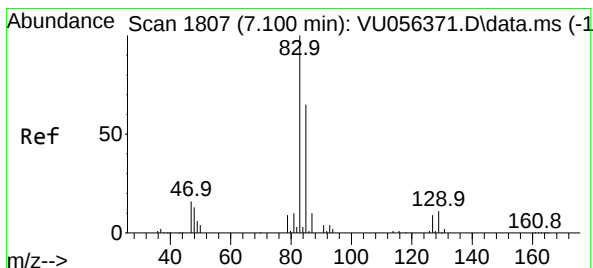
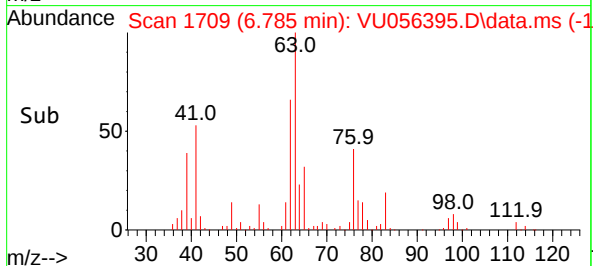
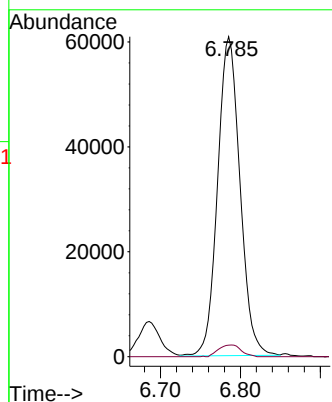
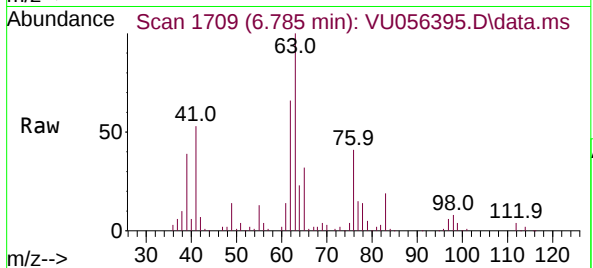
ClientSampleId :

Tgt Ion: 63 Resp: 117984

Ion Ratio Lower Upper

63 100

112 3.7 3.2 4.8



#38

Bromodichloromethane

Concen: 5.605 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

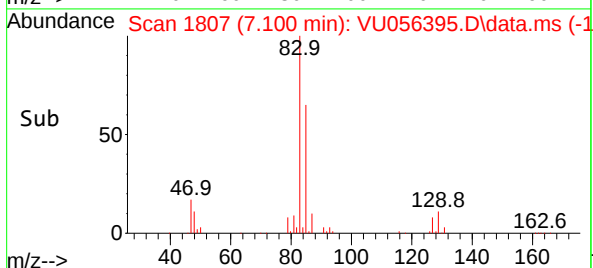
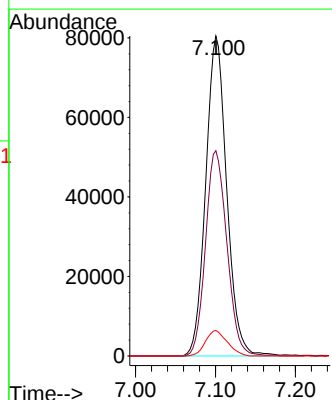
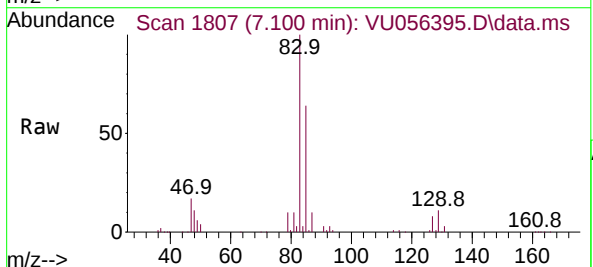
Tgt Ion: 83 Resp: 146811

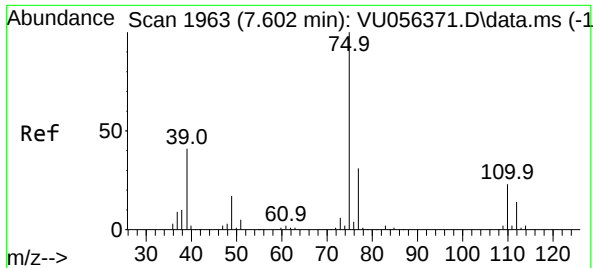
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 8.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.531 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

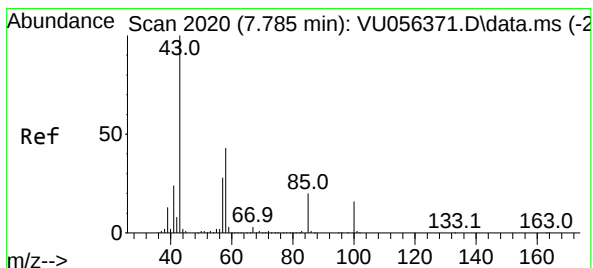
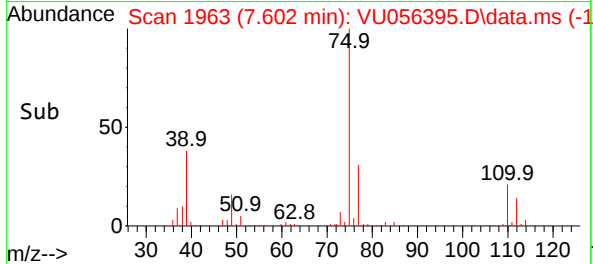
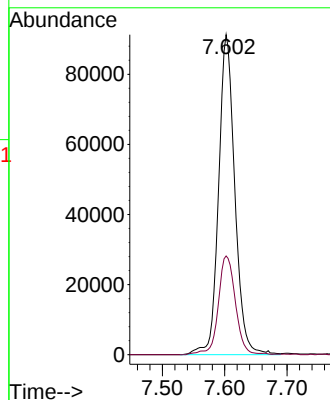
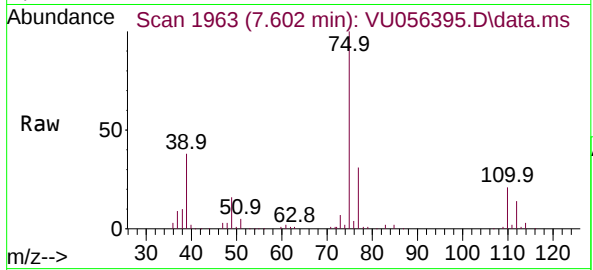
ClientSampleId :

Tgt Ion: 75 Resp: 164874

Ion Ratio Lower Upper

75 100

77 30.9 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 55.059 ug/L

RT: 7.789 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

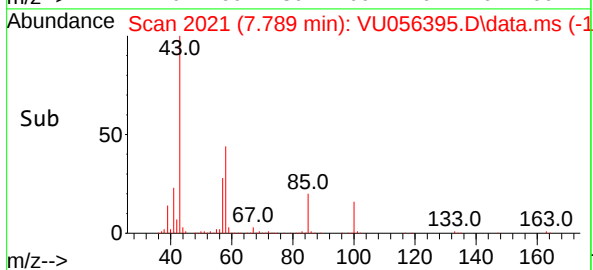
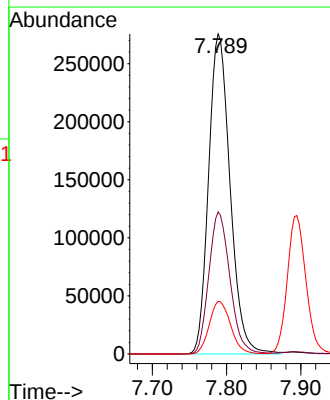
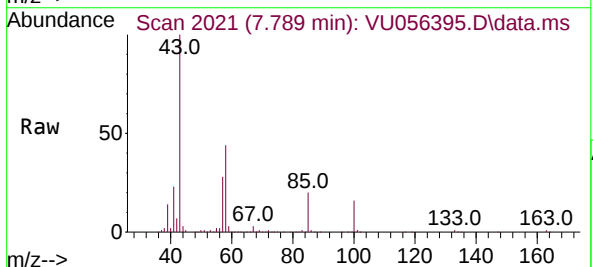
Tgt Ion: 43 Resp: 553713

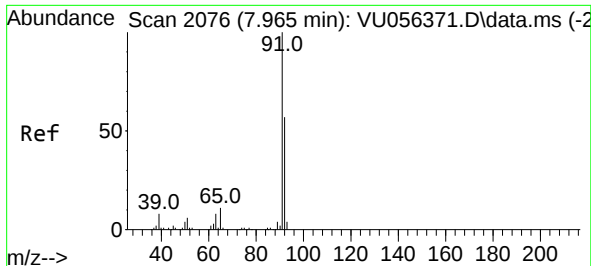
Ion Ratio Lower Upper

43 100

58 43.7 33.8 50.8

100 16.3 13.0 19.4





#42

Toluene

Concen: 5.609 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

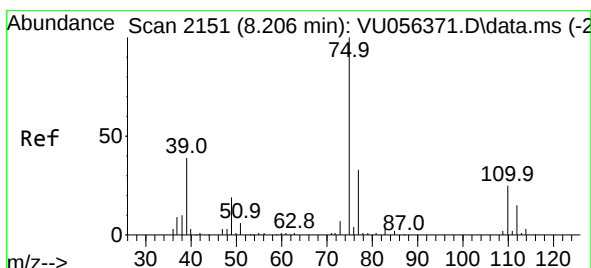
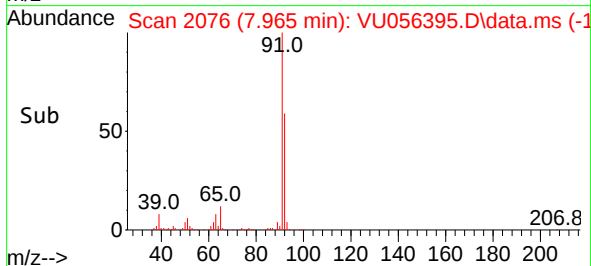
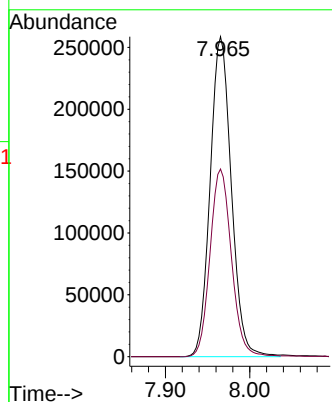
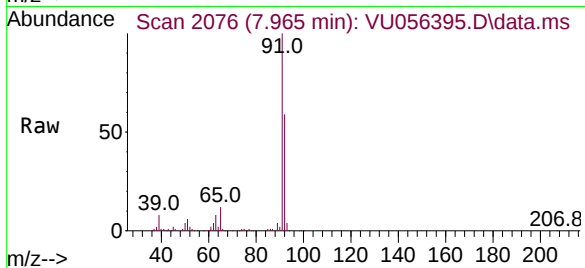
ClientSampleId :

Tgt Ion: 91 Resp: 451744

Ion Ratio Lower Upper

91 100

92 58.7 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.462 ug/L

RT: 8.207 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056395.D

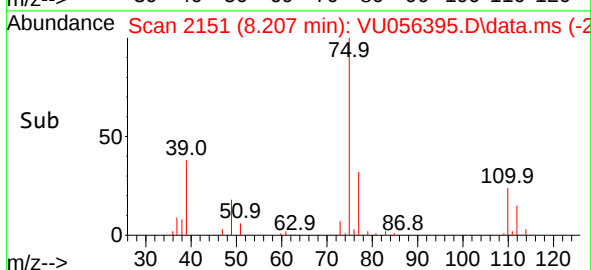
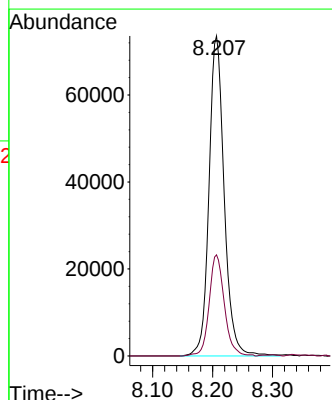
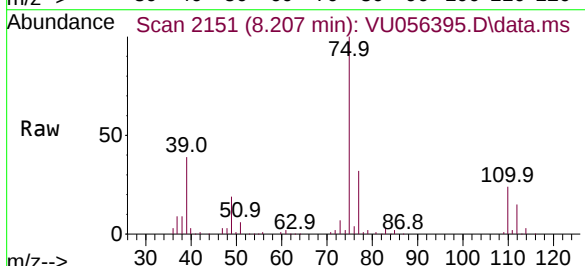
Acq: 16 Nov 2023 09:10

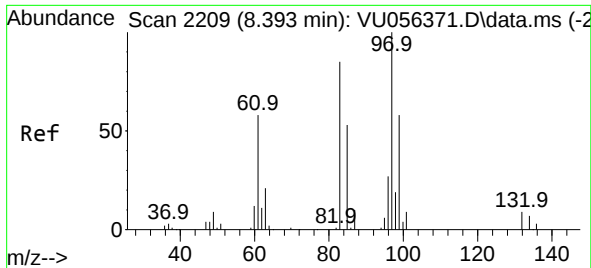
Tgt Ion: 75 Resp: 129795

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4

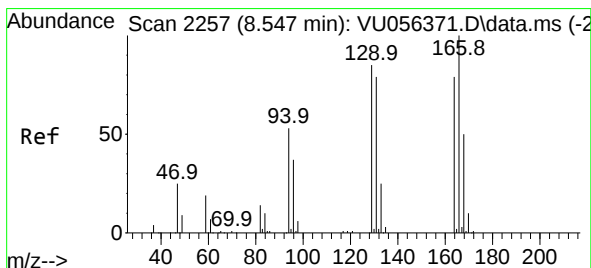
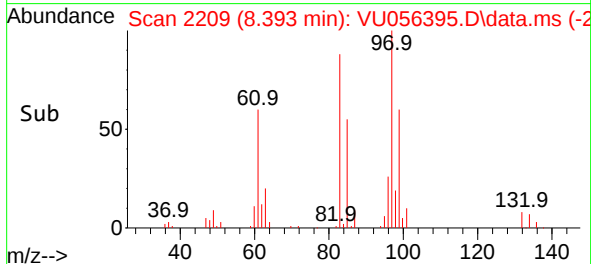
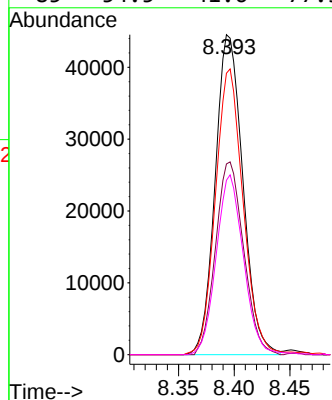
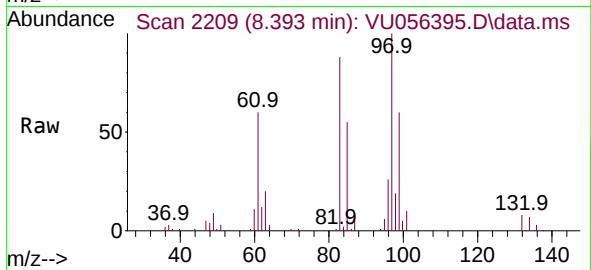




#45
1,1,2-Trichloroethane
Concen: 5.693 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

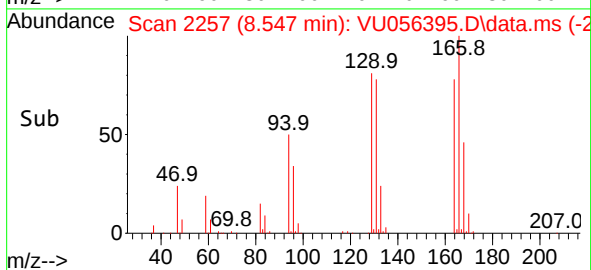
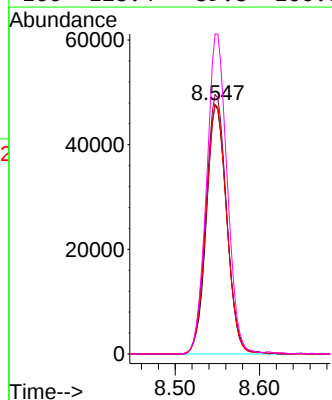
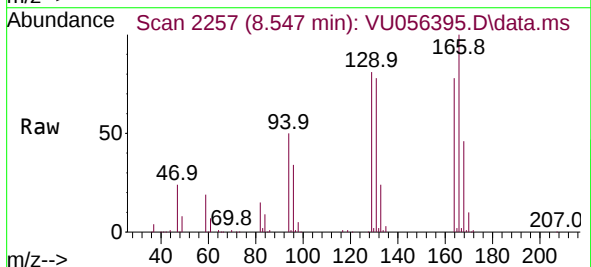
Instrument :
MSVOA_U
ClientSampleId :

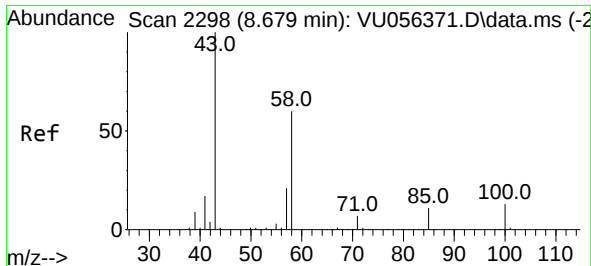
Tgt Ion:	97	Resp:	76922
Ion	Ratio	Lower	Upper
97	100		
99	59.6	44.3	82.3
83	87.9	65.4	121.4
85	54.5	41.6	77.3



#47
Tetrachloroethene
Concen: 5.648 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

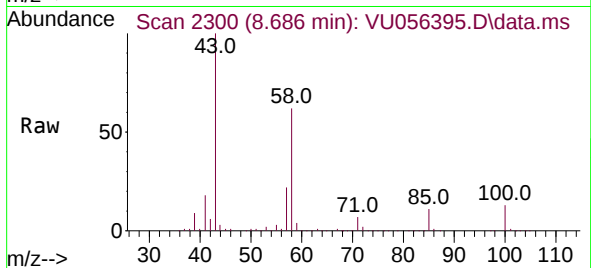
Tgt Ion:	164	Resp:	80721
Ion	Ratio	Lower	Upper
164	100		
129	104.1	71.0	131.9
131	100.1	70.3	130.7
166	128.4	89.8	166.8



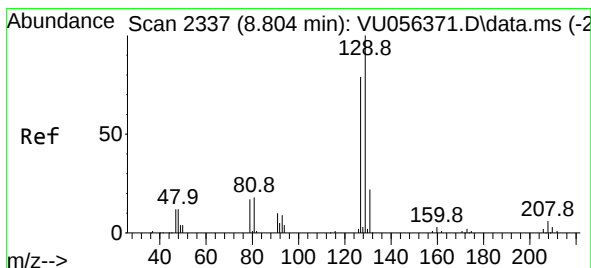
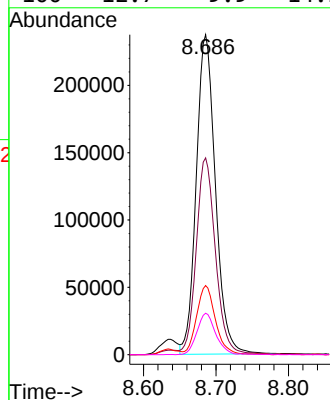
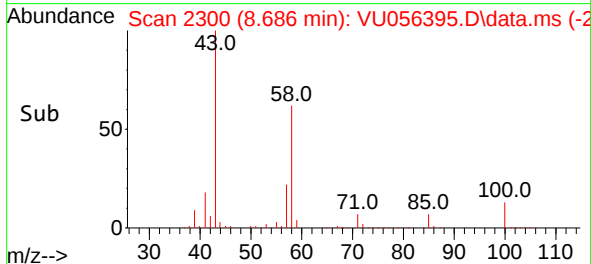


#48
2-Hexanone
Concen: 55.637 ug/L
RT: 8.686 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

Instrument :
MSVOA_U
ClientSampleId :

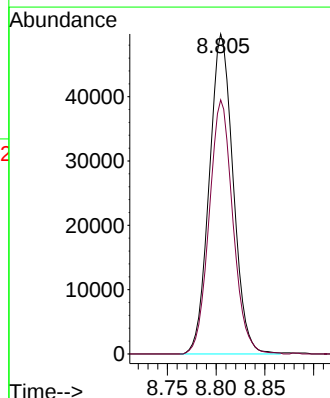
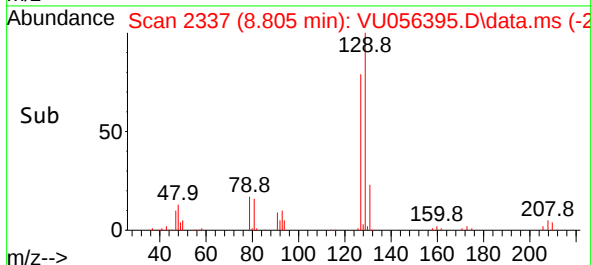
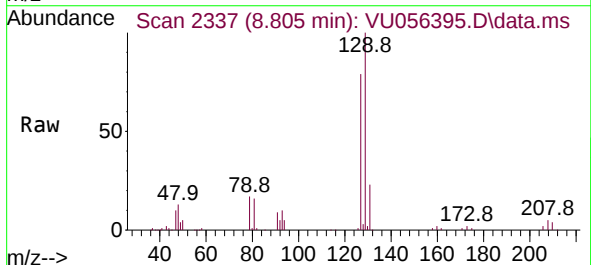


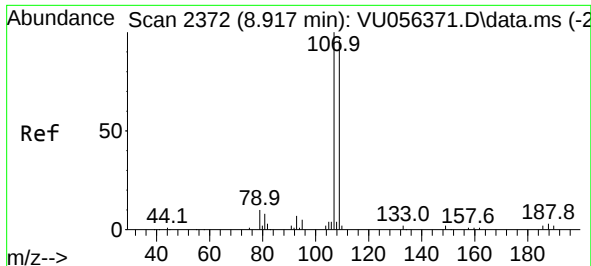
Tgt Ion: 43 Resp: 435899
Ion Ratio Lower Upper
43 100
58 61.4 48.7 73.1
57 20.8 16.8 25.2
100 12.7 9.9 14.9



#49
Dibromochloromethane
Concen: 5.513 ug/L
RT: 8.805 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

Tgt Ion: 129 Resp: 84708
Ion Ratio Lower Upper
129 100
127 79.4 52.9 98.3





#50

1,2-Dibromoethane

Concen: 5.472 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

ClientSampleId :

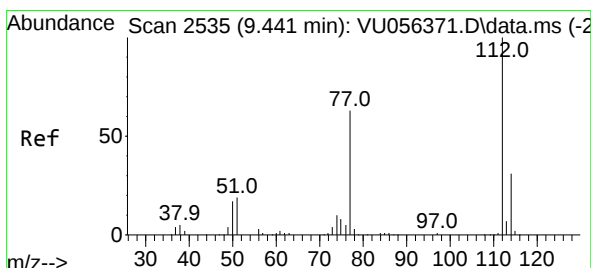
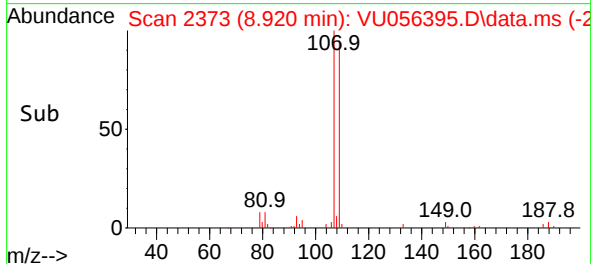
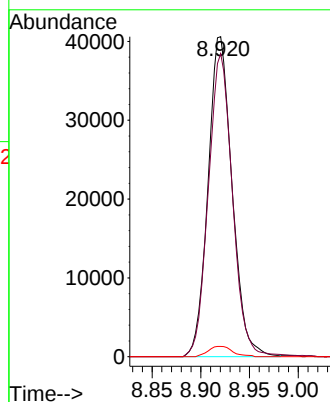
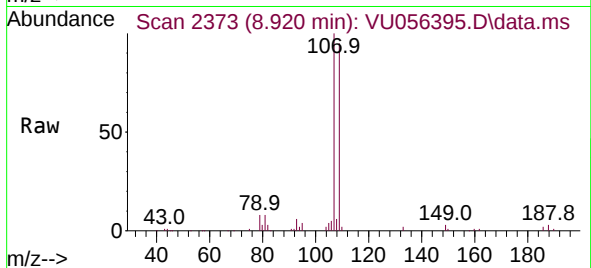
Tgt Ion:107 Resp: 69793

Ion Ratio Lower Upper

107 100

109 94.7 64.2 119.2

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 5.470 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

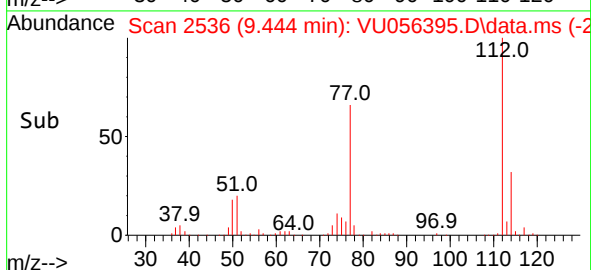
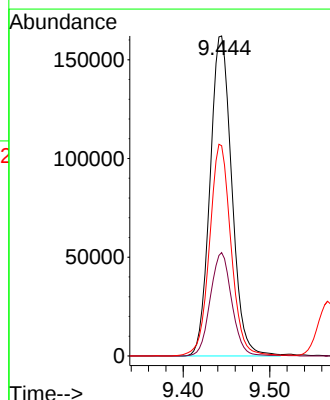
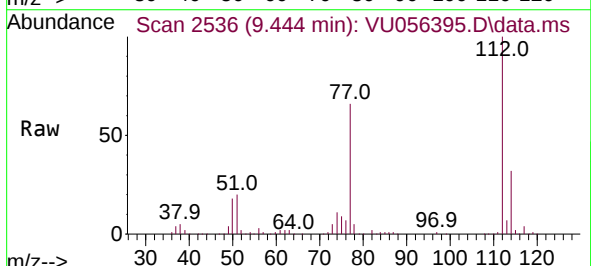
Tgt Ion:112 Resp: 283111

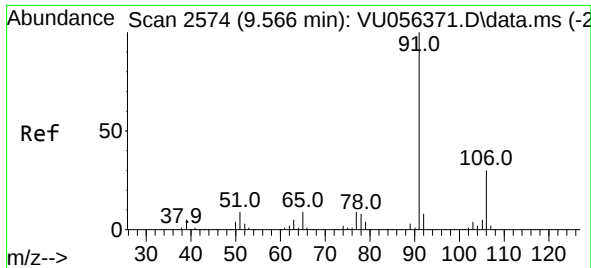
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

77 65.7 51.7 77.5

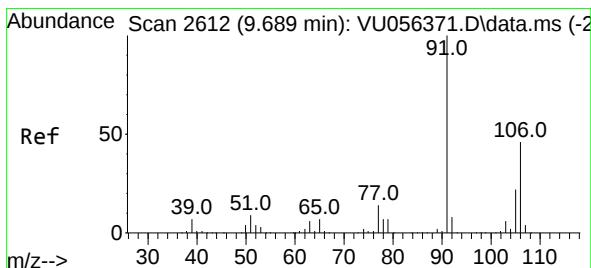
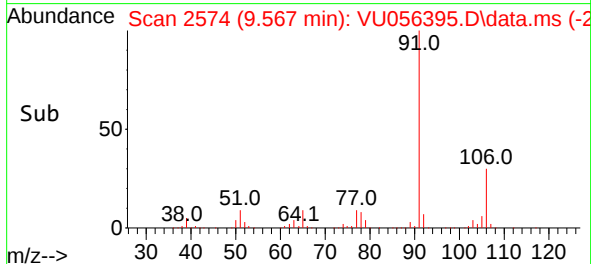
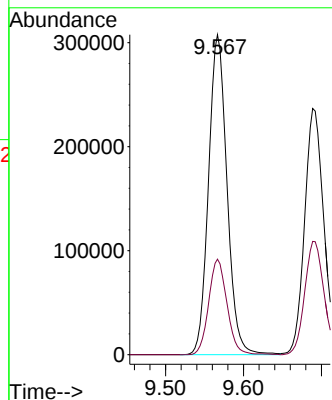
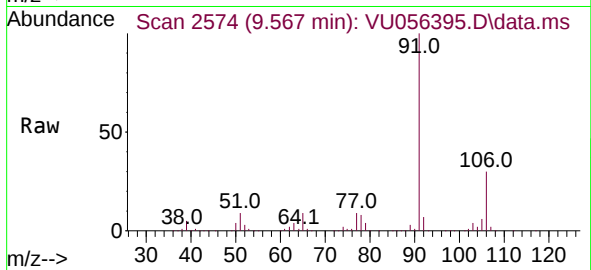




#52
Ethylbenzene
Concen: 5.679 ug/L
RT: 9.567 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

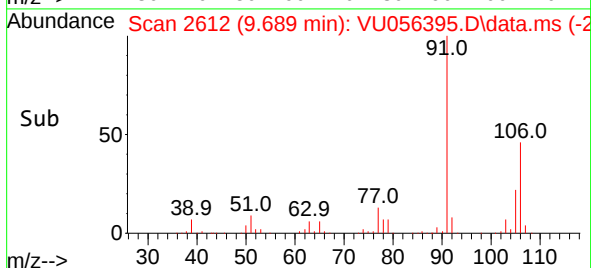
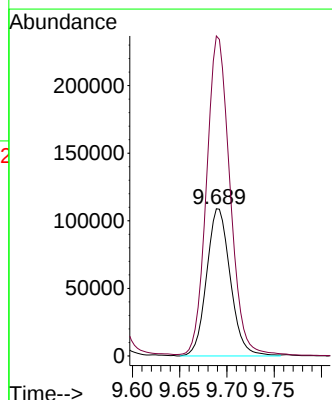
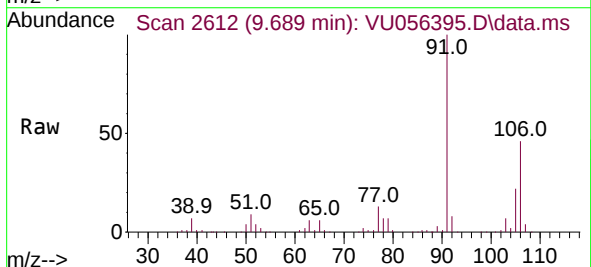
Instrument :
MSVOA_U
ClientSampleId :

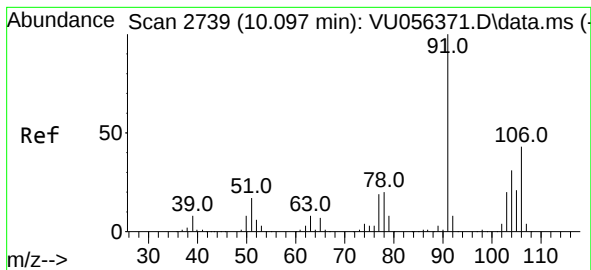
Tgt Ion: 91 Resp: 507923
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.1



#53
m,p-Xylene
Concen: 5.784 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

Tgt Ion:106 Resp: 190173
Ion Ratio Lower Upper
106 100
91 217.4 149.6 277.8





#54

o-Xylene

Concen: 5.749 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

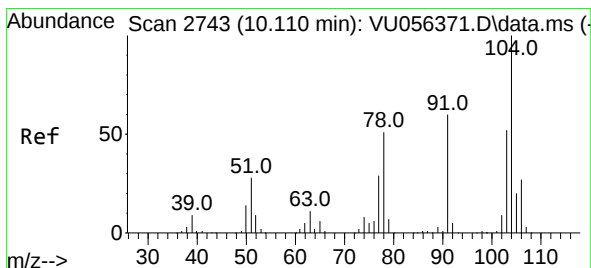
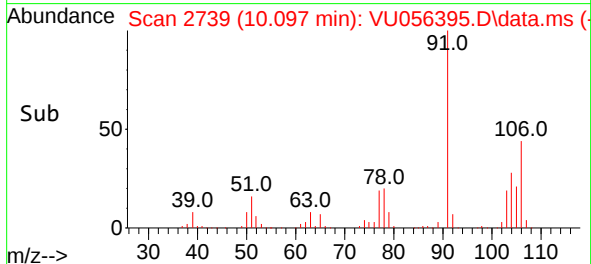
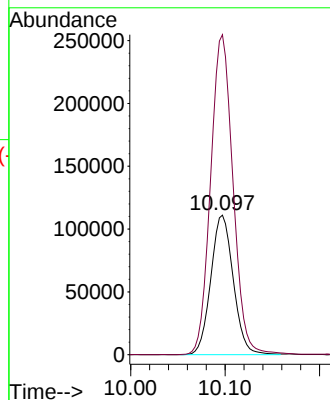
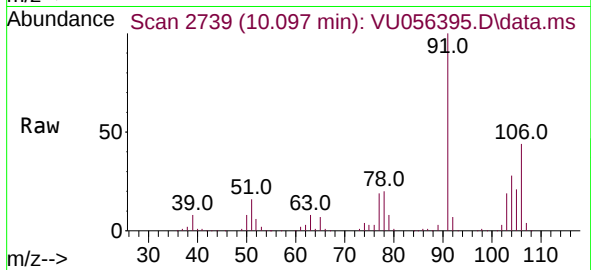
ClientSampleId :

Tgt Ion:106 Resp: 183608

Ion Ratio Lower Upper

106 100

91 229.3 159.3 295.9



#55

Styrene

Concen: 5.909 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU056395.D

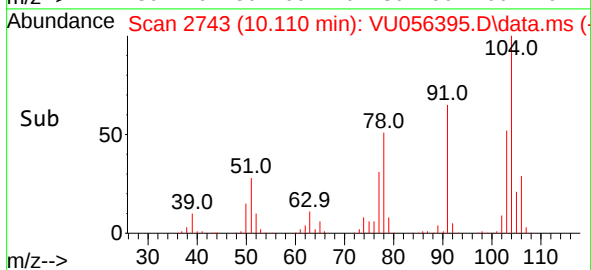
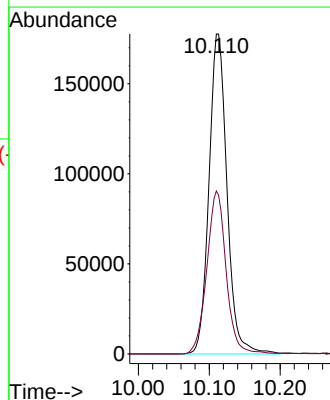
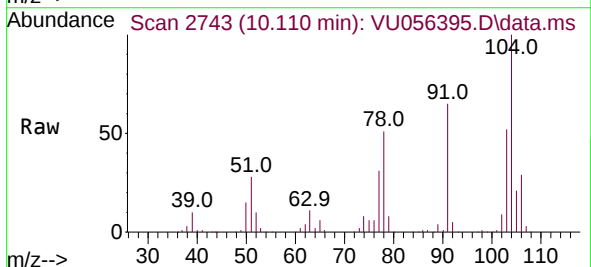
Acq: 16 Nov 2023 09:10

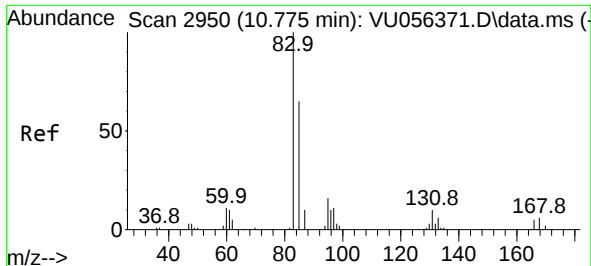
Tgt Ion:104 Resp: 313909

Ion Ratio Lower Upper

104 100

78 50.9 34.2 63.6

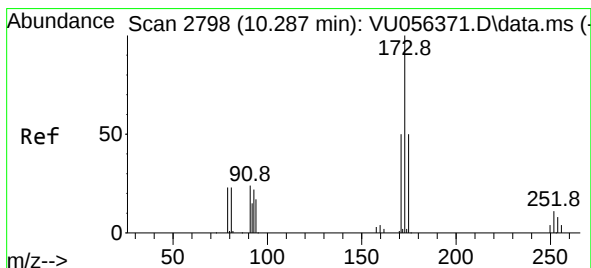
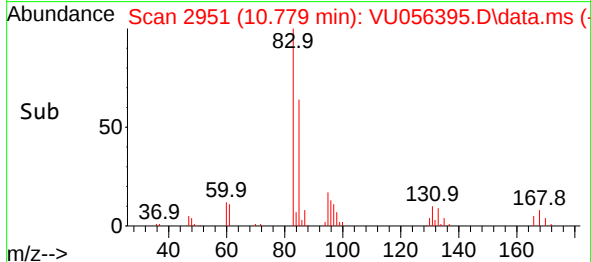
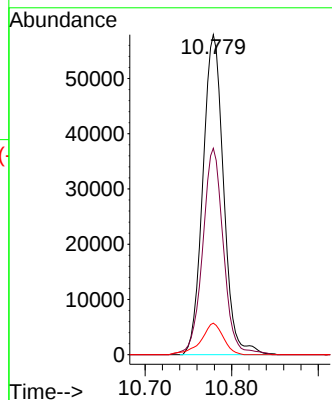
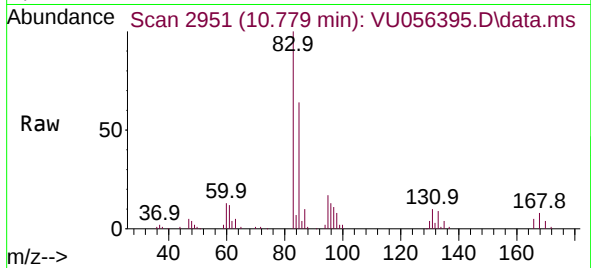




#57
1,1,2,2-Tetrachloroethane
Concen: 5.825 ug/L
RT: 10.779 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

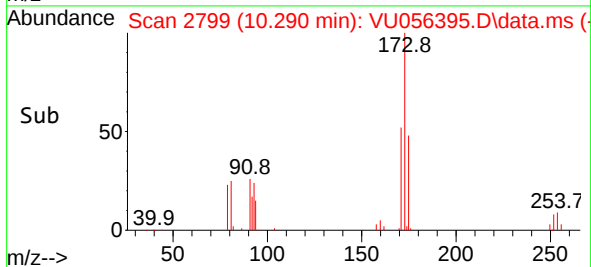
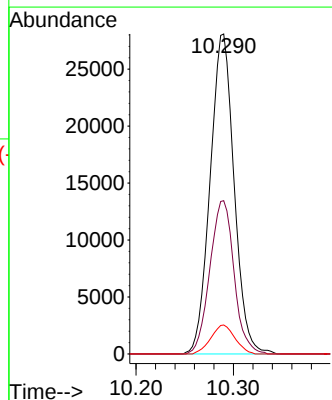
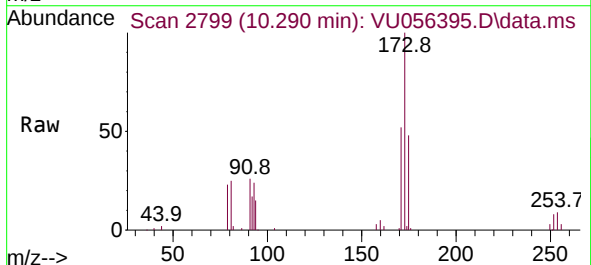
Instrument :
MSVOA_U
ClientSampleId :

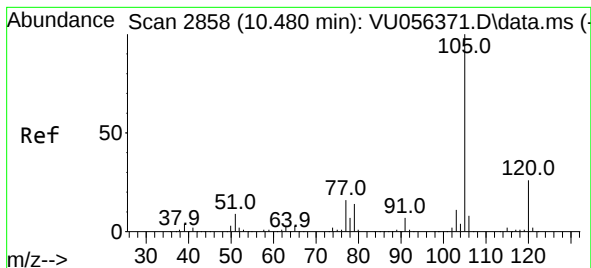
Tgt Ion: 83 Resp: 96101
Ion Ratio Lower Upper
83 100
85 64.5 46.3 86.1
131 9.8 6.7 10.1



#59
Bromoform
Concen: 5.586 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

Tgt Ion:173 Resp: 48016
Ion Ratio Lower Upper
173 100
175 48.2 38.9 58.3
254 9.1 6.7 10.1





#60

Isopropylbenzene

Concen: 5.726 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

ClientSampleId :

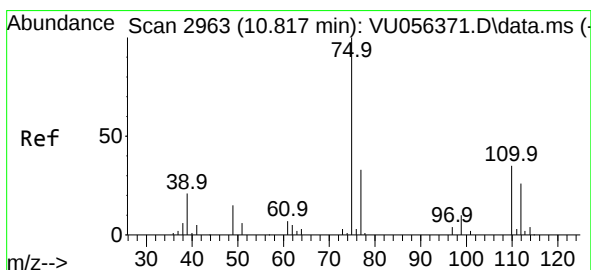
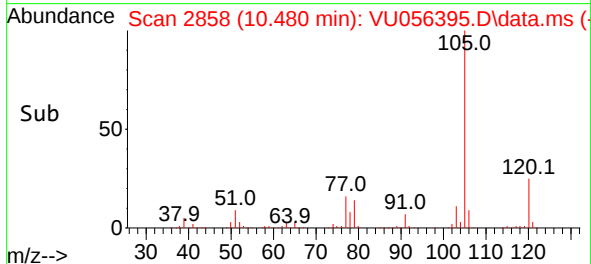
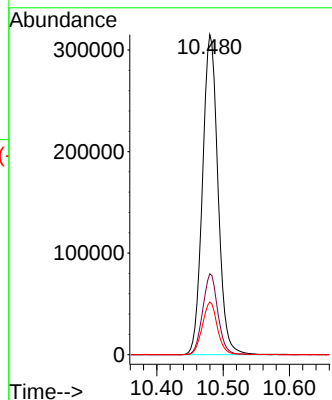
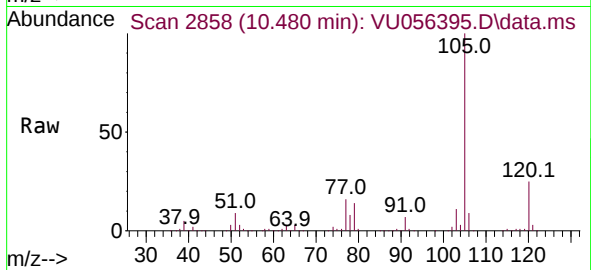
Tgt Ion:105 Resp: 509588

Ion Ratio Lower Upper

105 100

120 24.9 20.4 30.6

77 16.1 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.647 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

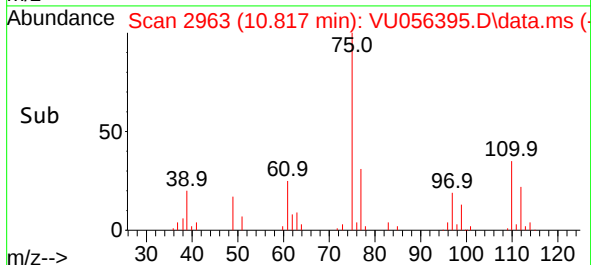
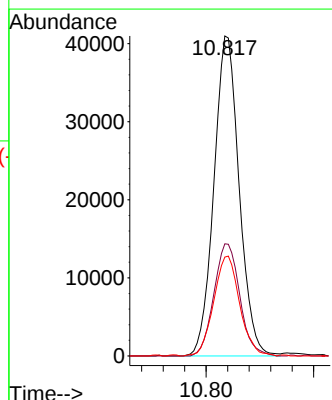
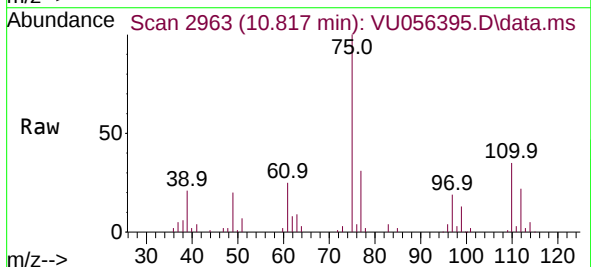
Tgt Ion: 75 Resp: 66861

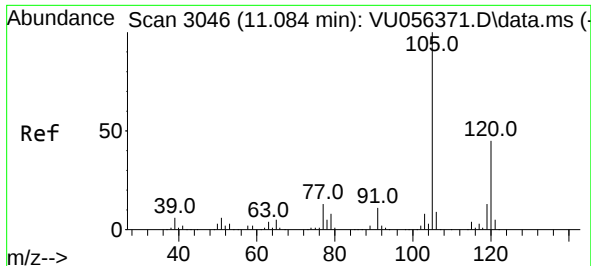
Ion Ratio Lower Upper

75 100

110 35.9 30.4 45.6

77 32.1 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.711 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

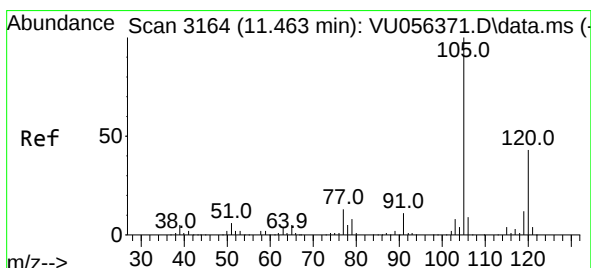
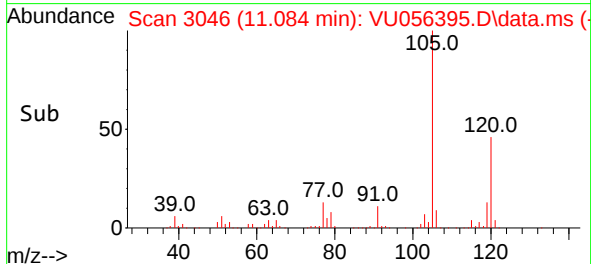
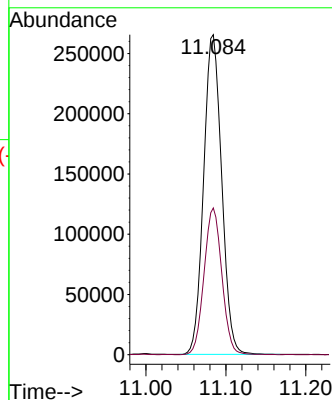
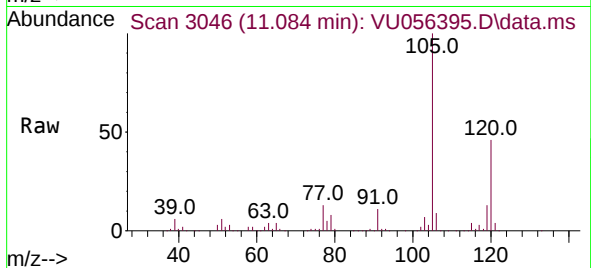
ClientSampleId :

Tgt Ion:105 Resp: 417279

Ion Ratio Lower Upper

105 100

120 45.3 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.893 ug/L

RT: 11.464 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU056395.D

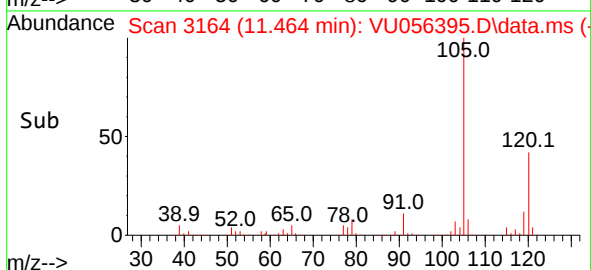
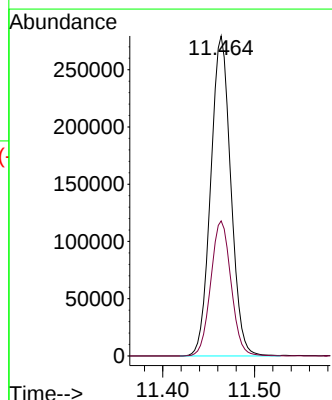
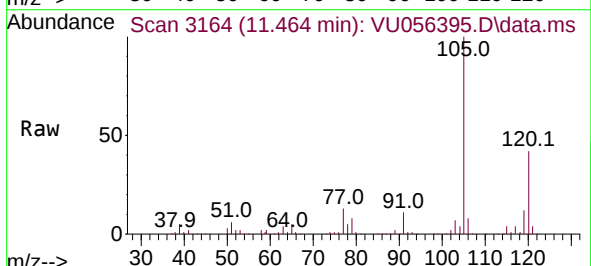
Acq: 16 Nov 2023 09:10

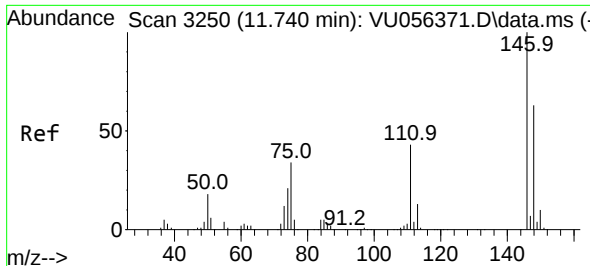
Tgt Ion:105 Resp: 425036

Ion Ratio Lower Upper

105 100

120 42.6 34.0 51.0

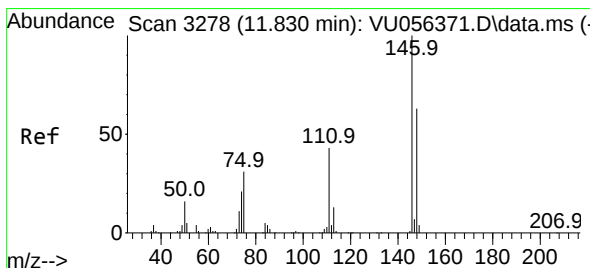
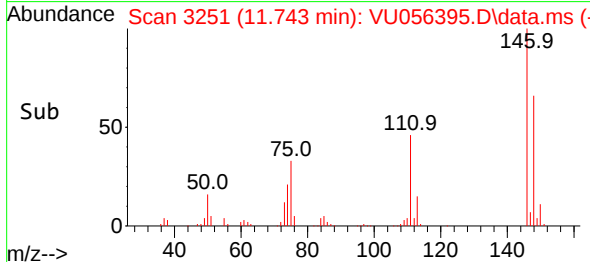
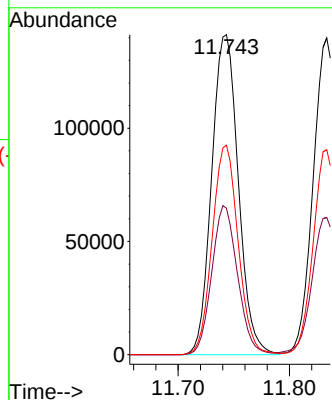
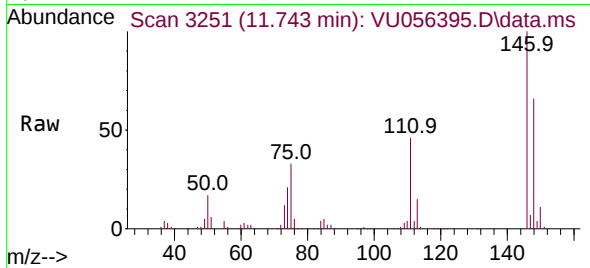




#64
1,3-Dichlorobenzene
Concen: 5.801 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

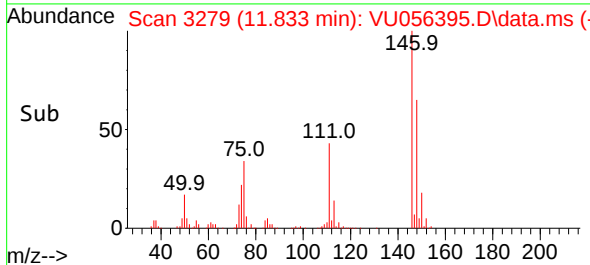
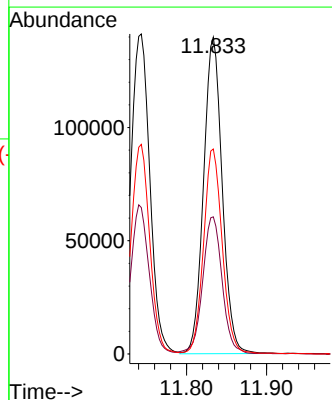
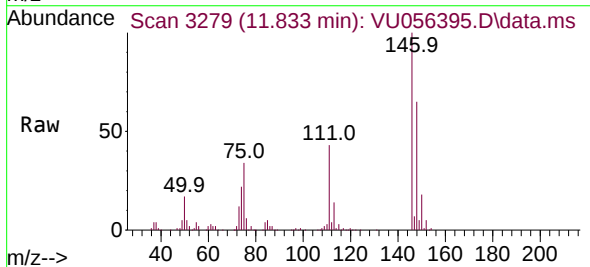
Instrument :
MSVOA_U
ClientSampleId :

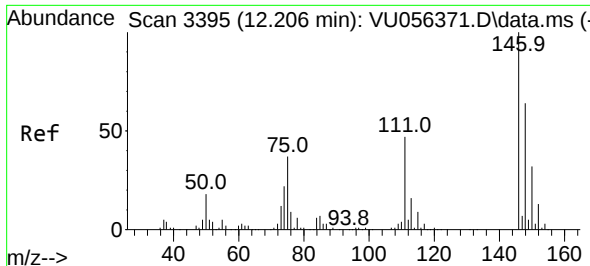
Tgt Ion:146 Resp: 234821
Ion Ratio Lower Upper
146 100
111 45.8 31.1 57.7
148 65.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.592 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056395.D
Acq: 16 Nov 2023 09:10

Tgt Ion:146 Resp: 227090
Ion Ratio Lower Upper
146 100
111 43.3 30.5 56.7
148 64.7 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.799 ug/L

RT: 12.210 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

ClientSampleId :

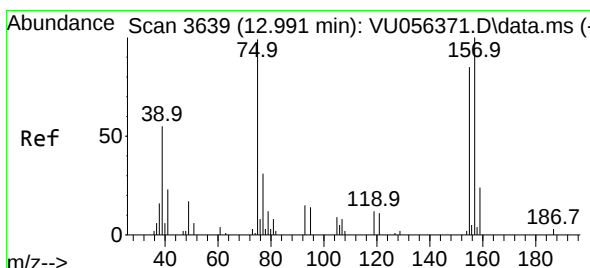
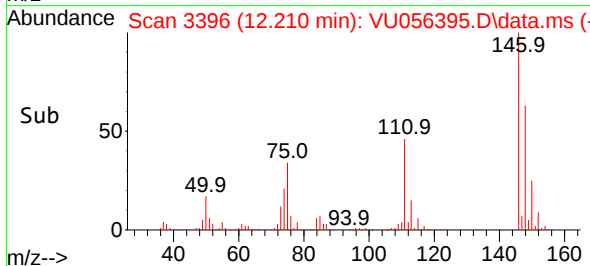
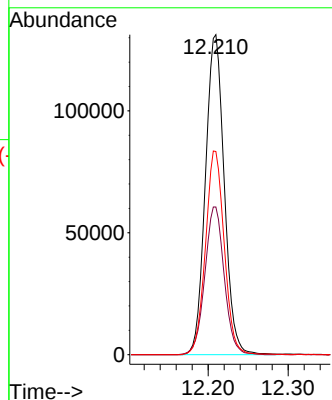
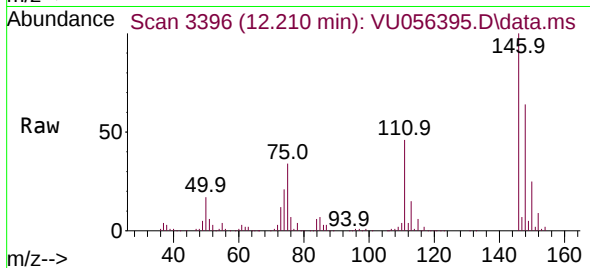
Tgt Ion:146 Resp: 215375

Ion Ratio Lower Upper

146 100

111 46.1 38.3 57.5

148 63.5 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.218 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

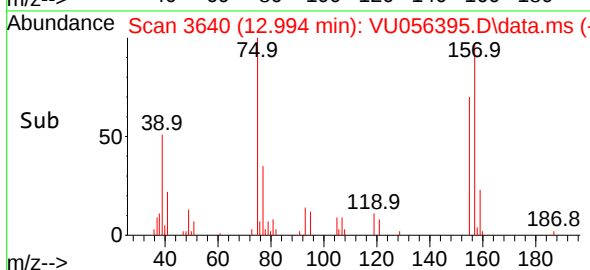
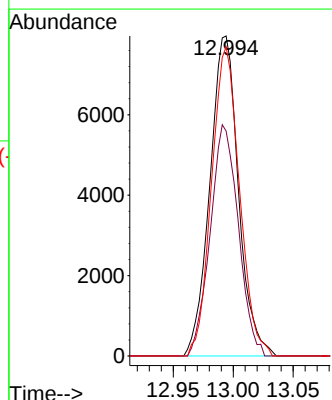
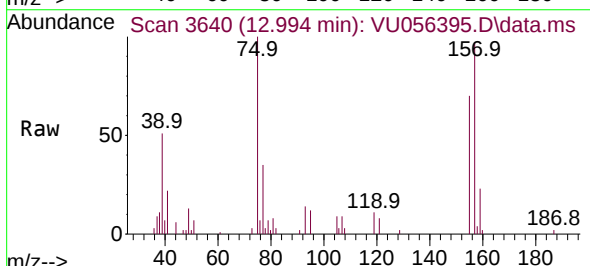
Tgt Ion: 75 Resp: 13197

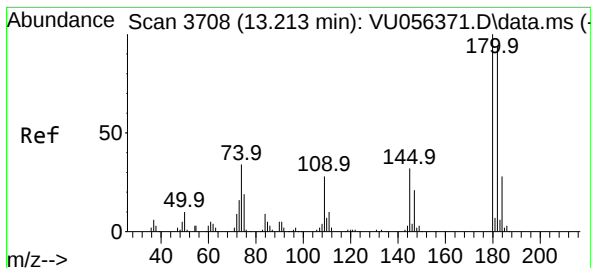
Ion Ratio Lower Upper

75 100

155 70.3 62.4 93.6

157 96.6 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.540 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 168860

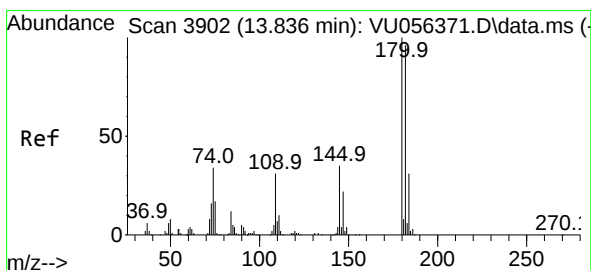
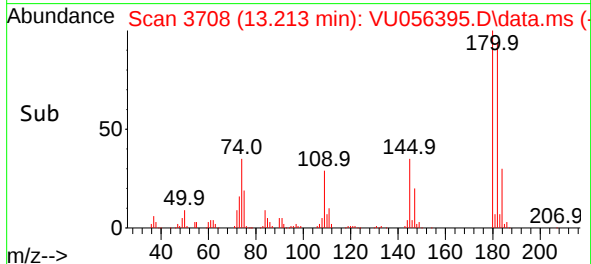
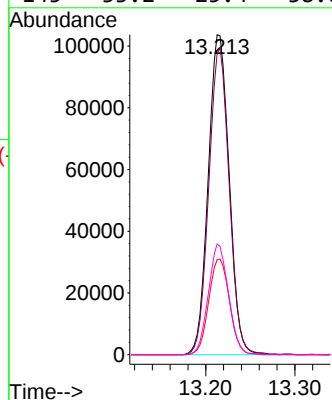
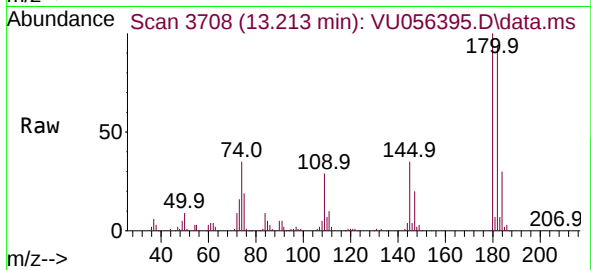
Ion Ratio Lower Upper

180 100

182 93.3 75.1 112.7

184 29.7 23.5 35.3

145 33.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.055 ug/L

RT: 13.837 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

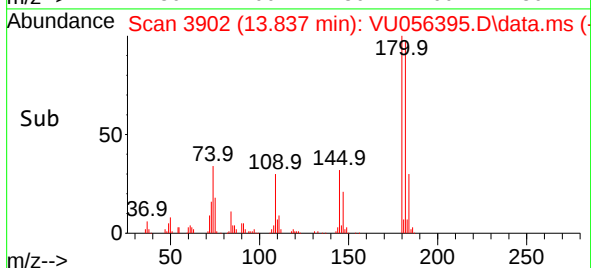
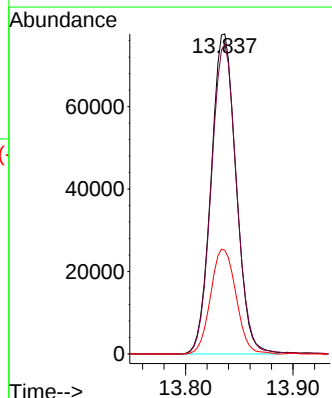
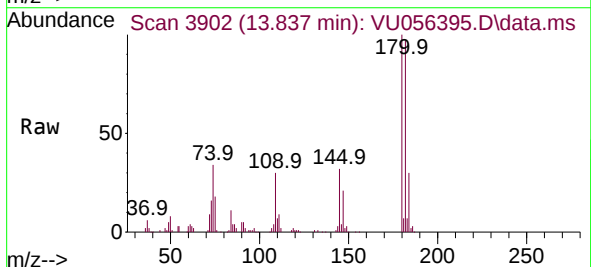
Tgt Ion:180 Resp: 125494

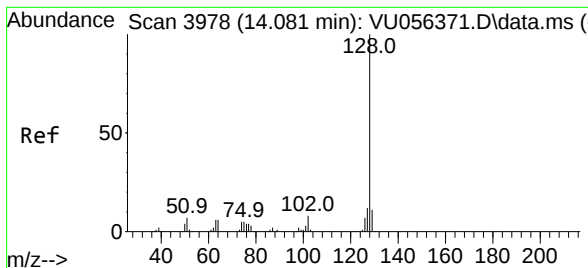
Ion Ratio Lower Upper

180 100

182 97.7 75.4 113.2

145 33.3 26.8 40.2





#71

Naphthalene

Concen: 4.794 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Instrument :

MSVOA_U

ClientSampleId :

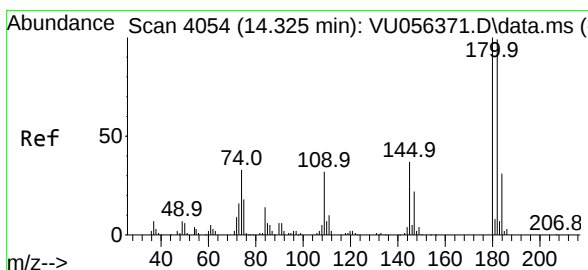
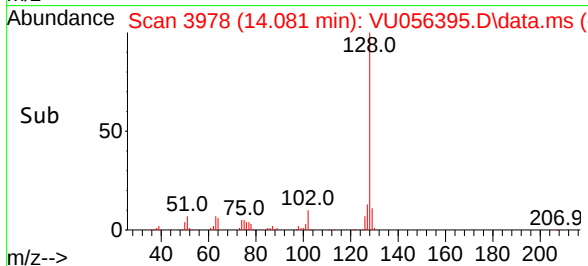
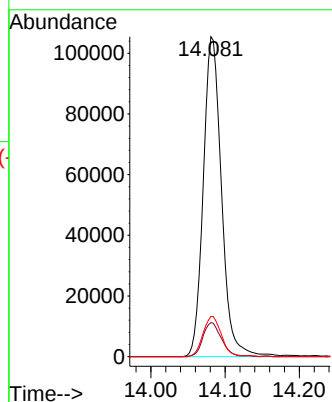
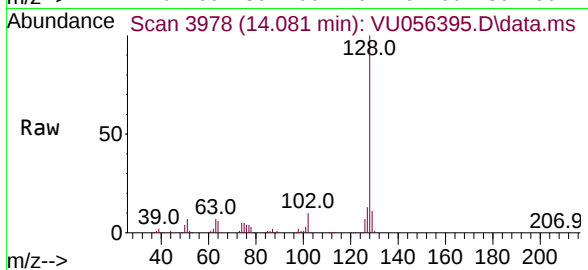
Tgt Ion:128 Resp: 179809

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.7 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 5.182 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU056395.D

Acq: 16 Nov 2023 09:10

Tgt Ion:180 Resp: 105966

Ion Ratio Lower Upper

180 100

182 94.2 78.6 117.8

145 34.3 29.0 43.6

