

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056072.D
 Acq On : 02 Nov 2023 17:43
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:41:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	335838	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	324689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	164565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	100887	3.797	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.914	69	81853	3.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.567	65	43837	3.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.631	46	232933	49.148	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.300%
24) Chloroform-d	5.059	84	213708	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	97909	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.724	84	423305	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.686	67	129616	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.894	98	381635	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.177	79	48050	4.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.631	63	191730	67.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.700%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98511	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	137008	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	80614	4.212	ug/L	98
3) Chloromethane	1.519	50	72419	3.963	ug/L	98
5) Vinyl chloride	1.605	62	82940	4.120	ug/L	100
6) Bromomethane	1.859	94	52489	4.209	ug/L	99
8) Chloroethane	1.933	64	52722	4.470	ug/L	97
9) Trichlorofluoromethane	2.136	101	130242	4.691	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	89844	4.926	ug/L	98
12) 1,1-Dichloroethene	2.580	96	76931	4.726	ug/L	83
13) Acetone	2.644	43	121956	45.156	ug/L	96
14) Carbon disulfide	2.792	76	170213	4.084	ug/L	99
15) Methyl Acetate	2.956	43	26966	4.901	ug/L	96
16) Methylene chloride	3.043	84	91166	4.943	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	195602	4.952	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	77573	4.807	ug/L	97
19) 1,1-Dichloroethane	3.866	63	164576	5.022	ug/L	93
21) 2-Butanone	4.715	43	191189	48.156	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	94704	4.847	ug/L	92
23) Bromochloromethane	4.972	128	40448	5.081	ug/L	92
25) Chloroform	5.084	83	179845	5.118	ug/L	99

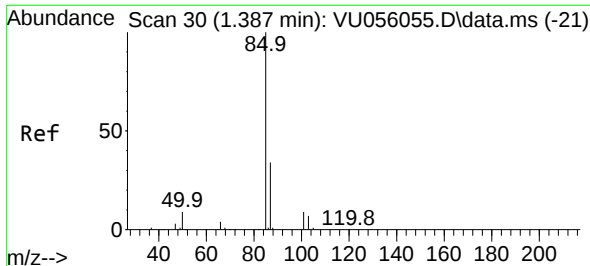
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	98918	4.792	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	148895	5.031	ug/L	98
30) Cyclohexane	5.387	56	114751	4.596	ug/L	99
31) Carbon tetrachloride	5.525	117	127061	5.034	ug/L	98
33) Benzene	5.772	78	366219	5.111	ug/L	100
34) Trichloroethene	6.541	95	96921	4.836	ug/L	98
35) Methylcyclohexane	6.759	83	124213	4.592	ug/L	98
37) 1,2-Dichloropropane	6.788	63	97386	5.119	ug/L	100
38) Bromodichloromethane	7.100	83	124208	5.200	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	137571	5.076	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	454710	49.580	ug/L	97
42) Toluene	7.965	91	384794	5.139	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	112408	5.138	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	71110	5.316	ug/L	97
47) Tetrachloroethene	8.550	164	70835	5.046	ug/L	97
48) 2-Hexanone	8.682	43	347470	48.185	ug/L	98
49) Dibromochloromethane	8.808	129	80134	5.457	ug/L	98
50) 1,2-Dibromoethane	8.920	107	61859	5.096	ug/L	95
51) Chlorobenzene	9.444	112	252778	5.151	ug/L	97
52) Ethylbenzene	9.566	91	421619	4.967	ug/L	99
53) m,p-Xylene	9.692	106	158713	5.003	ug/L	94
54) o-Xylene	10.097	106	156213	5.032	ug/L	99
55) Styrene	10.113	104	264704	5.320	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	83824	5.413	ug/L	97
59) Bromoform	10.287	173	45664	5.455	ug/L	97
60) Isopropylbenzene	10.480	105	428246	5.222	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	57953	5.129	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	335029	4.999	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	332124	5.335	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	202175	5.201	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	200126	5.158	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	186128	5.215	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11725	5.816	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	146495	5.515	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	111109	5.659	ug/L	98
71) Naphthalene	14.084	128	152856	5.376	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	92045	5.437	ug/L	96

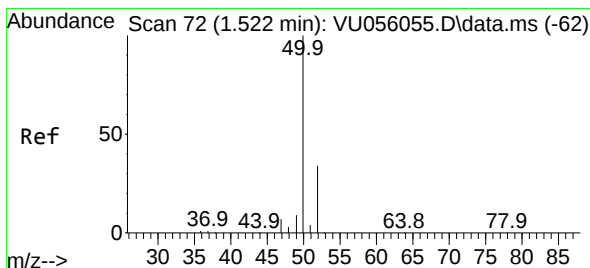
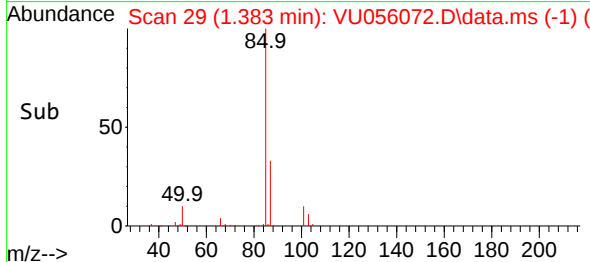
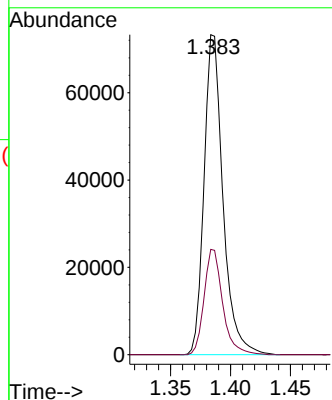
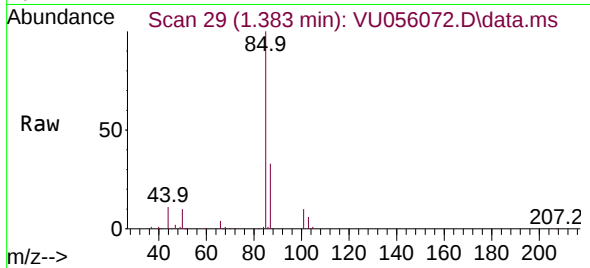
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#2
Dichlorodifluoromethane
Concen: 4.212 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

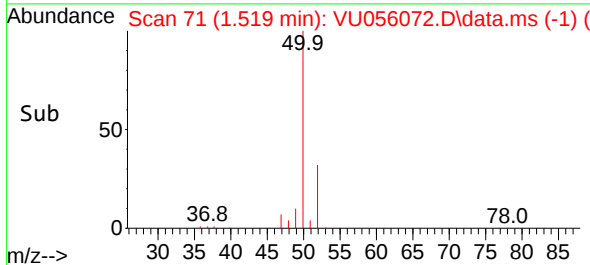
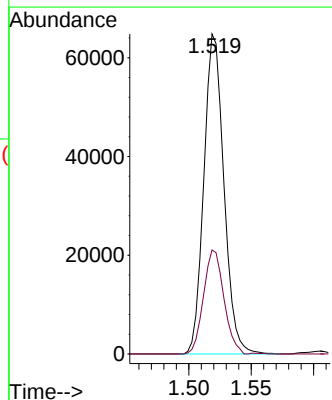
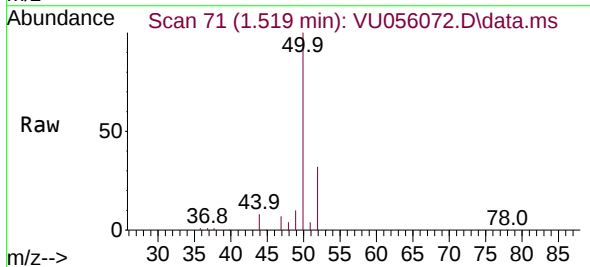
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MSVOA_U
ClientSampleId :

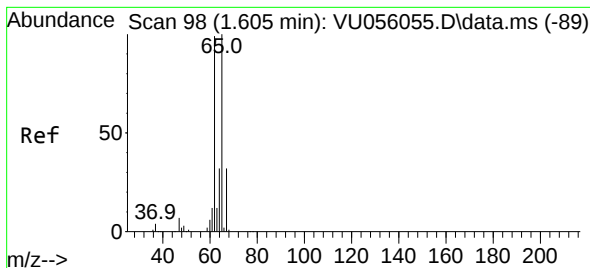
Tgt Ion: 85 Resp: 80614
Ion Ratio Lower Upper
85 100
87 32.3 25.0 37.4



#3
Chloromethane
Concen: 3.963 ug/L
RT: 1.519 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Tgt Ion: 50 Resp: 72419
Ion Ratio Lower Upper
50 100
52 32.5 22.0 40.8





#5

Vinyl chloride

Concen: 4.120 ug/L

RT: 1.605 min Scan# 98

Delta R.T. 0.000 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

Instrument :

MSVOA_U

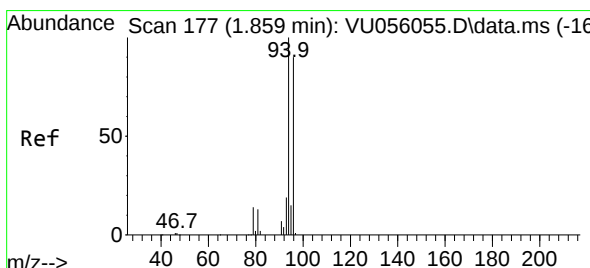
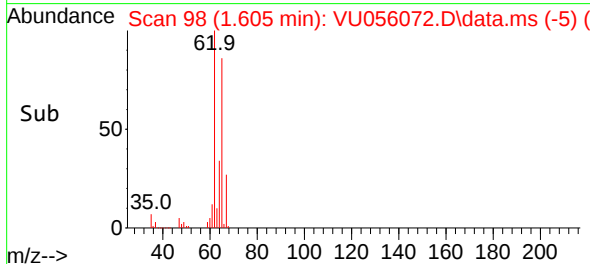
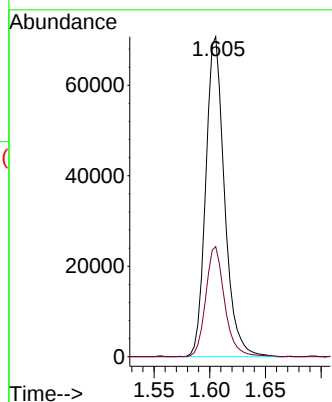
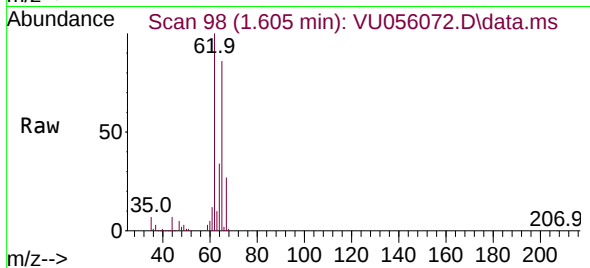
ClientSampleId :

Tgt Ion: 62 Resp: 82940

Ion Ratio Lower Upper

62 100

64 34.4 24.2 45.0



#6

Bromomethane

Concen: 4.209 ug/L

RT: 1.859 min Scan# 177

Delta R.T. 0.000 min

Lab File: VU056072.D

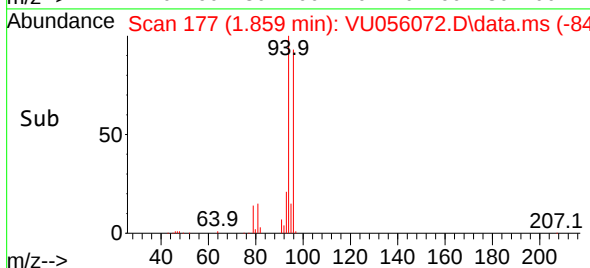
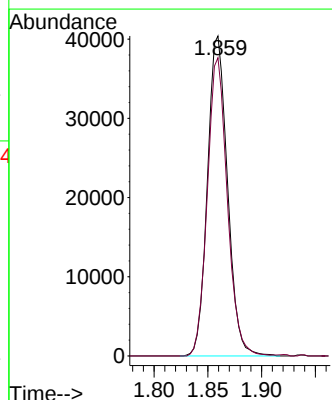
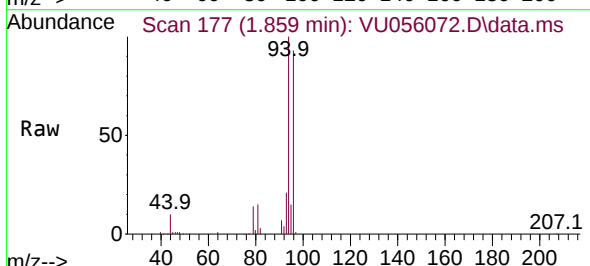
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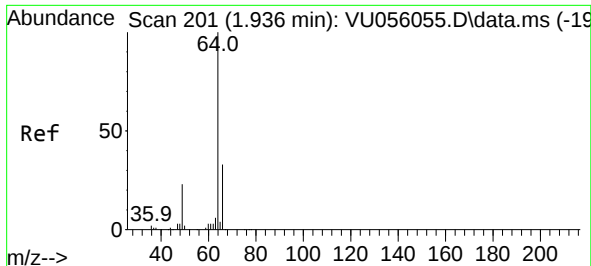
Tgt Ion: 94 Resp: 52489

Ion Ratio Lower Upper

94 100

96 93.2 65.9 122.5

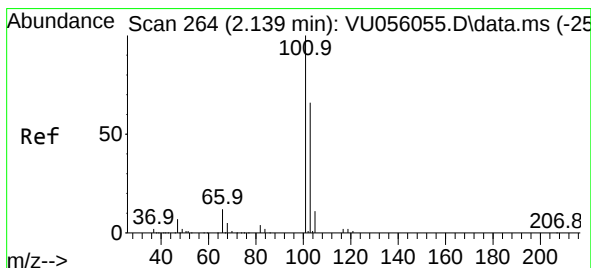
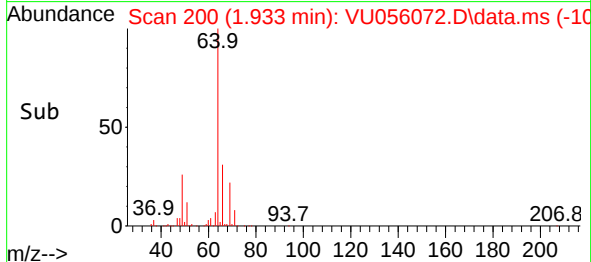
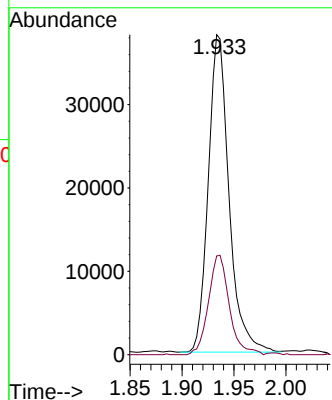
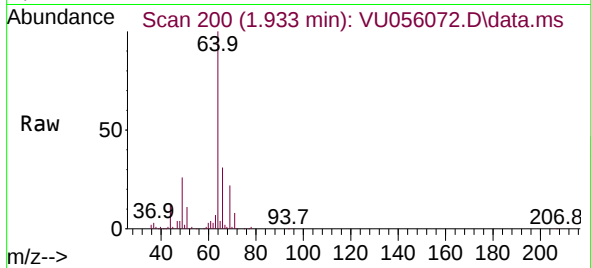




#8
Chloroethane
Concen: 4.470 ug/L
RT: 1.933 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

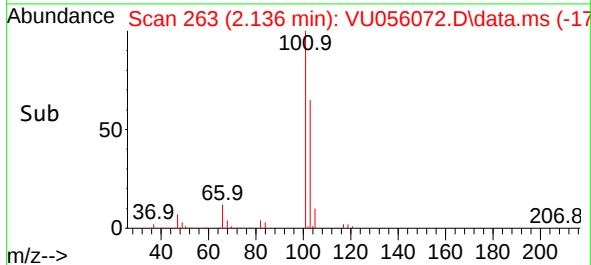
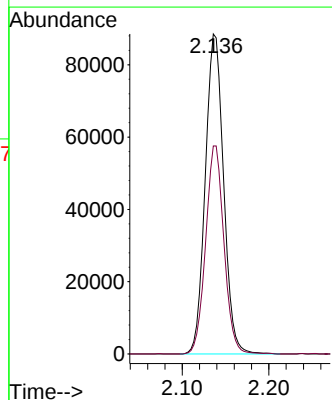
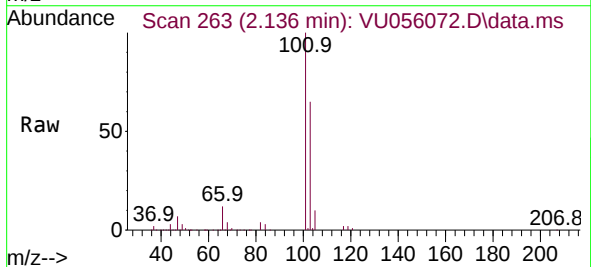
Instrument :
MSVOA_U
ClientSampleId :

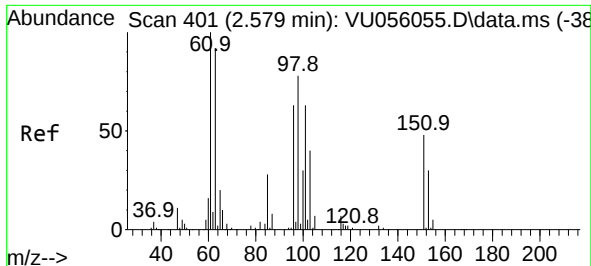
Tgt Ion: 64 Resp: 52722
Ion Ratio Lower Upper
64 100
66 30.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.691 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Tgt Ion: 101 Resp: 130242
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.2

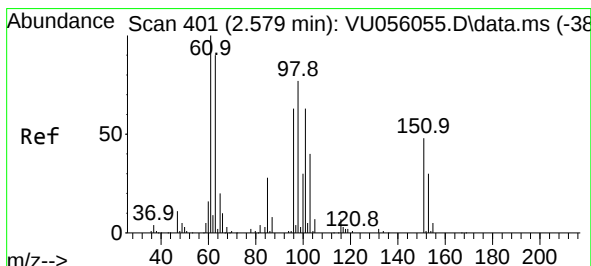
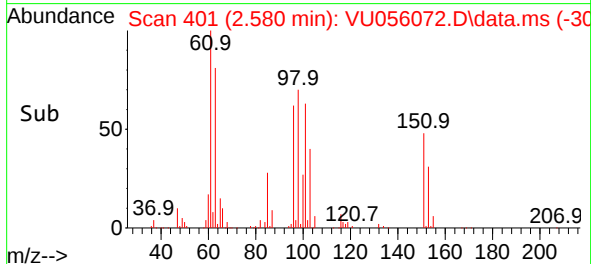
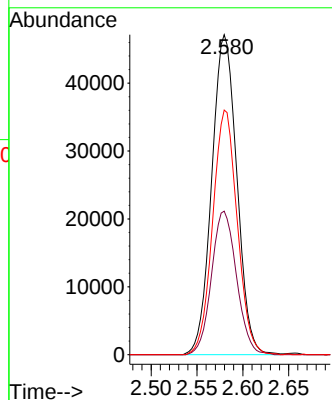
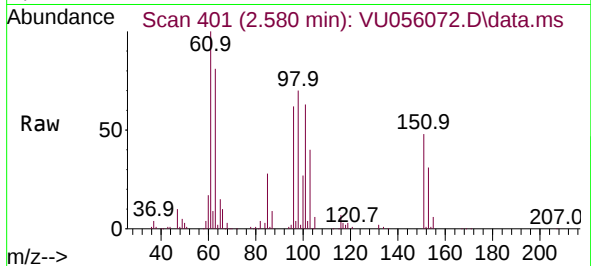




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.926 ug/L
 RT: 2.580 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU056072.D
 Acq: 02 Nov 2023 17:43

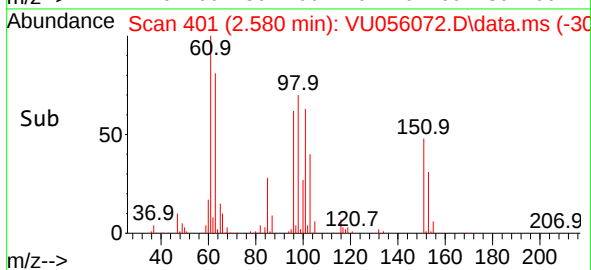
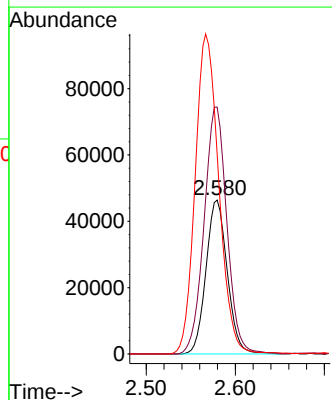
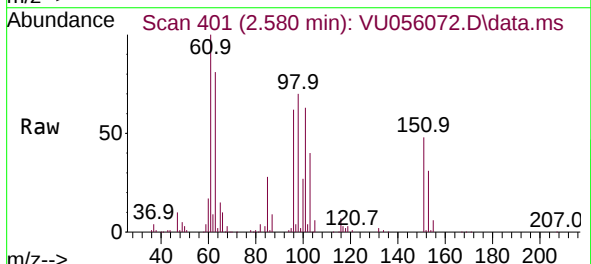
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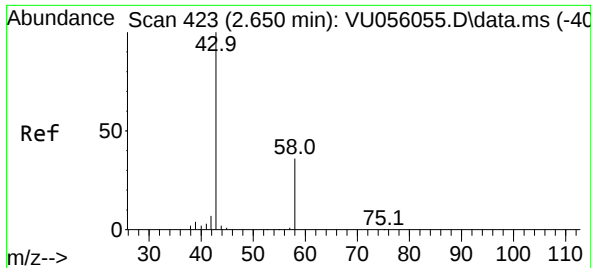
Tgt Ion:101 Resp: 89844
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.4 51.6
 151 74.8 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 4.726 ug/L
 RT: 2.580 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU056072.D
 Acq: 02 Nov 2023 17:43

Tgt Ion: 96 Resp: 76931
 Ion Ratio Lower Upper
 96 100
 61 160.4 123.8 230.0
 63 129.8 111.0 206.2





#13

Acetone

Concen: 45.156 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

Instrument :

MSVOA_U

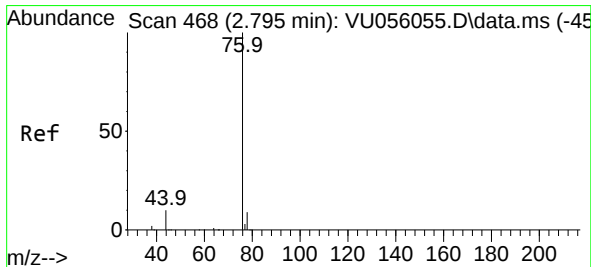
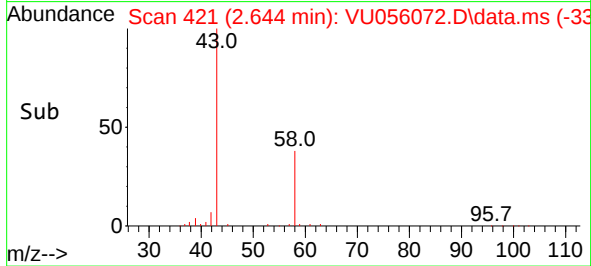
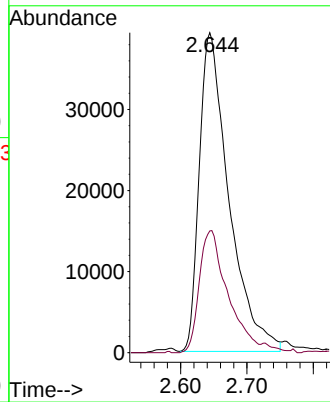
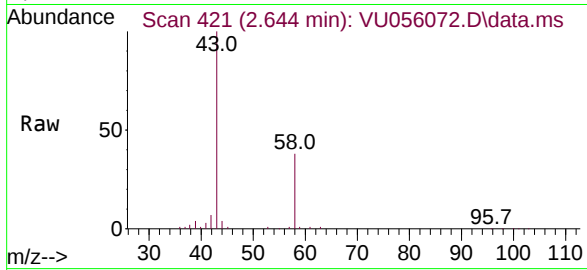
ClientSampleId :

Tgt Ion: 43 Resp: 121956

Ion Ratio Lower Upper

43 100

58 36.6 0.0 69.0



#14

Carbon disulfide

Concen: 4.084 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.003 min

Lab File: VU056072.D

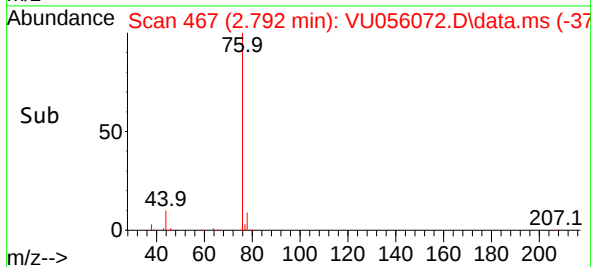
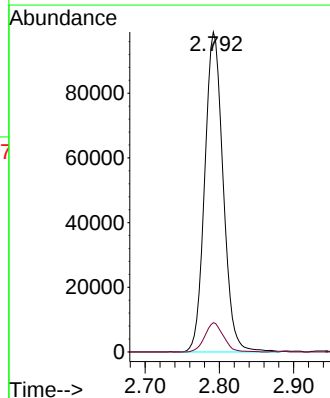
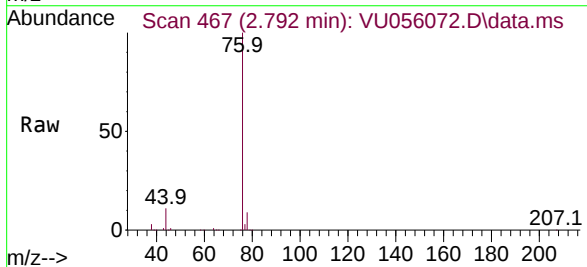
Acq: 02 Nov 2023 17:43

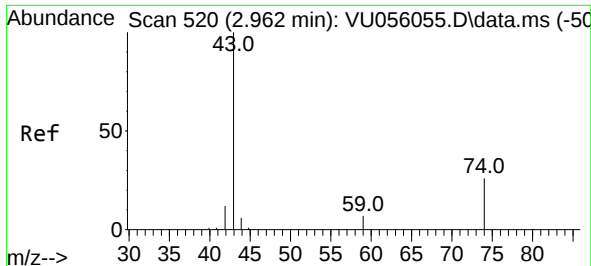
Tgt Ion: 76 Resp: 170213

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

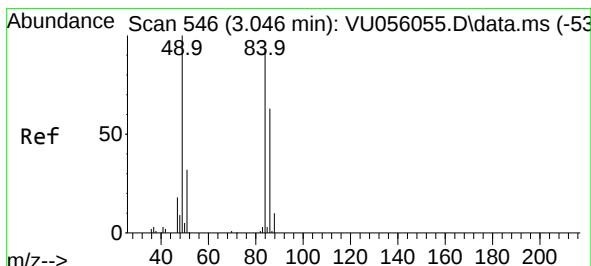
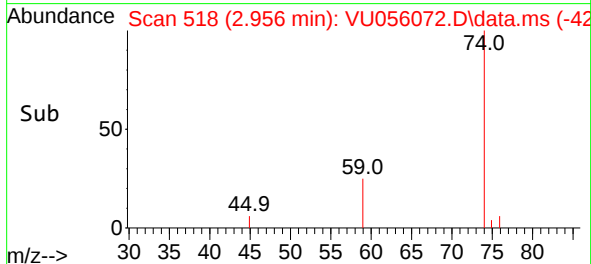
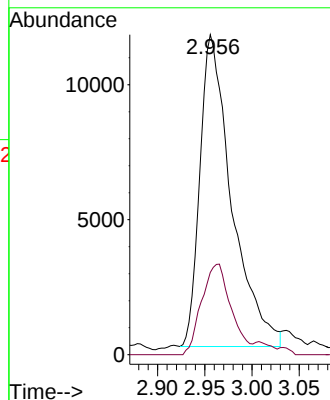
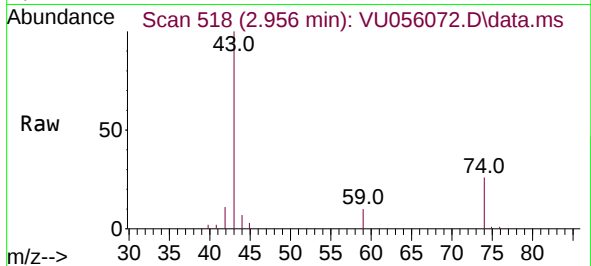




#15
Methyl Acetate
Concen: 4.901 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.006 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

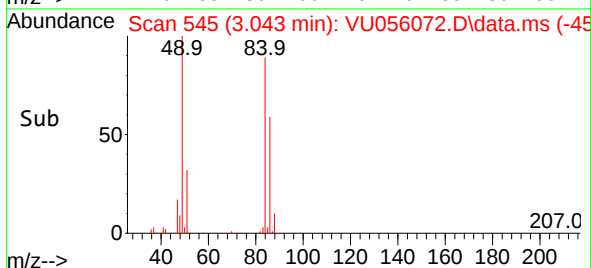
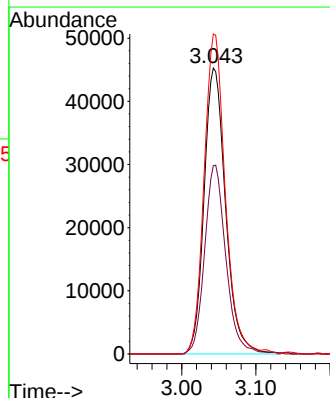
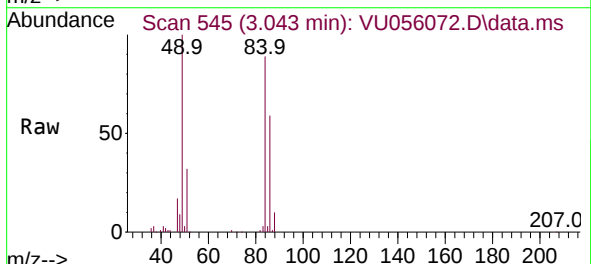
Instrument :
MSVOA_U
ClientSampleId :

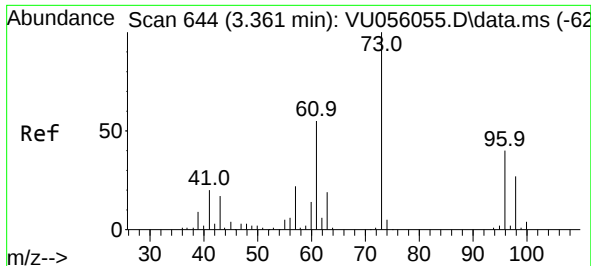
Tgt Ion: 43 Resp: 26966
Ion Ratio Lower Upper
43 100
74 27.0 19.9 29.9



#16
Methylene chloride
Concen: 4.943 ug/L
RT: 3.043 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

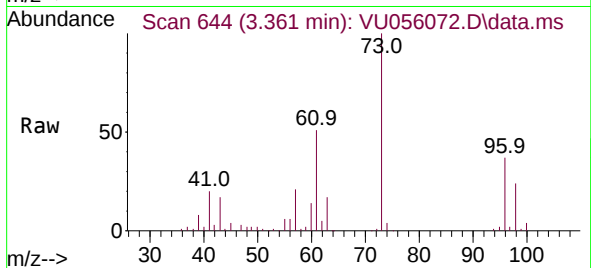
Tgt Ion: 84 Resp: 91166
Ion Ratio Lower Upper
84 100
86 65.9 45.2 84.0
49 111.9 78.8 146.3



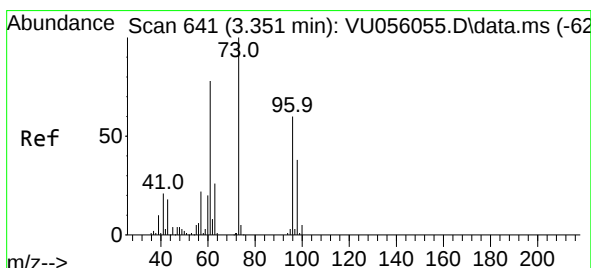
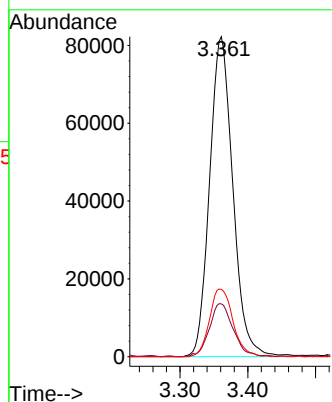
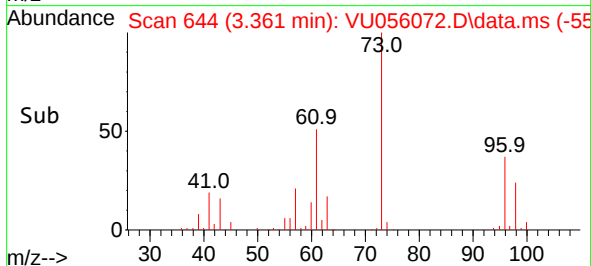


#17
Methyl tert-butyl Ether
Concen: 4.952 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

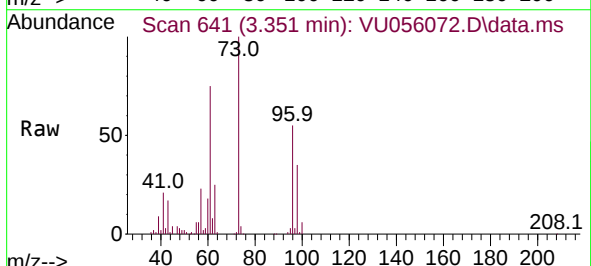
Instrument :
MSVOA_U
ClientSampleId :



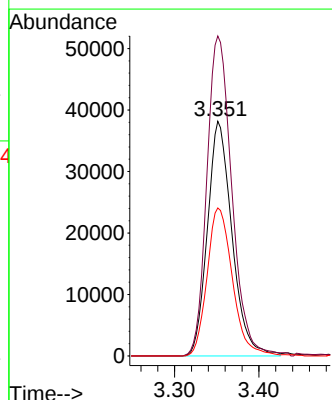
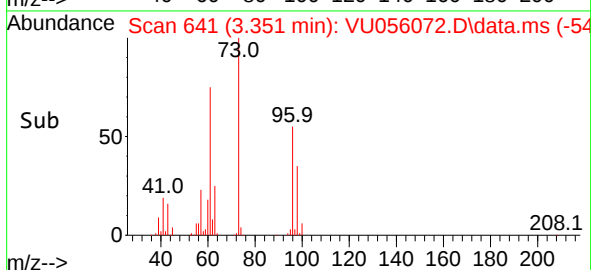
Tgt Ion: 73 Resp: 195602
Ion Ratio Lower Upper
73 100
43 16.9 14.4 21.6
57 21.4 17.0 25.4

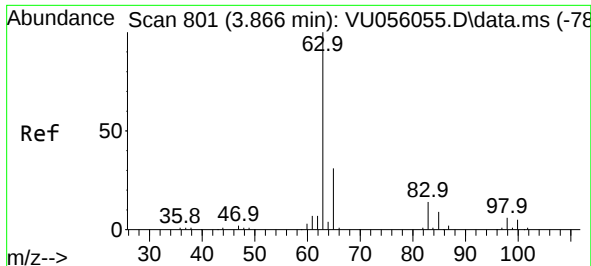


#18
trans-1,2-Dichloroethene
Concen: 4.807 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43



Tgt Ion: 96 Resp: 77573
Ion Ratio Lower Upper
96 100
61 136.4 97.5 181.1
98 63.1 42.7 79.3





#19

1,1-Dichloroethane

Concen: 5.022 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

Instrument :

MSVOA_U

ClientSampleId :

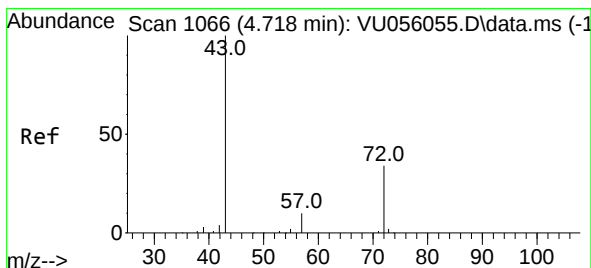
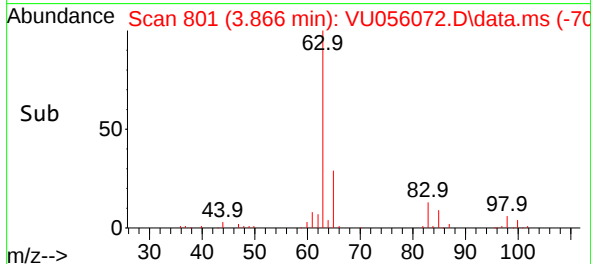
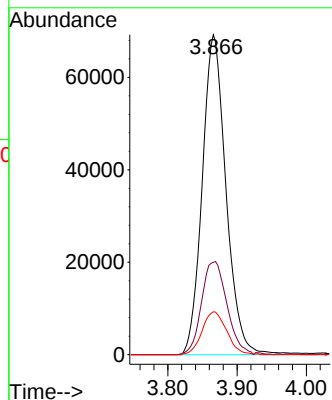
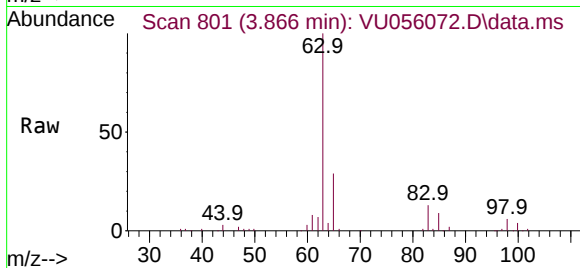
Tgt Ion: 63 Resp: 164576

Ion Ratio Lower Upper

63 100

65 28.9 23.3 43.3

83 13.4 10.5 19.5



#21

2-Butanone

Concen: 48.156 ug/L

RT: 4.715 min Scan# 1065

Delta R.T. -0.003 min

Lab File: VU056072.D

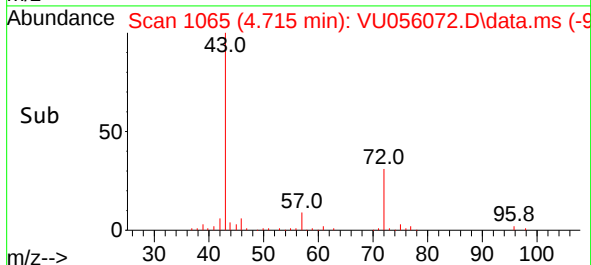
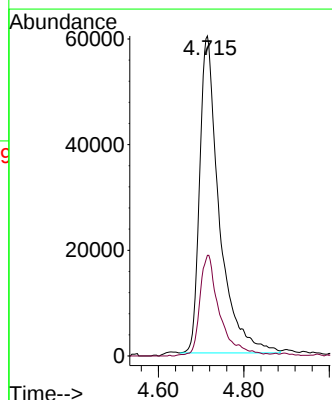
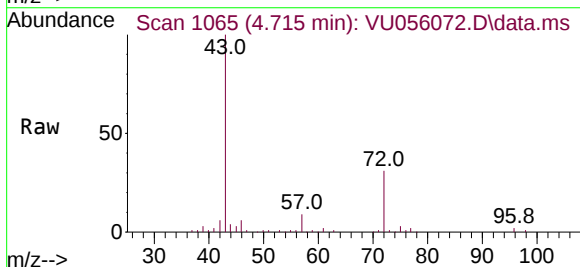
Acq: 02 Nov 2023 17:43

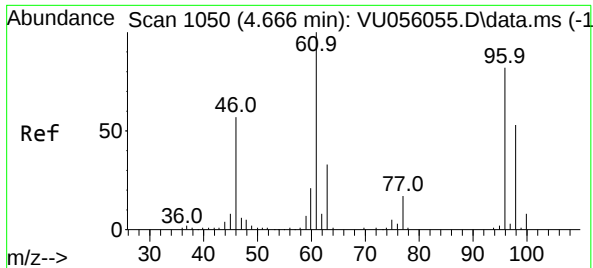
Tgt Ion: 43 Resp: 191189

Ion Ratio Lower Upper

43 100

72 29.9 14.4 43.4

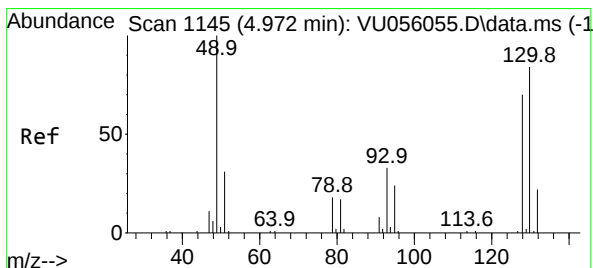
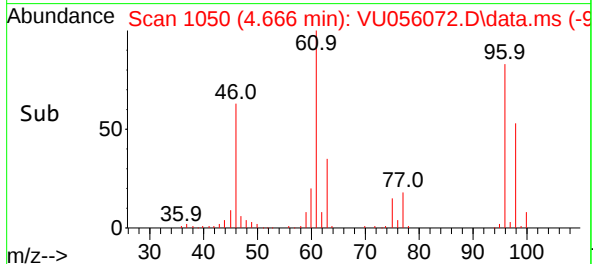
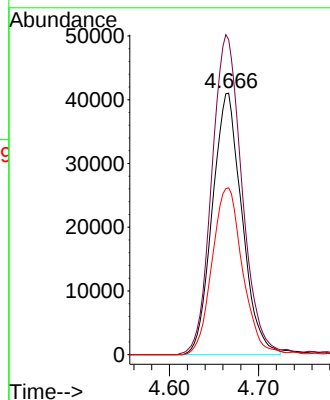
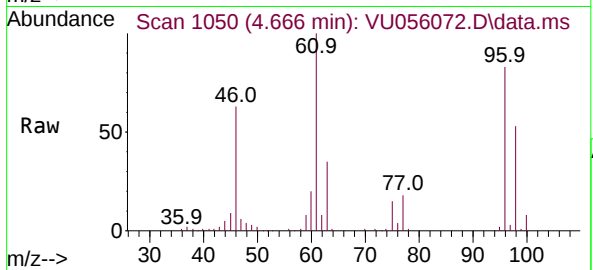




#22
 cis-1,2-Dichloroethene
 Concen: 4.847 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VU056072.D
 Acq: 02 Nov 2023 17:43

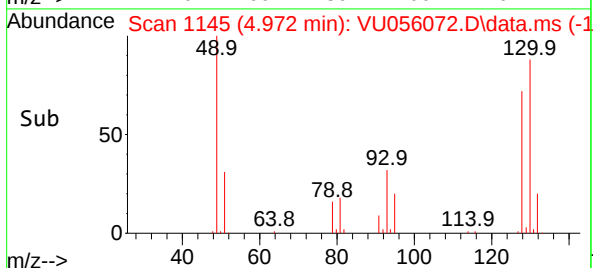
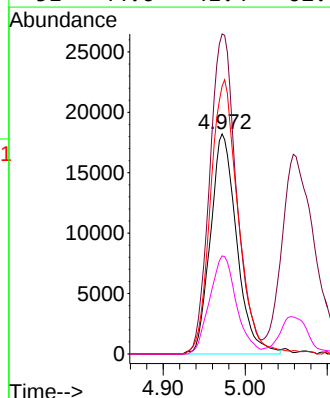
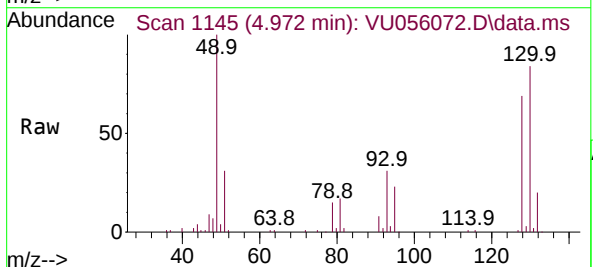
Instrument :
 MSVOA_U
 ClientSampleId :

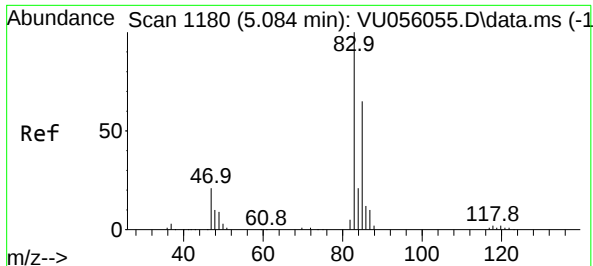
Tgt Ion:	96	Resp:	94704
Ion	Ratio	Lower	Upper
96	100		
61	120.5	93.8	174.2
98	63.9	45.6	84.8



#23
 Bromochloromethane
 Concen: 5.081 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU056072.D
 Acq: 02 Nov 2023 17:43

Tgt Ion:	128	Resp:	40448
Ion	Ratio	Lower	Upper
128	100		
49	145.4	108.7	201.9
130	121.7	91.5	169.9
51	44.6	41.4	62.0





#25

Chloroform

Concen: 5.118 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

Instrument :

MSVOA_U

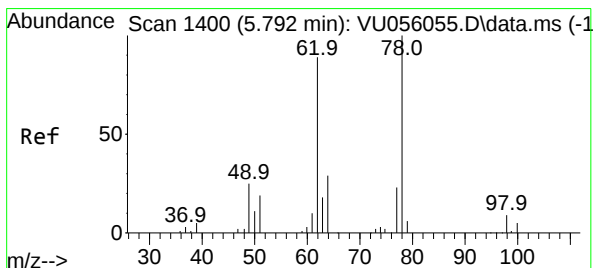
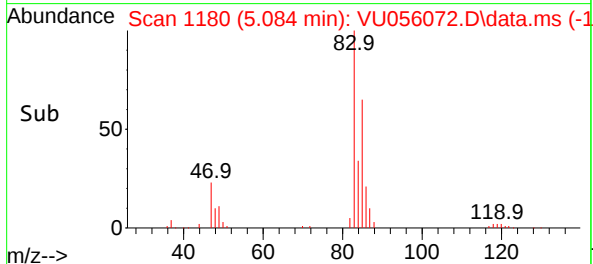
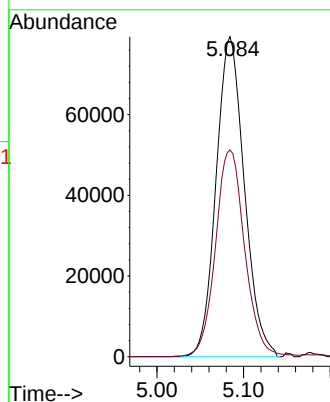
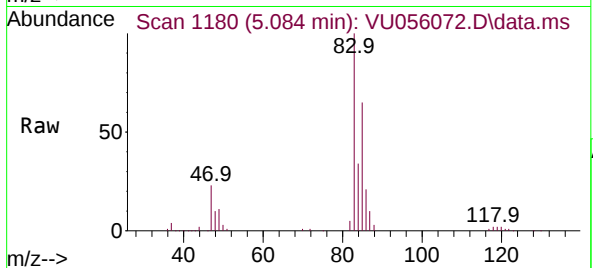
ClientSampleId :

Tgt Ion: 83 Resp: 179845

Ion Ratio Lower Upper

83 100

85 64.6 45.6 84.8



#27

1,2-Dichloroethane

Concen: 4.792 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU056072.D

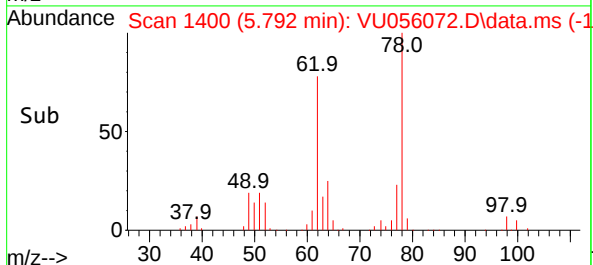
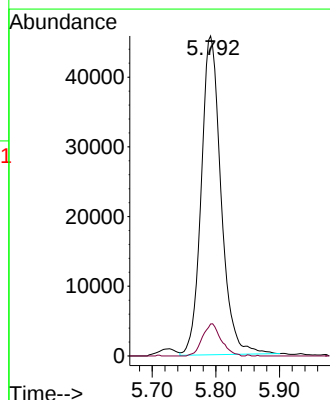
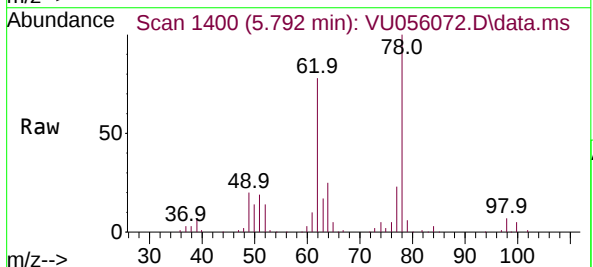
Acq: 02 Nov 2023 17:43

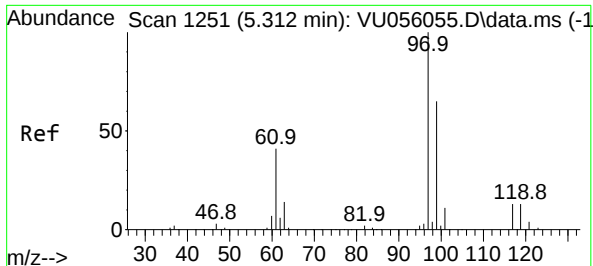
Tgt Ion: 62 Resp: 98918

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.031 ug/L

RT: 5.313 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

Instrument :

MSVOA_U

ClientSampleId :

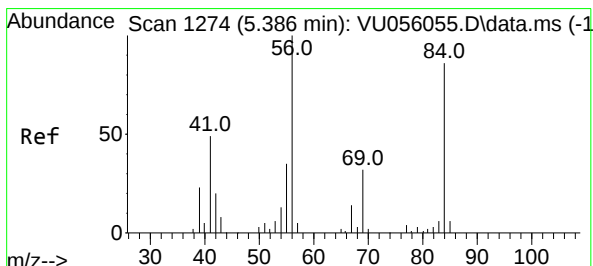
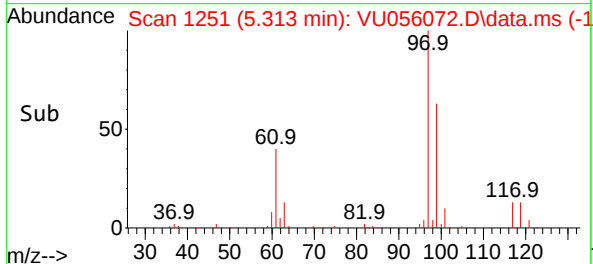
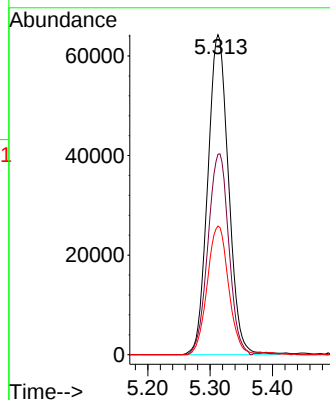
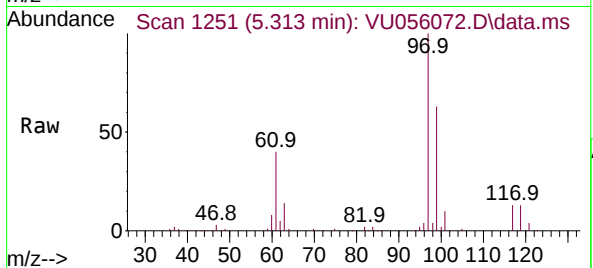
Tgt Ion: 97 Resp: 148895

Ion Ratio Lower Upper

97 100

99 62.9 50.8 76.2

61 41.2 35.0 52.4



#30

Cyclohexane

Concen: 4.596 ug/L

RT: 5.387 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

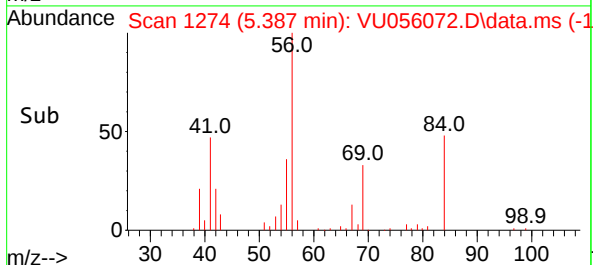
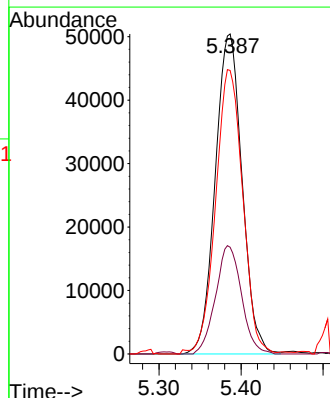
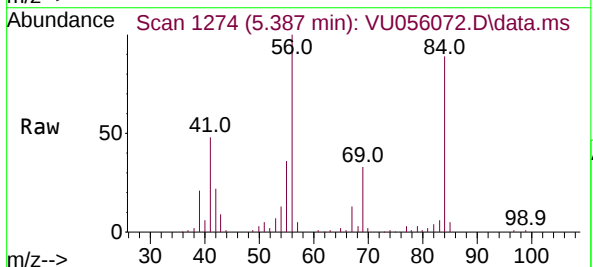
Tgt Ion: 56 Resp: 114751

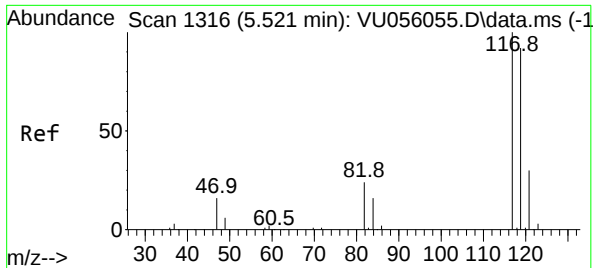
Ion Ratio Lower Upper

56 100

69 32.7 25.4 38.2

84 89.7 71.0 106.6

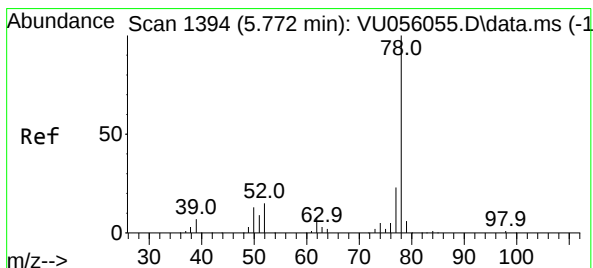
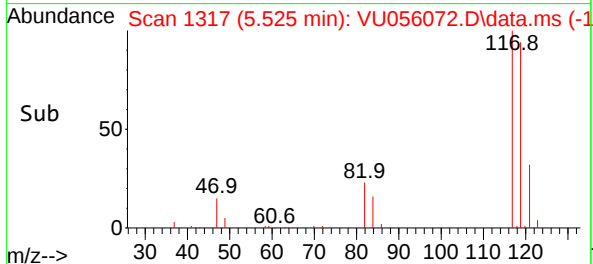
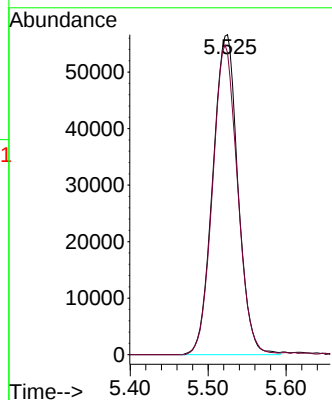
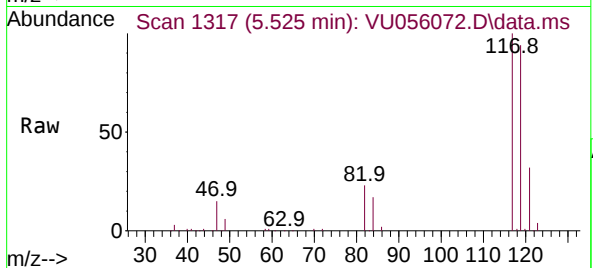




#31
Carbon tetrachloride
Concen: 5.034 ug/L
RT: 5.525 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

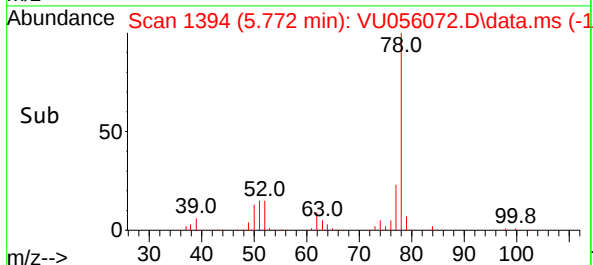
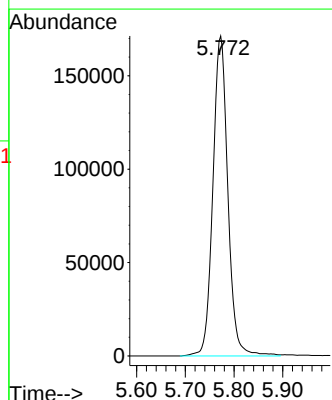
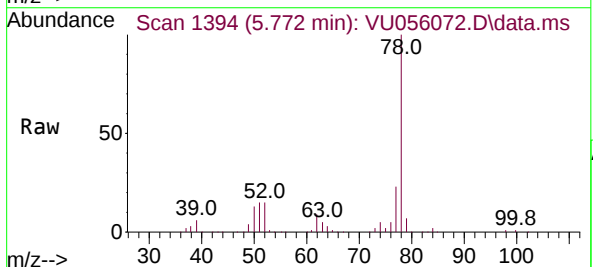
Instrument :
MSVOA_U
ClientSampleId :

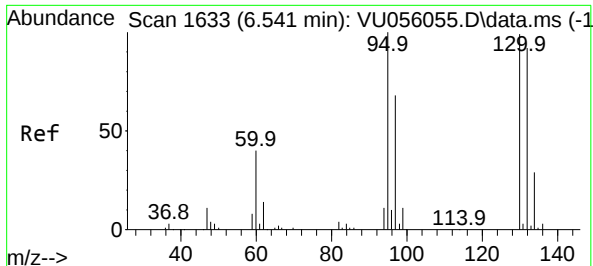
Tgt Ion:117 Resp: 127061
Ion Ratio Lower Upper
117 100
119 95.8 75.1 112.7



#33
Benzene
Concen: 5.111 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

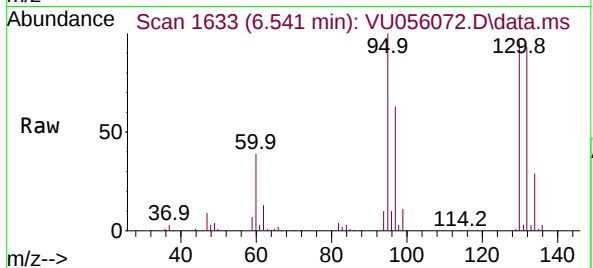
Tgt Ion: 78 Resp: 366219



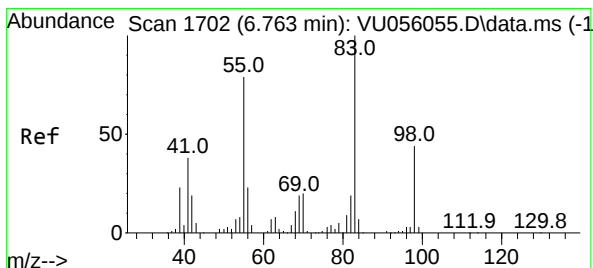
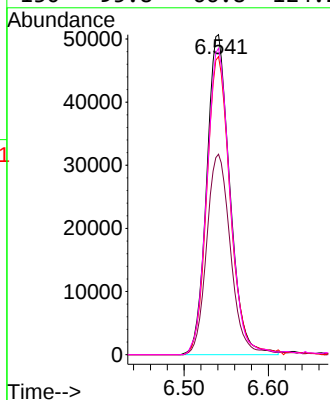
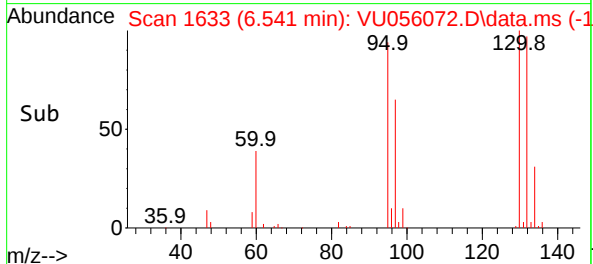


#34
Trichloroethene
Concen: 4.836 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

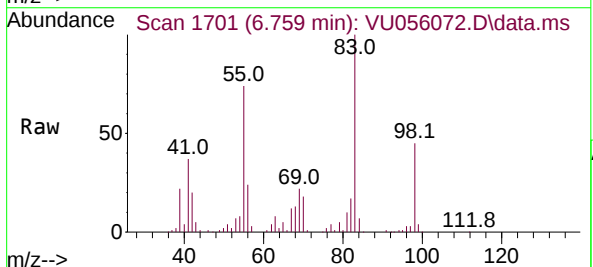
Instrument :
MSVOA_U
ClientSampleId :



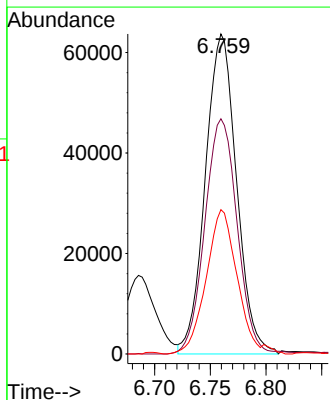
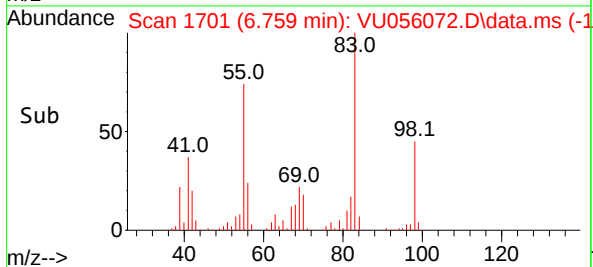
Tgt Ion: 95 Resp: 96921
Ion Ratio Lower Upper
95 100
97 62.7 45.4 84.2
132 93.2 63.9 118.7
130 95.8 66.8 124.2

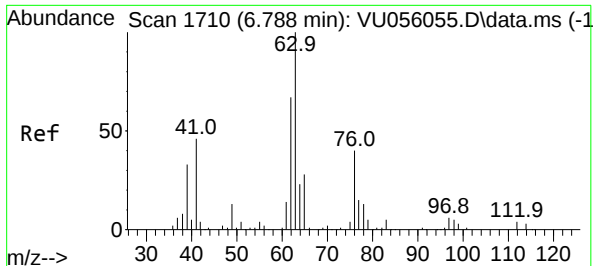


#35
Methylcyclohexane
Concen: 4.592 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43



Tgt Ion: 83 Resp: 124213
Ion Ratio Lower Upper
83 100
55 76.3 62.4 93.6
98 45.0 37.4 56.2

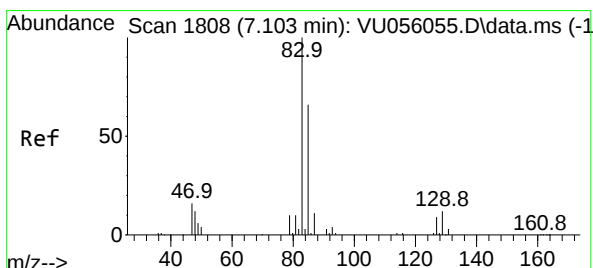
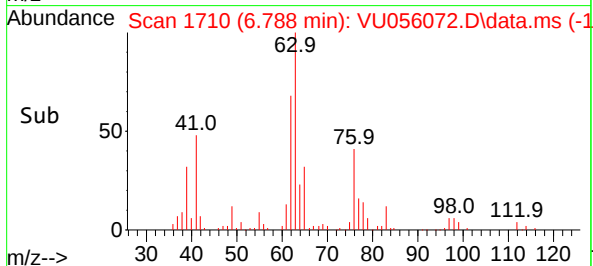
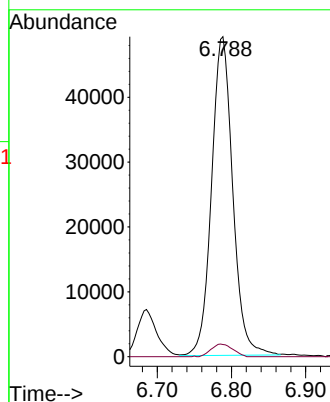
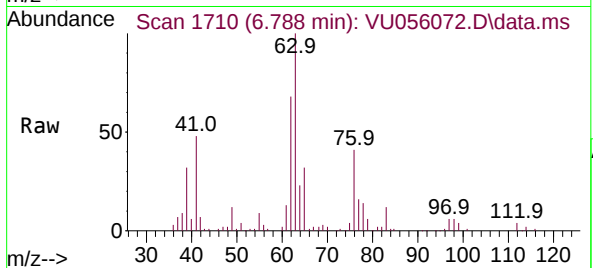




#37
1,2-Dichloropropane
Concen: 5.119 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

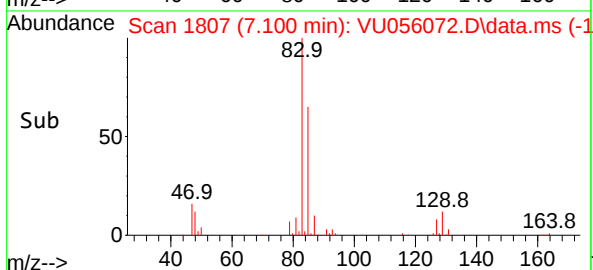
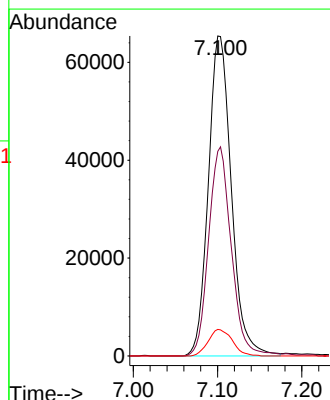
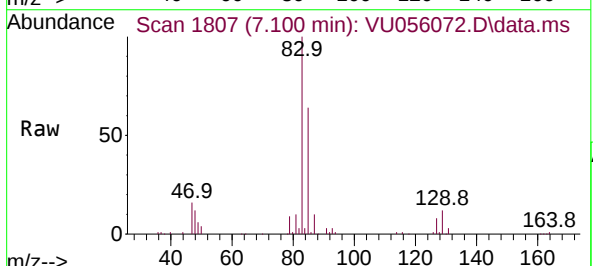
Instrument :
MSVOA_U
ClientSampleId :

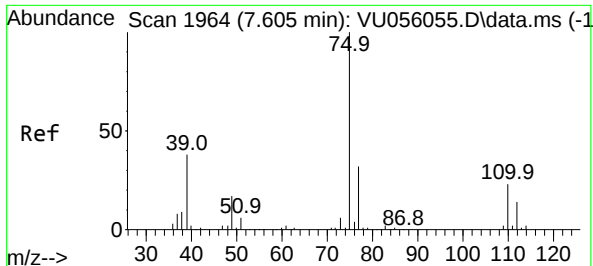
Tgt Ion: 63 Resp: 97386
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7



#38
Bromodichloromethane
Concen: 5.200 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Tgt Ion: 83 Resp: 124208
Ion Ratio Lower Upper
83 100
85 63.9 44.9 83.3
127 8.3 6.6 9.8

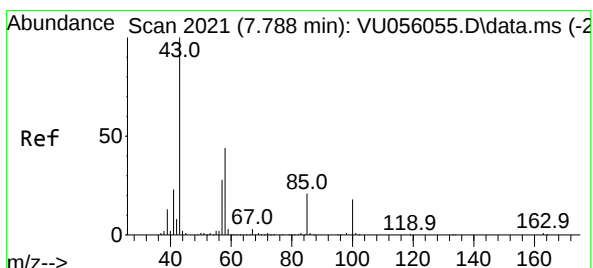
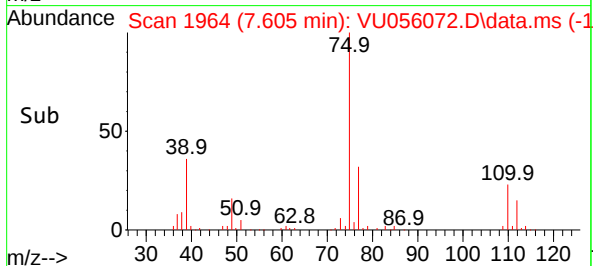
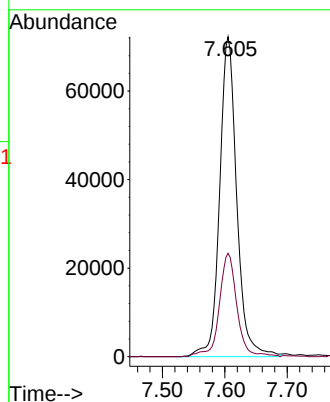
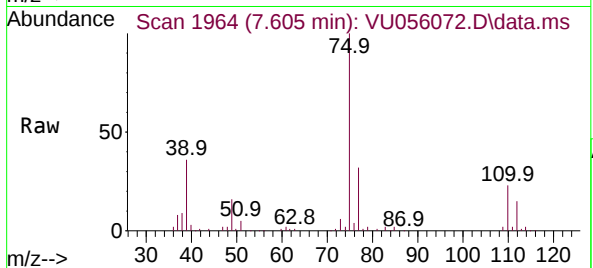




#39
 cis-1,3-Dichloropropene
 Concen: 5.076 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU056072.D
 Acq: 02 Nov 2023 17:43

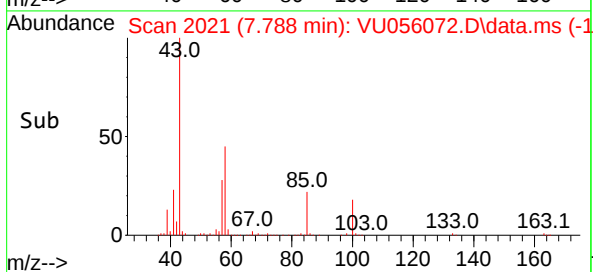
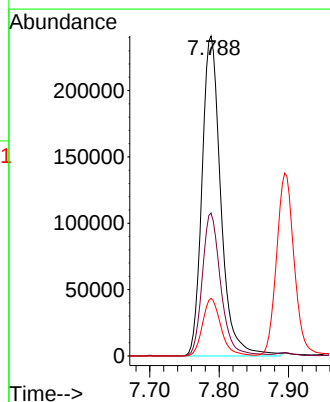
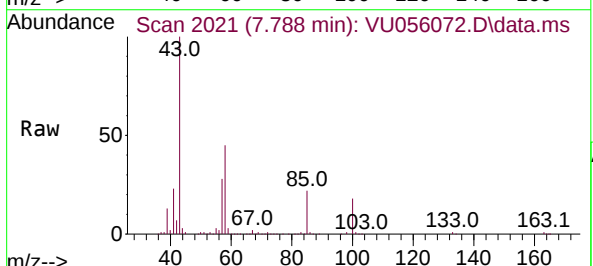
Instrument :
 MSVOA_U
 ClientSampleId :

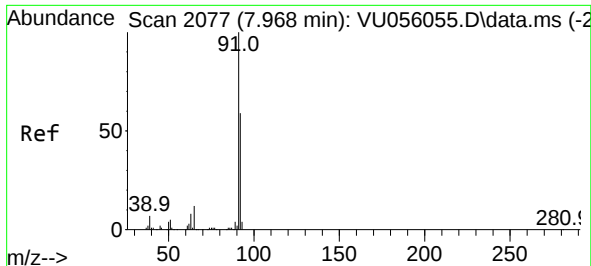
Tgt Ion: 75 Resp: 137571
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 49.580 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: VU056072.D
 Acq: 02 Nov 2023 17:43

Tgt Ion: 43 Resp: 454710
 Ion Ratio Lower Upper
 43 100
 58 44.0 34.0 51.0
 100 17.6 13.0 19.6





#42

Toluene

Concen: 5.139 ug/L

RT: 7.965 min Scan# 2077

Delta R.T. -0.003 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

Instrument :

MSVOA_U

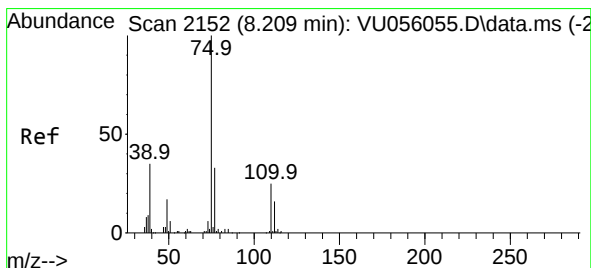
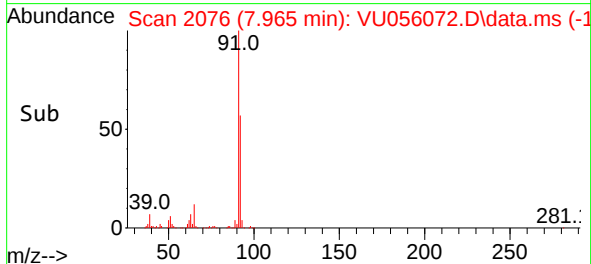
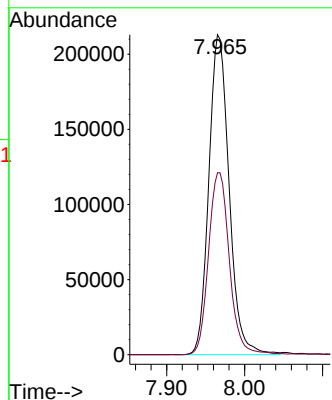
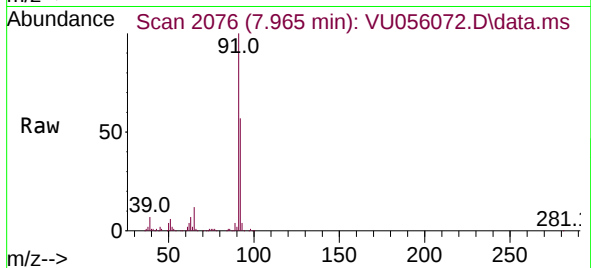
ClientSampleId :

Tgt Ion: 91 Resp: 384794

Ion Ratio Lower Upper

91 100

92 56.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.138 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.003 min

Lab File: VU056072.D

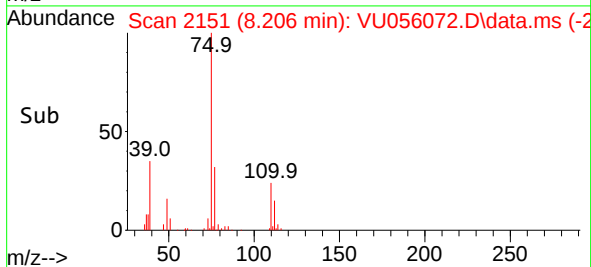
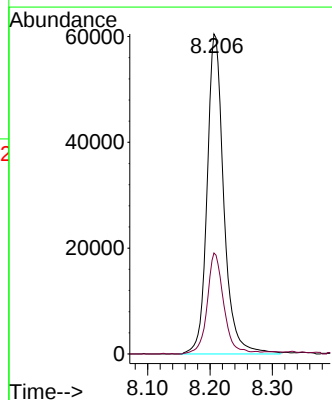
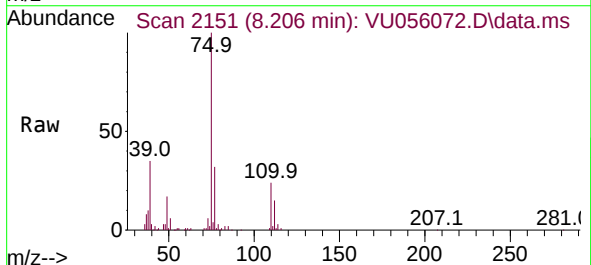
Acq: 02 Nov 2023 17:43

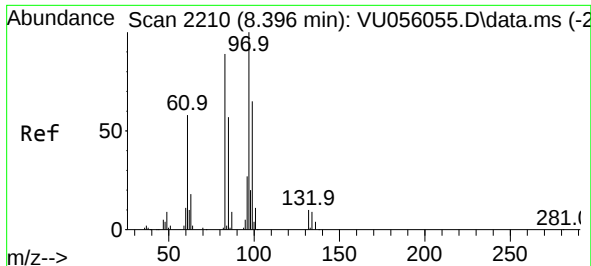
Tgt Ion: 75 Resp: 112408

Ion Ratio Lower Upper

75 100

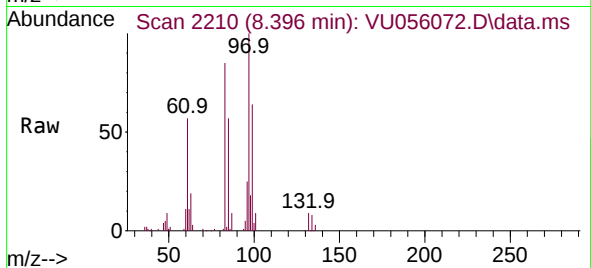
77 31.5 21.7 40.3



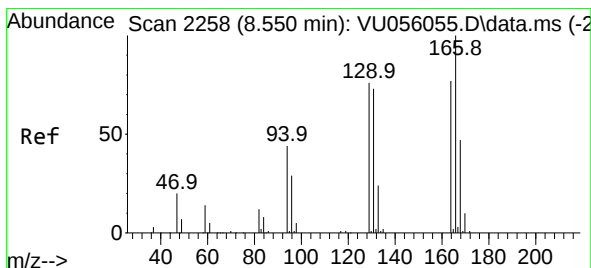
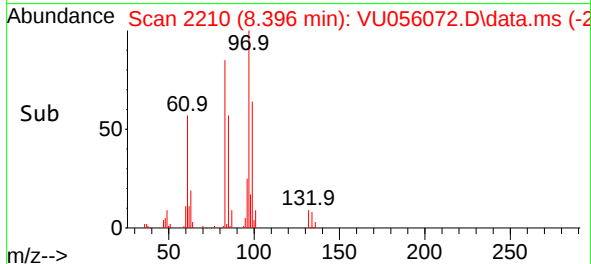
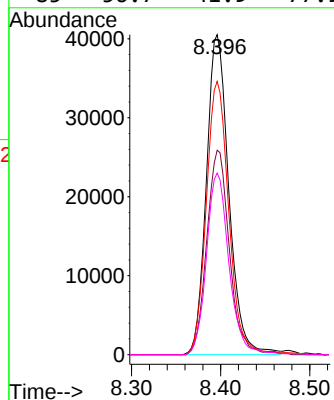


#45
1,1,2-Trichloroethane
Concen: 5.316 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Instrument :
MSVOA_U
ClientSampleId :

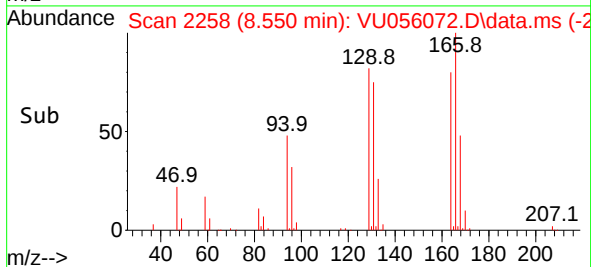
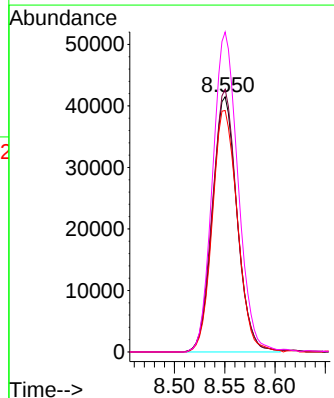
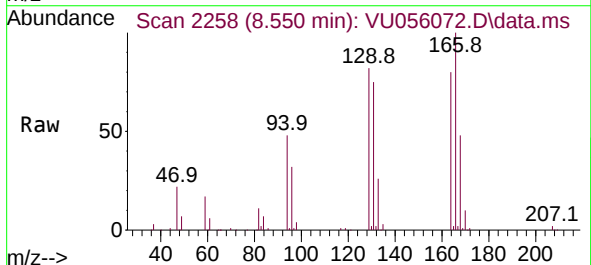


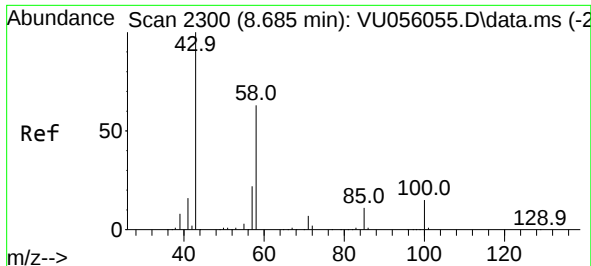
Tgt Ion: 97	Resp: 71110
Ion Ratio	Lower Upper
97 100	
99 63.9	45.3 84.1
83 85.4	61.9 115.1
85 56.7	41.9 77.9



#47
Tetrachloroethene
Concen: 5.046 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

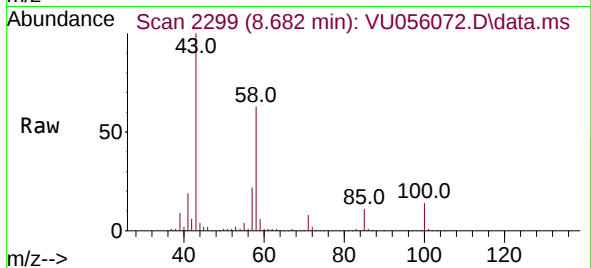
Tgt	Ion:164	Resp:	70835
Ion	Ratio	Lower	Upper
164	100		
129	102.9	72.2	134.0
131	94.6	70.8	131.6
166	125.4	89.0	165.2



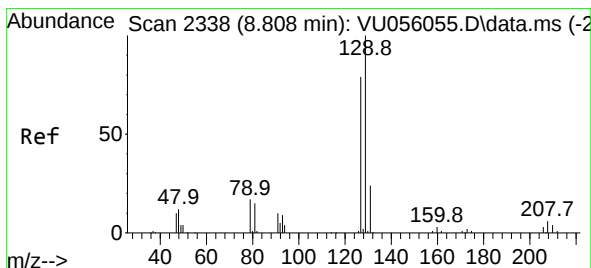
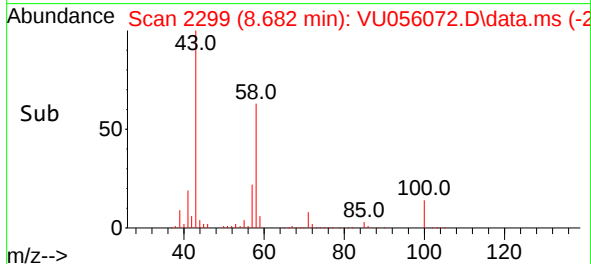
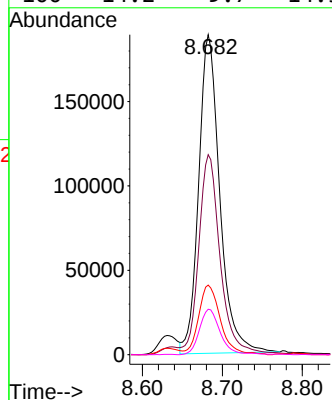


#48
2-Hexanone
Concen: 48.185 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Instrument :
MSVOA_U
ClientSampleId :

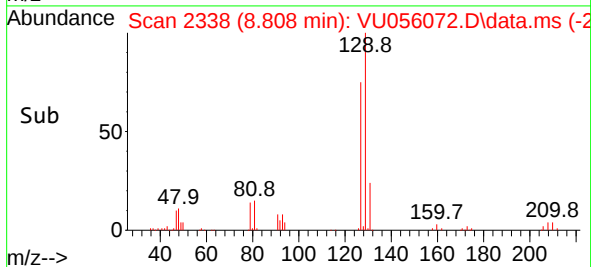
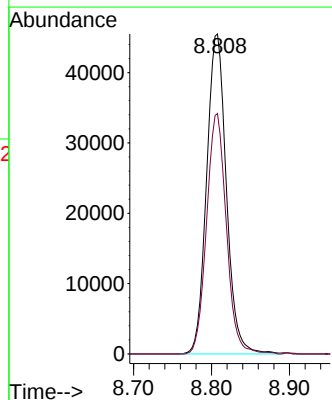
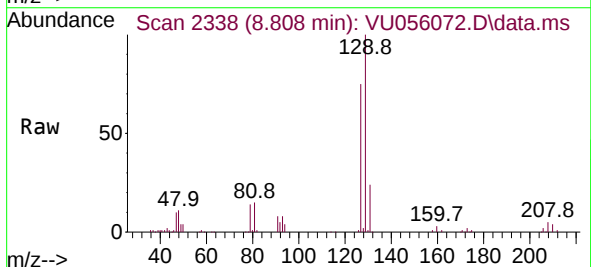


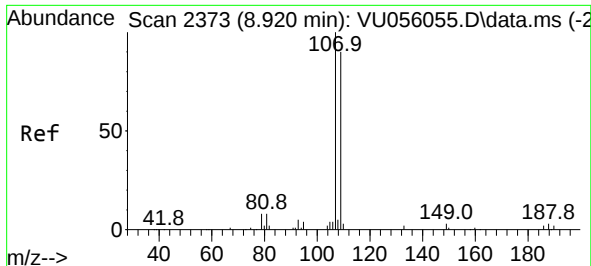
Tgt Ion: 43 Resp: 347470
Ion Ratio Lower Upper
43 100
58 62.9 49.5 74.3
57 22.6 16.9 25.3
100 14.2 9.7 14.5



#49
Dibromochloromethane
Concen: 5.457 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Tgt Ion:129 Resp: 80134
Ion Ratio Lower Upper
129 100
127 75.2 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.096 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

Instrument :

MSVOA_U

ClientSampleId :

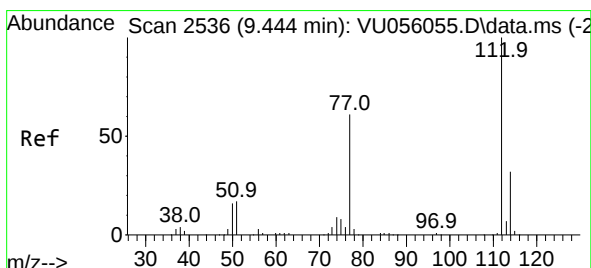
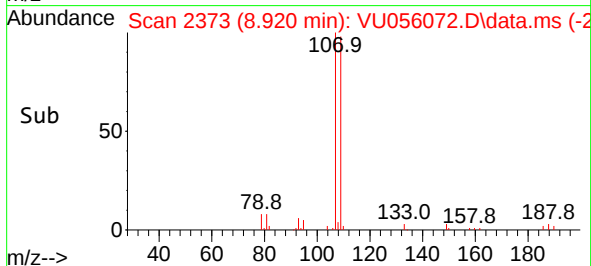
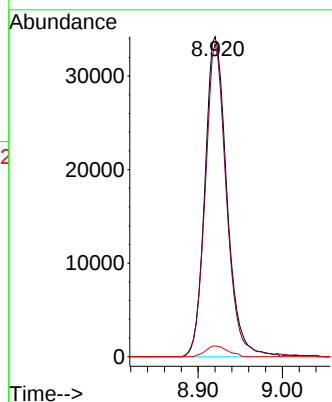
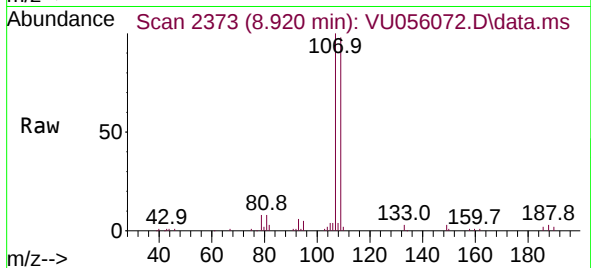
Tgt Ion:107 Resp: 61859

Ion Ratio Lower Upper

107 100

109 97.8 65.0 120.6

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 5.151 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

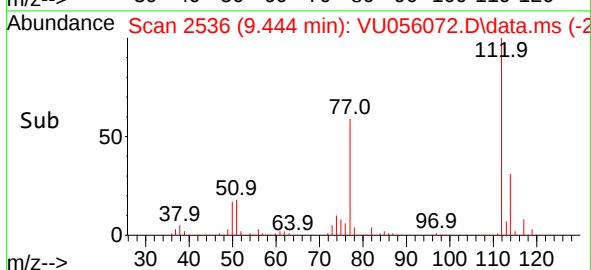
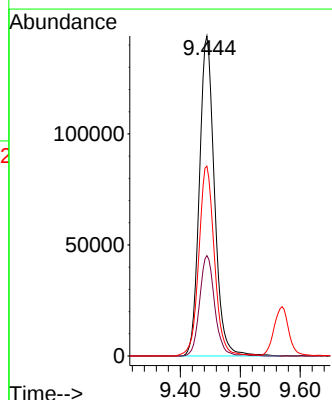
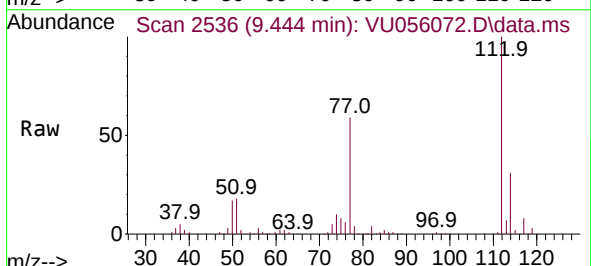
Tgt Ion:112 Resp: 252778

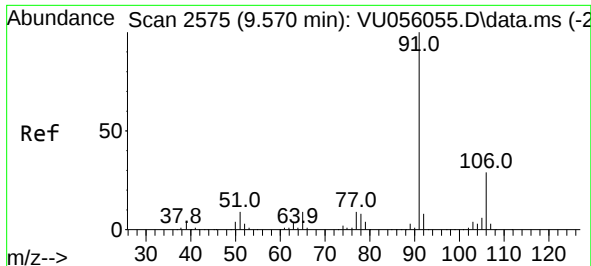
Ion Ratio Lower Upper

112 100

114 31.4 22.3 41.5

77 59.3 49.9 74.9

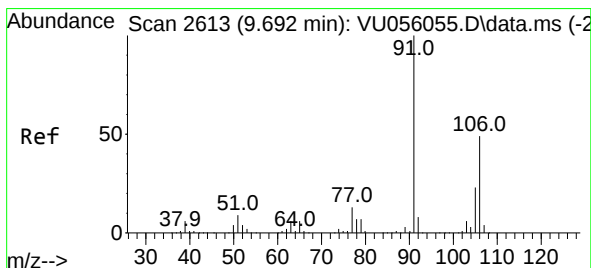
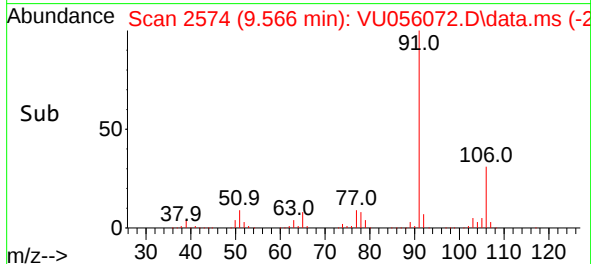
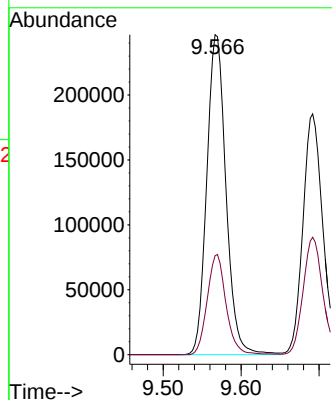
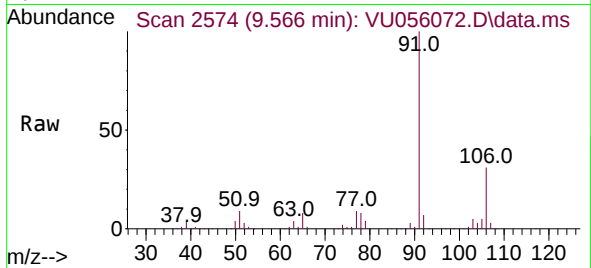




#52
Ethylbenzene
Concen: 4.967 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

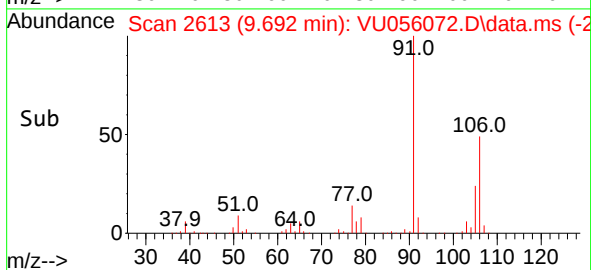
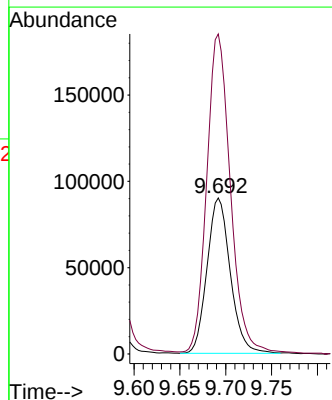
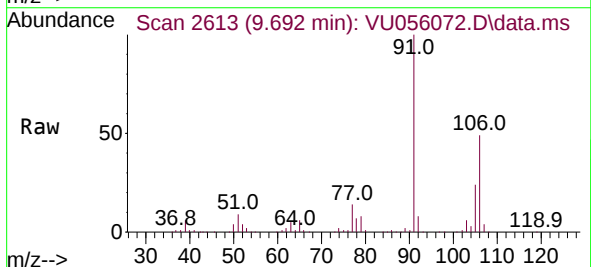
Instrument :
MSVOA_U
ClientSampleId :

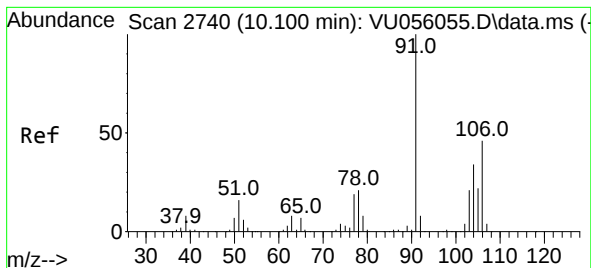
Tgt Ion: 91 Resp: 421619
Ion Ratio Lower Upper
91 100
106 30.9 21.3 39.5



#53
m,p-Xylene
Concen: 5.003 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Tgt Ion: 106 Resp: 158713
Ion Ratio Lower Upper
106 100
91 205.1 150.4 279.2





#54

o-Xylene

Concen: 5.032 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

Instrument :

MSVOA_U

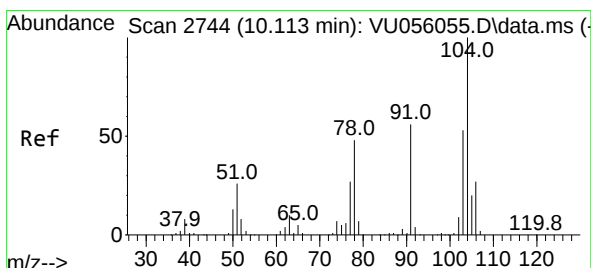
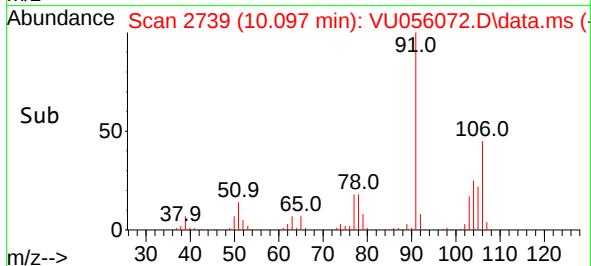
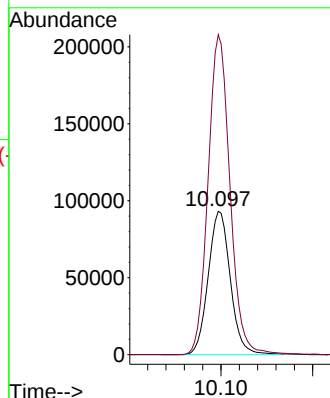
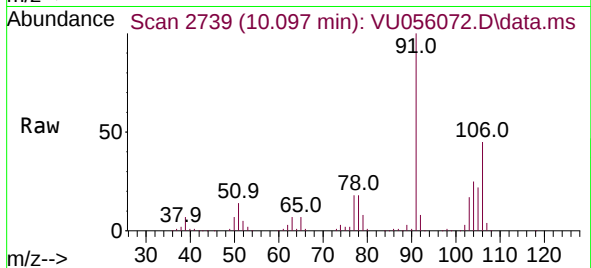
ClientSampleId :

Tgt Ion:106 Resp: 156213

Ion Ratio Lower Upper

106 100

91 223.1 154.6 287.2



#55

Styrene

Concen: 5.320 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU056072.D

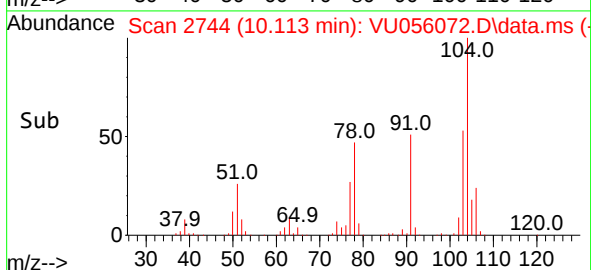
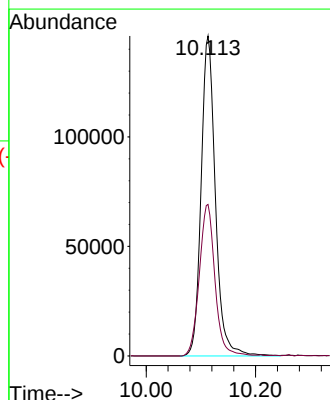
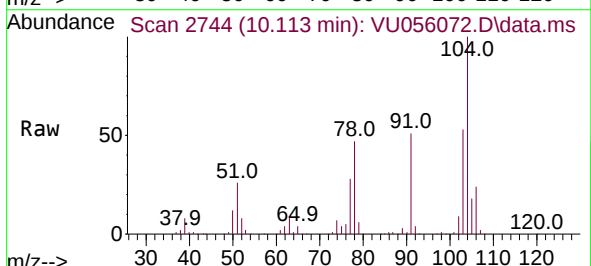
Acq: 02 Nov 2023 17:43

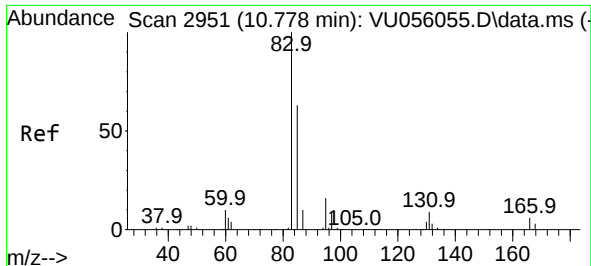
Tgt Ion:104 Resp: 264704

Ion Ratio Lower Upper

104 100

78 47.3 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.413 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU056072.D

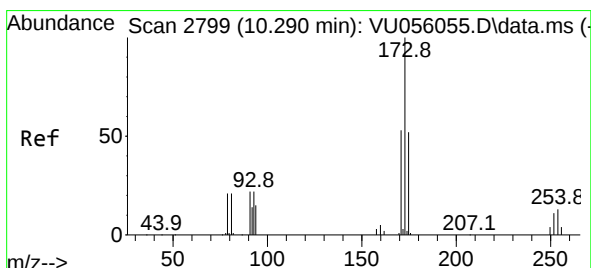
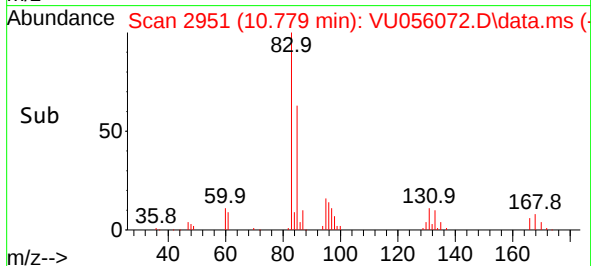
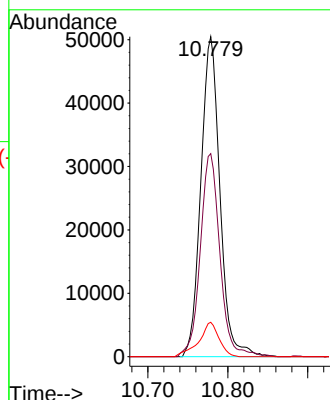
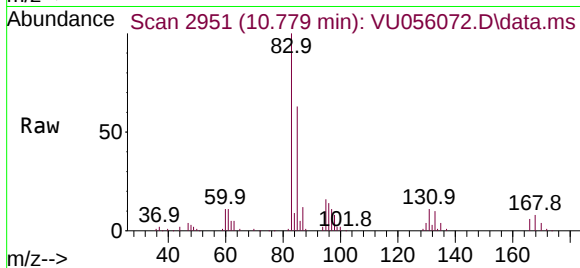
Acq: 02 Nov 2023 17:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	83824
Ion	Ratio	Lower	Upper
83	100		
85	63.4	46.2	85.8
131	10.8	7.2	10.8



#59

Bromoform

Concen: 5.455 ug/L

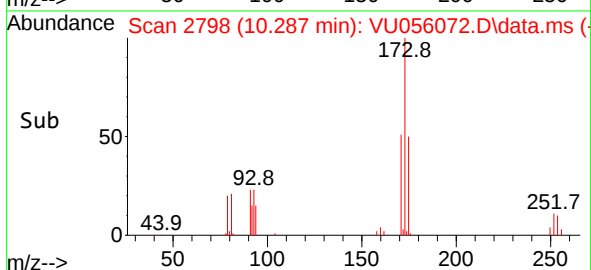
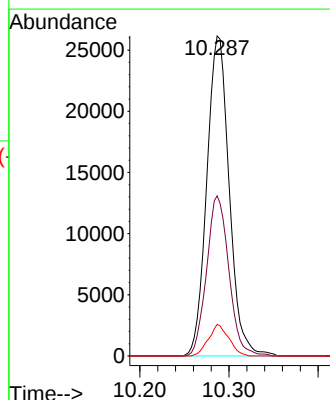
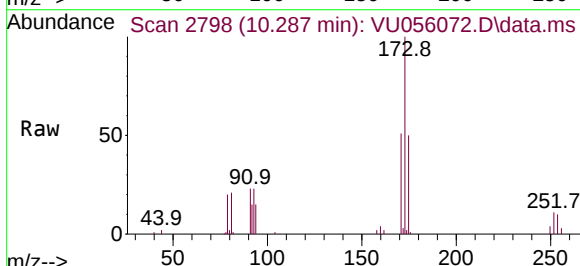
RT: 10.287 min Scan# 2798

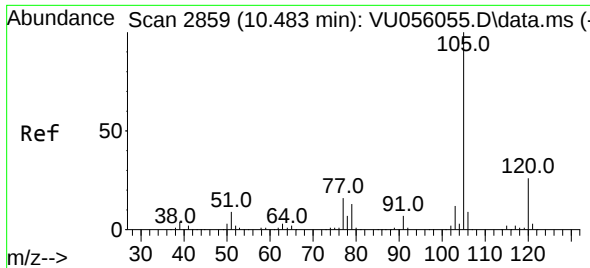
Delta R.T. -0.003 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

Tgt Ion:	173	Resp:	45664
Ion	Ratio	Lower	Upper
173	100		
175	49.7	37.8	56.6
254	8.9	7.4	11.0

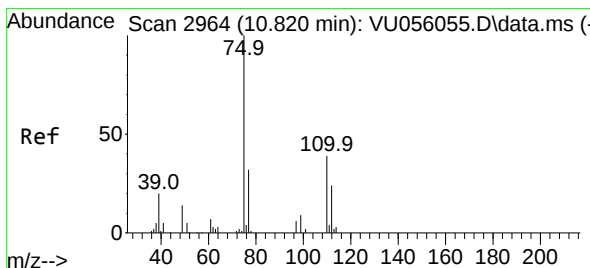
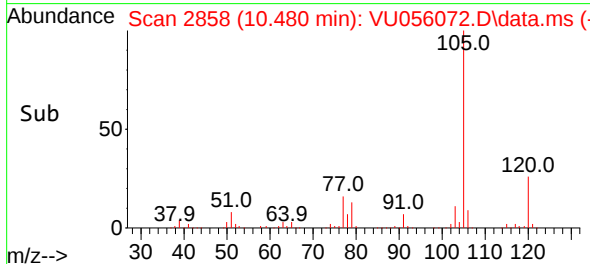
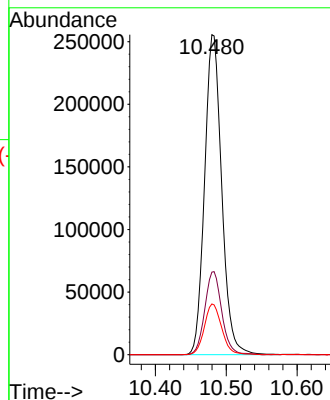
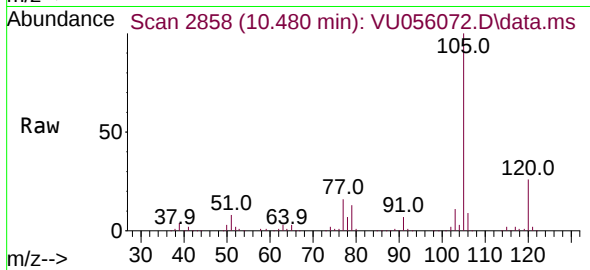




#60
Isopropylbenzene
Concen: 5.222 ug/L
RT: 10.480 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

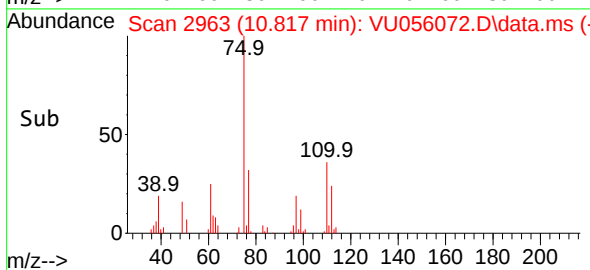
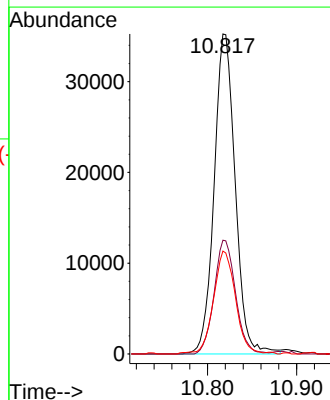
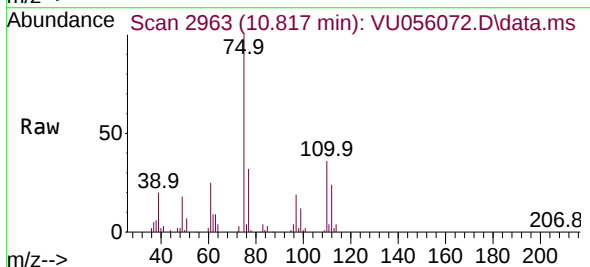
Instrument :
MSVOA_U
ClientSampleId :

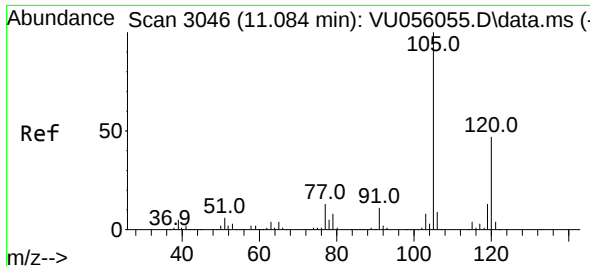
Tgt Ion:105 Resp: 428246
Ion Ratio Lower Upper
105 100
120 25.9 20.2 30.4
77 16.1 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.129 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Tgt Ion: 75 Resp: 57953
Ion Ratio Lower Upper
75 100
110 36.0 29.0 43.6
77 33.4 24.5 36.7

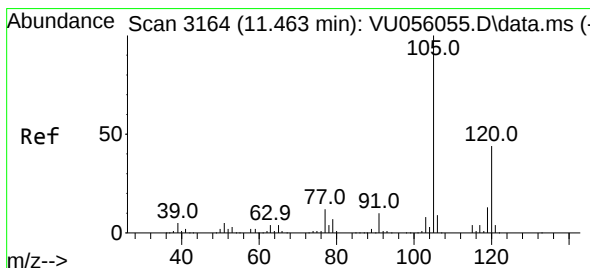
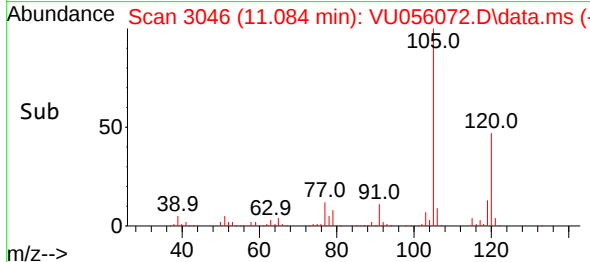
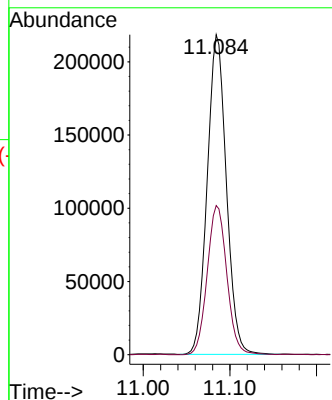
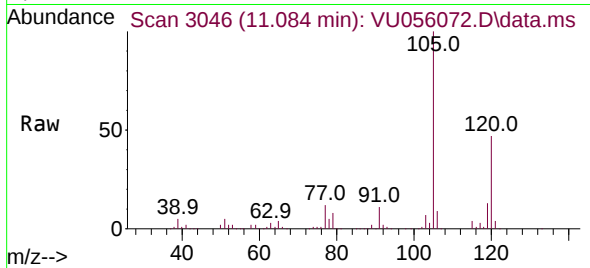




#62
1,3,5-Trimethylbenzene
Concen: 4.999 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

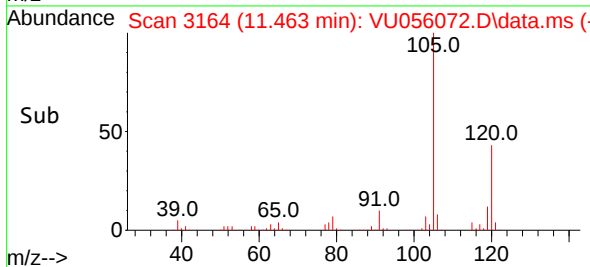
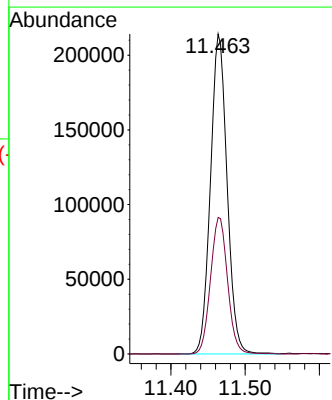
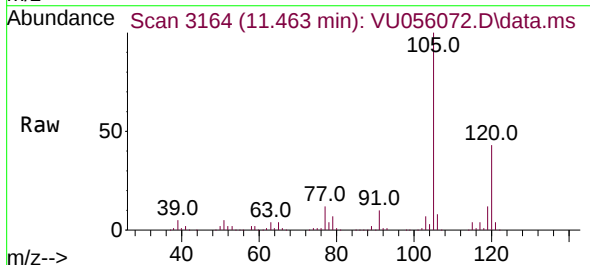
Instrument :
MSVOA_U
ClientSampleId :

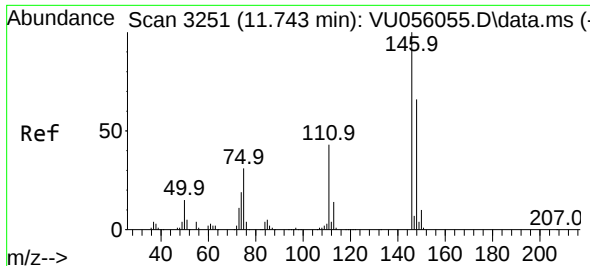
Tgt Ion:105 Resp: 335029
Ion Ratio Lower Upper
105 100
120 47.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 5.335 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Tgt Ion:105 Resp: 332124
Ion Ratio Lower Upper
105 100
120 43.7 34.6 52.0

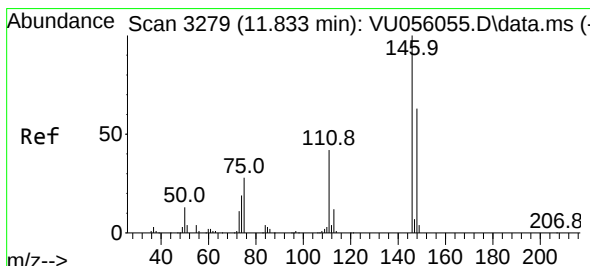
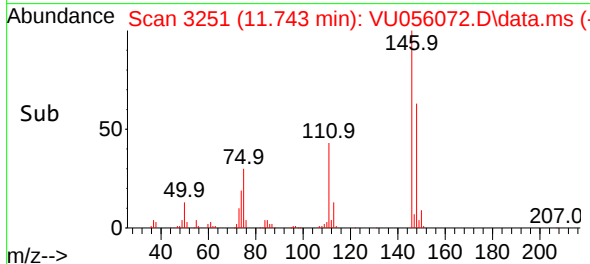
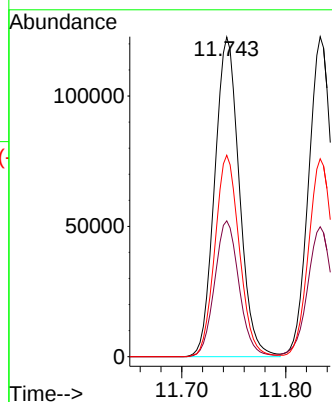
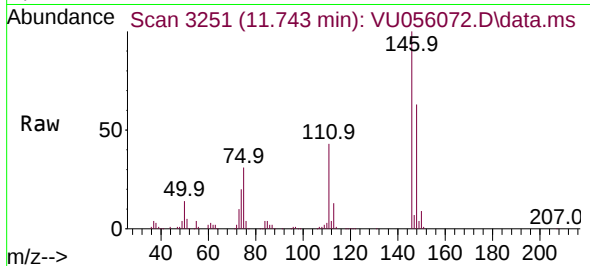




#64
1,3-Dichlorobenzene
Concen: 5.201 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

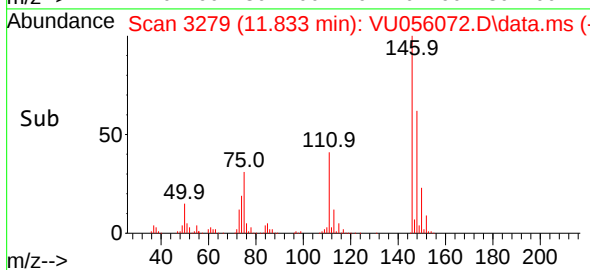
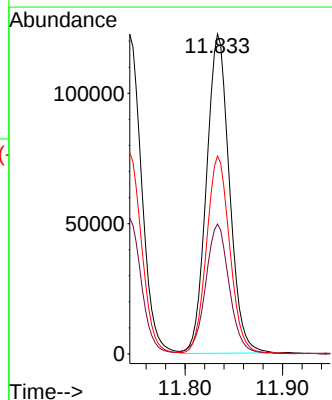
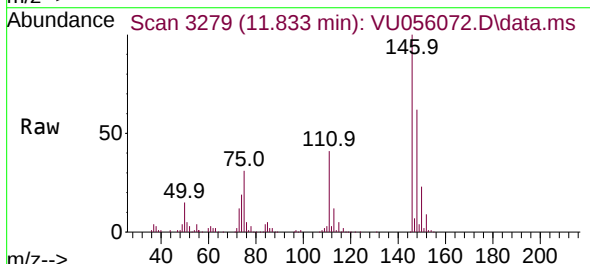
Instrument :
MSVOA_U
ClientSampleId :

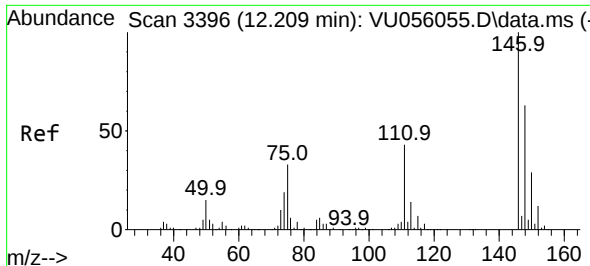
Tgt Ion:146 Resp: 202175
Ion Ratio Lower Upper
146 100
111 42.5 31.1 57.9
148 63.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.158 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Tgt Ion:146 Resp: 200126
Ion Ratio Lower Upper
146 100
111 40.6 29.3 54.3
148 61.8 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.215 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

Instrument :

MSVOA_U

ClientSampleId :

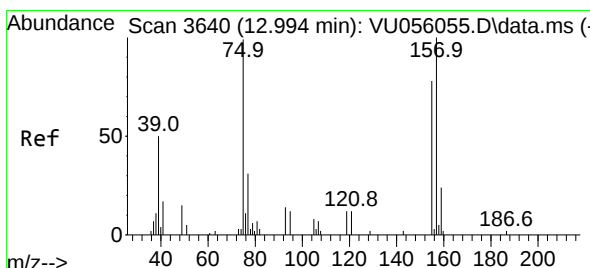
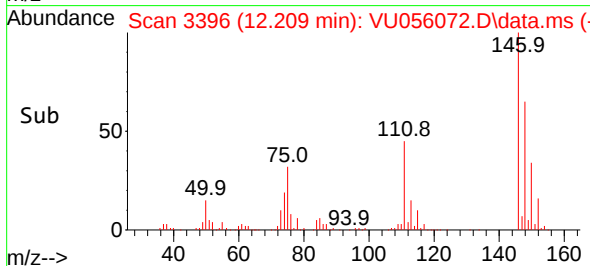
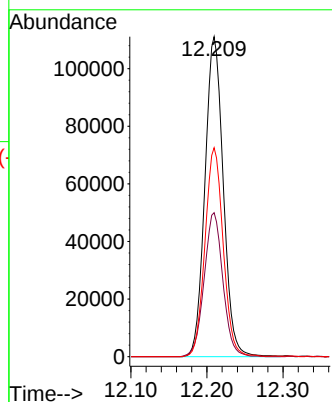
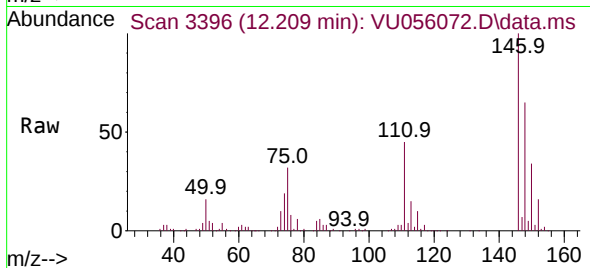
Tgt Ion:146 Resp: 186128

Ion Ratio Lower Upper

146 100

111 45.0 36.7 55.1

148 65.3 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.816 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU056072.D

Acq: 02 Nov 2023 17:43

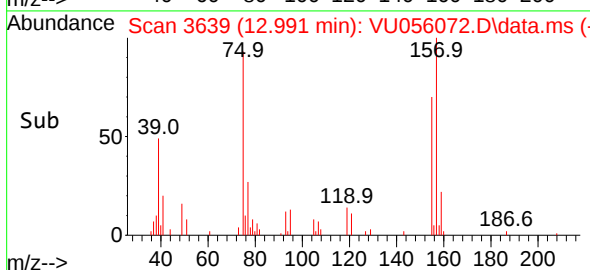
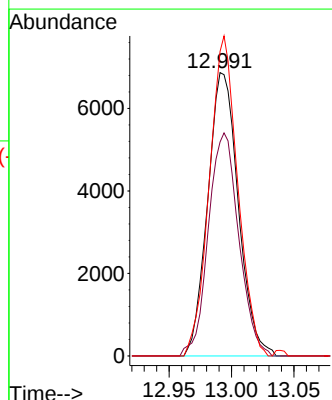
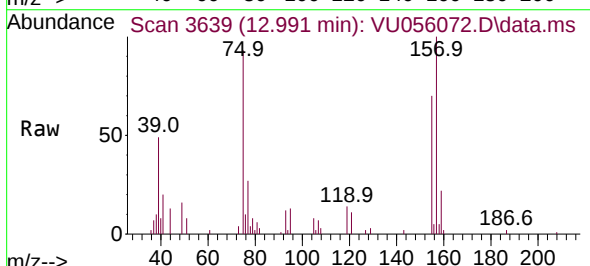
Tgt Ion: 75 Resp: 11725

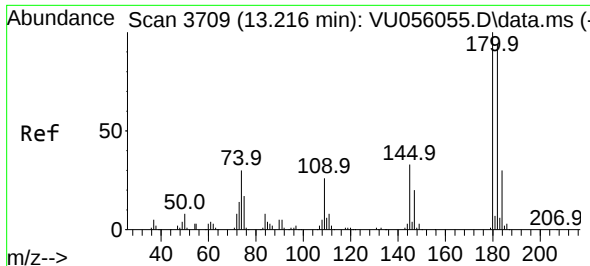
Ion Ratio Lower Upper

75 100

155 75.5 65.3 97.9

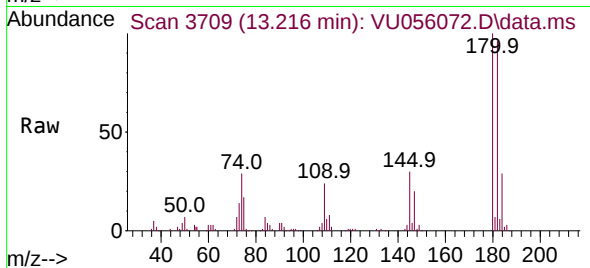
157 107.5 87.9 131.9



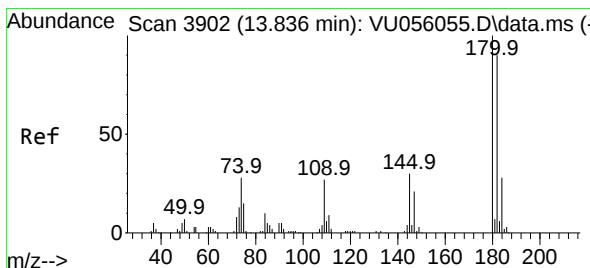
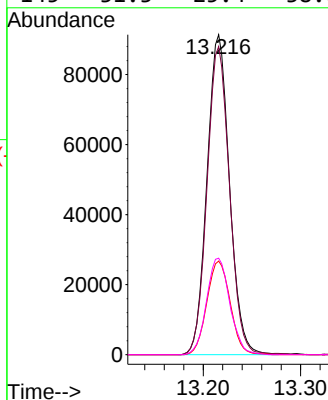
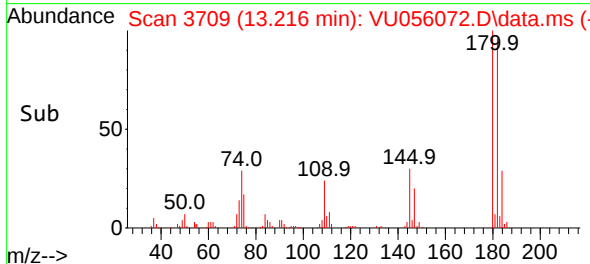


#69
 1,3,5-Trichlorobenzene
 Concen: 5.515 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU056072.D
 Acq: 02 Nov 2023 17:43

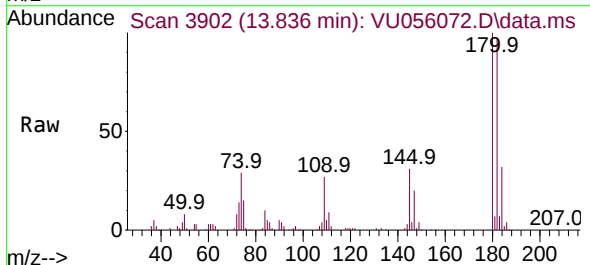
Instrument :
 MSVOA_U
 ClientSampleId :



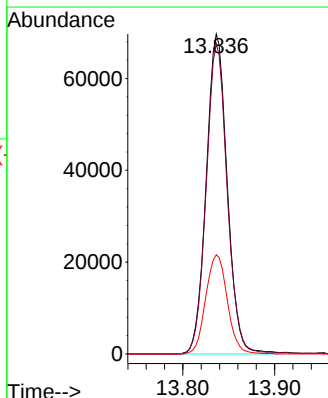
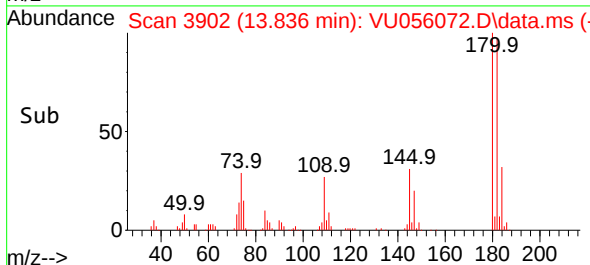
Tgt Ion:180 Resp: 146495
 Ion Ratio Lower Upper
 180 100
 182 95.8 74.7 112.1
 184 30.3 23.8 35.8
 145 31.3 25.4 38.0

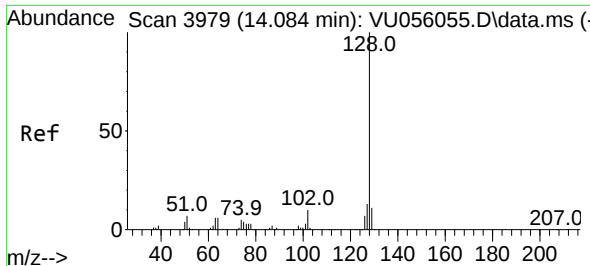


#70
 1,2,4-trichlorobenzene
 Concen: 5.659 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU056072.D
 Acq: 02 Nov 2023 17:43



Tgt Ion:180 Resp: 111109
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.1 114.1
 145 31.8 26.4 39.6

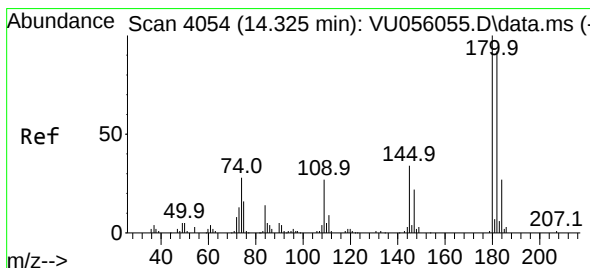
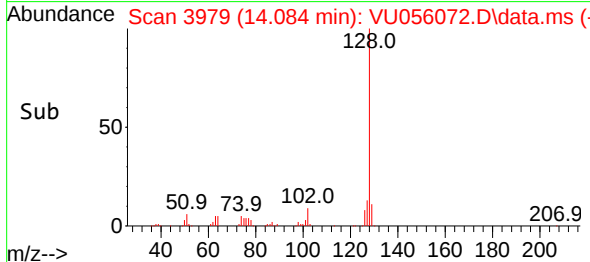
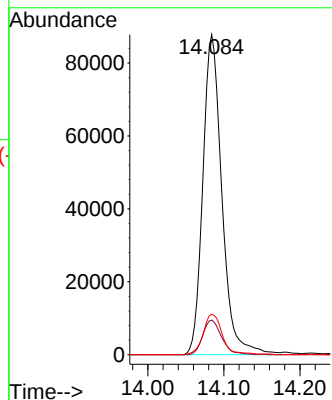
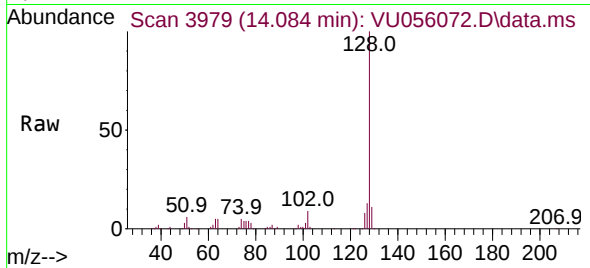




#71
Naphthalene
Concen: 5.376 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 152856
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 12.6 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.437 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056072.D
Acq: 02 Nov 2023 17:43

Tgt Ion:180 Resp: 92045
Ion Ratio Lower Upper
180 100
182 96.9 74.6 112.0
145 36.0 27.4 41.2

