

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091823\
 Data File : VU055364.D
 Acq On : 18 Sep 2023 10:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 01:02:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 18 19:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	205041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	215954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	118845	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43631	3.702	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.911	69	54877	4.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.563	65	15376	3.607	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.628	46	194965	59.825	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.660%
24) Chloroform-d	5.058	84	122149	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.698	65	64134	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.724	84	180561	3.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.689	67	71995	4.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.898	98	138003	3.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.177	79	27811	5.081	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.631	63	126175	63.363	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	74542	5.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	71157	4.649	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	94835	4.847	ug/L	99
3) Chloromethane	1.515	50	95252	5.059	ug/L	97
5) Vinyl chloride	1.602	62	102023	5.018	ug/L	100
6) Bromomethane	1.856	94	73271	4.725	ug/L	98
8) Chloroethane	1.930	64	78650	4.809	ug/L	99
9) Trichlorofluoromethane	2.136	101	162197	4.986	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	80611	4.969	ug/L	98
12) 1,1-Dichloroethene	2.576	96	69495	4.821	ug/L	94
13) Acetone	2.641	43	107863	51.324	ug/L	98
14) Carbon disulfide	2.792	76	232389	5.099	ug/L	99
15) Methyl Acetate	2.956	43	25994	5.240	ug/L	98
16) Methylene chloride	3.042	84	92475	4.305	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	174230	5.041	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	78794	4.971	ug/L	97
19) 1,1-Dichloroethane	3.866	63	155614	5.047	ug/L	100
21) 2-Butanone	4.711	43	181157	52.067	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	89396	4.815	ug/L	96
23) Bromochloromethane	4.972	128	37809	5.011	ug/L	90
25) Chloroform	5.084	83	163540	4.898	ug/L	99

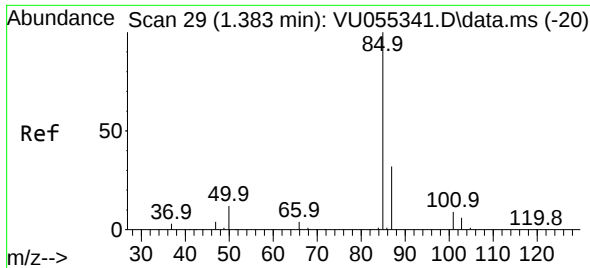
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	104684	5.057	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	139333	5.077	ug/L	99
30) Cyclohexane	5.386	56	131613	5.080	ug/L	99
31) Carbon tetrachloride	5.521	117	118137	5.061	ug/L	99
33) Benzene	5.772	78	366740	5.131	ug/L	100
34) Trichloroethene	6.541	95	100099	4.920	ug/L	97
35) Methylcyclohexane	6.763	83	148604	5.025	ug/L	99
37) 1,2-Dichloropropane	6.788	63	98174	5.230	ug/L	100
38) Bromodichloromethane	7.103	83	116444	5.199	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	136641	5.356	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	480892	53.990	ug/L	99
42) Toluene	7.968	91	397590	5.076	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	109027	5.451	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	66996	5.149	ug/L	98
47) Tetrachloroethene	8.553	164	69871	5.011	ug/L	96
48) 2-Hexanone	8.682	43	370944	55.258	ug/L	100
49) Dibromochloromethane	8.807	129	72336	5.433	ug/L	100
50) 1,2-Dibromoethane	8.920	107	62154	5.122	ug/L #	97
51) Chlorobenzene	9.444	112	249171	4.931	ug/L	97
52) Ethylbenzene	9.570	91	428868	4.986	ug/L	98
53) m,p-Xylene	9.692	106	167524	5.149	ug/L	99
54) o-Xylene	10.097	106	159448	5.166	ug/L	97
55) Styrene	10.113	104	270032	5.238	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	79178	5.533	ug/L	100
59) Bromoform	10.290	173	38283	5.533	ug/L	99
60) Isopropylbenzene	10.483	105	423717	4.883	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	58311	5.066	ug/L	96
62) 1,3,5-Trimethylbenzene	11.087	105	328901	4.931	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	342797	5.062	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	196499	4.915	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	194641	4.982	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	178459	4.980	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	11220	5.701	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	132028	4.848	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	99923	4.781	ug/L	100
71) Naphthalene	14.084	128	148344	4.936	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	85997	4.753	ug/L	97

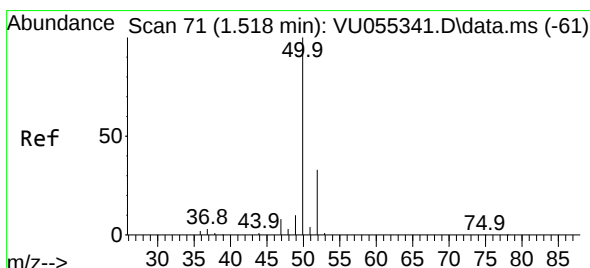
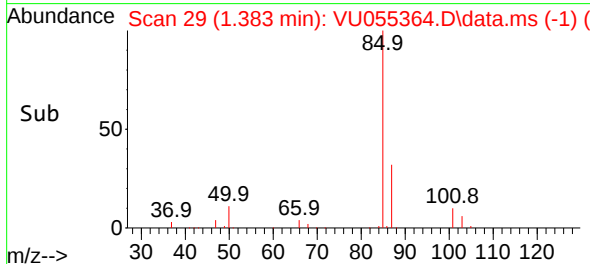
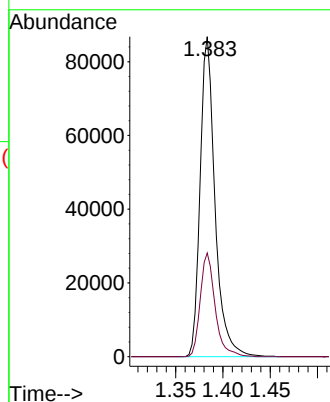
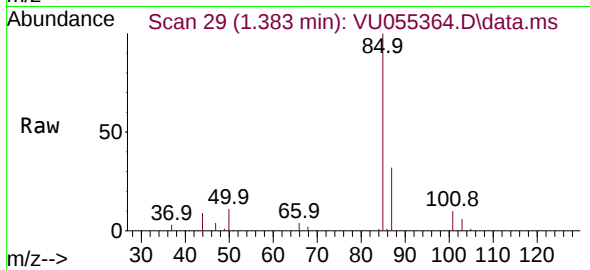
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.847 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055364.D
 Acq: 18 Sep 2023 10:03

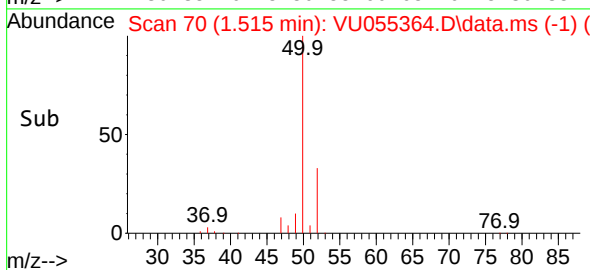
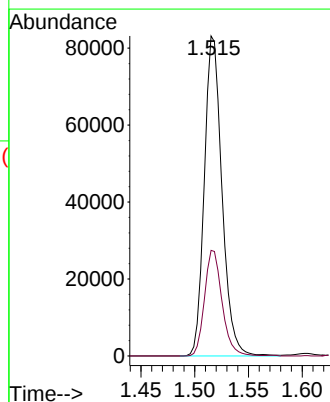
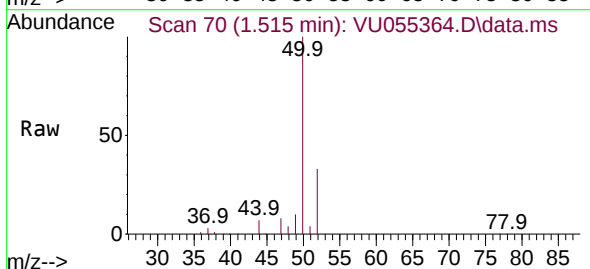
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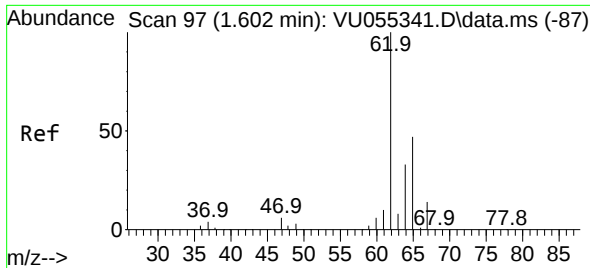
Tgt Ion: 85 Resp: 94835
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.3 37.9



#3
 Chloromethane
 Concen: 5.059 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055364.D
 Acq: 18 Sep 2023 10:03

Tgt Ion: 50 Resp: 95252
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.0 40.8

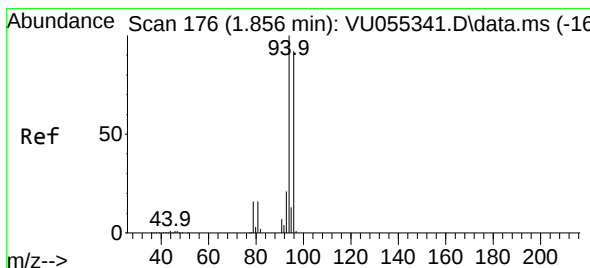
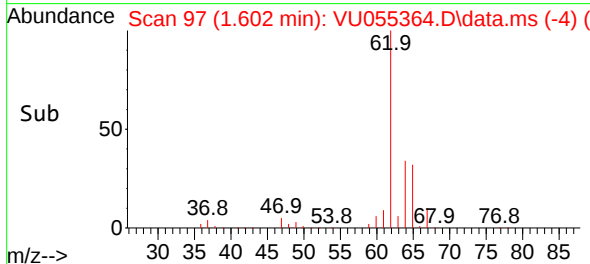
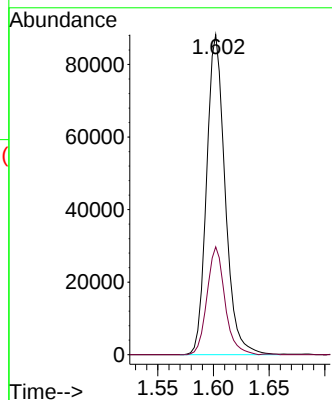
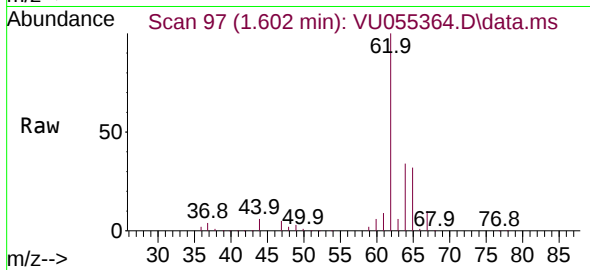




#5
 Vinyl chloride
 Concen: 5.018 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055364.D
 Acq: 18 Sep 2023 10:03

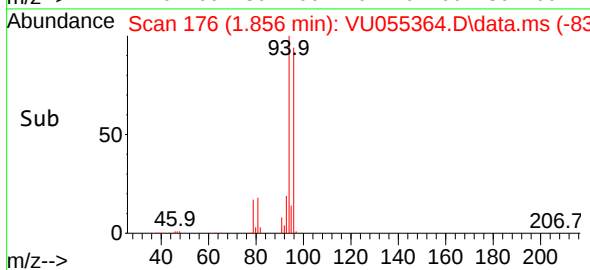
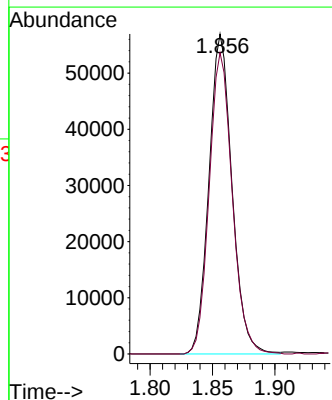
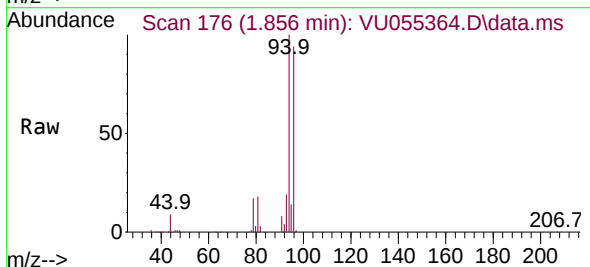
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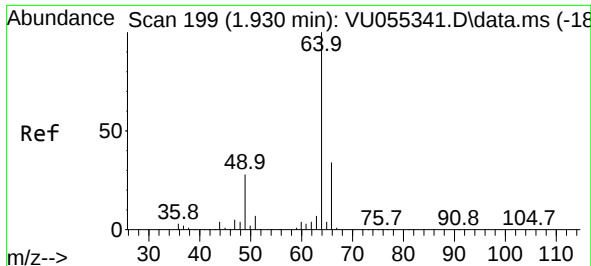
Tgt Ion: 62 Resp: 102023
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.6



#6
 Bromomethane
 Concen: 4.725 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU055364.D
 Acq: 18 Sep 2023 10:03

Tgt Ion: 94 Resp: 73271
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.9 124.3

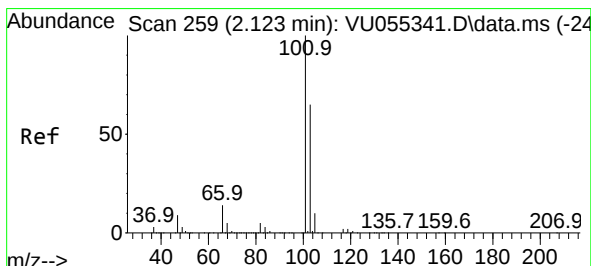
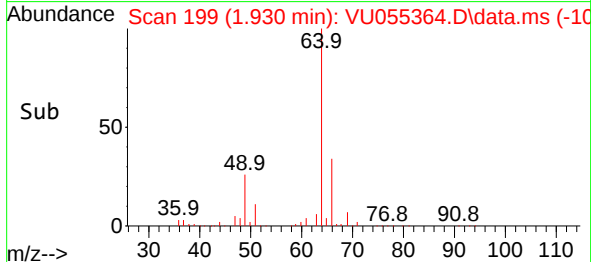
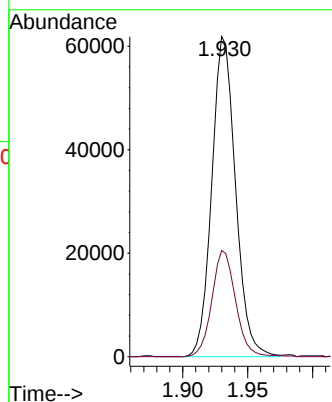
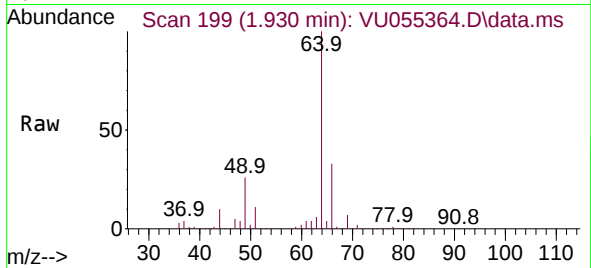




#8
Chloroethane
Concen: 4.809 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

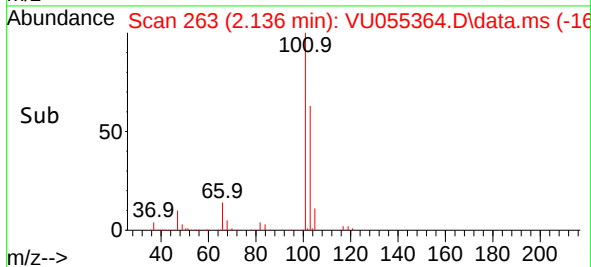
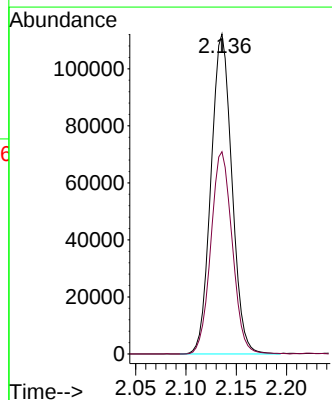
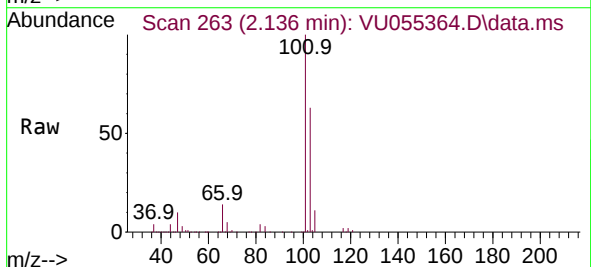
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ClientSampleId :

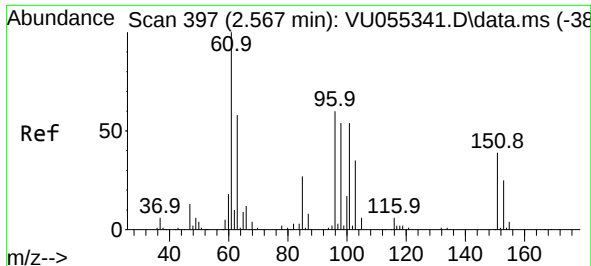
Tgt Ion: 64 Resp: 78650
Ion Ratio Lower Upper
64 100
66 33.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.986 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.013 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Tgt Ion:101 Resp: 162197
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

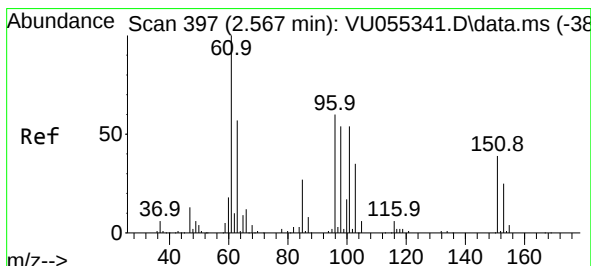
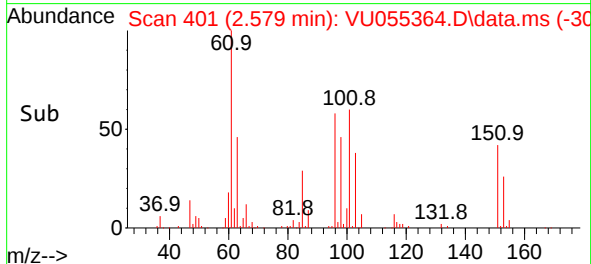
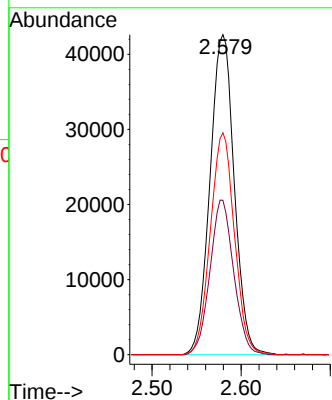
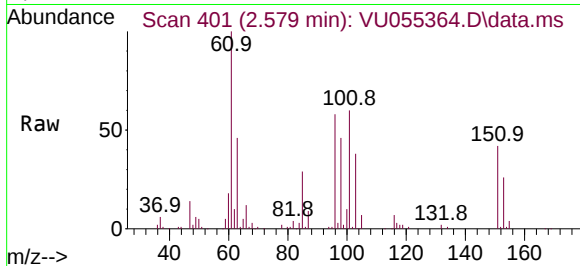




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.969 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.013 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

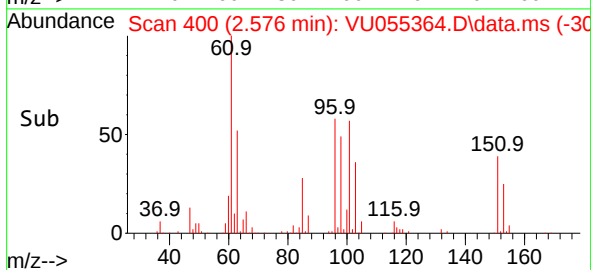
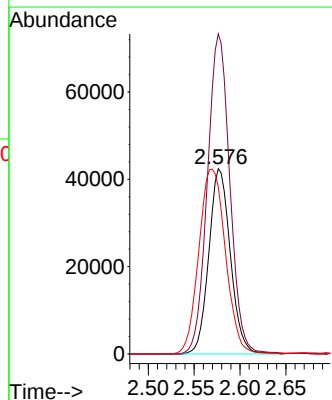
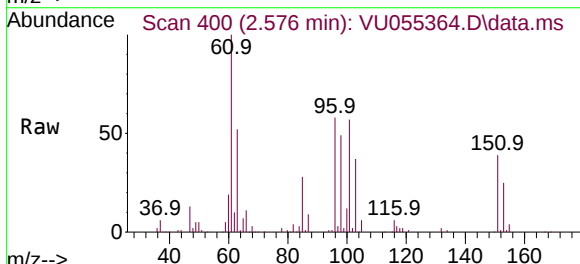
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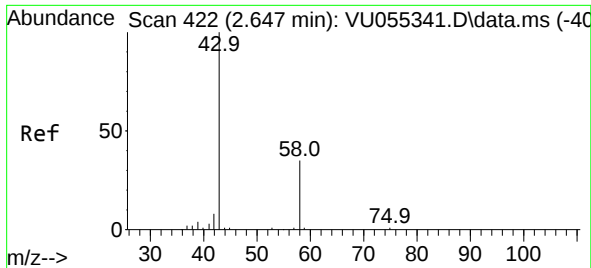
Tgt Ion:101 Resp: 80611
Ion Ratio Lower Upper
101 100
85 47.2 36.5 54.7
151 69.0 53.8 80.8



#12
1,1-Dichloroethene
Concen: 4.821 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.010 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Tgt Ion: 96 Resp: 69495
Ion Ratio Lower Upper
96 100
61 172.7 122.8 228.0
63 90.1 71.7 133.3





#13

Acetone

Concen: 51.324 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

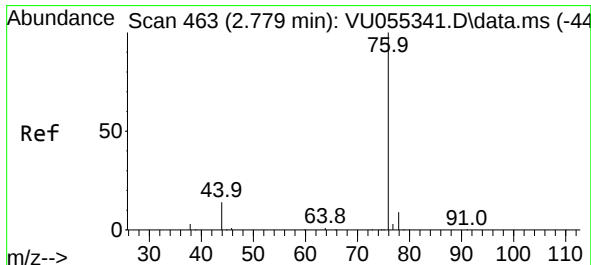
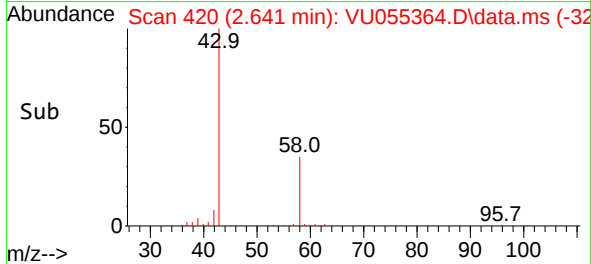
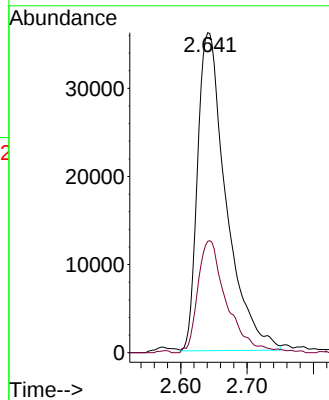
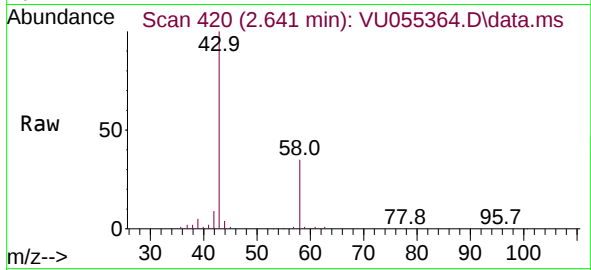
ClientSampleId :

Tgt Ion: 43 Resp: 107863

Ion Ratio Lower Upper

43 100

58 35.2 0.0 68.4



#14

Carbon disulfide

Concen: 5.099 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.013 min

Lab File: VU055364.D

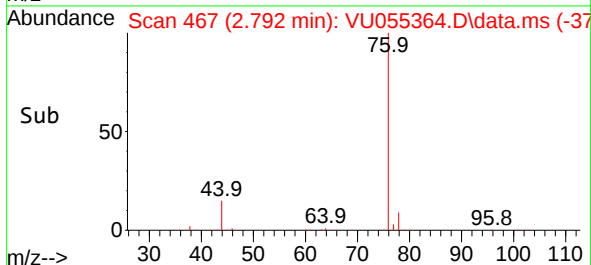
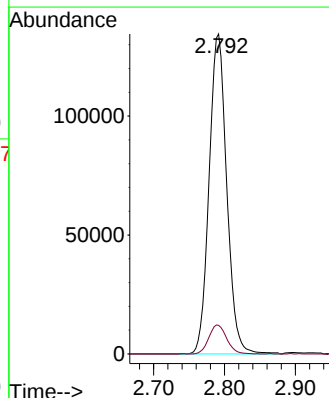
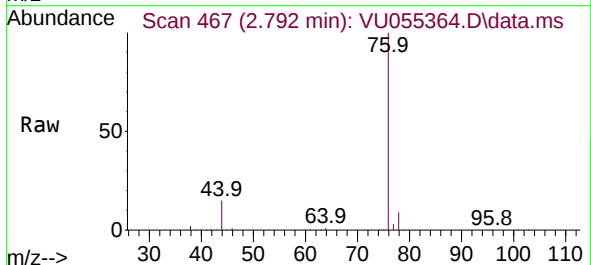
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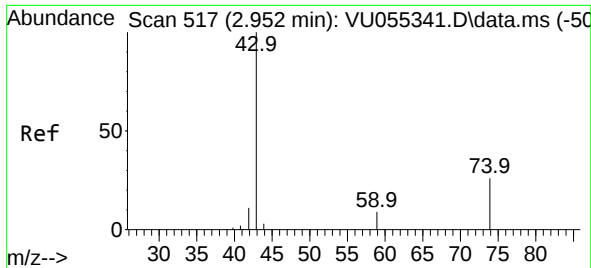
Tgt Ion: 76 Resp: 232389

Ion Ratio Lower Upper

76 100

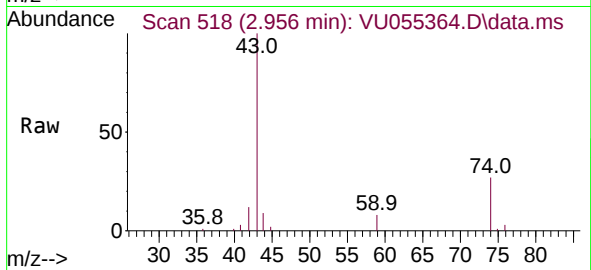
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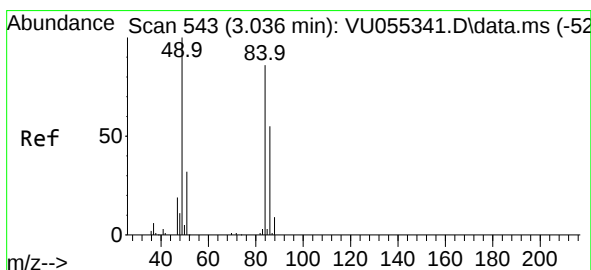
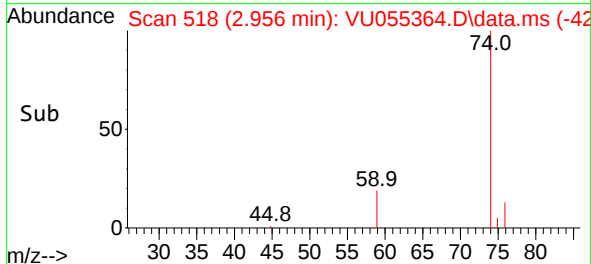
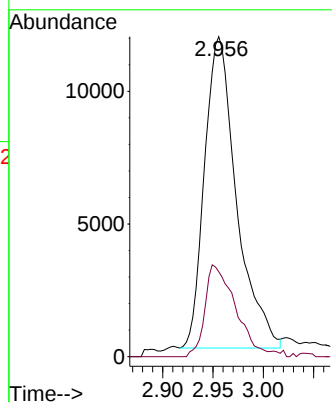


#15
Methyl Acetate
Concen: 5.240 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Instrument :
MSVOA_U
ClientSampleId :

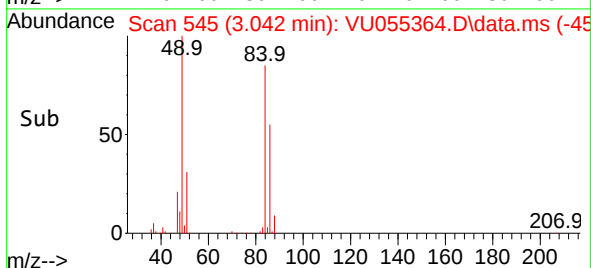
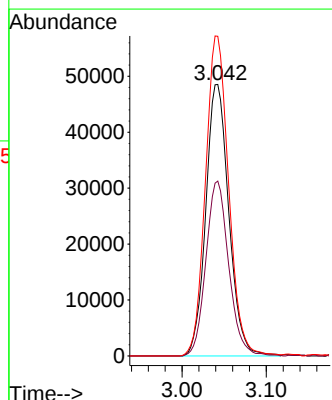
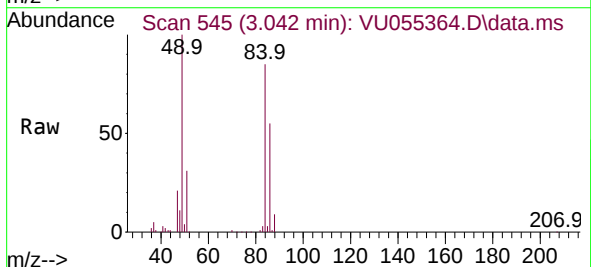


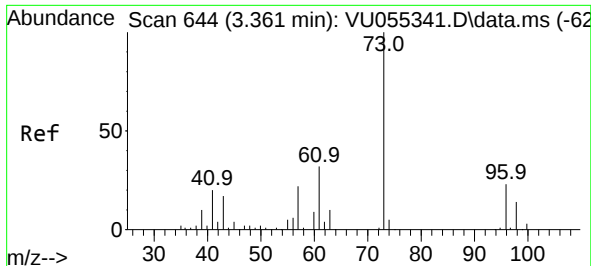
Tgt Ion: 43 Resp: 25994
Ion Ratio Lower Upper
43 100
74 28.6 23.9 35.9



#16
Methylene chloride
Concen: 4.305 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.007 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Tgt Ion: 84 Resp: 92475
Ion Ratio Lower Upper
84 100
86 64.4 42.4 78.8
49 117.8 79.9 148.3

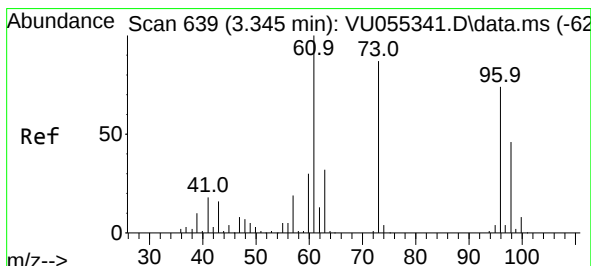
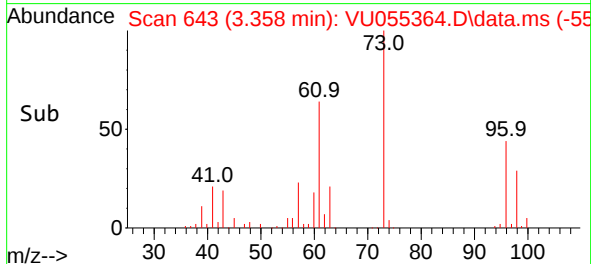
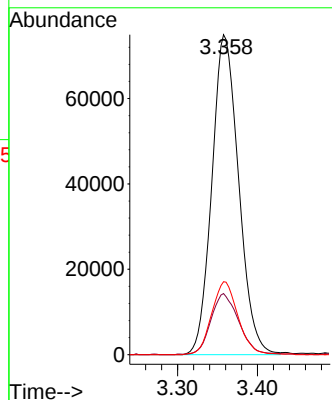
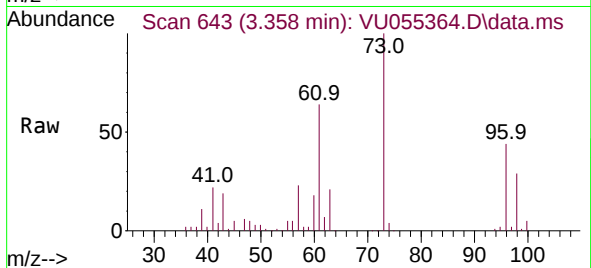




#17
Methyl tert-butyl Ether
Concen: 5.041 ug/L
RT: 3.358 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

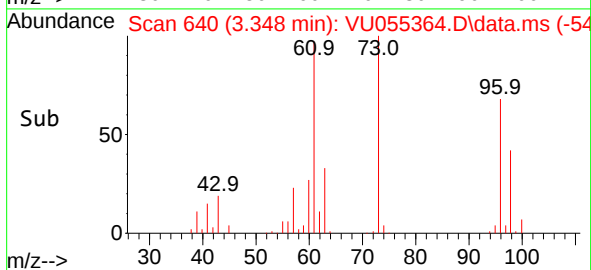
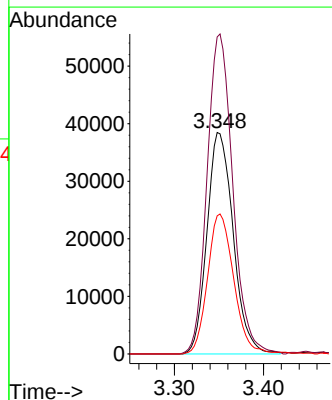
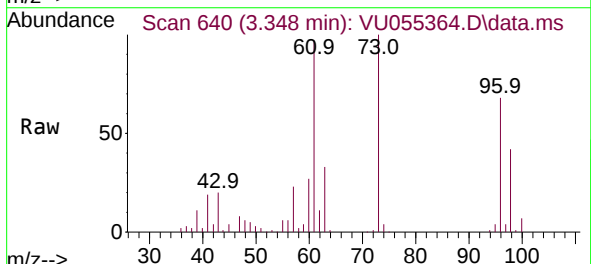
Instrument :
MSVOA_U
ClientSampleId :

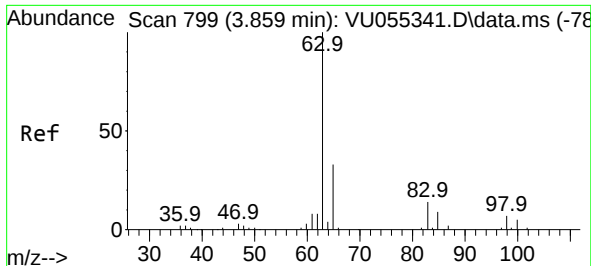
Tgt Ion: 73 Resp: 174230
Ion Ratio Lower Upper
73 100
43 20.0 16.0 24.0
57 22.4 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.971 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Tgt Ion: 96 Resp: 78794
Ion Ratio Lower Upper
96 100
61 143.1 97.4 181.0
98 62.4 44.6 82.8





#19

1,1-Dichloroethane

Concen: 5.047 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.007 min

Lab File: VU055364.D

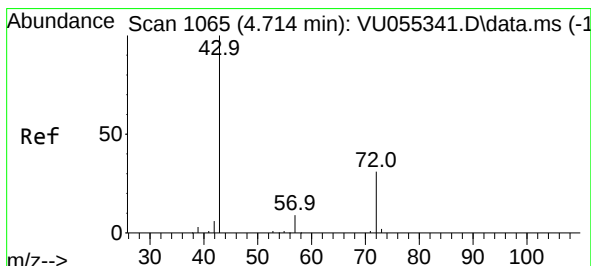
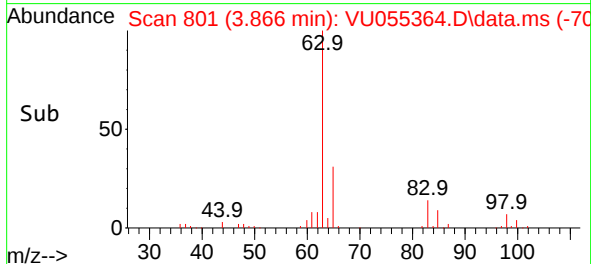
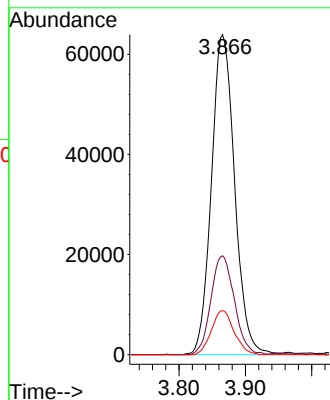
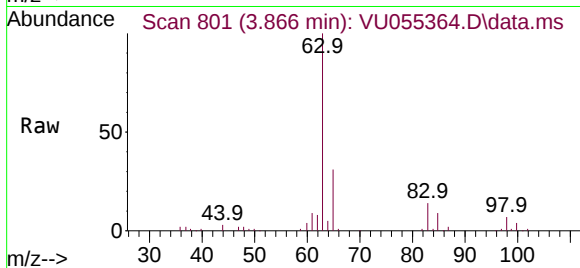
Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	155614
Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.8	40.6
83	13.8	9.7	17.9



#21

2-Butanone

Concen: 52.067 ug/L

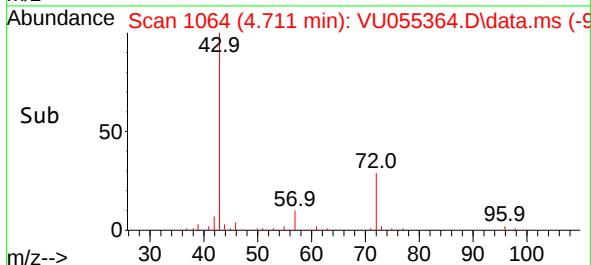
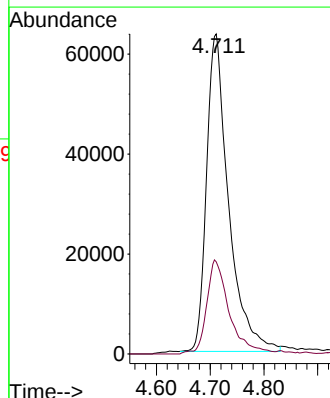
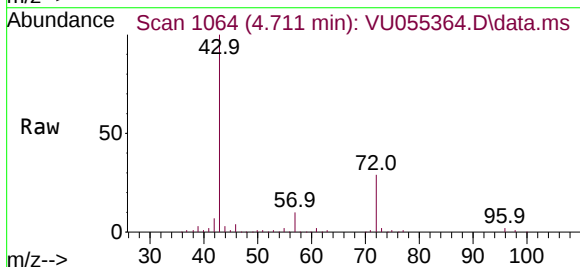
RT: 4.711 min Scan# 1064

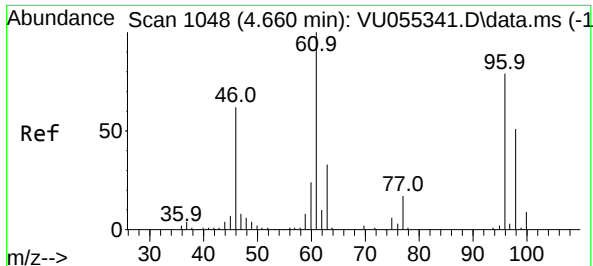
Delta R.T. -0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Tgt Ion:	43	Resp:	181157
Ion	Ratio	Lower	Upper
43	100		
72	30.3	15.2	45.5





#22

cis-1,2-Dichloroethene

Concen: 4.815 ug/L

RT: 4.663 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

ClientSampleId :

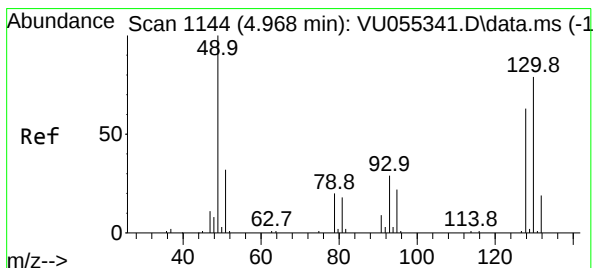
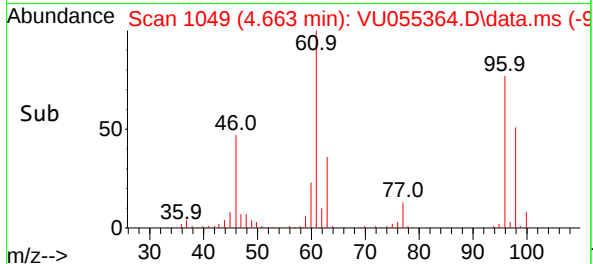
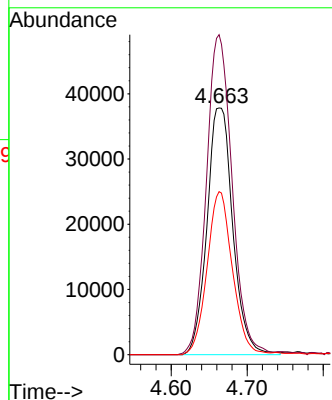
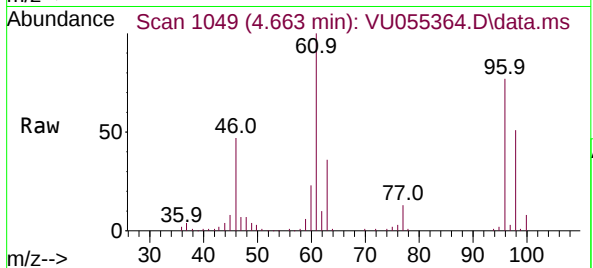
Tgt Ion: 96 Resp: 89396

Ion Ratio Lower Upper

96 100

61 129.7 88.1 163.7

98 66.1 43.5 80.7



#23

Bromochloromethane

Concen: 5.011 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Tgt Ion:128 Resp: 37809

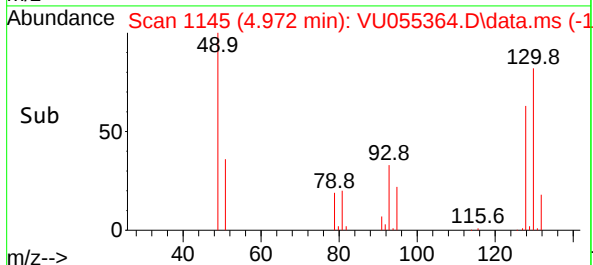
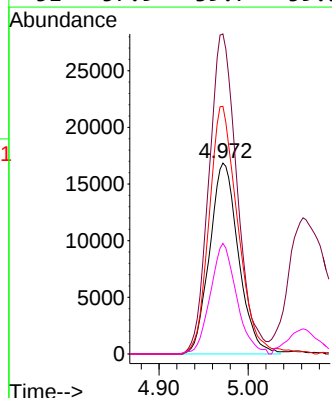
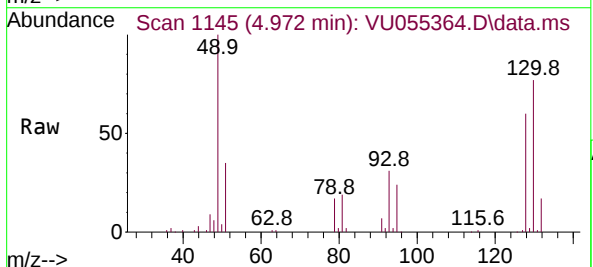
Ion Ratio Lower Upper

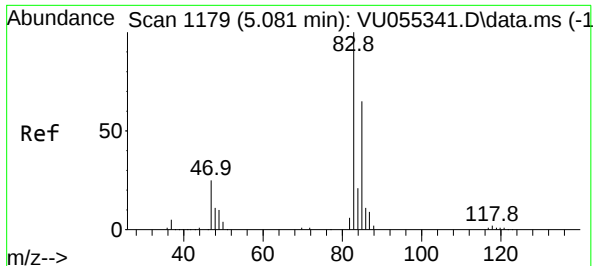
128 100

49 167.7 108.1 200.9

130 129.8 84.3 156.5

51 57.9 39.7 59.5





#25

Chloroform

Concen: 4.898 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

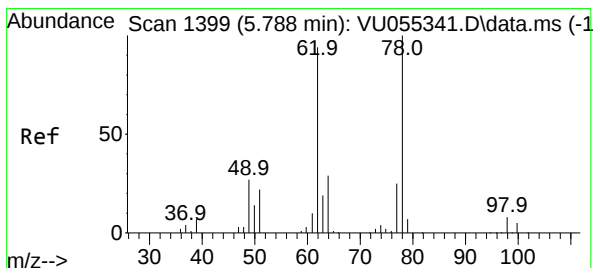
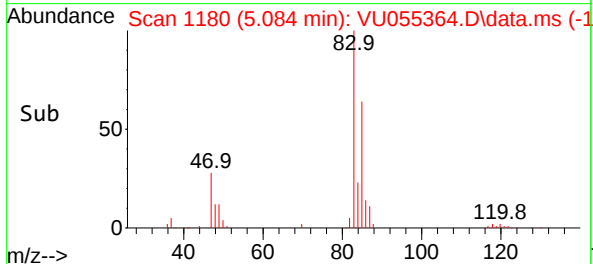
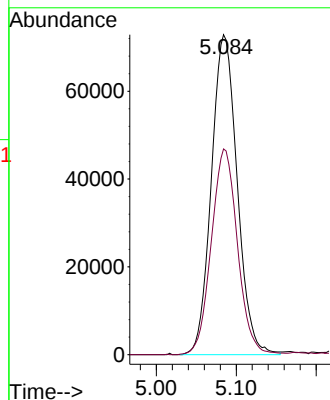
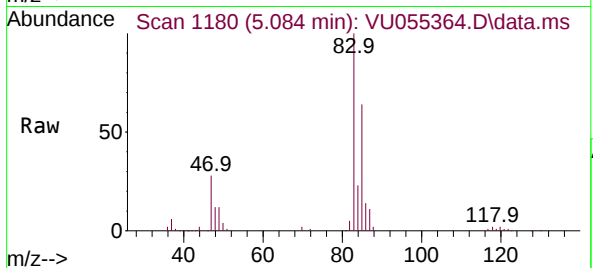
ClientSampleId :

Tgt Ion: 83 Resp: 163540

Ion Ratio Lower Upper

83 100

85 64.3 44.4 82.4



#27

1,2-Dichloroethane

Concen: 5.057 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU055364.D

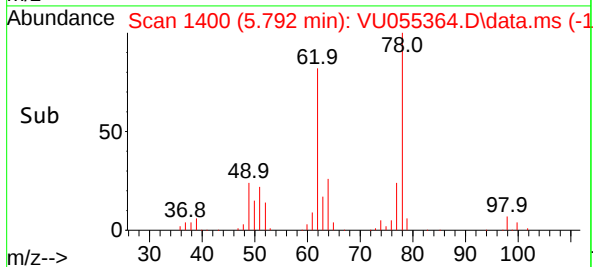
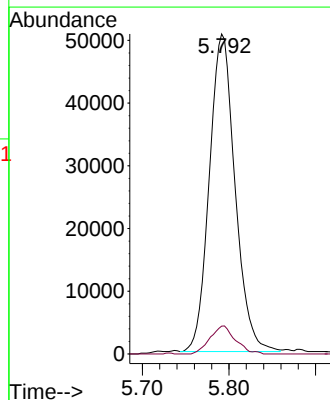
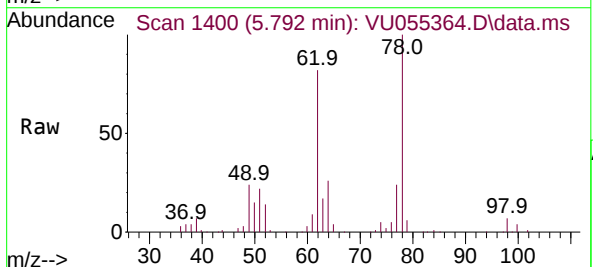
Acq: 18 Sep 2023 10:03

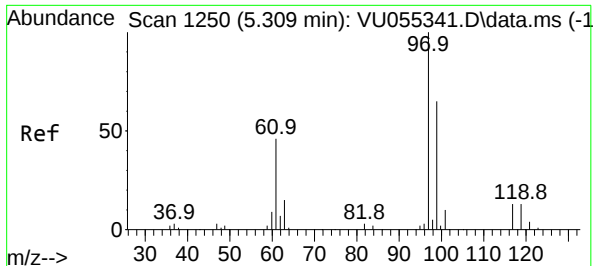
Tgt Ion: 62 Resp: 104684

Ion Ratio Lower Upper

62 100

98 8.7 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.077 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

ClientSampleId :

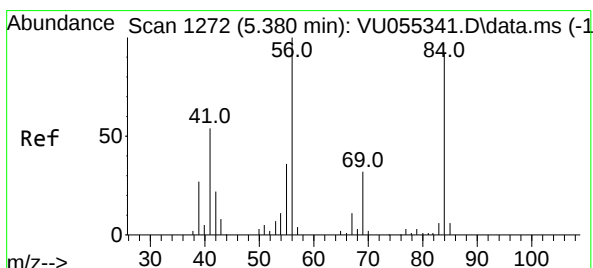
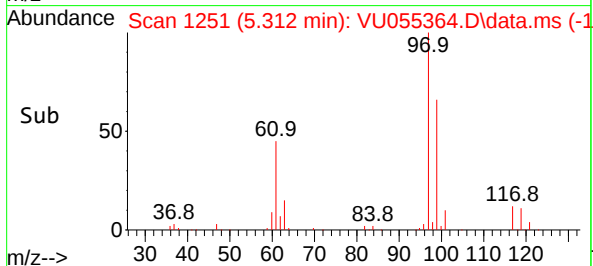
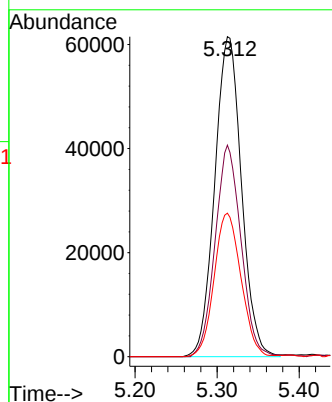
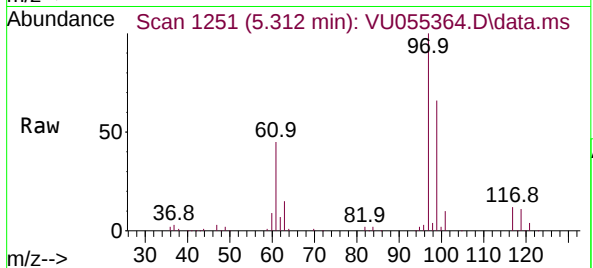
Tgt Ion: 97 Resp: 139333

Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 45.1 37.6 56.4



#30

Cyclohexane

Concen: 5.080 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

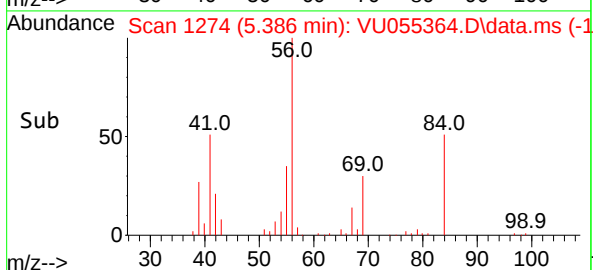
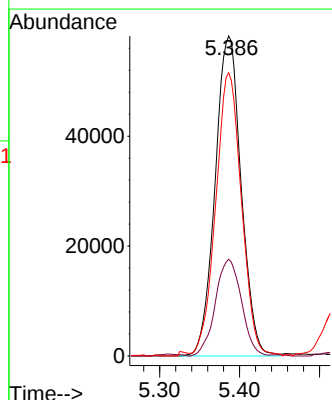
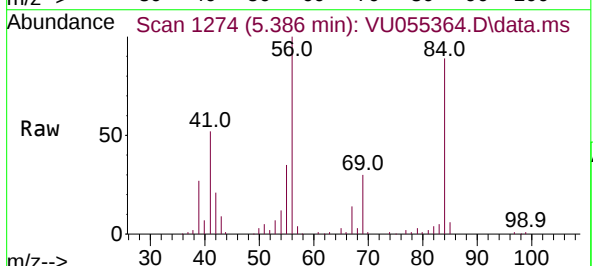
Tgt Ion: 56 Resp: 131613

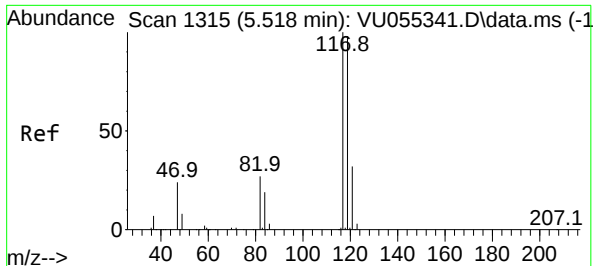
Ion Ratio Lower Upper

56 100

69 30.2 25.0 37.6

84 87.5 70.2 105.4

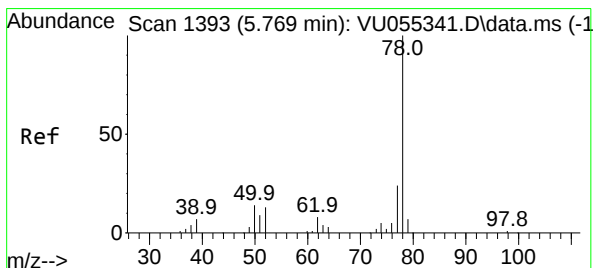
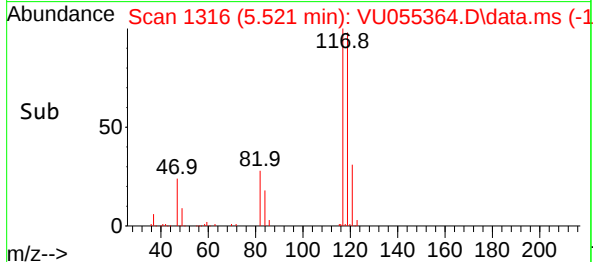
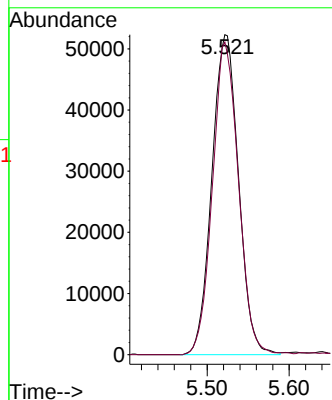
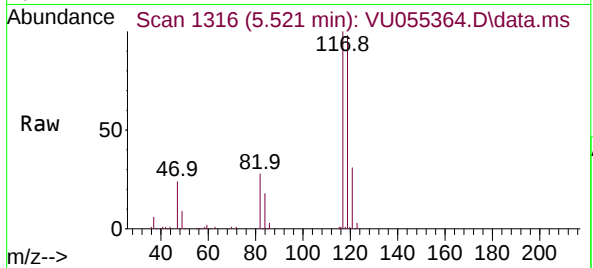




#31
Carbon tetrachloride
Concen: 5.061 ug/L
RT: 5.521 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

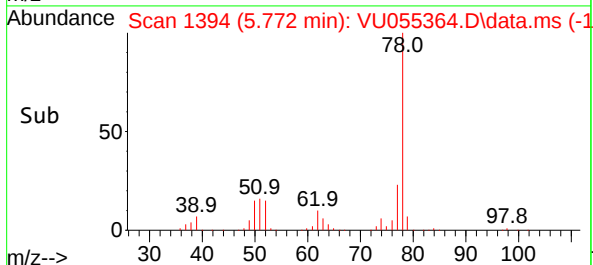
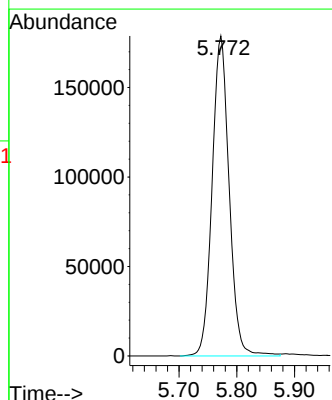
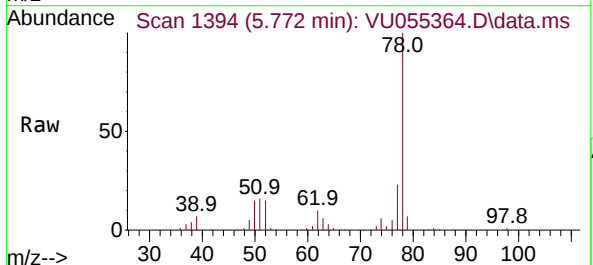
Instrument :
MSVOA_U
ClientSampleId :

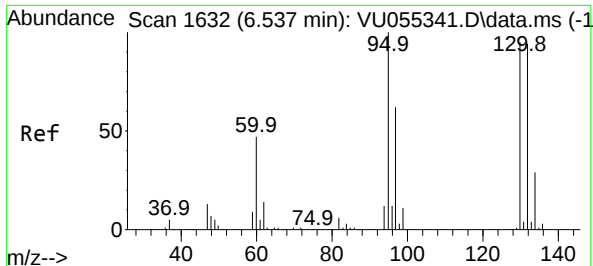
Tgt Ion:117 Resp: 118137
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3



#33
Benzene
Concen: 5.131 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Tgt Ion: 78 Resp: 366740





#34

Trichloroethene

Concen: 4.920 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 100099

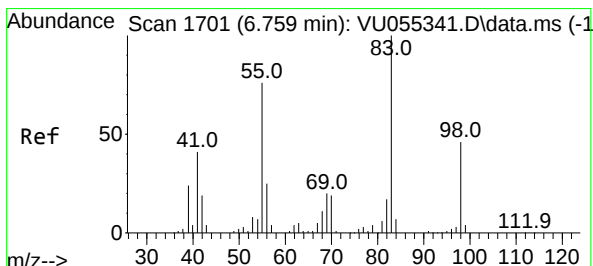
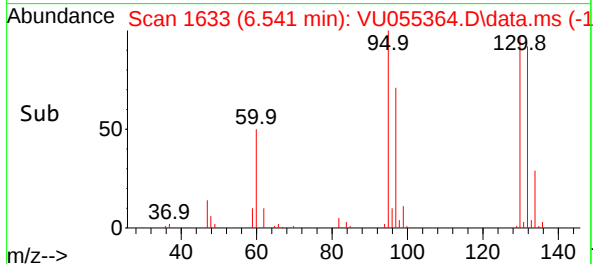
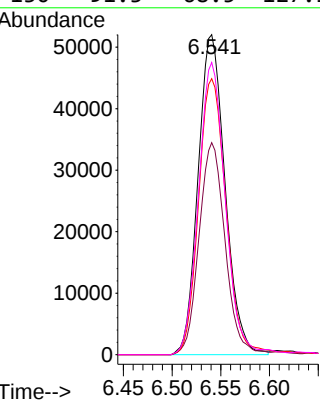
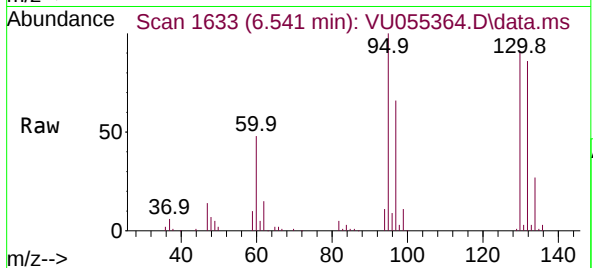
Ion Ratio Lower Upper

95 100

97 66.3 47.4 88.0

132 86.3 60.5 112.3

130 91.3 68.5 127.1



#35

Methylcyclohexane

Concen: 5.025 ug/L

RT: 6.763 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

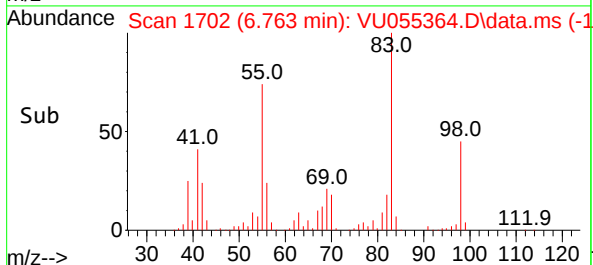
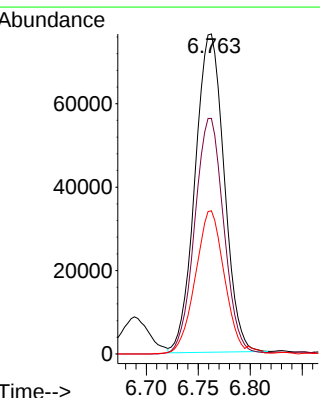
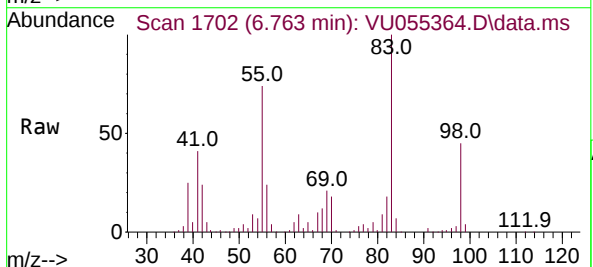
Tgt Ion: 83 Resp: 148604

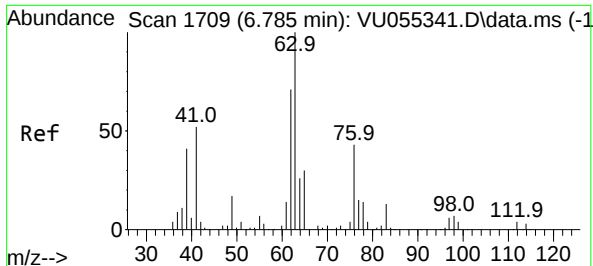
Ion Ratio Lower Upper

83 100

55 74.0 58.7 88.1

98 45.5 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.230 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

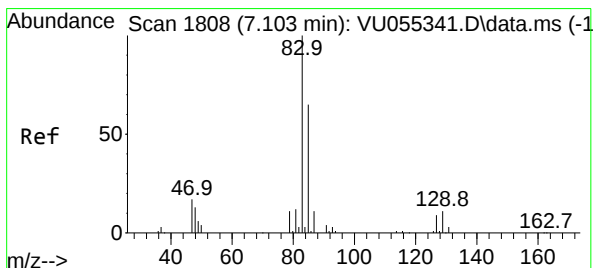
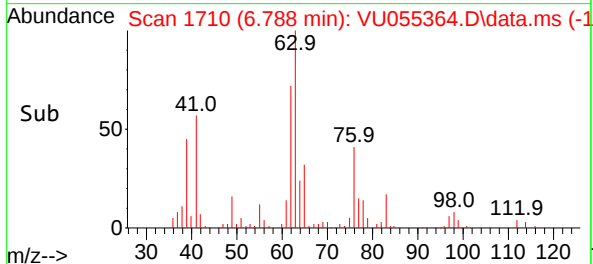
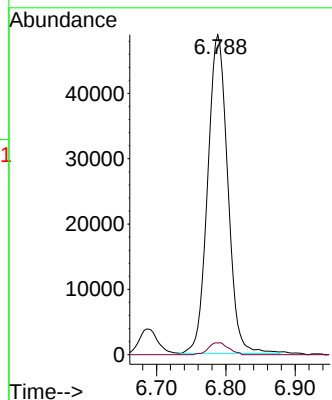
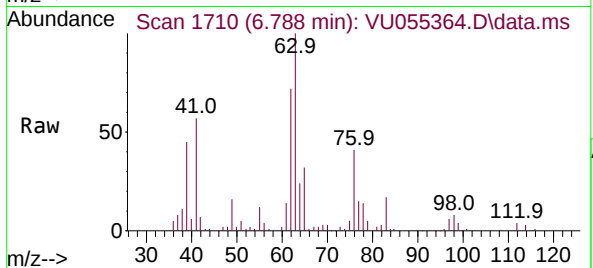
ClientSampleId :

Tgt Ion: 63 Resp: 98174

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 5.199 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

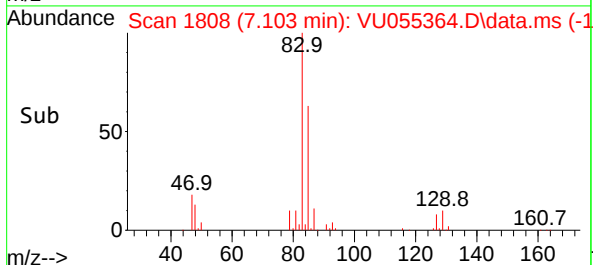
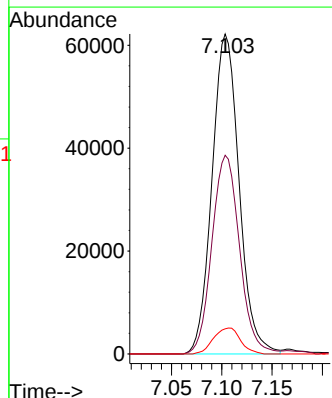
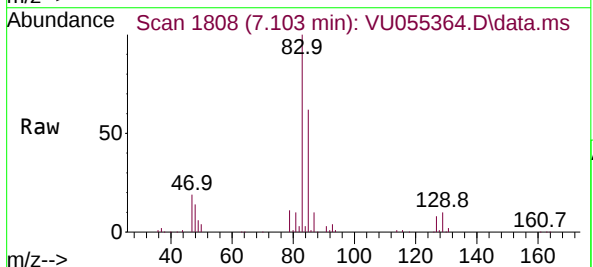
Tgt Ion: 83 Resp: 116444

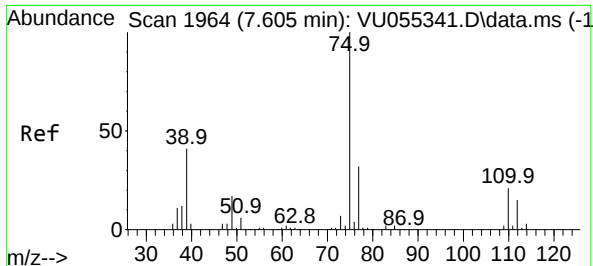
Ion Ratio Lower Upper

83 100

85 62.1 46.3 85.9

127 7.9 7.0 10.4

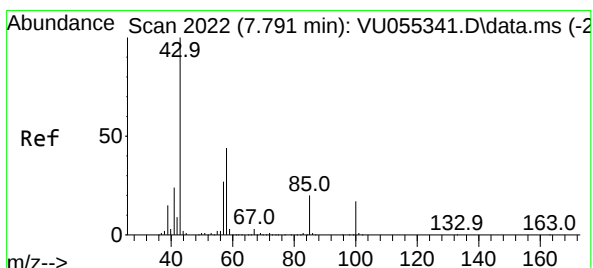
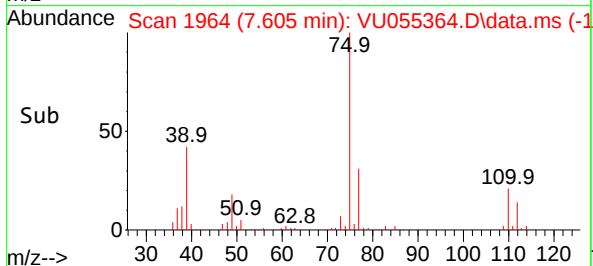
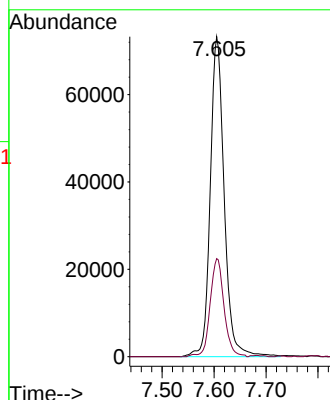
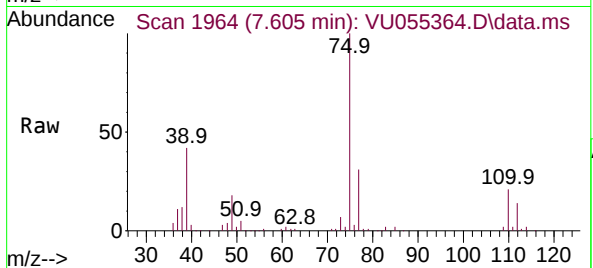




#39
 cis-1,3-Dichloropropene
 Concen: 5.356 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU055364.D
 Acq: 18 Sep 2023 10:03

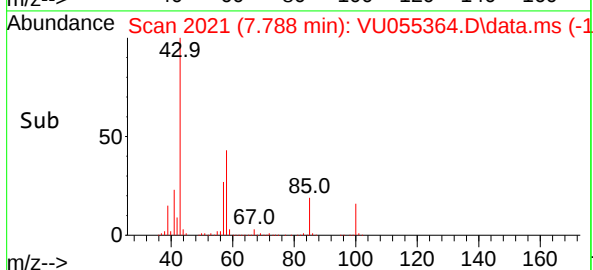
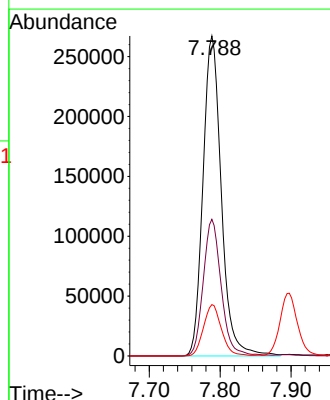
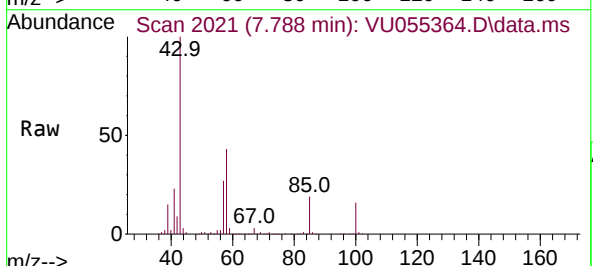
Instrument :
 MSVOA_U
 ClientSampleId :

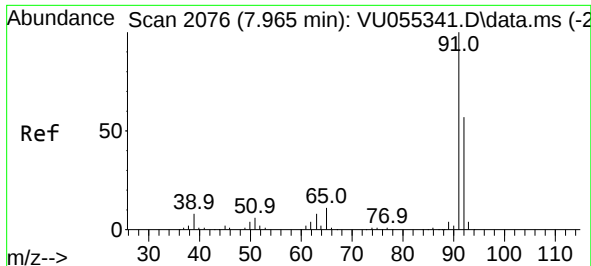
Tgt Ion: 75 Resp: 136641
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 53.990 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. -0.003 min
 Lab File: VU055364.D
 Acq: 18 Sep 2023 10:03

Tgt Ion: 43 Resp: 480892
 Ion Ratio Lower Upper
 43 100
 58 41.8 32.9 49.3
 100 15.8 12.9 19.3





#42

Toluene

Concen: 5.076 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

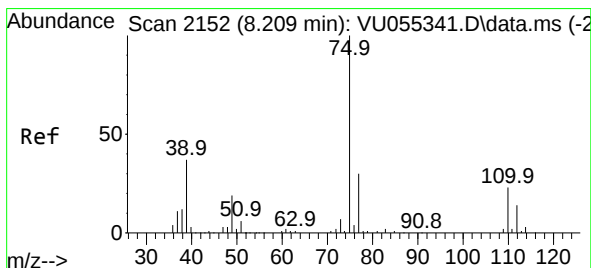
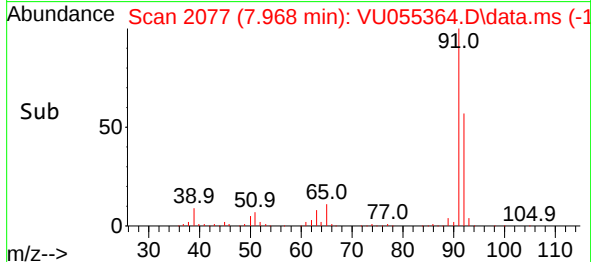
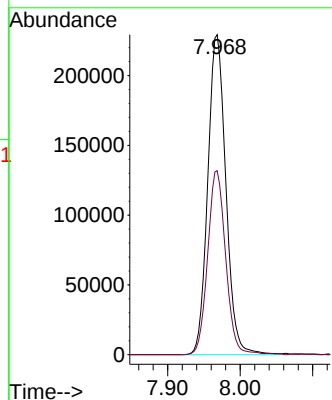
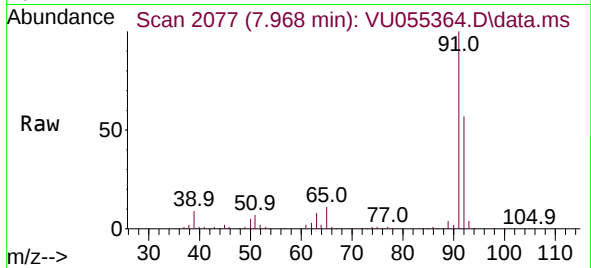
ClientSampleId :

Tgt Ion: 91 Resp: 397590

Ion Ratio Lower Upper

91 100

92 57.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.451 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055364.D

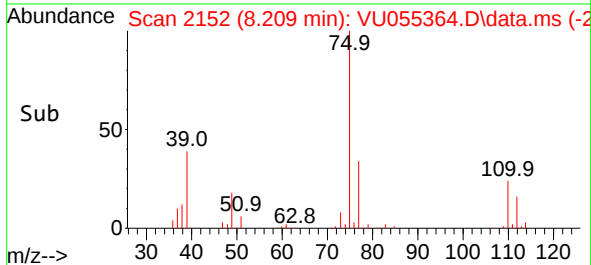
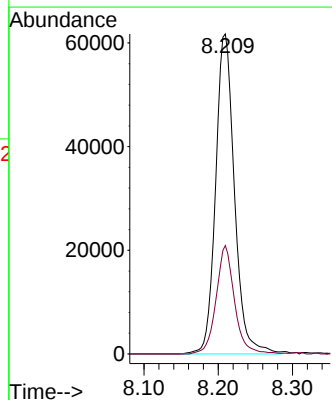
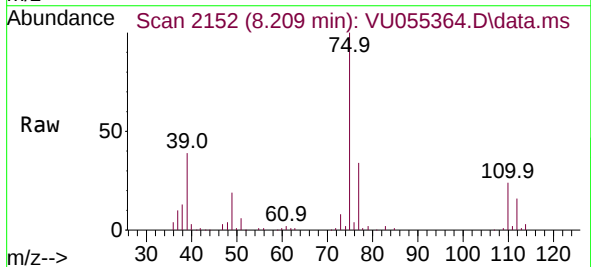
Acq: 18 Sep 2023 10:03

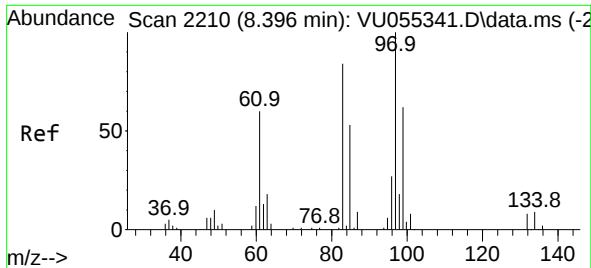
Tgt Ion: 75 Resp: 109027

Ion Ratio Lower Upper

75 100

77 33.9 23.2 43.0

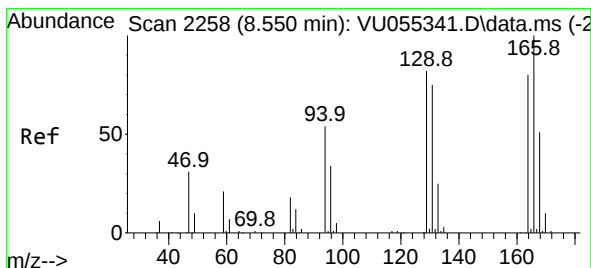
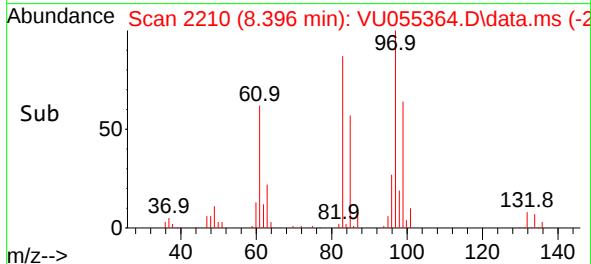
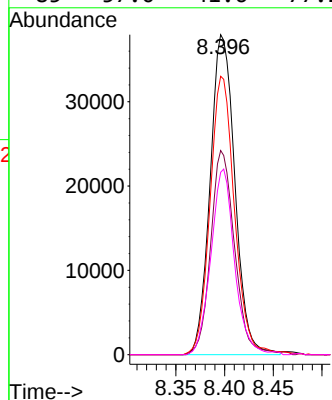
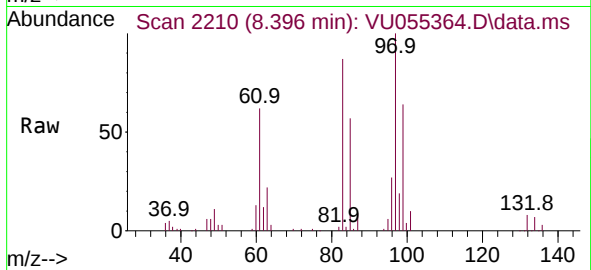




#45
1,1,2-Trichloroethane
Concen: 5.149 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

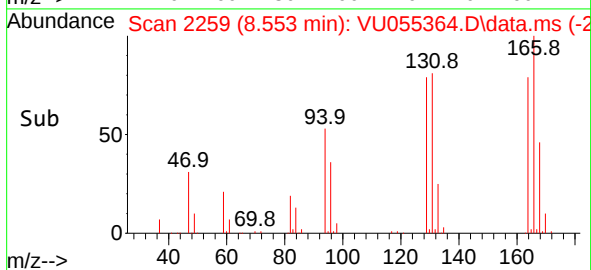
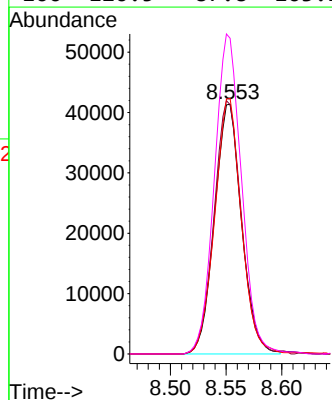
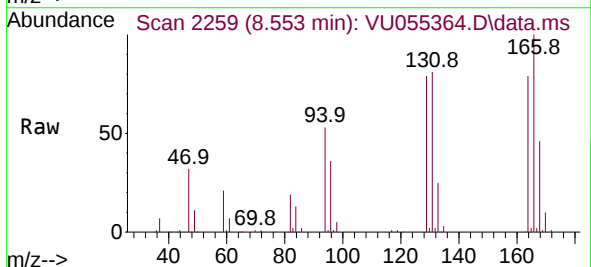
Instrument :
MSVOA_U
ClientSampleId :

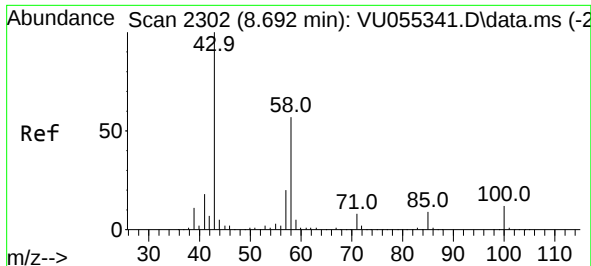
Tgt Ion:	97	Resp:	66996
Ion	Ratio	Lower	Upper
97	100		
99	63.8	42.4	78.6
83	87.0	61.3	113.9
85	57.0	41.6	77.2



#47
Tetrachloroethene
Concen: 5.011 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

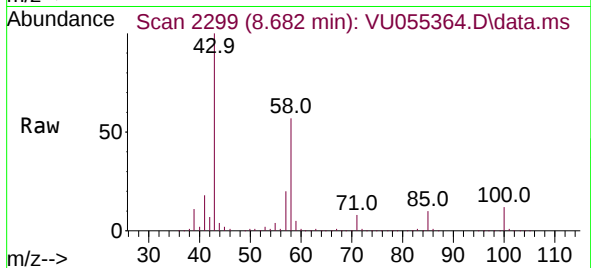
Tgt Ion:	164	Resp:	69871
Ion	Ratio	Lower	Upper
164	100		
129	99.8	76.3	141.7
131	102.4	69.1	128.3
166	126.5	87.8	163.2



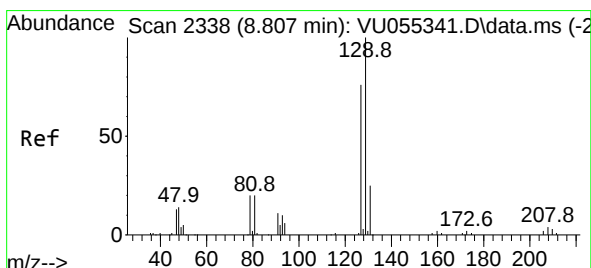
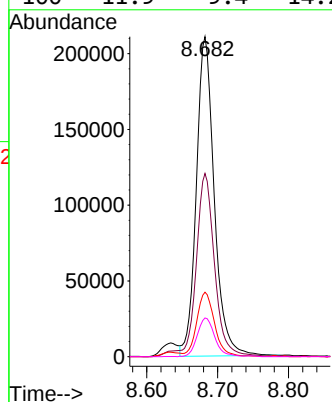
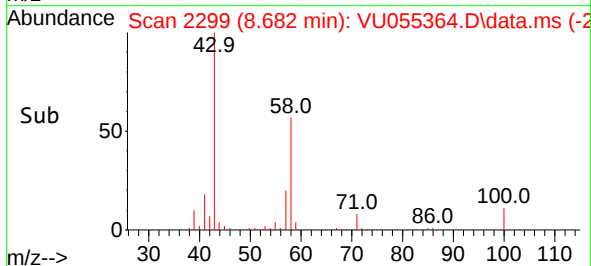


#48
2-Hexanone
Concen: 55.258 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Instrument :
MSVOA_U
ClientSampleId :

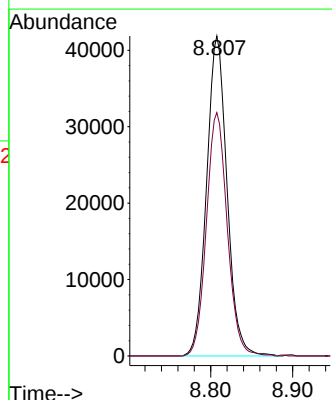
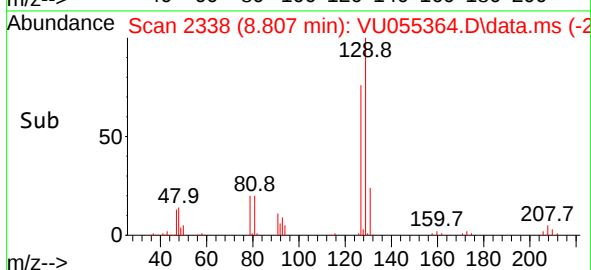
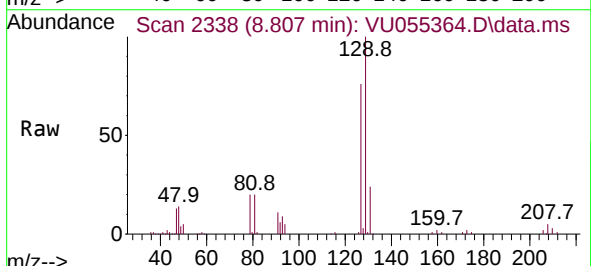


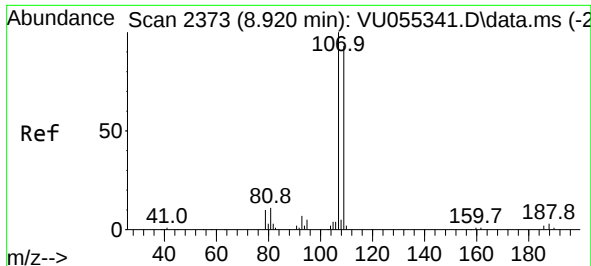
Tgt Ion: 43 Resp: 370944
Ion Ratio Lower Upper
43 100
58 59.3 47.8 71.6
57 19.6 15.4 23.2
100 11.9 9.4 14.2



#49
Dibromochloromethane
Concen: 5.433 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Tgt Ion: 129 Resp: 72336
Ion Ratio Lower Upper
129 100
127 76.1 53.4 99.2

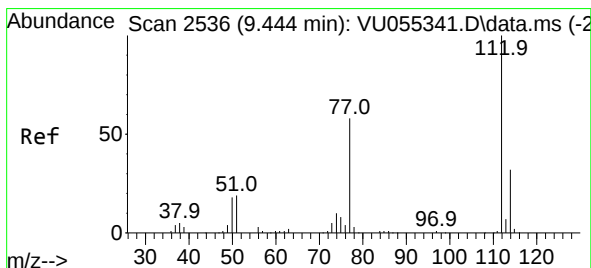
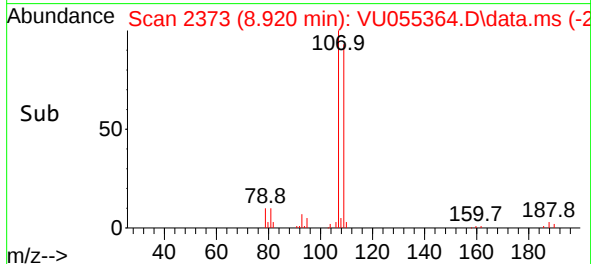
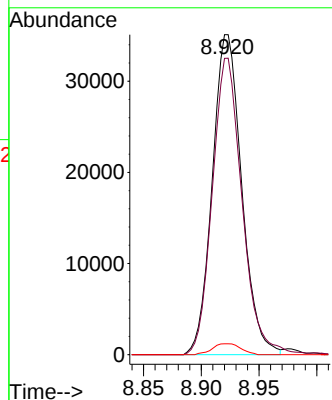
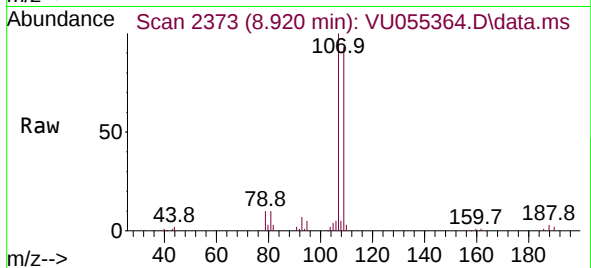




#50
1,2-Dibromoethane
Concen: 5.122 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

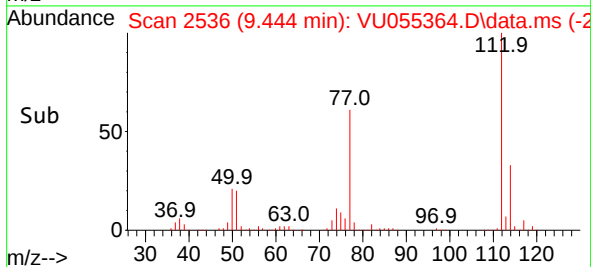
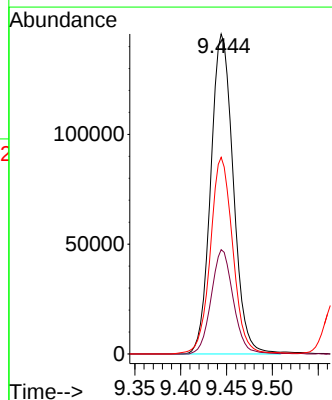
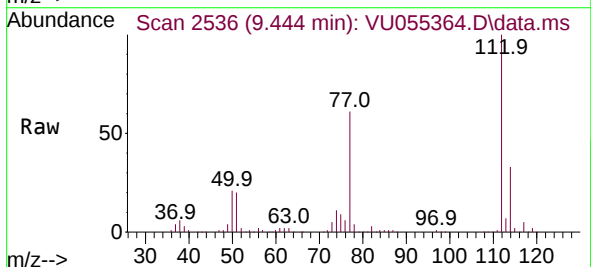
Instrument :
MSVOA_U
ClientSampleId :

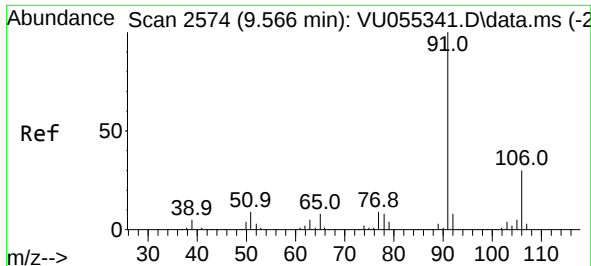
Tgt Ion:107 Resp: 62154
Ion Ratio Lower Upper
107 100
109 92.6 66.6 123.8
188 3.4 2.1 3.1#



#51
Chlorobenzene
Concen: 4.931 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Tgt Ion:112 Resp: 249171
Ion Ratio Lower Upper
112 100
114 32.6 21.8 40.6
77 61.5 47.4 71.0





#52

Ethylbenzene

Concen: 4.986 ug/L

RT: 9.570 min Scan# 2575

Delta R.T. 0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

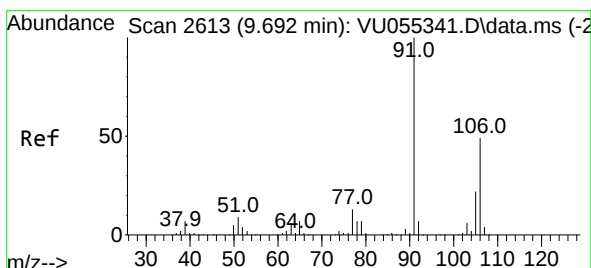
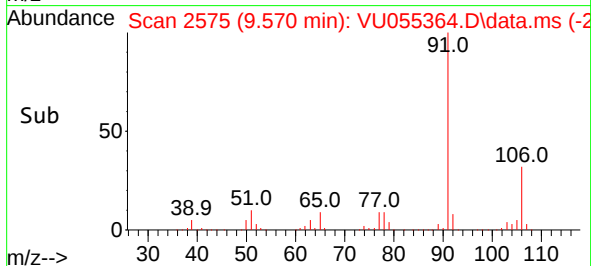
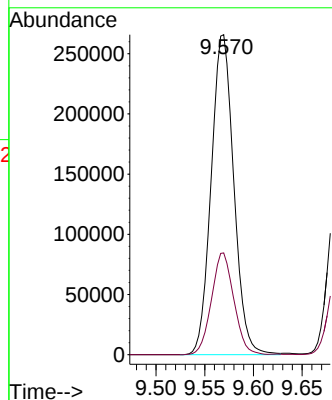
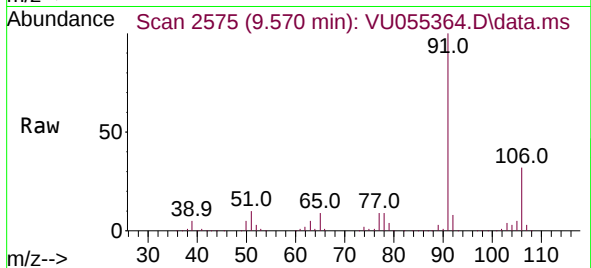
ClientSampleId :

Tgt Ion: 91 Resp: 428868

Ion Ratio Lower Upper

91 100

106 31.8 21.5 39.9



#53

m,p-Xylene

Concen: 5.149 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.000 min

Lab File: VU055364.D

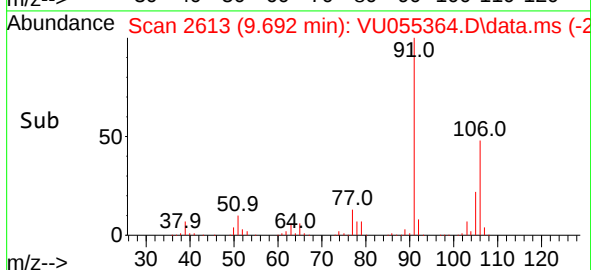
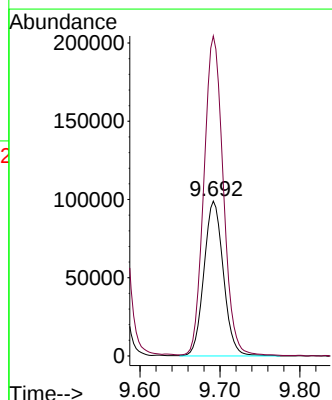
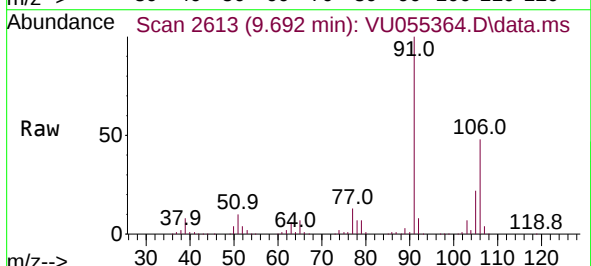
Acq: 18 Sep 2023 10:03

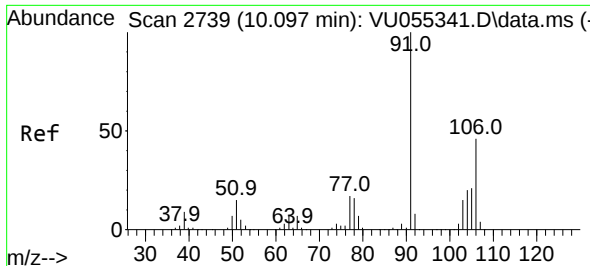
Tgt Ion:106 Resp: 167524

Ion Ratio Lower Upper

106 100

91 206.7 143.3 266.1

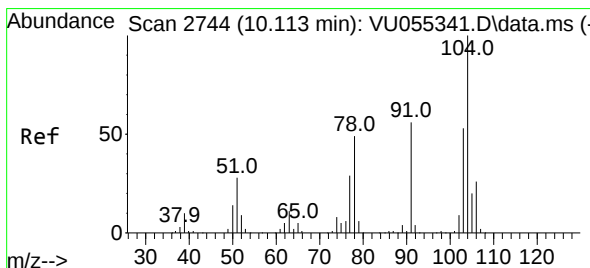
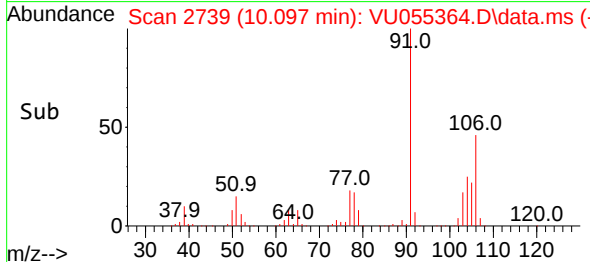
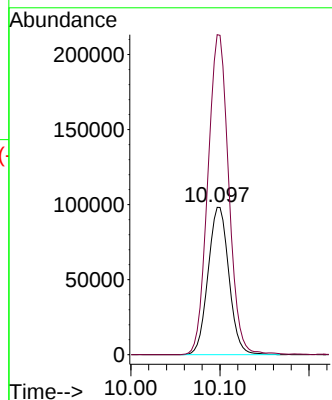
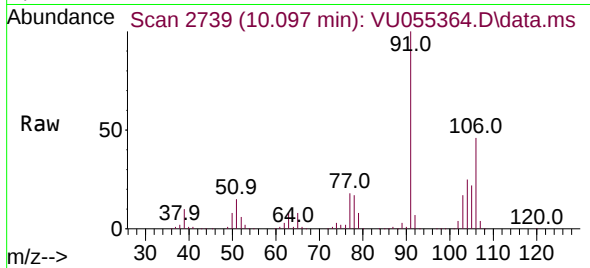




#54
o-Xylene
Concen: 5.166 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

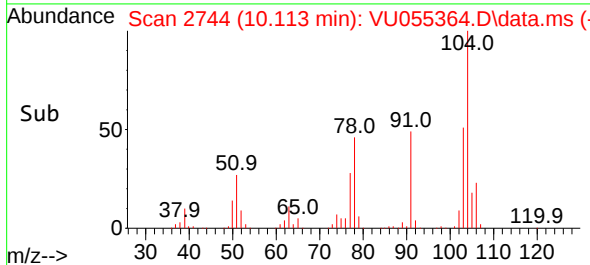
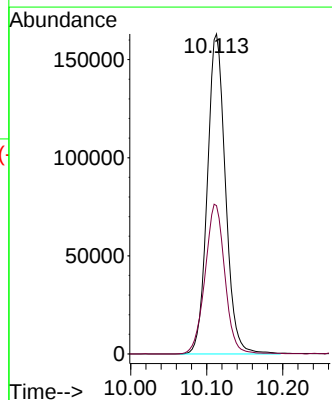
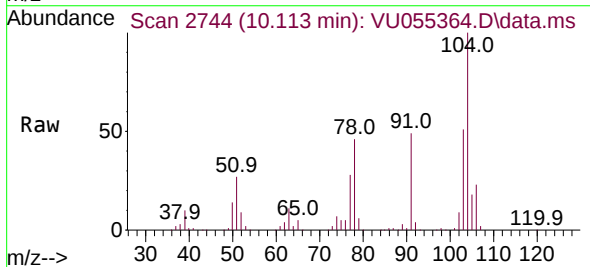
Instrument :
MSVOA_U
ClientSampleId :

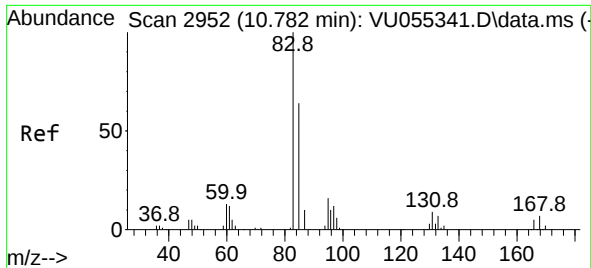
Tgt Ion:106 Resp: 159448
Ion Ratio Lower Upper
106 100
91 217.1 155.6 289.0



#55
Styrene
Concen: 5.238 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Tgt Ion:104 Resp: 270032
Ion Ratio Lower Upper
104 100
78 46.4 32.9 61.1

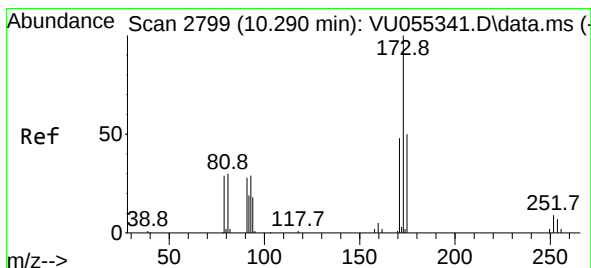
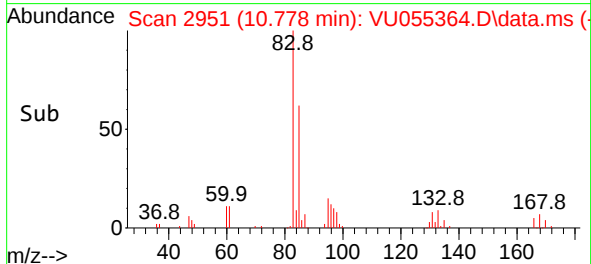
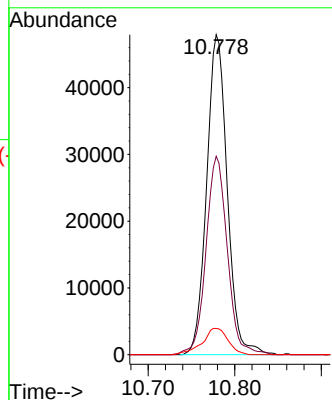
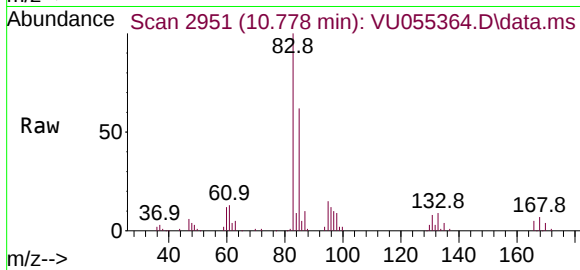




#57
1,1,2,2-Tetrachloroethane
Concen: 5.533 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

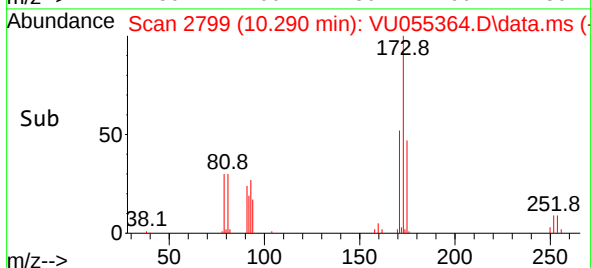
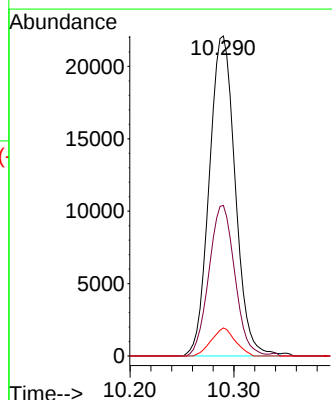
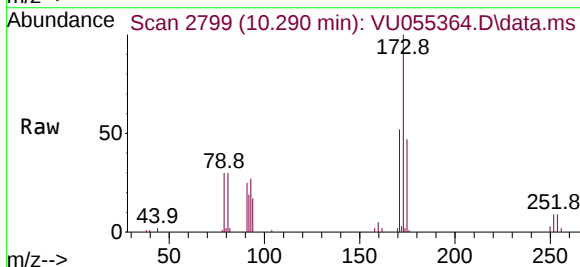
Instrument :
MSVOA_U
ClientSampleId :

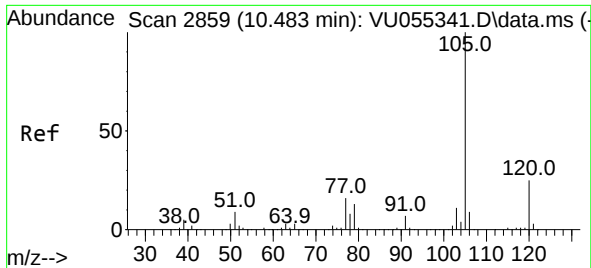
Tgt Ion: 83 Resp: 79178
Ion Ratio Lower Upper
83 100
85 62.0 43.3 80.5
131 8.2 7.2 10.8



#59
Bromoform
Concen: 5.533 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Tgt Ion: 173 Resp: 38283
Ion Ratio Lower Upper
173 100
175 46.9 38.1 57.1
254 8.0 6.8 10.2

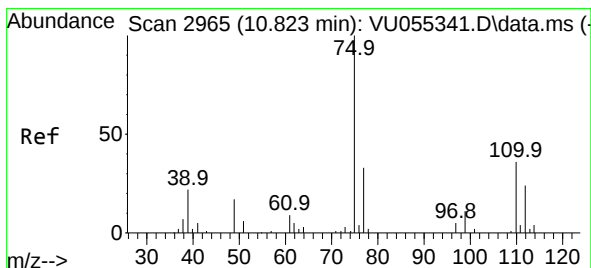
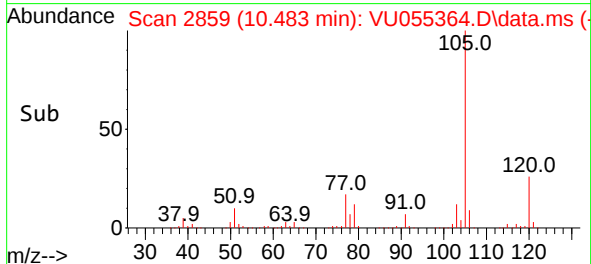
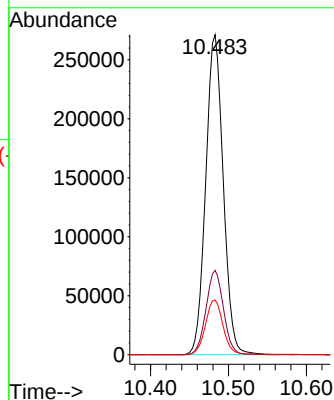
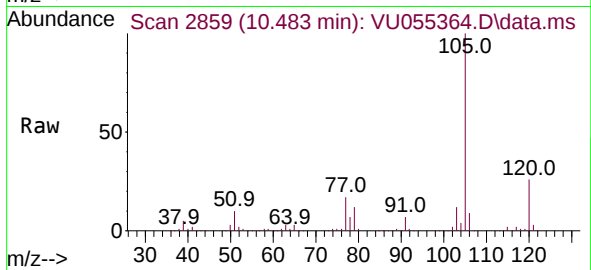




#60
Isopropylbenzene
Concen: 4.883 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

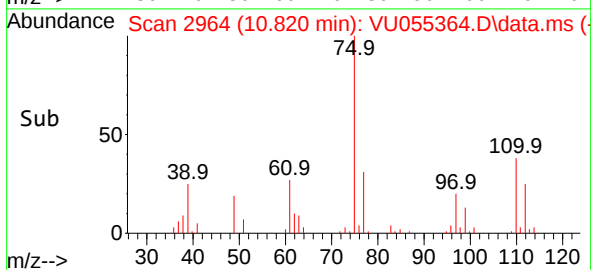
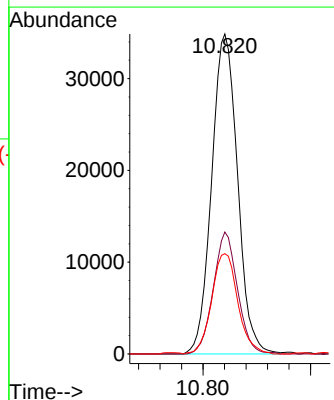
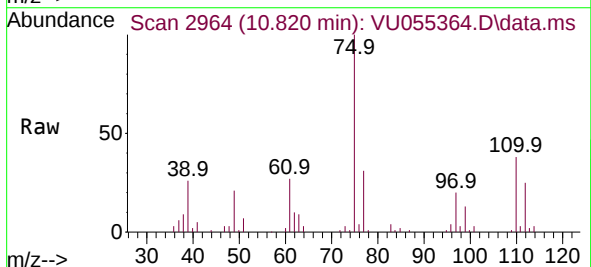
Instrument :
MSVOA_U
ClientSampleId :

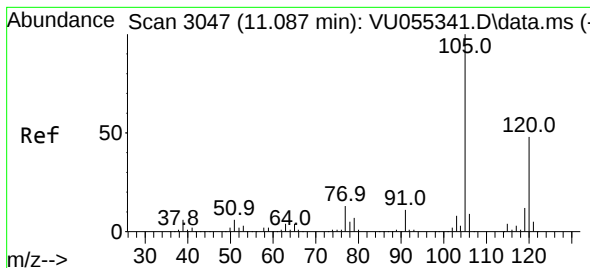
Tgt Ion:105 Resp: 423717
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 17.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 5.066 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Tgt Ion: 75 Resp: 58311
Ion Ratio Lower Upper
75 100
110 35.7 31.4 47.2
77 31.7 26.0 39.0





#62

1,3,5-Trimethylbenzene

Concen: 4.931 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

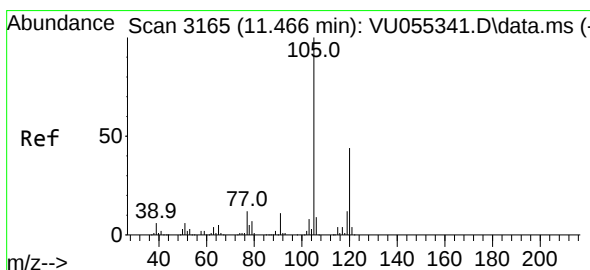
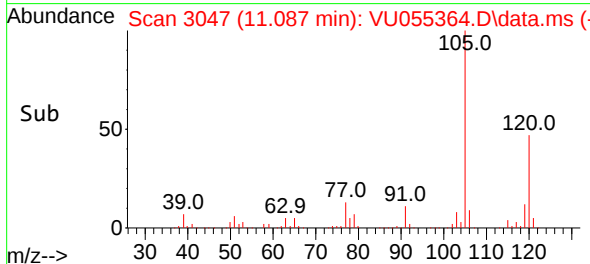
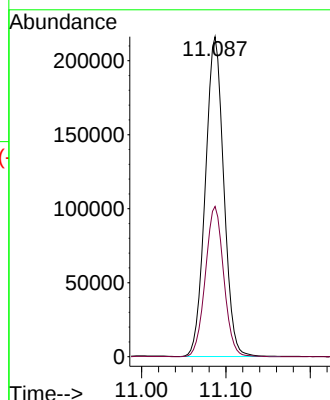
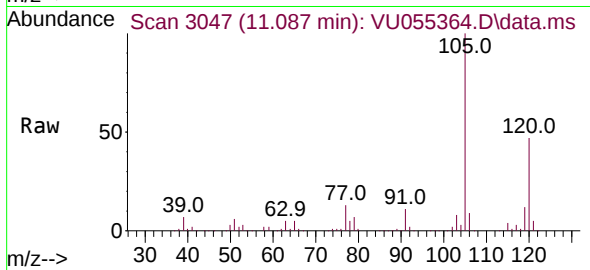
ClientSampleId :

Tgt Ion:105 Resp: 328901

Ion Ratio Lower Upper

105 100

120 47.0 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 5.062 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VU055364.D

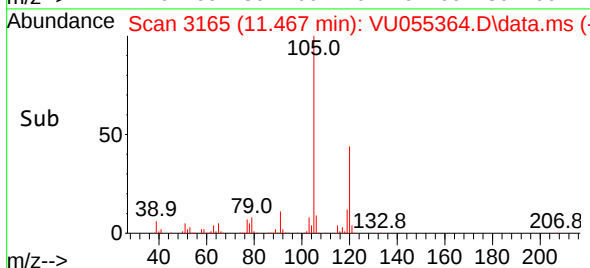
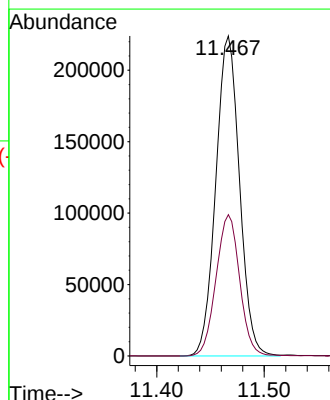
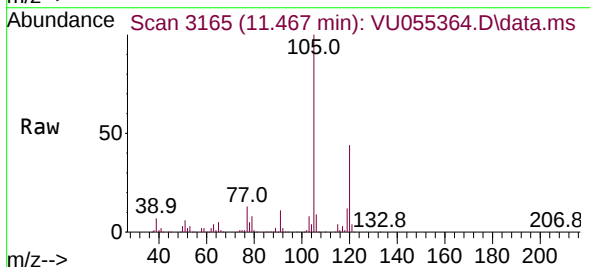
Acq: 18 Sep 2023 10:03

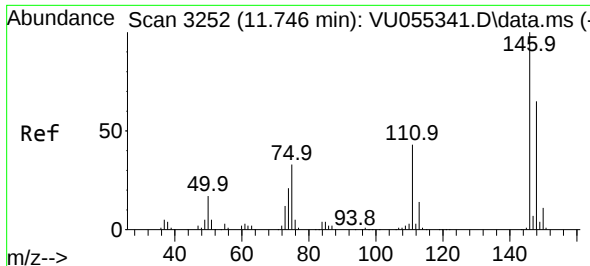
Tgt Ion:105 Resp: 342797

Ion Ratio Lower Upper

105 100

120 44.0 34.6 52.0

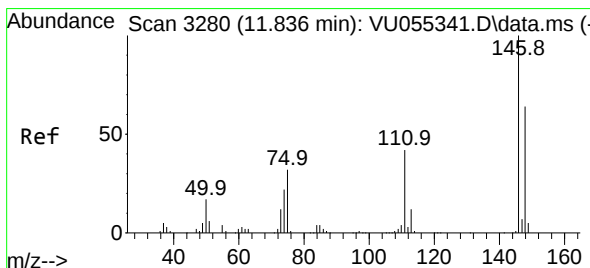
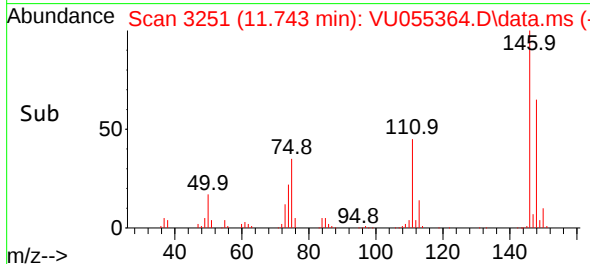
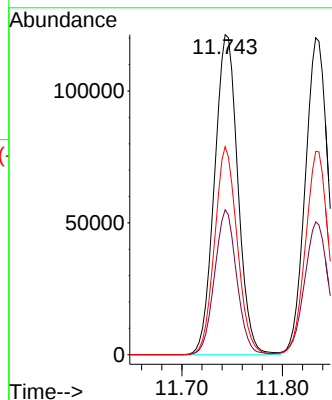
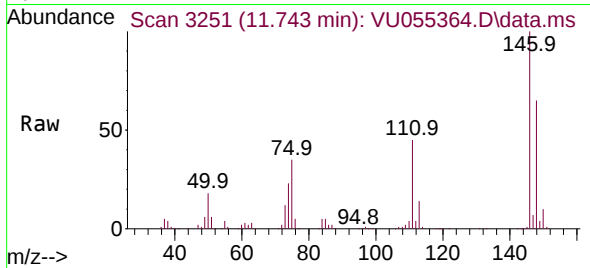




#64
1,3-Dichlorobenzene
Concen: 4.915 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

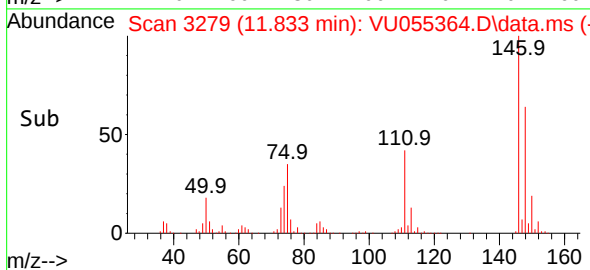
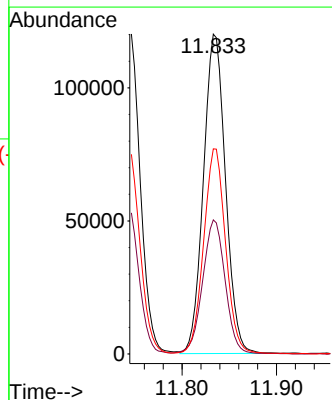
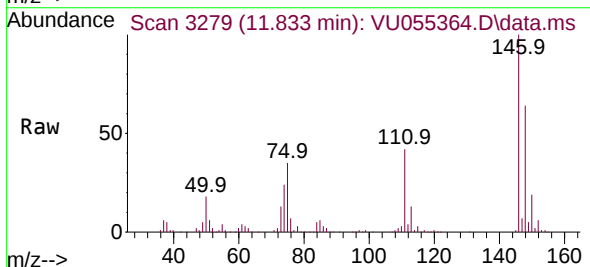
Instrument :
MSVOA_U
ClientSampleId :

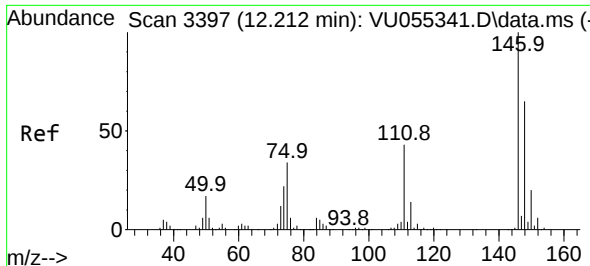
Tgt Ion:146 Resp: 196499
Ion Ratio Lower Upper
146 100
111 45.3 30.4 56.4
148 65.0 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.982 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU055364.D
Acq: 18 Sep 2023 10:03

Tgt Ion:146 Resp: 194641
Ion Ratio Lower Upper
146 100
111 41.9 28.7 53.3
148 64.1 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.980 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

ClientSampleId :

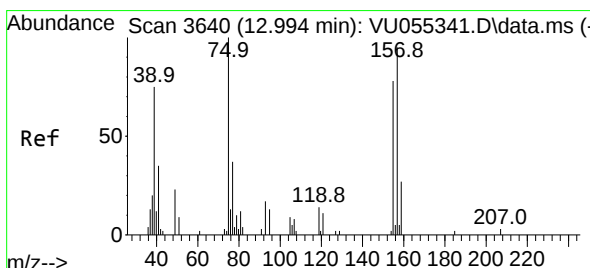
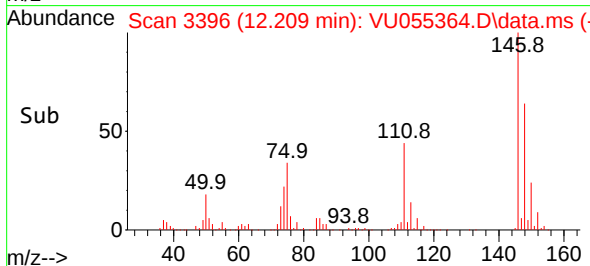
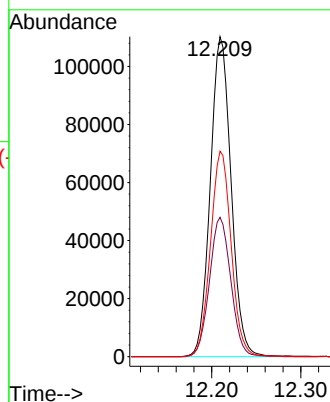
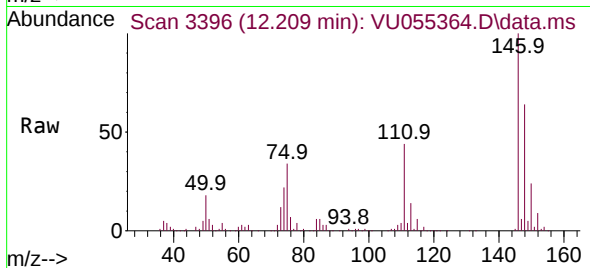
Tgt Ion:146 Resp: 178459

Ion Ratio Lower Upper

146 100

111 43.5 35.4 53.0

148 64.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.701 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

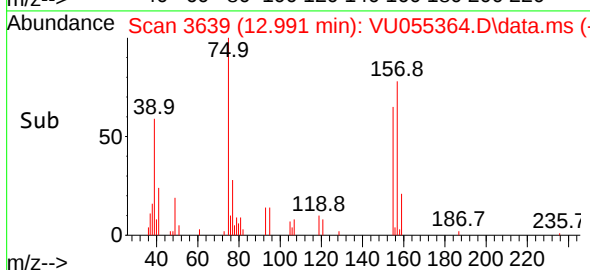
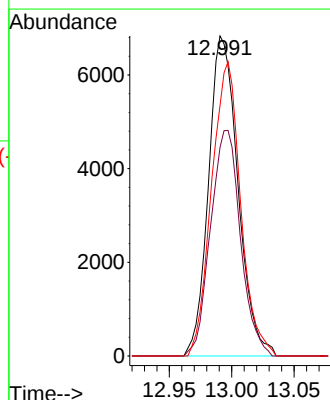
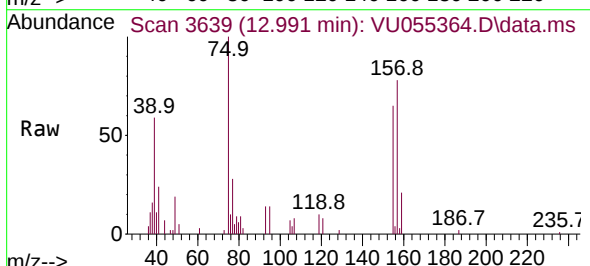
Tgt Ion: 75 Resp: 11220

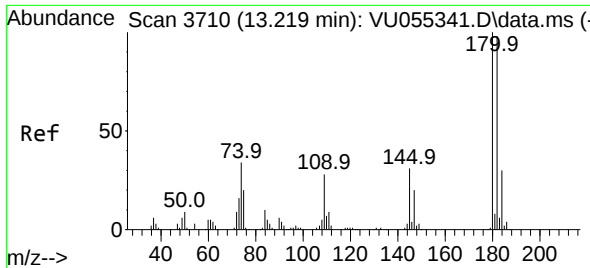
Ion Ratio Lower Upper

75 100

155 65.2 53.7 80.5

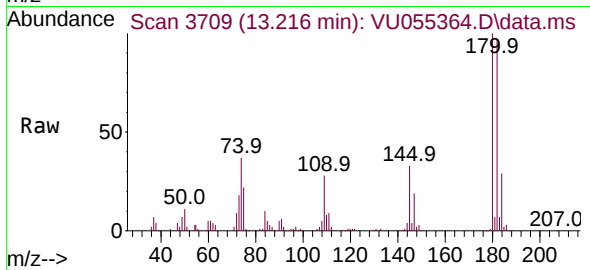
157 78.3 72.4 108.6



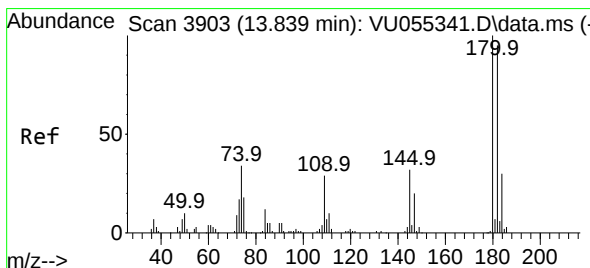
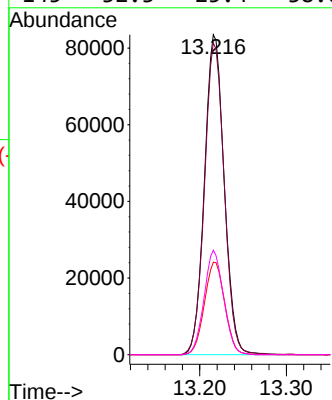
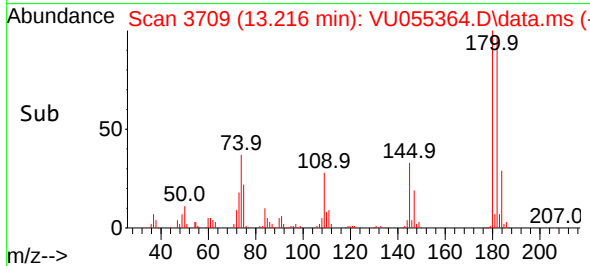


#69
 1,3,5-Trichlorobenzene
 Concen: 4.848 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU055364.D
 Acq: 18 Sep 2023 10:03

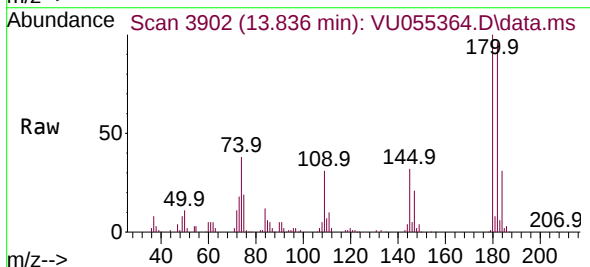
Instrument :
 MSVOA_U
 ClientSampleId :



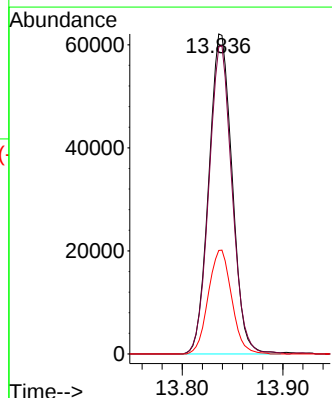
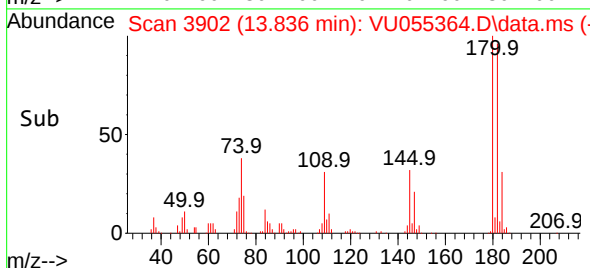
Tgt Ion:180 Resp: 132028
 Ion Ratio Lower Upper
 180 100
 182 97.5 77.4 116.2
 184 29.8 24.5 36.7
 145 32.3 25.4 38.0

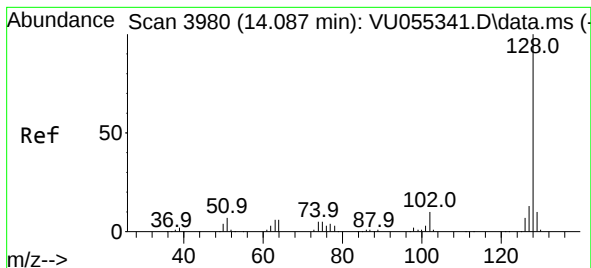


#70
 1,2,4-trichlorobenzene
 Concen: 4.781 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.003 min
 Lab File: VU055364.D
 Acq: 18 Sep 2023 10:03



Tgt Ion:180 Resp: 99923
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.3 114.5
 145 32.6 25.8 38.8





#71

Naphthalene

Concen: 4.936 ug/L

RT: 14.084 min Scan# 3980

Delta R.T. -0.003 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Instrument :

MSVOA_U

ClientSampleId :

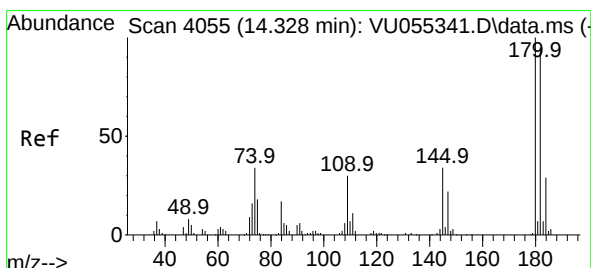
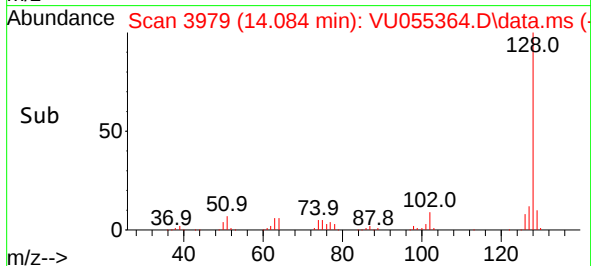
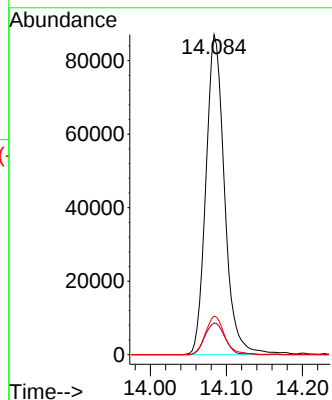
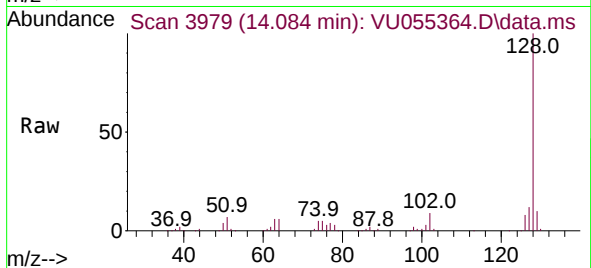
Tgt Ion:128 Resp: 148344

Ion Ratio Lower Upper

128 100

129 10.5 8.2 12.4

127 12.4 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.753 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.000 min

Lab File: VU055364.D

Acq: 18 Sep 2023 10:03

Tgt Ion:180 Resp: 85997

Ion Ratio Lower Upper

180 100

182 96.6 74.6 112.0

145 34.9 27.3 40.9

