

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091823\
 Data File : VU055365.D
 Acq On : 18 Sep 2023 10:37
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 01:03:30 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	216584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	221709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	123370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44089	3.542	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.911	69	59929	4.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	15247	3.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.631	46	211430	61.420	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.840%
24) Chloroform-d	5.059	84	127480	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.698	65	65007	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.724	84	186314	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.689	67	72992	4.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.898	98	141002	3.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.177	79	28064	4.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.634	63	140327	68.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.280%#
56) 1,1,2,2-Tetrachloroeth...	10.756	84	77408	5.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	72215	4.545	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	94380	4.567	ug/L	97
3) Chloromethane	1.515	50	94648	4.759	ug/L	98
5) Vinyl chloride	1.602	62	101470	4.725	ug/L	97
6) Bromomethane	1.856	94	74691	4.560	ug/L	96
8) Chloroethane	1.930	64	92001	5.326	ug/L	96
9) Trichlorofluoromethane	2.129	101	188754	5.493	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	82265	4.800	ug/L	99
12) 1,1-Dichloroethene	2.573	96	74612	4.900	ug/L	94
13) Acetone	2.644	43	116669	52.555	ug/L	97
14) Carbon disulfide	2.785	76	235477	4.891	ug/L	100
15) Methyl Acetate	2.953	43	29287	5.589	ug/L	91
16) Methylene chloride	3.039	84	95605	4.214	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	184960	5.066	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	81214	4.851	ug/L	98
19) 1,1-Dichloroethane	3.862	63	161610	4.962	ug/L	100
21) 2-Butanone	4.711	43	195371	53.160	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	96265	4.909	ug/L	97
23) Bromochloromethane	4.972	128	38123	4.783	ug/L	84
25) Chloroform	5.084	83	171380	4.859	ug/L	99

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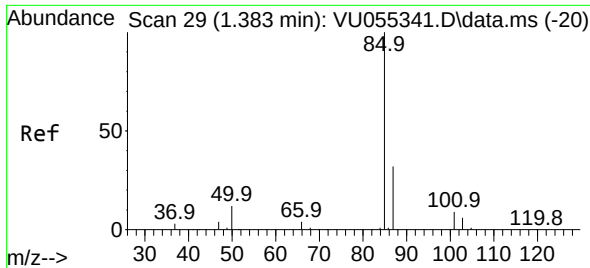
Quant Time: Sep 19 01:03:30 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	105133	4.808	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	147731	5.244	ug/L	98
30) Cyclohexane	5.383	56	139660	5.251	ug/L	100
31) Carbon tetrachloride	5.518	117	121461	5.069	ug/L	98
33) Benzene	5.772	78	373492	5.090	ug/L	100
34) Trichloroethene	6.538	95	100647	4.819	ug/L	96
35) Methylcyclohexane	6.763	83	154454	5.088	ug/L	99
37) 1,2-Dichloropropane	6.788	63	98302	5.101	ug/L	99
38) Bromodichloromethane	7.104	83	119072	5.178	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	138493	5.288	ug/L	100
40) 4-Methyl-2-pentanone	7.792	43	502706	54.974	ug/L	98
42) Toluene	7.968	91	411526	5.117	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	109541	5.334	ug/L	95
45) 1,1,2-Trichloroethane	8.396	97	67382	5.044	ug/L	96
47) Tetrachloroethene	8.550	164	70233	4.906	ug/L	97
48) 2-Hexanone	8.689	43	377604	54.790	ug/L	98
49) Dibromochloromethane	8.808	129	73711	5.393	ug/L	100
50) 1,2-Dibromoethane	8.920	107	65733	5.277	ug/L #	96
51) Chlorobenzene	9.444	112	254950	4.915	ug/L	98
52) Ethylbenzene	9.570	91	437776	4.958	ug/L	99
53) m,p-Xylene	9.692	106	170312	5.099	ug/L	97
54) o-Xylene	10.100	106	163717	5.166	ug/L	96
55) Styrene	10.113	104	275679	5.209	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	81877	5.573	ug/L	96
59) Bromoform	10.290	173	38300	5.333	ug/L	98
60) Isopropylbenzene	10.483	105	434143	4.820	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	58708	4.914	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	338637	4.891	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	349425	4.971	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	200491	4.831	ug/L	100
65) 1,4-Dichlorobenzene	11.836	146	200254	4.938	ug/L	98
67) 1,2-Dichlorobenzene	12.213	146	185089	4.975	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	11130	5.448	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	129854	4.593	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	98057	4.519	ug/L	99
71) Naphthalene	14.084	128	153172	4.910	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	87168	4.641	ug/L	100

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

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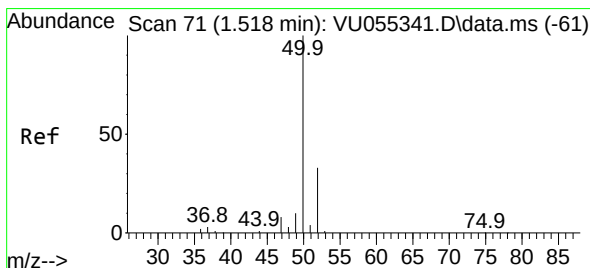
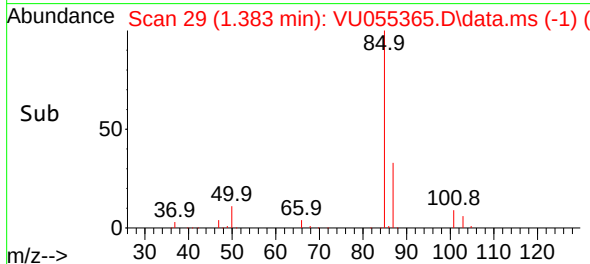
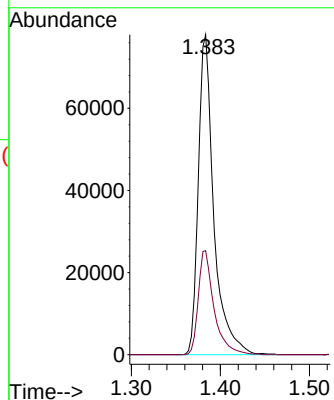
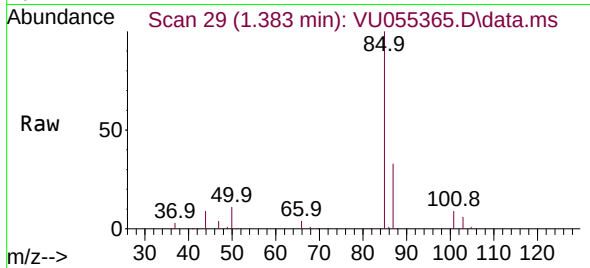




#2
 Dichlorodifluoromethane
 Concen: 4.567 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055365.D
 Acq: 18 Sep 2023 10:37

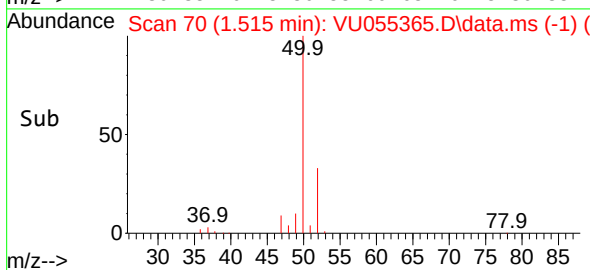
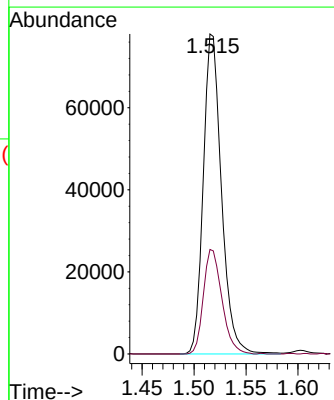
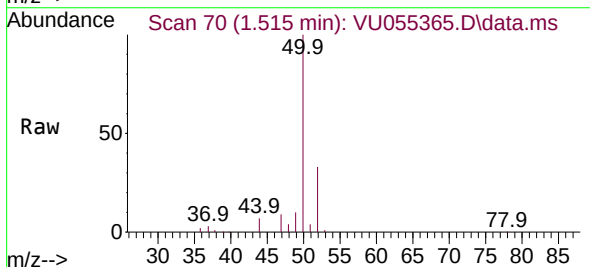
Instrument :
 MSVOA_U
 ClientSampleId :

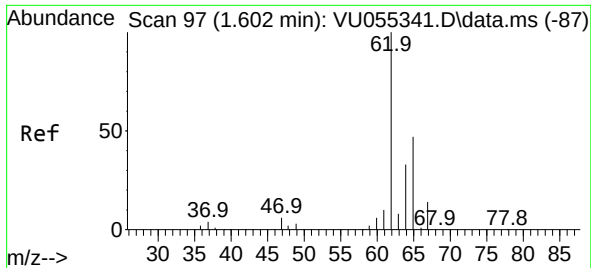
Tgt Ion: 85 Resp: 94380
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.3 37.9



#3
 Chloromethane
 Concen: 4.759 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055365.D
 Acq: 18 Sep 2023 10:37

Tgt Ion: 50 Resp: 94648
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.0 40.8

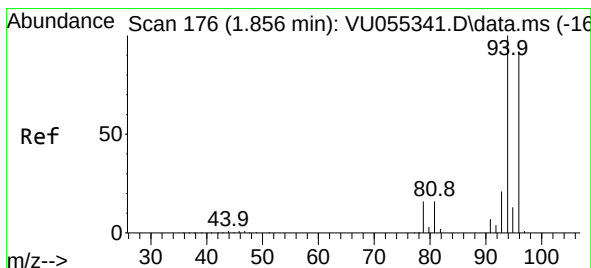
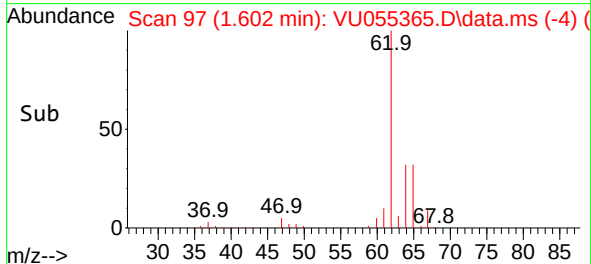
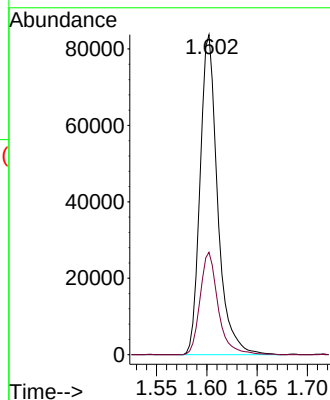
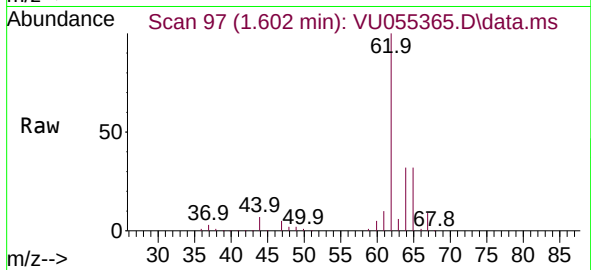




#5
Vinyl chloride
Concen: 4.725 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

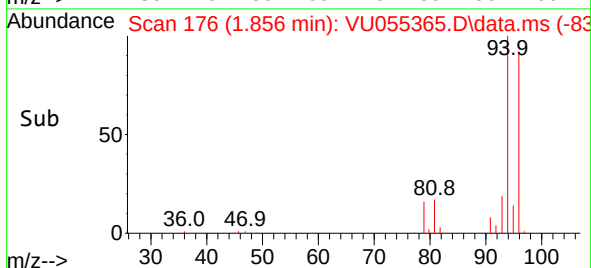
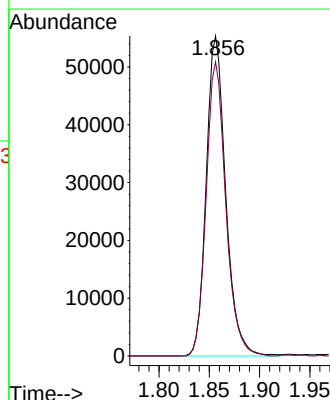
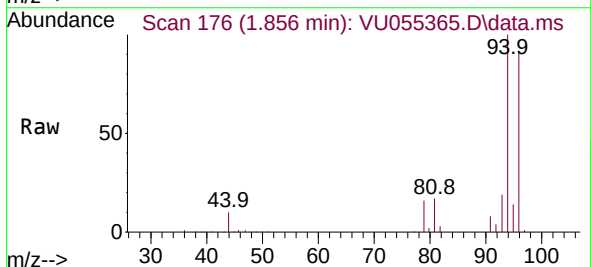
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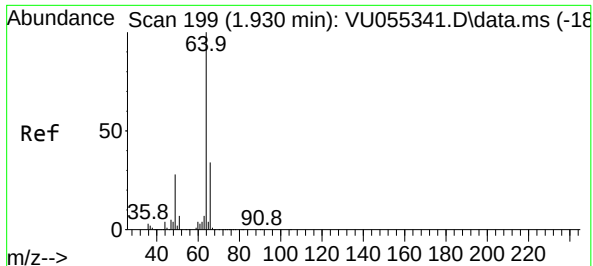
Tgt Ion: 62 Resp: 101470
Ion Ratio Lower Upper
62 100
64 32.0 23.4 43.6



#6
Bromomethane
Concen: 4.560 ug/L
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

Tgt Ion: 94 Resp: 74691
Ion Ratio Lower Upper
94 100
96 91.9 66.9 124.3

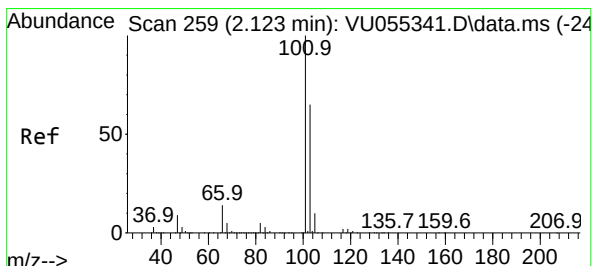
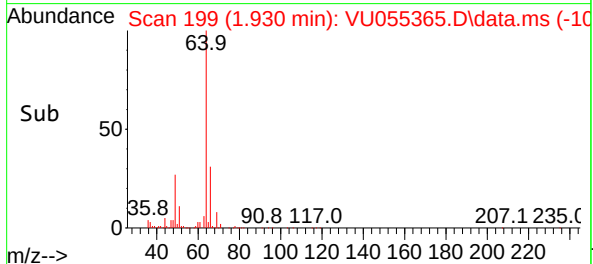
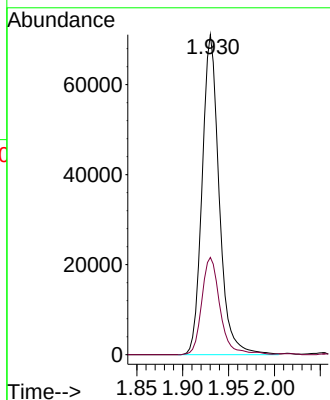
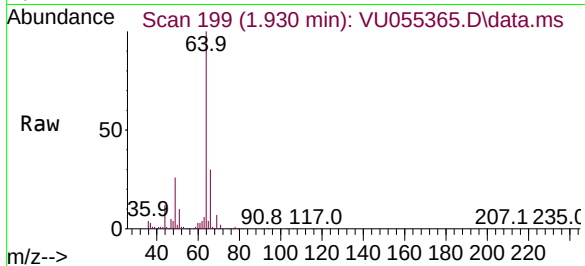




#8
Chloroethane
Concen: 5.326 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

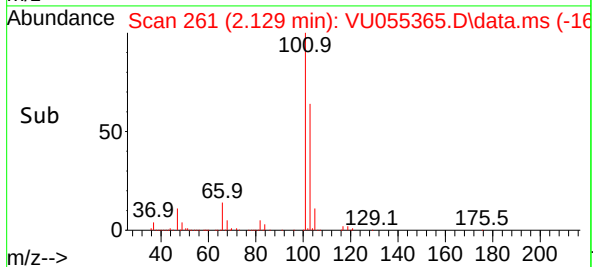
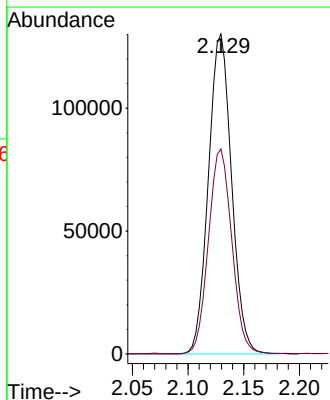
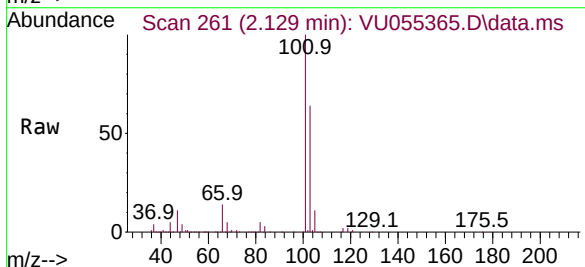
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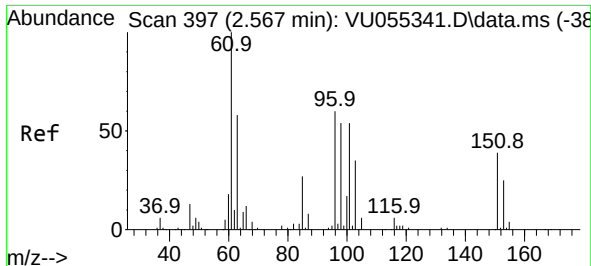
Tgt Ion: 64 Resp: 92001
Ion Ratio Lower Upper
64 100
66 30.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.493 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.007 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

Tgt Ion: 101 Resp: 188754
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

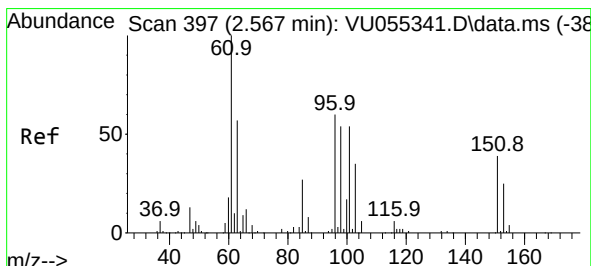
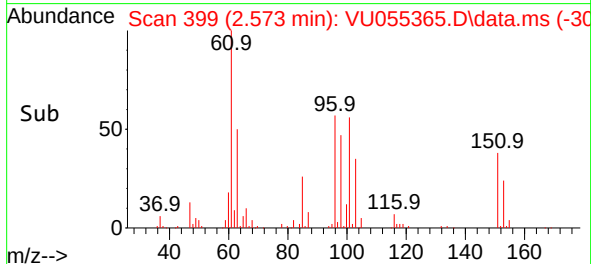
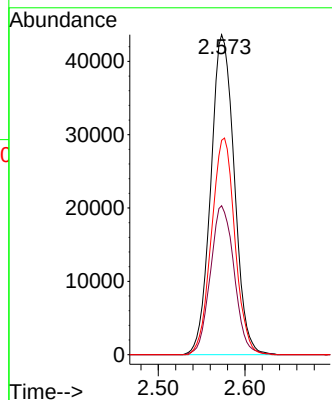
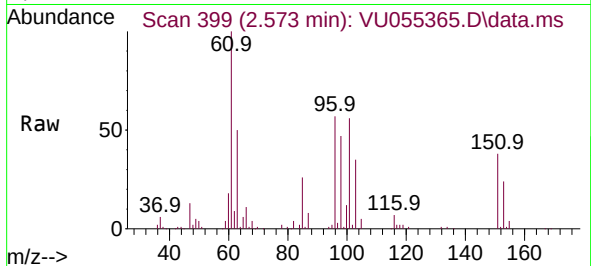




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.800 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.007 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

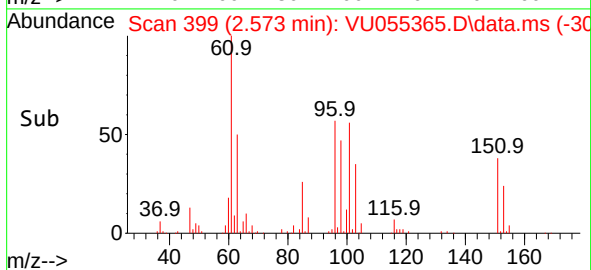
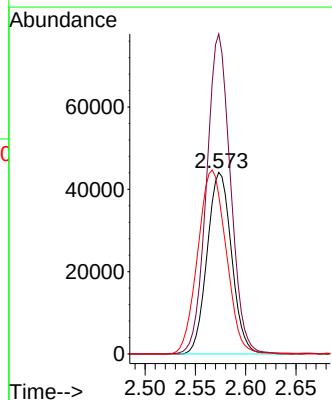
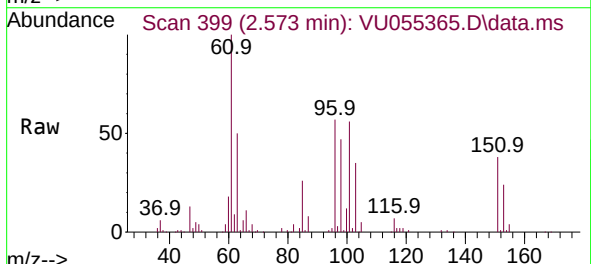
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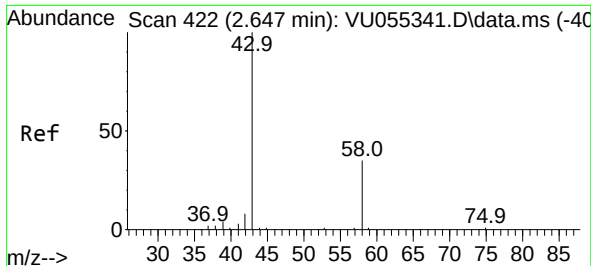
Tgt Ion:101 Resp: 82265
Ion Ratio Lower Upper
101 100
85 47.1 36.5 54.7
151 67.6 53.8 80.8



#12
1,1-Dichloroethene
Concen: 4.900 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.007 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

Tgt Ion: 96 Resp: 74612
Ion Ratio Lower Upper
96 100
61 176.2 122.8 228.0
63 87.5 71.7 133.3





#13

Acetone

Concen: 52.555 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

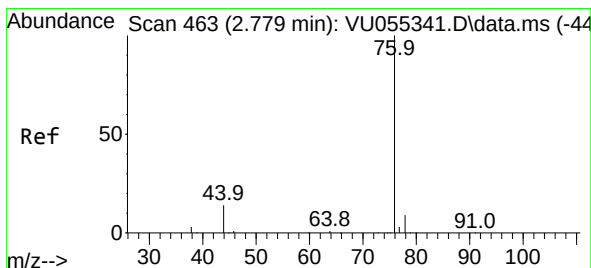
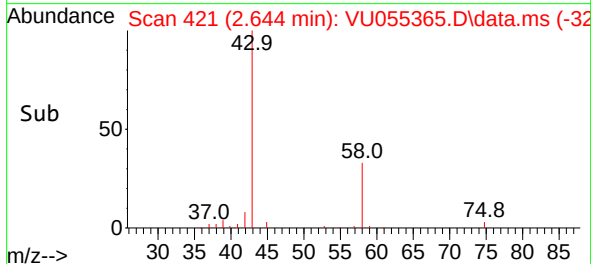
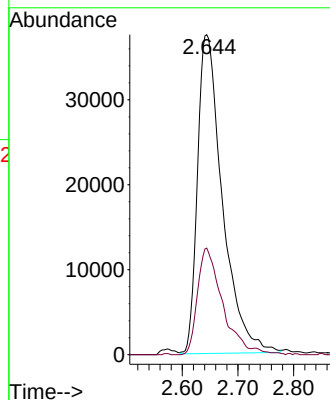
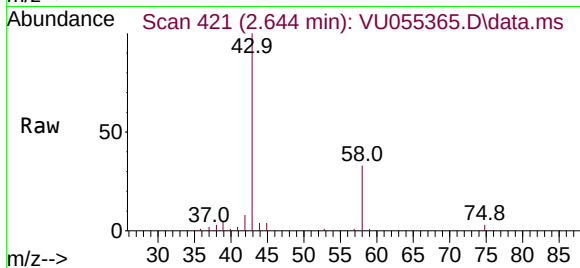
ClientSampleId :

Tgt Ion: 43 Resp: 116669

Ion Ratio Lower Upper

43 100

58 32.7 0.0 68.4



#14

Carbon disulfide

Concen: 4.891 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.007 min

Lab File: VU055365.D

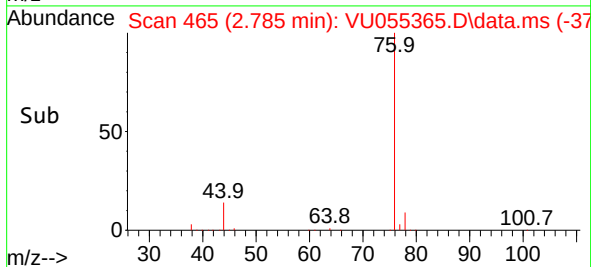
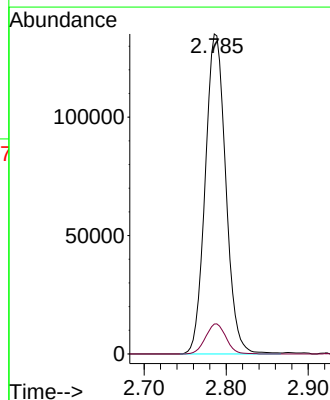
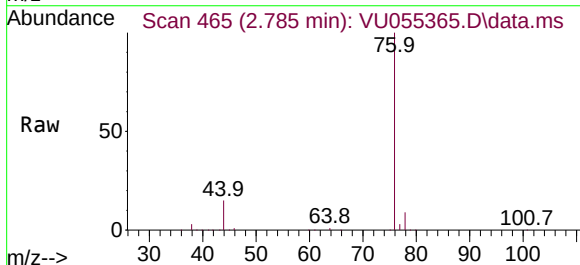
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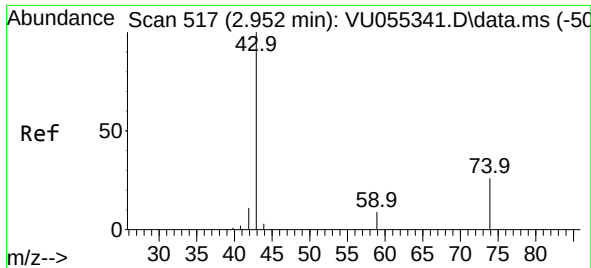
Tgt Ion: 76 Resp: 235477

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

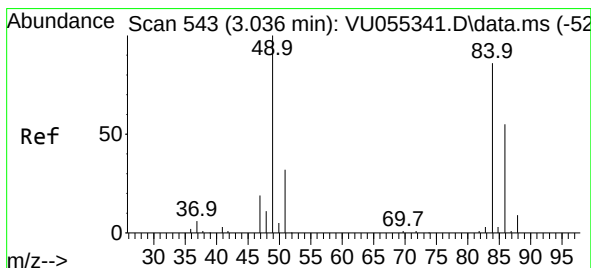
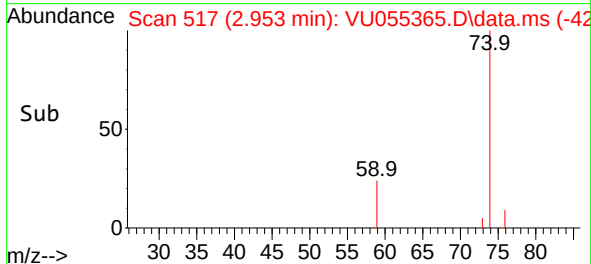
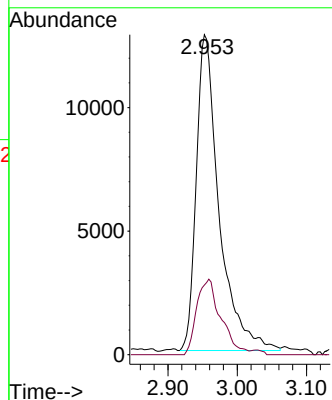
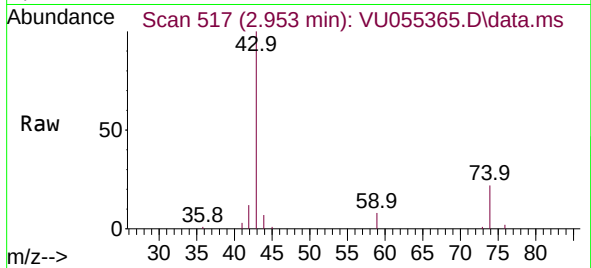




#15
Methyl Acetate
Concen: 5.589 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

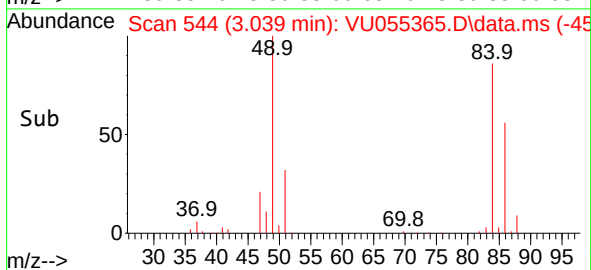
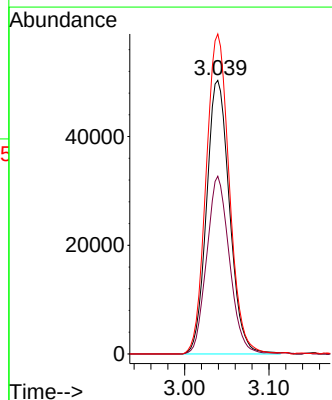
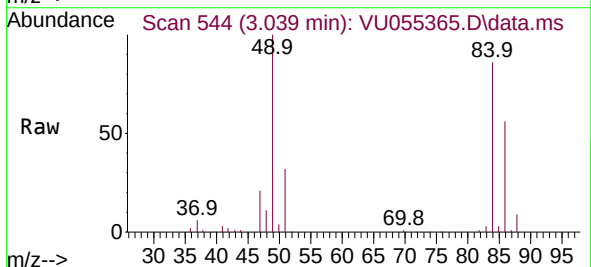
Instrument :
MSVOA_U
ClientSampleId :

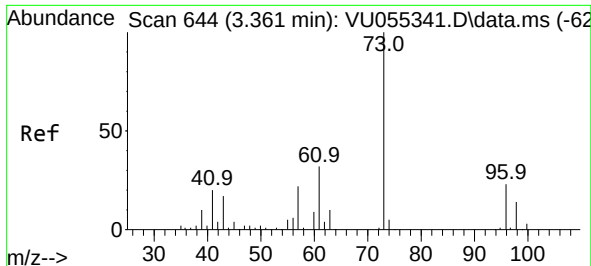
Tgt Ion: 43 Resp: 29287
Ion Ratio Lower Upper
43 100
74 25.2 23.9 35.9



#16
Methylene chloride
Concen: 4.214 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

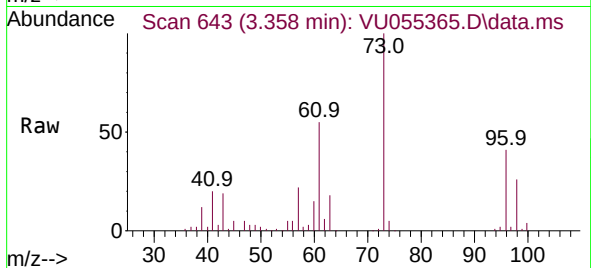
Tgt Ion: 84 Resp: 95605
Ion Ratio Lower Upper
84 100
86 65.0 42.4 78.8
49 116.9 79.9 148.3



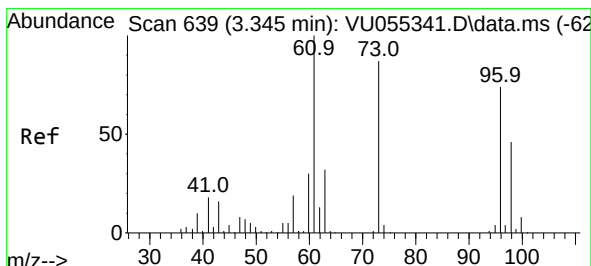
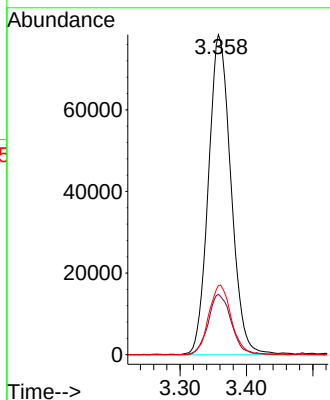
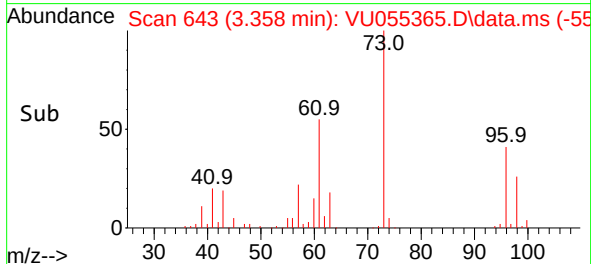


#17
Methyl tert-butyl Ether
Concen: 5.066 ug/L
RT: 3.358 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

Instrument :
MSVOA_U
ClientSampleId :

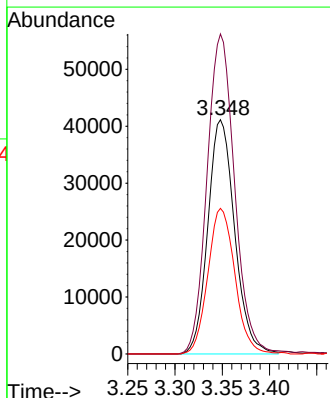
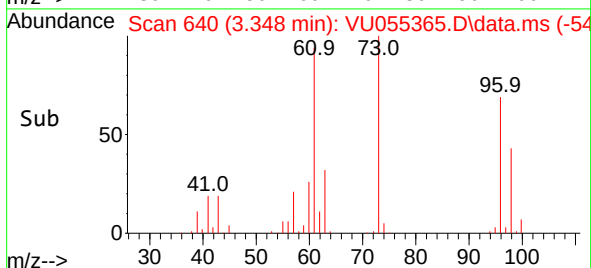
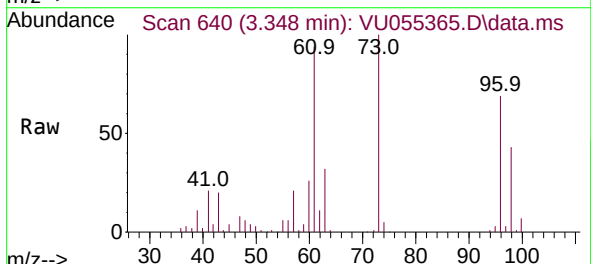


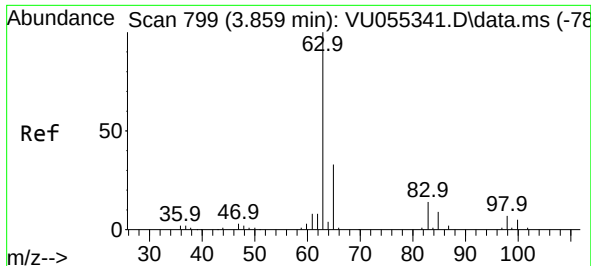
Tgt Ion: 73 Resp: 184960
Ion Ratio Lower Upper
73 100
43 19.4 16.0 24.0
57 21.7 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.851 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

Tgt Ion: 96 Resp: 81214
Ion Ratio Lower Upper
96 100
61 136.6 97.4 181.0
98 62.2 44.6 82.8





#19

1,1-Dichloroethane

Concen: 4.962 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU055365.D

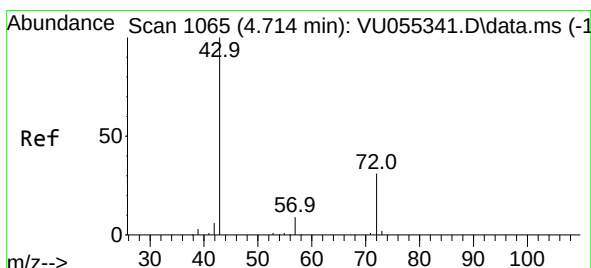
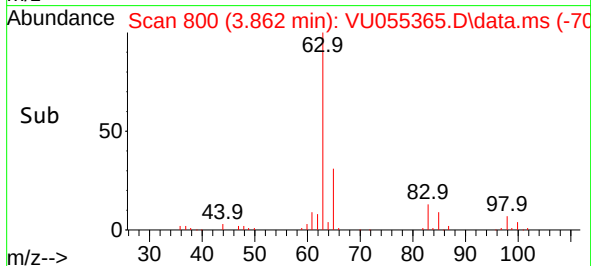
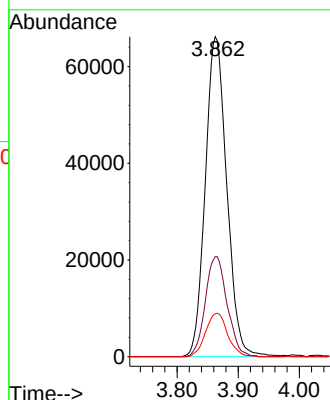
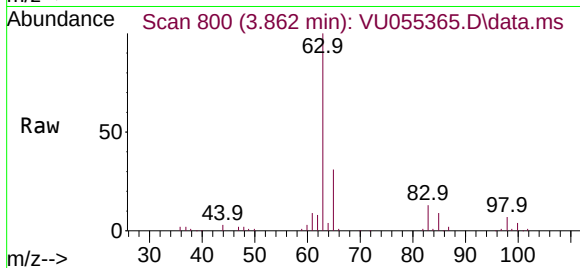
Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 161610
Ion Ratio	Lower Upper
63 100	
65 31.2	21.8 40.6
83 13.4	9.7 17.9



#21

2-Butanone

Concen: 53.160 ug/L

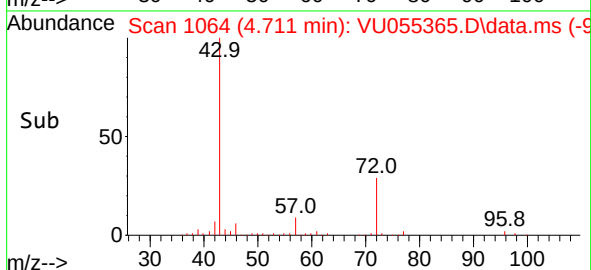
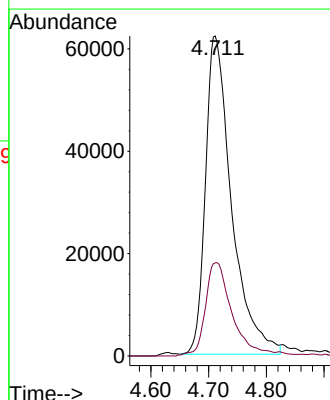
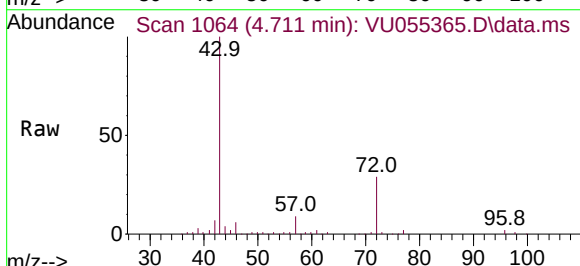
RT: 4.711 min Scan# 1064

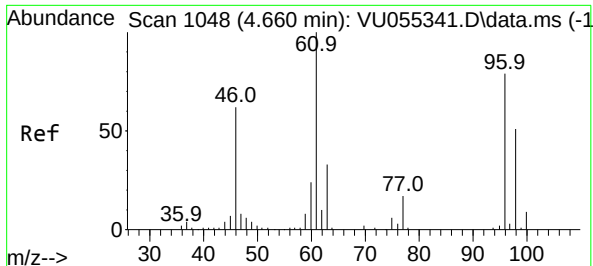
Delta R.T. -0.003 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

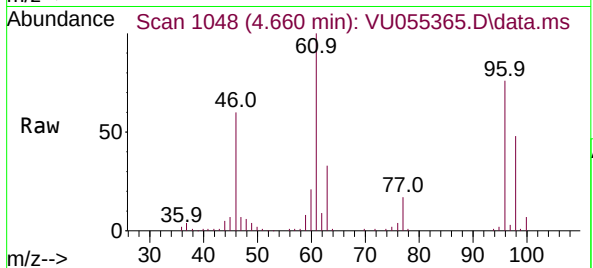
Tgt Ion: 43	Resp: 195371
Ion Ratio	Lower Upper
43 100	
72 29.7	15.2 45.5





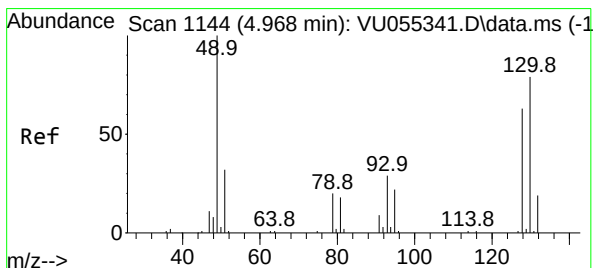
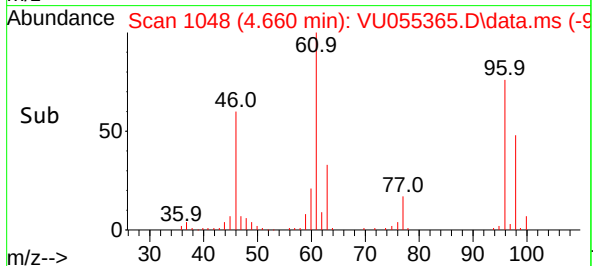
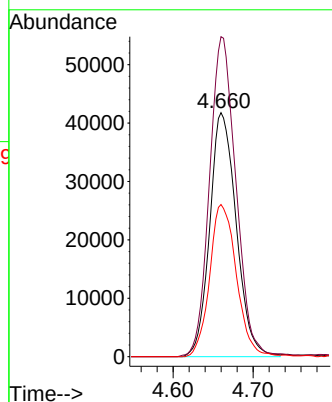
#22
 cis-1,2-Dichloroethene
 Concen: 4.909 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU055365.D
 Acq: 18 Sep 2023 10:37

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 96265

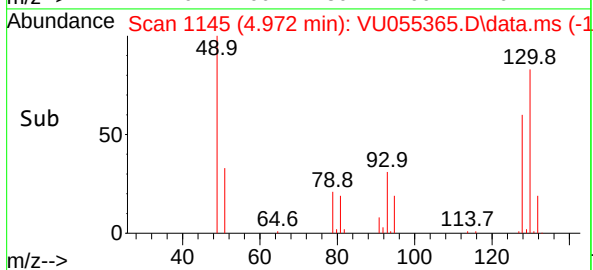
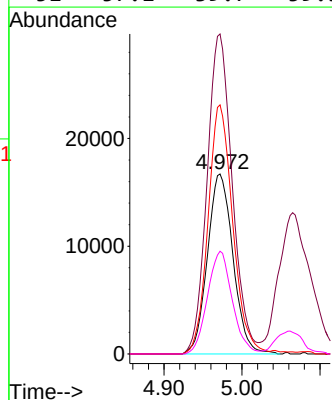
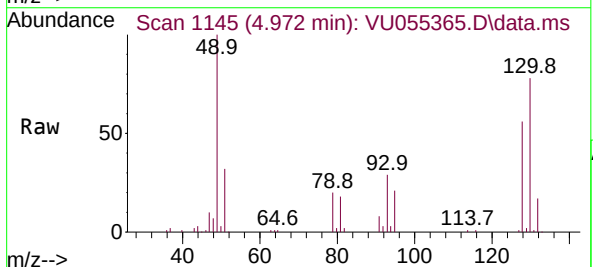
Ion	Ratio	Lower	Upper
96	100		
61	131.2	88.1	163.7
98	62.4	43.5	80.7

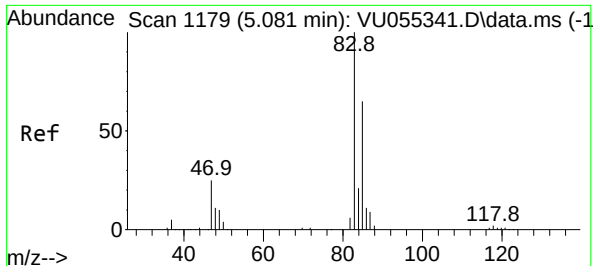


#23
 Bromochloromethane
 Concen: 4.783 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU055365.D
 Acq: 18 Sep 2023 10:37

Tgt Ion:128 Resp: 38123

Ion	Ratio	Lower	Upper
128	100		
49	177.7	108.1	200.9
130	138.3	84.3	156.5
51	57.1	39.7	59.5





#25

Chloroform

Concen: 4.859 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

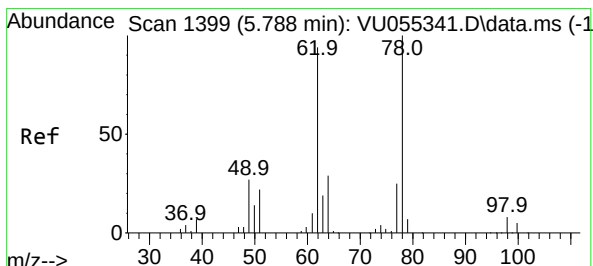
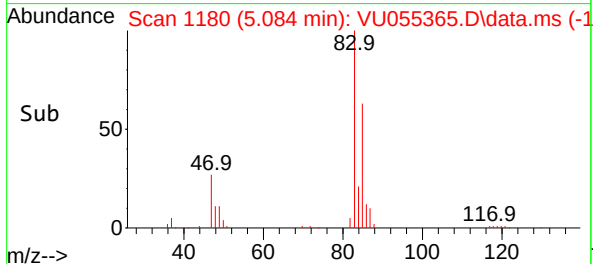
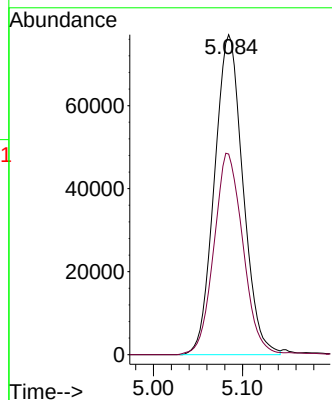
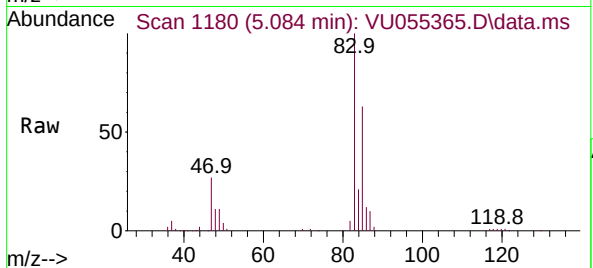
ClientSampleId :

Tgt Ion: 83 Resp: 171380

Ion Ratio Lower Upper

83 100

85 62.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 4.808 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU055365.D

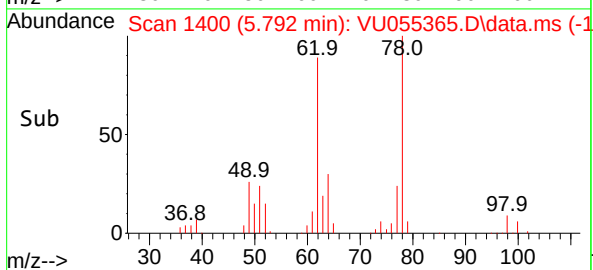
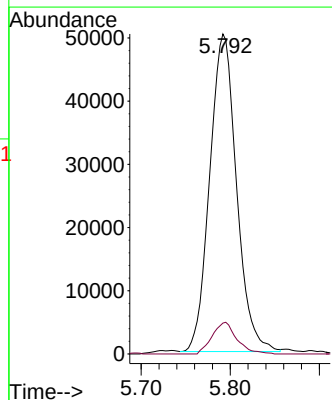
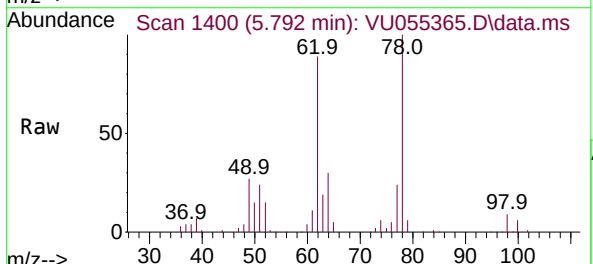
Acq: 18 Sep 2023 10:37

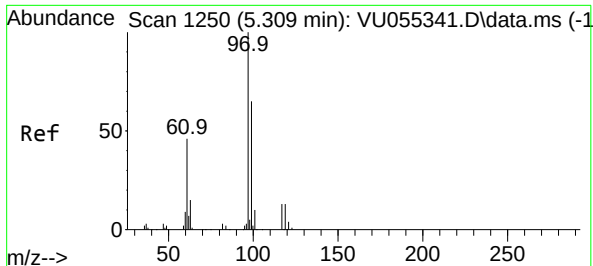
Tgt Ion: 62 Resp: 105133

Ion Ratio Lower Upper

62 100

98 9.6 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.244 ug/L

RT: 5.313 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

ClientSampleId :

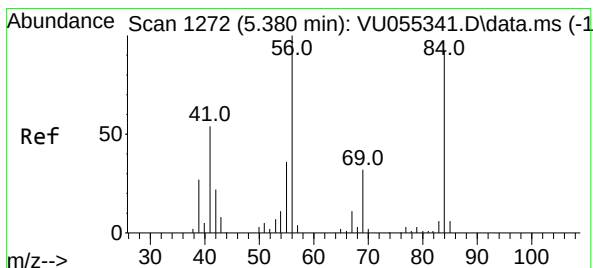
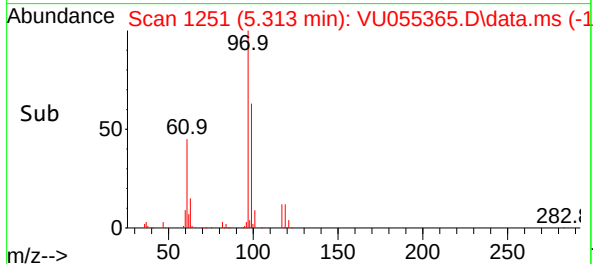
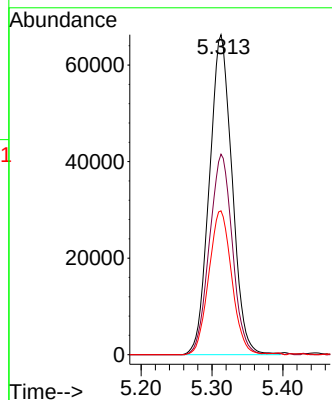
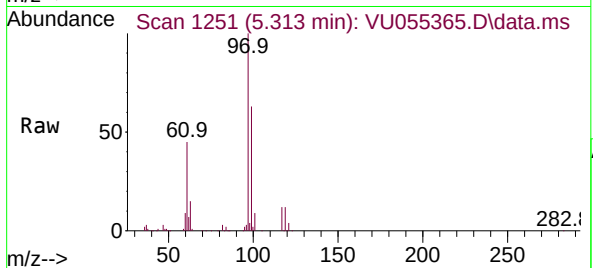
Tgt Ion: 97 Resp: 147731

Ion Ratio Lower Upper

97 100

99 63.3 51.2 76.8

61 45.4 37.6 56.4



#30

Cyclohexane

Concen: 5.251 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

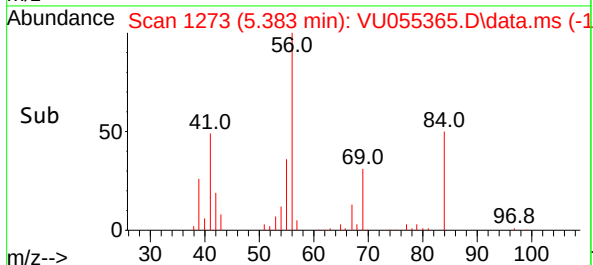
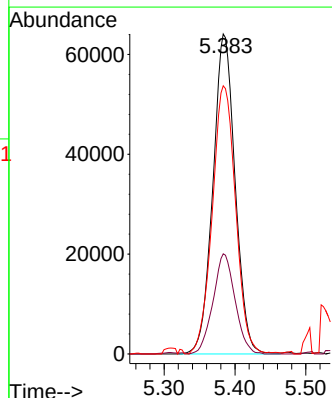
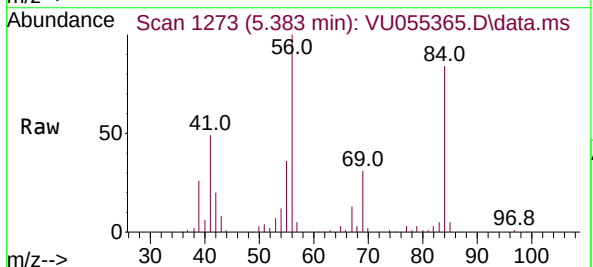
Tgt Ion: 56 Resp: 139660

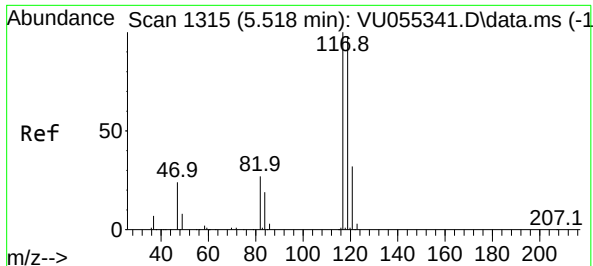
Ion Ratio Lower Upper

56 100

69 31.0 25.0 37.6

84 87.9 70.2 105.4

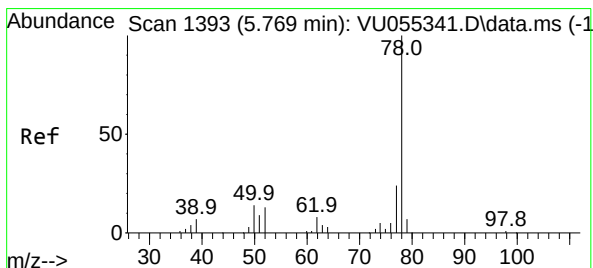
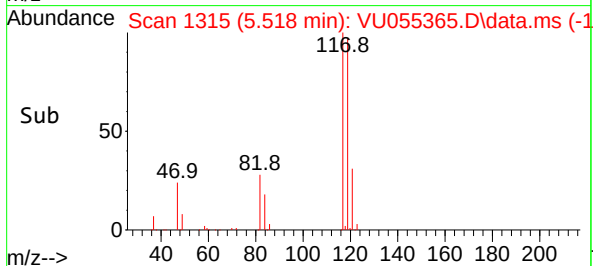
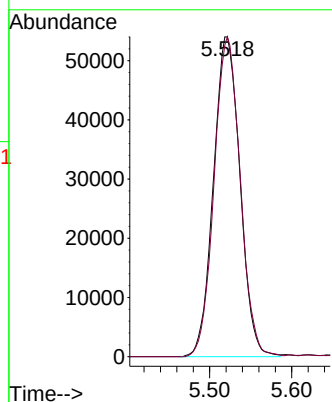
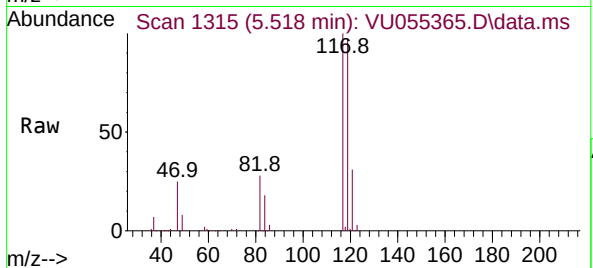




#31
Carbon tetrachloride
Concen: 5.069 ug/L
RT: 5.518 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

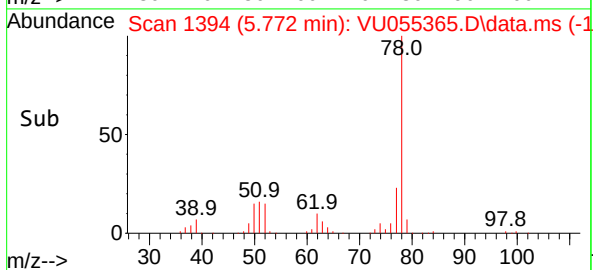
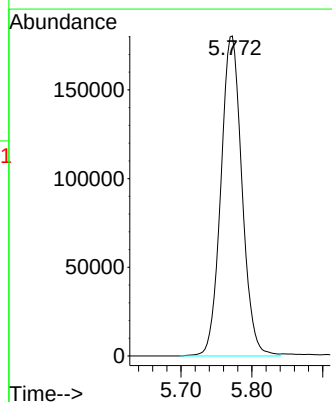
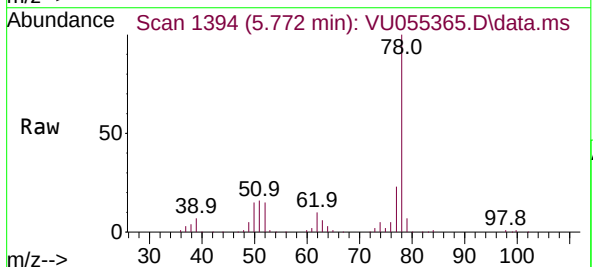
Instrument :
MSVOA_U
ClientSampleId :

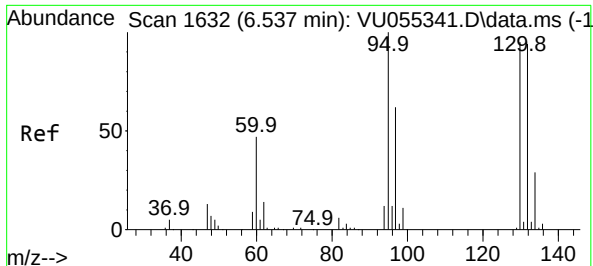
Tgt Ion:117 Resp: 121461
Ion Ratio Lower Upper
117 100
119 98.5 77.5 116.3



#33
Benzene
Concen: 5.090 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

Tgt Ion: 78 Resp: 373492





#34

Trichloroethene

Concen: 4.819 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 100647

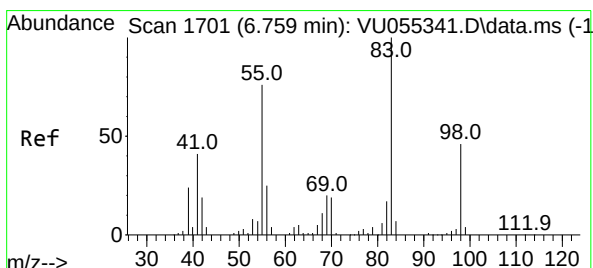
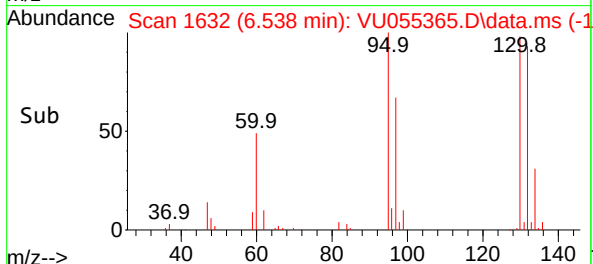
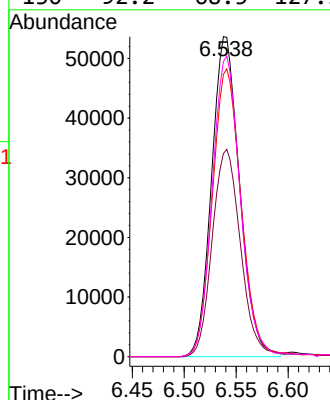
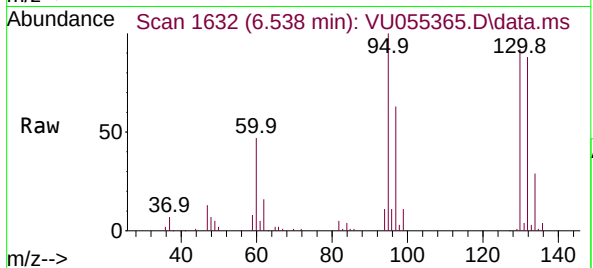
Ion Ratio Lower Upper

95 100

97 63.5 47.4 88.0

132 88.2 60.5 112.3

130 92.2 68.5 127.1



#35

Methylcyclohexane

Concen: 5.088 ug/L

RT: 6.763 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

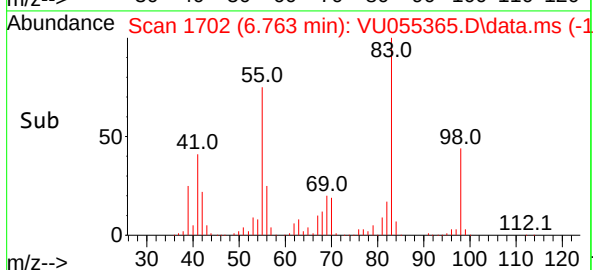
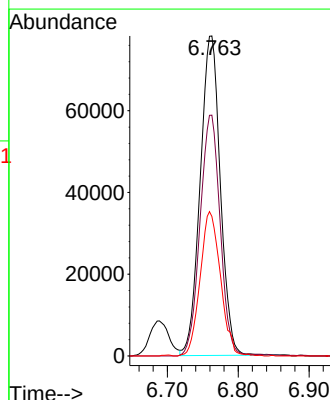
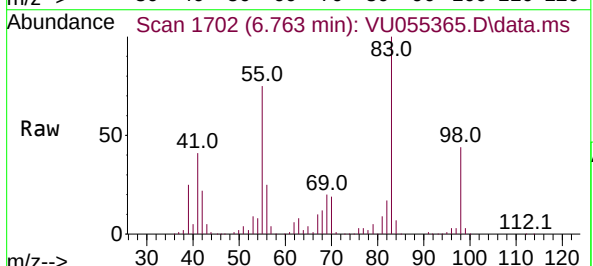
Tgt Ion: 83 Resp: 154454

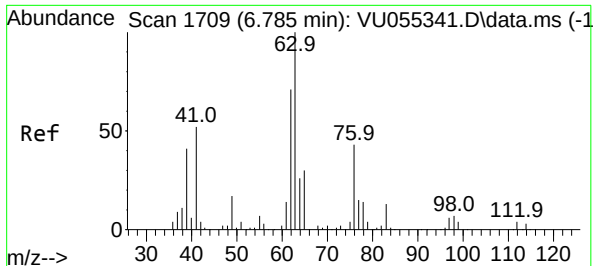
Ion Ratio Lower Upper

83 100

55 75.1 58.7 88.1

98 45.6 36.3 54.5

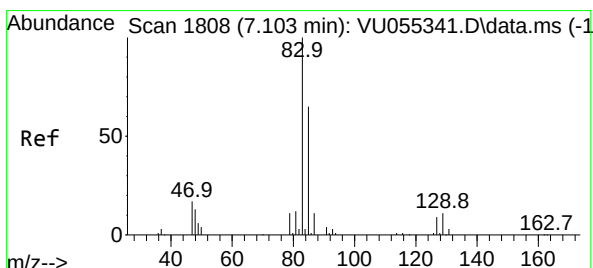
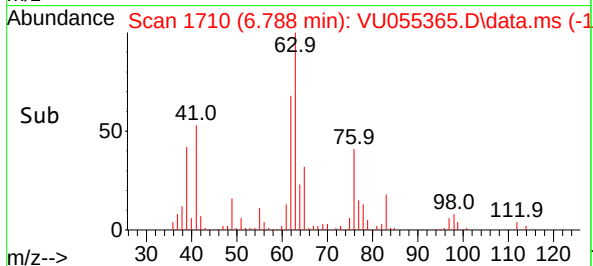
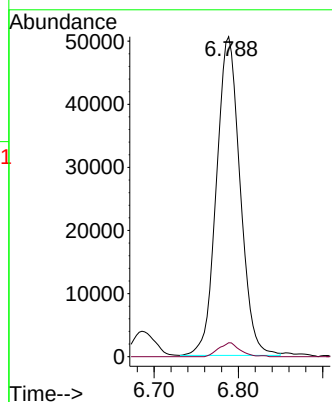
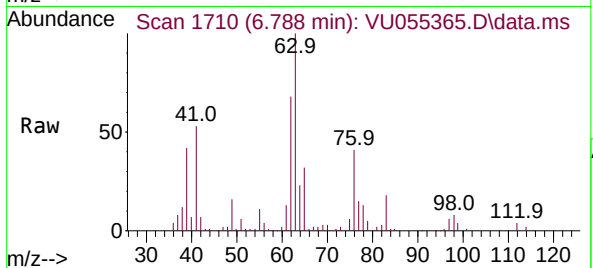




#37
1,2-Dichloropropane
Concen: 5.101 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

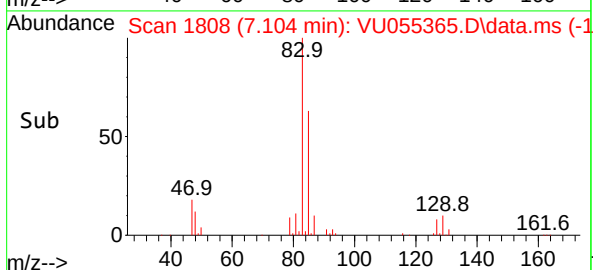
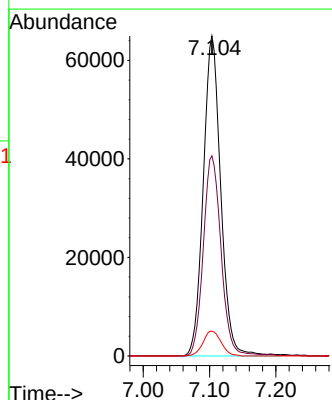
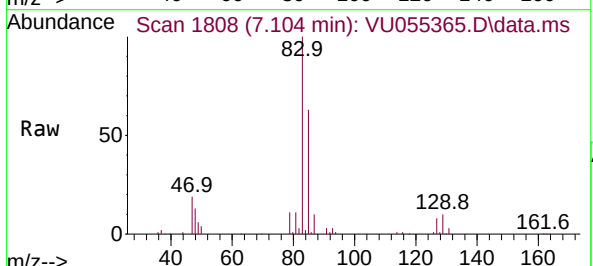
Instrument :
MSVOA_U
ClientSampleId :

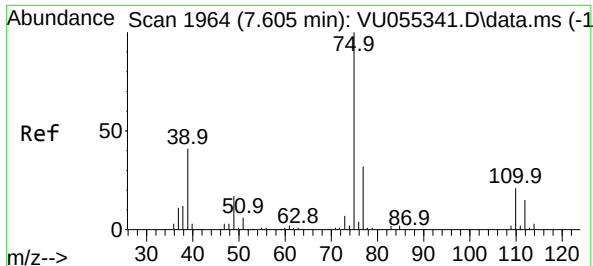
Tgt Ion: 63 Resp: 98302
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.4



#38
Bromodichloromethane
Concen: 5.178 ug/L
RT: 7.104 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

Tgt Ion: 83 Resp: 119072
Ion Ratio Lower Upper
83 100
85 62.5 46.3 85.9
127 7.8 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 5.288 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

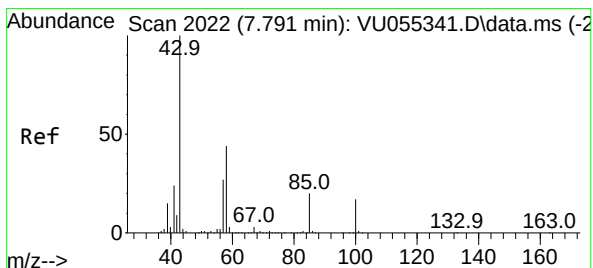
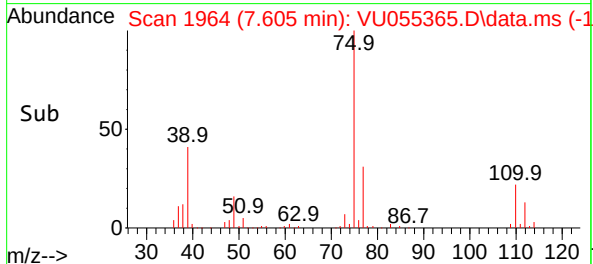
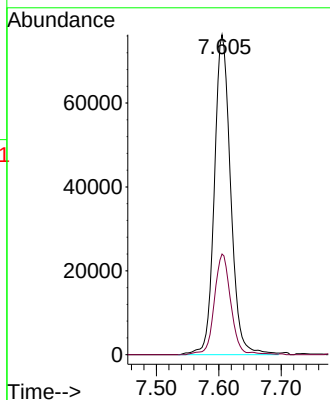
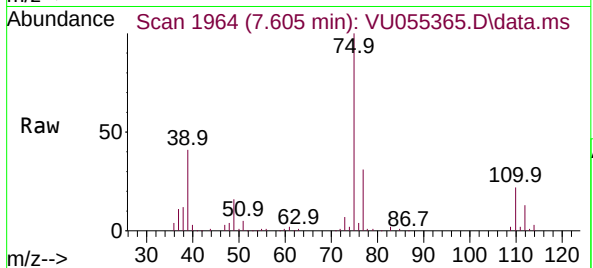
ClientSampleId :

Tgt Ion: 75 Resp: 138493

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 54.974 ug/L

RT: 7.792 min Scan# 2022

Delta R.T. 0.000 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

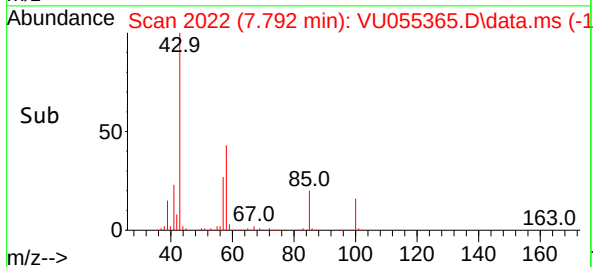
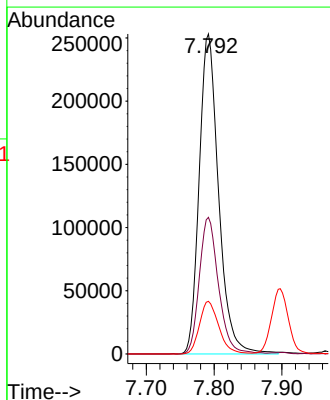
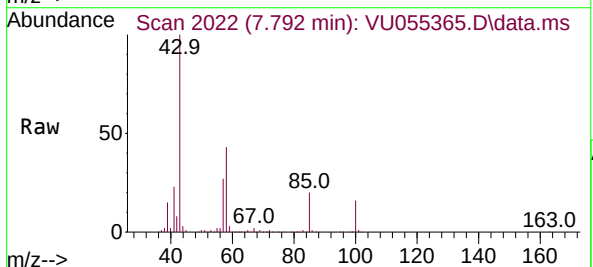
Tgt Ion: 43 Resp: 502706

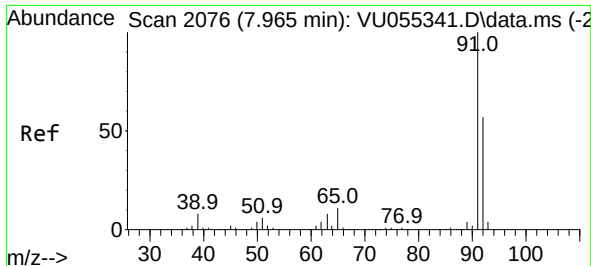
Ion Ratio Lower Upper

43 100

58 42.3 32.9 49.3

100 16.4 12.9 19.3





#42

Toluene

Concen: 5.117 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

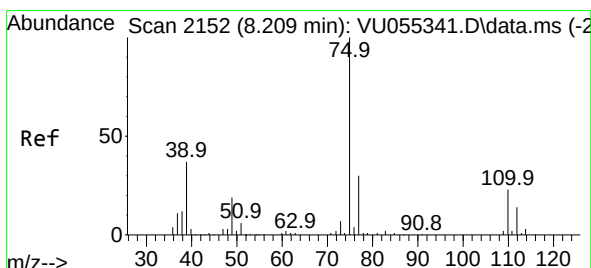
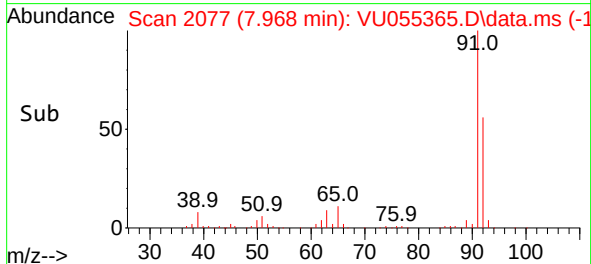
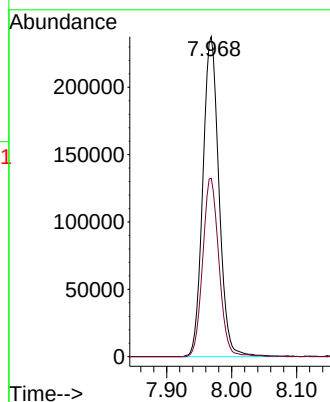
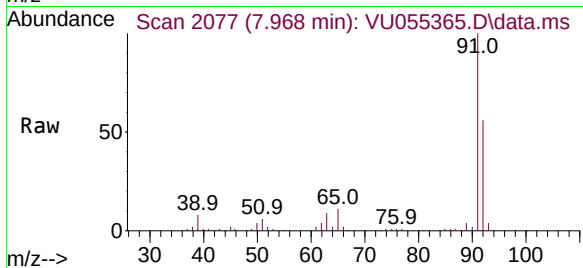
ClientSampleId :

Tgt Ion: 91 Resp: 411526

Ion Ratio Lower Upper

91 100

92 55.8 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.334 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055365.D

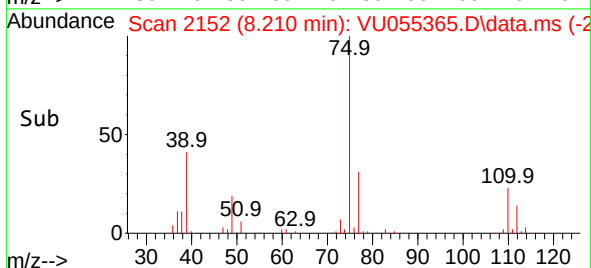
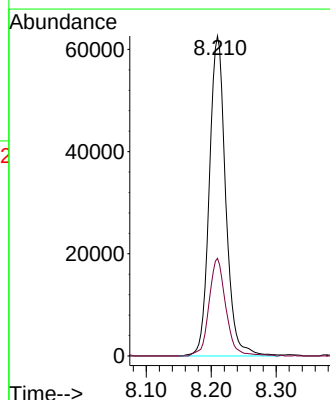
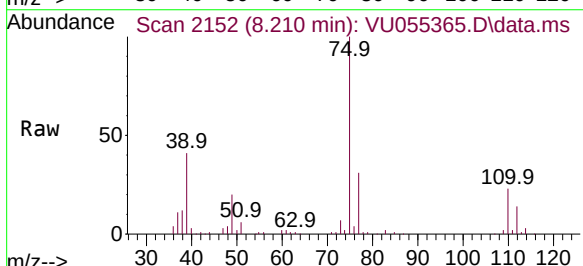
Acq: 18 Sep 2023 10:37

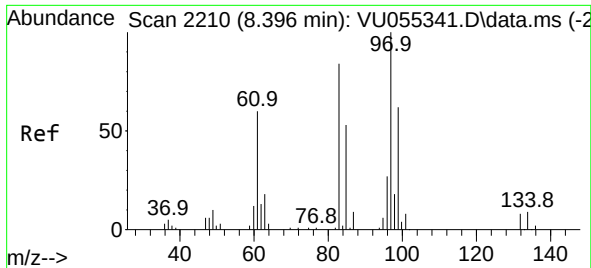
Tgt Ion: 75 Resp: 109541

Ion Ratio Lower Upper

75 100

77 30.5 23.2 43.0

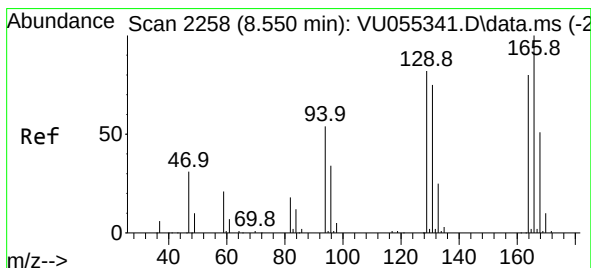
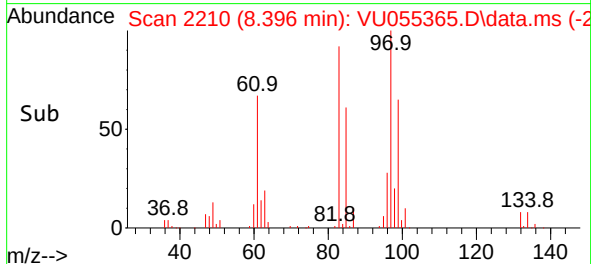
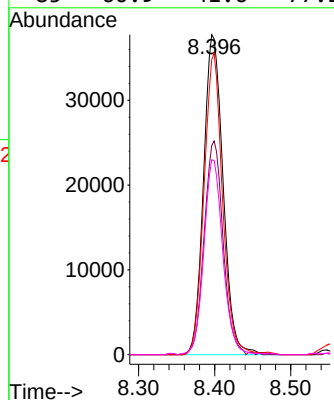
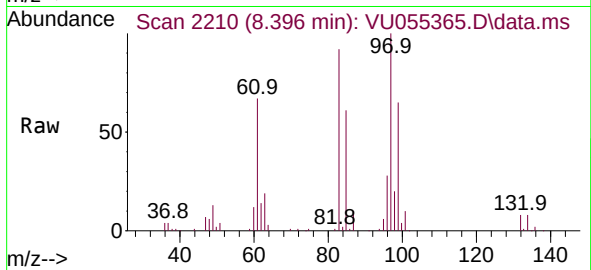




#45
1,1,2-Trichloroethane
Concen: 5.044 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

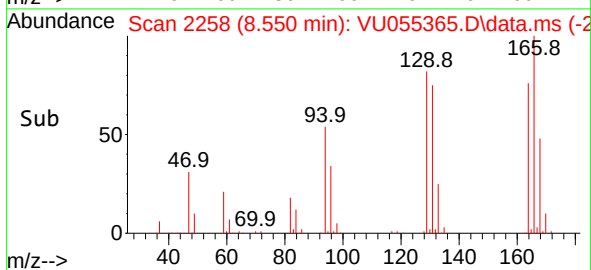
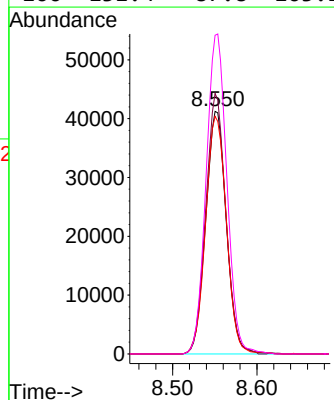
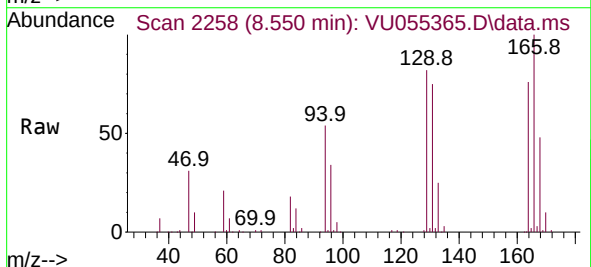
Instrument :
MSVOA_U
ClientSampleId :

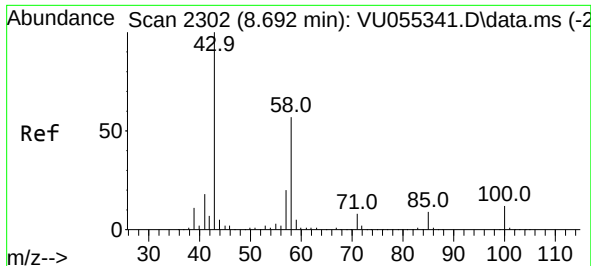
Tgt Ion:	97	Resp:	67382
Ion	Ratio	Lower	Upper
97	100		
99	65.3	42.4	78.6
83	92.2	61.3	113.9
85	60.9	41.6	77.2



#47
Tetrachloroethene
Concen: 4.906 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

Tgt Ion:	164	Resp:	70233
Ion	Ratio	Lower	Upper
164	100		
129	107.3	76.3	141.7
131	97.9	69.1	128.3
166	131.4	87.8	163.2





#48

2-Hexanone

Concen: 54.790 ug/L

RT: 8.689 min Scan# 21

Delta R.T. -0.003 min

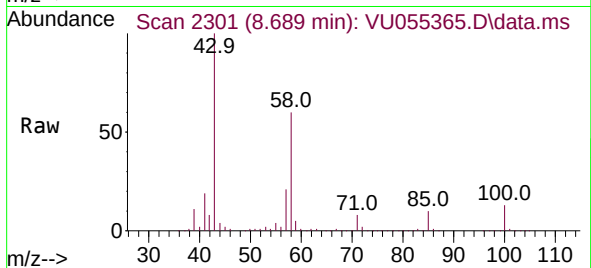
Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 377604

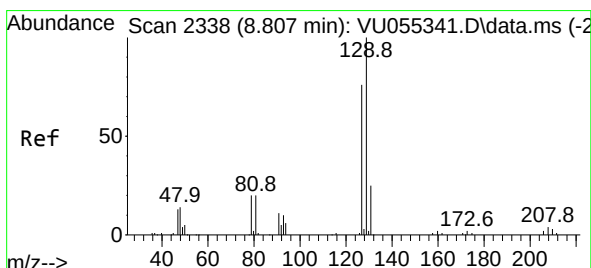
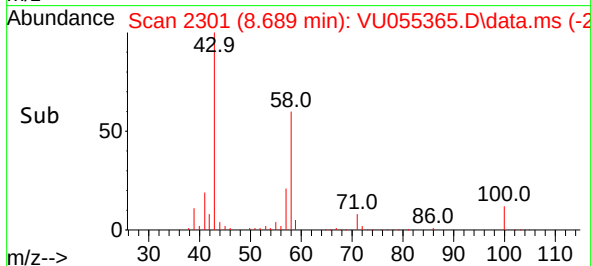
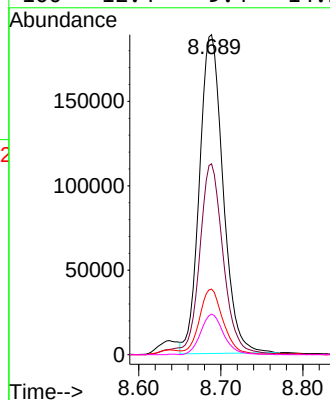
Ion Ratio Lower Upper

43 100

58 60.9 47.8 71.6

57 20.4 15.4 23.2

100 12.4 9.4 14.2



#49

Dibromochloromethane

Concen: 5.393 ug/L

RT: 8.808 min Scan# 2338

Delta R.T. 0.000 min

Lab File: VU055365.D

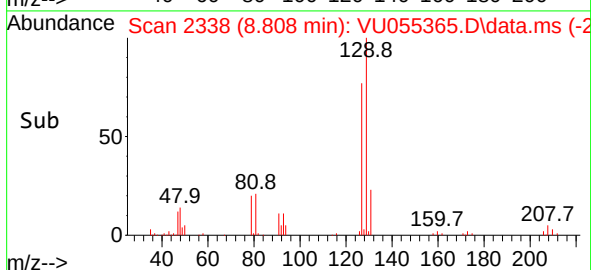
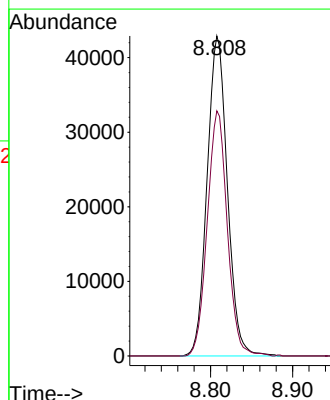
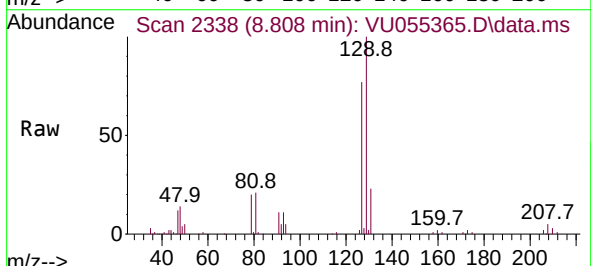
Acq: 18 Sep 2023 10:37

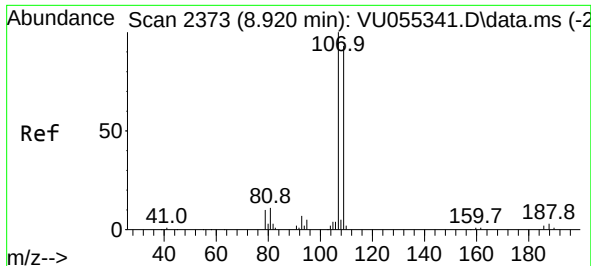
Tgt Ion:129 Resp: 73711

Ion Ratio Lower Upper

129 100

127 76.6 53.4 99.2





#50

1,2-Dibromoethane

Concen: 5.277 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055365.D

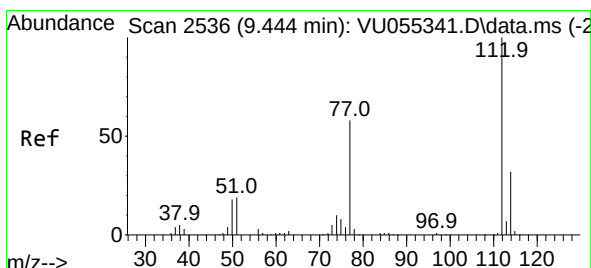
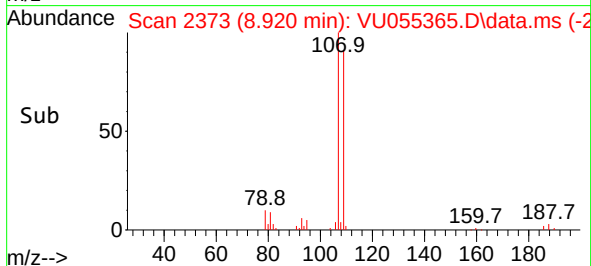
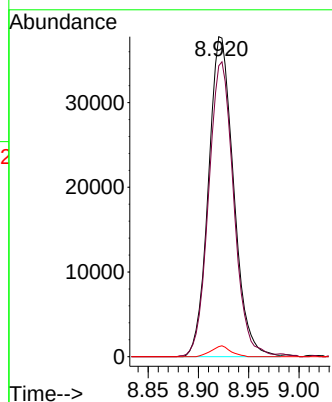
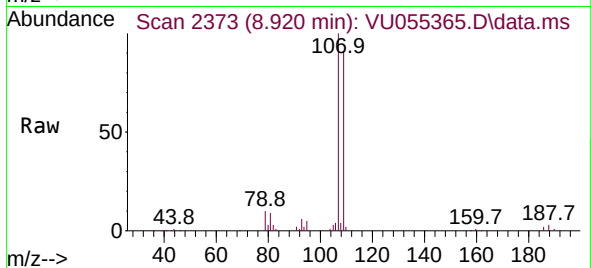
Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	65733
Ion	Ratio	Lower	Upper
107	100		
109	90.9	66.6	123.8
188	3.2	2.1	3.1#



#51

Chlorobenzene

Concen: 4.915 ug/L

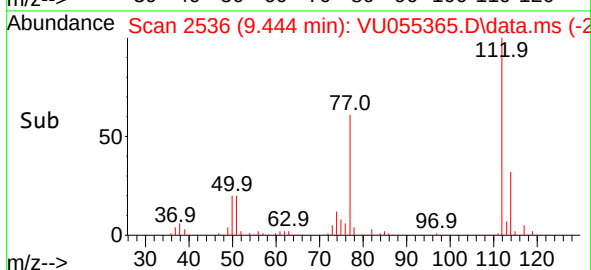
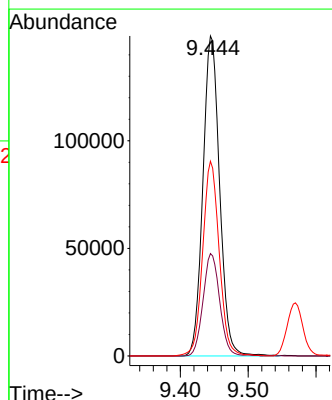
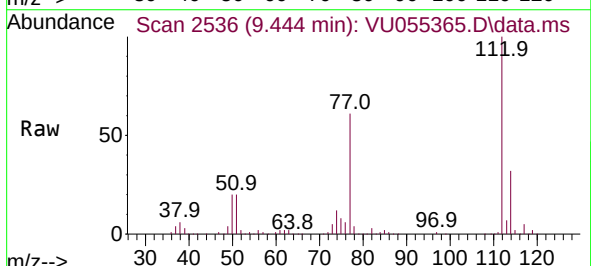
RT: 9.444 min Scan# 2536

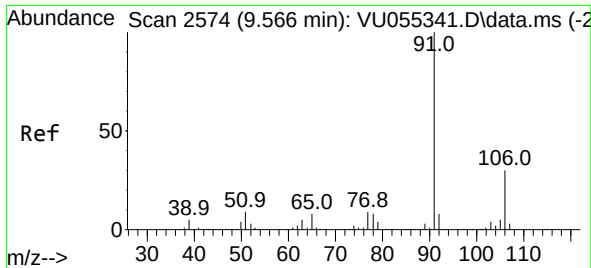
Delta R.T. 0.000 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Tgt Ion:	112	Resp:	254950
Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.8	40.6
77	60.9	47.4	71.0

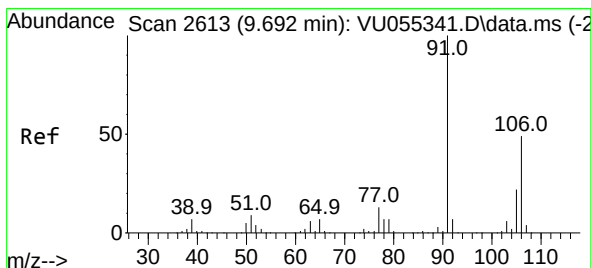
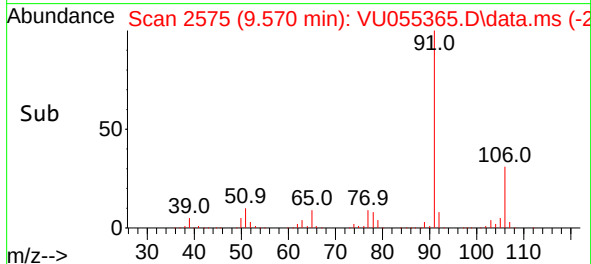
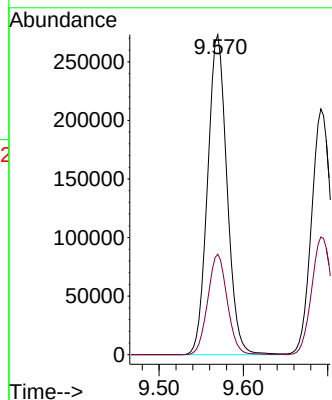
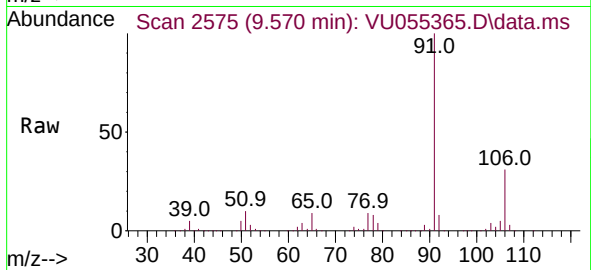




#52
Ethylbenzene
Concen: 4.958 ug/L
RT: 9.570 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

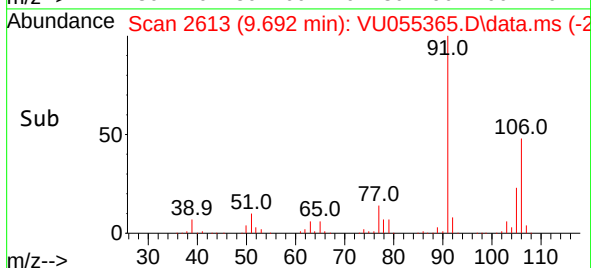
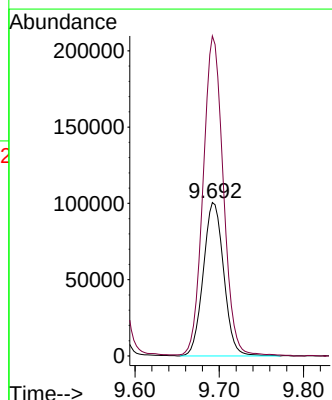
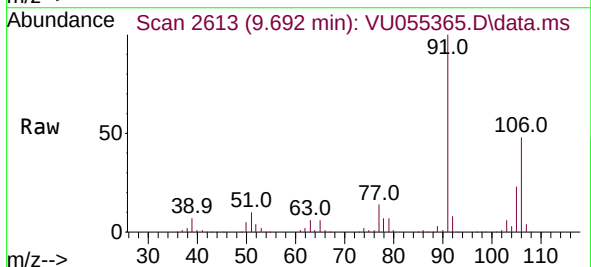
Instrument :
MSVOA_U
ClientSampleId :

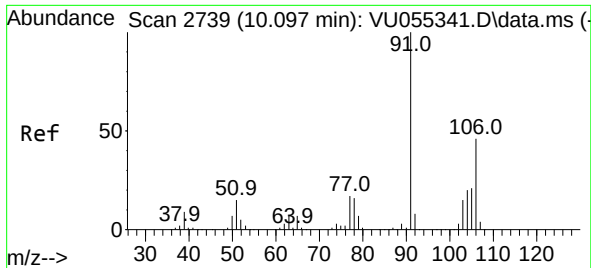
Tgt Ion: 91 Resp: 437776
Ion Ratio Lower Upper
91 100
106 31.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.099 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

Tgt Ion:106 Resp: 170312
Ion Ratio Lower Upper
106 100
91 208.6 143.3 266.1

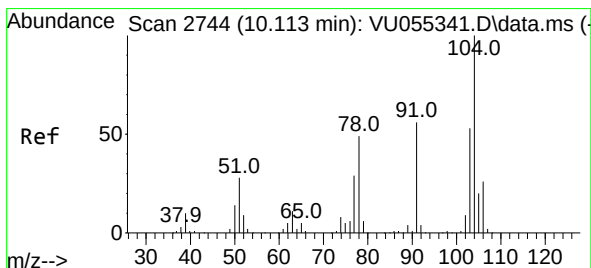
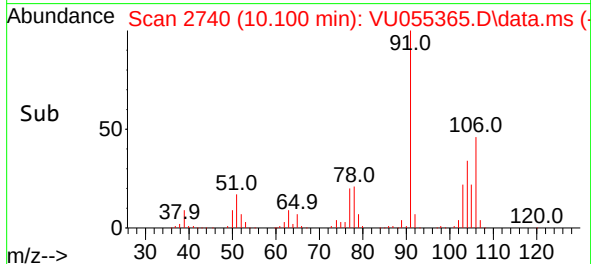
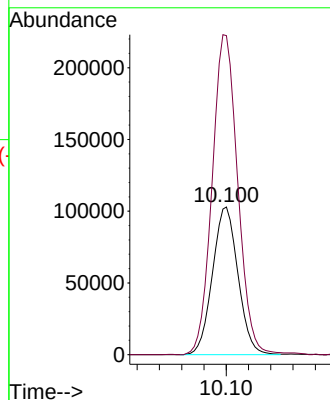
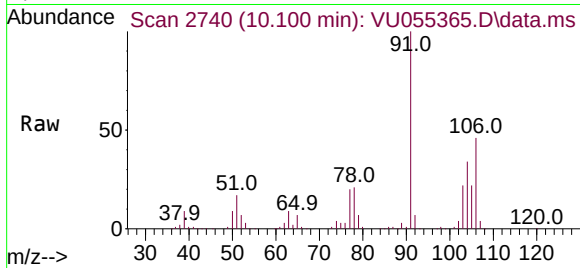




#54
o-Xylene
Concen: 5.166 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

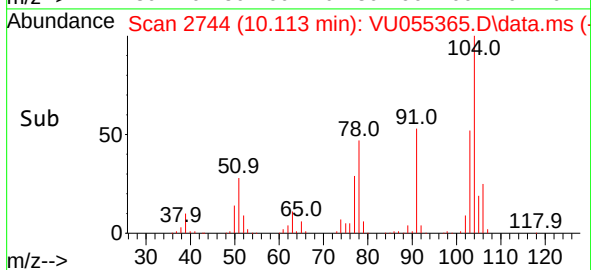
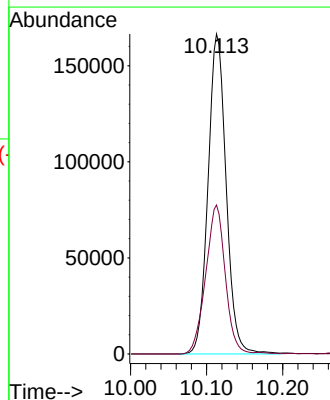
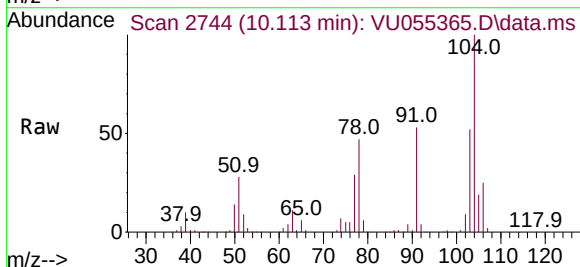
Instrument :
MSVOA_U
ClientSampleId :

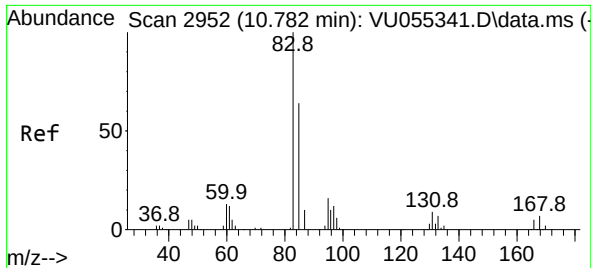
Tgt Ion:106 Resp: 163717
Ion Ratio Lower Upper
106 100
91 216.1 155.6 289.0



#55
Styrene
Concen: 5.209 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

Tgt Ion:104 Resp: 275679
Ion Ratio Lower Upper
104 100
78 46.5 32.9 61.1

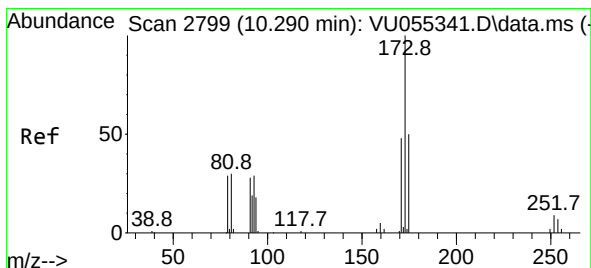
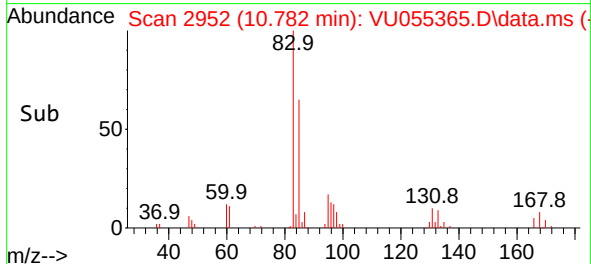
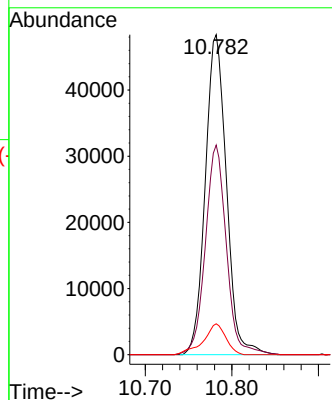
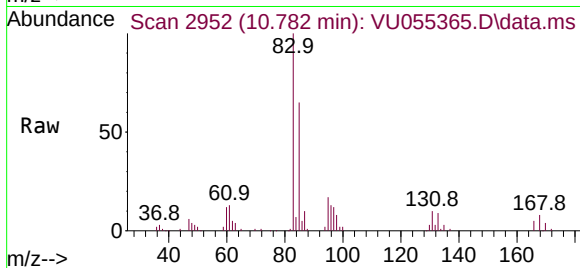




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.573 ug/L
 RT: 10.782 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: VU055365.D
 Acq: 18 Sep 2023 10:37

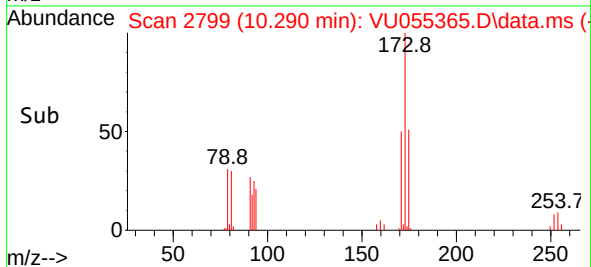
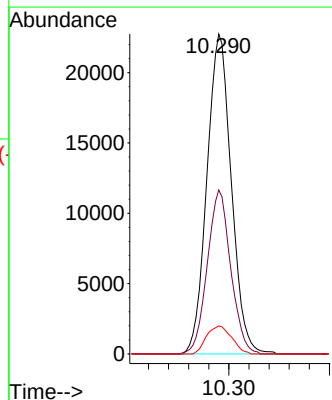
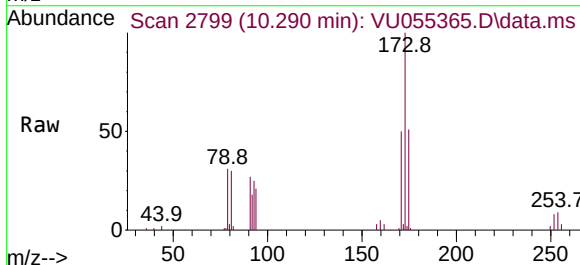
Instrument :
 MSVOA_U
 ClientSampleId :

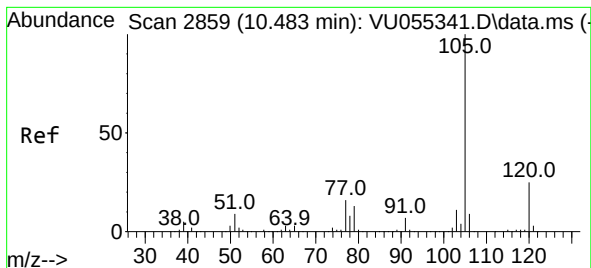
Tgt Ion: 83 Resp: 81877
 Ion Ratio Lower Upper
 83 100
 85 65.5 43.3 80.5
 131 9.6 7.2 10.8



#59
 Bromoform
 Concen: 5.333 ug/L
 RT: 10.290 min Scan# 2799
 Delta R.T. 0.000 min
 Lab File: VU055365.D
 Acq: 18 Sep 2023 10:37

Tgt Ion:173 Resp: 38300
 Ion Ratio Lower Upper
 173 100
 175 49.2 38.1 57.1
 254 9.0 6.8 10.2





#60

Isopropylbenzene

Concen: 4.820 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

ClientSampleId :

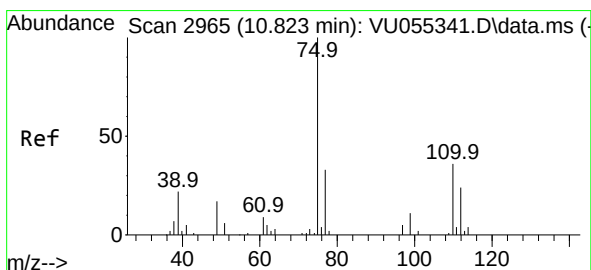
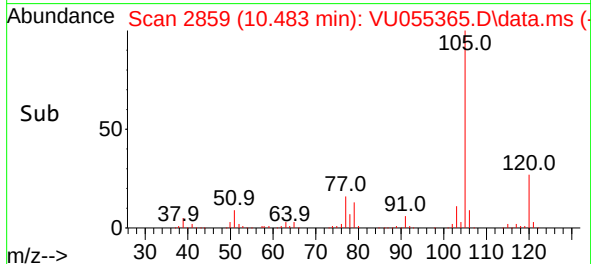
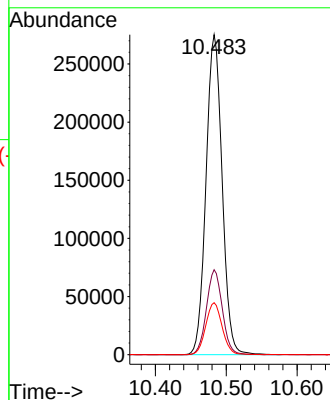
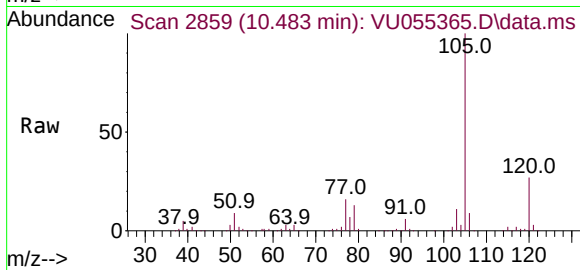
Tgt Ion:105 Resp: 434143

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.4

77 16.6 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 4.914 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. -0.003 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

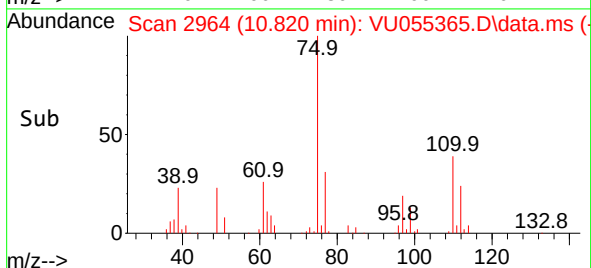
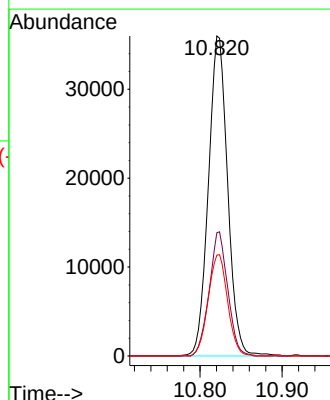
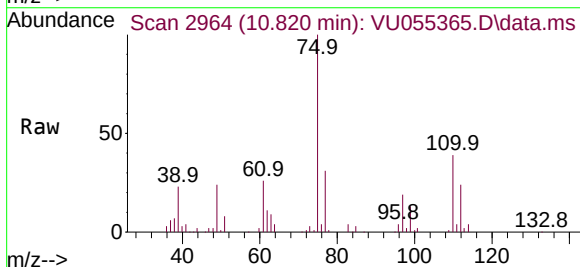
Tgt Ion: 75 Resp: 58708

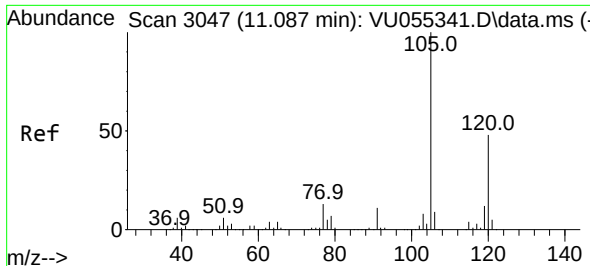
Ion Ratio Lower Upper

75 100

110 37.4 31.4 47.2

77 31.9 26.0 39.0

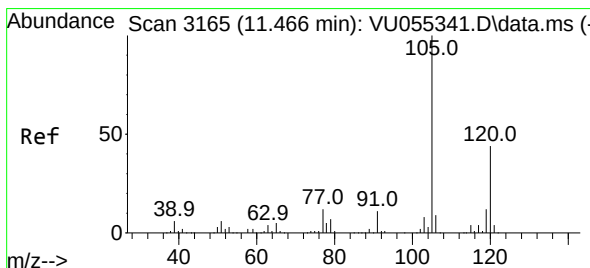
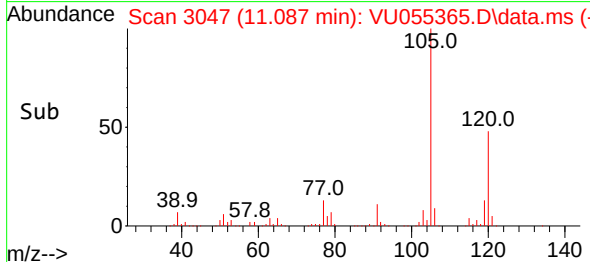
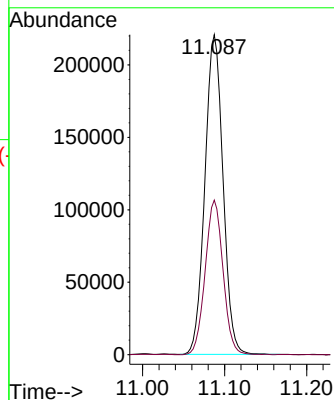
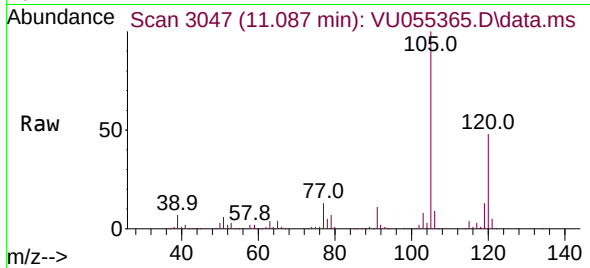




#62
 1,3,5-Trimethylbenzene
 Concen: 4.891 ug/L
 RT: 11.087 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU055365.D
 Acq: 18 Sep 2023 10:37

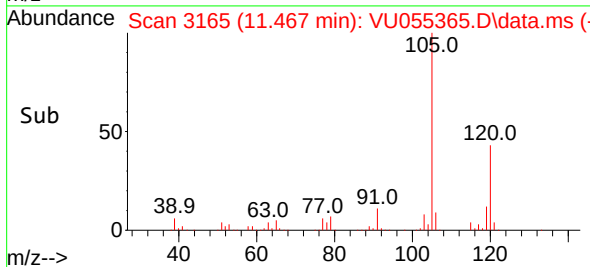
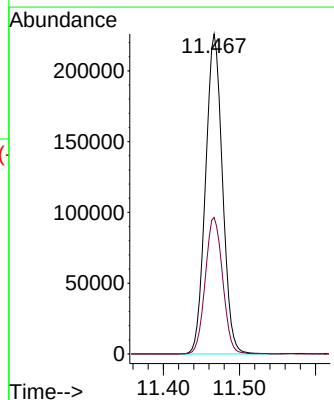
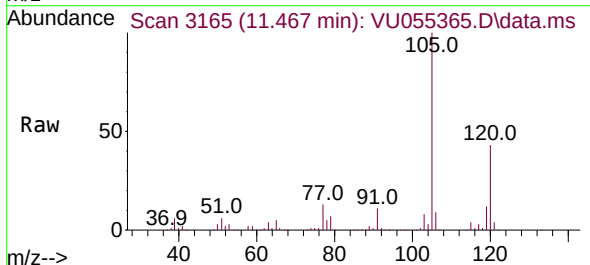
Instrument :
 MSVOA_U
 ClientSampleId :

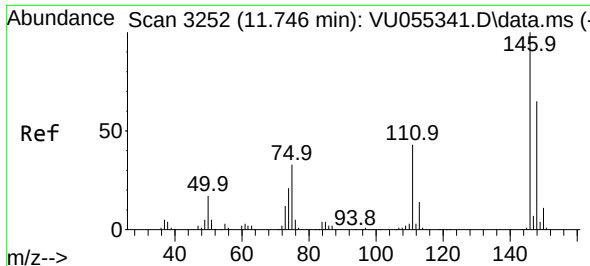
Tgt Ion:105 Resp: 338637
 Ion Ratio Lower Upper
 105 100
 120 47.7 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.971 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU055365.D
 Acq: 18 Sep 2023 10:37

Tgt Ion:105 Resp: 349425
 Ion Ratio Lower Upper
 105 100
 120 43.8 34.6 52.0

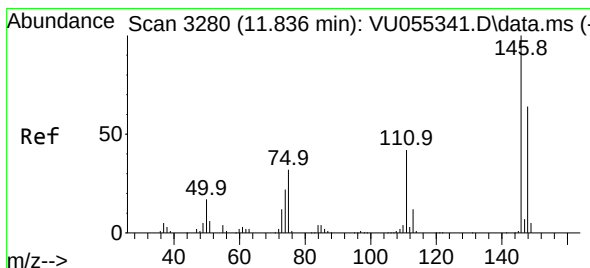
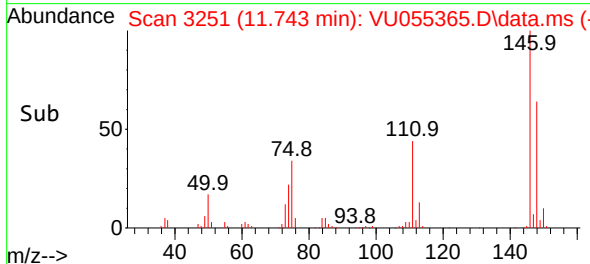
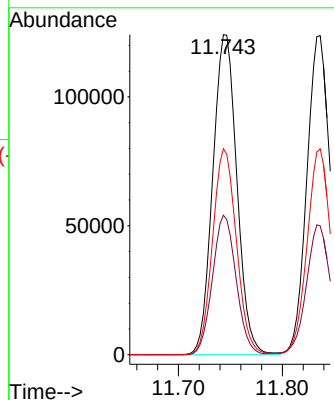
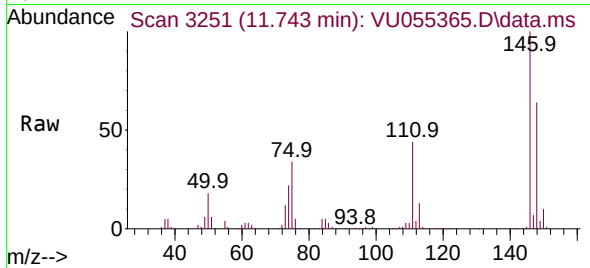




#64
1,3-Dichlorobenzene
Concen: 4.831 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

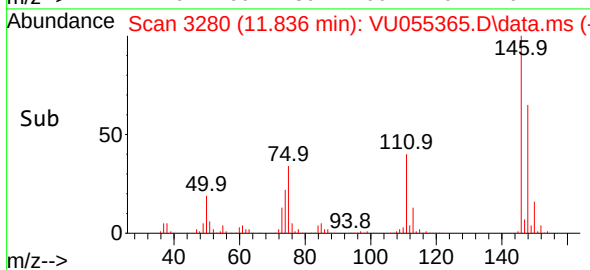
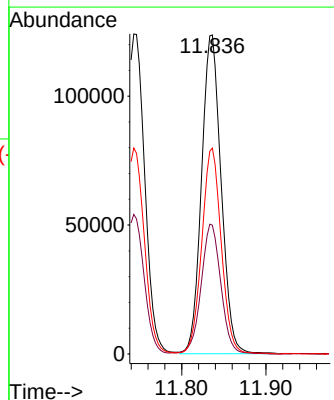
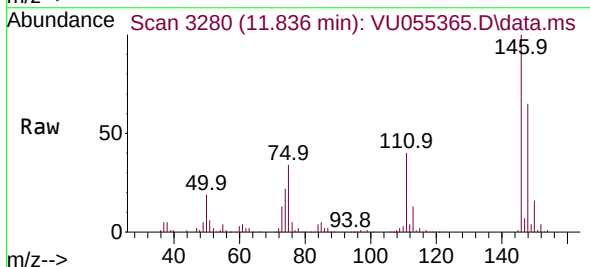
Instrument :
MSVOA_U
ClientSampleId :

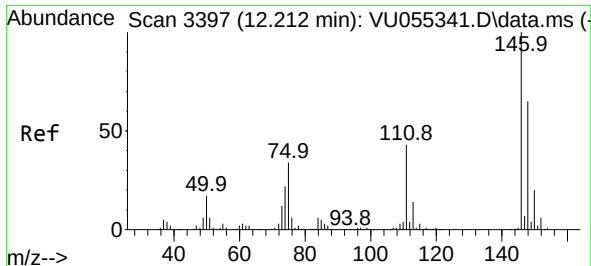
Tgt Ion:146 Resp: 200491
Ion Ratio Lower Upper
146 100
111 43.6 30.4 56.4
148 64.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.938 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VU055365.D
Acq: 18 Sep 2023 10:37

Tgt Ion:146 Resp: 200254
Ion Ratio Lower Upper
146 100
111 40.4 28.7 53.3
148 64.6 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.975 ug/L

RT: 12.213 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

ClientSampleId :

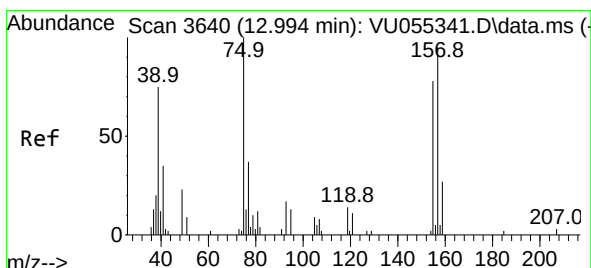
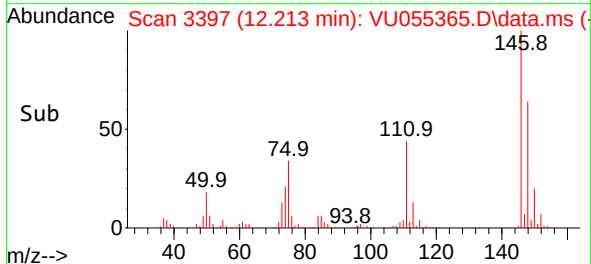
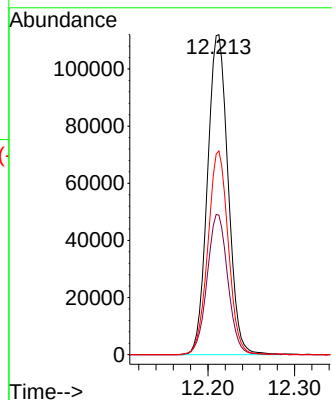
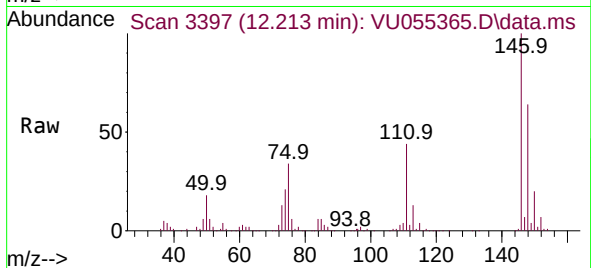
Tgt Ion:146 Resp: 185089

Ion Ratio Lower Upper

146 100

111 43.6 35.4 53.0

148 63.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.448 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

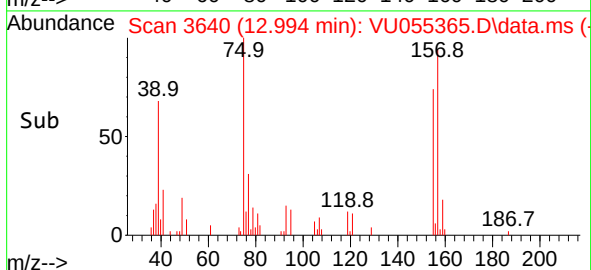
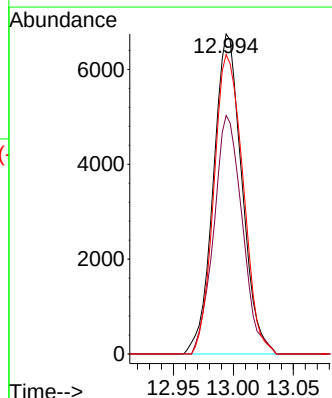
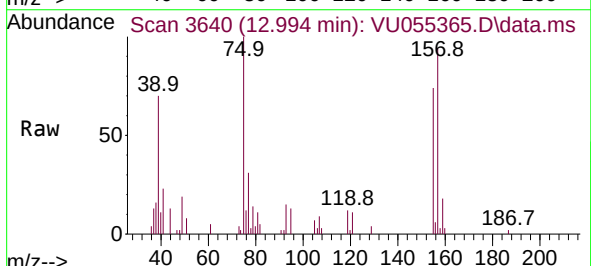
Tgt Ion: 75 Resp: 11130

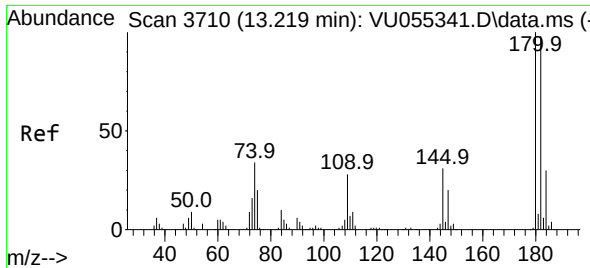
Ion Ratio Lower Upper

75 100

155 74.5 53.7 80.5

157 93.5 72.4 108.6

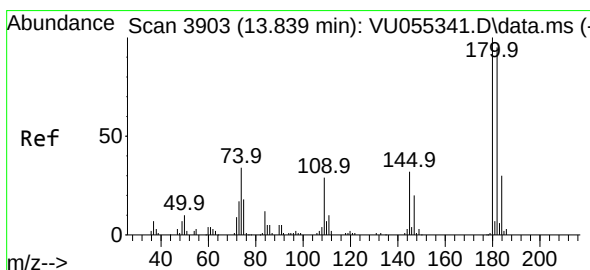
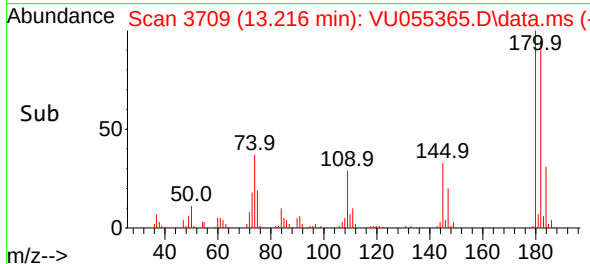
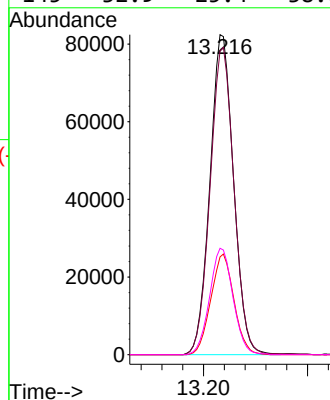
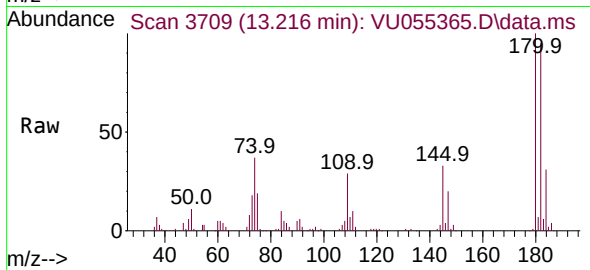




#69
 1,3,5-Trichlorobenzene
 Concen: 4.593 ug/L
 RT: 13.216 min Scan# 3710
 Delta R.T. -0.003 min
 Lab File: VU055365.D
 Acq: 18 Sep 2023 10:37

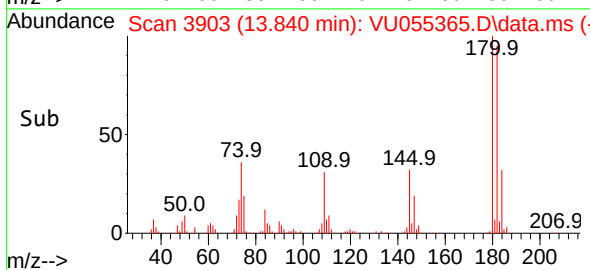
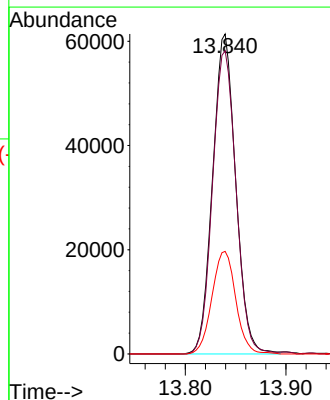
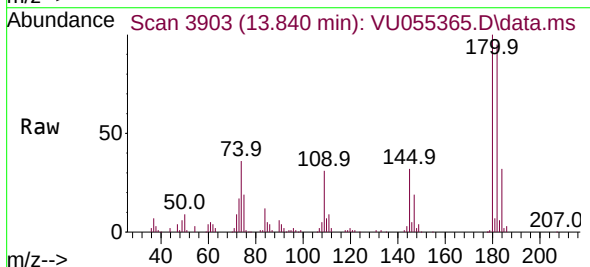
Instrument :
 MSVOA_U
 ClientSampleId :

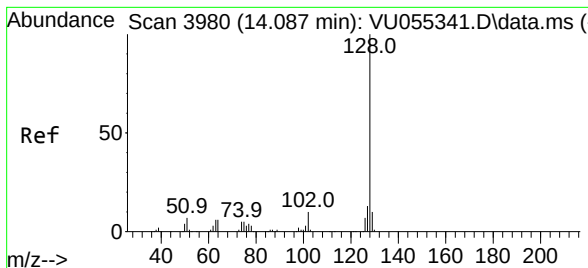
Tgt Ion:180	Resp:	129854
Ion Ratio	Lower	Upper
180	100	
182	97.2	77.4 116.2
184	30.8	24.5 36.7
145	32.9	25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.519 ug/L
 RT: 13.840 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055365.D
 Acq: 18 Sep 2023 10:37

Tgt Ion:180	Resp:	98057
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.3 114.5
145	33.0	25.8 38.8





#71

Naphthalene

Concen: 4.910 ug/L

RT: 14.084 min Scan# 3980

Delta R.T. -0.003 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Instrument :

MSVOA_U

ClientSampleId :

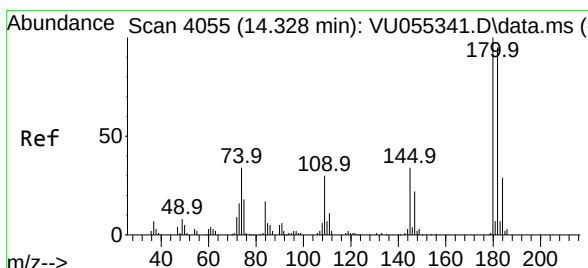
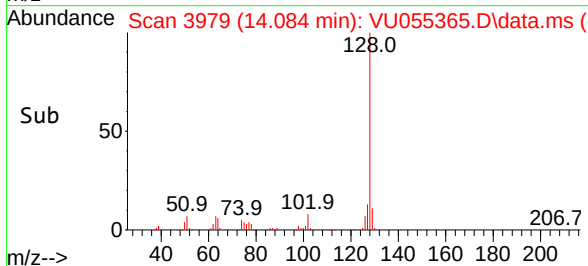
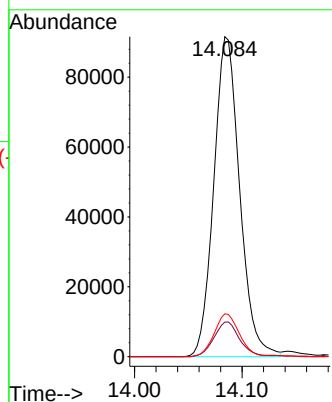
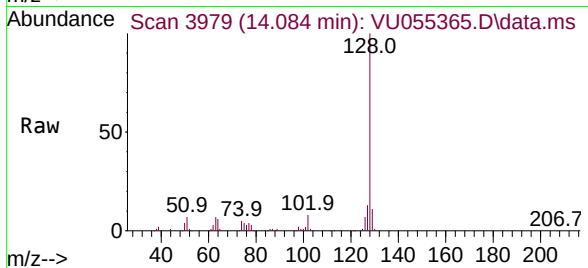
Tgt Ion:128 Resp: 153172

Ion Ratio Lower Upper

128 100

129 11.0 8.2 12.4

127 13.0 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.641 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.000 min

Lab File: VU055365.D

Acq: 18 Sep 2023 10:37

Tgt Ion:180 Resp: 87168

Ion Ratio Lower Upper

180 100

182 93.1 74.6 112.0

145 34.0 27.3 40.9

