

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058379.D
 Acq On : 04 Apr 2024 20:02
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 22:48:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80665	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	5417	0.831	ug/L	0.00
7) Chloroethane-d5	1.908	69	4835	0.904	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	2524	0.926	ug/L	0.00
20) 2-Butanone-d5	4.644	46	10167	8.582	ug/L	0.00
24) Chloroform-d	5.055	84	10949	0.923	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	5068	0.920	ug/L	0.00
32) Benzene-d6	5.721	84	20695	0.854	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	6431	0.897	ug/L	0.00
41) Toluene-d8	7.891	98	17864	0.834	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	1814	0.785	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	7263	7.761	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	4431	0.939	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	6055	0.911	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	6936	1.739	ug/L	100
3) Chloromethane	1.515	50	8719	1.743	ug/L	99
5) Vinyl chloride	1.599	62	8495	1.595	ug/L	99
6) Bromomethane	1.853	94	4091	1.499	ug/L	95
8) Chloroethane	1.930	64	5271	1.544	ug/L	99
9) Trichlorofluoromethane	2.133	101	11363	1.385	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	6820	1.323	ug/L	96
12) 1,1-Dichloroethene	2.573	96	5921	1.352	ug/L	97
13) Acetone	2.644	43	8689	10.539	ug/L	99
14) Carbon disulfide	2.789	76	18886	1.761	ug/L	98
15) Methyl Acetate	2.959	43	2275	1.296	ug/L #	72
16) Methylene chloride	3.039	84	8483	1.362	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	13196	1.158	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	6140	1.332	ug/L	95
19) 1,1-Dichloroethane	3.862	63	13496	1.330	ug/L	98
21) 2-Butanone	4.721	43	12898	10.330	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	6801	1.232	ug/L	98
23) Bromochloromethane	4.968	128	2619	1.263	ug/L	84
25) Chloroform	5.081	83	13105	1.248	ug/L	97
27) 1,2-Dichloroethane	5.792	62	7952	1.314	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	10584	1.257	ug/L	96
30) Cyclohexane	5.380	56	10515	1.354	ug/L	98
31) Carbon tetrachloride	5.518	117	8892	1.232	ug/L	96
33) Benzene	5.769	78	28316	1.306	ug/L	100
34) Trichloroethene	6.538	95	7352	1.309	ug/L	97
35) Methylcyclohexane	6.756	83	10266	1.270	ug/L	98
37) 1,2-Dichloropropane	6.785	63	7466	1.240	ug/L #	94
38) Bromodichloromethane	7.097	83	8412	1.227	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	9059	1.196	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	33217	11.089	ug/L	99
42) Toluene	7.962	91	28458	1.242	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	6766	1.137	ug/L	97

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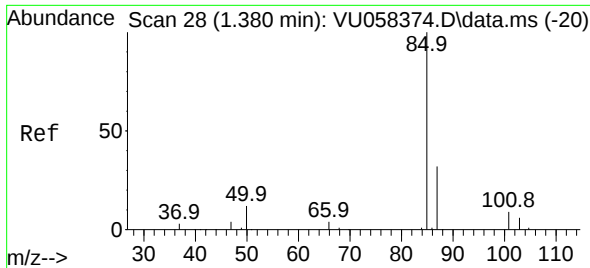
Instrument :
 MSVOA_U
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

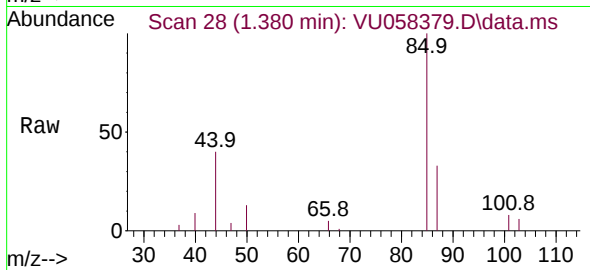
45) 1,1,2-Trichloroethane	8.396	97	4321	1.158	ug/L	96
47) Tetrachloroethene	8.544	164	5306	1.386	ug/L	93
48) 2-Hexanone	8.685	43	21408	9.784	ug/L	96
49) Dibromochloromethane	8.804	129	4889	1.189	ug/L	97
50) 1,2-Dibromoethane	8.920	107	4034	1.256	ug/L #	93
51) Chlorobenzene	9.444	112	18237	1.255	ug/L	95
52) Ethylbenzene	9.566	91	30425	1.200	ug/L	98
53) m,p-Xylene	9.692	106	10373	1.143	ug/L	95
54) o-Xylene	10.094	106	10157	1.120	ug/L	96
55) Styrene	10.113	104	15889	1.104	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	5320	1.210	ug/L	94
59) Bromoform	10.287	173	2395	1.167	ug/L #	97
60) Isopropylbenzene	10.480	105	25994	1.120	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	3841	1.186	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	20009	1.033	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	20528	1.058	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	12875	1.191	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	13265	1.270	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	11621	1.166	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	575	1.181	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	9541	1.246	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	6776	1.203	ug/L	97
71) Naphthalene	14.090	128	8713	1.157	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	5637	1.220	ug/L	97

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

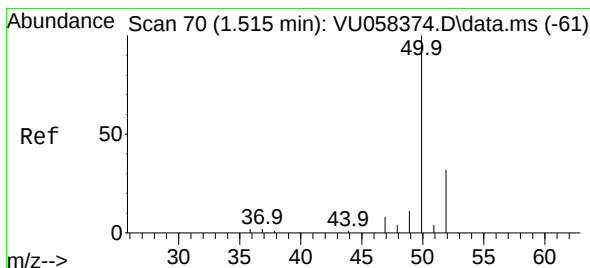
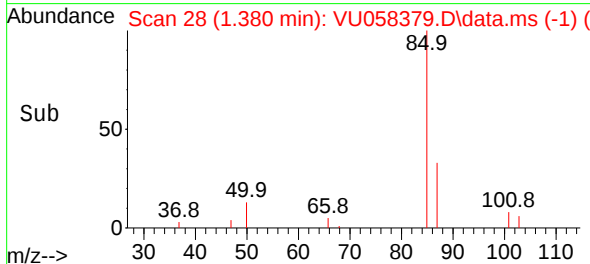
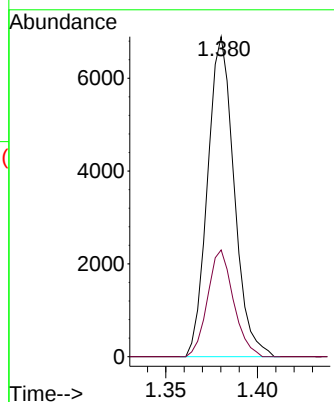


#2
 Dichlorodifluoromethane
 Concen: 1.739 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU058379.D
 Acq: 04 Apr 2024 20:02

Instrument :
 MSVOA_U
 ClientSampleId :

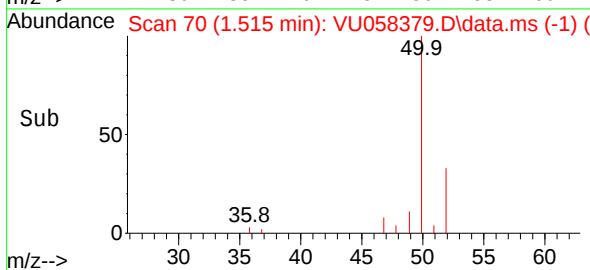
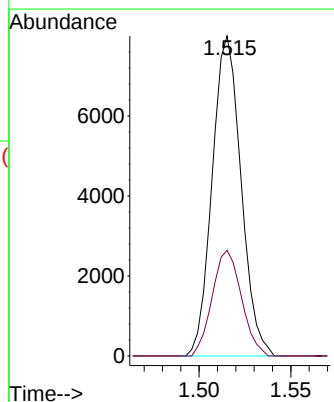
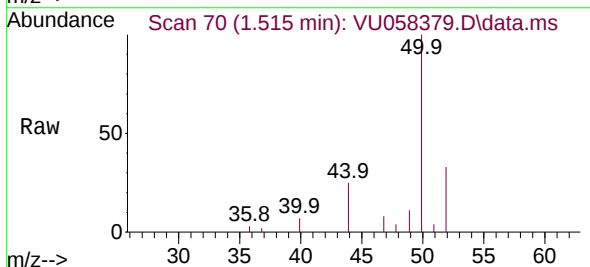


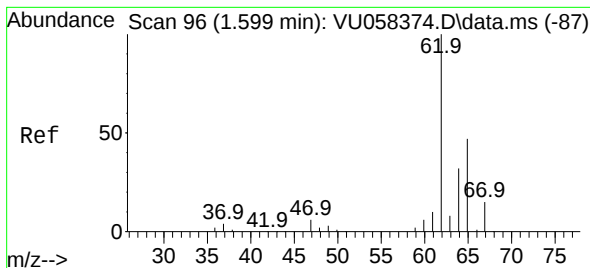
Tgt Ion: 85 Resp: 6936
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 1.743 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058379.D
 Acq: 04 Apr 2024 20:02

Tgt Ion: 50 Resp: 8719
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.6 42.0





#5

Vinyl chloride

Concen: 1.595 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

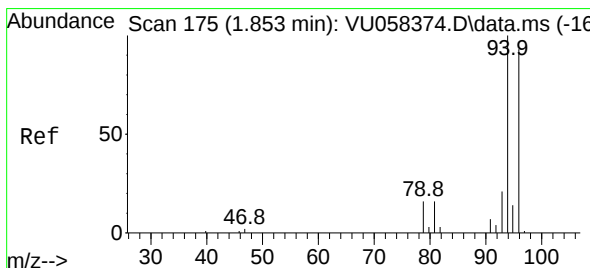
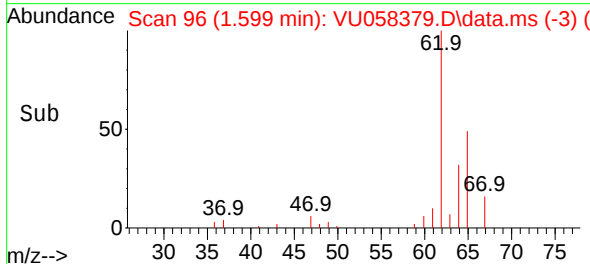
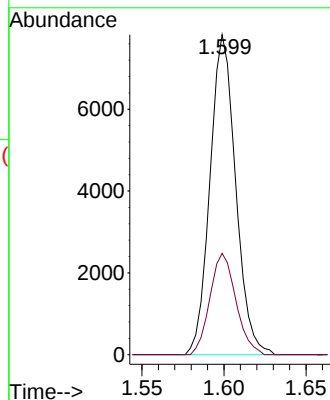
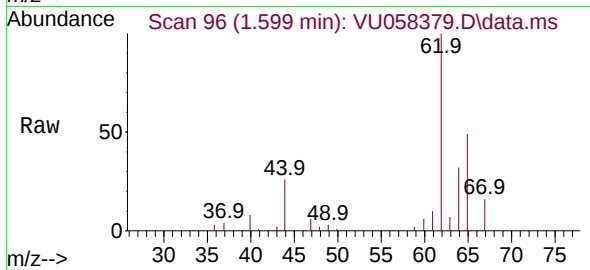
ClientSampleId :

Tgt Ion: 62 Resp: 8495

Ion Ratio Lower Upper

62 100

64 31.6 22.6 42.0



#6

Bromomethane

Concen: 1.499 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU058379.D

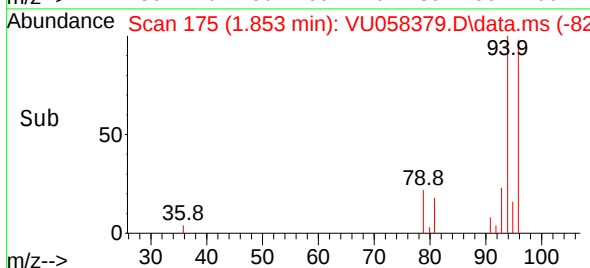
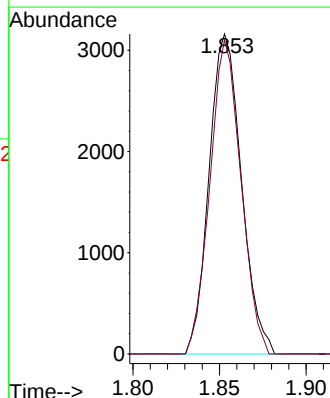
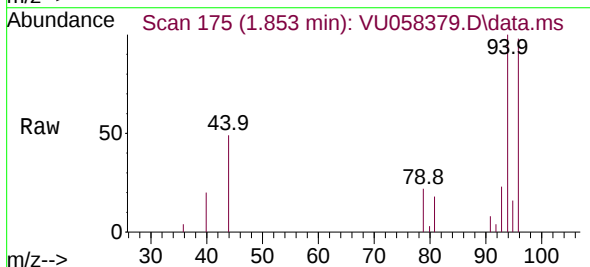
Acq: 04 Apr 2024 20:02

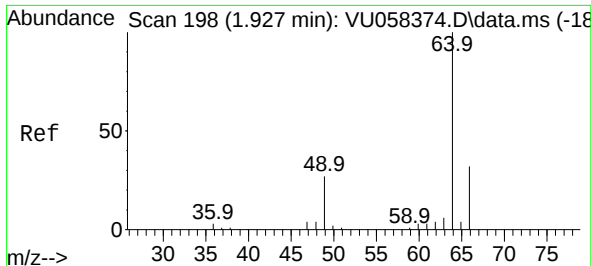
Tgt Ion: 94 Resp: 4091

Ion Ratio Lower Upper

94 100

96 98.2 65.4 121.4

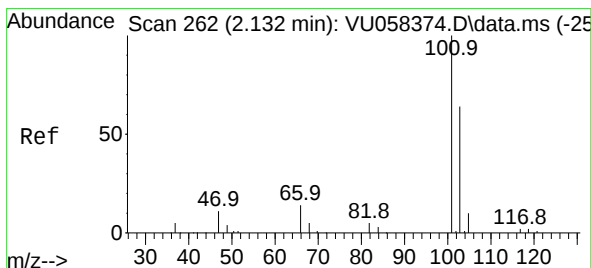
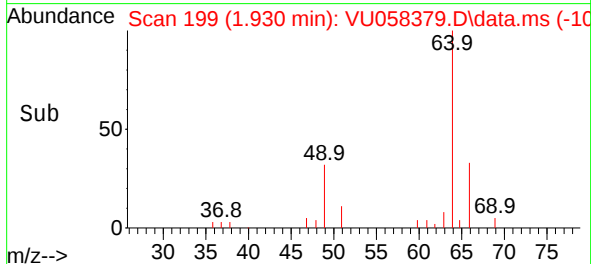
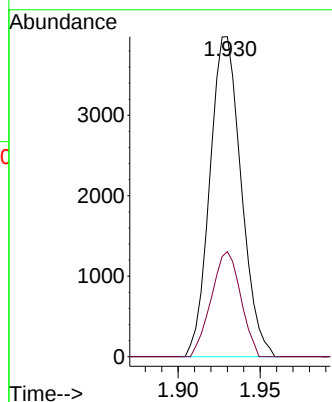
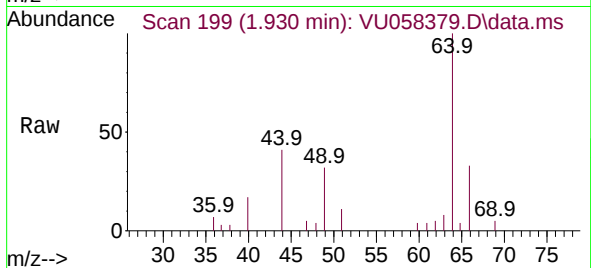




#8
Chloroethane
Concen: 1.544 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

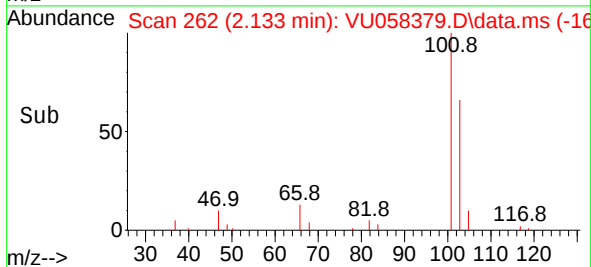
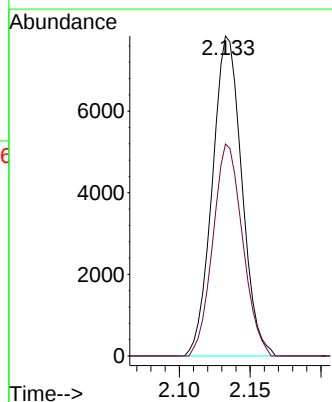
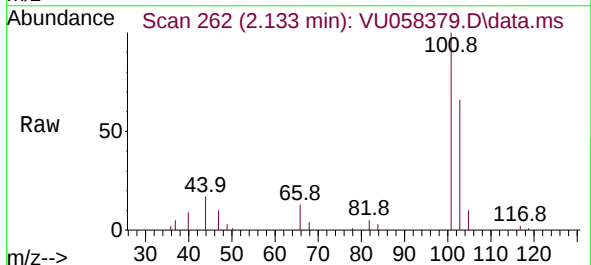
Instrument :
MSVOA_U
ClientSampleId :

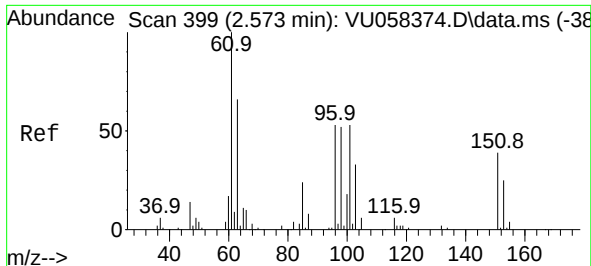
Tgt Ion: 64 Resp: 5271
Ion Ratio Lower Upper
64 100
66 31.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 1.385 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

Tgt Ion:101 Resp: 11363
Ion Ratio Lower Upper
101 100
103 66.7 51.2 76.8

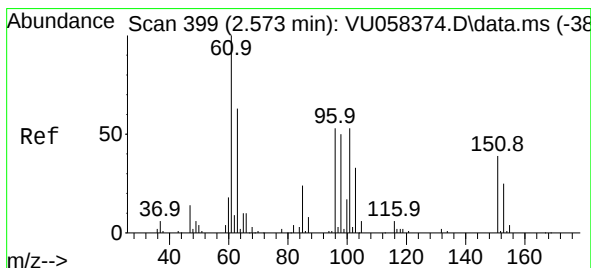
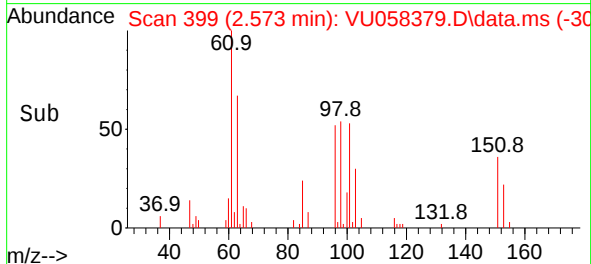
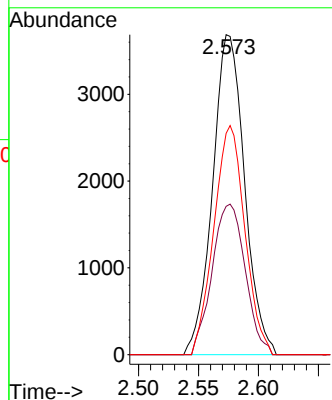
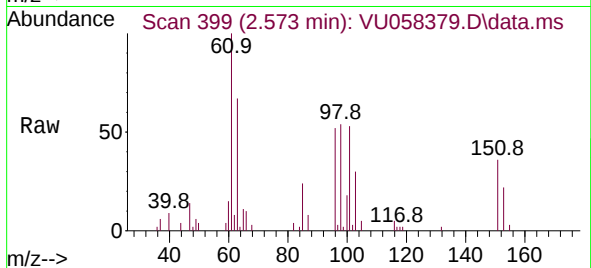




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.323 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058379.D
 Acq: 04 Apr 2024 20:02

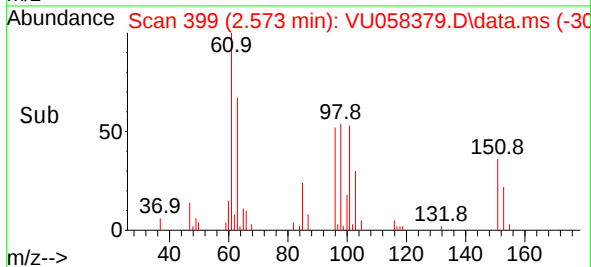
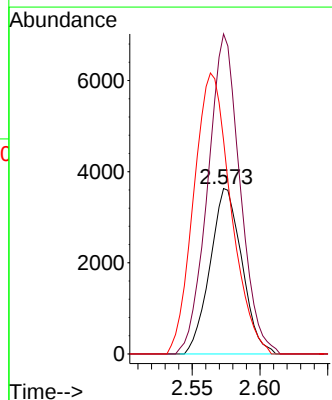
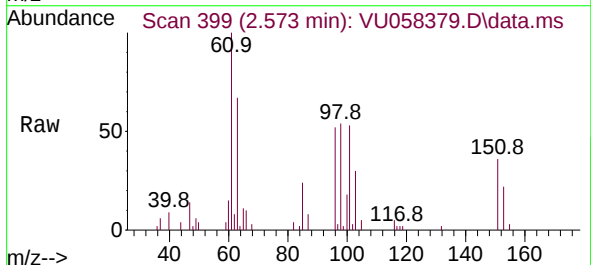
Instrument :
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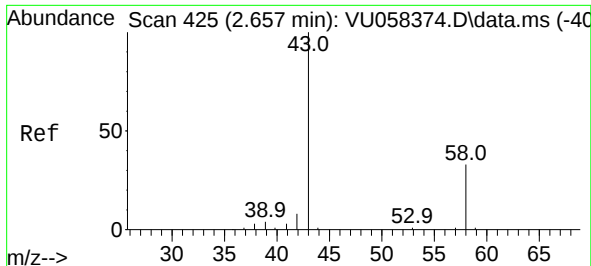
Tgt Ion:101 Resp: 6820
 Ion Ratio Lower Upper
 101 100
 85 48.8 36.8 55.2
 151 69.6 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 1.352 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058379.D
 Acq: 04 Apr 2024 20:02

Tgt Ion: 96 Resp: 5921
 Ion Ratio Lower Upper
 96 100
 61 193.4 132.5 246.1
 63 129.2 87.7 162.9





#13

Acetone

Concen: 10.539 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

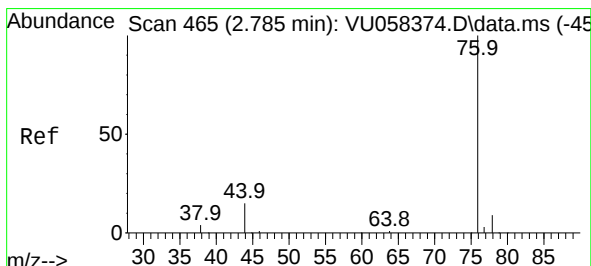
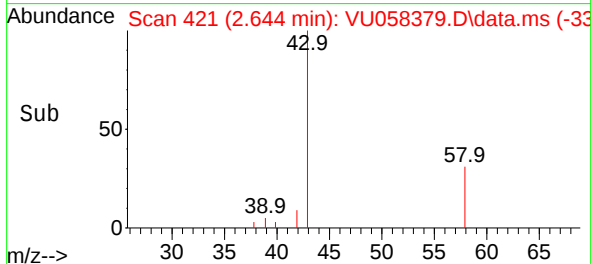
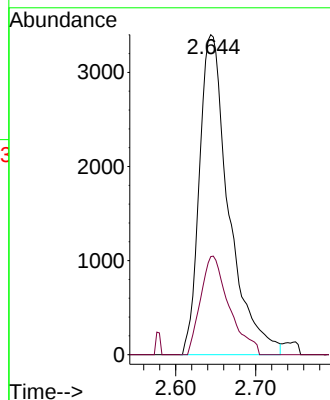
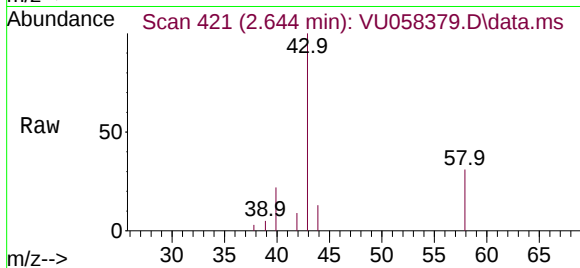
ClientSampleId :

Tgt Ion: 43 Resp: 8689

Ion Ratio Lower Upper

43 100

58 29.9 0.0 61.4



#14

Carbon disulfide

Concen: 1.761 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU058379.D

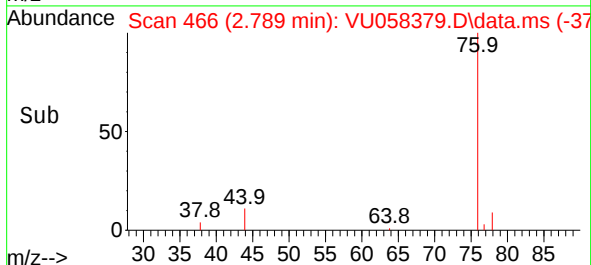
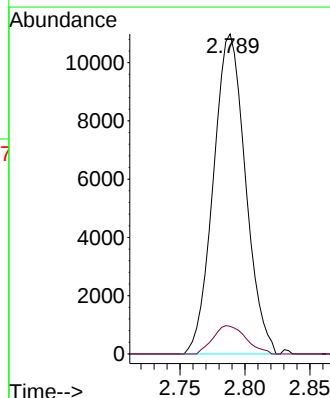
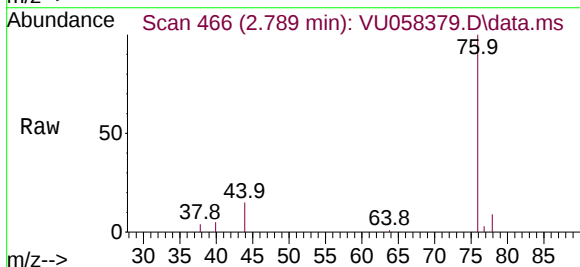
Acq: 04 Apr 2024 20:02

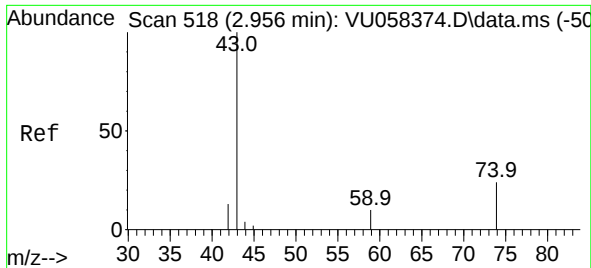
Tgt Ion: 76 Resp: 18886

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3





#15

Methyl Acetate

Concen: 1.296 ug/L

RT: 2.959 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

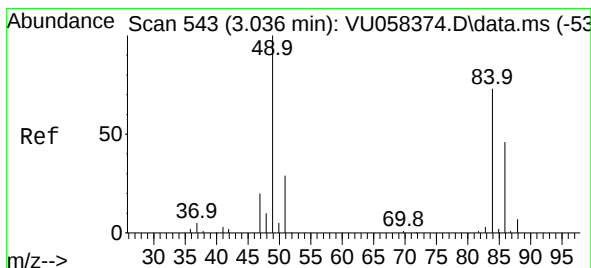
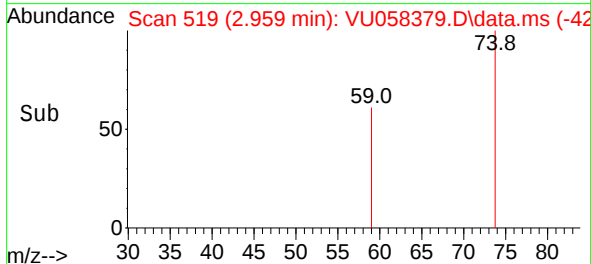
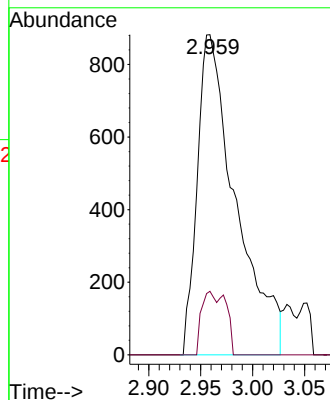
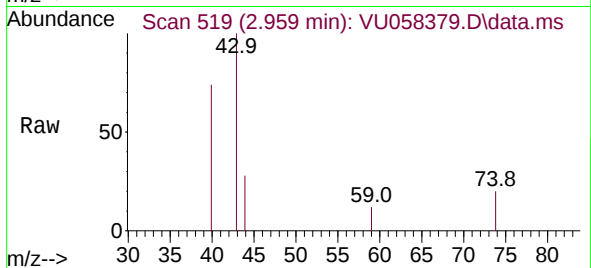
ClientSampleId :

Tgt Ion: 43 Resp: 2275

Ion Ratio Lower Upper

43 100

74 7.6 16.6 25.0#



#16

Methylene chloride

Concen: 1.362 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

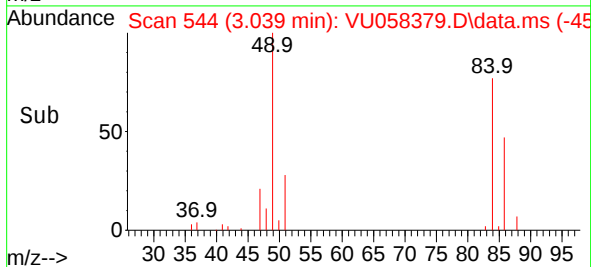
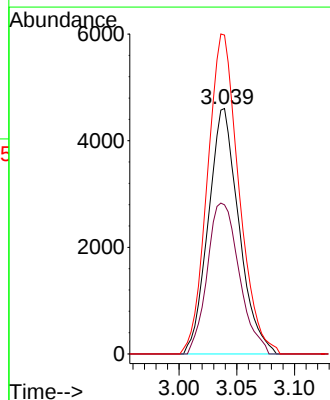
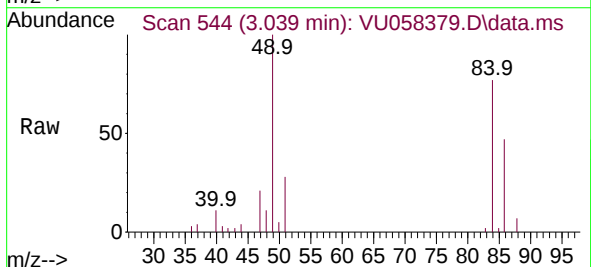
Tgt Ion: 84 Resp: 8483

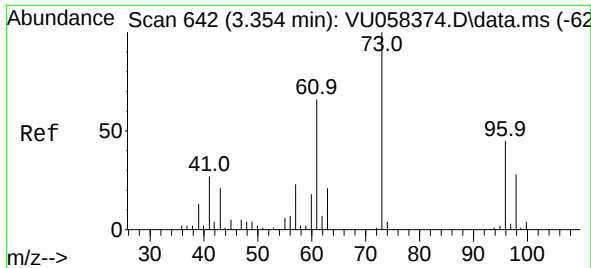
Ion Ratio Lower Upper

84 100

86 60.7 44.3 82.3

49 129.9 96.0 178.2

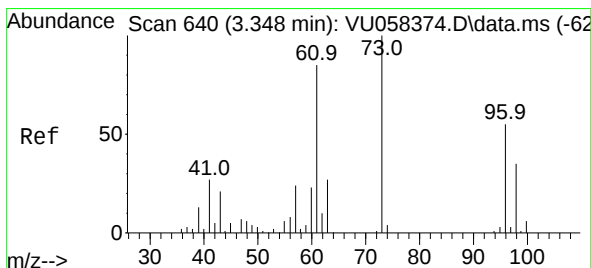
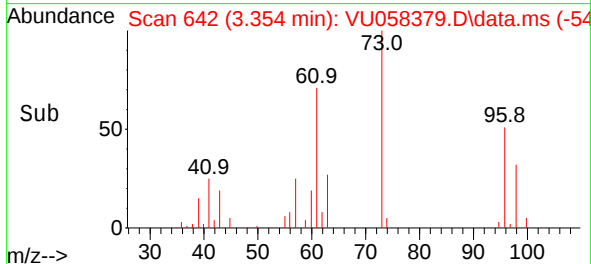
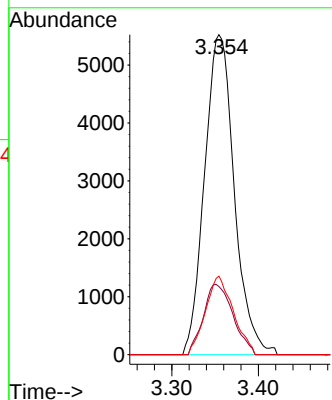
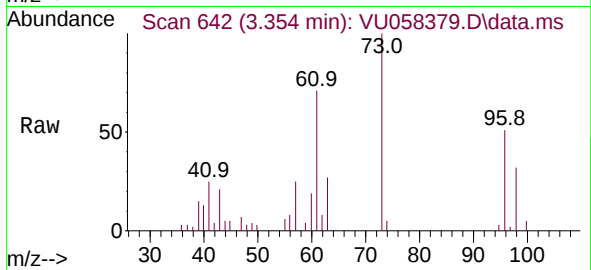




#17
Methyl tert-butyl Ether
Concen: 1.158 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

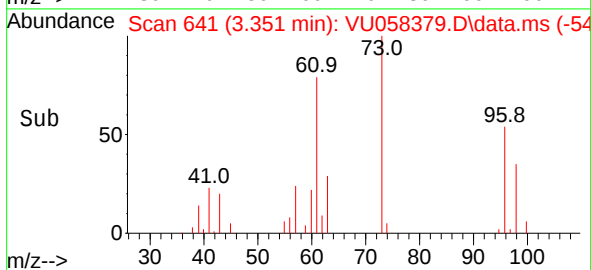
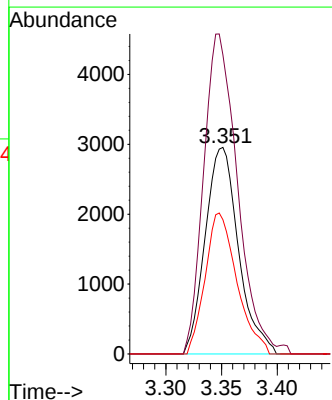
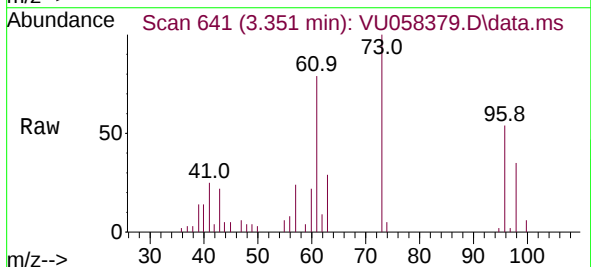
Instrument :
MSVOA_U
ClientSampleId :

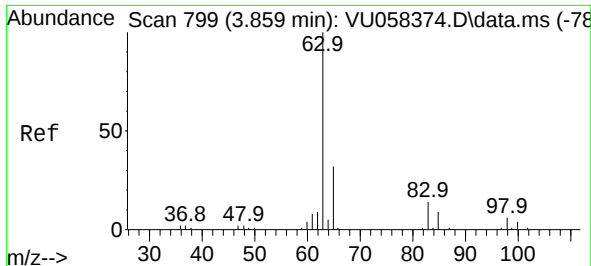
Tgt Ion: 73 Resp: 13196
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.2
57 22.9 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 1.332 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

Tgt Ion: 96 Resp: 6140
Ion Ratio Lower Upper
96 100
61 144.8 107.6 199.8
98 65.0 45.1 83.7

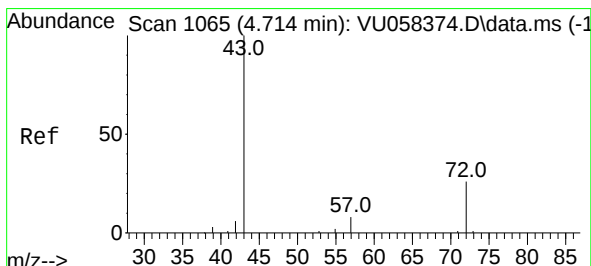
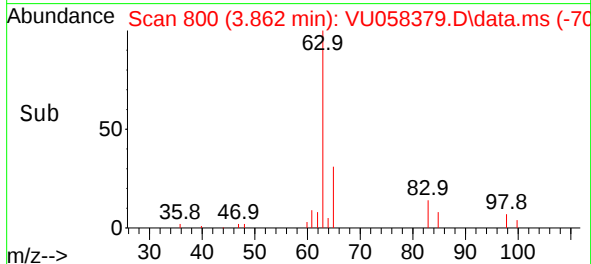
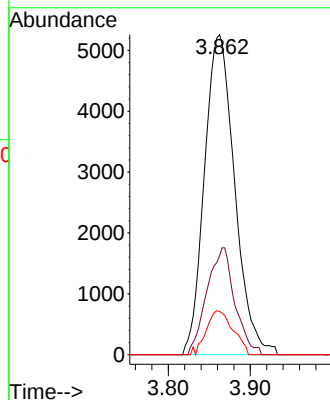
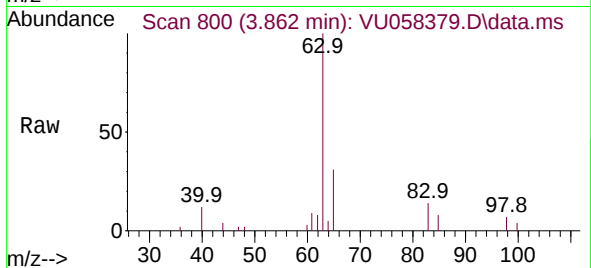




#19
1,1-Dichloroethane
Concen: 1.330 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

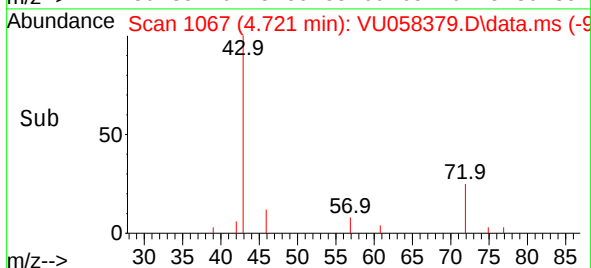
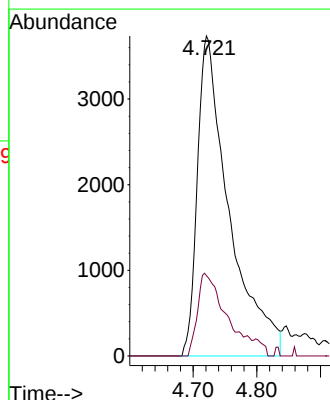
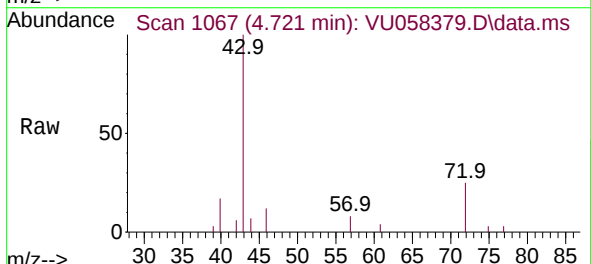
Instrument :
MSVOA_U
ClientSampleId :

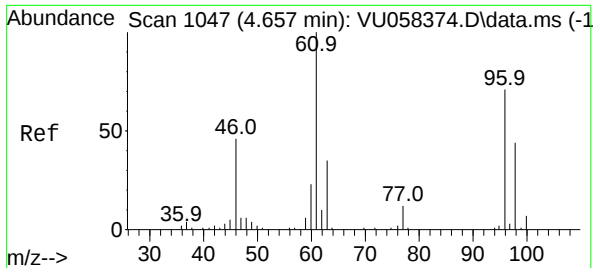
Tgt Ion: 63 Resp: 13496
Ion Ratio Lower Upper
63 100
65 30.9 22.9 42.5
83 13.5 9.6 17.8



#21
2-Butanone
Concen: 10.330 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.007 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

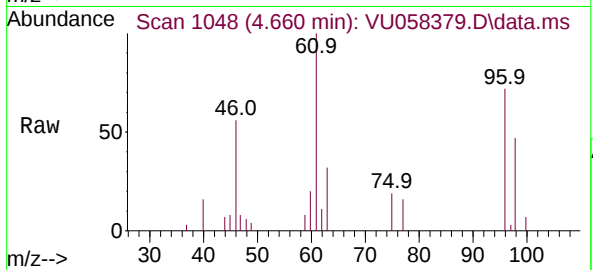
Tgt Ion: 43 Resp: 12898
Ion Ratio Lower Upper
43 100
72 23.3 11.7 35.0



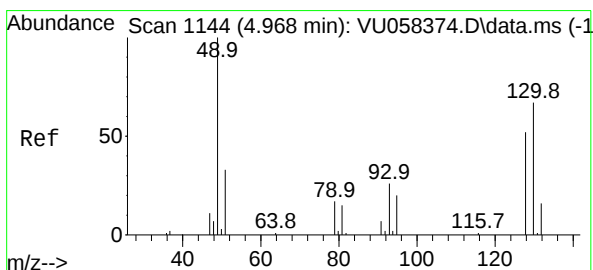
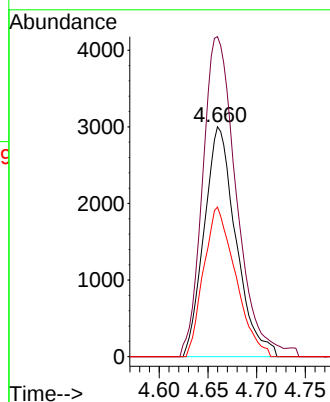
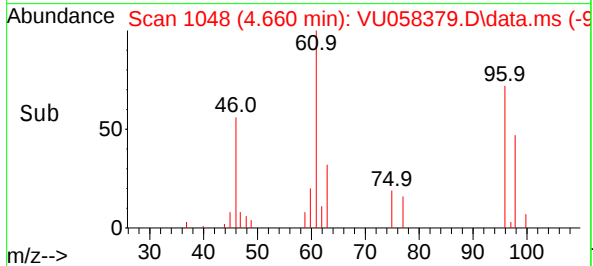


#22
 cis-1,2-Dichloroethene
 Concen: 1.232 ug/L
 RT: 4.660 min Scan# 1104
 Delta R.T. 0.003 min
 Lab File: VU058379.D
 Acq: 04 Apr 2024 20:02

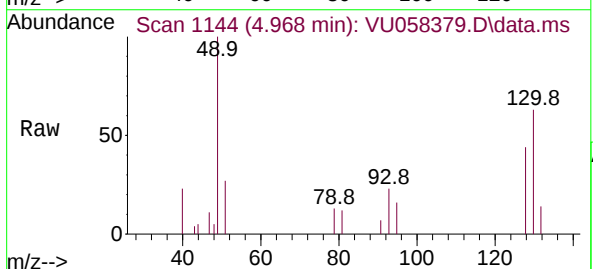
Instrument :
 MSVOA_U
 ClientSampleId :



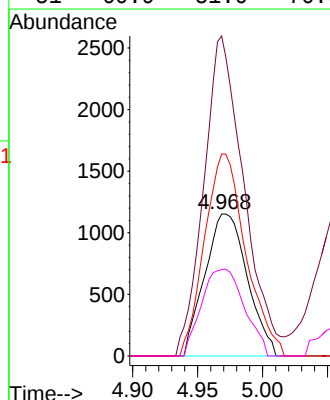
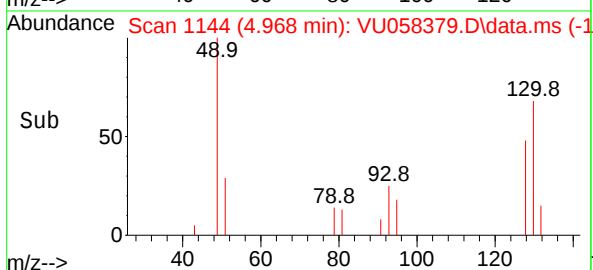
Tgt Ion: 96 Resp: 6801
 Ion Ratio Lower Upper
 96 100
 61 139.2 98.1 182.3
 98 65.0 43.6 81.0

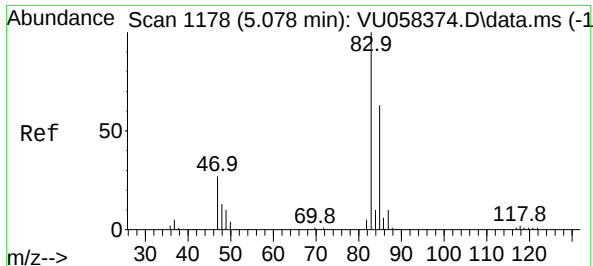


#23
 Bromochloromethane
 Concen: 1.263 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU058379.D
 Acq: 04 Apr 2024 20:02



Tgt Ion: 128 Resp: 2619
 Ion Ratio Lower Upper
 128 100
 49 225.5 134.4 249.6
 130 142.4 90.0 167.2
 51 60.9 51.0 76.6





#25

Chloroform

Concen: 1.248 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

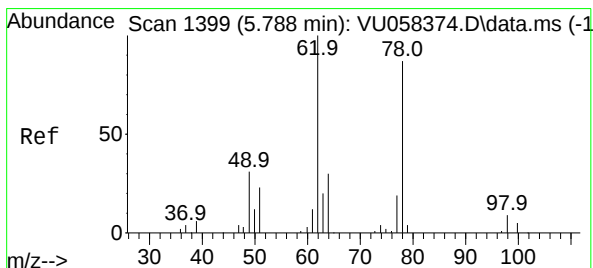
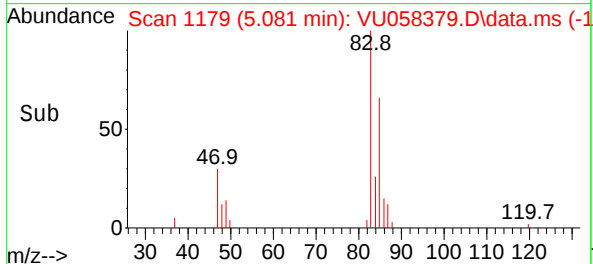
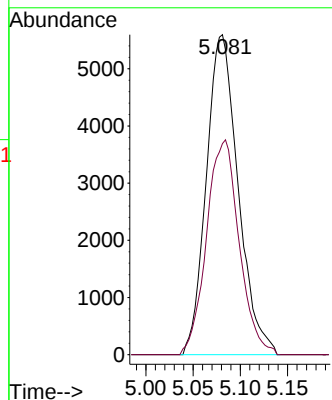
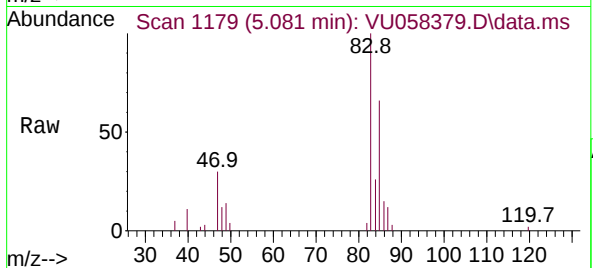
ClientSampleId :

Tgt Ion: 83 Resp: 13105

Ion Ratio Lower Upper

83 100

85 65.9 44.7 83.1



#27

1,2-Dichloroethane

Concen: 1.314 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU058379.D

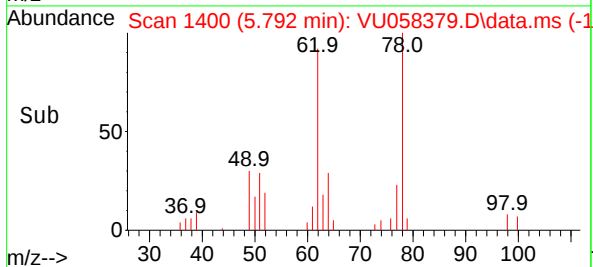
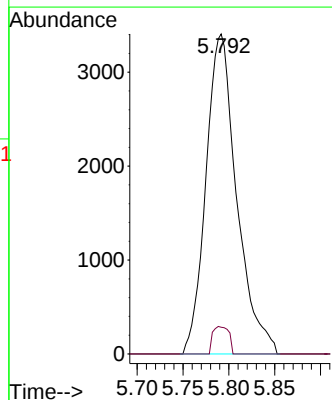
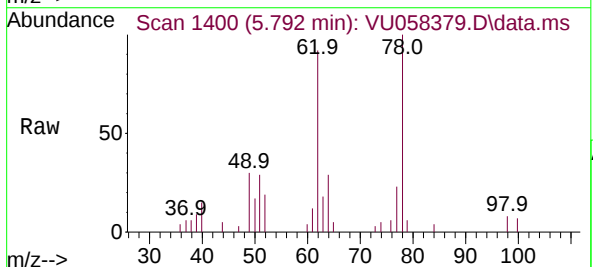
Acq: 04 Apr 2024 20:02

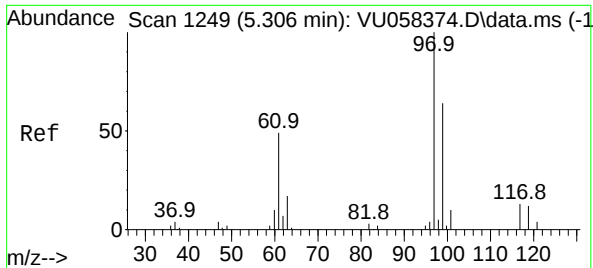
Tgt Ion: 62 Resp: 7952

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.4

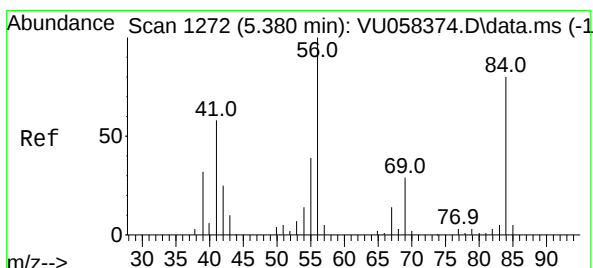
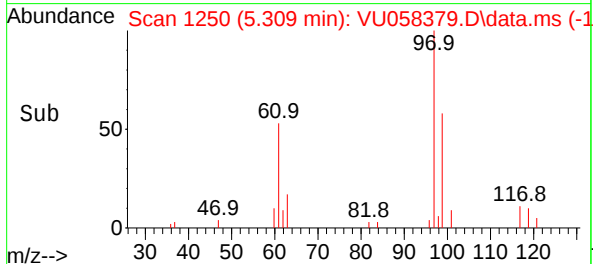
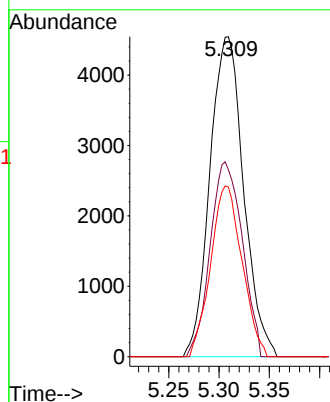
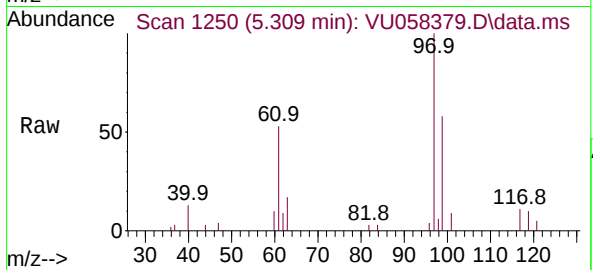




#29
1,1,1-Trichloroethane
Concen: 1.257 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

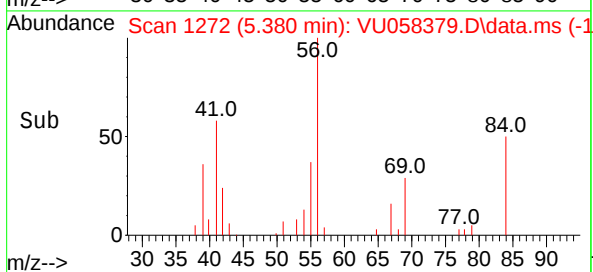
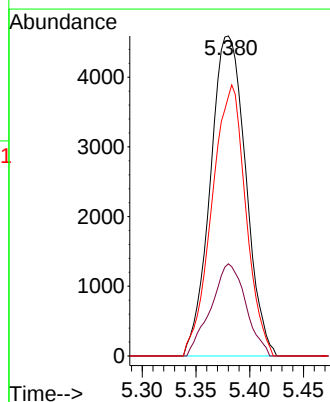
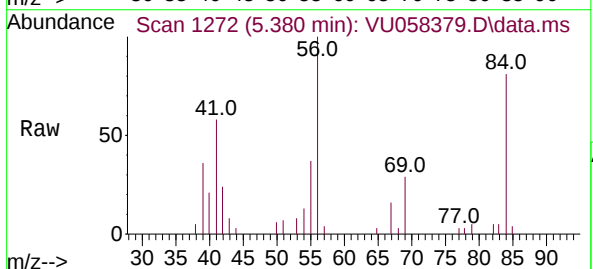
Instrument :
MSVOA_U
ClientSampleId :

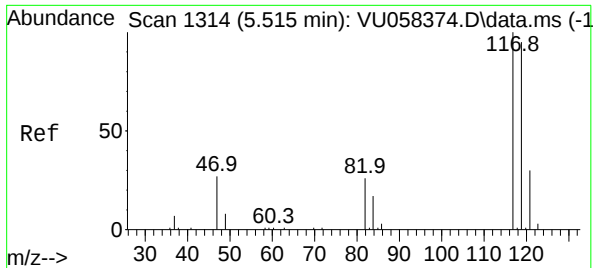
Tgt Ion:	97	Resp:	10584
Ion	Ratio	Lower	Upper
97	100		
99	58.1	50.4	75.6
61	49.7	39.4	59.0



#30
Cyclohexane
Concen: 1.354 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

Tgt Ion:	56	Resp:	10515
Ion	Ratio	Lower	Upper
56	100		
69	28.3	23.2	34.8
84	81.0	63.3	94.9

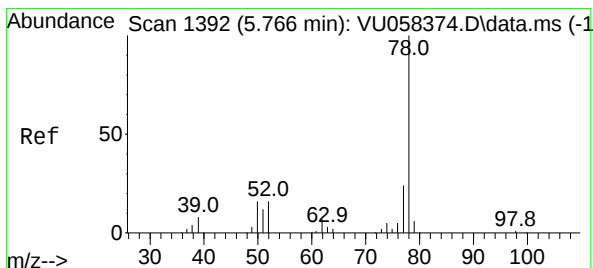
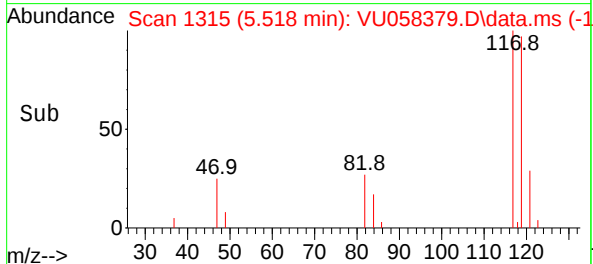
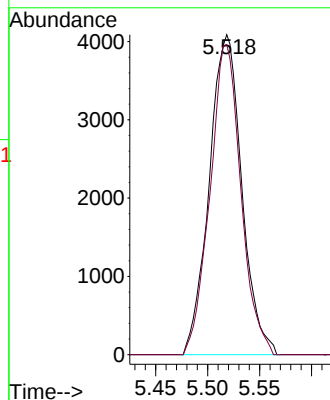
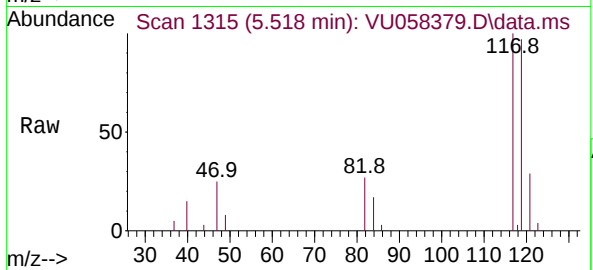




#31
Carbon tetrachloride
Concen: 1.232 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

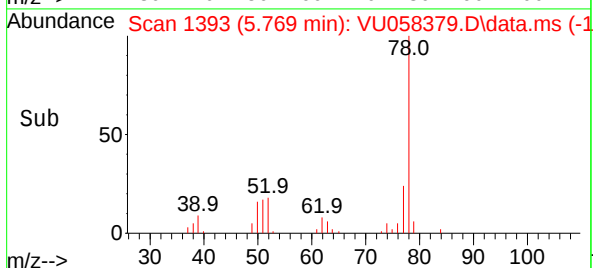
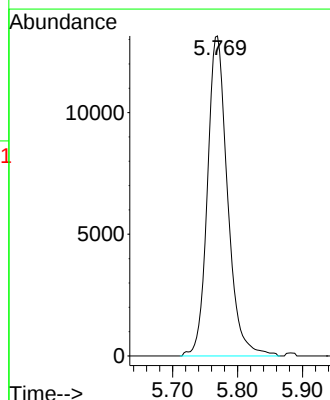
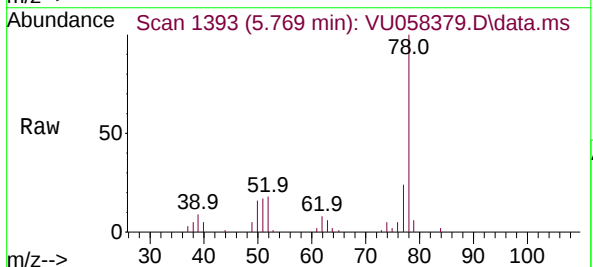
Instrument :
MSVOA_U
ClientSampleId :

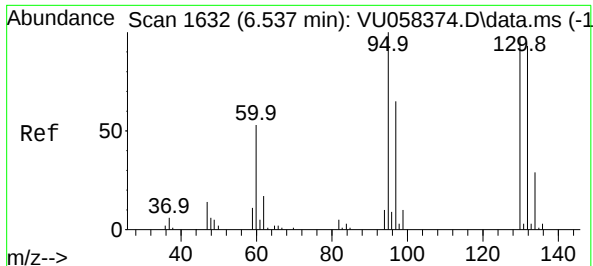
Tgt Ion:117 Resp: 8892
Ion Ratio Lower Upper
117 100
119 92.2 76.7 115.1



#33
Benzene
Concen: 1.306 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

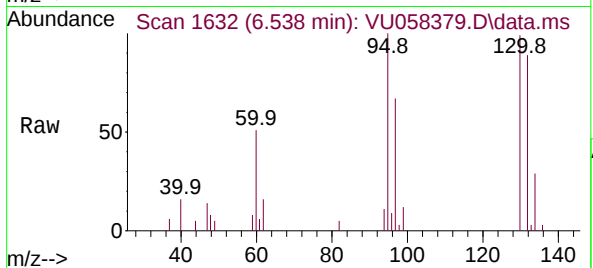
Tgt Ion: 78 Resp: 28316





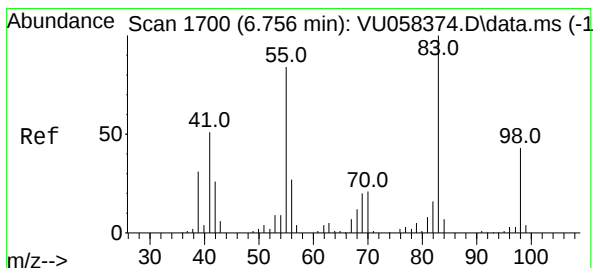
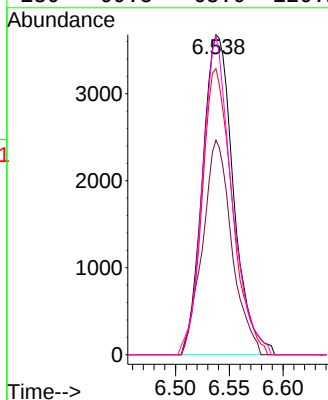
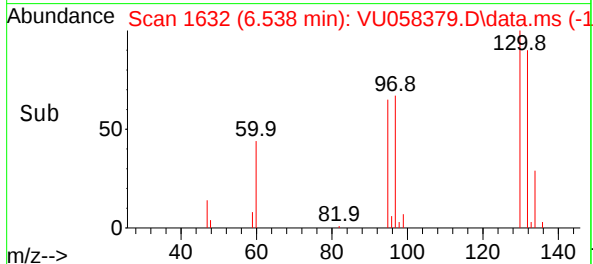
#34
Trichloroethene
Concen: 1.309 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 7352

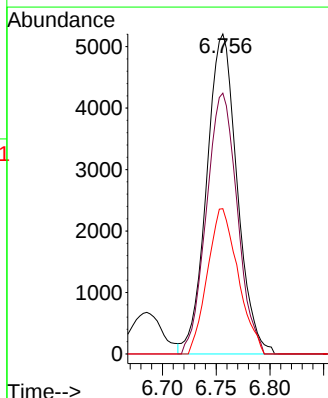
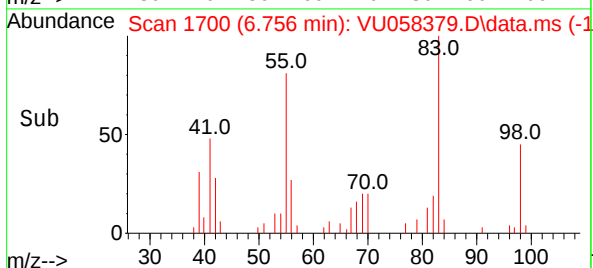
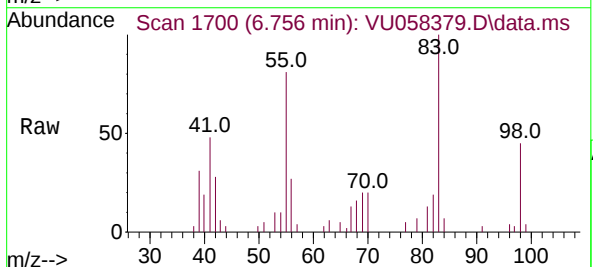
Ion	Ratio	Lower	Upper
95	100		
97	67.0	45.6	84.6
132	89.4	64.8	120.3
130	99.5	68.0	126.2

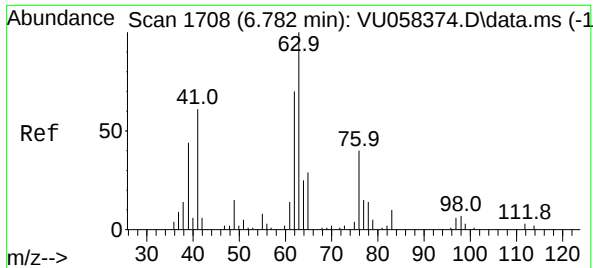


#35
Methylcyclohexane
Concen: 1.270 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

Tgt Ion: 83 Resp: 10266

Ion	Ratio	Lower	Upper
83	100		
55	82.3	66.2	99.4
98	45.5	34.6	52.0

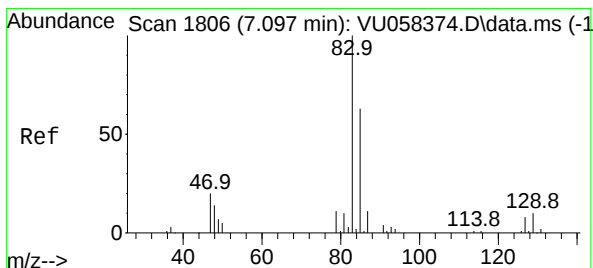
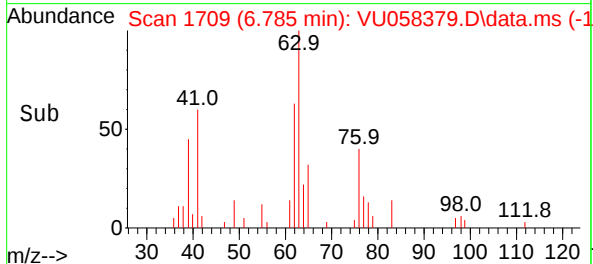
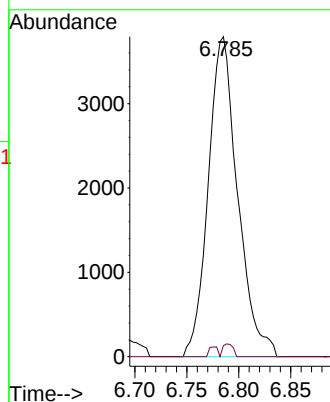
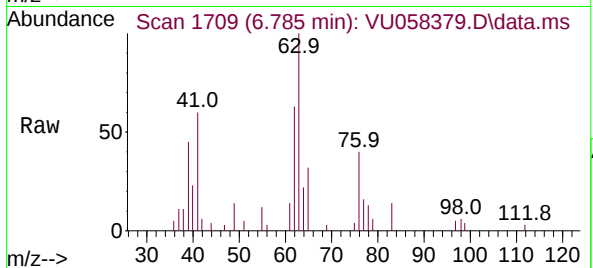




#37
1,2-Dichloropropane
Concen: 1.240 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

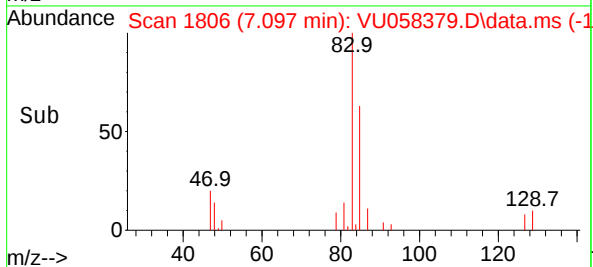
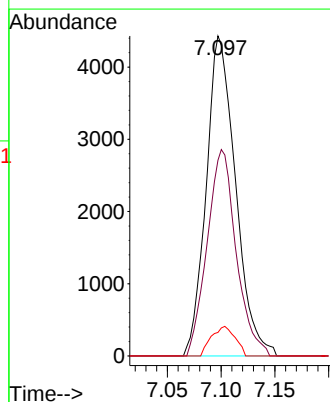
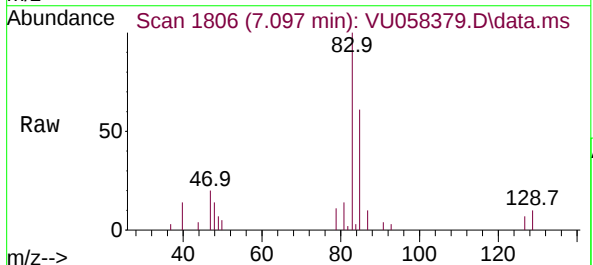
Instrument :
MSVOA_U
ClientSampleId :

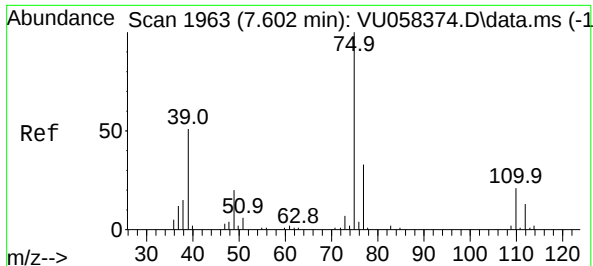
Tgt Ion: 63 Resp: 7466
Ion Ratio Lower Upper
63 100
112 1.4 2.6 4.0#



#38
Bromodichloromethane
Concen: 1.227 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

Tgt Ion: 83 Resp: 8412
Ion Ratio Lower Upper
83 100
85 61.1 44.2 82.2
127 7.3 6.5 9.7

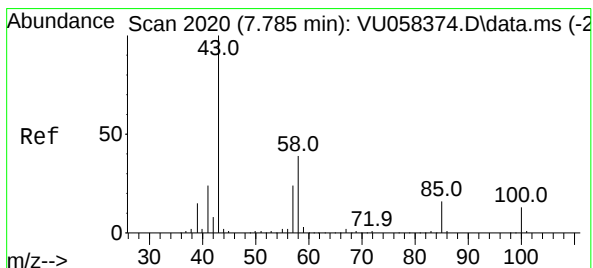
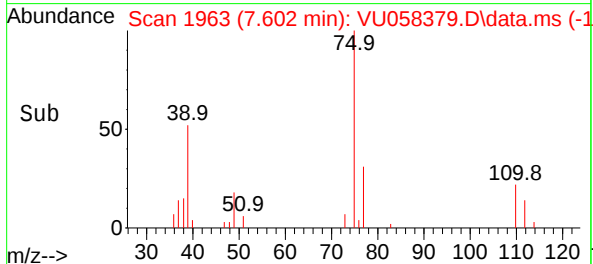
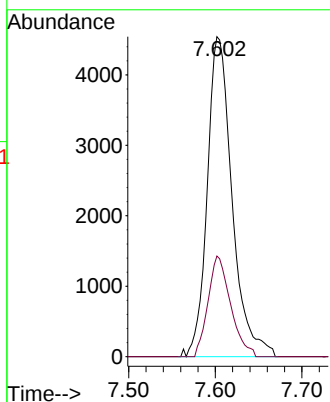
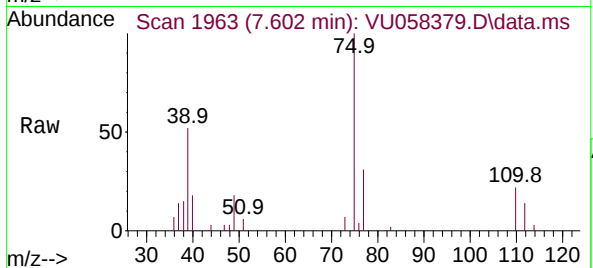




#39
 cis-1,3-Dichloropropene
 Concen: 1.196 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058379.D
 Acq: 04 Apr 2024 20:02

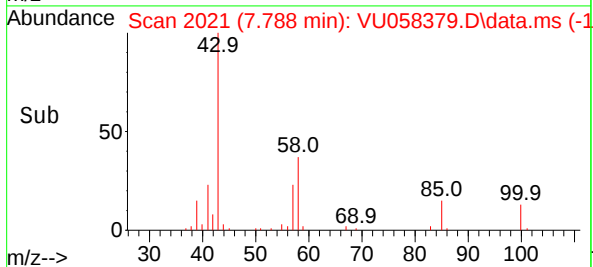
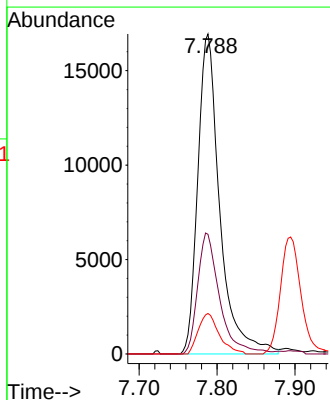
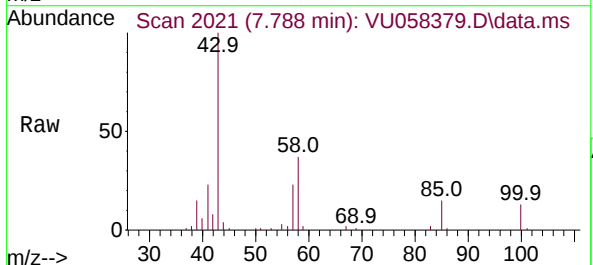
Instrument :
 MSVOA_U
 ClientSampleId :

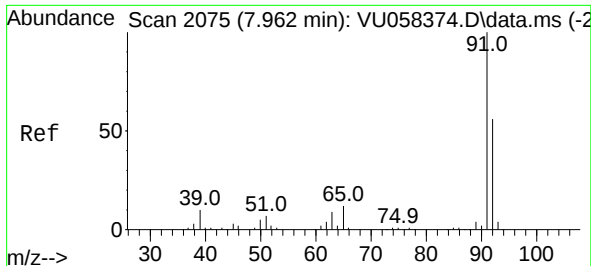
Tgt Ion: 75 Resp: 9059
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 11.089 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.003 min
 Lab File: VU058379.D
 Acq: 04 Apr 2024 20:02

Tgt Ion: 43 Resp: 33217
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.4 45.6
 100 12.0 10.3 15.5





#42

Toluene

Concen: 1.242 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

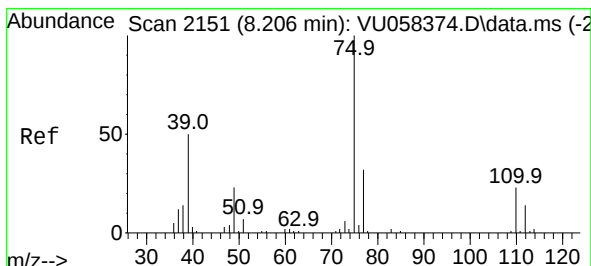
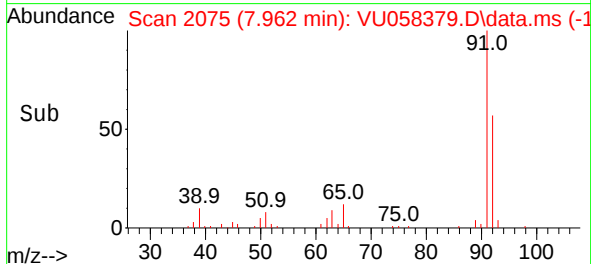
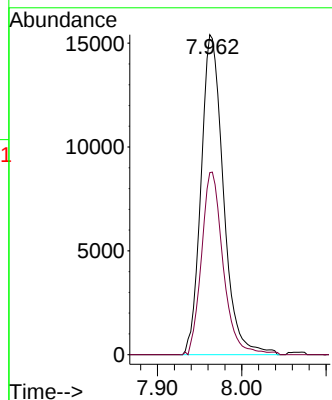
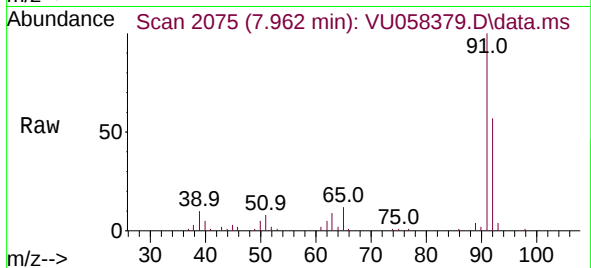
ClientSampleId :

Tgt Ion: 91 Resp: 28458

Ion Ratio Lower Upper

91 100

92 56.9 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 1.137 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU058379.D

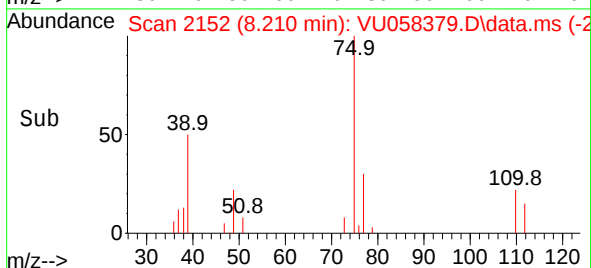
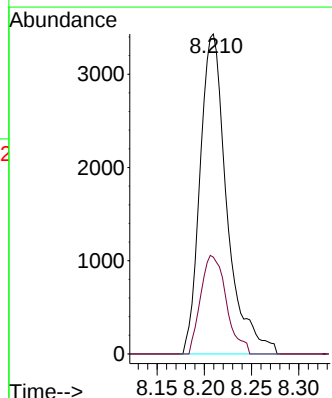
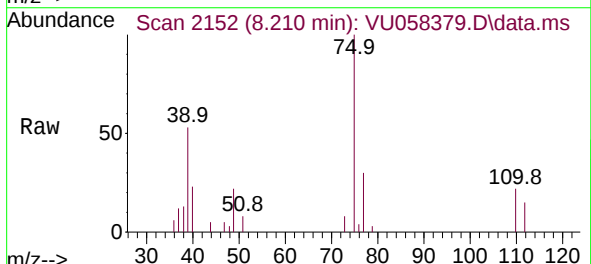
Acq: 04 Apr 2024 20:02

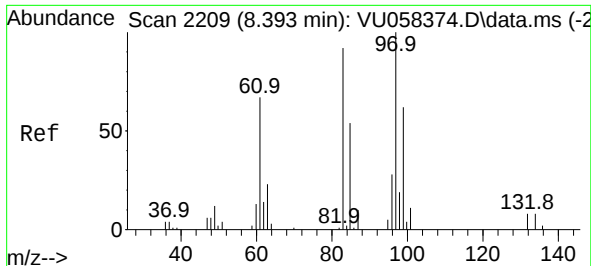
Tgt Ion: 75 Resp: 6766

Ion Ratio Lower Upper

75 100

77 30.3 22.2 41.2



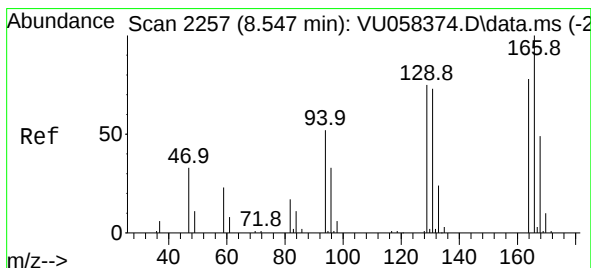
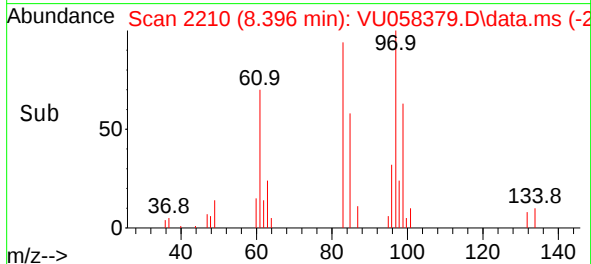
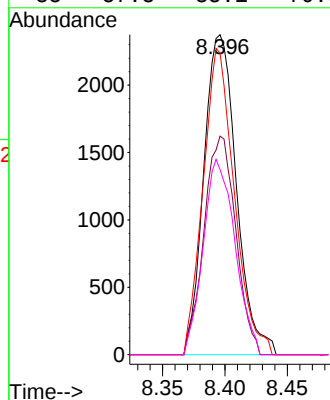
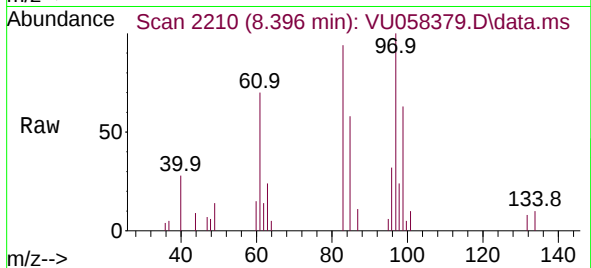


#45
1,1,2-Trichloroethane
Concen: 1.158 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 4321

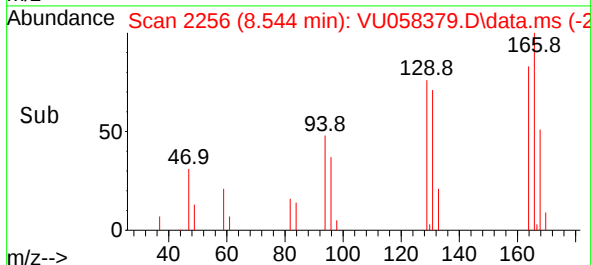
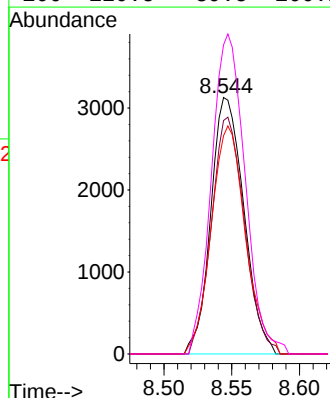
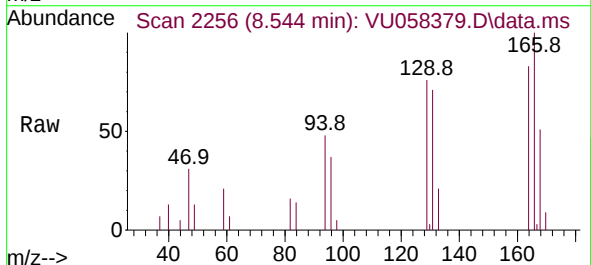
Ion	Ratio	Lower	Upper
97	100		
99	68.3	43.7	81.1
83	94.2	64.5	119.7
85	57.8	38.1	70.9

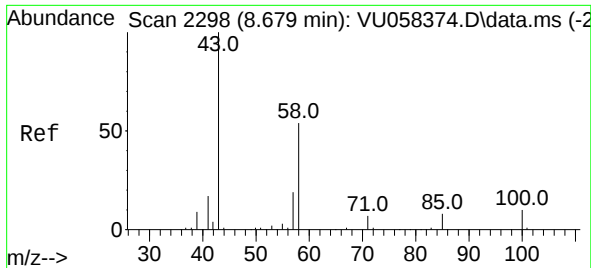


#47
Tetrachloroethene
Concen: 1.386 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

Tgt Ion: 164 Resp: 5306

Ion	Ratio	Lower	Upper
164	100		
129	91.0	67.3	125.1
131	85.1	65.5	121.6
166	120.5	89.5	166.1

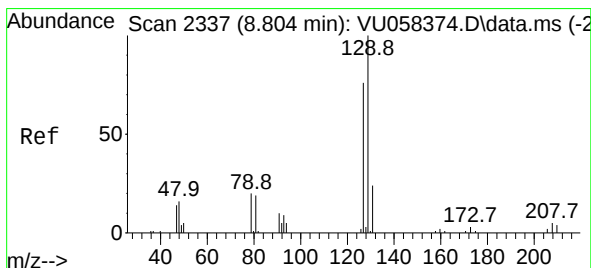
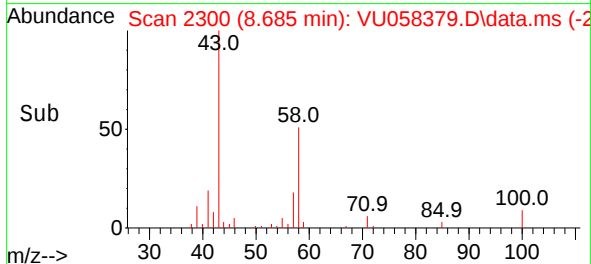
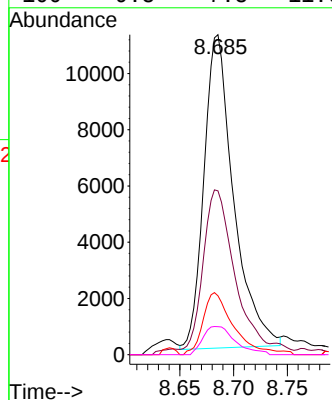
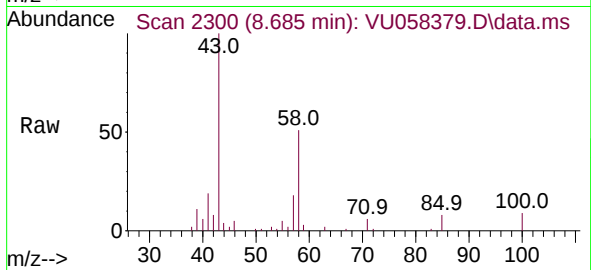




#48
2-Hexanone
Concen: 9.784 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.007 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

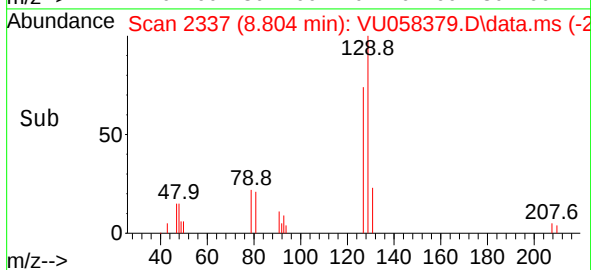
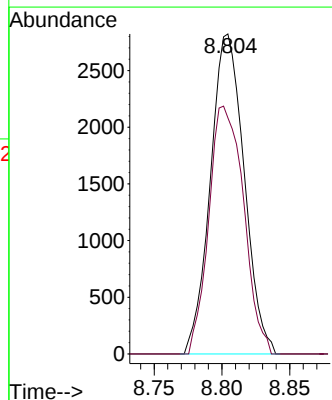
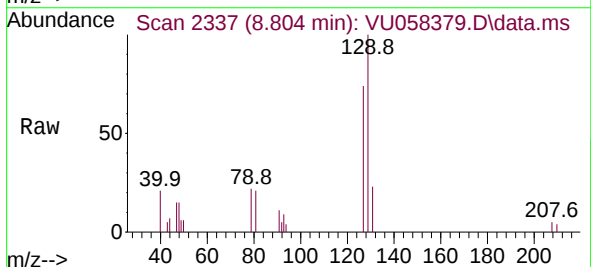
Instrument :
MSVOA_U
ClientSampleId :

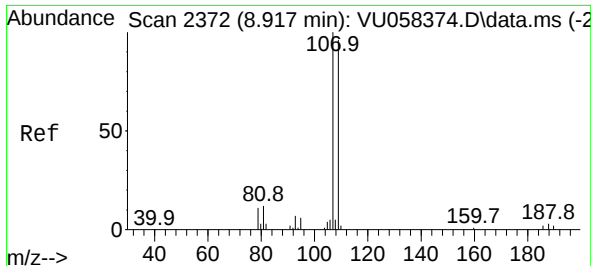
Tgt Ion:	43	Resp:	21408
Ion Ratio	Lower	Upper	
43	100		
58	57.6	43.2	64.8
57	20.5	15.4	23.0
100	9.8	7.8	11.6



#49
Dibromochloromethane
Concen: 1.189 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

Tgt Ion:	129	Resp:	4889
Ion Ratio	Lower	Upper	
129	100		
127	73.8	53.5	99.5





#50

1,2-Dibromoethane

Concen: 1.256 ug/L

RT: 8.920 min Scan# 24

Delta R.T. 0.003 min

Lab File: VU058379.D

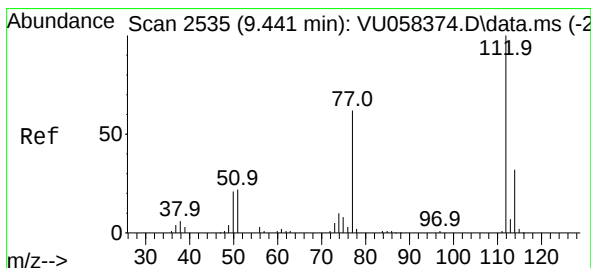
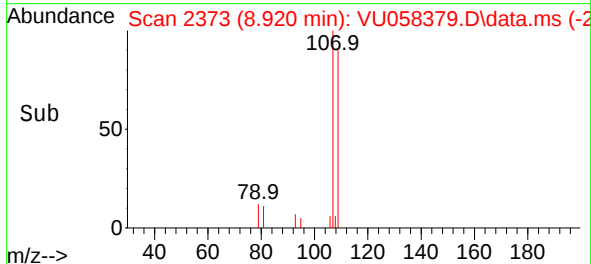
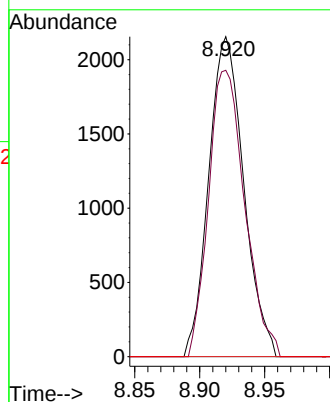
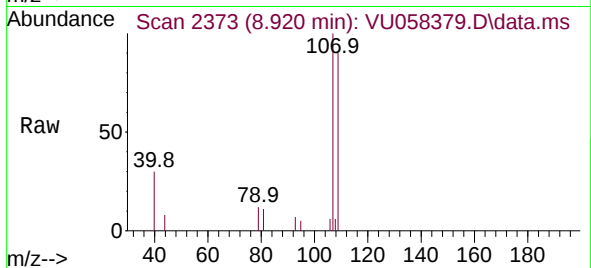
Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	4034
Ion	Ratio	Lower	Upper
107	100		
109	89.5	67.3	124.9
188	0.0	2.5	3.7#



#51

Chlorobenzene

Concen: 1.255 ug/L

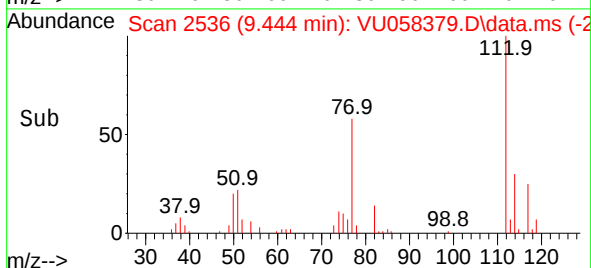
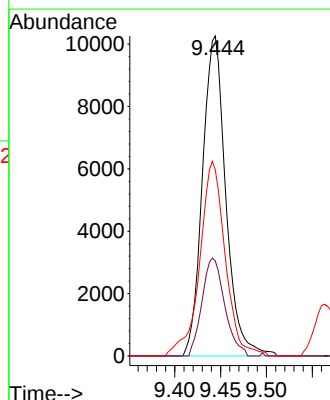
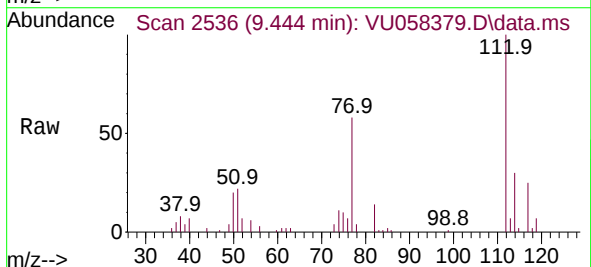
RT: 9.444 min Scan# 2536

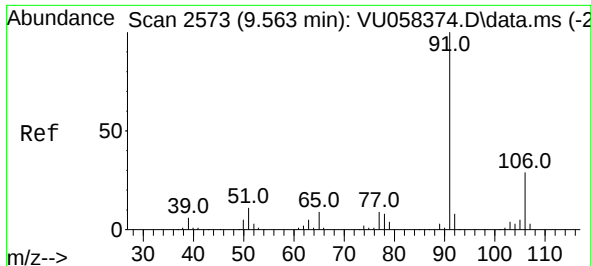
Delta R.T. 0.003 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Tgt Ion:	112	Resp:	18237
Ion	Ratio	Lower	Upper
112	100		
114	29.7	22.4	41.6
77	58.2	50.1	75.1





#52

Ethylbenzene

Concen: 1.200 ug/L

RT: 9.566 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

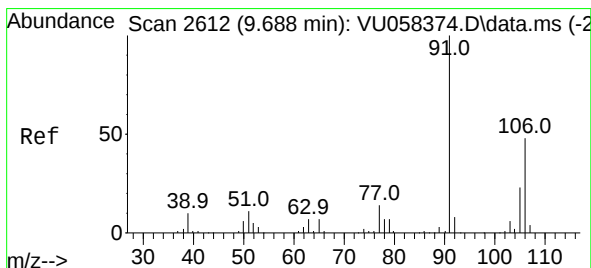
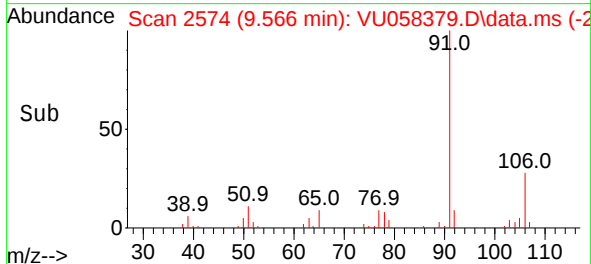
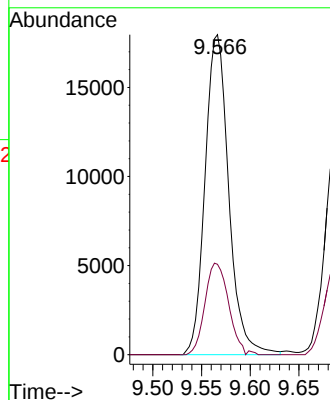
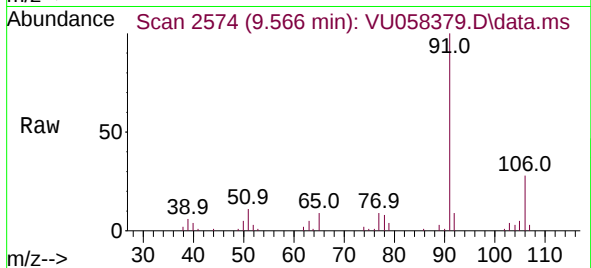
ClientSampleId :

Tgt Ion: 91 Resp: 30425

Ion Ratio Lower Upper

91 100

106 28.2 20.6 38.4



#53

m,p-Xylene

Concen: 1.143 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU058379.D

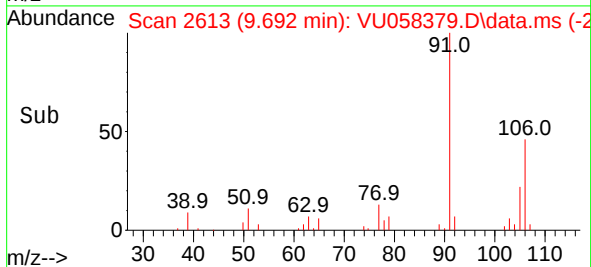
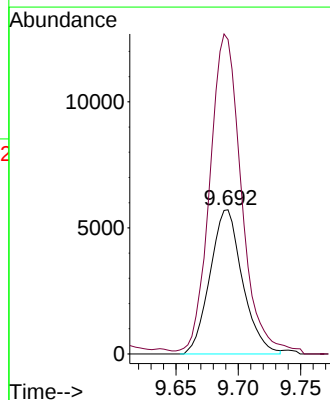
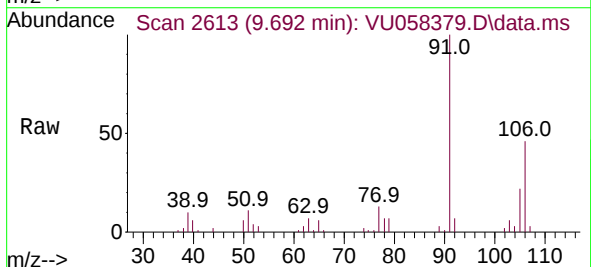
Acq: 04 Apr 2024 20:02

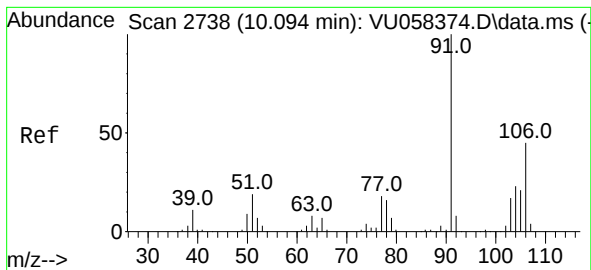
Tgt Ion:106 Resp: 10373

Ion Ratio Lower Upper

106 100

91 218.2 147.8 274.4





#54

o-Xylene

Concen: 1.120 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

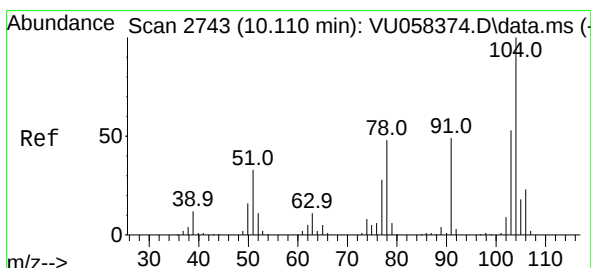
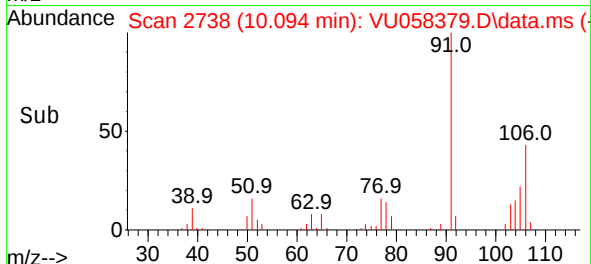
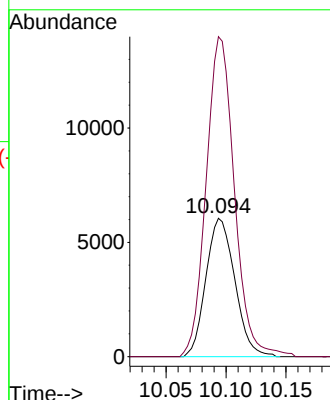
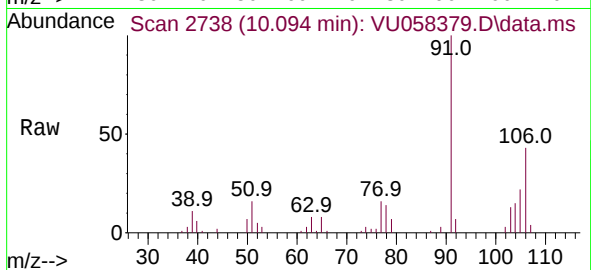
ClientSampleId :

Tgt Ion:106 Resp: 10157

Ion Ratio Lower Upper

106 100

91 231.3 156.9 291.5



#55

Styrene

Concen: 1.104 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU058379.D

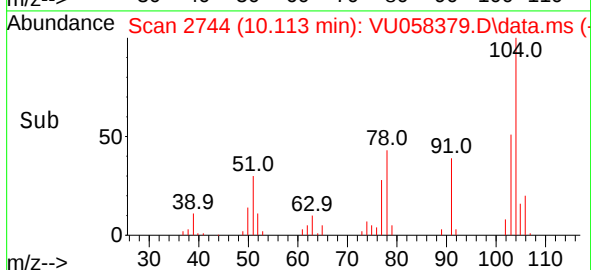
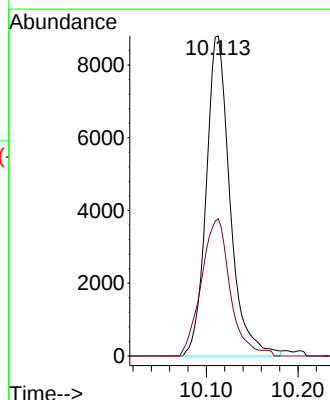
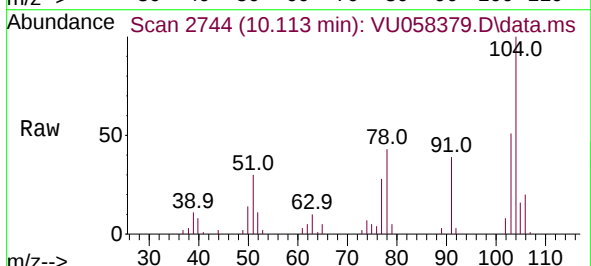
Acq: 04 Apr 2024 20:02

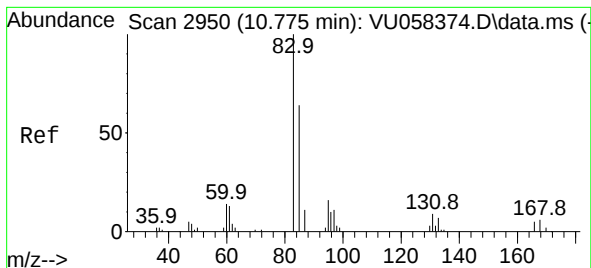
Tgt Ion:104 Resp: 15889

Ion Ratio Lower Upper

104 100

78 42.9 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 1.210 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

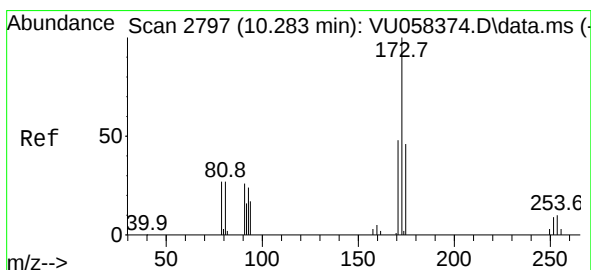
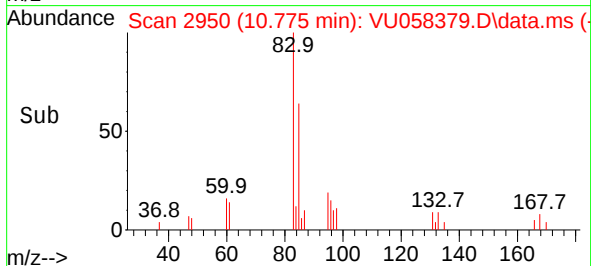
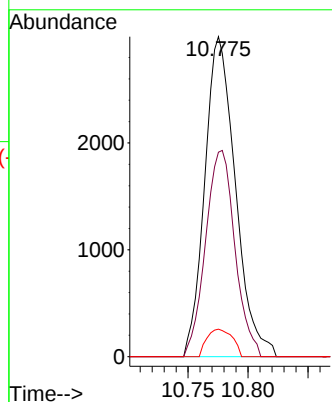
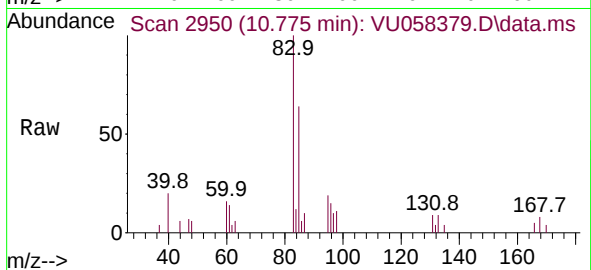
Tgt Ion: 83 Resp: 5320

Ion Ratio Lower Upper

83 100

85 69.6 45.1 83.7

131 8.6 6.9 10.3



#59

Bromoform

Concen: 1.167 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

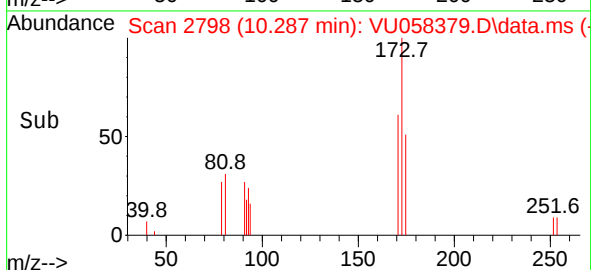
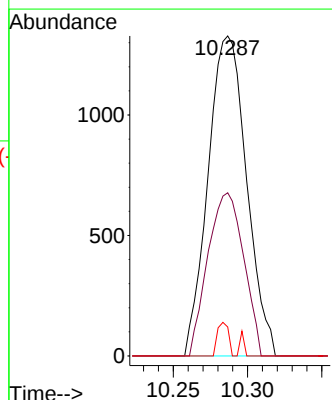
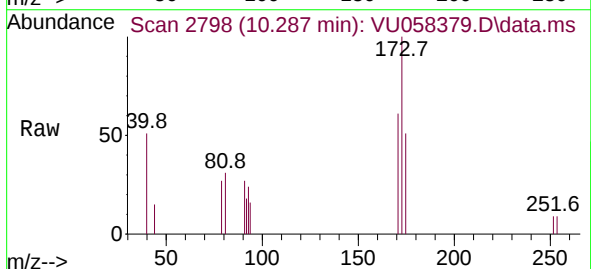
Tgt Ion:173 Resp: 2395

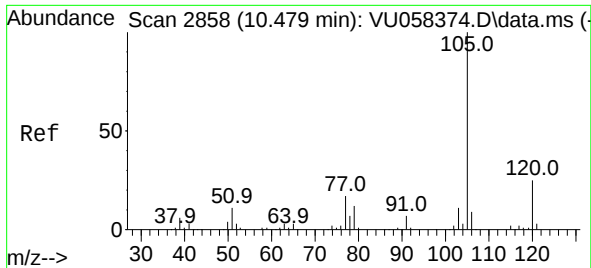
Ion Ratio Lower Upper

173 100

175 47.4 38.0 57.0

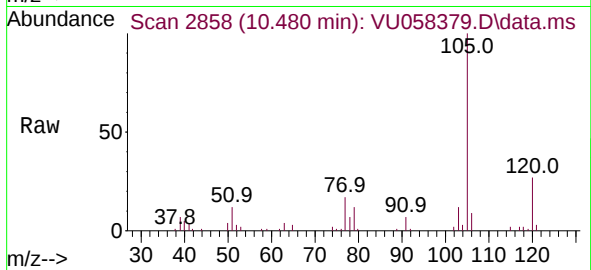
254 3.0 7.5 11.3#



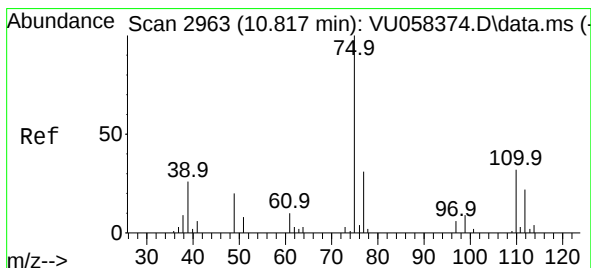
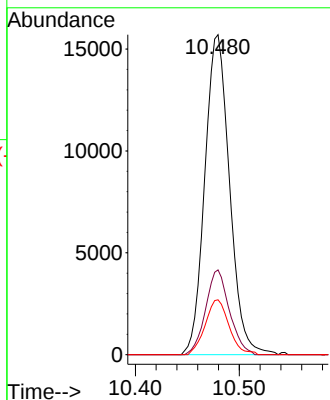
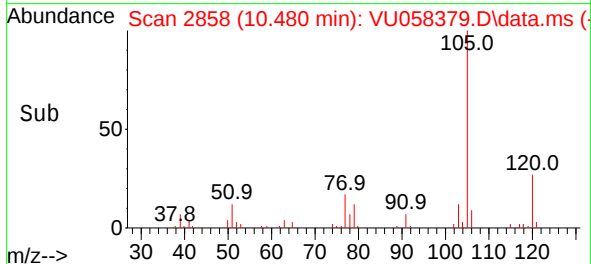


#60
Isopropylbenzene
Concen: 1.120 ug/L
RT: 10.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

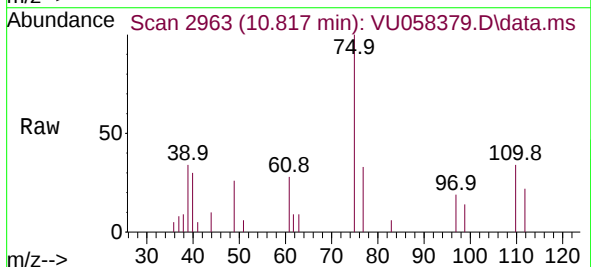
Instrument :
MSVOA_U
ClientSampleId :



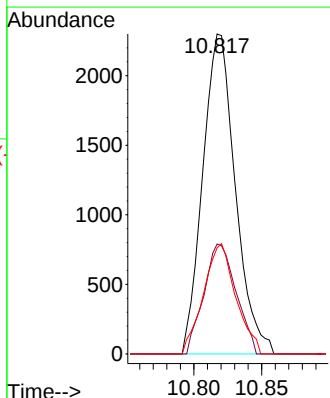
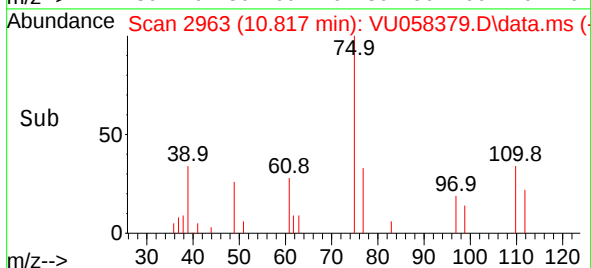
Tgt Ion:105 Resp: 25994
Ion Ratio Lower Upper
105 100
120 25.4 20.2 30.4
77 16.5 13.5 20.3

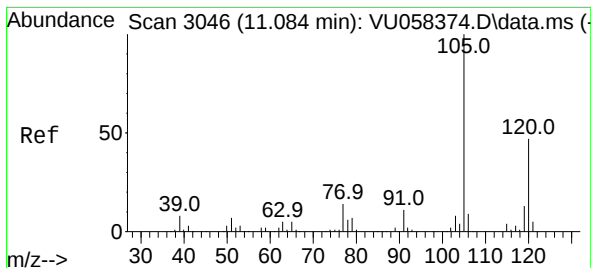


#61
1,2,3-Trichloropropane
Concen: 1.186 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02



Tgt Ion: 75 Resp: 3841
Ion Ratio Lower Upper
75 100
110 34.0 25.8 38.6
77 34.2 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 1.033 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

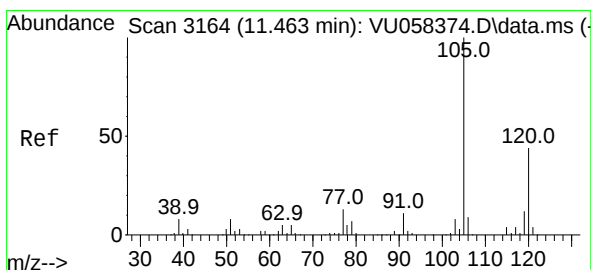
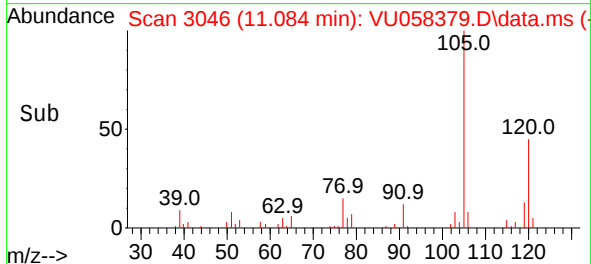
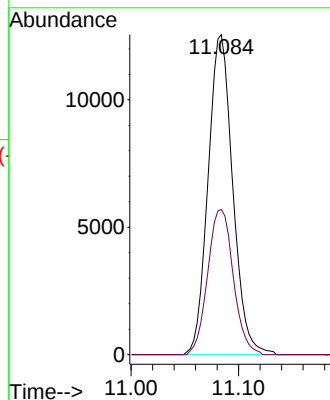
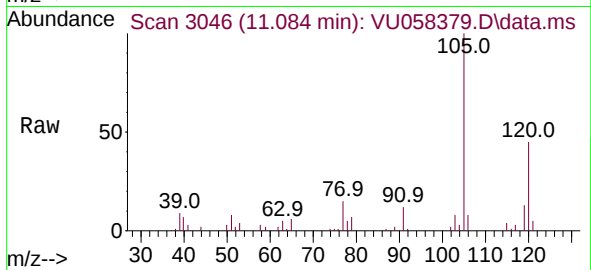
ClientSampleId :

Tgt Ion:105 Resp: 20009

Ion Ratio Lower Upper

105 100

120 47.1 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 1.058 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058379.D

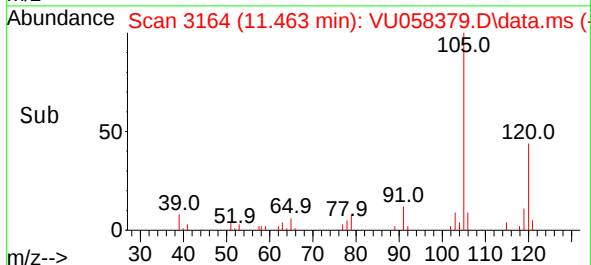
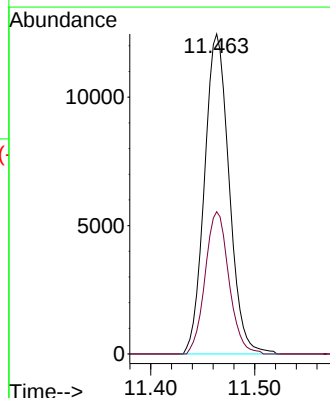
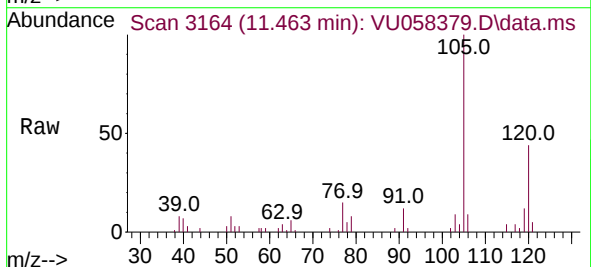
Acq: 04 Apr 2024 20:02

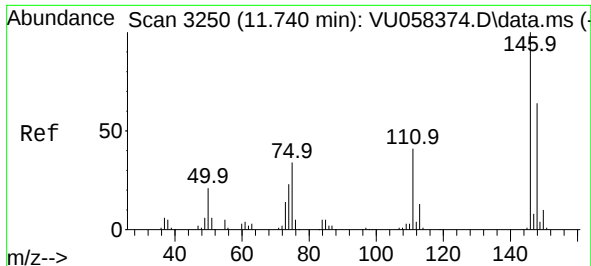
Tgt Ion:105 Resp: 20528

Ion Ratio Lower Upper

105 100

120 42.9 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 1.191 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

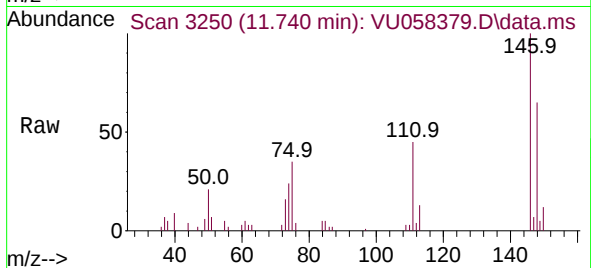
Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :



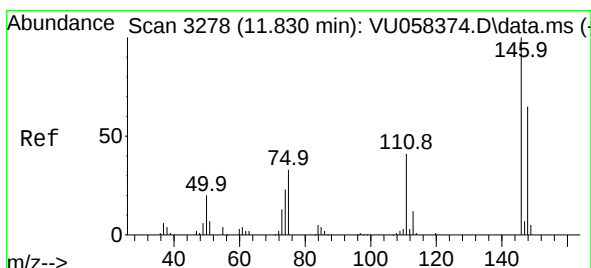
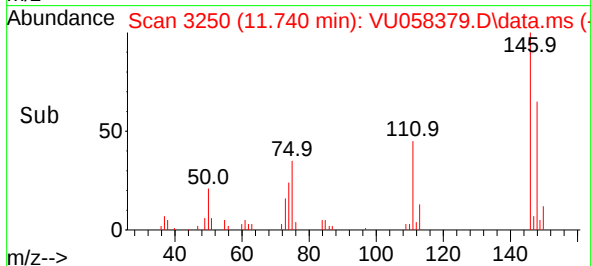
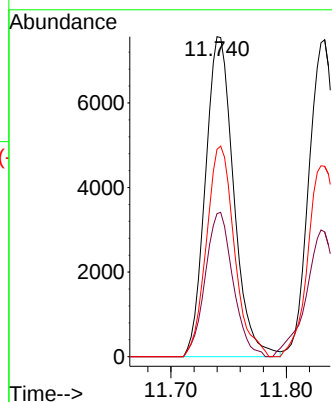
Tgt Ion:146 Resp: 12875

Ion Ratio Lower Upper

146 100

111 44.7 28.8 53.4

148 64.8 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 1.270 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

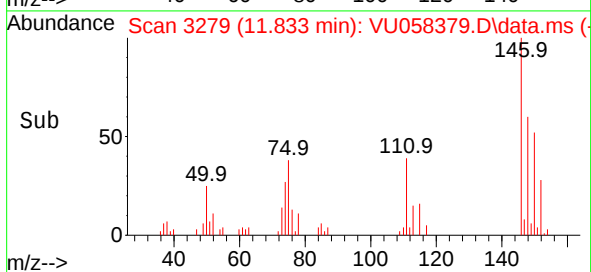
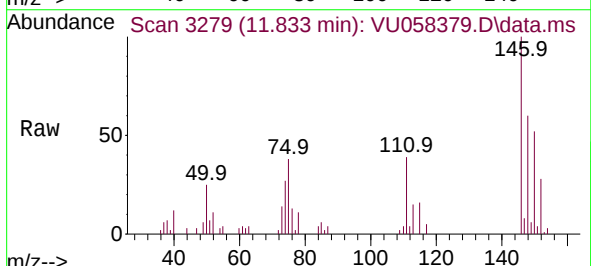
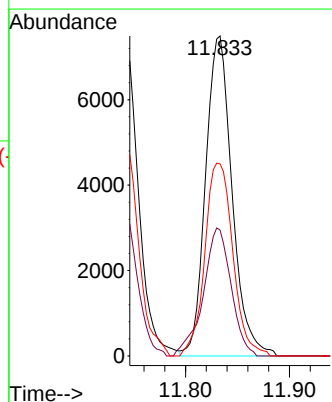
Tgt Ion:146 Resp: 13265

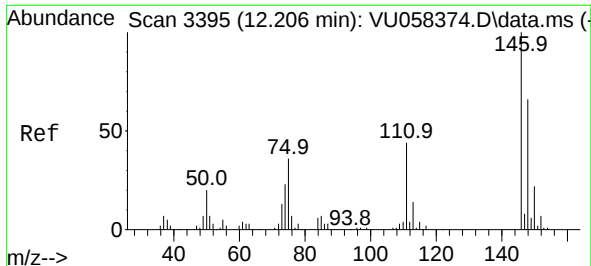
Ion Ratio Lower Upper

146 100

111 39.4 28.8 53.6

148 60.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 1.166 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

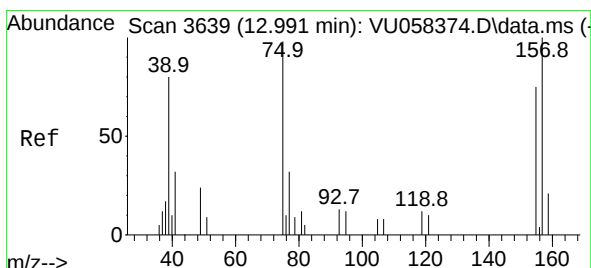
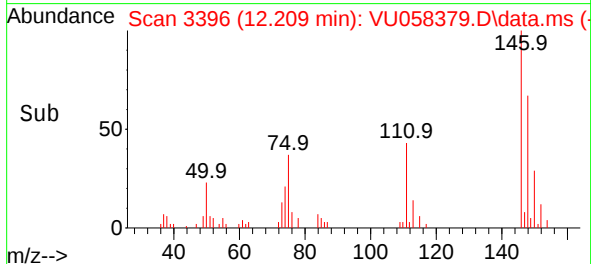
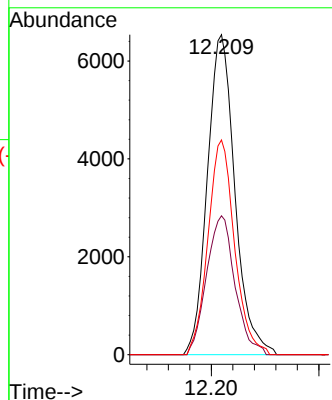
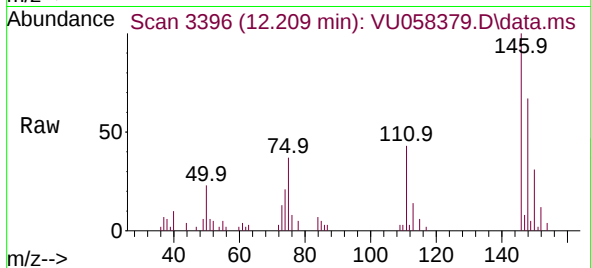
Tgt Ion:146 Resp: 11621

Ion Ratio Lower Upper

146 100

111 43.4 35.0 52.4

148 67.1 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 1.181 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.007 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

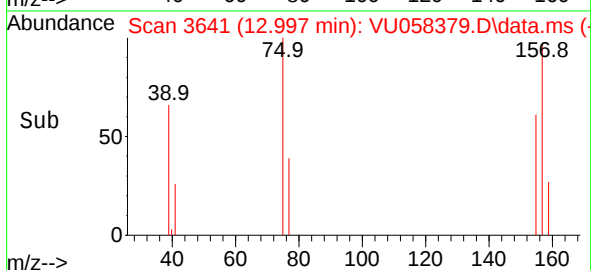
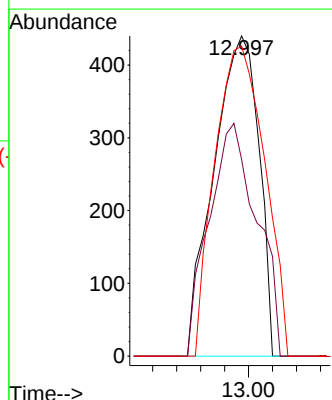
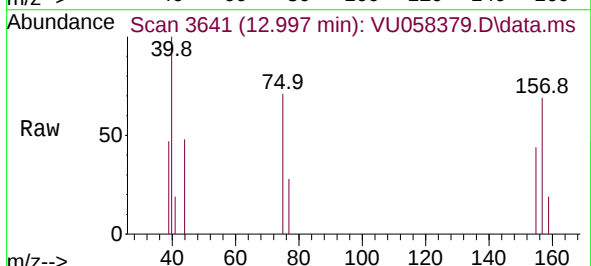
Tgt Ion: 75 Resp: 575

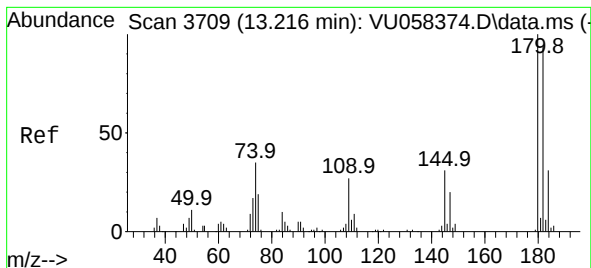
Ion Ratio Lower Upper

75 100

155 61.4 61.4 92.0

157 96.8 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 1.246 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

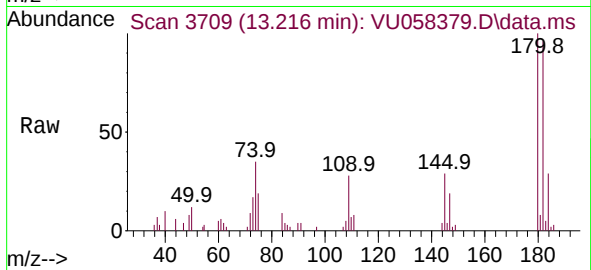
Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 9541

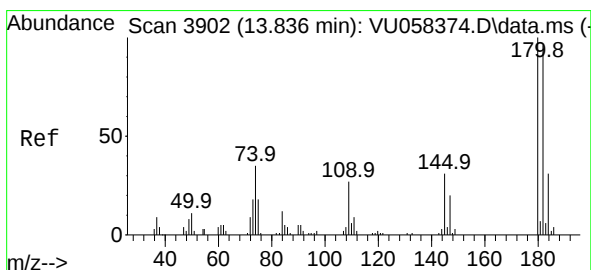
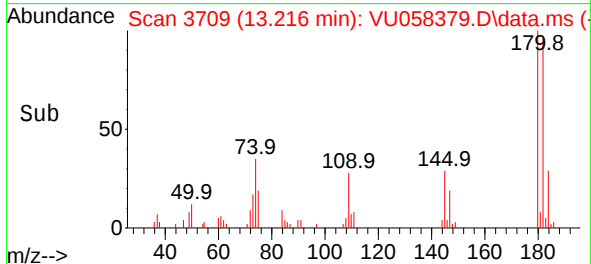
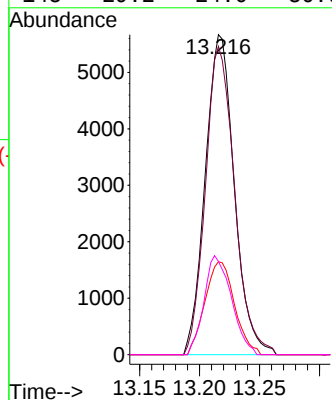
Ion Ratio Lower Upper

180 100

182 96.2 75.7 113.5

184 29.6 24.3 36.5

145 29.2 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 1.203 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058379.D

Acq: 04 Apr 2024 20:02

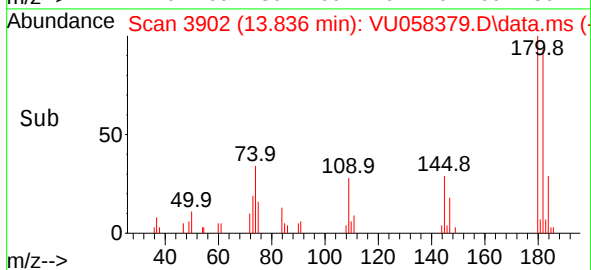
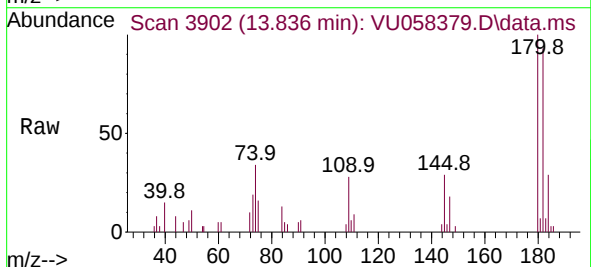
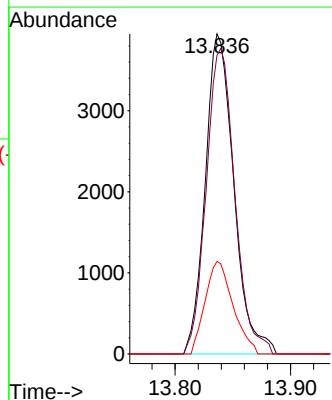
Tgt Ion:180 Resp: 6776

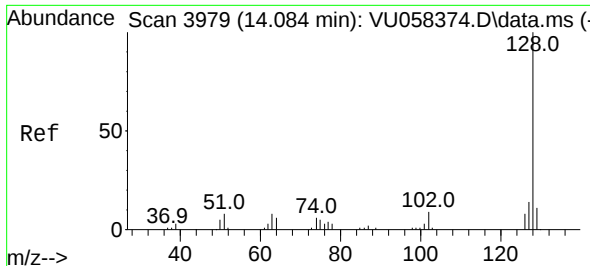
Ion Ratio Lower Upper

180 100

182 95.9 74.4 111.6

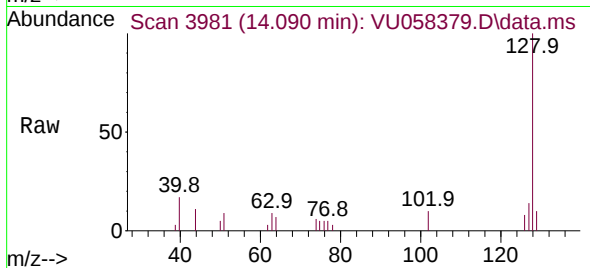
145 28.3 24.1 36.1



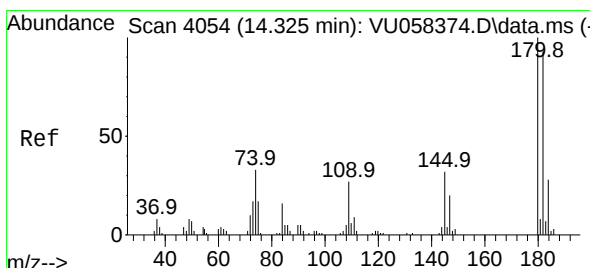
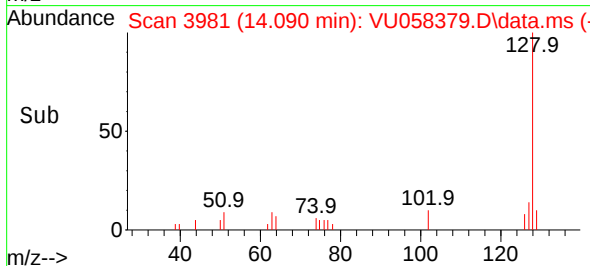
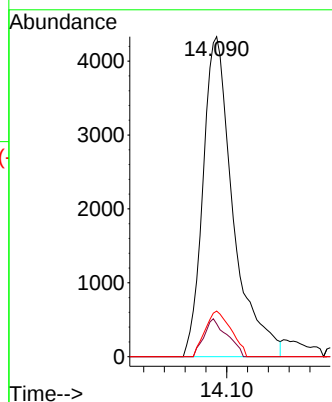


#71
Naphthalene
Concen: 1.157 ug/L
RT: 14.090 min Scan# 3979
Delta R.T. 0.007 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 8713
Ion Ratio Lower Upper
128 100
129 9.0 8.6 13.0
127 12.3 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 1.220 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU058379.D
Acq: 04 Apr 2024 20:02

Tgt Ion:180 Resp: 5637
Ion Ratio Lower Upper
180 100
182 98.1 75.9 113.9
145 32.3 25.2 37.8

