

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055711.D
 Acq On : 10 Oct 2023 10:16
 Operator : MD/SY
 Sample : VSTD01036
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 04:59:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 04:58:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	375103	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	390846	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	214070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	33003	11.132	ug/L	0.00
7) Chloroethane-d5	1.914	69	27478	9.626	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.570	63	59371	13.245	ug/L	0.00
21) 2-Butanone-d5	4.621	46	47853	24.105	ug/L	0.00
24) Chloroform-d	5.058	84	63550	12.997	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	39219	13.214	ug/L	0.00
32) Benzene-d6	5.724	84	117015	11.744	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	37208	11.193	ug/L	0.00
41) Toluene-d8	7.897	98	102273	10.871	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	17500	10.459	ug/L	0.00
47) 2-Hexanone-d5	8.630	63	24350	16.304	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59278	10.211	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	40140	10.713	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	33016	11.591	ug/L	99
3) Chloromethane	1.518	50	30387	9.674	ug/L	97
5) Vinyl chloride	1.602	62	33909	8.569	ug/L	97
6) Bromomethane	1.856	94	20886	8.533	ug/L	97
8) Chloroethane	1.933	64	21761	8.016	ug/L	99
9) Trichlorofluoromethane	2.139	101	48598	7.814	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.583	101	30622	12.102	ug/L	99
12) 1,1-Dichloroethene	2.579	96	27610	11.714	ug/L	98
13) Acetone	2.621	43	48405	28.302	ug/L	99
14) Carbon disulfide	2.795	76	83528	11.972	ug/L	98
15) Methyl Acetate	2.943	43	36396	13.112	ug/L	97
16) Methylene chloride	3.042	84	34745	12.177	ug/L	98
17) trans-1,2-Dichloroethene	3.354	96	27529	11.271	ug/L	95
18) Methyl tert-butyl Ether	3.357	73	84301	10.115	ug/L	99
19) 1,1-Dichloroethane	3.865	63	58103	12.282	ug/L	97
20) cis-1,2-Dichloroethene	4.669	96	30847	10.666	ug/L	95
22) 2-Butanone	4.701	43	51493	22.562	ug/L	99
23) Bromochloromethane	4.971	128	16529	11.170	ug/L	94
25) Chloroform	5.081	83	60488	12.205	ug/L	94
27) 1,2-Dichloroethane	5.791	62	48758	12.738	ug/L	98
29) Cyclohexane	5.386	56	40999	9.453	ug/L	97
30) 1,1,1-Trichloroethane	5.316	97	51215	11.568	ug/L	98
31) Carbon tetrachloride	5.521	117	44292	11.577	ug/L	97
33) Benzene	5.772	78	123502	10.885	ug/L	100
34) Trichloroethene	6.541	95	35111	12.050	ug/L	96
35) Methylcyclohexane	6.759	83	45132	9.669	ug/L	96
37) 1,2-Dichloropropane	6.788	63	35068	11.201	ug/L	98
38) Bromodichloromethane	7.103	83	45822	11.438	ug/L	94
39) cis-1,3-Dichloropropene	7.605	75	47985	9.435	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	91296	19.387	ug/L	97
42) Toluene	7.968	91	127913	10.165	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	47419	9.881	ug/L	98

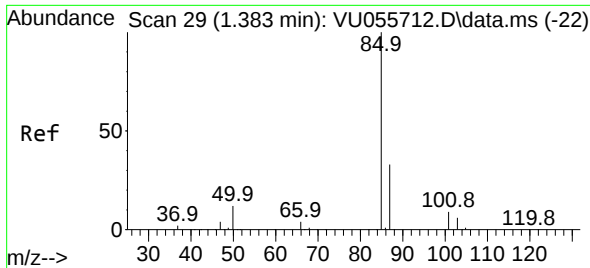
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
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 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 04:58:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.399	97	35041	11.097	ug/L	94
46) Tetrachloroethene	8.550	164	24594	11.159	ug/L	96
48) 2-Hexanone	8.682	43	72458	18.386	ug/L	98
49) Dibromochloromethane	8.804	129	33249	10.231	ug/L	100
50) 1,2-Dibromoethane	8.920	107	35934	10.616	ug/L	94
51) Chlorobenzene	9.444	112	84286	10.394	ug/L	99
52) Ethylbenzene	9.566	91	134780	9.398	ug/L	97
53) m,p-Xylene	9.692	106	50220	9.190	ug/L	95
54) o-Xylene	10.097	106	47336	8.589	ug/L	96
55) Styrene	10.113	104	78161	8.153	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	57197	9.437	ug/L	99
59) Bromoform	10.286	173	26275	9.955	ug/L	96
60) 1,2,3-Trichloropropane	10.817	75	48599	11.538	ug/L	99
61) Isopropylbenzene	10.483	105	125579	9.017	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	94731	8.271	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	90464	7.954	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	65963	10.138	ug/L	93
65) 1,4-Dichlorobenzene	11.833	146	67740	10.310	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	63922	9.821	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	13364	11.394	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.219	180	40868	9.414	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	32492	8.757	ug/L	97
71) Naphthalene	14.087	128	84893	7.052	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	32079	8.806	ug/L	98

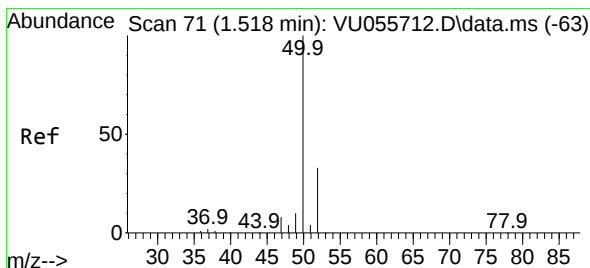
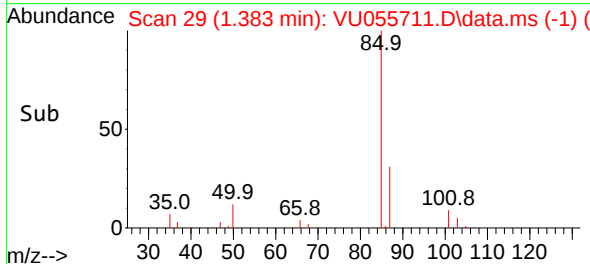
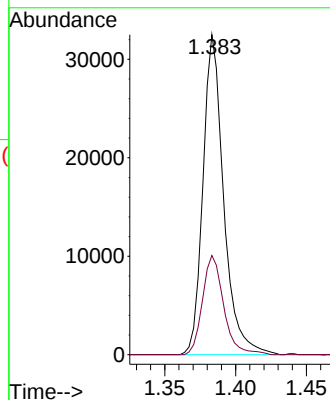
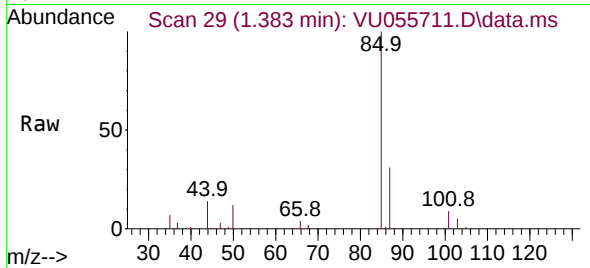
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 11.591 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055711.D
 Acq: 10 Oct 2023 10:16

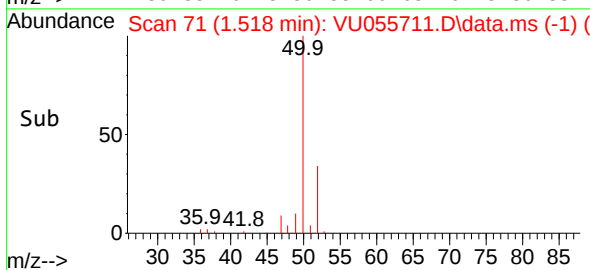
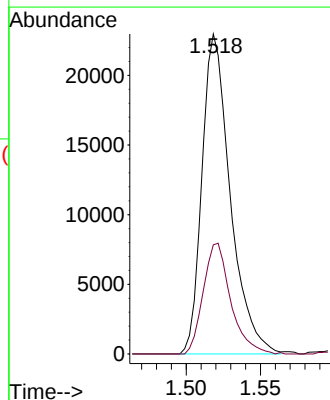
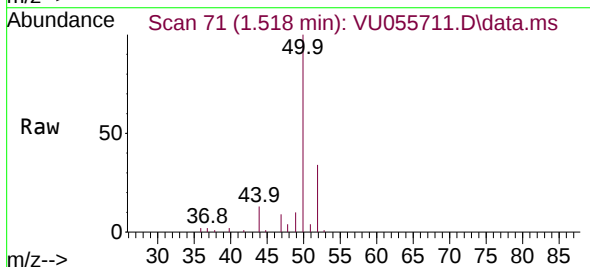
Instrument :
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 ClientSampleId :

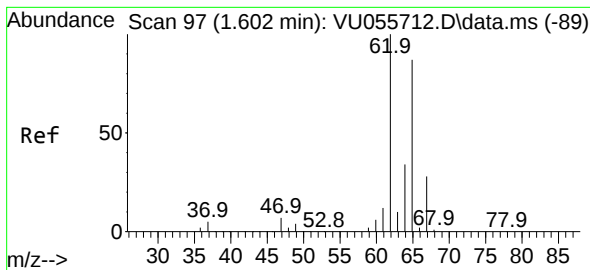
Tgt Ion: 85 Resp: 33016
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.0 39.0



#3
 Chloromethane
 Concen: 9.674 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU055711.D
 Acq: 10 Oct 2023 10:16

Tgt Ion: 50 Resp: 30387
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.8 42.4

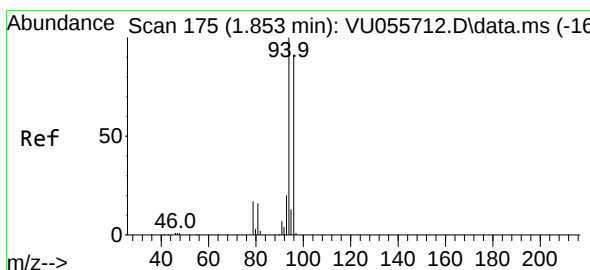
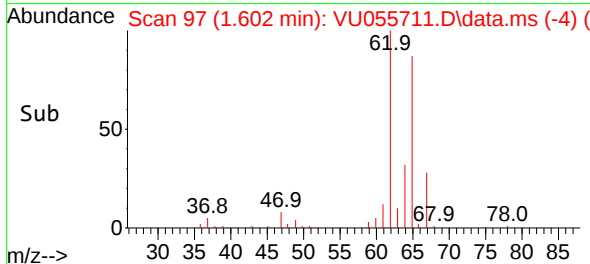
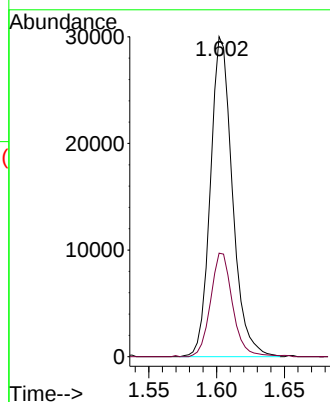
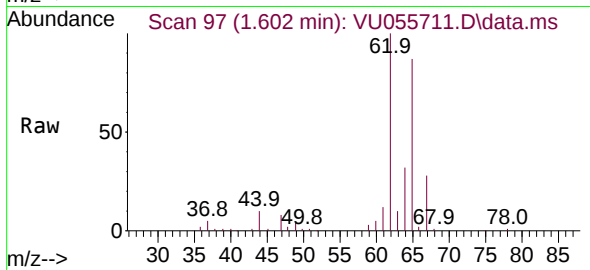




#5
 Vinyl chloride
 Concen: 8.569 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055711.D
 Acq: 10 Oct 2023 10:16

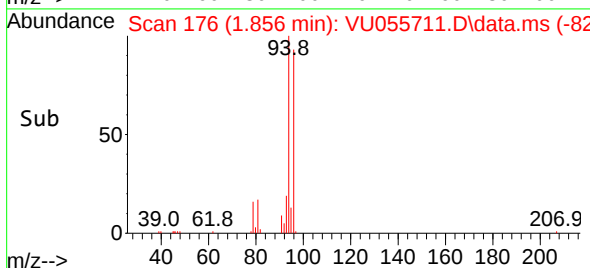
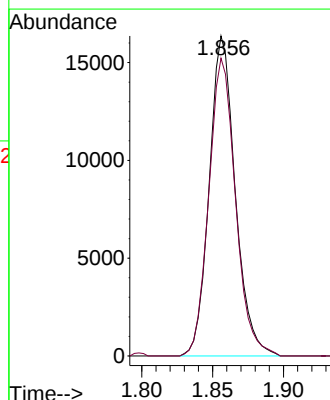
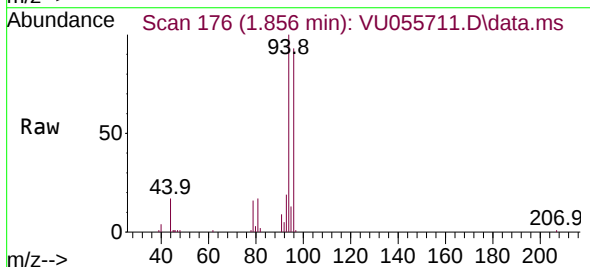
Instrument :
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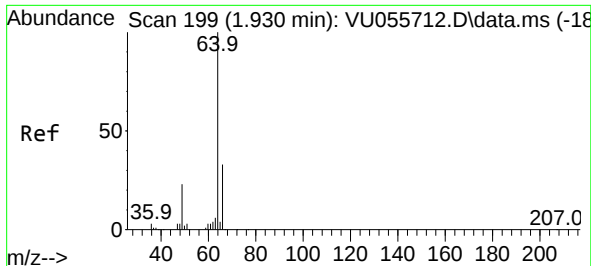
Tgt Ion: 62 Resp: 33909
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.9 44.5



#6
 Bromomethane
 Concen: 8.533 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU055711.D
 Acq: 10 Oct 2023 10:16

Tgt Ion: 94 Resp: 20886
 Ion Ratio Lower Upper
 94 100
 96 93.1 63.5 117.9

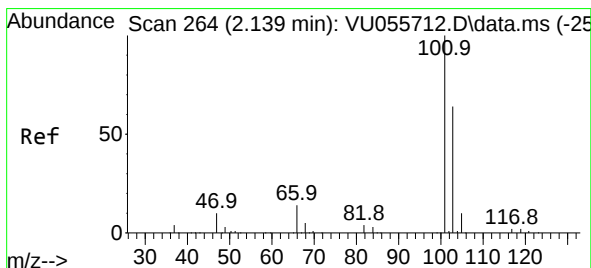
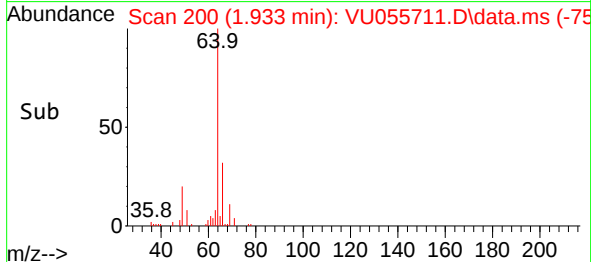
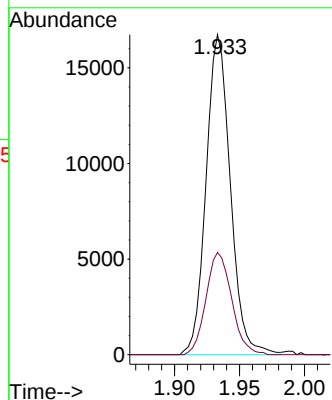
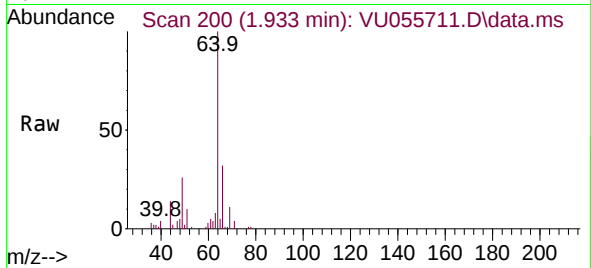




#8
Chloroethane
Concen: 8.016 ug/L
RT: 1.933 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

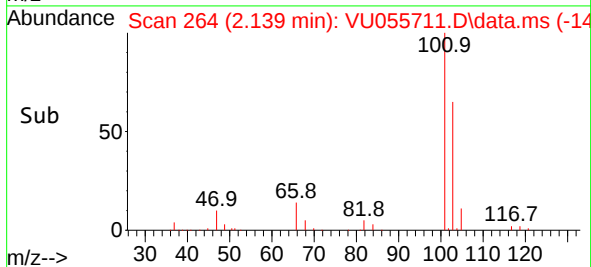
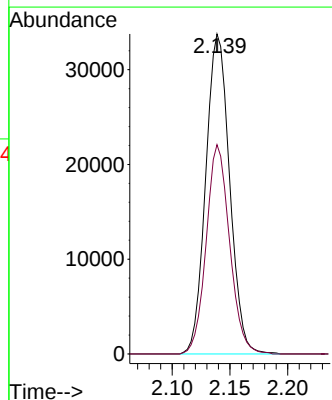
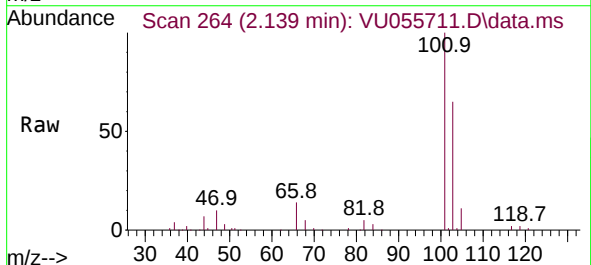
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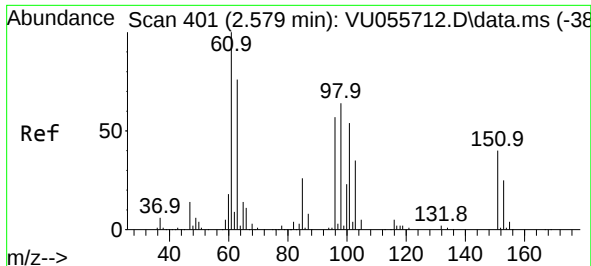
Tgt Ion: 64 Resp: 21761
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 7.814 ug/L
RT: 2.139 min Scan# 264
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Tgt Ion:101 Resp: 48598
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

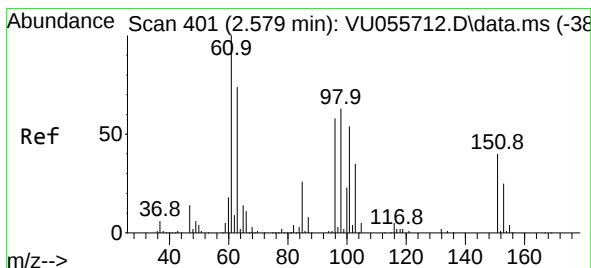
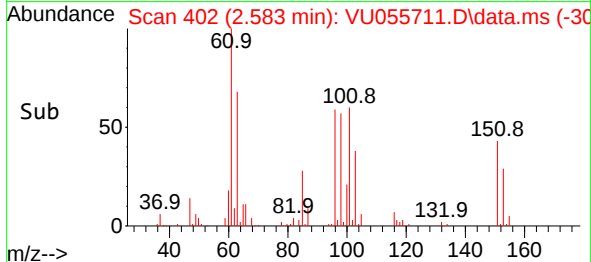
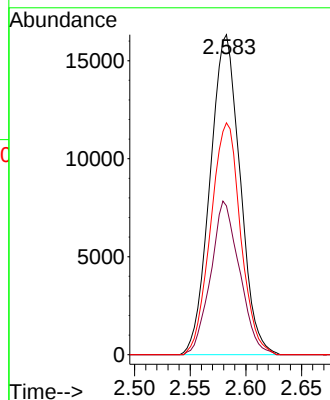
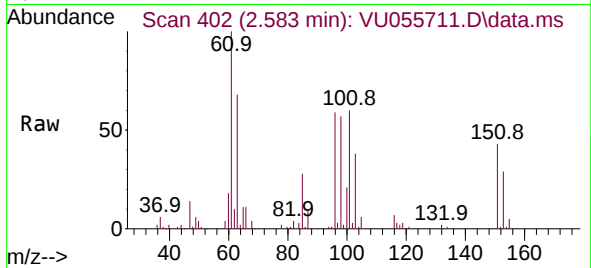




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.102 ug/L
 RT: 2.583 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055711.D
 Acq: 10 Oct 2023 10:16

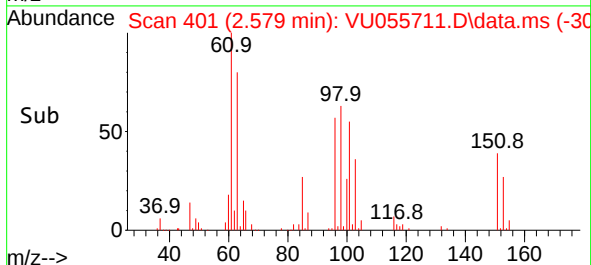
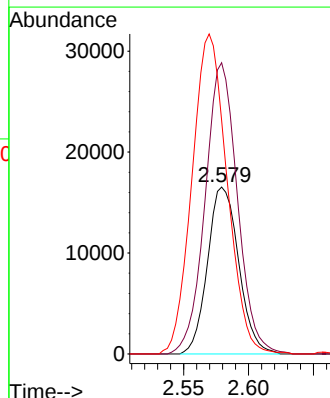
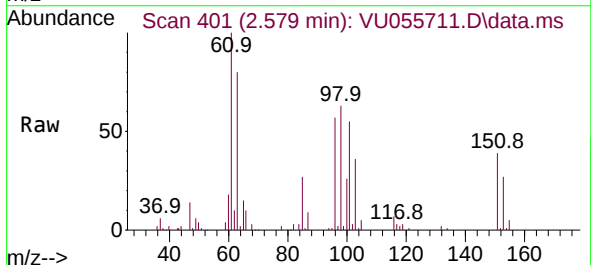
Instrument :
 MSVOA_U
 ClientSampleId :

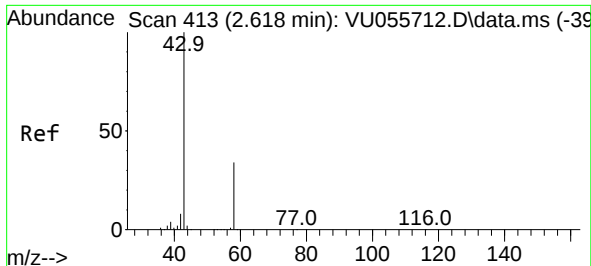
Tgt Ion:101 Resp: 30622
 Ion Ratio Lower Upper
 101 100
 85 46.1 37.1 55.7
 151 72.2 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 11.714 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU055711.D
 Acq: 10 Oct 2023 10:16

Tgt Ion: 96 Resp: 27610
 Ion Ratio Lower Upper
 96 100
 61 174.5 122.0 226.6
 63 140.0 93.7 174.1





#13

Acetone

Concen: 28.302 ug/L

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Instrument :

MSVOA_U

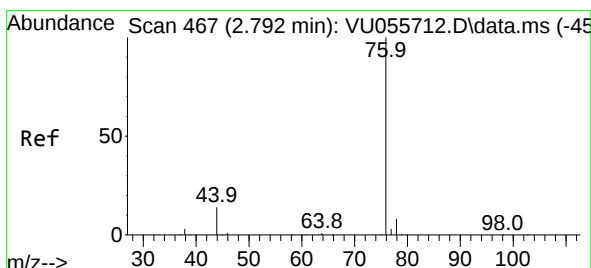
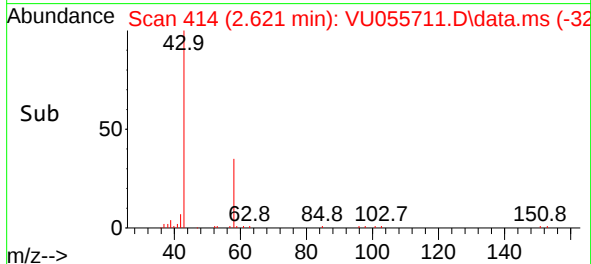
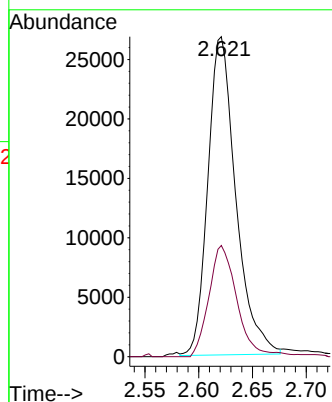
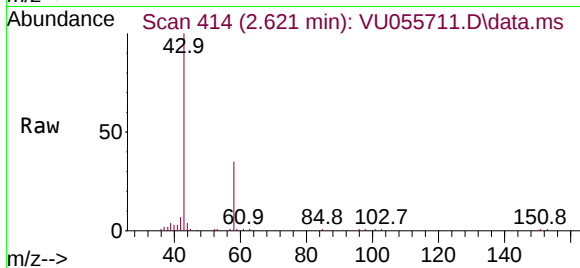
ClientSampleId :

Tgt Ion: 43 Resp: 48405

Ion Ratio Lower Upper

43 100

58 34.5 0.0 67.4



#14

Carbon disulfide

Concen: 11.972 ug/L

RT: 2.795 min Scan# 468

Delta R.T. 0.003 min

Lab File: VU055711.D

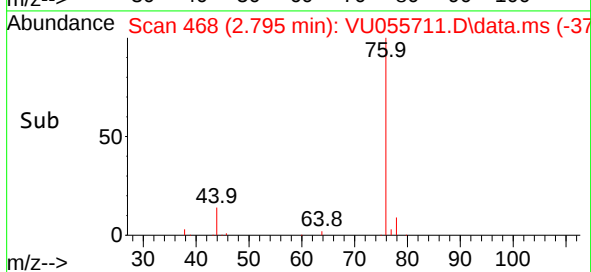
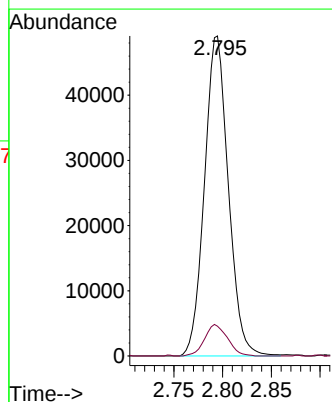
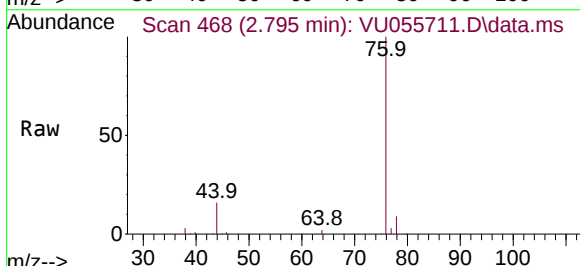
Acq: 10 Oct 2023 10:16

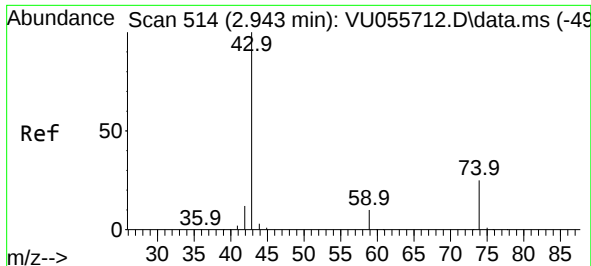
Tgt Ion: 76 Resp: 83528

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

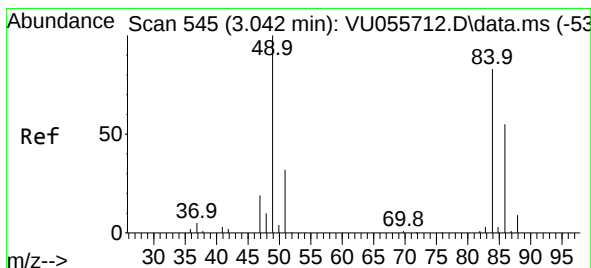
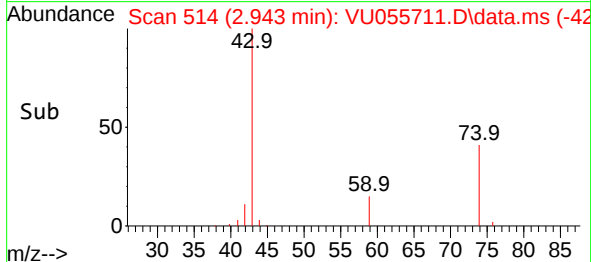
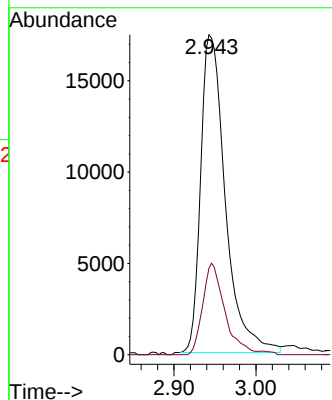
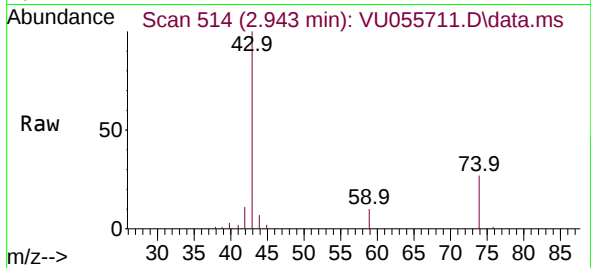




#15
Methyl Acetate
Concen: 13.112 ug/L
RT: 2.943 min Scan# 514
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

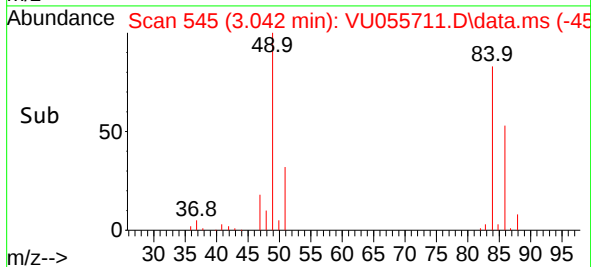
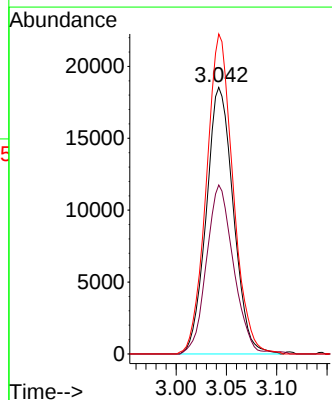
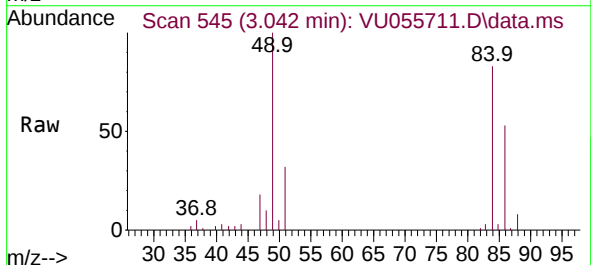
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MSVOA_U
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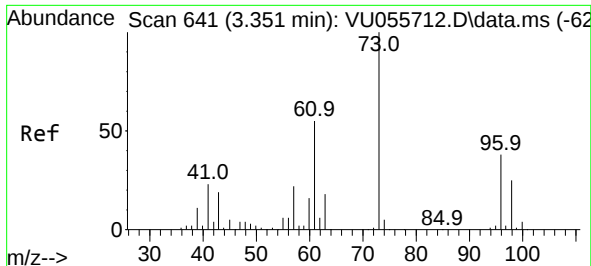
Tgt Ion: 43 Resp: 36396
Ion Ratio Lower Upper
43 100
74 25.7 19.5 29.3



#16
Methylene chloride
Concen: 12.177 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Tgt Ion: 84 Resp: 34745
Ion Ratio Lower Upper
84 100
86 63.4 46.3 86.1
49 120.0 84.8 157.6

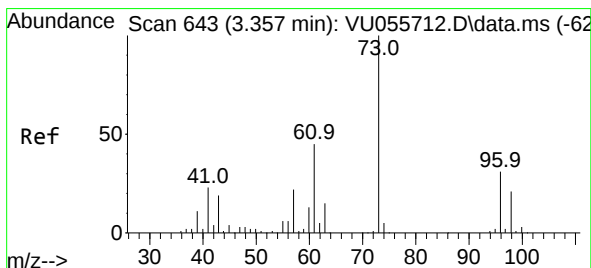
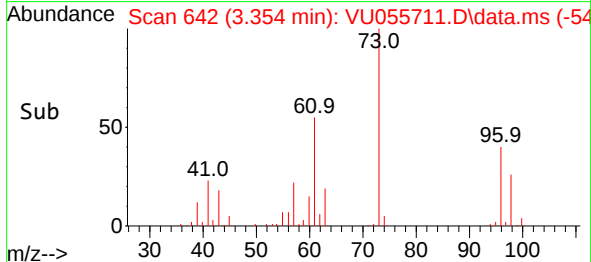
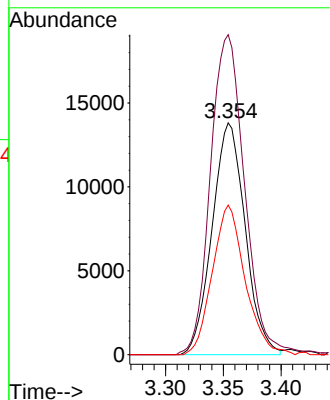
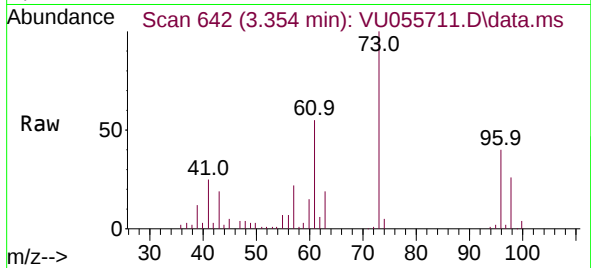




#17
trans-1,2-Dichloroethene
Concen: 11.271 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

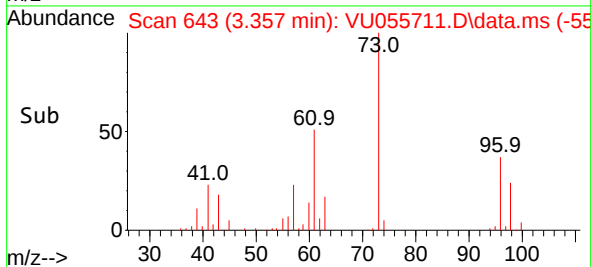
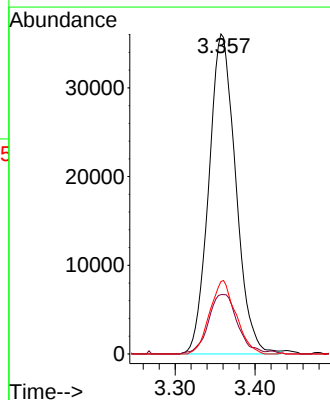
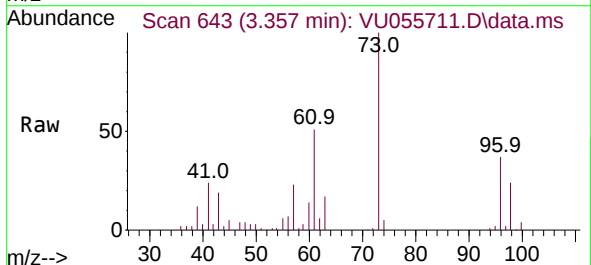
Instrument :
MSVOA_U
ClientSampleId :

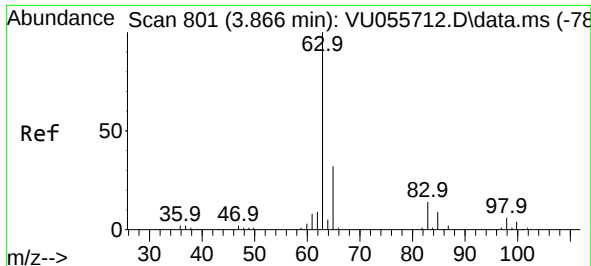
Tgt Ion: 96 Resp: 27529
Ion Ratio Lower Upper
96 100
61 138.0 102.1 189.7
98 64.5 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 10.115 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Tgt Ion: 73 Resp: 84301
Ion Ratio Lower Upper
73 100
43 20.1 15.4 23.2
57 22.3 17.7 26.5





#19

1,1-Dichloroethane

Concen: 12.282 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055711.D

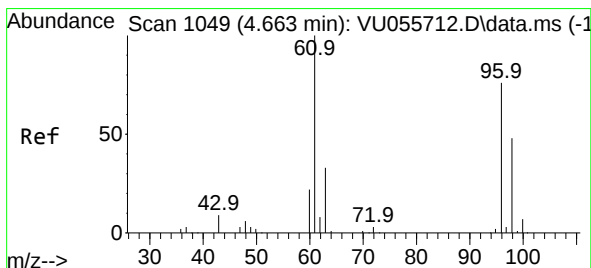
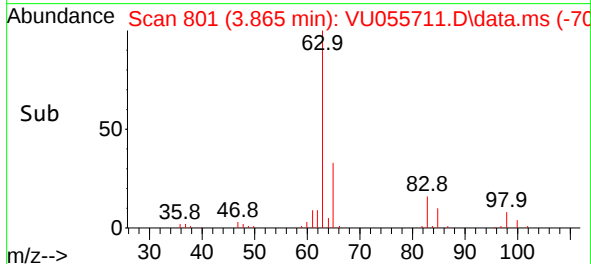
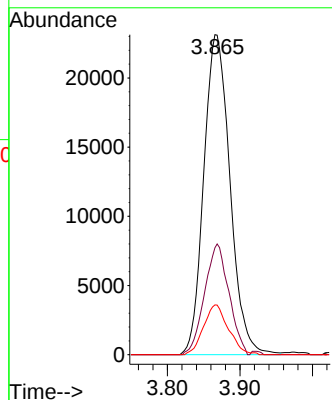
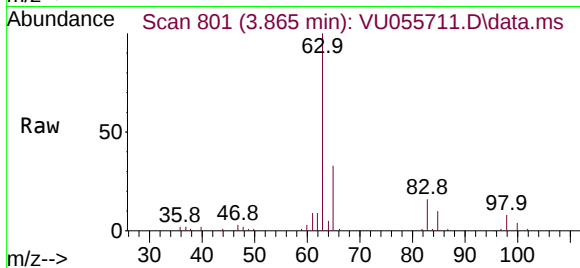
Acq: 10 Oct 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	58103
Ion Ratio	Lower	Upper	
63	100		
65	33.4	22.3	41.5
83	15.6	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 10.666 ug/L

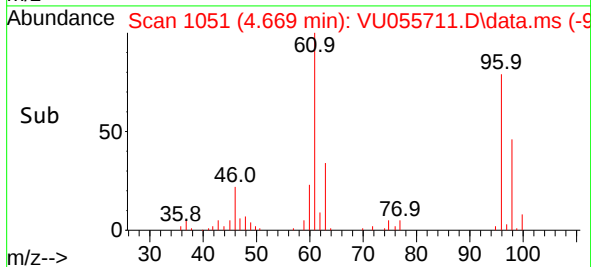
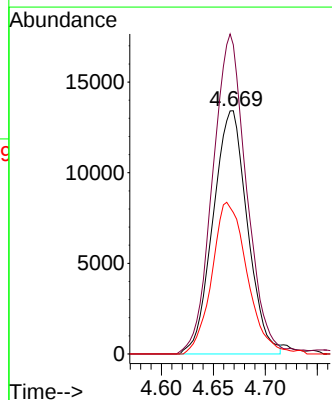
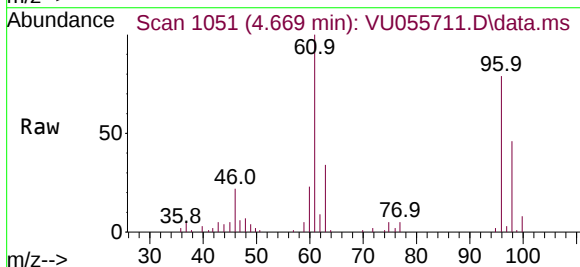
RT: 4.669 min Scan# 1051

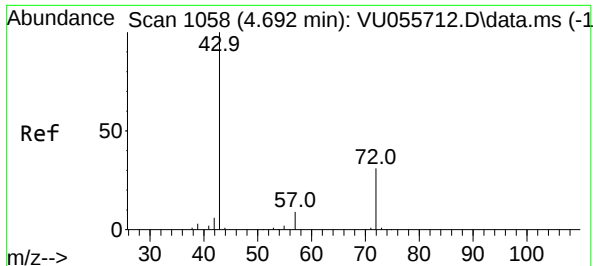
Delta R.T. 0.006 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Tgt Ion:	96	Resp:	30847
Ion Ratio	Lower	Upper	
96	100		
61	127.1	92.3	171.5
98	58.2	43.9	81.5





#22

2-Butanone

Concen: 22.562 ug/L

RT: 4.701 min Scan# 1061

Delta R.T. 0.010 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Instrument :

MSVOA_U

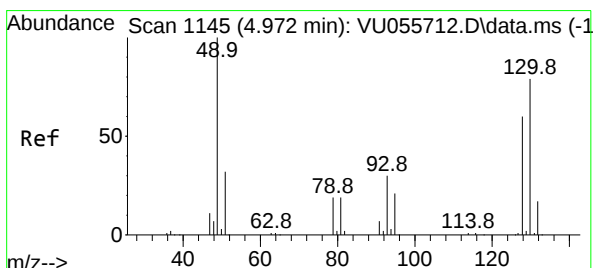
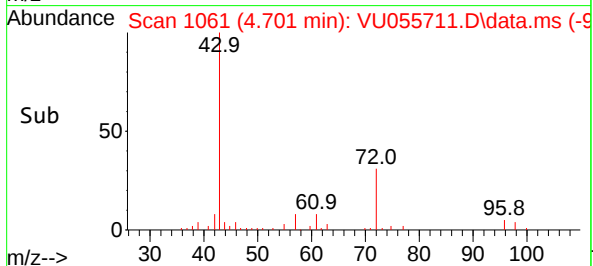
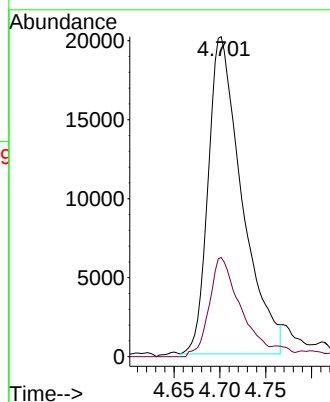
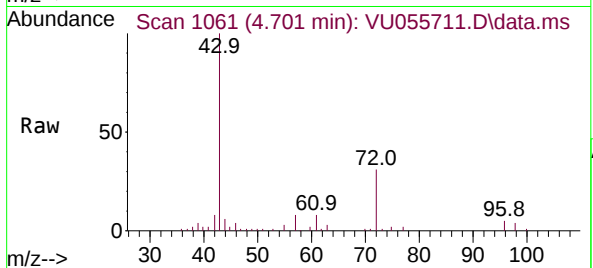
ClientSampleId :

Tgt Ion: 43 Resp: 51493

Ion Ratio Lower Upper

43 100

72 28.8 14.6 44.0



#23

Bromochloromethane

Concen: 11.170 ug/L

RT: 4.971 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Tgt Ion: 128 Resp: 16529

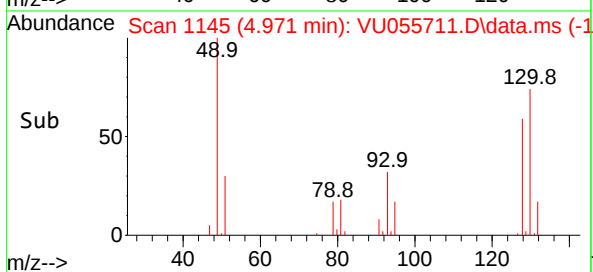
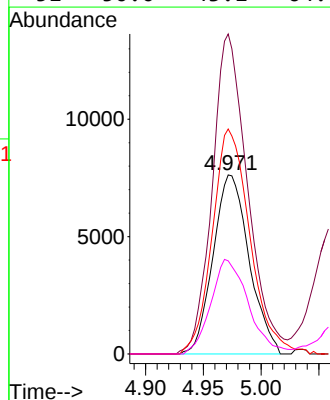
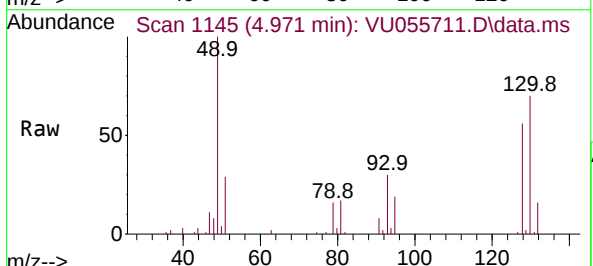
Ion Ratio Lower Upper

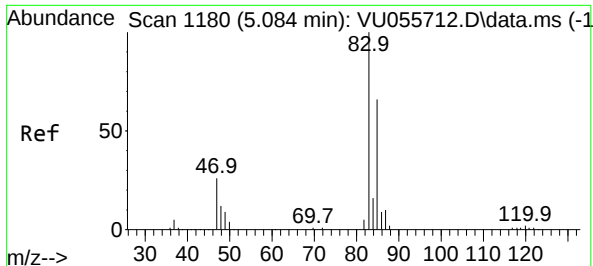
128 100

49 171.8 116.3 216.1

130 120.7 91.6 170.0

51 50.0 43.1 64.7

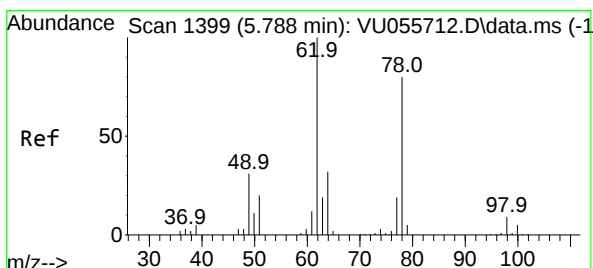
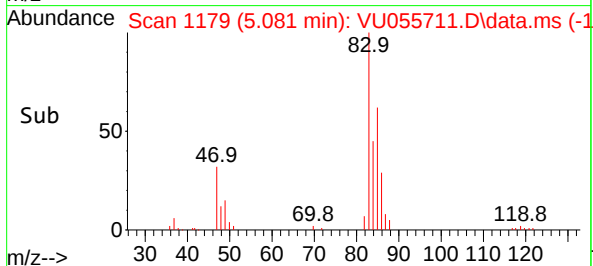
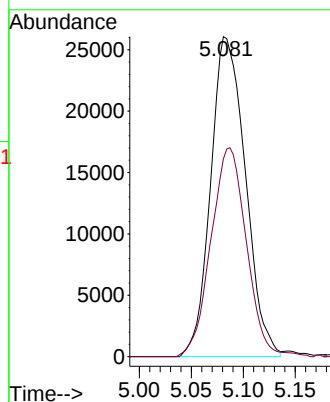
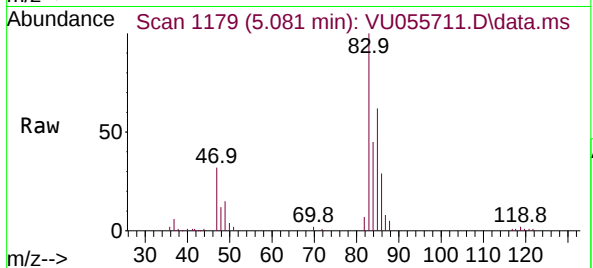




#25
Chloroform
Concen: 12.205 ug/L
RT: 5.081 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

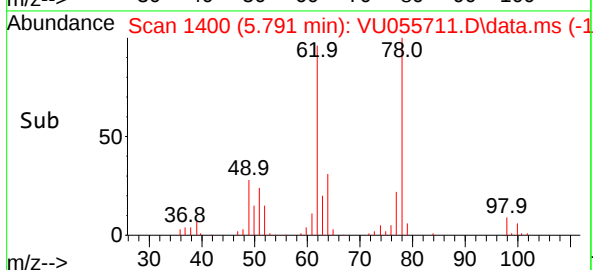
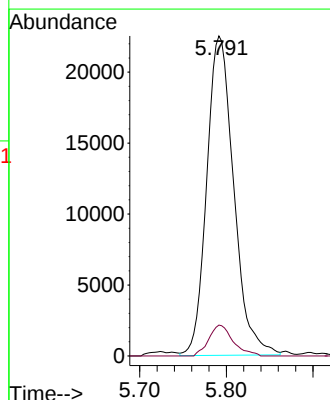
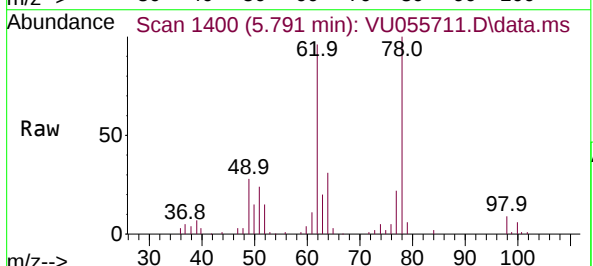
Instrument :
MSVOA_U
ClientSampleId :

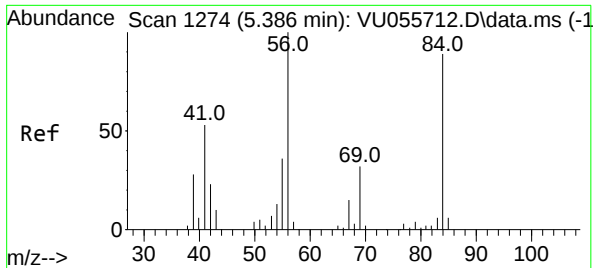
Tgt Ion: 83 Resp: 60488
Ion Ratio Lower Upper
83 100
85 61.8 46.3 86.1



#27
1,2-Dichloroethane
Concen: 12.738 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Tgt Ion: 62 Resp: 48758
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8





#29

Cyclohexane

Concen: 9.453 ug/L

RT: 5.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

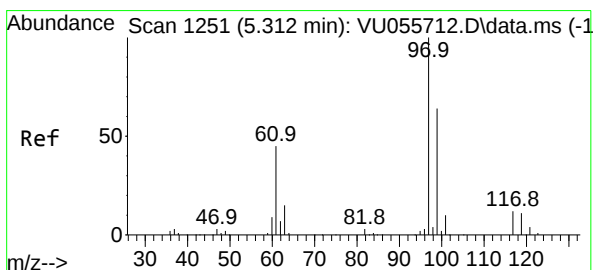
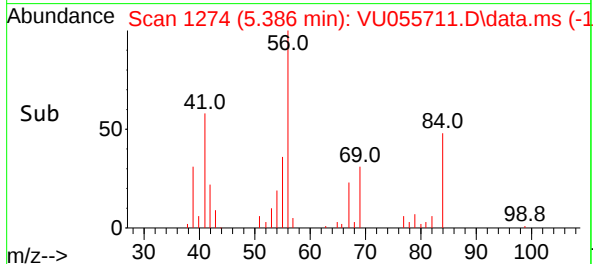
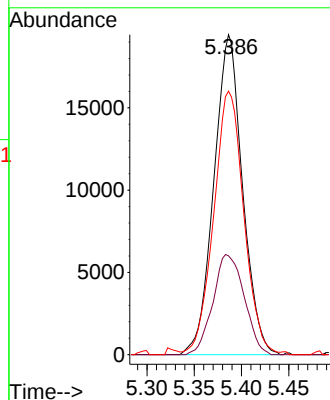
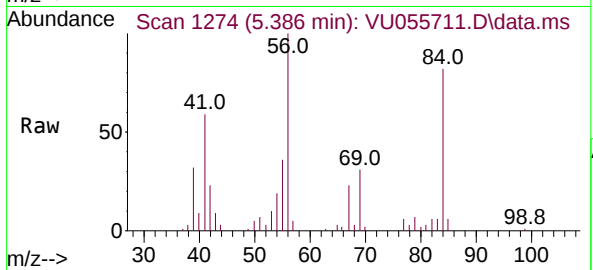
Tgt Ion: 56 Resp: 40999

Ion Ratio Lower Upper

56 100

69 34.0 24.9 37.3

84 86.6 70.7 106.1



#30

1,1,1-Trichloroethane

Concen: 11.568 ug/L

RT: 5.316 min Scan# 1252

Delta R.T. 0.003 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

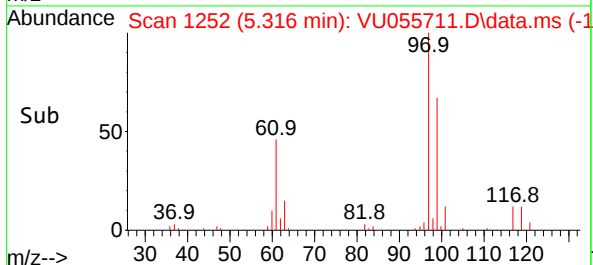
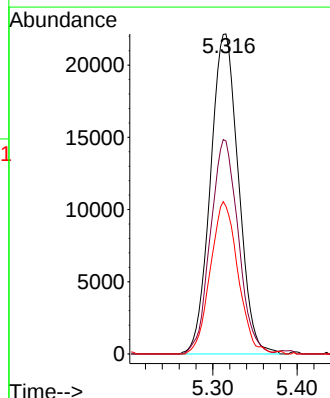
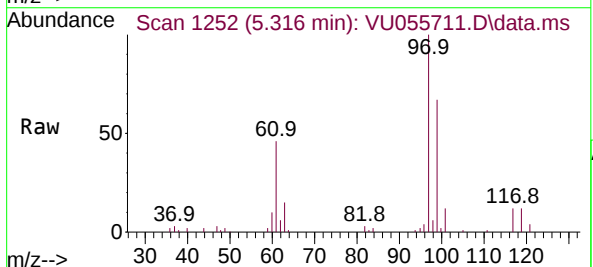
Tgt Ion: 97 Resp: 51215

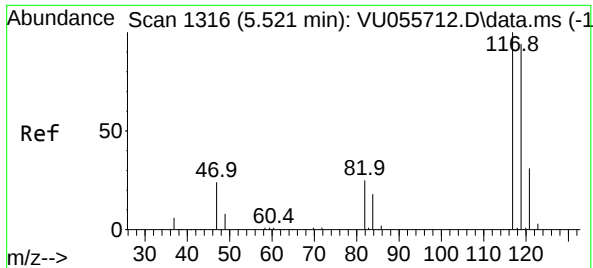
Ion Ratio Lower Upper

97 100

99 66.5 51.6 77.4

61 46.3 36.8 55.2

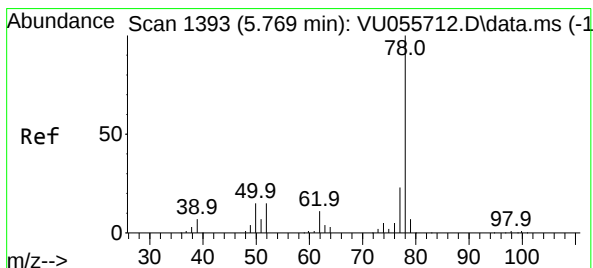
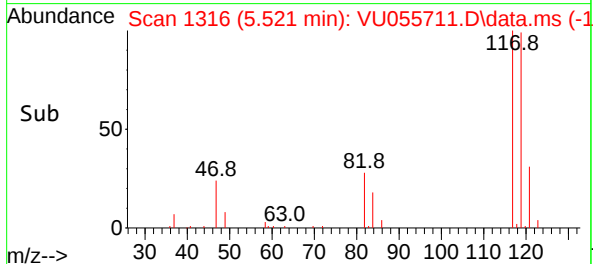
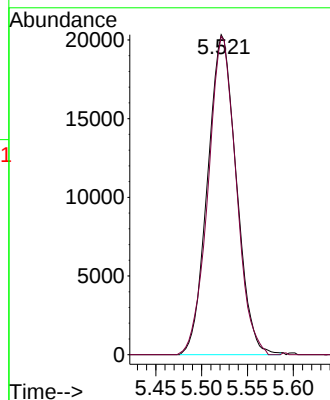
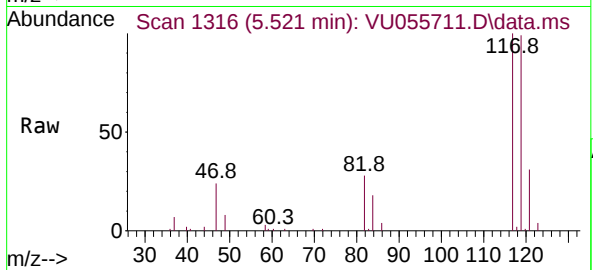




#31
Carbon tetrachloride
Concen: 11.577 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

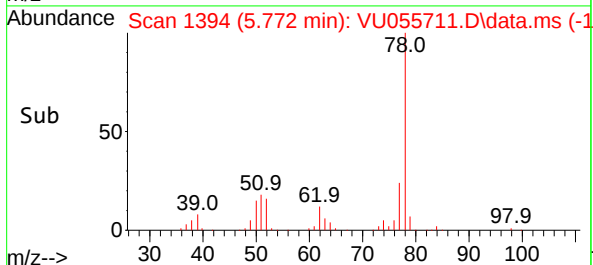
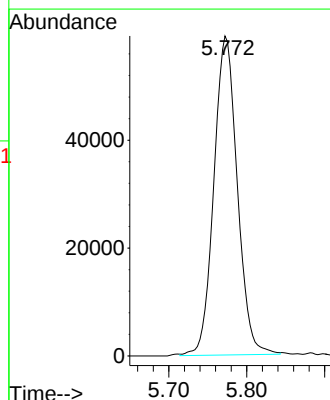
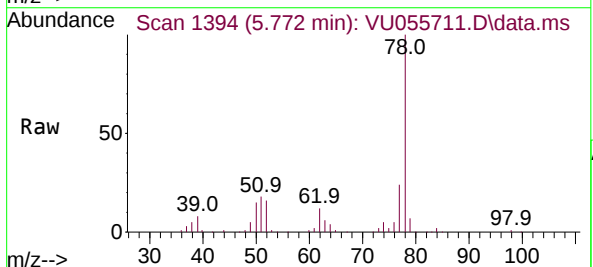
Instrument :
MSVOA_U
ClientSampleId :

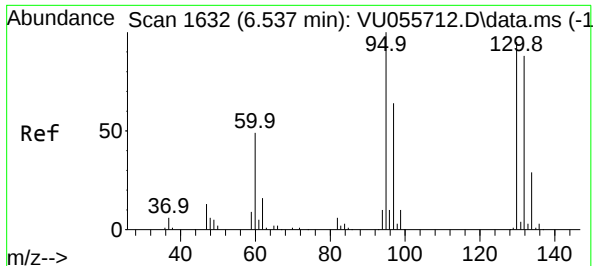
Tgt Ion:117 Resp: 44292
Ion Ratio Lower Upper
117 100
119 96.9 75.4 113.0



#33
Benzene
Concen: 10.885 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Tgt Ion: 78 Resp: 123502





#34

Trichloroethene

Concen: 12.050 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 35111

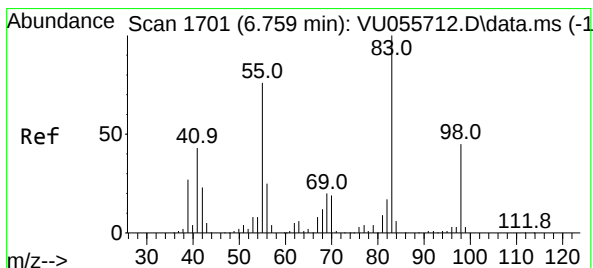
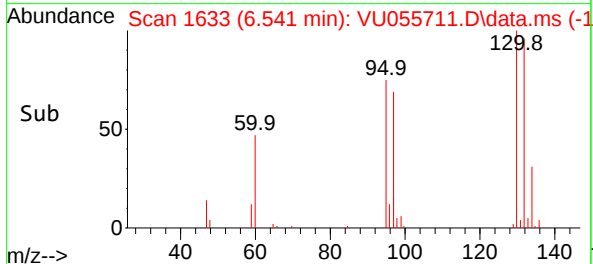
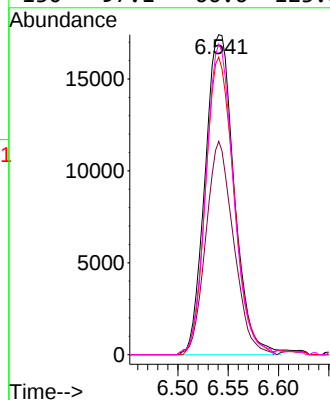
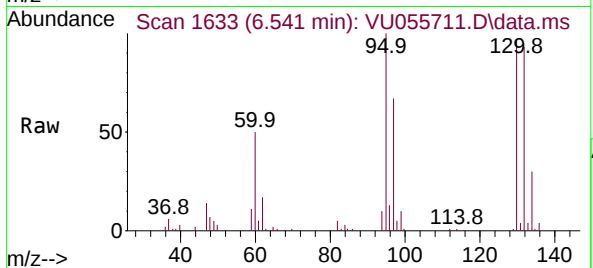
Ion Ratio Lower Upper

95 100

97 66.6 44.4 82.5

132 93.0 61.8 114.8

130 97.1 66.6 123.8



#35

Methylcyclohexane

Concen: 9.669 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

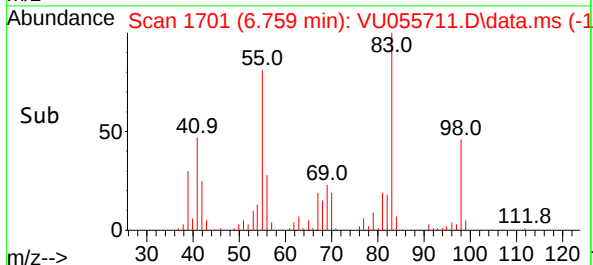
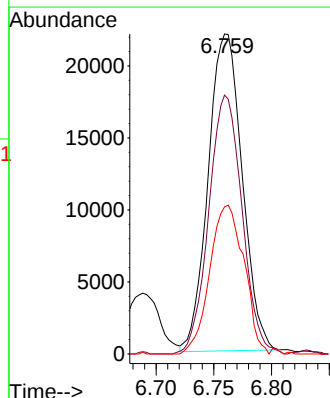
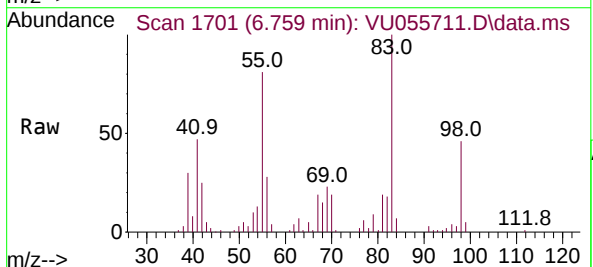
Tgt Ion: 83 Resp: 45132

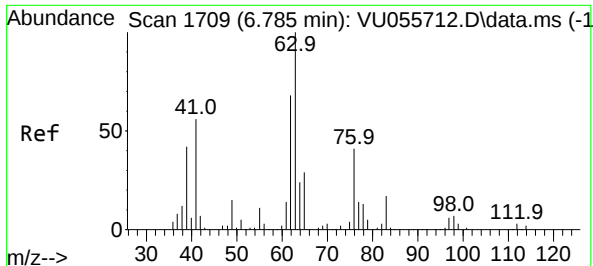
Ion Ratio Lower Upper

83 100

55 79.8 61.2 91.8

98 47.1 35.8 53.6

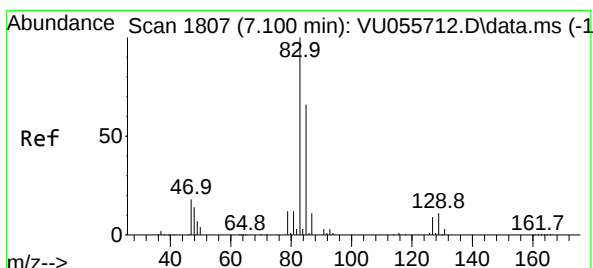
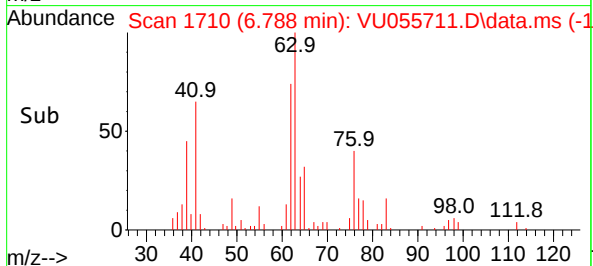
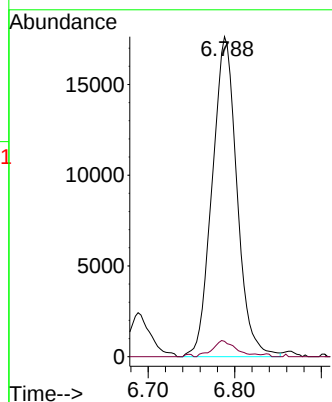
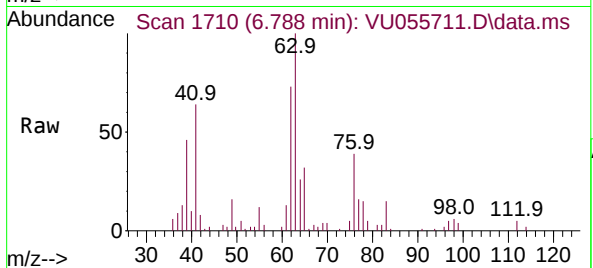




#37
1,2-Dichloropropane
Concen: 11.201 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

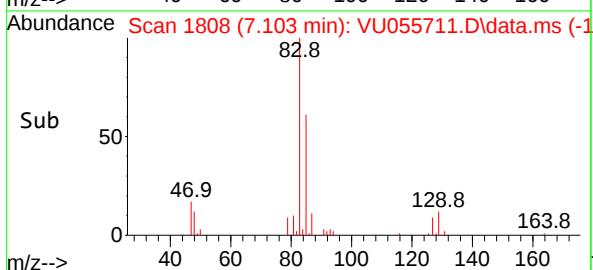
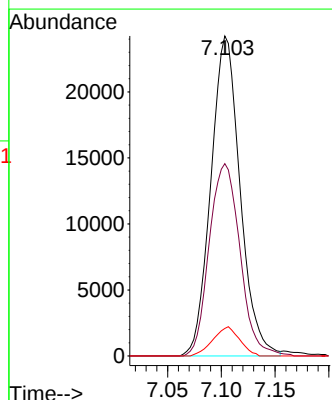
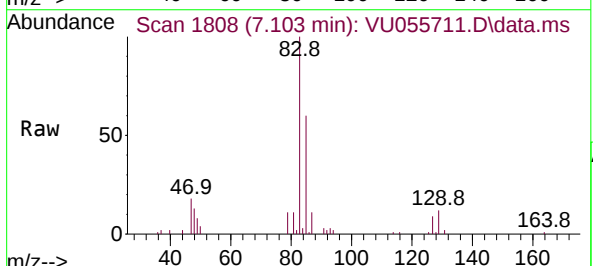
Instrument :
MSVOA_U
ClientSampleId :

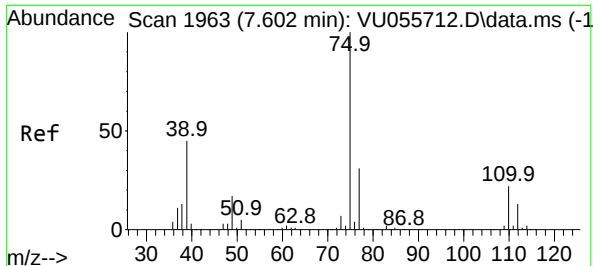
Tgt Ion: 63 Resp: 35068
Ion Ratio Lower Upper
63 100
112 4.2 3.0 4.4



#38
Bromodichloromethane
Concen: 11.438 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Tgt Ion: 83 Resp: 45822
Ion Ratio Lower Upper
83 100
85 60.1 46.0 85.4
127 8.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 9.435 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Instrument :

MSVOA_U

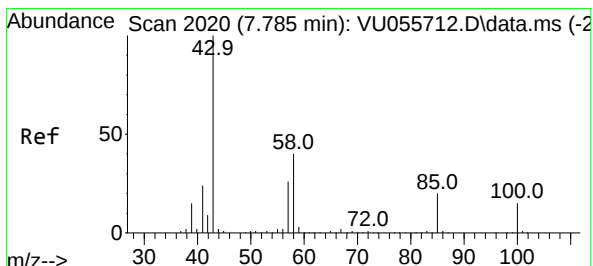
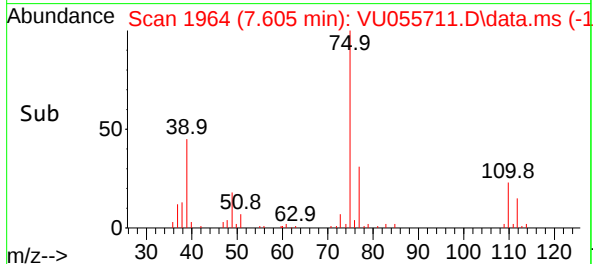
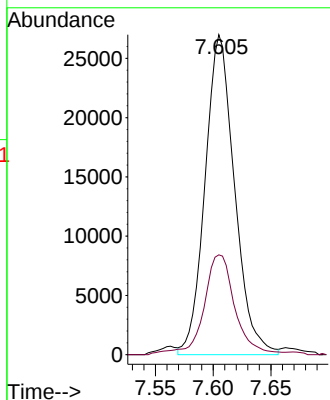
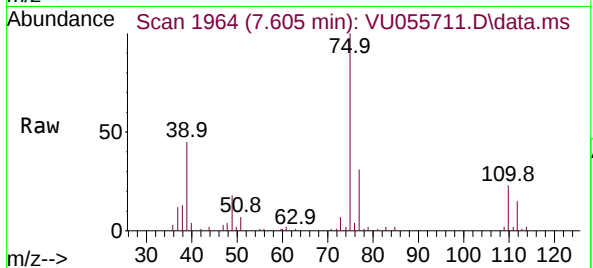
ClientSampleId :

Tgt Ion: 75 Resp: 47985

Ion Ratio Lower Upper

75 100

77 31.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 19.387 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

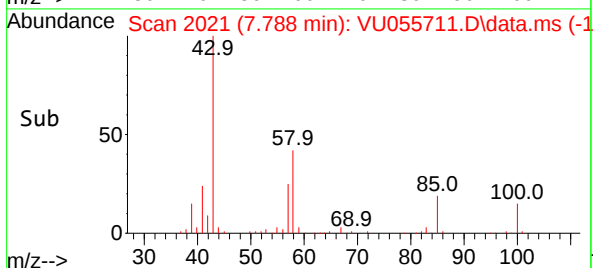
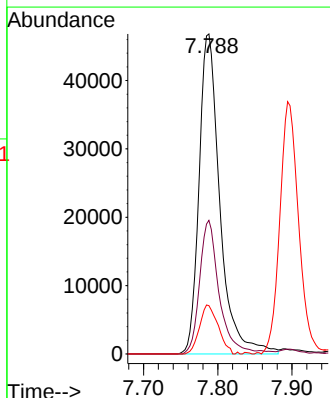
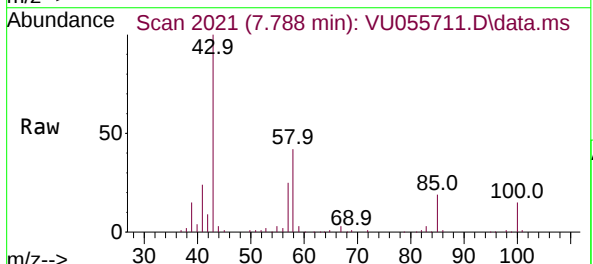
Tgt Ion: 43 Resp: 91296

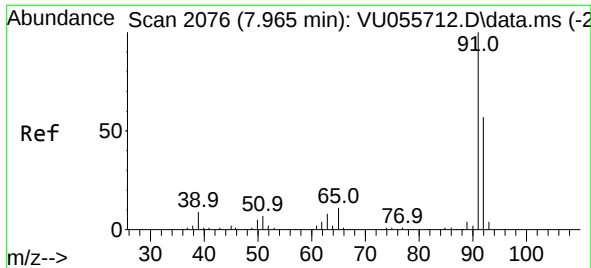
Ion Ratio Lower Upper

43 100

58 38.8 32.3 48.5

100 13.7 12.0 18.0





#42

Toluene

Concen: 10.165 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Instrument :

MSVOA_U

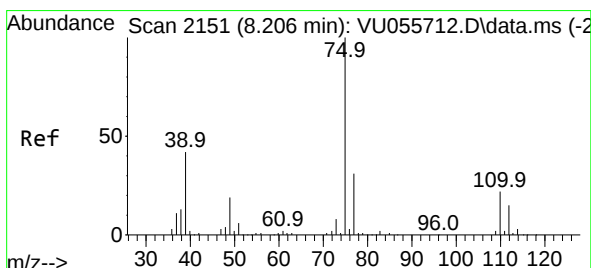
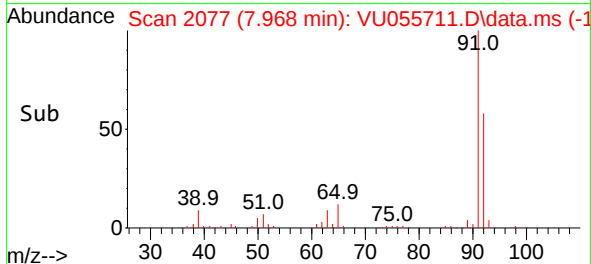
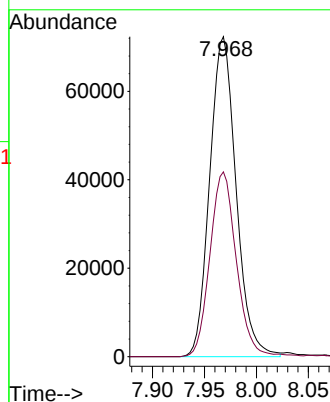
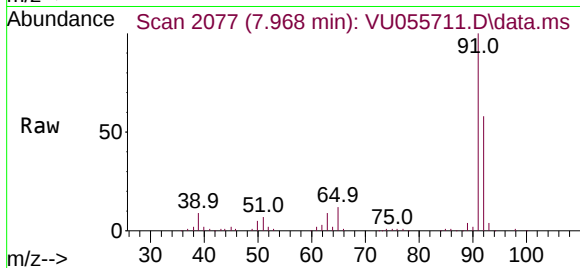
ClientSampleId :

Tgt Ion: 91 Resp: 127913

Ion Ratio Lower Upper

91 100

92 57.8 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 9.881 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU055711.D

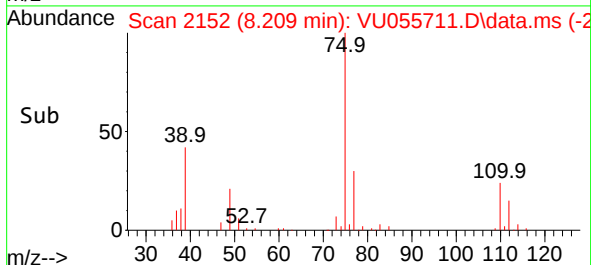
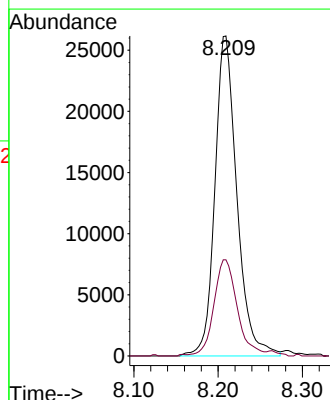
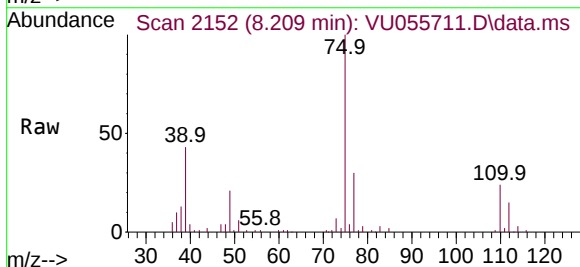
Acq: 10 Oct 2023 10:16

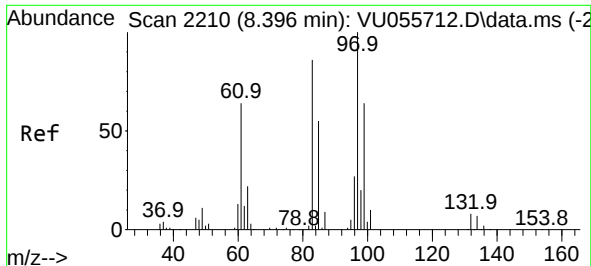
Tgt Ion: 75 Resp: 47419

Ion Ratio Lower Upper

75 100

77 30.0 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 11.097 ug/L

RT: 8.399 min Scan# 2211

Delta R.T. 0.003 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 35041

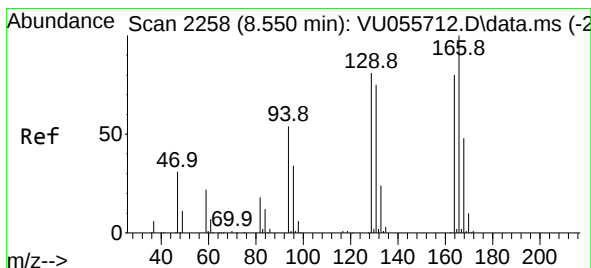
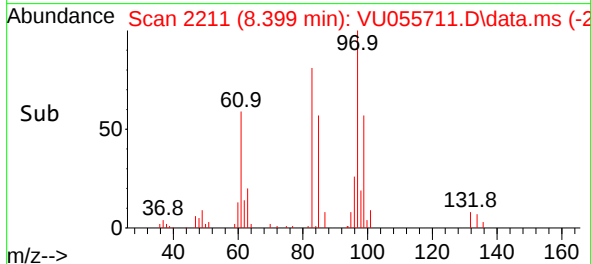
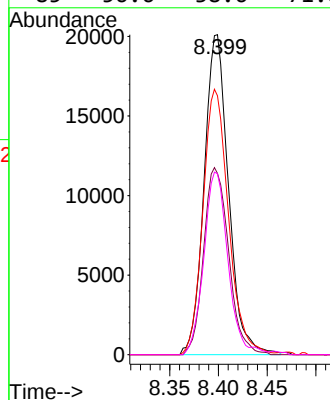
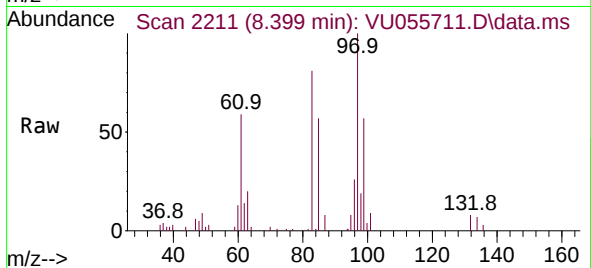
Ion Ratio Lower Upper

97 100

99 56.7 44.4 82.5

83 80.9 60.4 112.2

85 56.6 38.6 71.8



#46

Tetrachloroethene

Concen: 11.159 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Tgt Ion:164 Resp: 24594

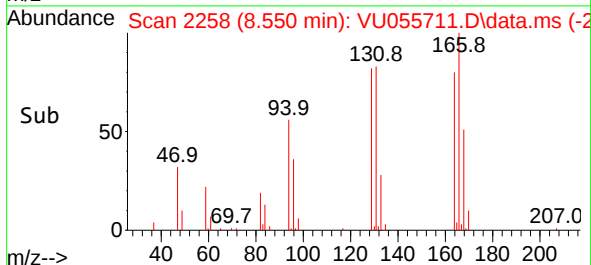
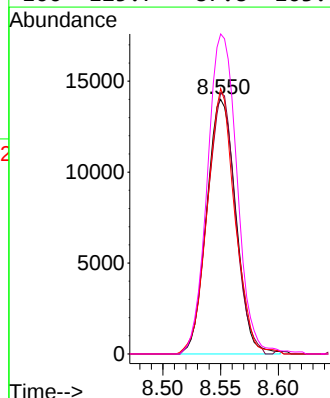
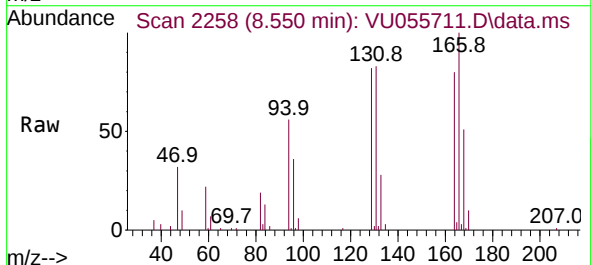
Ion Ratio Lower Upper

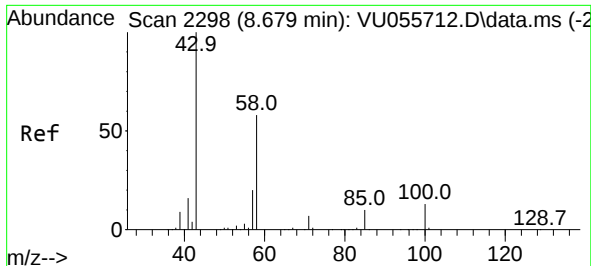
164 100

129 102.5 70.7 131.3

131 106.6 65.9 122.5

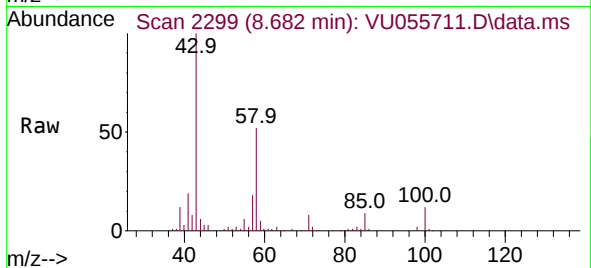
166 125.7 87.8 163.0



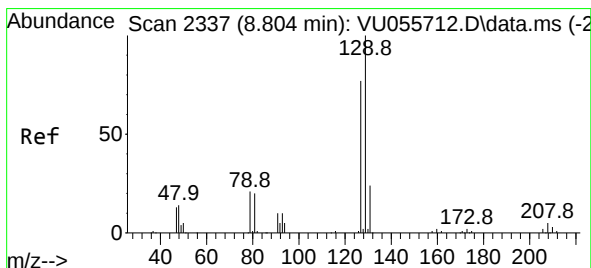
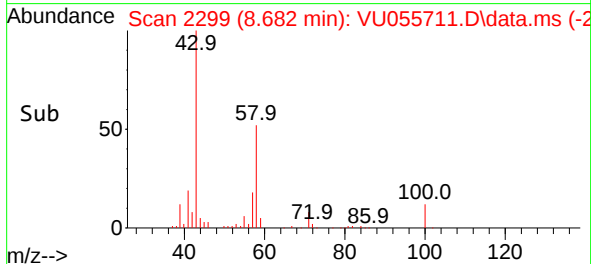
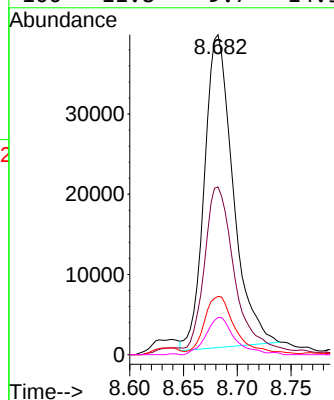


#48
2-Hexanone
Concen: 18.386 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Instrument :
MSVOA_U
ClientSampleId :

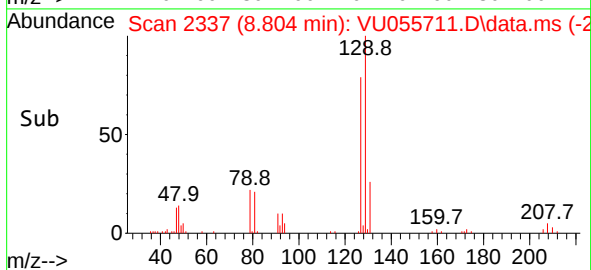
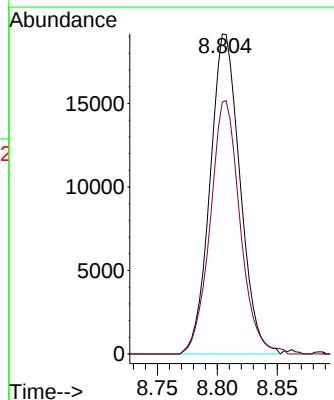
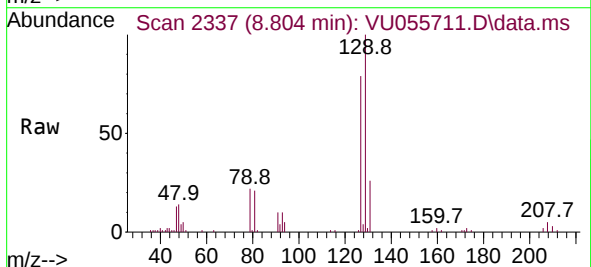


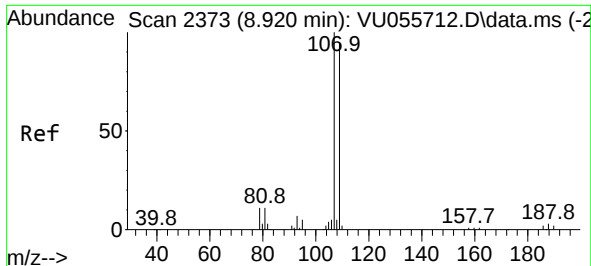
Tgt Ion: 43 Resp: 72458
Ion Ratio Lower Upper
43 100
58 54.8 45.2 67.8
57 18.3 16.1 24.1
100 11.8 9.7 14.5



#49
Dibromochloromethane
Concen: 10.231 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Tgt Ion: 129 Resp: 33249
Ion Ratio Lower Upper
129 100
127 77.3 54.0 100.4





#50

1,2-Dibromoethane

Concen: 10.616 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055711.D

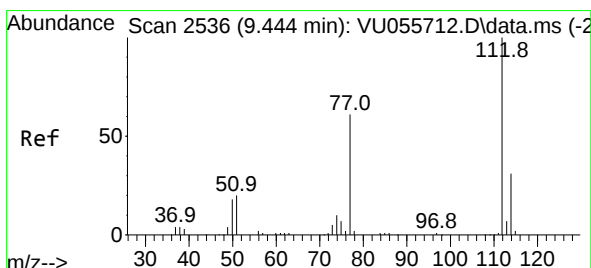
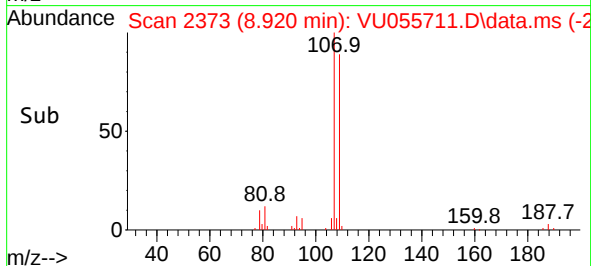
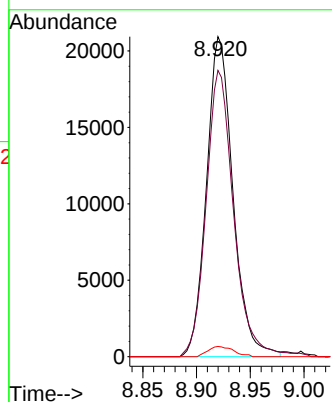
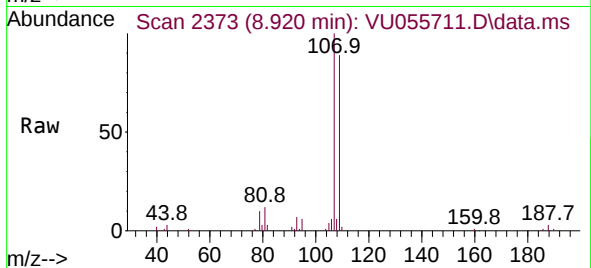
Acq: 10 Oct 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	35934
Ion	Ratio	Lower	Upper
107	100		
109	89.5	66.7	123.9
188	3.2	2.6	4.0



#51

Chlorobenzene

Concen: 10.394 ug/L

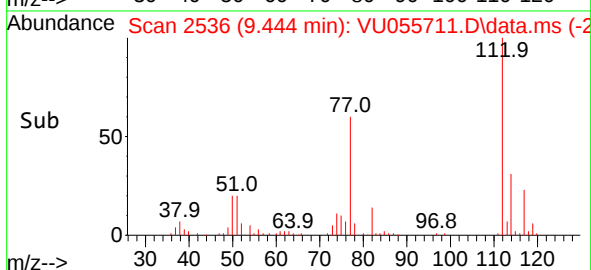
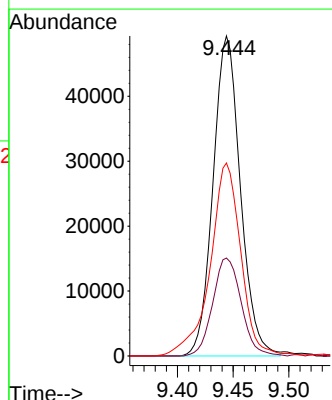
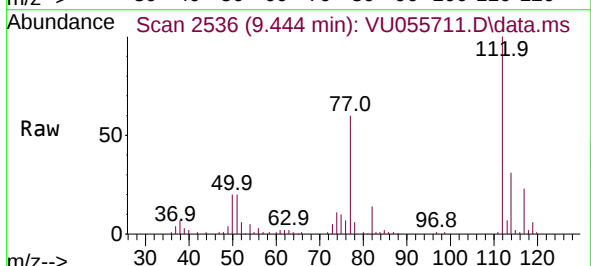
RT: 9.444 min Scan# 2536

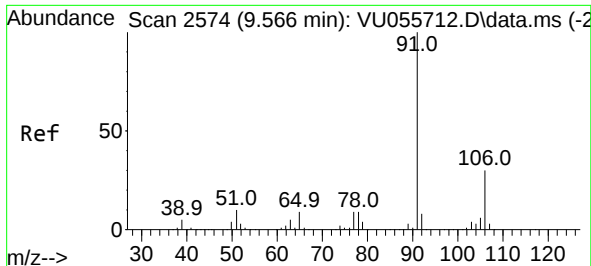
Delta R.T. -0.000 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Tgt Ion:	112	Resp:	84286
Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.0	40.8
77	60.3	49.0	73.6

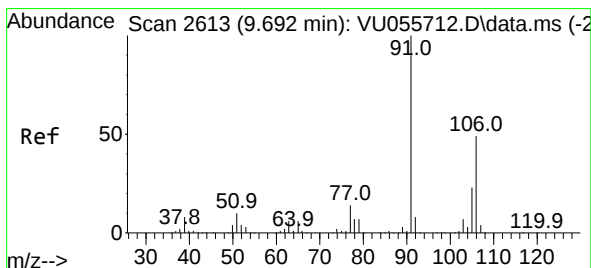
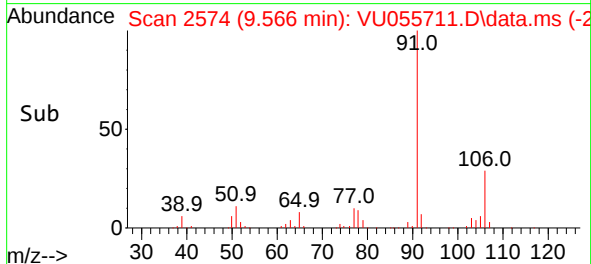
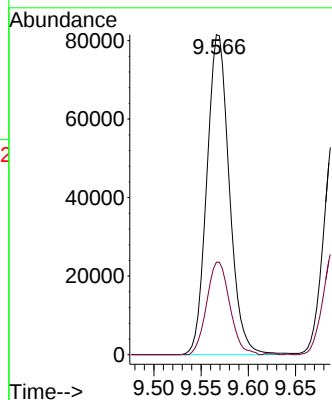
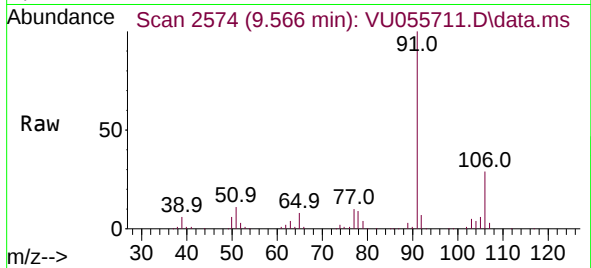




#52
Ethylbenzene
Concen: 9.398 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

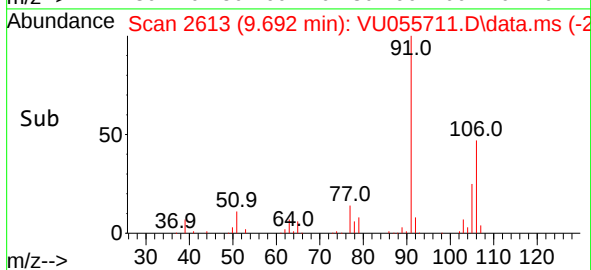
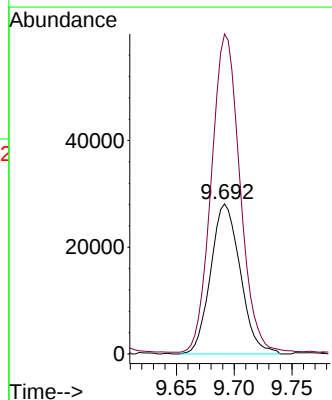
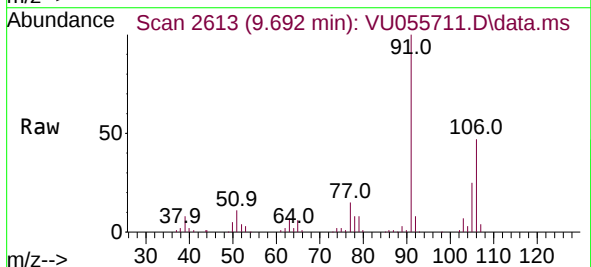
Instrument :
MSVOA_U
ClientSampleId :

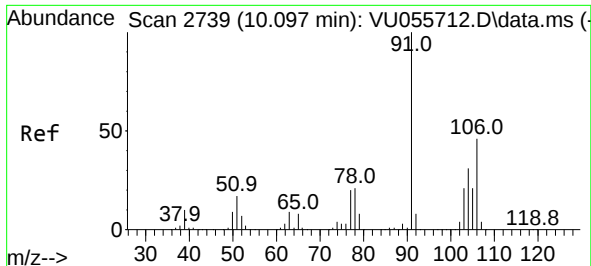
Tgt Ion: 91 Resp: 134780
Ion Ratio Lower Upper
91 100
106 28.9 21.2 39.4



#53
m,p-Xylene
Concen: 9.190 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Tgt Ion: 106 Resp: 50220
Ion Ratio Lower Upper
106 100
91 213.3 143.8 267.0

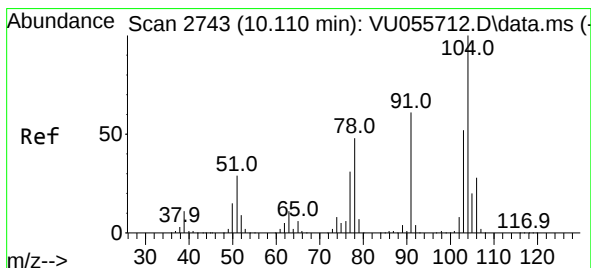
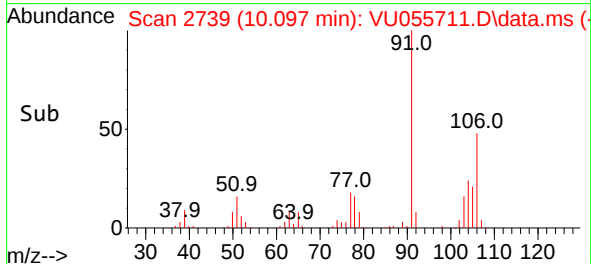
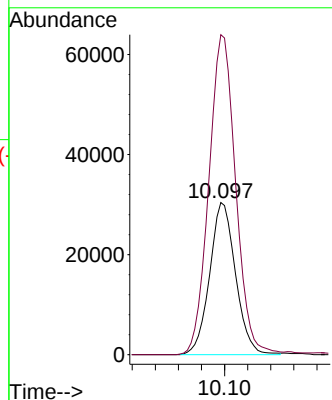
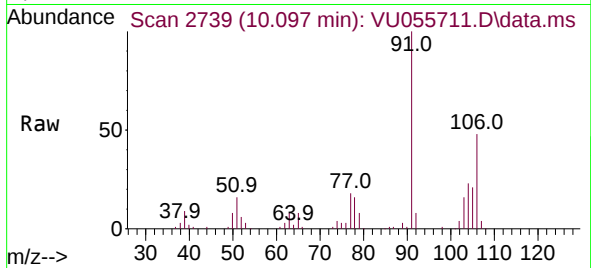




#54
o-Xylene
Concen: 8.589 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

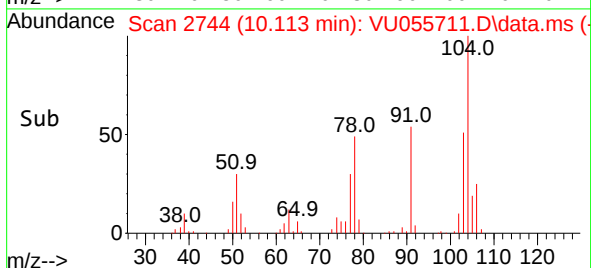
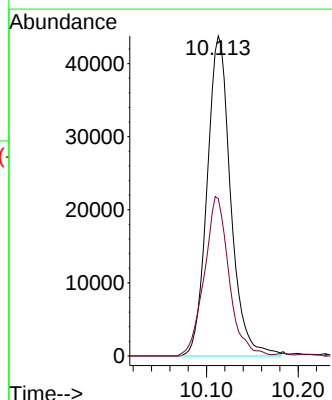
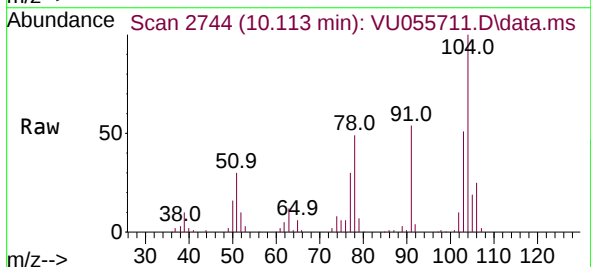
Instrument :
MSVOA_U
ClientSampleId :

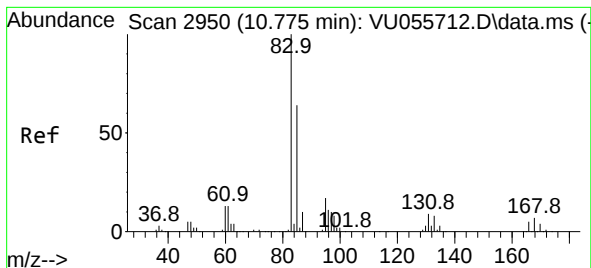
Tgt Ion:106 Resp: 47336
Ion Ratio Lower Upper
106 100
91 210.3 151.8 282.0



#55
Styrene
Concen: 8.153 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Tgt Ion:104 Resp: 78161
Ion Ratio Lower Upper
104 100
78 49.1 33.6 62.4





#57

1,1,2,2-Tetrachloroethane

Concen: 9.437 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

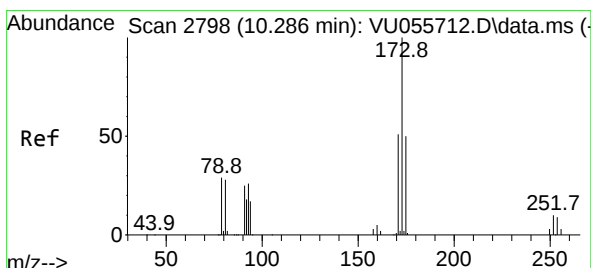
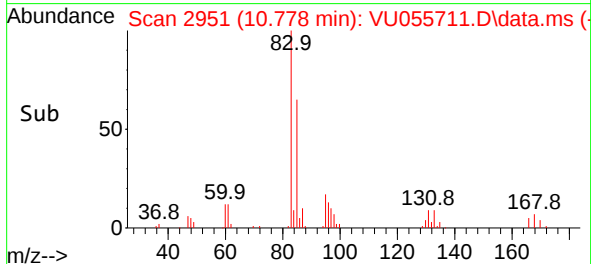
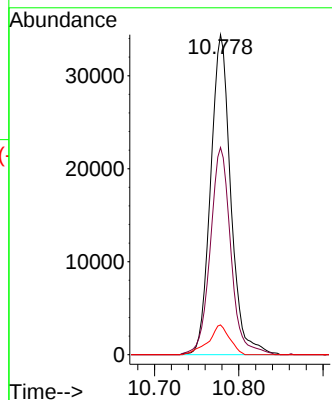
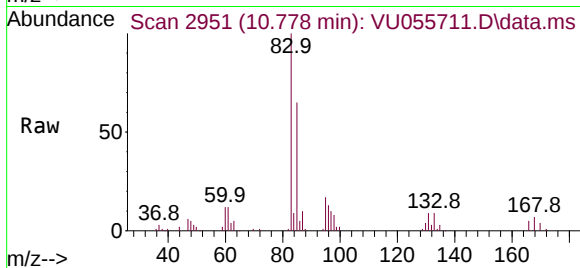
Tgt Ion: 83 Resp: 57197

Ion Ratio Lower Upper

83 100

85 64.7 44.9 83.5

131 9.3 7.3 10.9



#59

Bromoform

Concen: 9.955 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

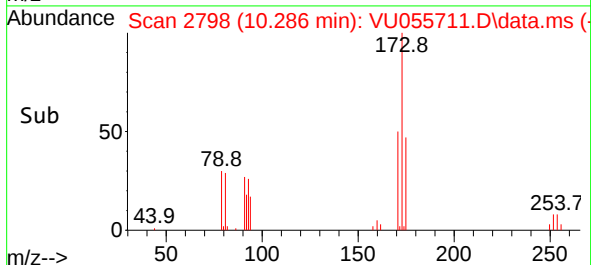
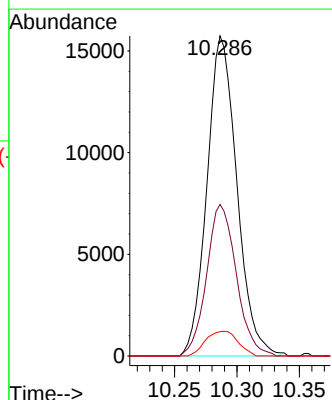
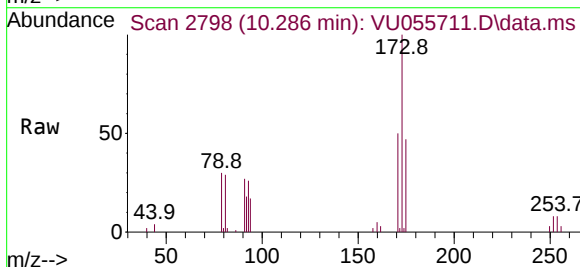
Tgt Ion:173 Resp: 26275

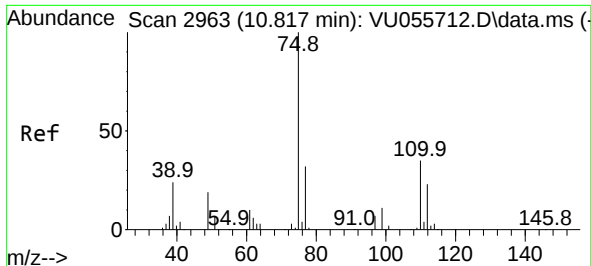
Ion Ratio Lower Upper

173 100

175 47.1 40.4 60.6

254 8.3 7.3 10.9

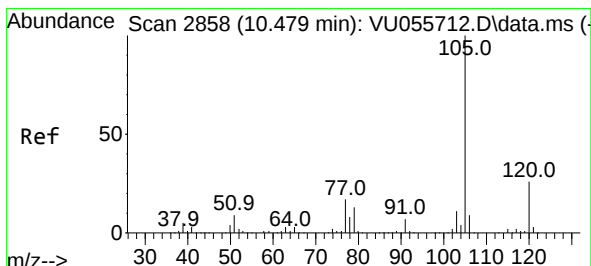
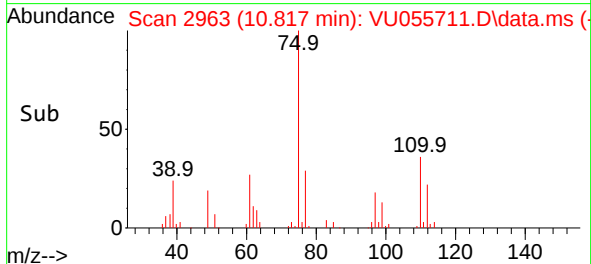
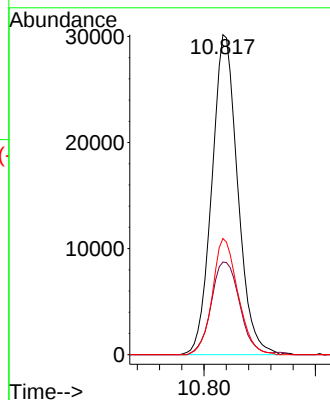
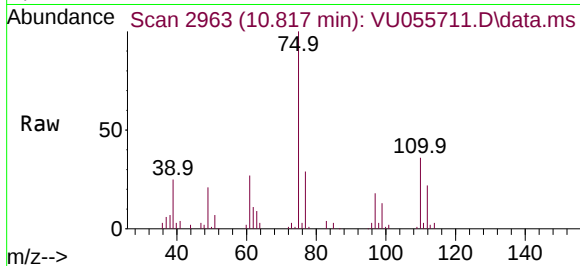




#60
1,2,3-Trichloropropane
Concen: 11.538 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

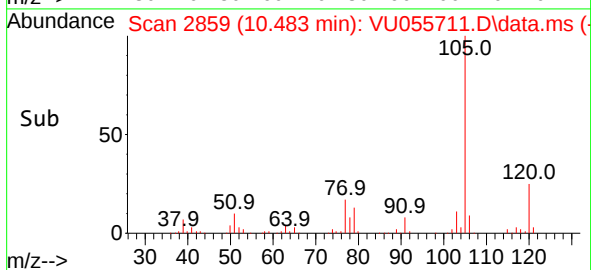
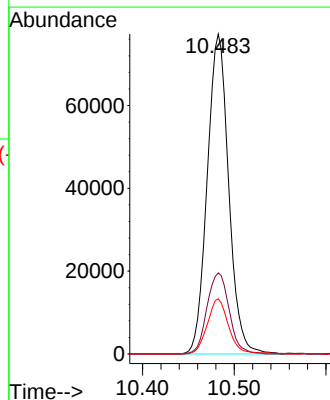
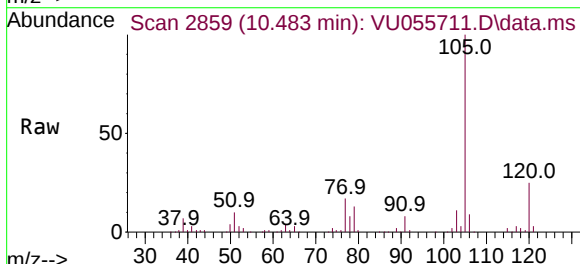
Instrument :
MSVOA_U
ClientSampleId :

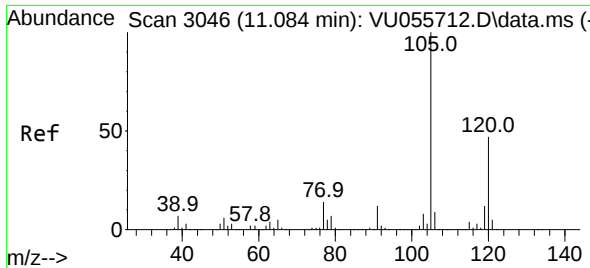
Tgt Ion: 75 Resp: 48599
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 35.9 28.5 42.7



#61
Isopropylbenzene
Concen: 9.017 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Tgt Ion: 105 Resp: 125579
Ion Ratio Lower Upper
105 100
120 26.2 20.6 30.8
77 16.9 13.4 20.0

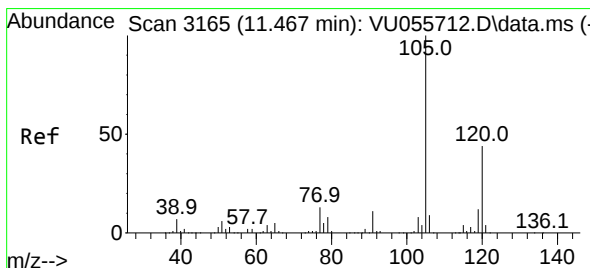
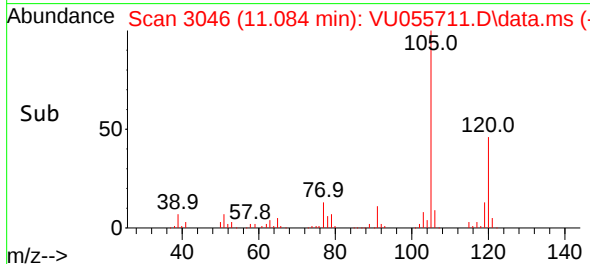
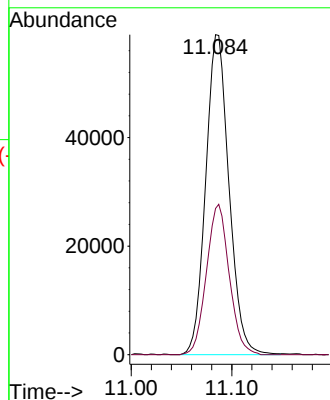
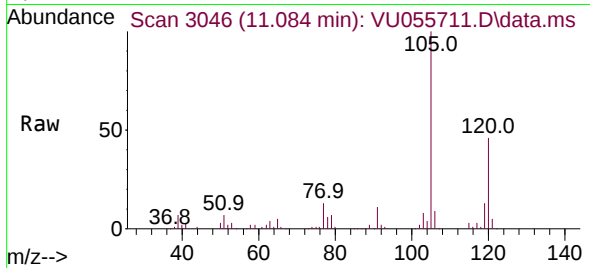




#62
 1,3,5-Trimethylbenzene
 Concen: 8.271 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU055711.D
 Acq: 10 Oct 2023 10:16

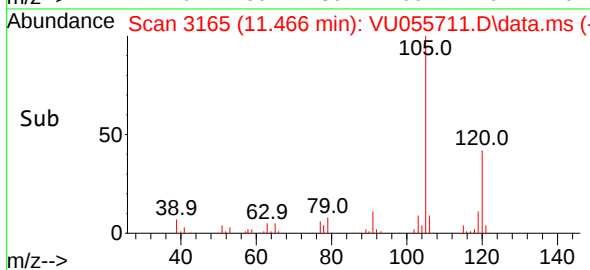
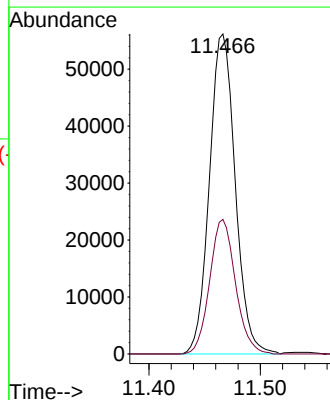
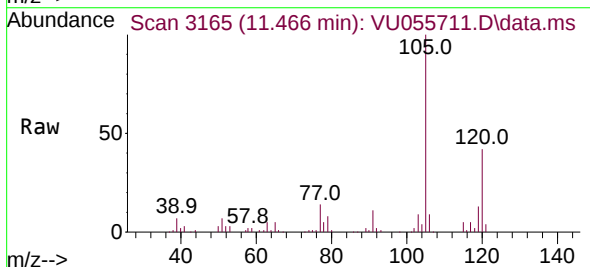
Instrument :
 MSVOA_U
 ClientSampleId :

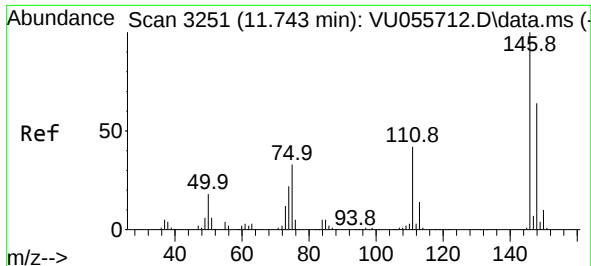
Tgt Ion:105 Resp: 94731
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 7.954 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. -0.000 min
 Lab File: VU055711.D
 Acq: 10 Oct 2023 10:16

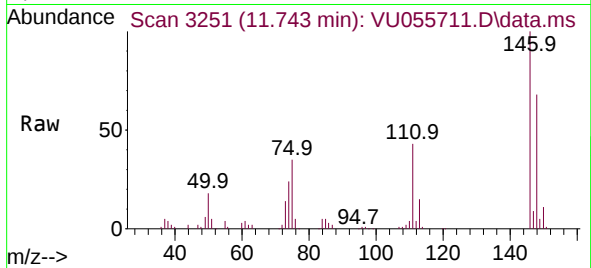
Tgt Ion:105 Resp: 90464
 Ion Ratio Lower Upper
 105 100
 120 42.0 35.0 52.4



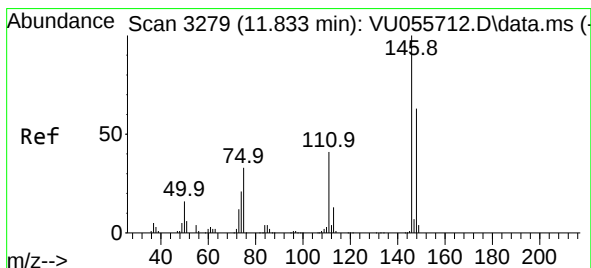
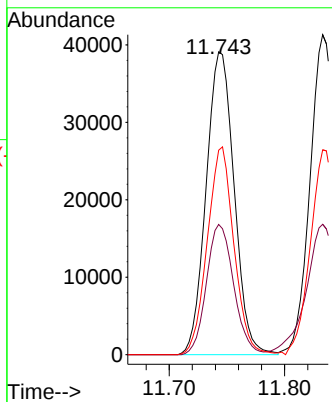
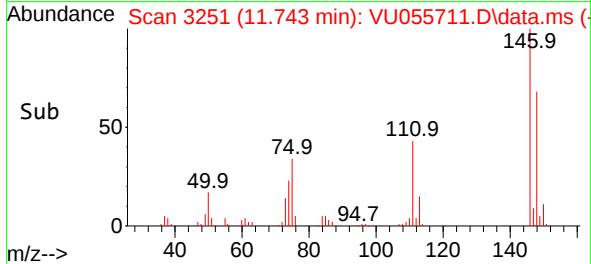


#64
1,3-Dichlorobenzene
Concen: 10.138 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

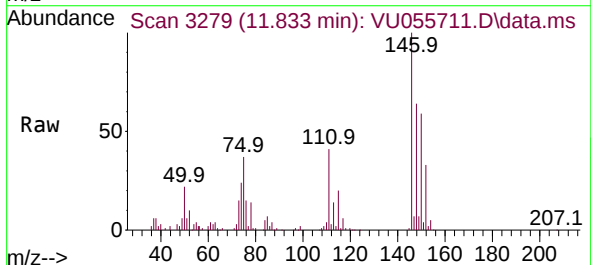
Instrument :
MSVOA_U
ClientSampleId :



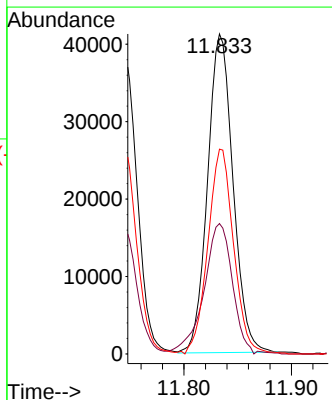
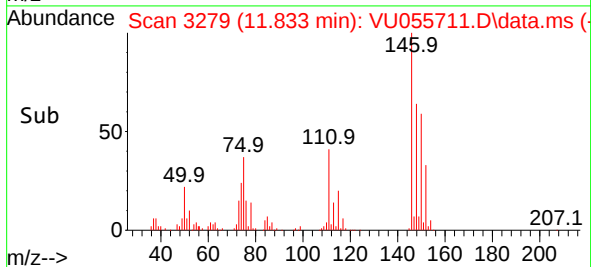
Tgt Ion:146 Resp: 65963
Ion Ratio Lower Upper
146 100
111 43.0 29.7 55.1
148 72.4 45.0 83.6

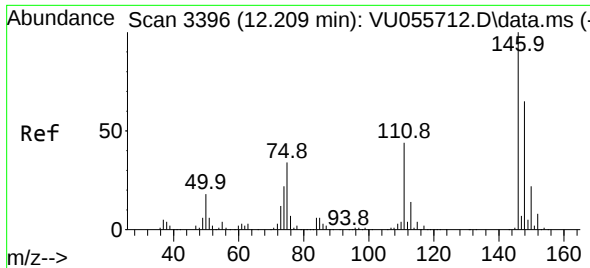


#65
1,4-Dichlorobenzene
Concen: 10.310 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16



Tgt Ion:146 Resp: 67740
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.0
148 64.0 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 9.821 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

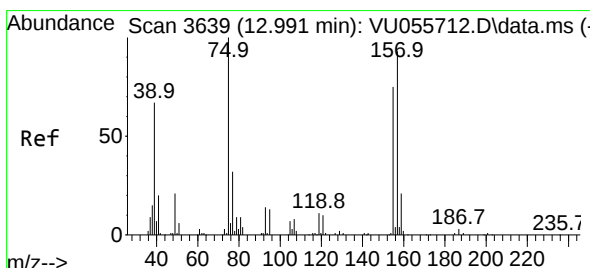
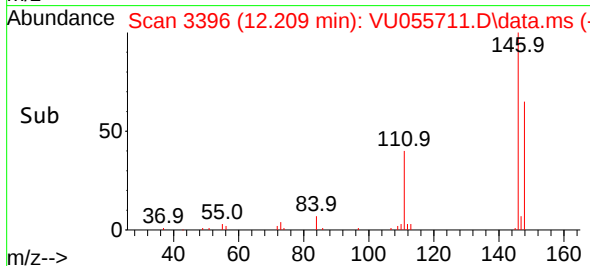
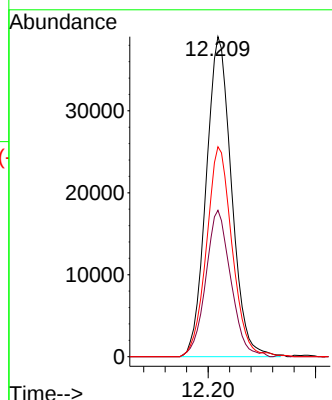
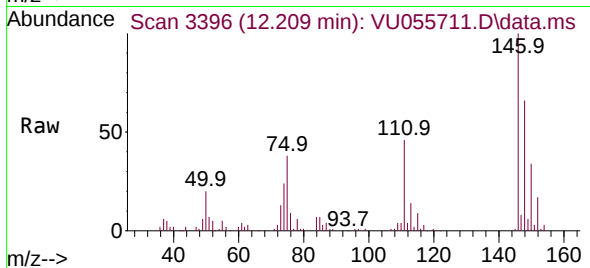
Tgt Ion:146 Resp: 63922

Ion Ratio Lower Upper

146 100

111 42.6 35.2 52.8

148 61.0 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 11.394 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU055711.D

Acq: 10 Oct 2023 10:16

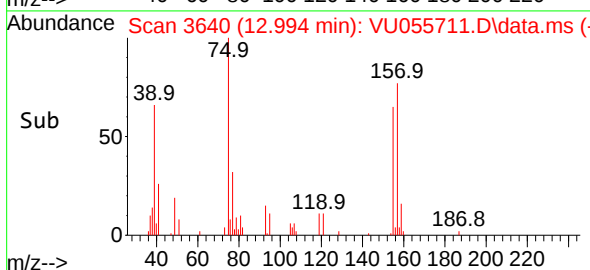
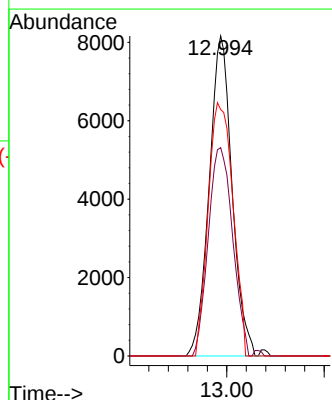
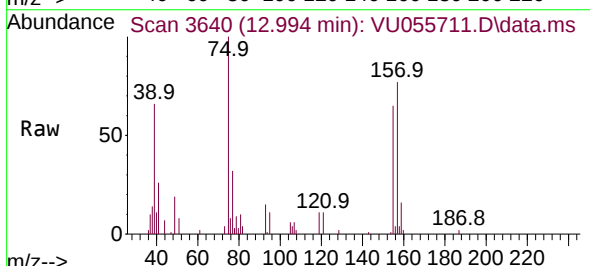
Tgt Ion: 75 Resp: 13364

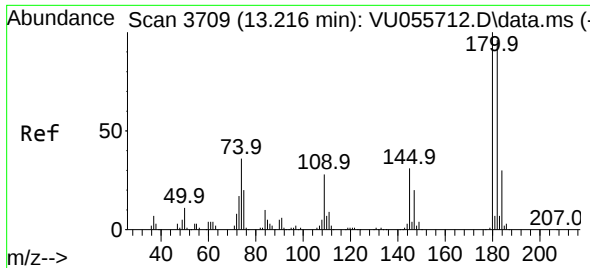
Ion Ratio Lower Upper

75 100

155 60.2 59.6 89.4

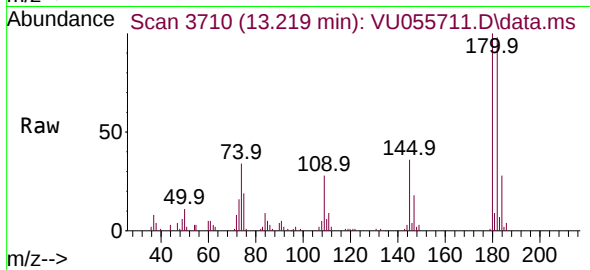
157 74.8 77.7 116.5#



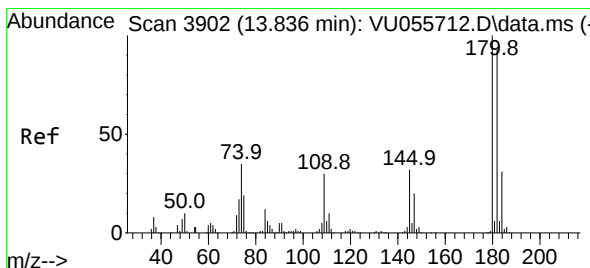
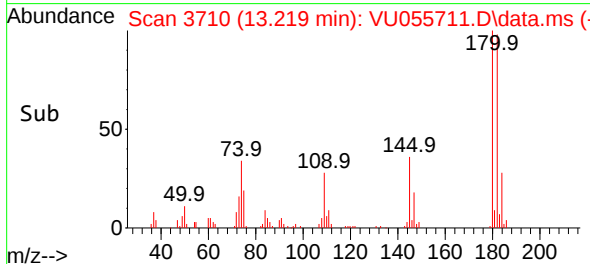
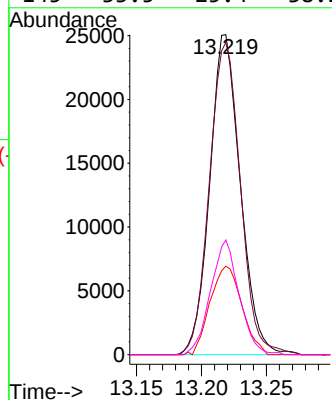


#69
 1,3,5-Trichlorobenzene
 Concen: 9.414 ug/L
 RT: 13.219 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU055711.D
 Acq: 10 Oct 2023 10:16

Instrument :
 MSVOA_U
 ClientSampleId :

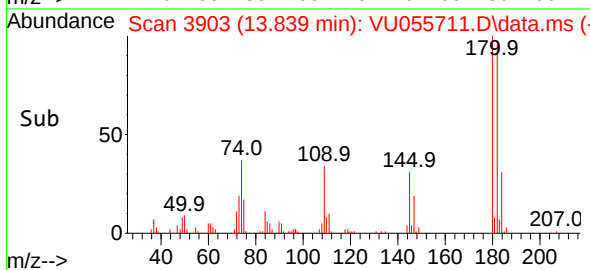
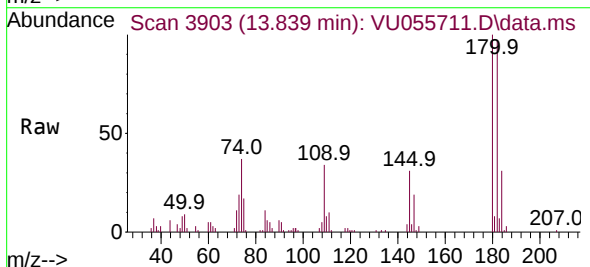
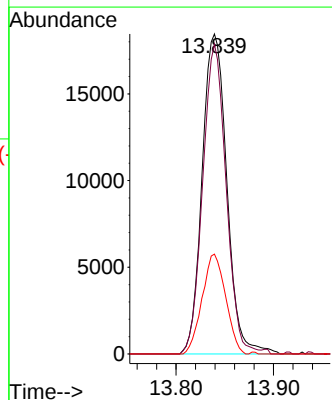


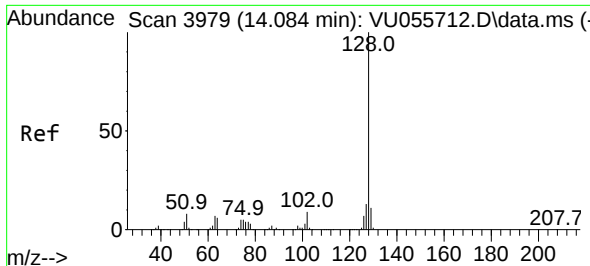
Tgt Ion:180 Resp: 40868
 Ion Ratio Lower Upper
 180 100
 182 99.3 76.2 114.2
 184 28.8 23.9 35.9
 145 33.5 25.4 38.2



#70
 1,2,4-trichlorobenzene
 Concen: 8.757 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.003 min
 Lab File: VU055711.D
 Acq: 10 Oct 2023 10:16

Tgt Ion:180 Resp: 32492
 Ion Ratio Lower Upper
 180 100
 182 91.5 75.4 113.2
 145 29.7 26.1 39.1

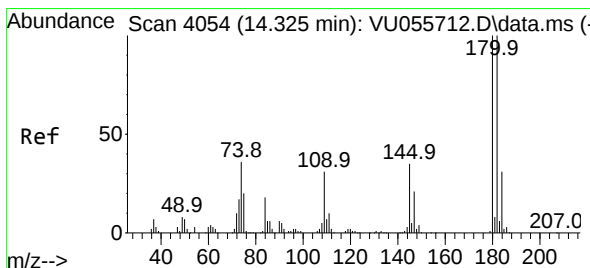
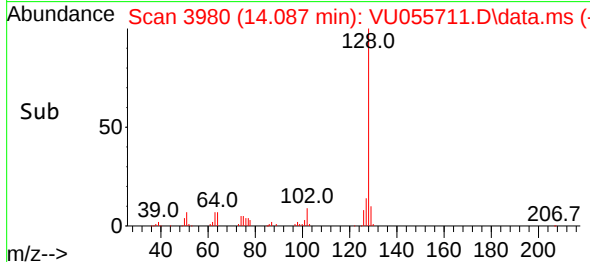
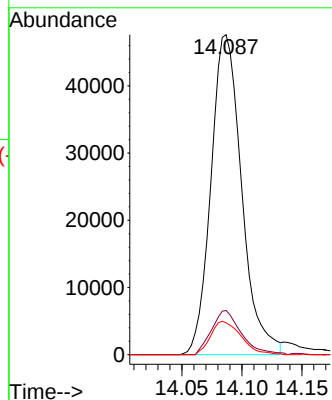
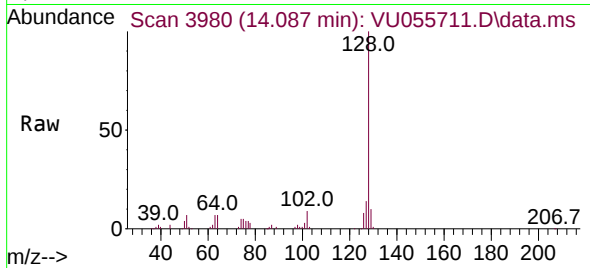




#71
Naphthalene
Concen: 7.052 ug/L
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.3	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 8.806 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU055711.D
Acq: 10 Oct 2023 10:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.1	117.1
145	34.6	27.4	41.0

