

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101723\
 Data File : VU055790.D
 Acq On : 17 Oct 2023 13:47
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 05:35:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 18 05:33:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	434511	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	443998	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	259043	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	144256	37.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.020%
7) Chloroethane-d5	1.888	69	127259	39.946	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.900%
11) 1,1-Dichloroethene-d2	2.560	63	269166	38.733	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.460%
21) 2-Butanone-d5	4.615	46	255408	88.441	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.440%
24) Chloroform-d	5.055	84	344513	46.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.220%
26) 1,2-Dichloroethane-d4	5.695	65	217689	47.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.660%
32) Benzene-d6	5.721	84	651945	45.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.780%
36) 1,2-Dichloropropane-d6	6.685	67	214657	47.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.460%
41) Toluene-d8	7.894	98	570894	44.506	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.020%
43) trans-1,3-Dichloroprop...	8.174	79	95232	44.082	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.160%
47) 2-Hexanone-d5	8.631	63	142530	80.616	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	378292	54.647	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.300%
66) 1,2-Dichlorobenzene-d4	12.190	152	258016	50.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	150067	41.479	ug/L	100
3) Chloromethane	1.518	50	189084	55.233	ug/L	97
5) Vinyl chloride	1.602	62	178167	47.291	ug/L	97
6) Bromomethane	1.830	94	65336	27.128	ug/L	96
8) Chloroethane	1.911	64	119792	48.475	ug/L	100
9) Trichlorofluoromethane	2.126	101	218710	40.632	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	142355	41.123	ug/L	98
12) 1,1-Dichloroethene	2.570	96	142702	46.325	ug/L	95
13) Acetone	2.618	43	189386	70.668	ug/L	95
14) Carbon disulfide	2.785	76	408933	43.623	ug/L	100
15) Methyl Acetate	2.940	43	216741	52.809	ug/L	98
16) Methylene chloride	3.036	84	211837	56.707	ug/L	95
17) trans-1,2-Dichloroethene	3.345	96	158040	50.173	ug/L	96
18) Methyl tert-butyl Ether	3.354	73	610750	60.291	ug/L	98
19) 1,1-Dichloroethane	3.859	63	341199	52.820	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	197000	54.798	ug/L	97
22) 2-Butanone	4.692	43	299436	92.699	ug/L	98
23) Bromochloromethane	4.965	128	108176	58.102	ug/L	94
25) Chloroform	5.081	83	363771	53.908	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101723\
 Data File : VU055790.D
 Acq On : 17 Oct 2023 13:47
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 05:35:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 18 05:33:39 2023
 Response via : Initial Calibration

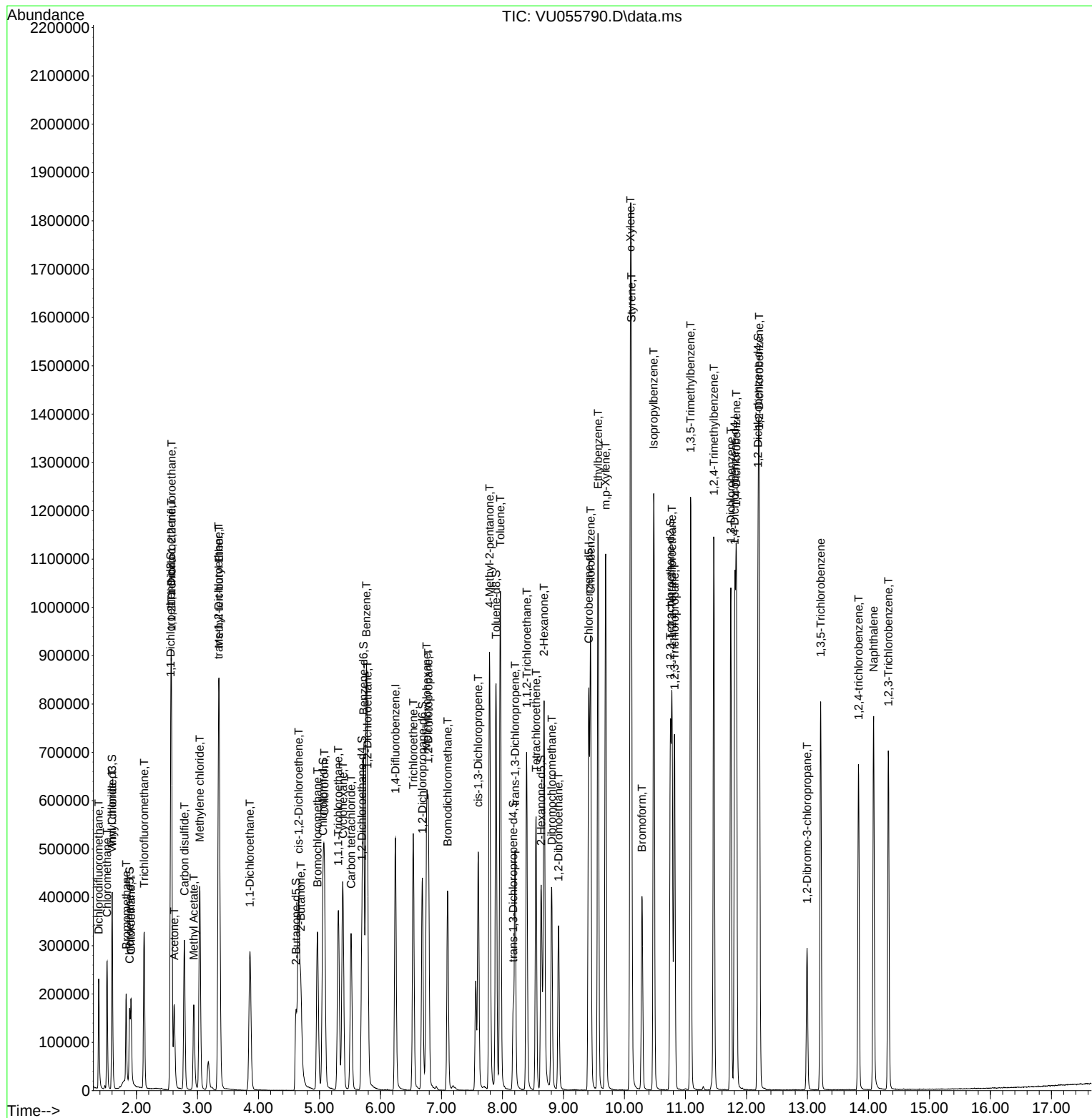
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	292334	54.165	ug/L	99
29) Cyclohexane	5.383	56	215952	42.434	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	280101	48.830	ug/L	97
31) Carbon tetrachloride	5.518	117	226835	45.177	ug/L	98
33) Benzene	5.766	78	744792	53.067	ug/L	100
34) Trichloroethene	6.538	95	188040	48.965	ug/L	98
35) Methylcyclohexane	6.759	83	227535	40.837	ug/L	99
37) 1,2-Dichloropropane	6.785	63	213984	55.368	ug/L	99
38) Bromodichloromethane	7.100	83	278527	54.649	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	305541	51.965	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	615459	114.470	ug/L	96
42) Toluene	7.965	91	774749	52.314	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	288241	51.236	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	220280	57.803	ug/L	98
46) Tetrachloroethene	8.550	164	125251	45.554	ug/L	98
48) 2-Hexanone	8.682	43	512444	112.838	ug/L	95
49) Dibromochloromethane	8.808	129	219795	56.447	ug/L	97
50) 1,2-Dibromoethane	8.920	107	229260	56.010	ug/L	97
51) Chlorobenzene	9.444	112	502508	52.444	ug/L	100
52) Ethylbenzene	9.566	91	815209	50.349	ug/L	100
53) m,p-Xylene	9.692	106	319199	52.623	ug/L	96
54) o-Xylene	10.097	106	322903	55.011	ug/L	97
55) Styrene	10.113	104	586027	58.934	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	398453	61.063	ug/L	99
59) Bromoform	10.287	173	183875	57.662	ug/L	97
60) 1,2,3-Trichloropropane	10.820	75	321083	57.112	ug/L	99
61) Isopropylbenzene	10.480	105	793207	49.118	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	680252	52.058	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	647704	50.127	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	424398	53.162	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	414971	50.558	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	439072	55.422	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	79889	47.531	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	245469	46.098	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	203420	45.863	ug/L	100
71) Naphthalene	14.084	128	631261	47.911	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	210763	48.196	ug/L	99

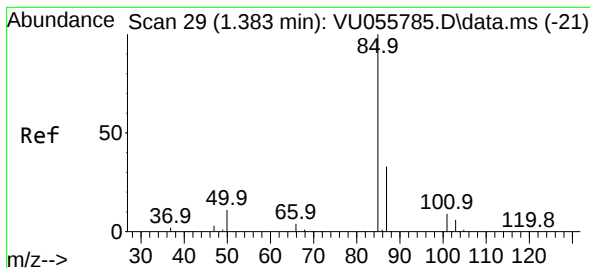
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101723\
Data File : VU055790.D
Acq On : 17 Oct 2023 13:47
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 18 05:35:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 18 05:33:39 2023
Response via : Initial Calibration

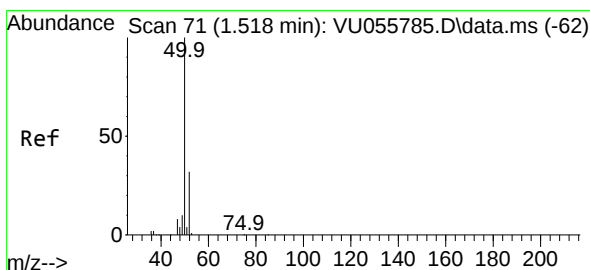
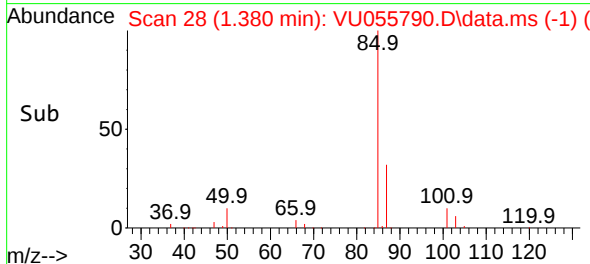
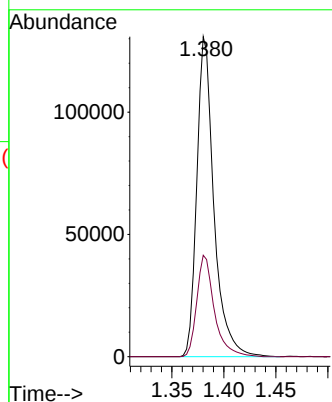
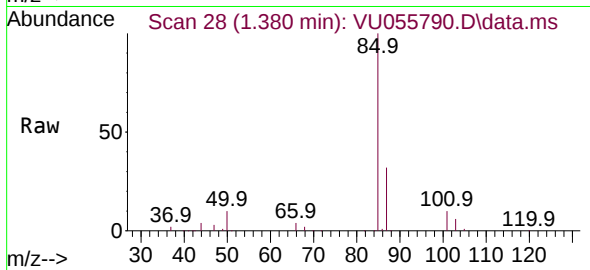




#2
 Dichlorodifluoromethane
 Concen: 41.479 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU055790.D
 Acq: 17 Oct 2023 13:47

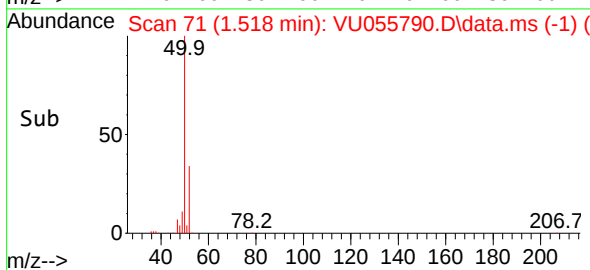
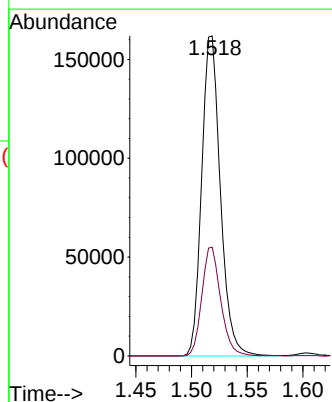
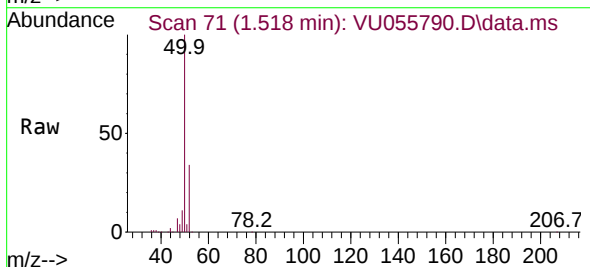
Instrument :
 MSVOA_U
 ClientSampleId :

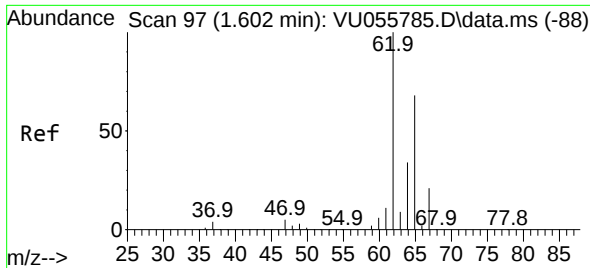
Tgt Ion: 85 Resp: 150067
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 55.233 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055790.D
 Acq: 17 Oct 2023 13:47

Tgt Ion: 50 Resp: 189084
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.8 42.4

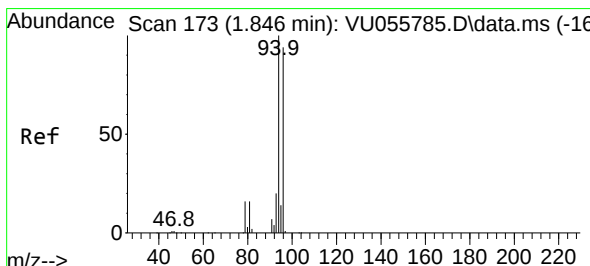
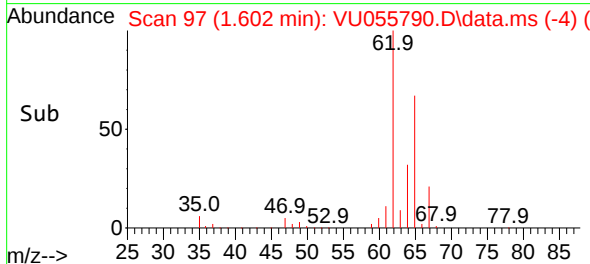
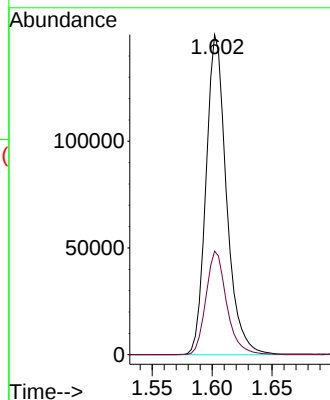
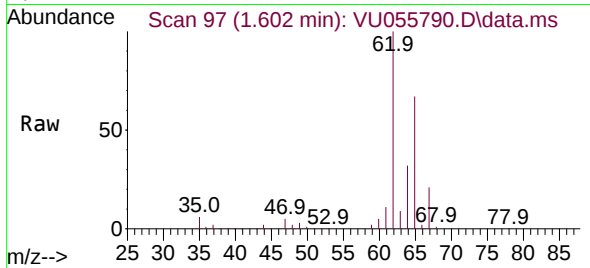




#5
 Vinyl chloride
 Concen: 47.291 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055790.D
 Acq: 17 Oct 2023 13:47

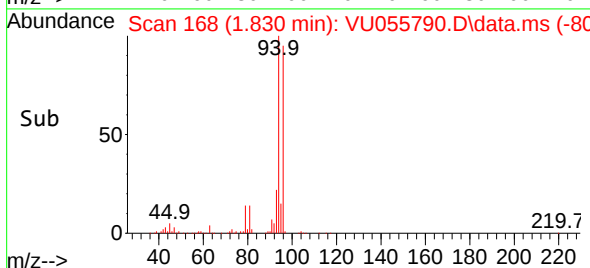
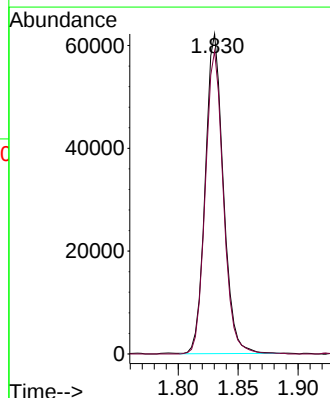
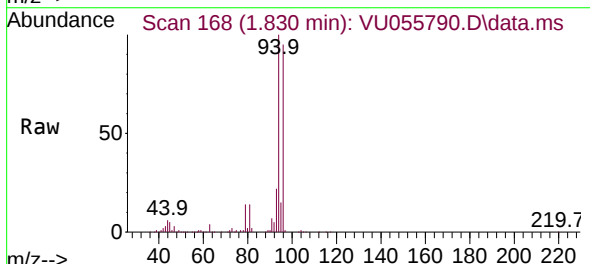
Instrument :
 MSVOA_U
 ClientSampleId :

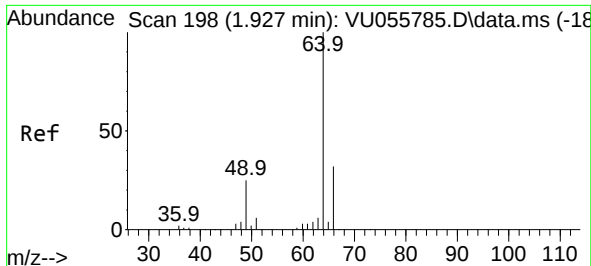
Tgt Ion: 62 Resp: 178167
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.9 44.5



#6
 Bromomethane
 Concen: 27.128 ug/L
 RT: 1.830 min Scan# 168
 Delta R.T. -0.016 min
 Lab File: VU055790.D
 Acq: 17 Oct 2023 13:47

Tgt Ion: 94 Resp: 65336
 Ion Ratio Lower Upper
 94 100
 96 94.6 63.5 117.9

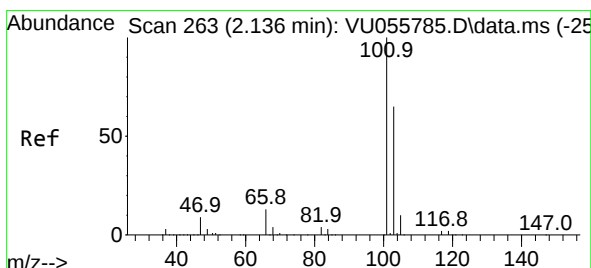
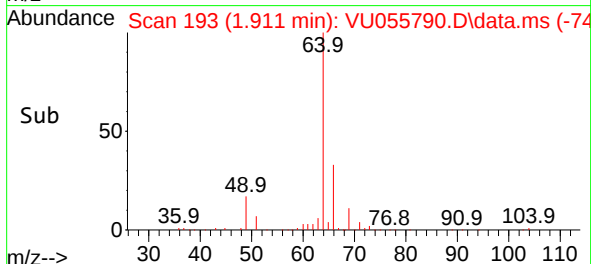
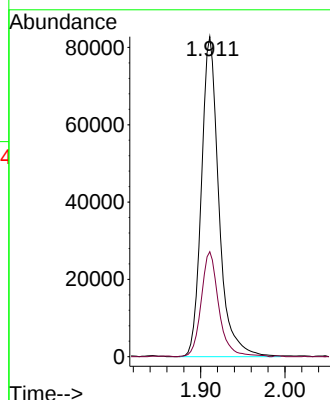
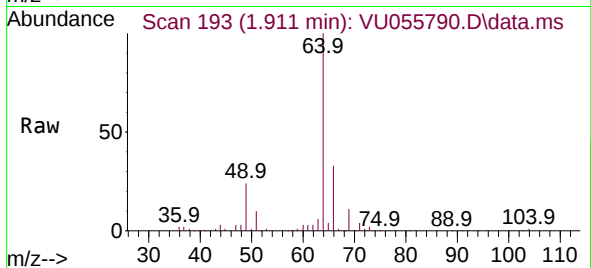




#8
Chloroethane
Concen: 48.475 ug/L
RT: 1.911 min Scan# 19
Delta R.T. -0.016 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

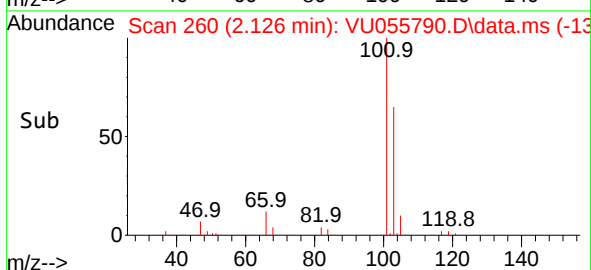
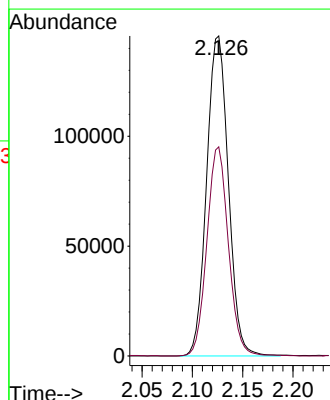
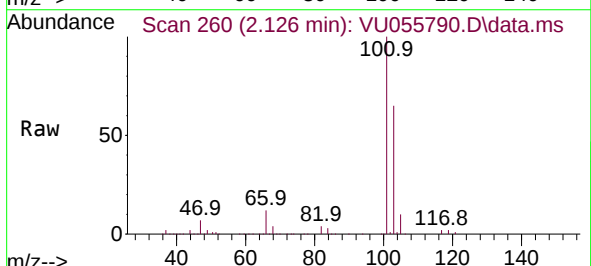
Instrument :
MSVOA_U
ClientSampleId :

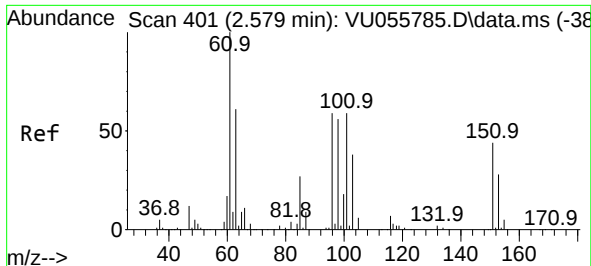
Tgt Ion: 64 Resp: 119792
Ion Ratio Lower Upper
64 100
66 32.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 40.632 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.010 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

Tgt Ion:101 Resp: 218710
Ion Ratio Lower Upper
101 100
103 64.7 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 41.123 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Instrument :

MSVOA_U

ClientSampleId :

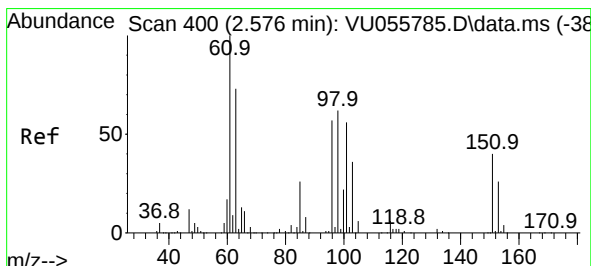
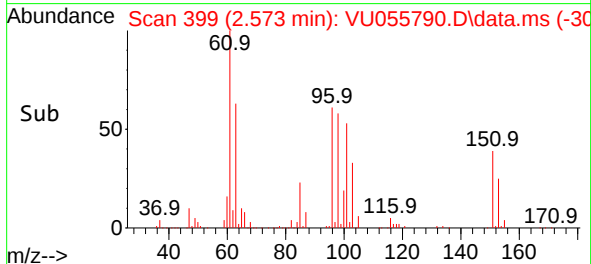
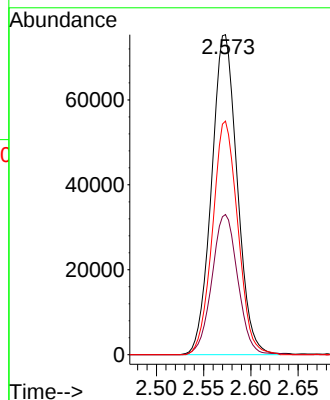
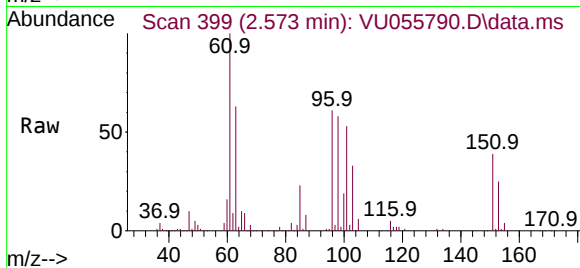
Tgt Ion:101 Resp: 142355

Ion Ratio Lower Upper

101 100

85 44.1 37.1 55.7

151 72.0 58.2 87.4



#12

1,1-Dichloroethene

Concen: 46.325 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

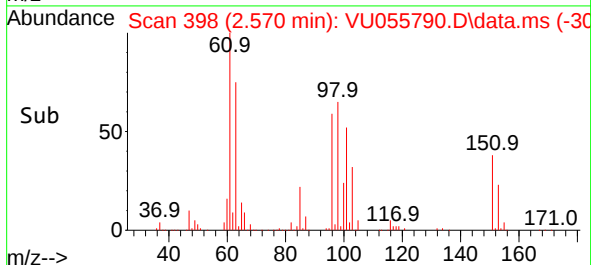
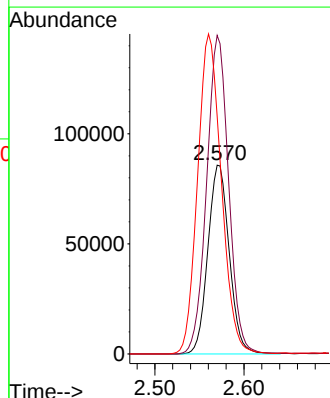
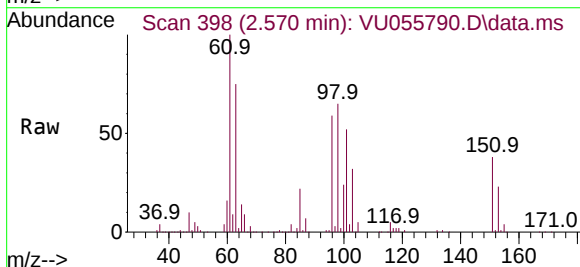
Tgt Ion: 96 Resp: 142702

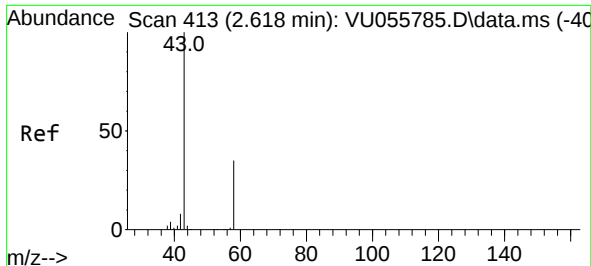
Ion Ratio Lower Upper

96 100

61 168.7 122.0 226.6

63 125.9 93.7 174.1





#13

Acetone

Concen: 70.668 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Instrument :

MSVOA_U

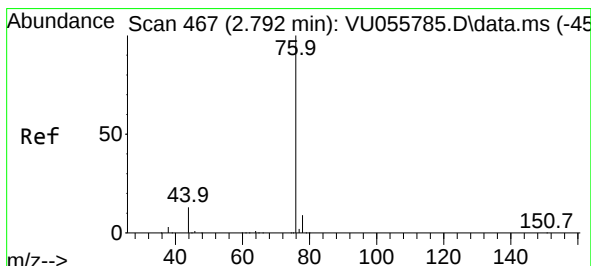
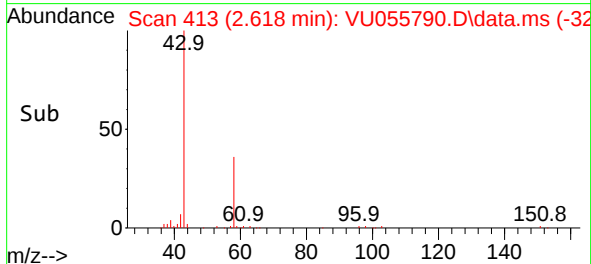
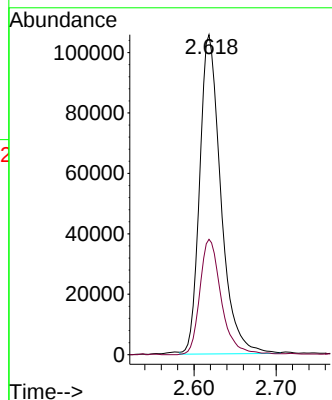
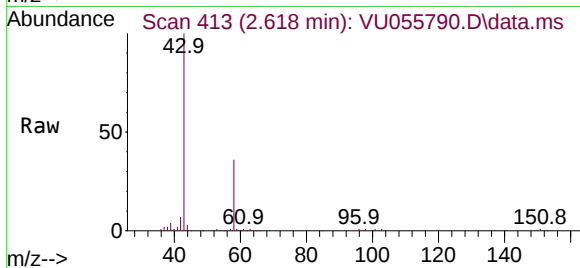
ClientSampleId :

Tgt Ion: 43 Resp: 189386

Ion Ratio Lower Upper

43 100

58 36.4 0.0 67.4



#14

Carbon disulfide

Concen: 43.623 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.006 min

Lab File: VU055790.D

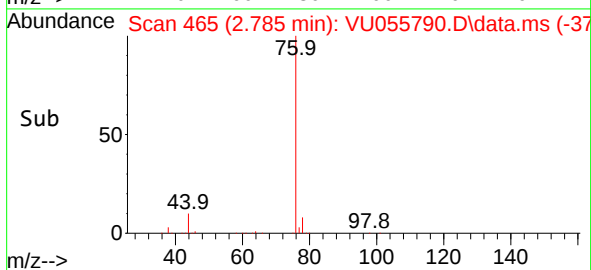
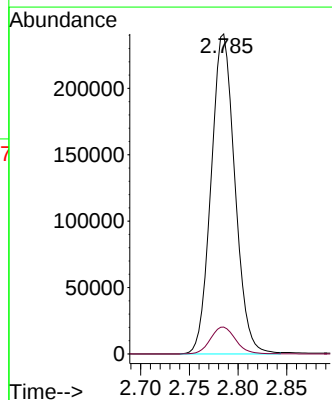
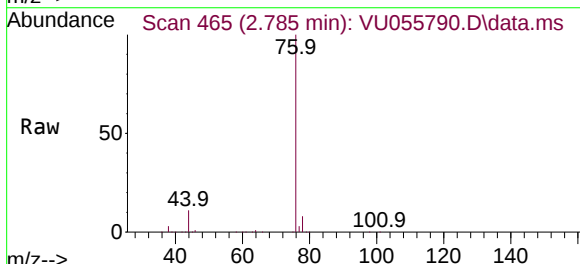
Acq: 17 Oct 2023 13:47

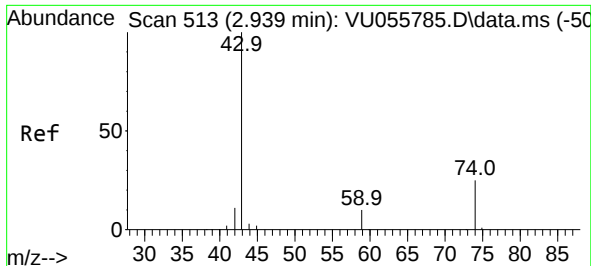
Tgt Ion: 76 Resp: 408933

Ion Ratio Lower Upper

76 100

78 8.4 6.8 10.2

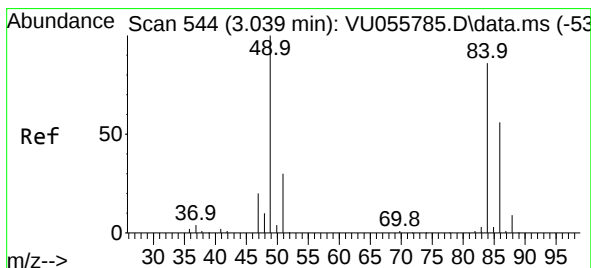
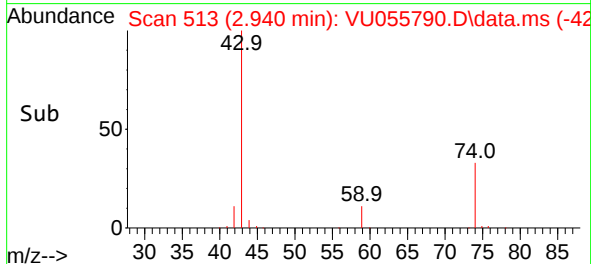
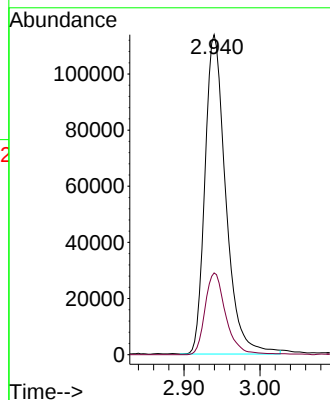
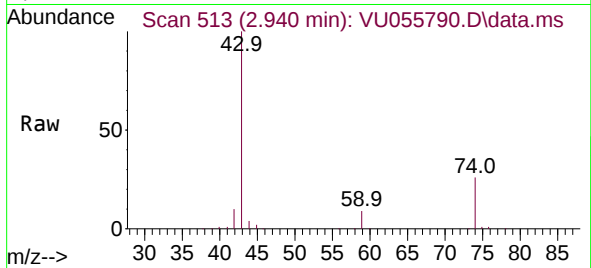




#15
Methyl Acetate
Concen: 52.809 ug/L
RT: 2.940 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

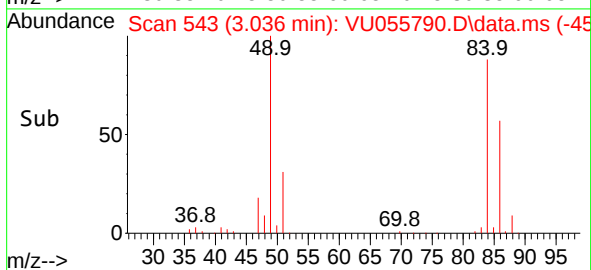
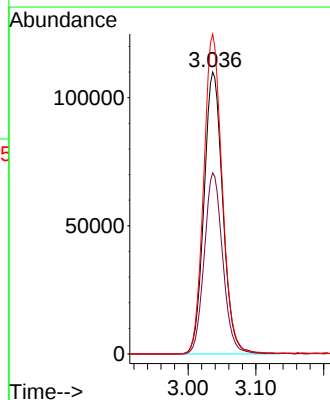
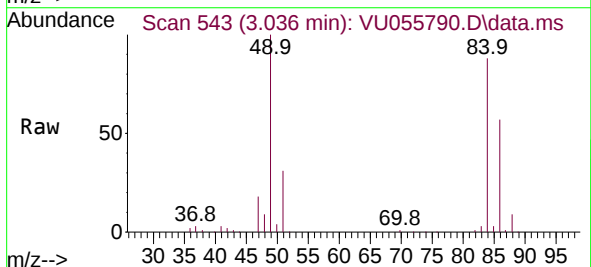
Instrument :
MSVOA_U
ClientSampleId :

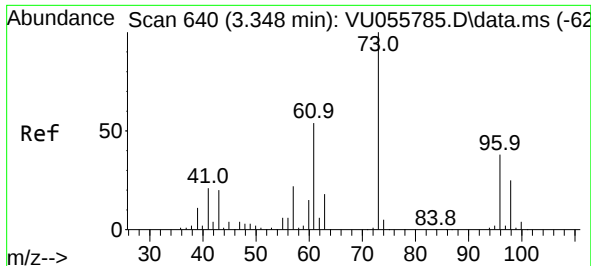
Tgt Ion: 43 Resp: 216741
Ion Ratio Lower Upper
43 100
74 25.5 19.5 29.3



#16
Methylene chloride
Concen: 56.707 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

Tgt Ion: 84 Resp: 211837
Ion Ratio Lower Upper
84 100
86 64.2 46.3 86.1
49 113.5 84.8 157.6

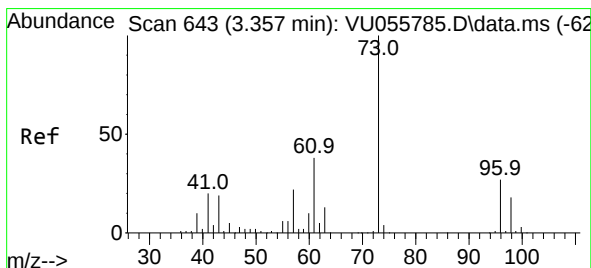
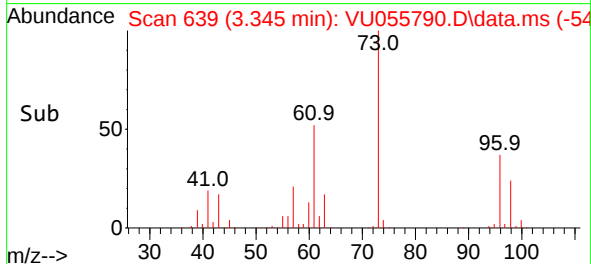
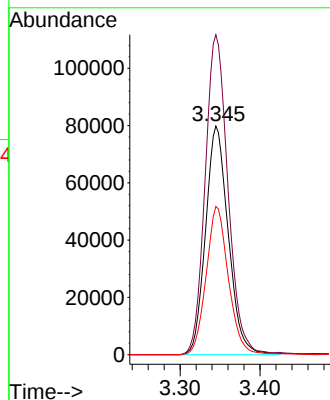
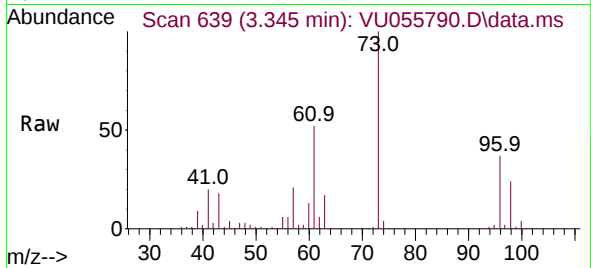




#17
trans-1,2-Dichloroethene
Concen: 50.173 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

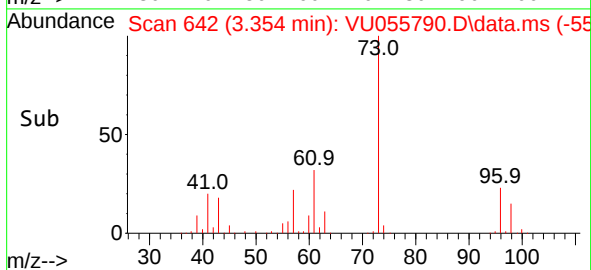
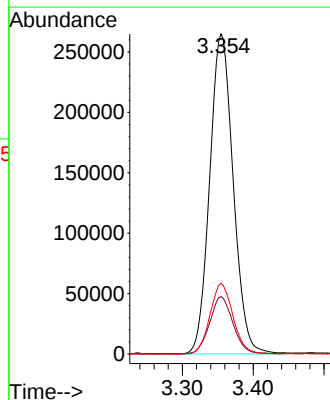
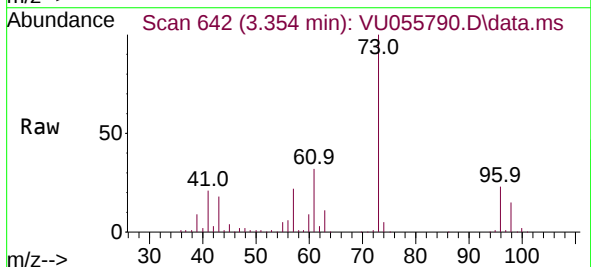
Instrument :
MSVOA_U
ClientSampleId :

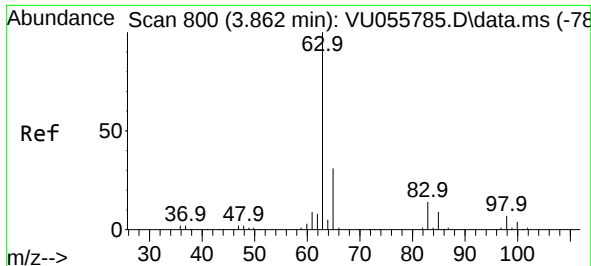
Tgt Ion: 96 Resp: 158040
Ion Ratio Lower Upper
96 100
61 139.9 102.1 189.7
98 64.8 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 60.291 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.003 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

Tgt Ion: 73 Resp: 610750
Ion Ratio Lower Upper
73 100
43 17.7 15.4 23.2
57 21.5 17.7 26.5





#19

1,1-Dichloroethane

Concen: 52.820 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Instrument :

MSVOA_U

ClientSampleId :

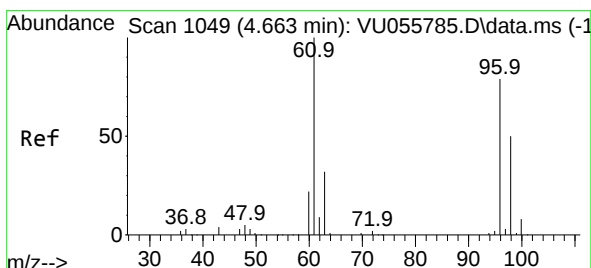
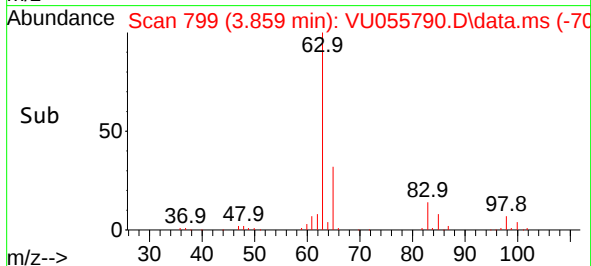
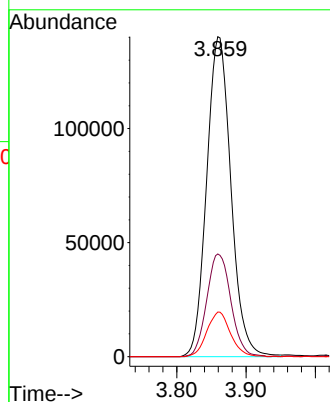
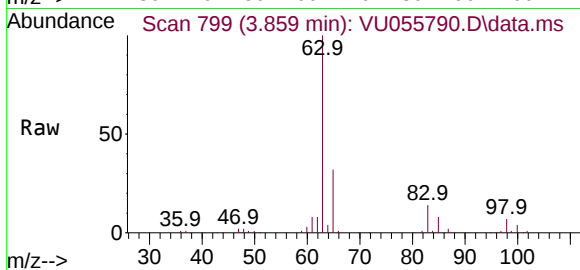
Tgt Ion: 63 Resp: 341199

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.5

83 13.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 54.798 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

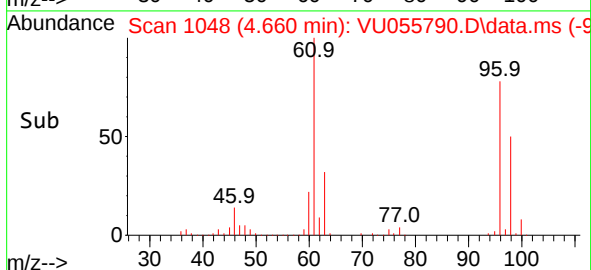
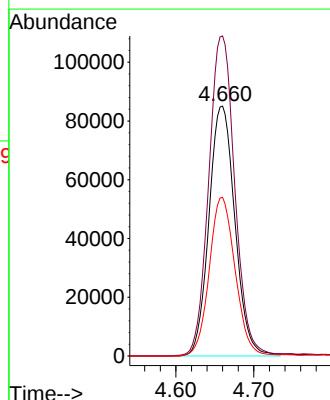
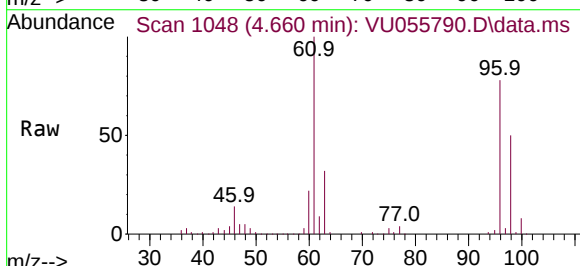
Tgt Ion: 96 Resp: 197000

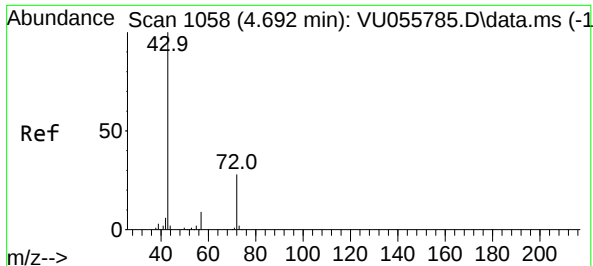
Ion Ratio Lower Upper

96 100

61 128.0 92.3 171.5

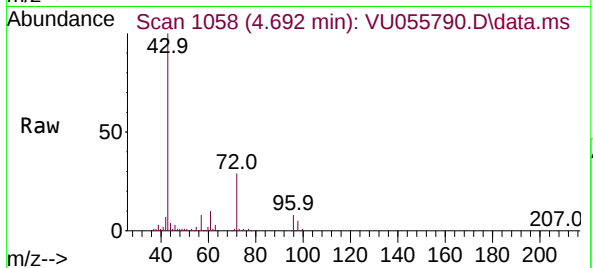
98 63.5 43.9 81.5



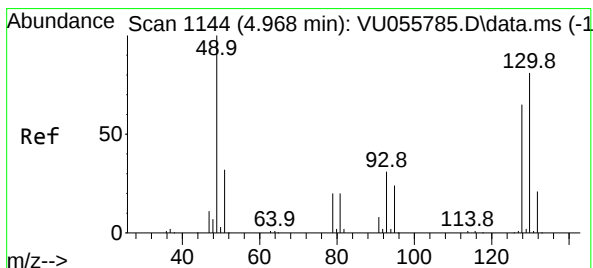
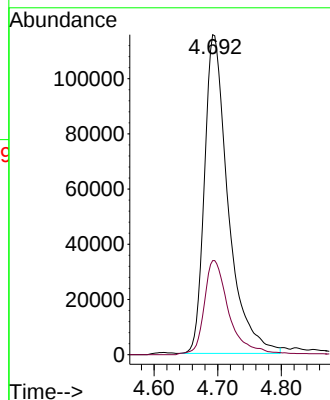
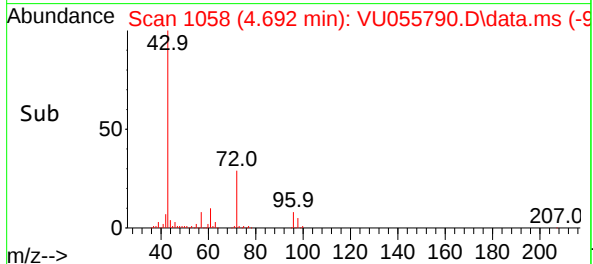


#22
2-Butanone
Concen: 92.699 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

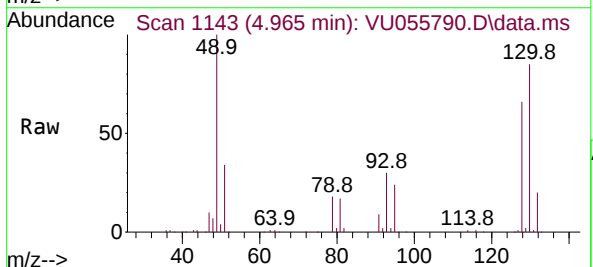
Instrument :
MSVOA_U
ClientSampleId :



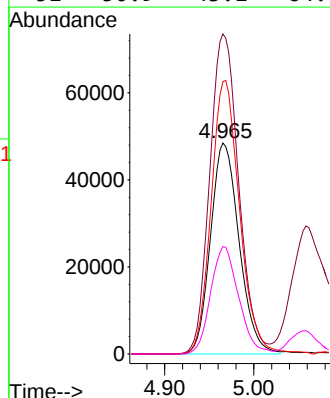
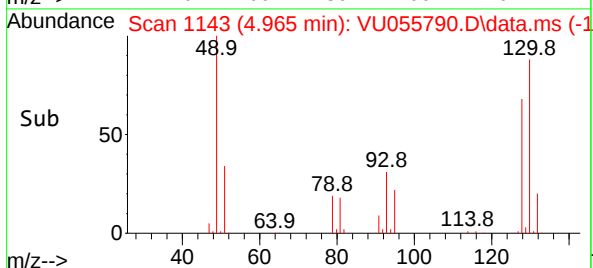
Tgt Ion: 43 Resp: 299436
Ion Ratio Lower Upper
43 100
72 30.5 14.6 44.0

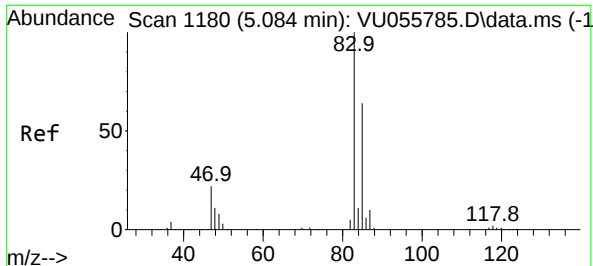


#23
Bromochloromethane
Concen: 58.102 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47



Tgt Ion:128 Resp: 108176
Ion Ratio Lower Upper
128 100
49 151.8 116.3 216.1
130 129.1 91.6 170.0
51 50.9 43.1 64.7





#25

Chloroform

Concen: 53.908 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Instrument :

MSVOA_U

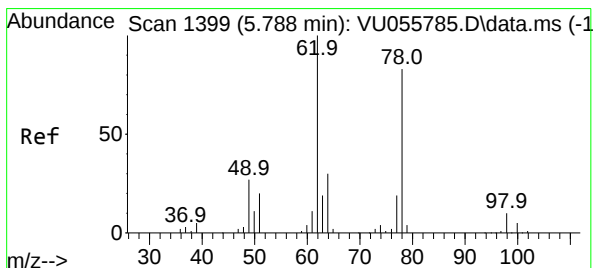
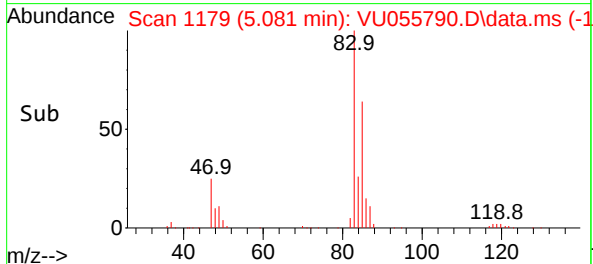
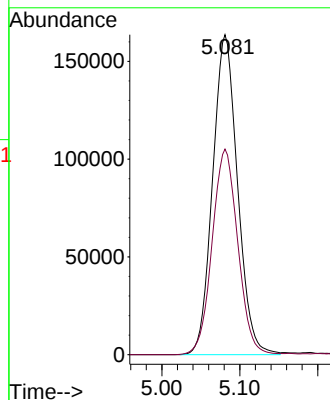
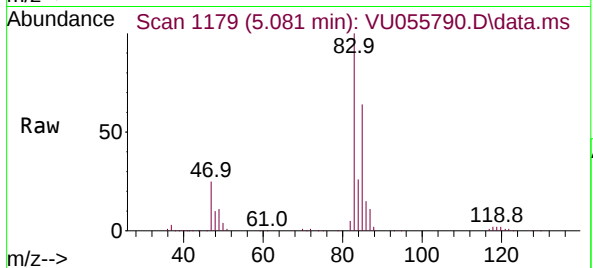
ClientSampleId :

Tgt Ion: 83 Resp: 363771

Ion Ratio Lower Upper

83 100

85 64.3 46.3 86.1



#27

1,2-Dichloroethane

Concen: 54.165 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU055790.D

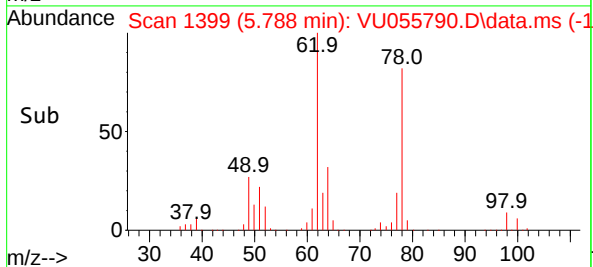
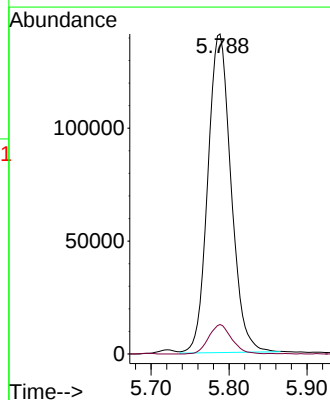
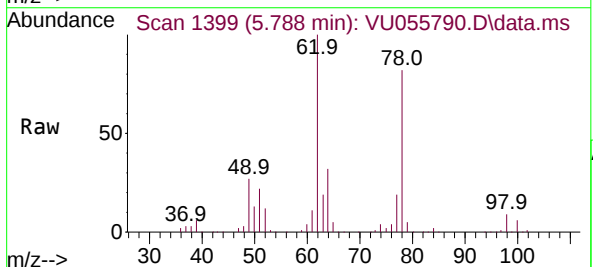
Acq: 17 Oct 2023 13:47

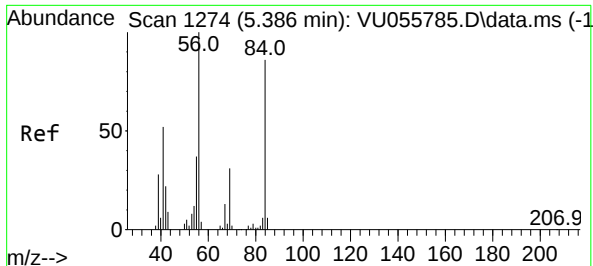
Tgt Ion: 62 Resp: 292334

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 42.434 ug/L

RT: 5.383 min Scan# 11

Delta R.T. -0.003 min

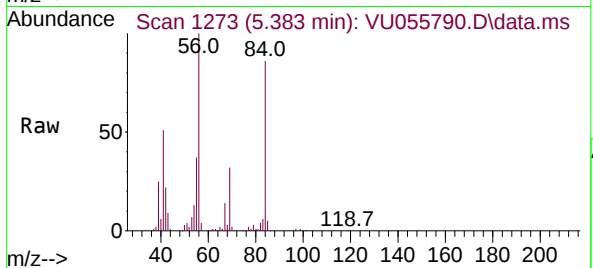
Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Instrument :

MSVOA_U

ClientSampleId :



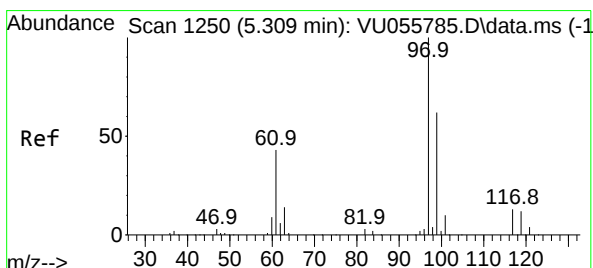
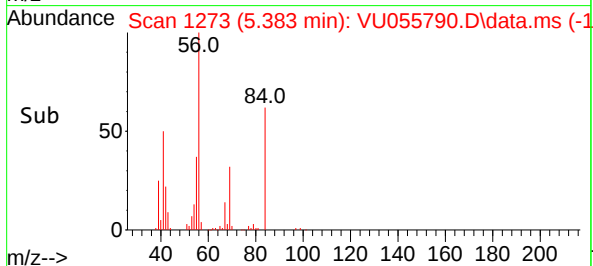
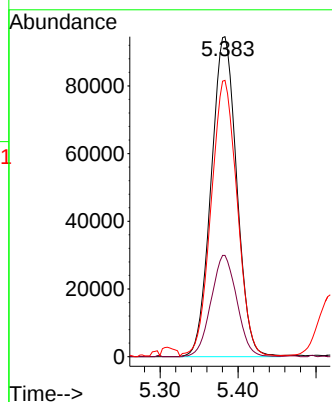
Tgt Ion: 56 Resp: 215952

Ion Ratio Lower Upper

56 100

69 31.9 24.9 37.3

84 88.0 70.7 106.1



#30

1,1,1-Trichloroethane

Concen: 48.830 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

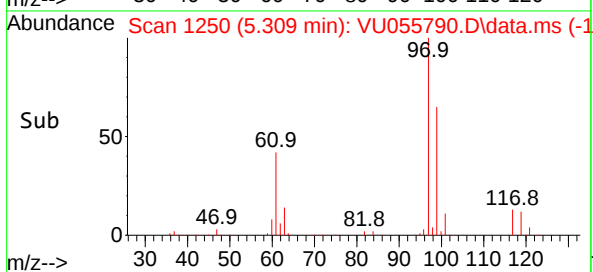
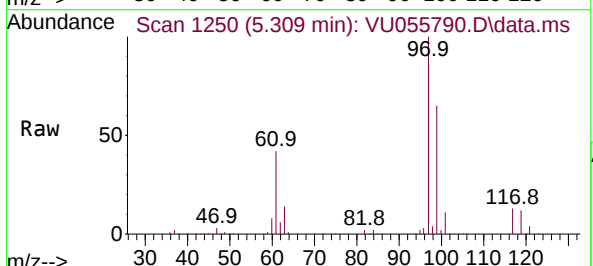
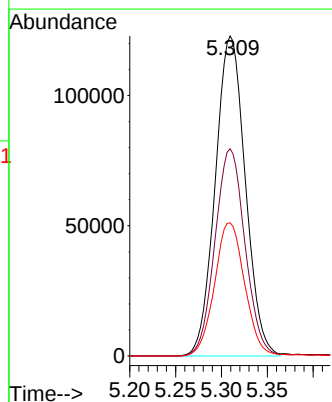
Tgt Ion: 97 Resp: 280101

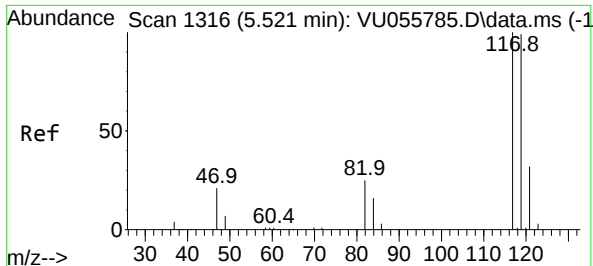
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 41.7 36.8 55.2

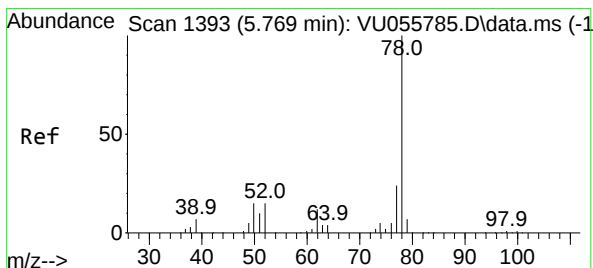
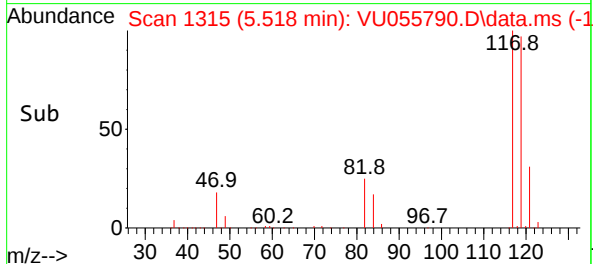
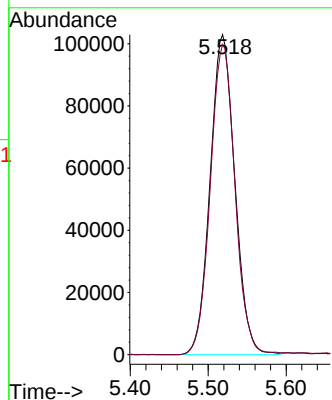
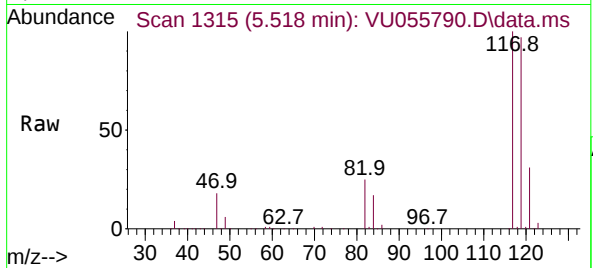




#31
Carbon tetrachloride
Concen: 45.177 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

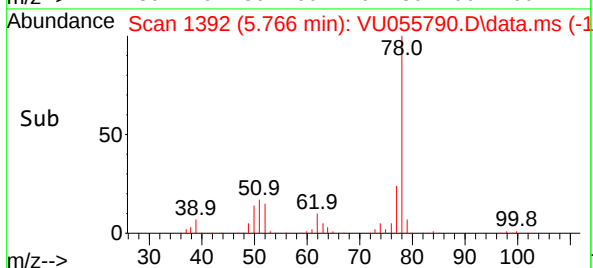
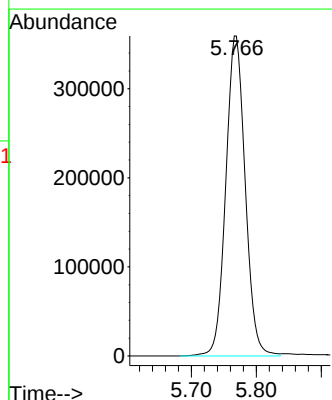
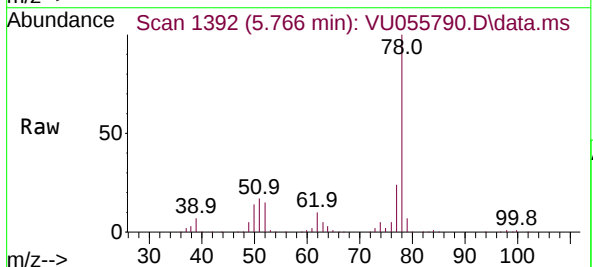
Instrument :
MSVOA_U
ClientSampleId :

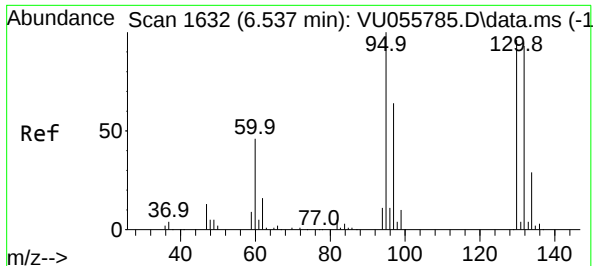
Tgt Ion:117 Resp: 226835
Ion Ratio Lower Upper
117 100
119 96.5 75.4 113.0



#33
Benzene
Concen: 53.067 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

Tgt Ion: 78 Resp: 744792

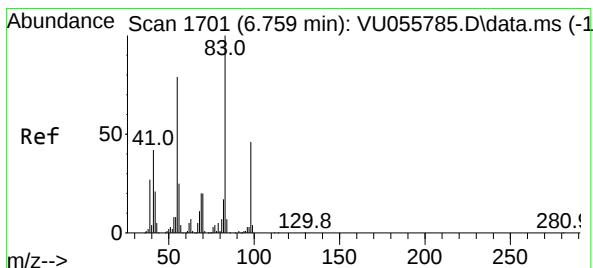
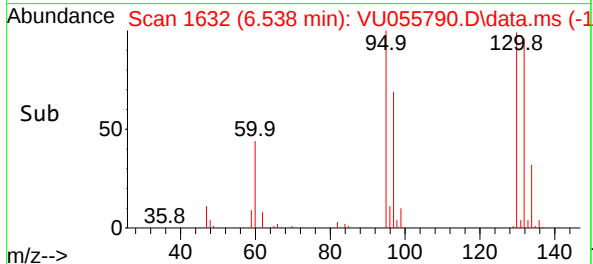
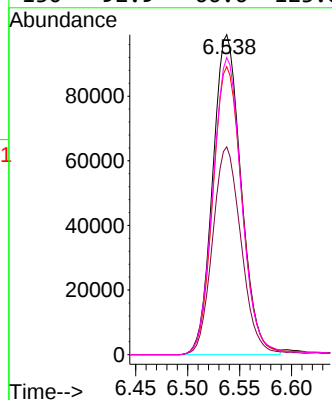
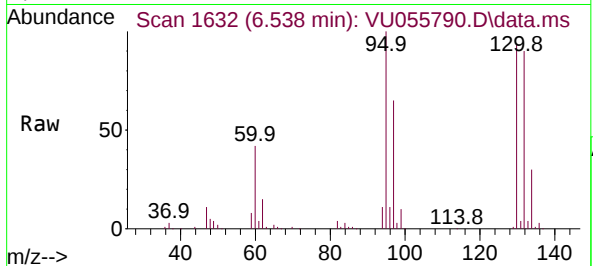




#34
Trichloroethene
Concen: 48.965 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

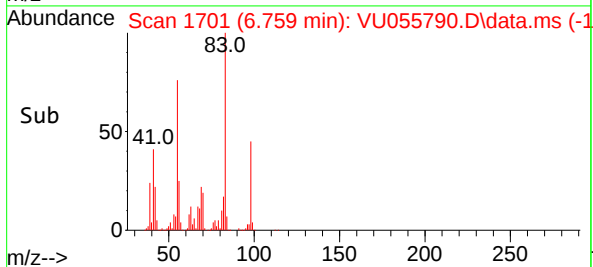
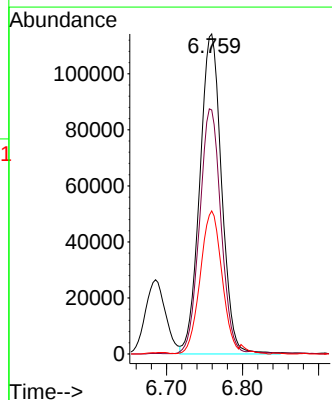
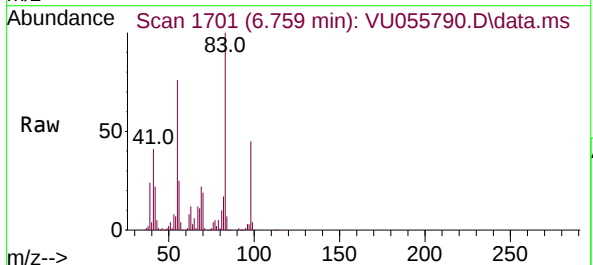
Instrument :
MSVOA_U
ClientSampleId :

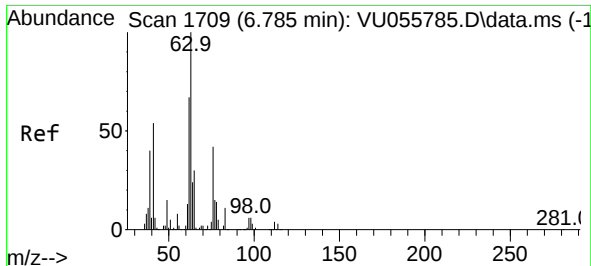
Tgt Ion: 95 Resp: 188040
Ion Ratio Lower Upper
95 100
97 64.9 44.4 82.5
132 90.0 61.8 114.8
130 92.9 66.6 123.8



#35
Methylcyclohexane
Concen: 40.837 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

Tgt Ion: 83 Resp: 227535
Ion Ratio Lower Upper
83 100
55 74.8 61.2 91.8
98 44.4 35.8 53.6





#37

1,2-Dichloropropane

Concen: 55.368 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Instrument :

MSVOA_U

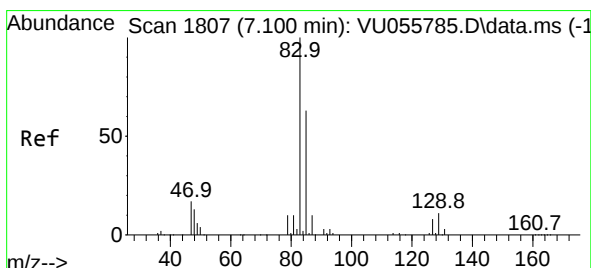
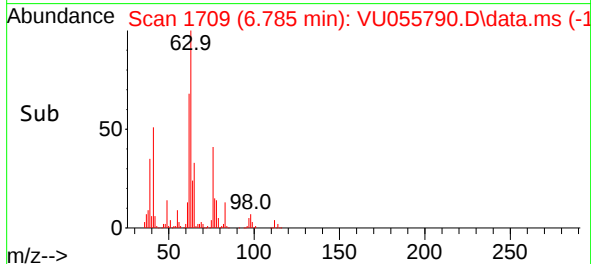
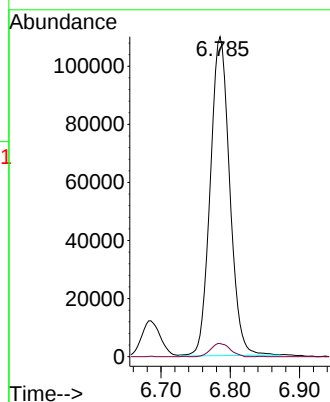
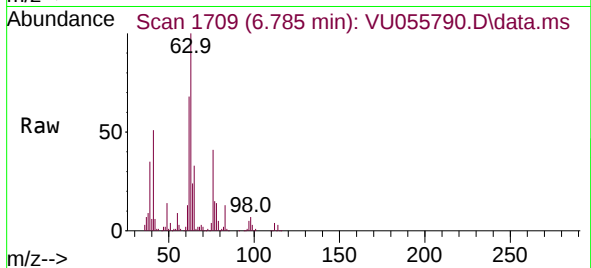
ClientSampleId :

Tgt Ion: 63 Resp: 213984

Ion Ratio Lower Upper

63 100

112 4.2 3.0 4.4



#38

Bromodichloromethane

Concen: 54.649 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

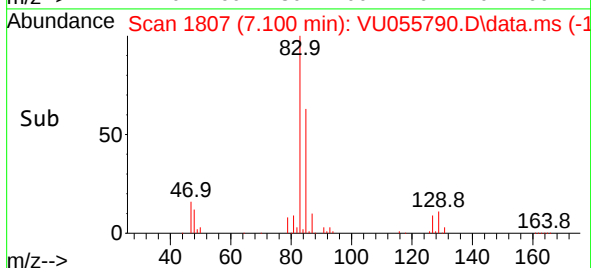
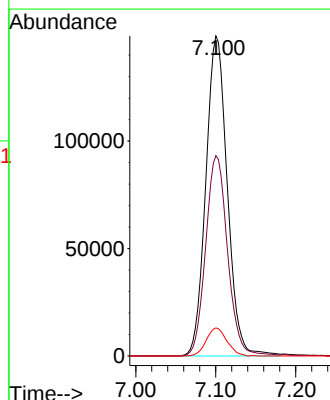
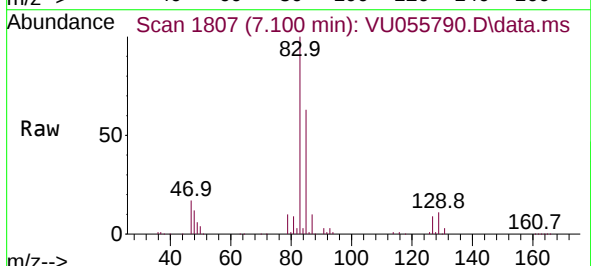
Tgt Ion: 83 Resp: 278527

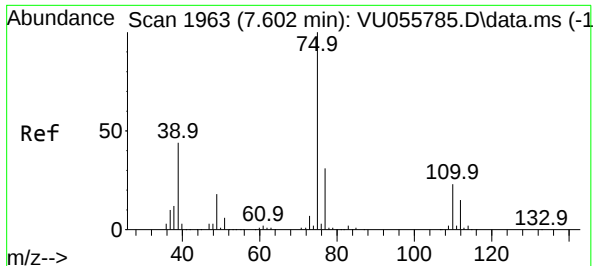
Ion Ratio Lower Upper

83 100

85 62.6 46.0 85.4

127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 51.965 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Instrument :

MSVOA_U

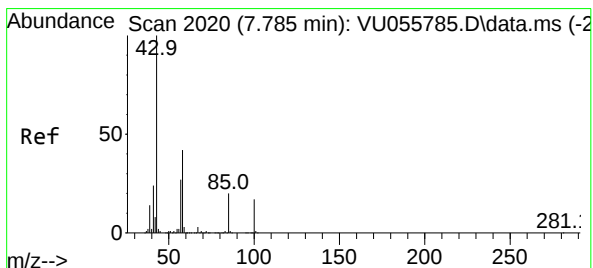
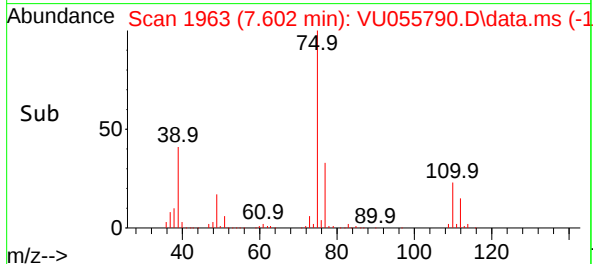
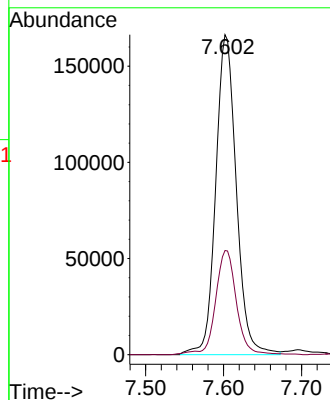
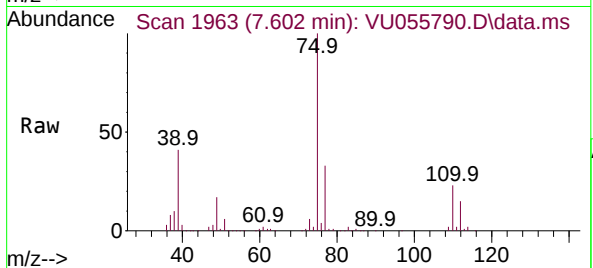
ClientSampleId :

Tgt Ion: 75 Resp: 305541

Ion Ratio Lower Upper

75 100

77 32.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 114.470 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

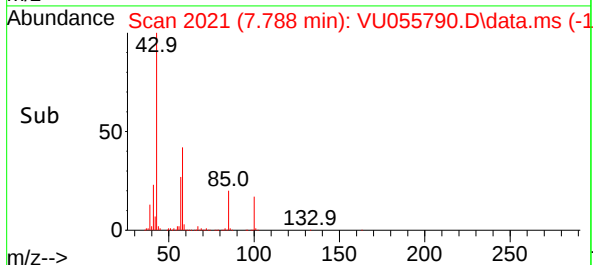
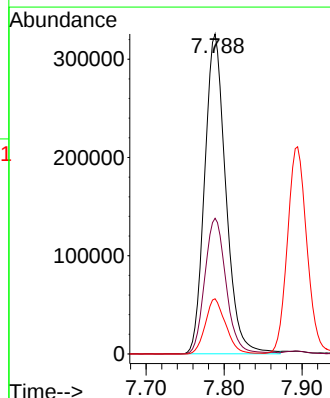
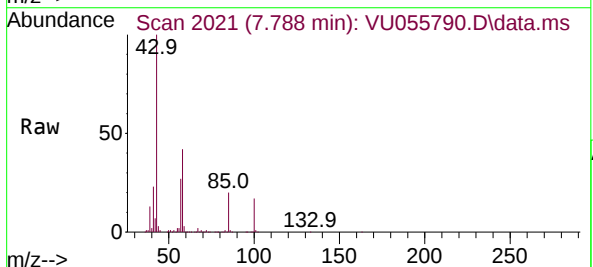
Tgt Ion: 43 Resp: 615459

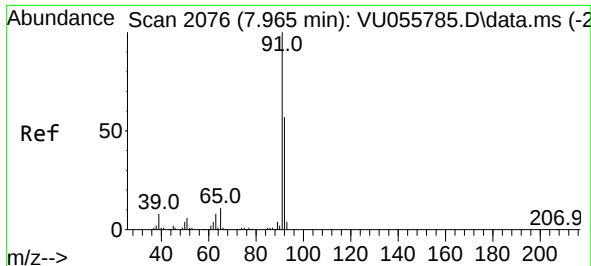
Ion Ratio Lower Upper

43 100

58 42.8 32.3 48.5

100 16.6 12.0 18.0





#42

Toluene

Concen: 52.314 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Instrument :

MSVOA_U

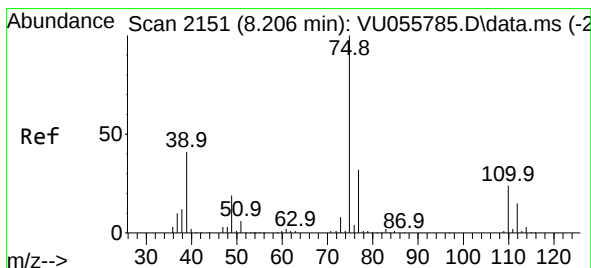
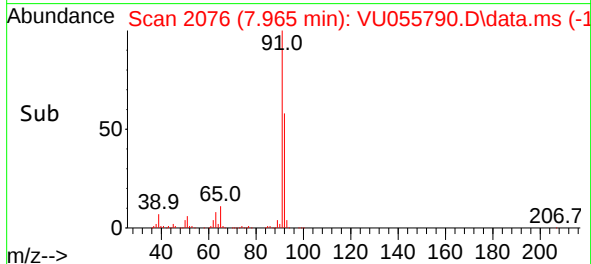
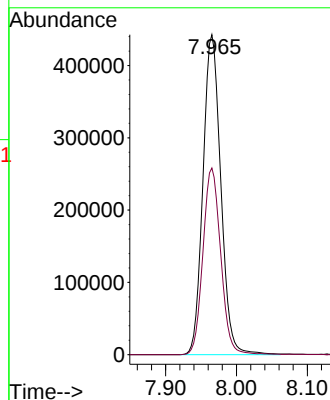
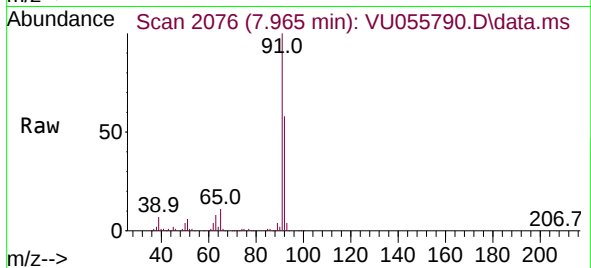
ClientSampleId :

Tgt Ion: 91 Resp: 774749

Ion Ratio Lower Upper

91 100

92 58.4 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 51.236 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU055790.D

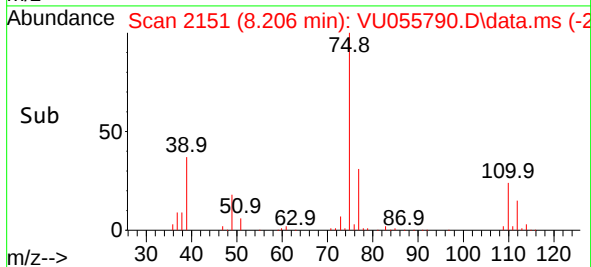
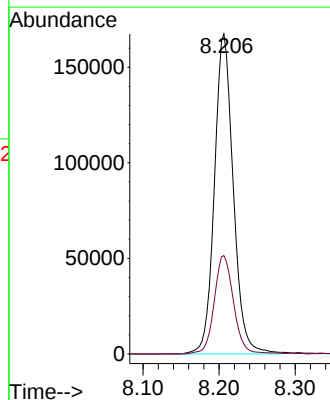
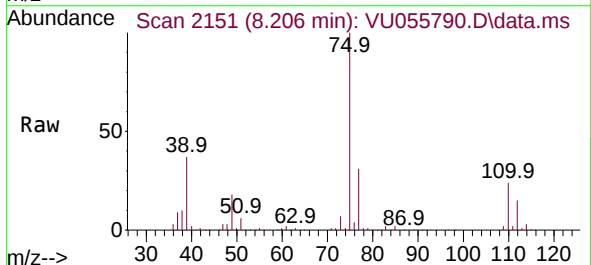
Acq: 17 Oct 2023 13:47

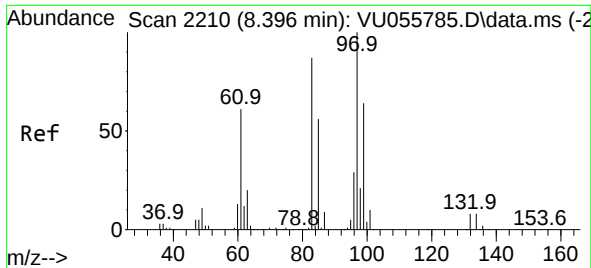
Tgt Ion: 75 Resp: 288241

Ion Ratio Lower Upper

75 100

77 30.7 21.6 40.2

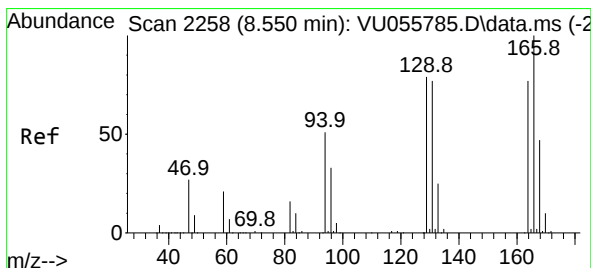
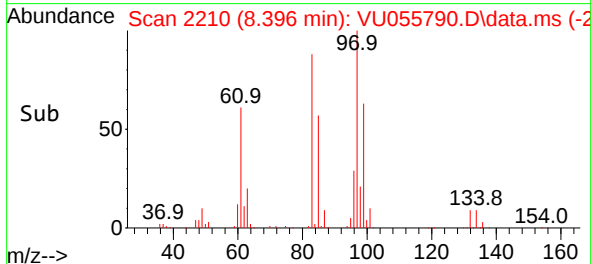
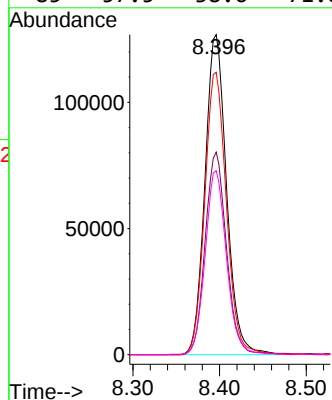
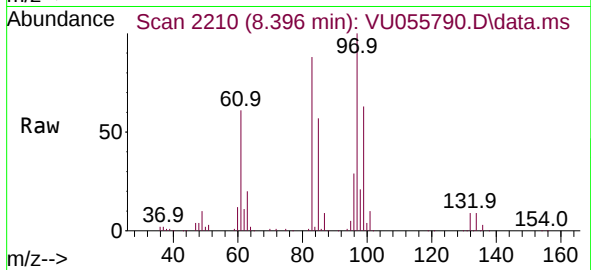




#45
1,1,2-Trichloroethane
Concen: 57.803 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

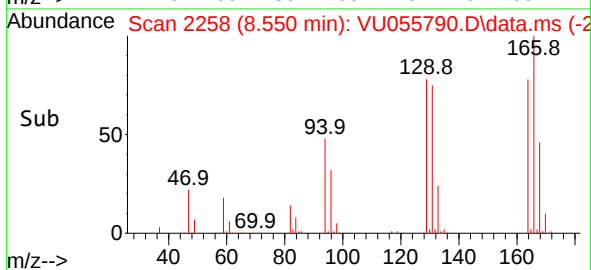
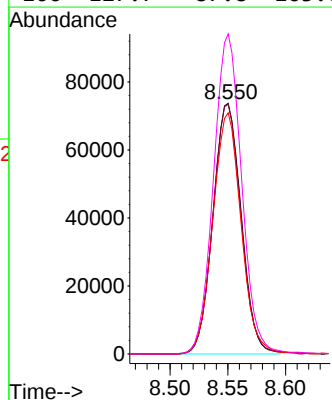
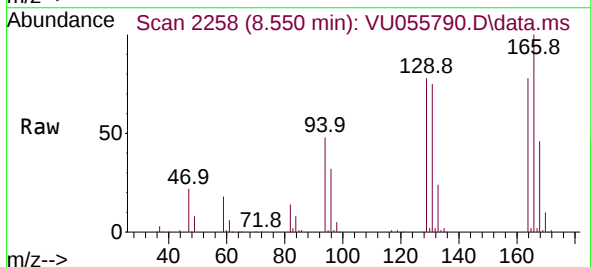
Instrument :
MSVOA_U
ClientSampleId :

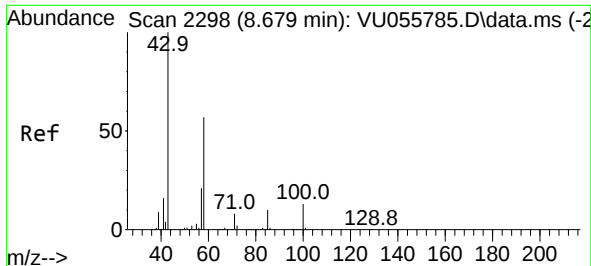
Tgt Ion: 97	Resp: 220280
Ion Ratio	Lower Upper
97 100	
99 63.3	44.4 82.5
83 88.3	60.4 112.2
85 57.5	38.6 71.8



#46
Tetrachloroethene
Concen: 45.554 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

Tgt	Ion:164	Resp:	125251
Ion	Ratio	Lower	Upper
164	100		
129	99.7	70.7	131.3
131	96.3	65.9	122.5
166	127.7	87.8	163.0

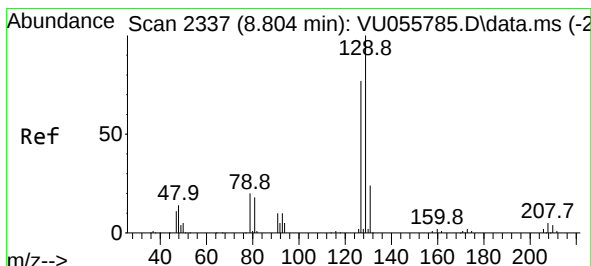
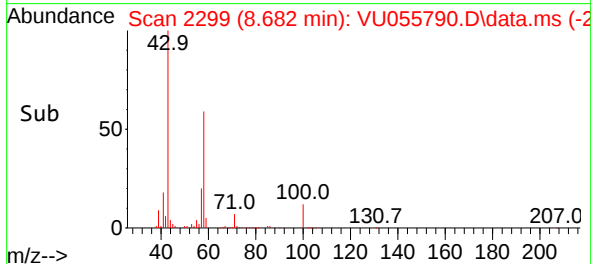
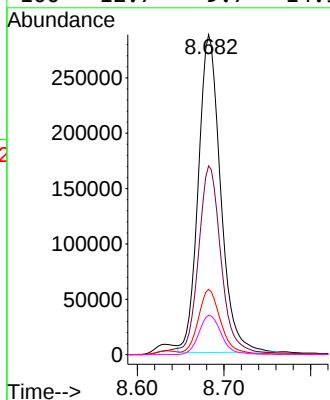
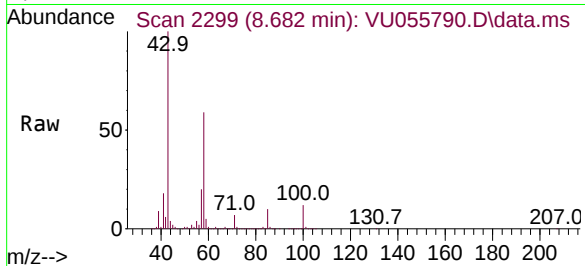




#48
2-Hexanone
Concen: 112.838 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

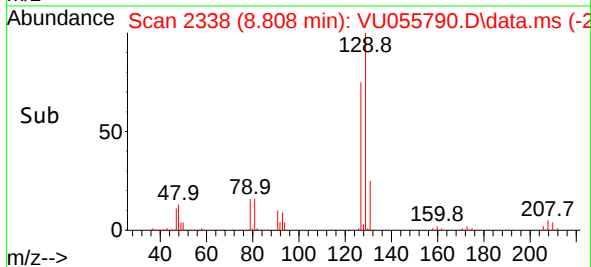
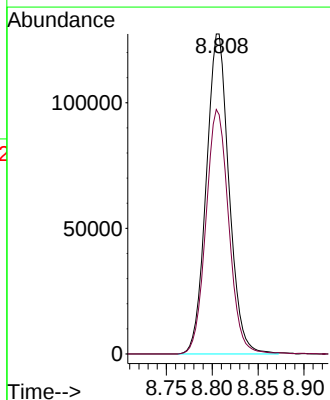
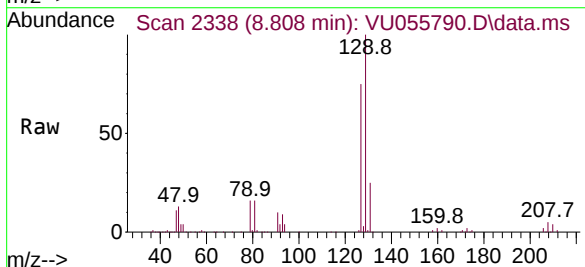
Instrument :
MSVOA_U
ClientSampleId :

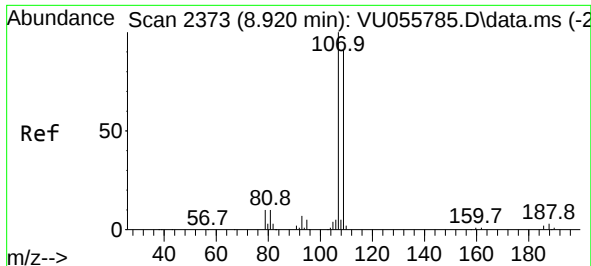
Tgt Ion: 43 Resp: 512444
Ion Ratio Lower Upper
43 100
58 61.8 45.2 67.8
57 20.8 16.1 24.1
100 12.7 9.7 14.5



#49
Dibromochloromethane
Concen: 56.447 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

Tgt Ion: 129 Resp: 219795
Ion Ratio Lower Upper
129 100
127 74.7 54.0 100.4





#50

1,2-Dibromoethane

Concen: 56.010 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

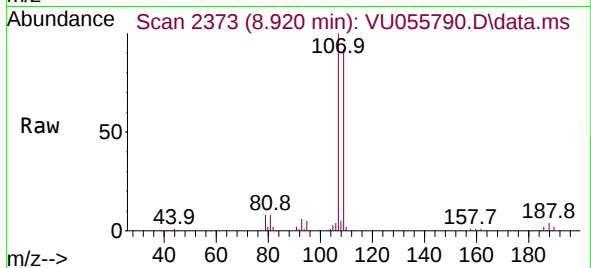
Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Instrument :

MSVOA_U

ClientSampleId :



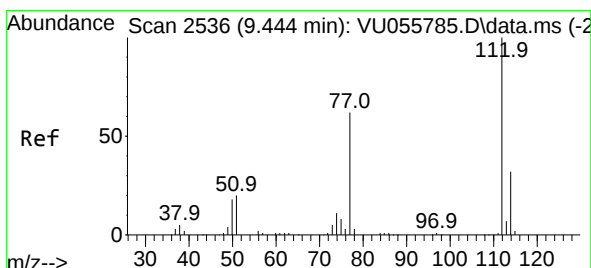
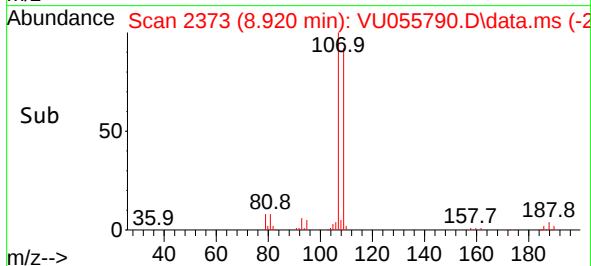
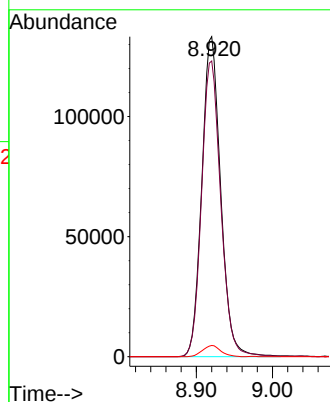
Tgt Ion:107 Resp: 229260

Ion Ratio Lower Upper

107 100

109 92.4 66.7 123.9

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 52.444 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

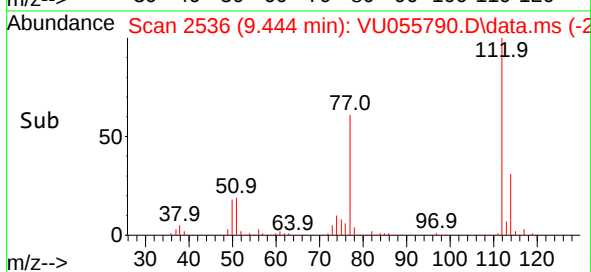
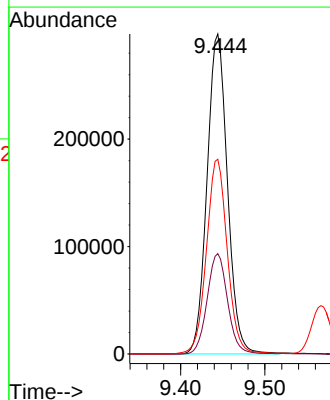
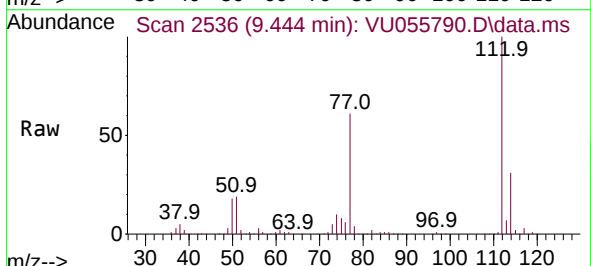
Tgt Ion:112 Resp: 502508

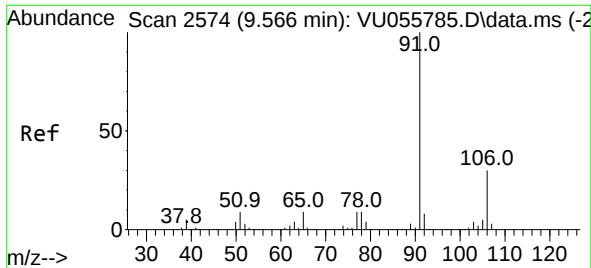
Ion Ratio Lower Upper

112 100

114 31.4 22.0 40.8

77 60.8 49.0 73.6

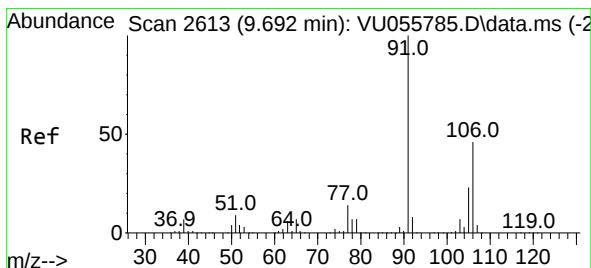
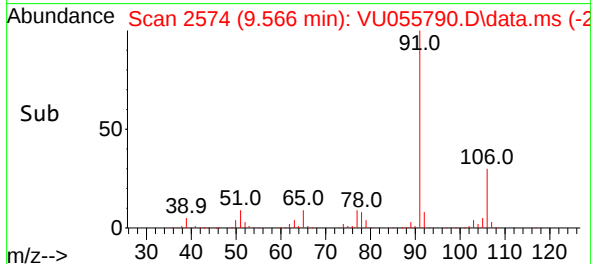
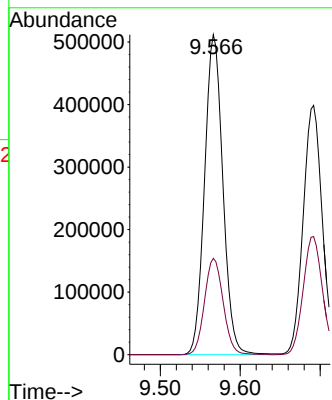
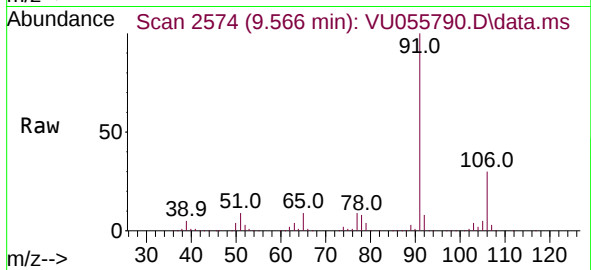




#52
Ethylbenzene
Concen: 50.349 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

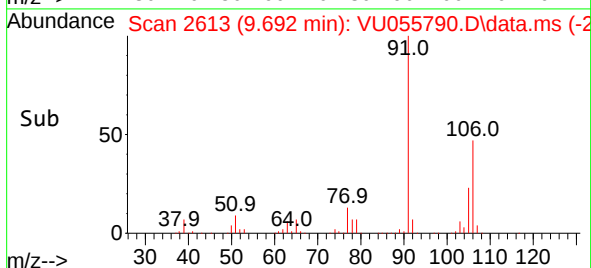
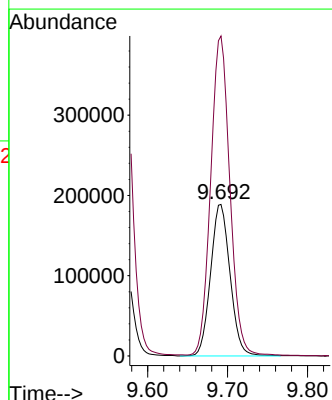
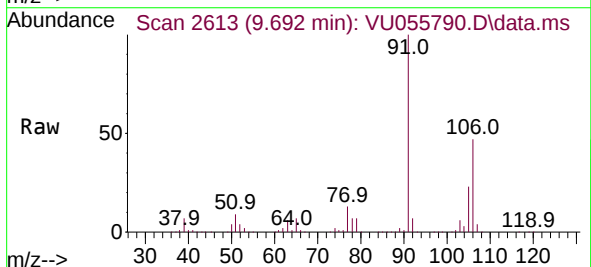
Instrument :
MSVOA_U
ClientSampleId :

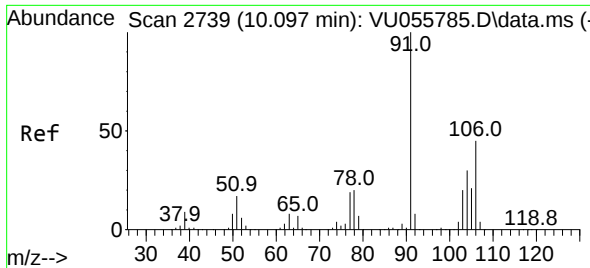
Tgt Ion: 91 Resp: 815209
Ion Ratio Lower Upper
91 100
106 30.1 21.2 39.4



#53
m,p-Xylene
Concen: 52.623 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

Tgt Ion:106 Resp: 319199
Ion Ratio Lower Upper
106 100
91 211.1 143.8 267.0

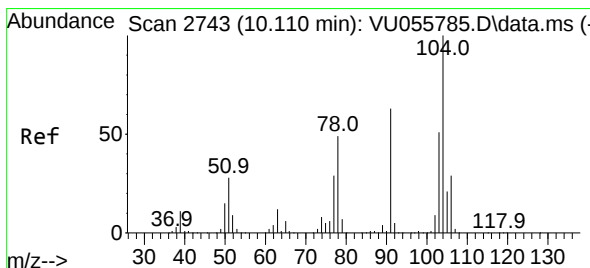
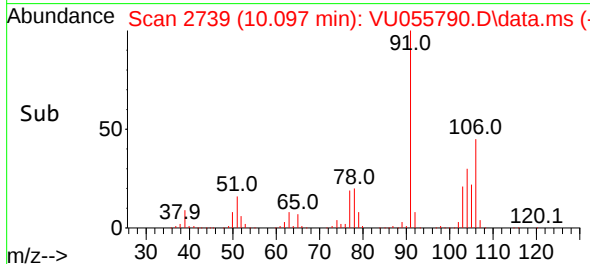
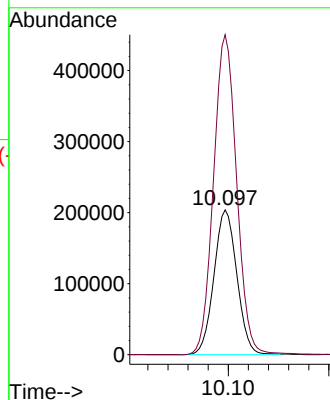
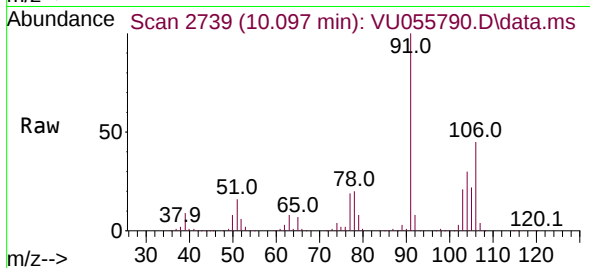




#54
o-Xylene
Concen: 55.011 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

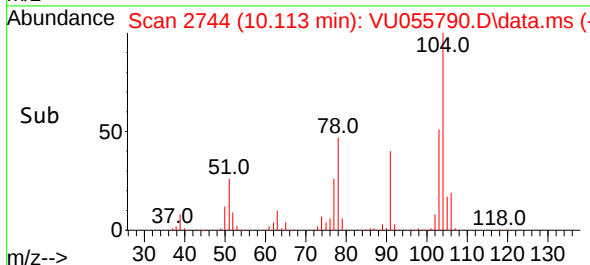
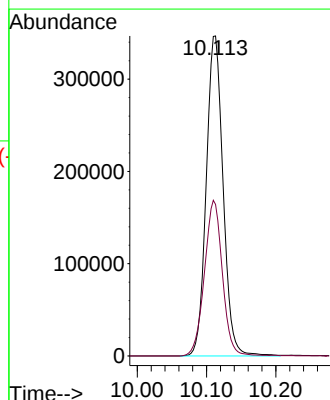
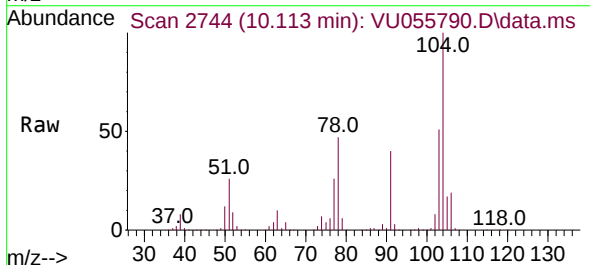
Instrument :
MSVOA_U
ClientSampleId :

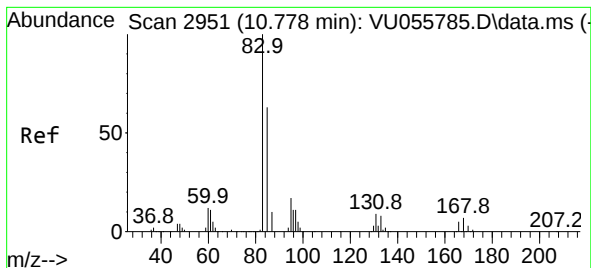
Tgt Ion:106 Resp: 322903
Ion Ratio Lower Upper
106 100
91 220.9 151.8 282.0



#55
Styrene
Concen: 58.934 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

Tgt Ion:104 Resp: 586027
Ion Ratio Lower Upper
104 100
78 47.4 33.6 62.4

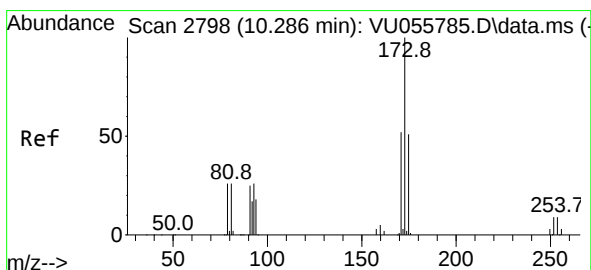
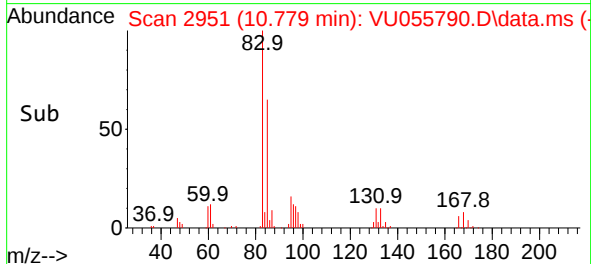
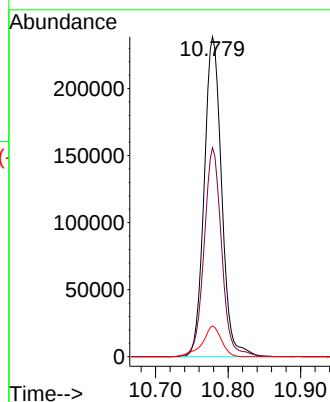
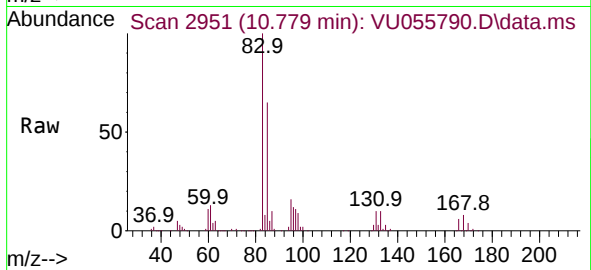




#57
1,1,2,2-Tetrachloroethane
Concen: 61.063 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

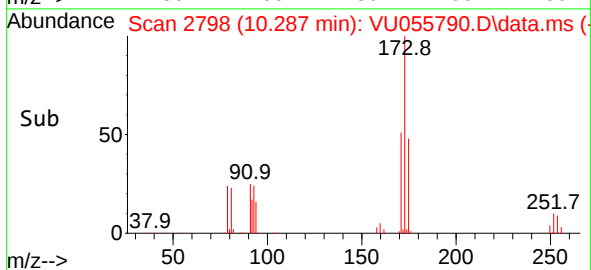
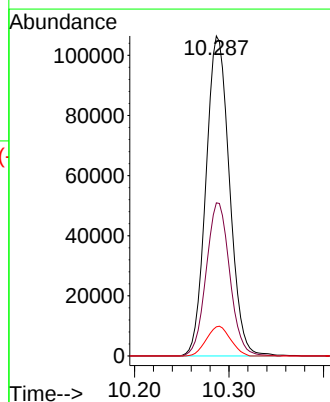
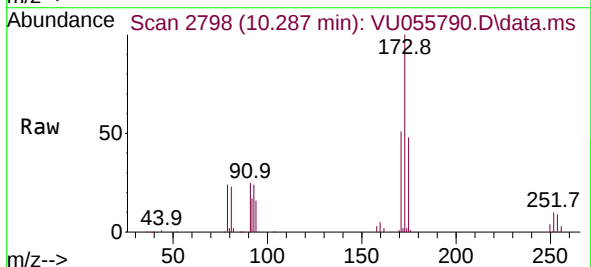
Instrument :
MSVOA_U
ClientSampleId :

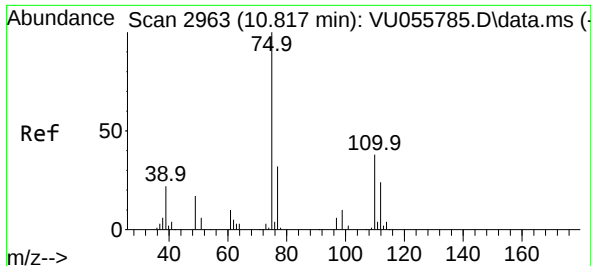
Tgt Ion: 83 Resp: 398453
Ion Ratio Lower Upper
83 100
85 65.3 44.9 83.5
131 9.6 7.3 10.9



#59
Bromoform
Concen: 57.662 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

Tgt Ion: 173 Resp: 183875
Ion Ratio Lower Upper
173 100
175 48.0 40.4 60.6
254 9.5 7.3 10.9

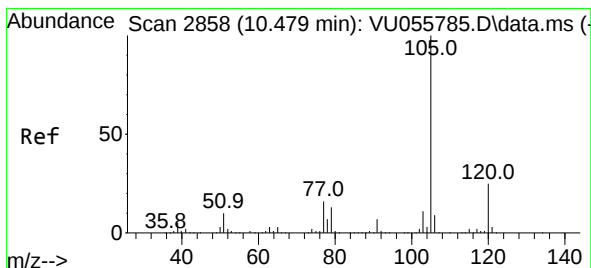
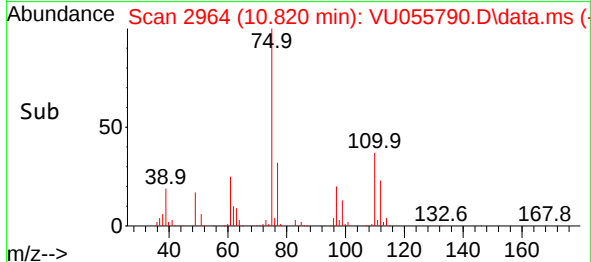
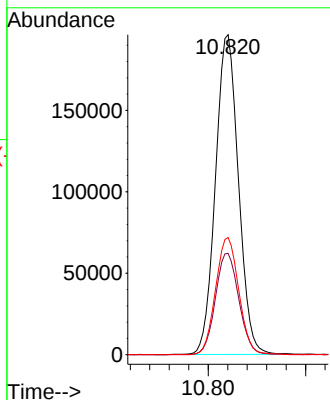
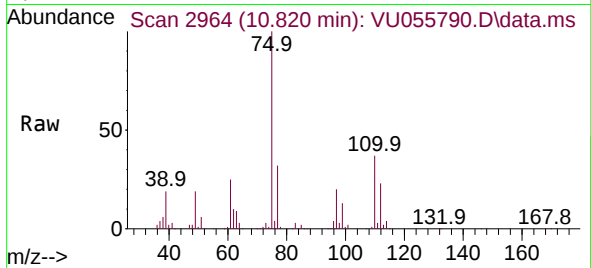




#60
1,2,3-Trichloropropane
Concen: 57.112 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

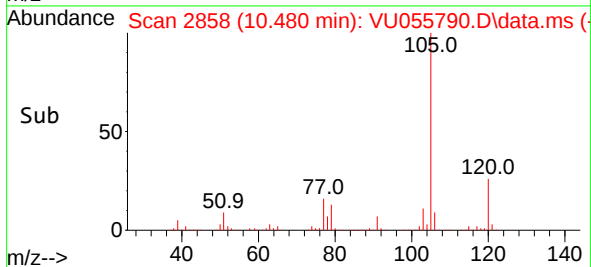
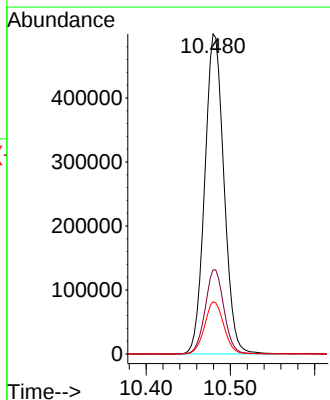
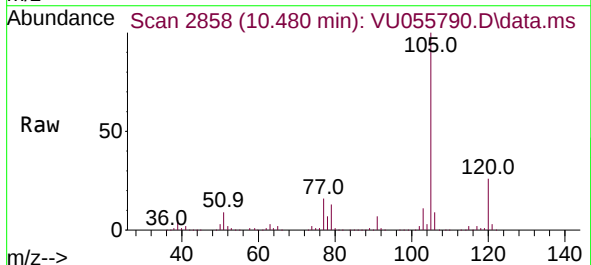
Instrument :
MSVOA_U
ClientSampleId :

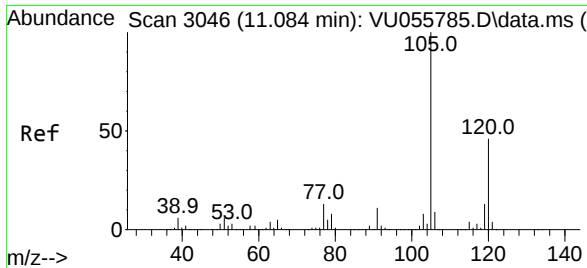
Tgt Ion: 75 Resp: 321083
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 37.0 28.5 42.7



#61
Isopropylbenzene
Concen: 49.118 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

Tgt Ion: 105 Resp: 793207
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 16.4 13.4 20.0

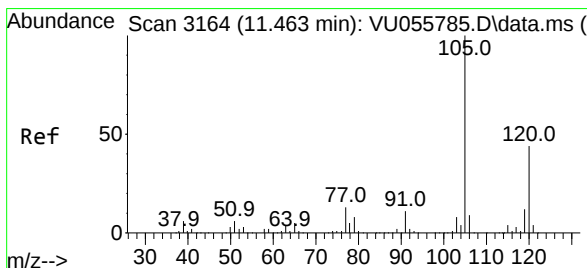
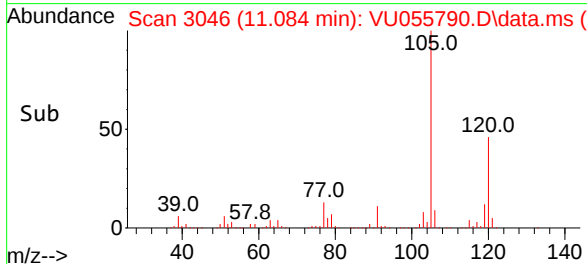
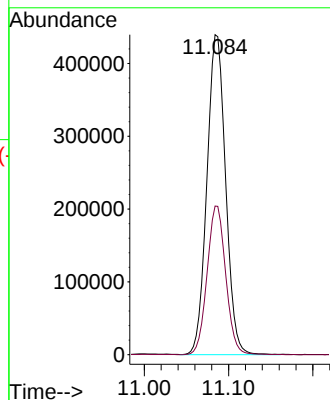
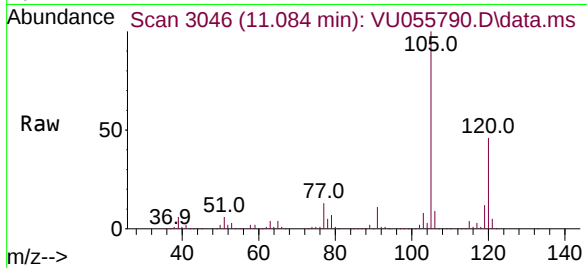




#62
 1,3,5-Trimethylbenzene
 Concen: 52.058 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU055790.D
 Acq: 17 Oct 2023 13:47

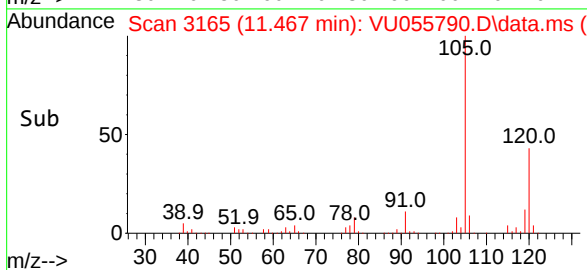
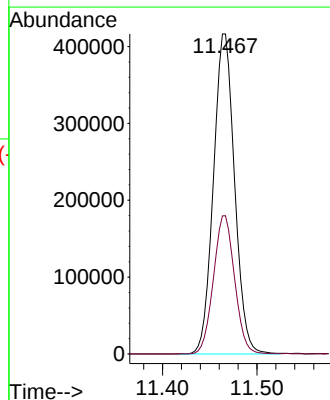
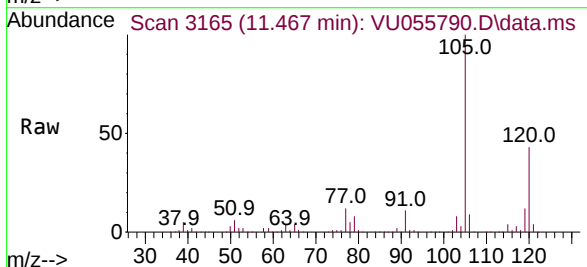
Instrument :
 MSVOA_U
 ClientSampleId :

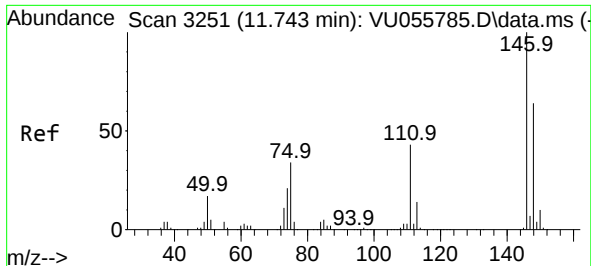
Tgt Ion:105 Resp: 680252
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 50.127 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU055790.D
 Acq: 17 Oct 2023 13:47

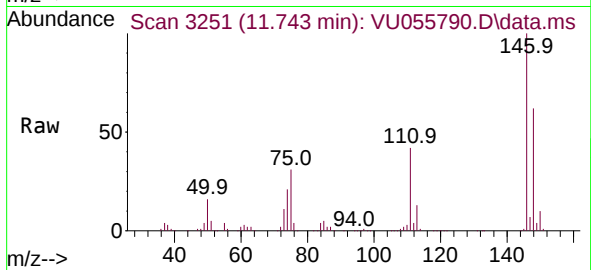
Tgt Ion:105 Resp: 647704
 Ion Ratio Lower Upper
 105 100
 120 43.2 35.0 52.4



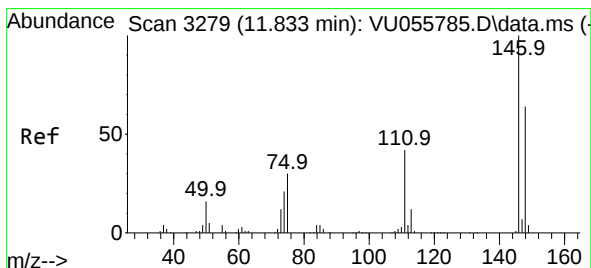
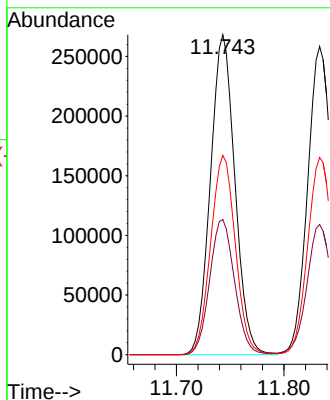
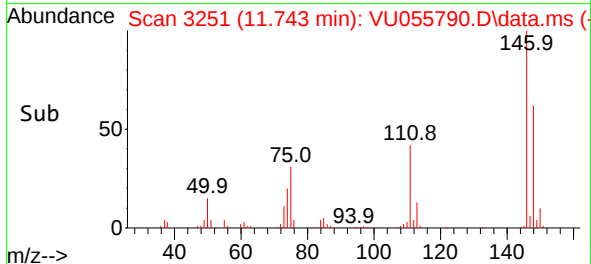


#64
1,3-Dichlorobenzene
Concen: 53.162 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

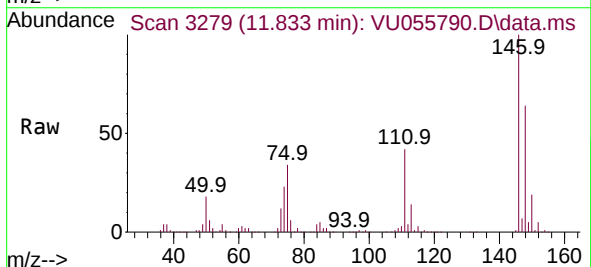
Instrument :
MSVOA_U
ClientSampleId :



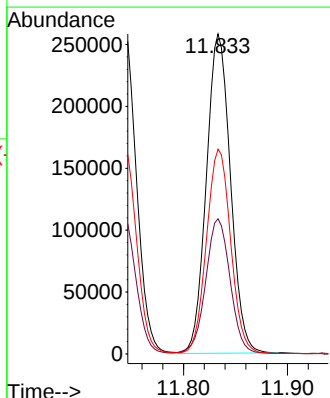
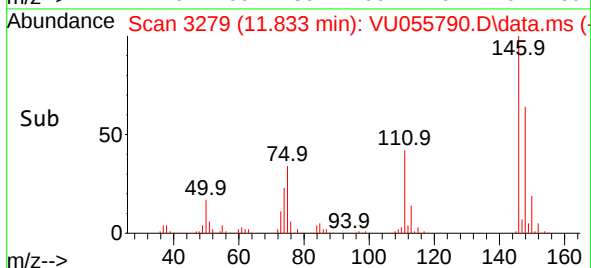
Tgt Ion:146 Resp: 424398
Ion Ratio Lower Upper
146 100
111 42.3 29.7 55.1
148 62.2 45.0 83.6

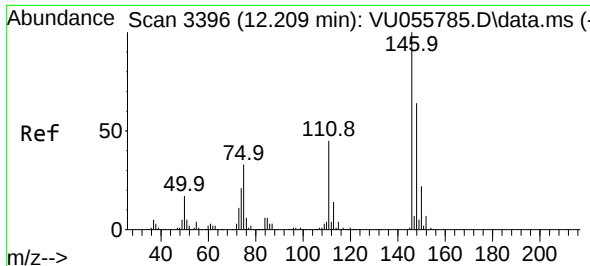


#65
1,4-Dichlorobenzene
Concen: 50.558 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47



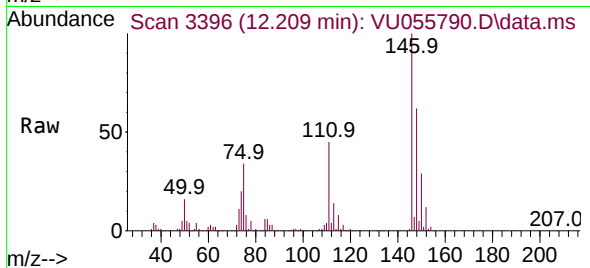
Tgt Ion:146 Resp: 414971
Ion Ratio Lower Upper
146 100
111 42.3 28.6 53.0
148 64.0 44.2 82.0



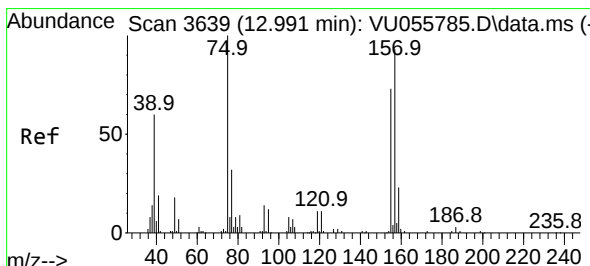
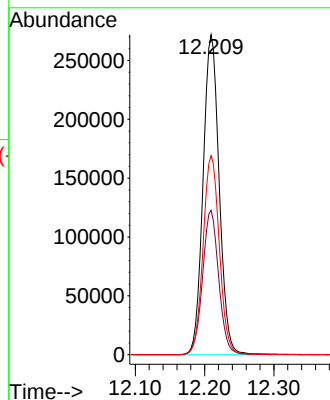
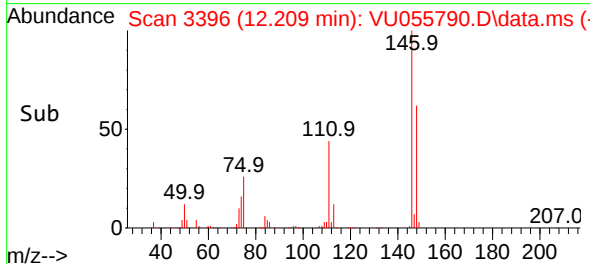


#67
1,2-Dichlorobenzene
Concen: 55.422 ug/L
RT: 12.209 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47

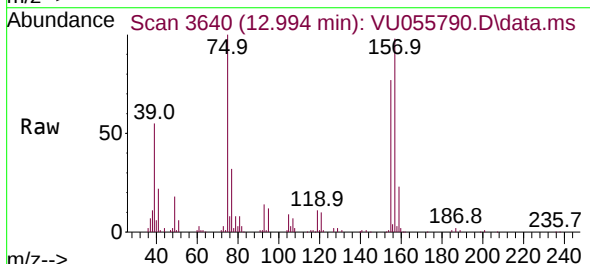
Instrument :
MSVOA_U
ClientSampleId :



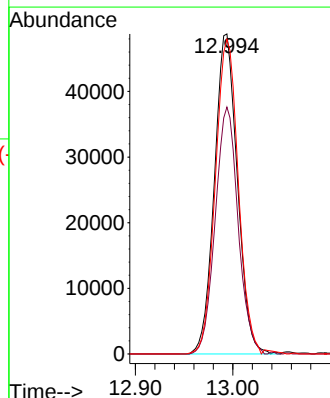
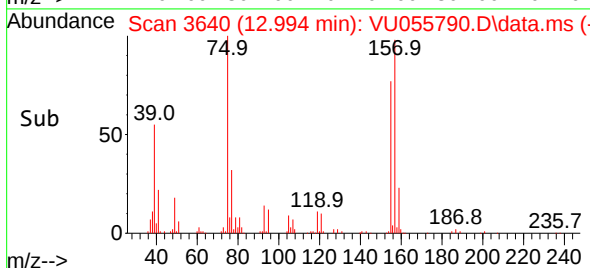
Tgt Ion:146 Resp: 439072
Ion Ratio Lower Upper
146 100
111 45.1 35.2 52.8
148 62.2 52.3 78.5

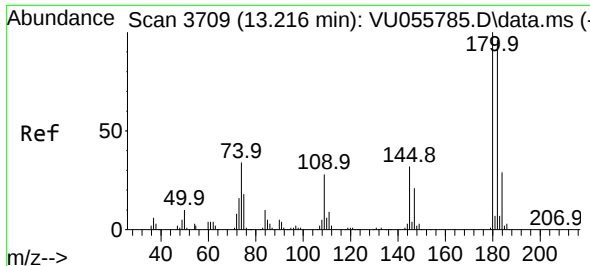


#68
1,2-Dibromo-3-chloropropane
Concen: 47.531 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.003 min
Lab File: VU055790.D
Acq: 17 Oct 2023 13:47



Tgt Ion: 75 Resp: 79889
Ion Ratio Lower Upper
75 100
155 80.9 59.6 89.4
157 98.4 77.7 116.5





#69

1,3,5-Trichlorobenzene

Concen: 46.098 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 245469

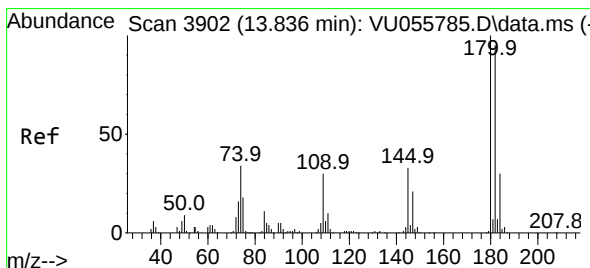
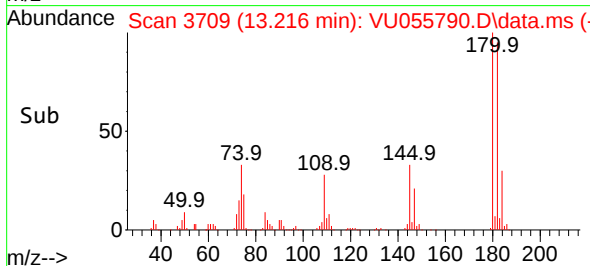
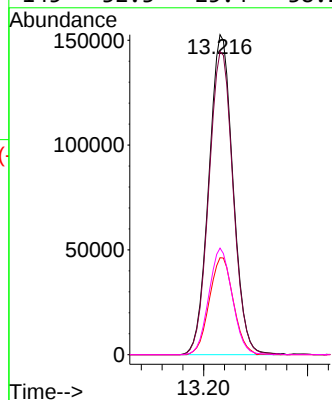
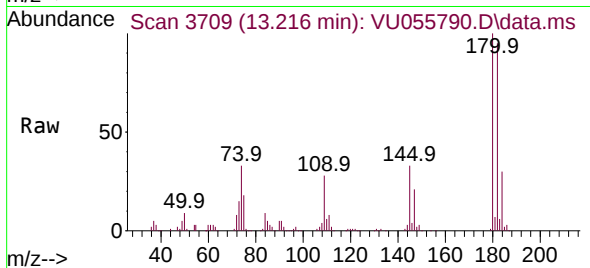
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

184 30.3 23.9 35.9

145 32.3 25.4 38.2



#70

1,2,4-trichlorobenzene

Concen: 45.863 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

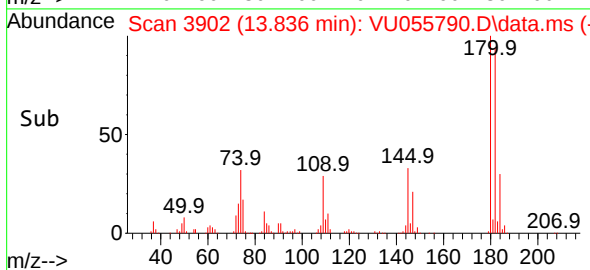
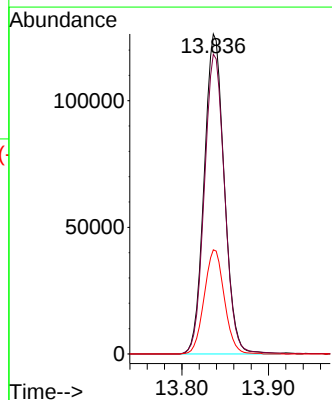
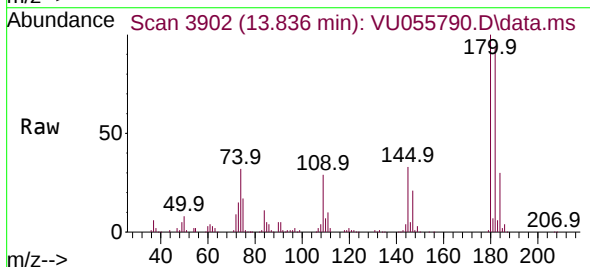
Tgt Ion:180 Resp: 203420

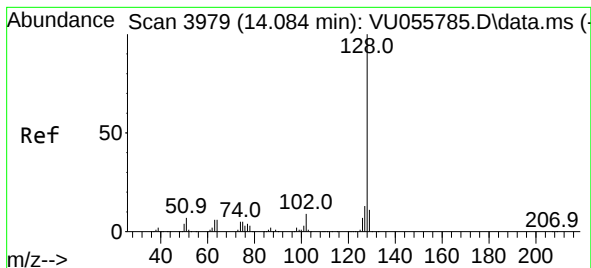
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

145 32.6 26.1 39.1





#71

Naphthalene

Concen: 47.911 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Instrument :

MSVOA_U

ClientSampleId :

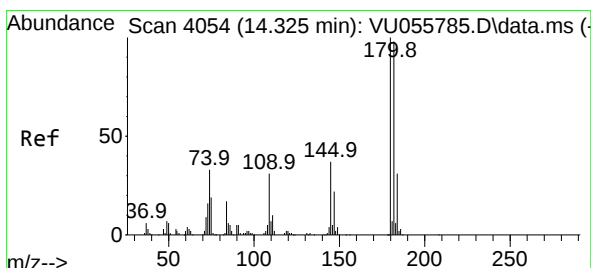
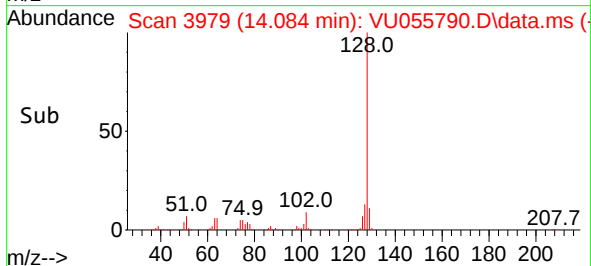
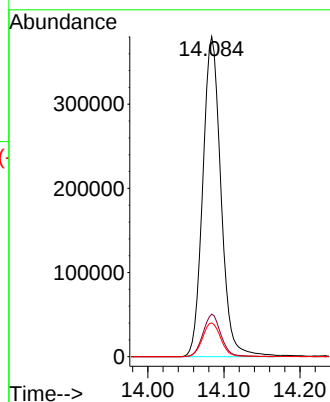
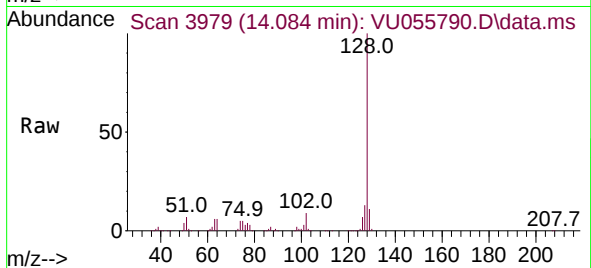
Tgt Ion:128 Resp: 631261

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.196 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU055790.D

Acq: 17 Oct 2023 13:47

Tgt Ion:180 Resp: 210763

Ion Ratio Lower Upper

180 100

182 96.4 78.1 117.1

145 35.4 27.4 41.0

