

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051158.D
 Acq On : 06 Oct 2022 04:14
 Operator : JC/MD
 Sample : N4853-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 06 06:34:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 06:20:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	442552	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	443117	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	210645	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	158203	35.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.540%
7) Chloroethane-d5	1.900	69	143177	34.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.740%#
11) 1,1-Dichloroethene-d2	2.565	63	272377	41.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.220%
21) 2-Butanone-d5	4.620	46	252608	86.839	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.840%
24) Chloroform-d	5.060	84	317521	43.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	5.700	65	199745	44.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.320%
32) Benzene-d6	5.726	84	630699	48.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.687	67	208826	49.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.180%
41) Toluene-d8	7.896	98	561931	46.871	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%
43) trans-1,3-Dichloroprop...	8.176	79	72543	36.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.240%
47) 2-Hexanone-d5	8.632	63	135341	79.603	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.600%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	334304	45.429	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.860%
66) 1,2-Dichlorobenzene-d4	12.192	152	205143	45.588	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	162152	43.695	ug/L	98
3) Chloromethane	1.523	50	219789	50.128	ug/L	98
5) Vinyl chloride	1.604	62	221241	47.545	ug/L	99
6) Bromomethane	1.835	94	98730	25.615	ug/L	98
8) Chloroethane	1.922	64	139452	40.812	ug/L	98
9) Trichlorofluoromethane	2.131	101	246610	39.414	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	142512	42.182	ug/L	98
12) 1,1-Dichloroethene	2.575	96	148613	47.090	ug/L	91
13) Acetone	2.623	43	198622	85.507	ug/L	98
14) Carbon disulfide	2.787	76	405790	43.498	ug/L	100
15) Methyl Acetate	2.948	43	75531	17.810	ug/L	98
16) Methylene chloride	3.041	84	202522	44.702	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	156843	46.715	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	524764	51.431	ug/L	99
19) 1,1-Dichloroethane	3.864	63	327700	51.382	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	188304	50.231	ug/L	96
22) 2-Butanone	4.697	43	317973	99.076	ug/L	97
23) Bromochloromethane	4.970	128	100149	48.758	ug/L	93
25) Chloroform	5.086	83	337269	48.618	ug/L	100

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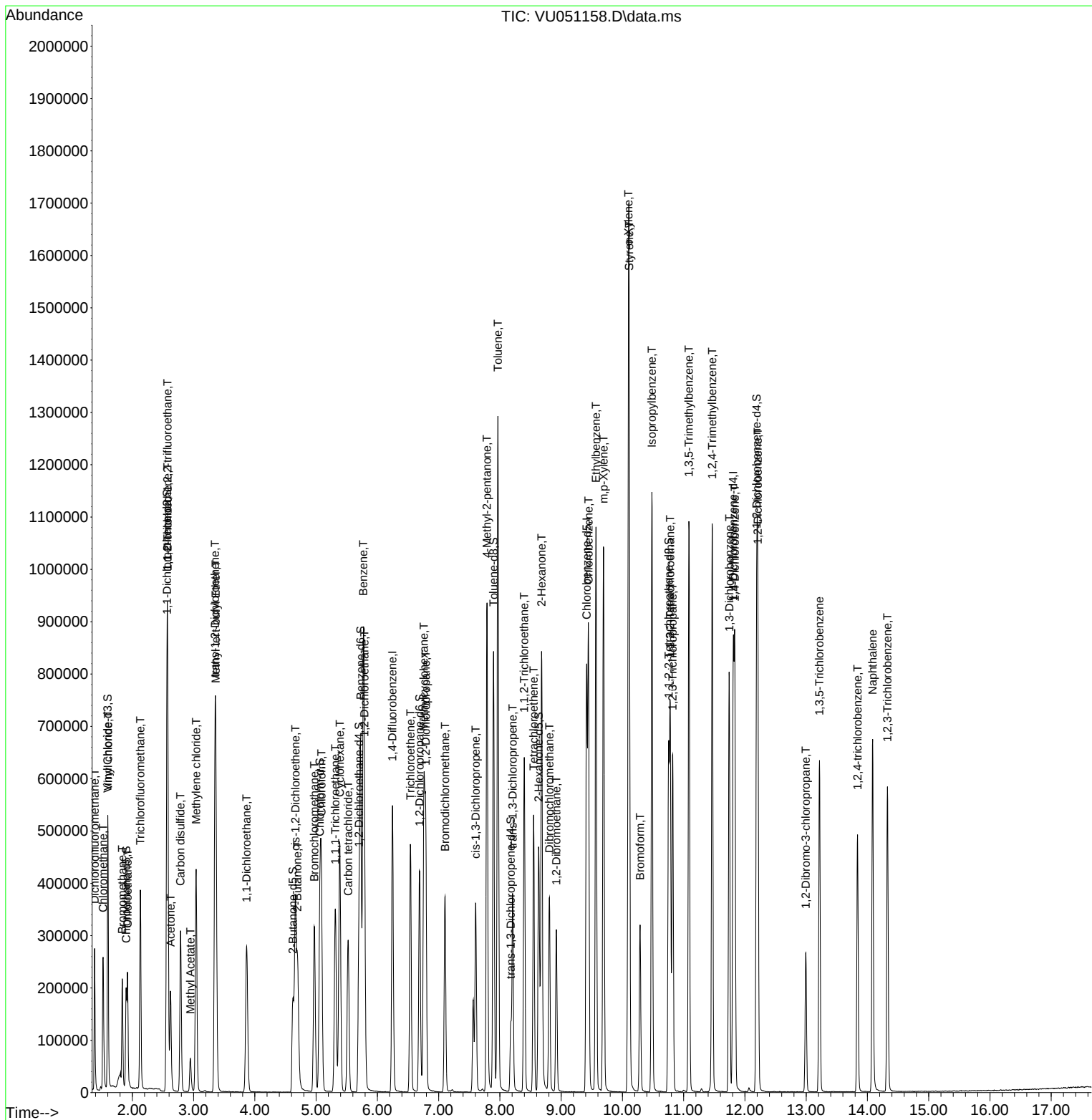
Instrument :
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 ClientSampleId :

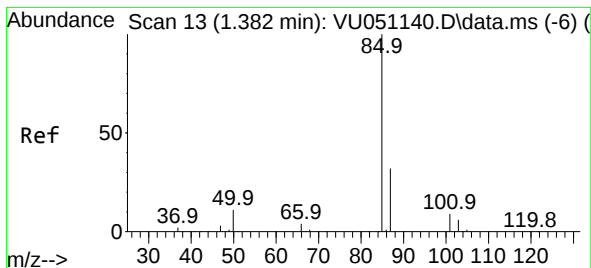
Quant Time: Oct 06 06:34:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 06:20:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	265012	49.870	ug/L	99
29) Cyclohexane	5.385	56	232368	53.856	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	255587	49.182	ug/L	99
31) Carbon tetrachloride	5.523	117	201229	47.459	ug/L	97
33) Benzene	5.771	78	758089	56.116	ug/L	100
34) Trichloroethene	6.539	95	167790	47.954	ug/L	99
35) Methylcyclohexane	6.761	83	219522	46.096	ug/L	97
37) 1,2-Dichloropropane	6.790	63	205201	56.406	ug/L	99
38) Bromodichloromethane	7.105	83	247487	50.977	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	218048	42.322	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	590029	111.994	ug/L	98
42) Toluene	7.967	91	950032	66.116	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	204961	39.345	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	200608	50.909	ug/L	98
46) Tetrachloroethene	8.552	164	116840	44.063	ug/L	97
48) 2-Hexanone	8.681	43	504661	105.461	ug/L	99
49) Dibromochloromethane	8.809	129	194569	46.964	ug/L	97
50) 1,2-Dibromoethane	8.922	107	207632	48.599	ug/L	98
51) Chlorobenzene	9.446	112	470456	48.144	ug/L	99
52) Ethylbenzene	9.568	91	752825	49.117	ug/L	99
53) m,p-Xylene	9.694	106	298572	51.802	ug/L	100
54) o-Xylene	10.099	106	296499	51.467	ug/L	99
55) Styrene	10.111	104	494903	49.704	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	368434	52.830	ug/L	99
59) Bromoform	10.288	173	143276	46.228	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	281455	50.774	ug/L	98
61) Isopropylbenzene	10.481	105	714049	52.182	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	582016	52.015	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	585794	52.235	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	329991	46.779	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	328011	46.516	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	349458	48.216	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	70318	43.469	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	199271	41.656	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	152784	39.036	ug/L	99
71) Naphthalene	14.086	128	554171	39.559	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	179247	41.041	ug/L	99

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

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Response via : Initial Calibration

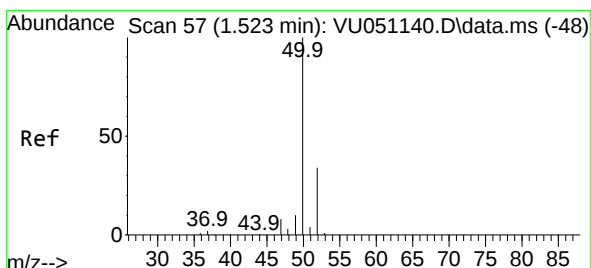
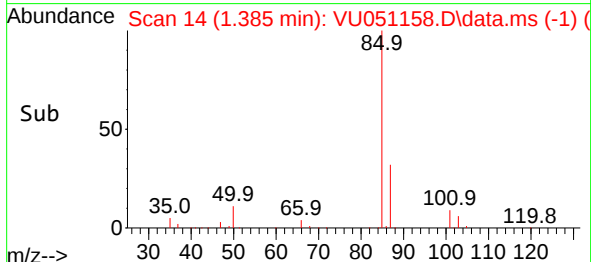
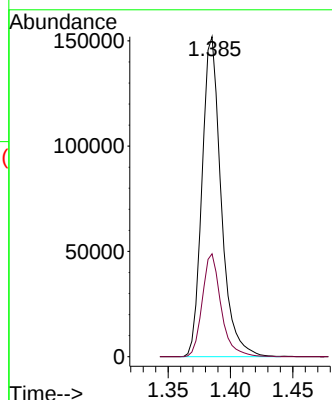
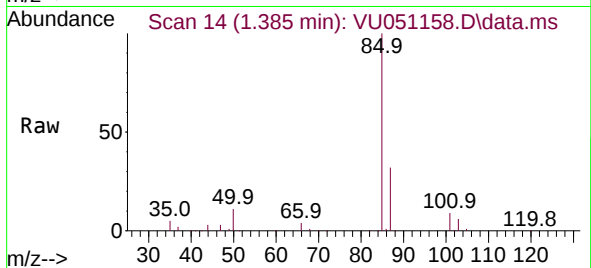




#2
Dichlorodifluoromethane
Concen: 43.695 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

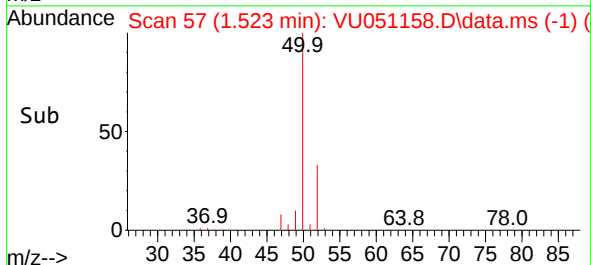
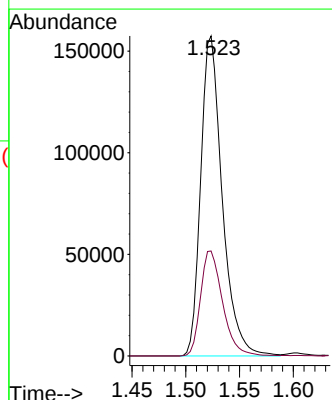
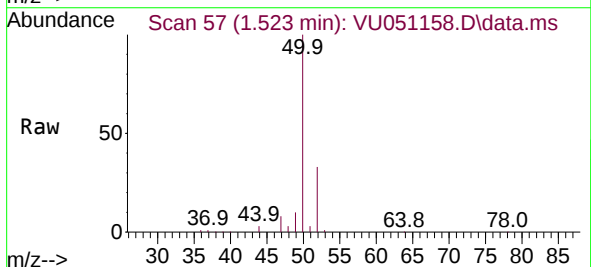
Instrument :
MSVOA_U
ClientSampleId :

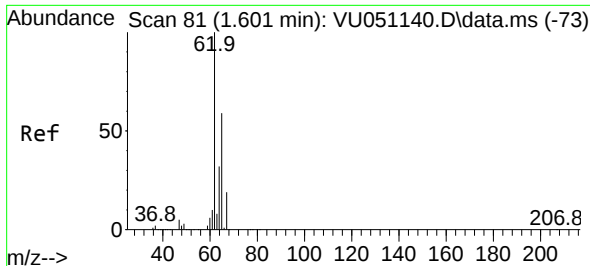
Tgt Ion: 85 Resp: 162152
Ion Ratio Lower Upper
85 100
87 31.5 25.9 38.9



#3
Chloromethane
Concen: 50.128 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

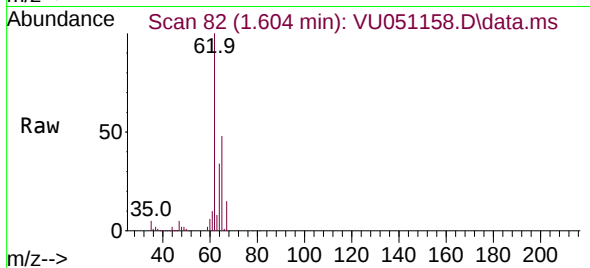
Tgt Ion: 50 Resp: 219789
Ion Ratio Lower Upper
50 100
52 32.8 23.7 44.1



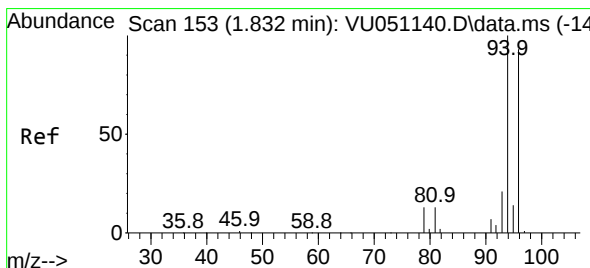
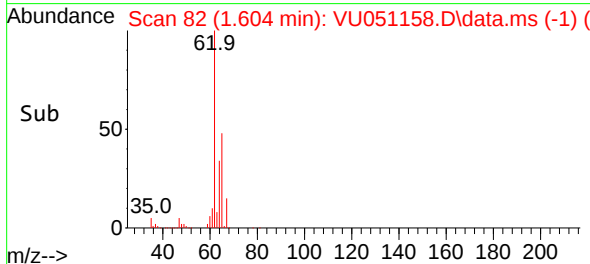
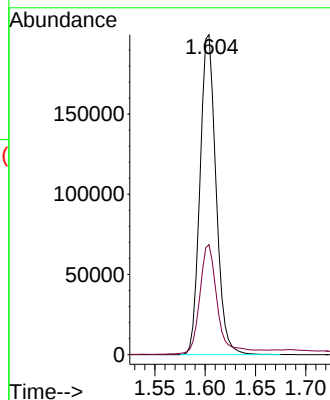


#5
 Vinyl chloride
 Concen: 47.545 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051158.D
 Acq: 06 Oct 2022 04:14

Instrument :
 MSVOA_U
 ClientSampleId :

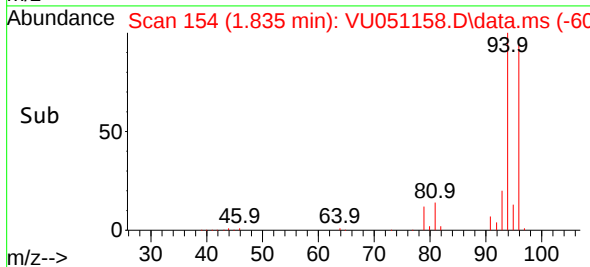
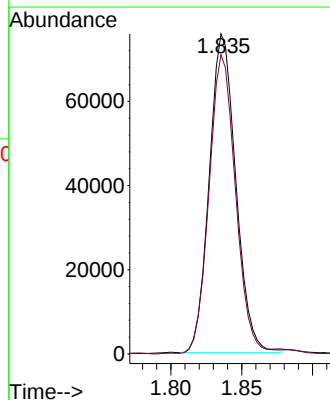
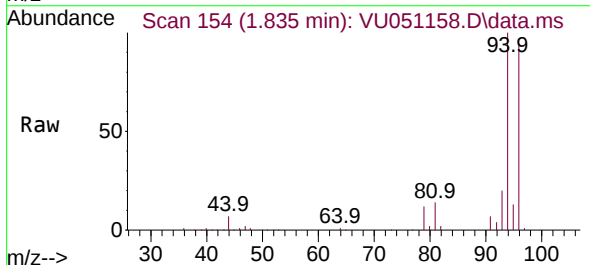


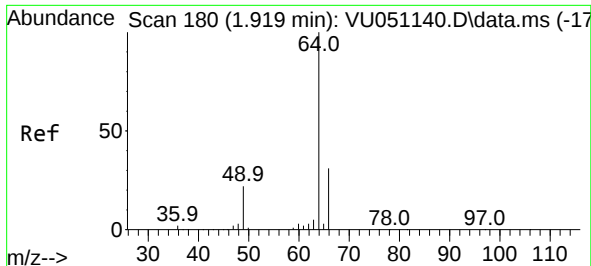
Tgt Ion: 62 Resp: 221241
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.5 43.7



#6
 Bromomethane
 Concen: 25.615 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VU051158.D
 Acq: 06 Oct 2022 04:14

Tgt Ion: 94 Resp: 98730
 Ion Ratio Lower Upper
 94 100
 96 93.5 63.9 118.7

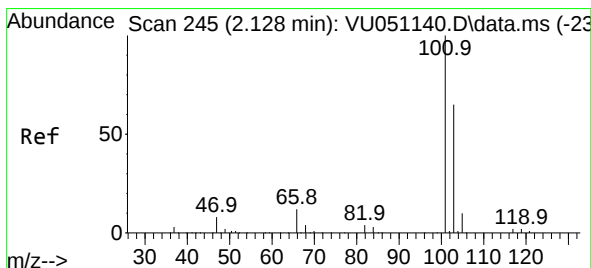
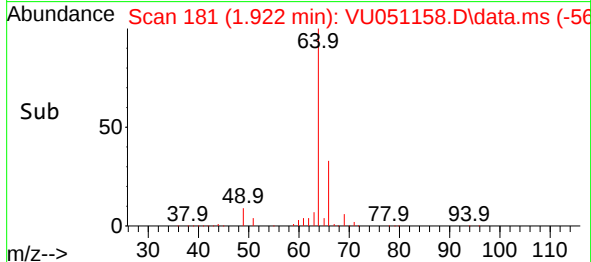
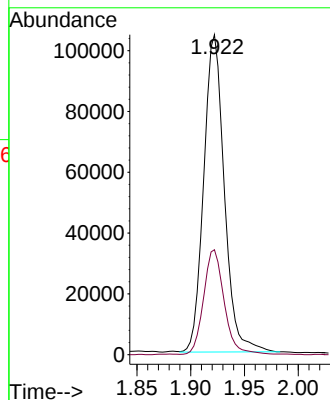
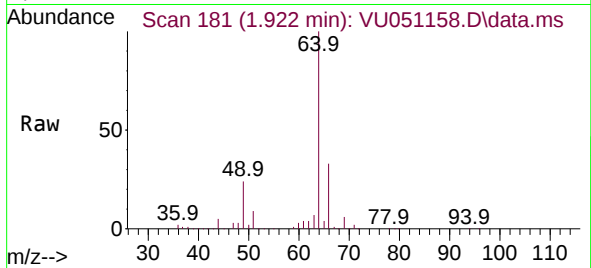




#8
Chloroethane
Concen: 40.812 ug/L
RT: 1.922 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

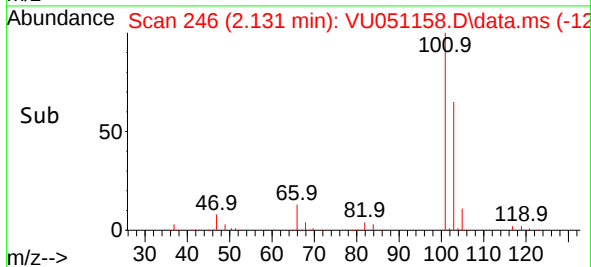
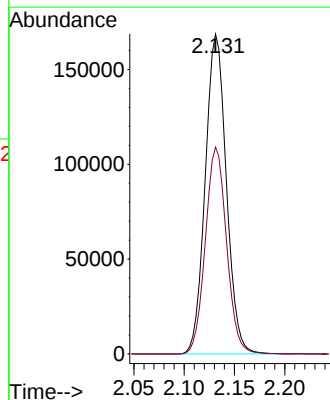
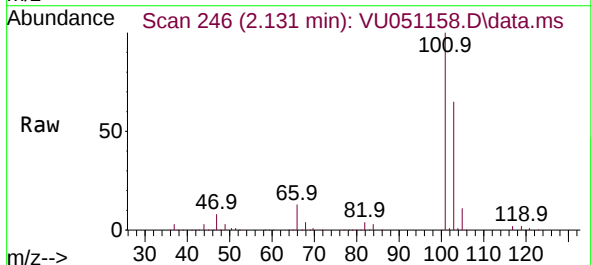
Instrument :
MSVOA_U
ClientSampleId :

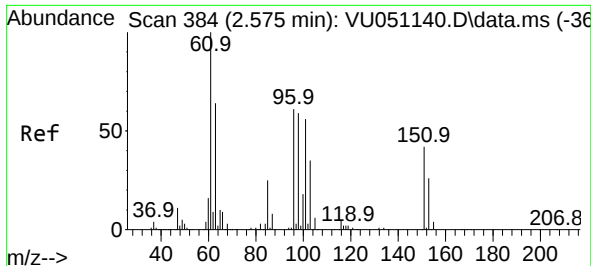
Tgt Ion: 64 Resp: 139452
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 39.414 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.003 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion:101 Resp: 246610
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

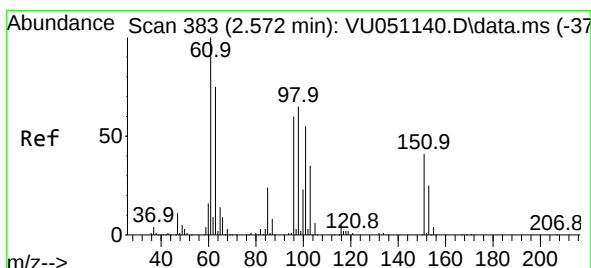
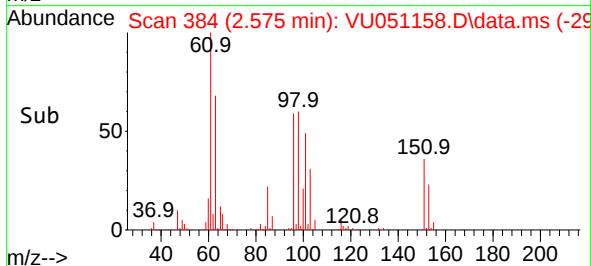
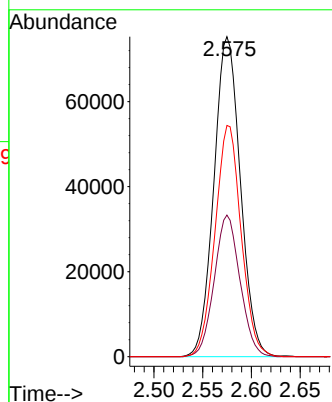
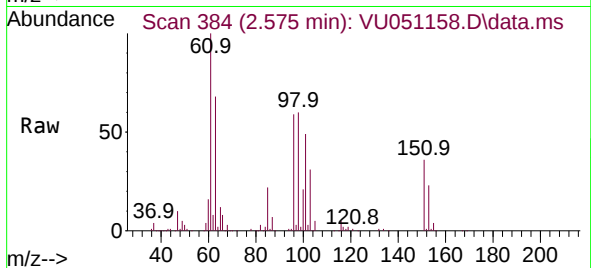




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.182 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

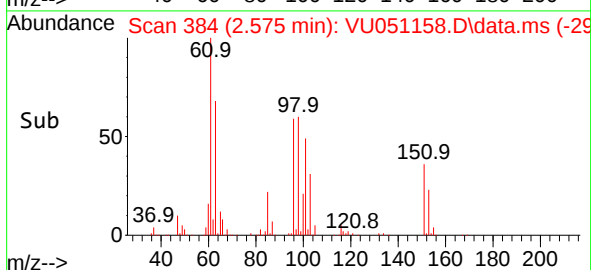
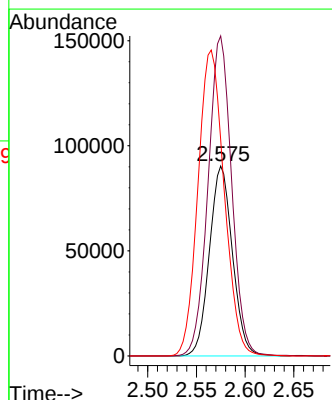
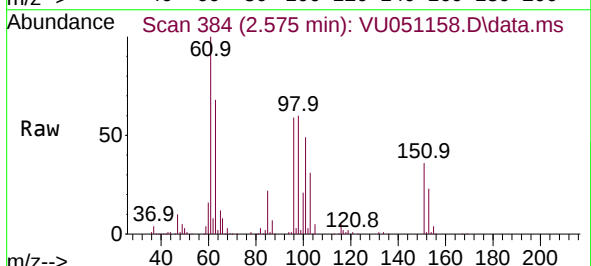
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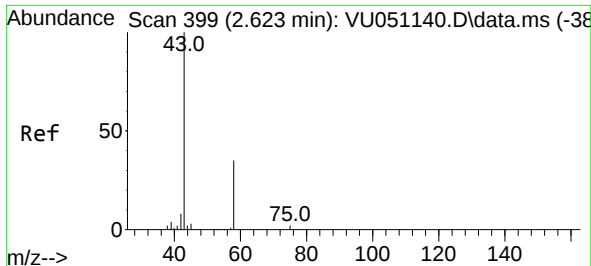
Tgt Ion:101 Resp: 142512
Ion Ratio Lower Upper
101 100
85 42.9 34.6 52.0
151 71.2 58.6 87.8



#12
1,1-Dichloroethene
Concen: 47.090 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion: 96 Resp: 148613
Ion Ratio Lower Upper
96 100
61 168.4 113.0 209.9
63 113.9 91.7 170.3





#13

Acetone

Concen: 85.507 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

Instrument :

MSVOA_U

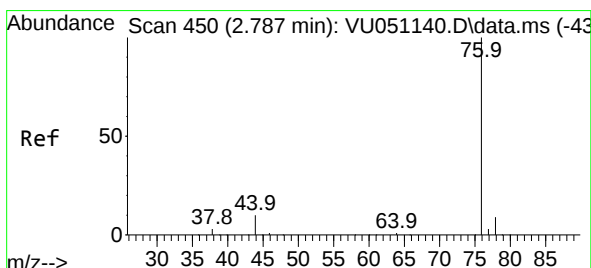
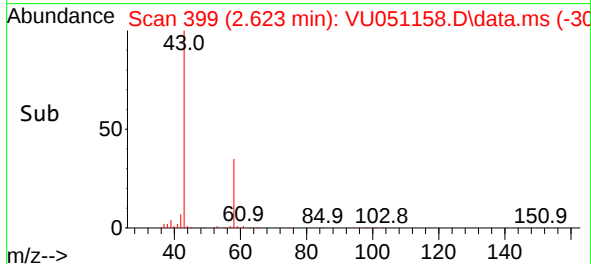
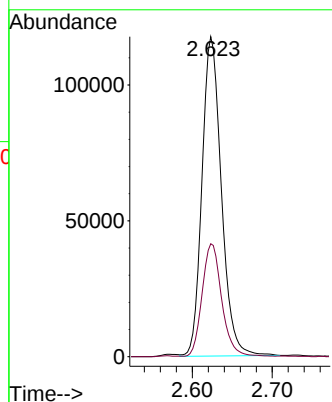
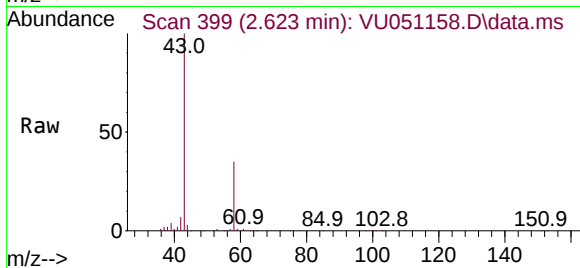
ClientSampleId :

Tgt Ion: 43 Resp: 198622

Ion Ratio Lower Upper

43 100

58 35.6 0.0 73.6



#14

Carbon disulfide

Concen: 43.498 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU051158.D

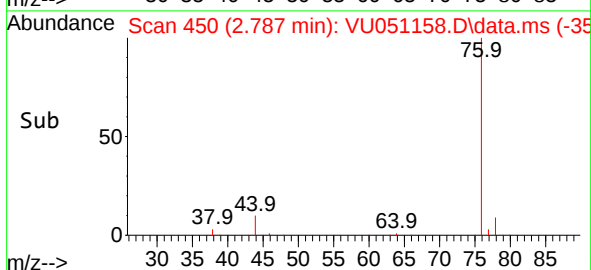
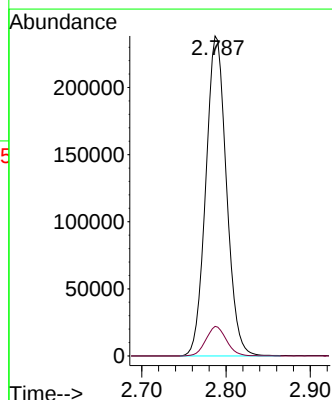
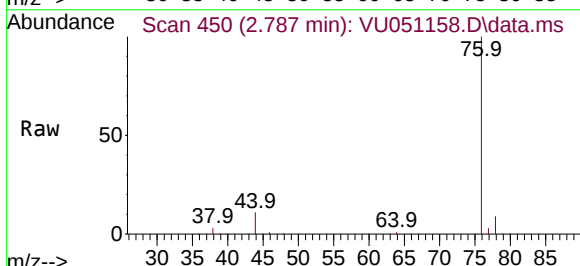
Acq: 06 Oct 2022 04:14

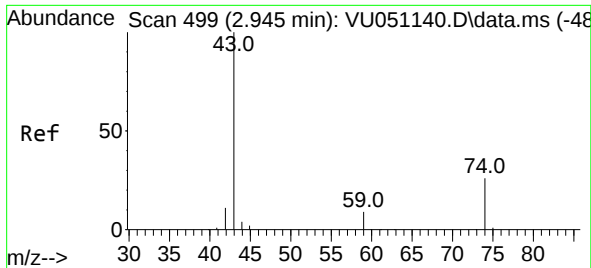
Tgt Ion: 76 Resp: 405790

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

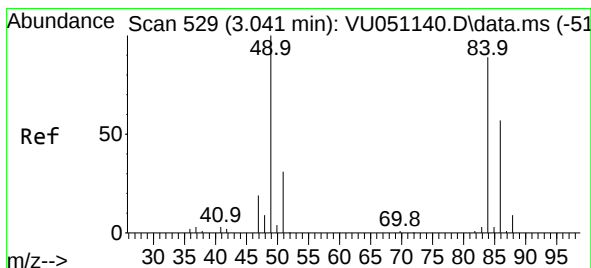
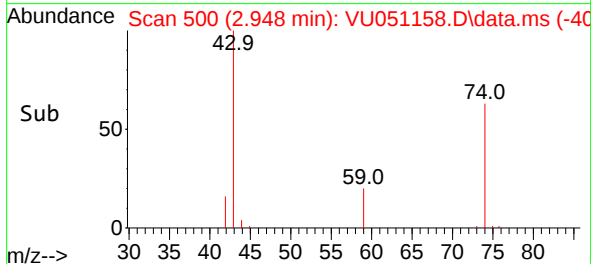
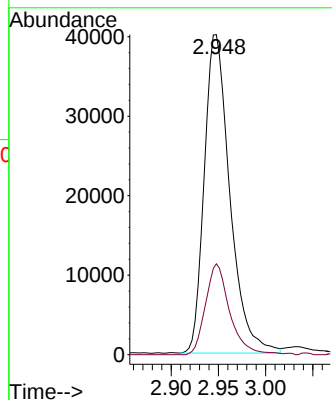
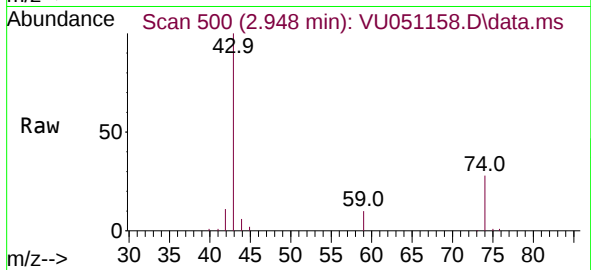




#15
Methyl Acetate
Concen: 17.810 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

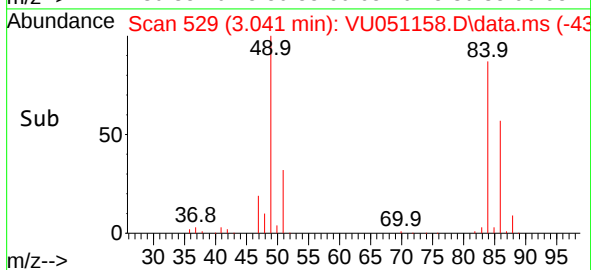
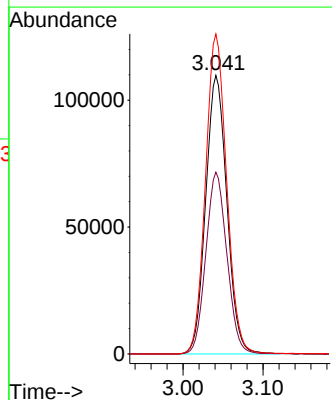
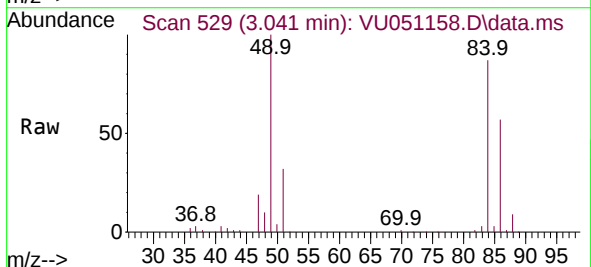
Instrument :
MSVOA_U
ClientSampleId :

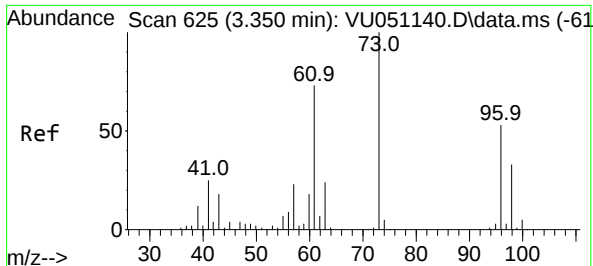
Tgt Ion: 43 Resp: 75531
Ion Ratio Lower Upper
43 100
74 26.7 22.4 33.6



#16
Methylene chloride
Concen: 44.702 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion: 84 Resp: 202522
Ion Ratio Lower Upper
84 100
86 65.3 45.4 84.4
49 114.9 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 46.715 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

Instrument :

MSVOA_U

ClientSampleId :

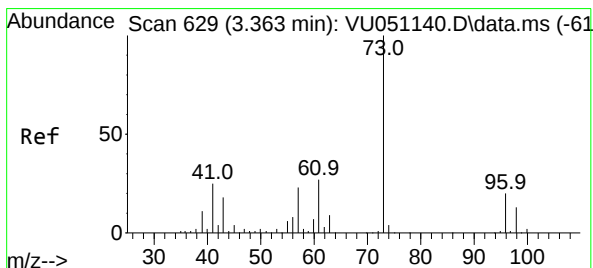
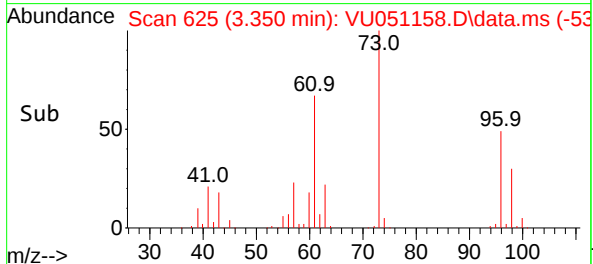
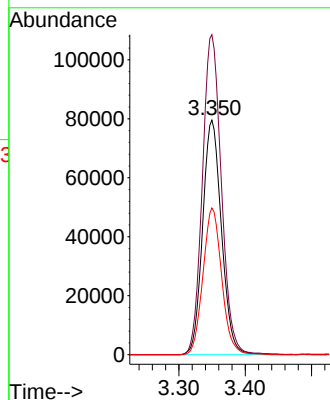
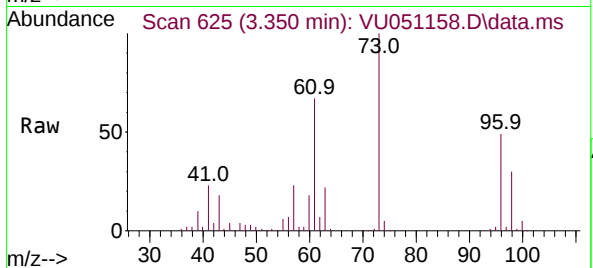
Tgt Ion: 96 Resp: 156843

Ion Ratio Lower Upper

96 100

61 136.4 95.1 176.5

98 62.6 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 51.431 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

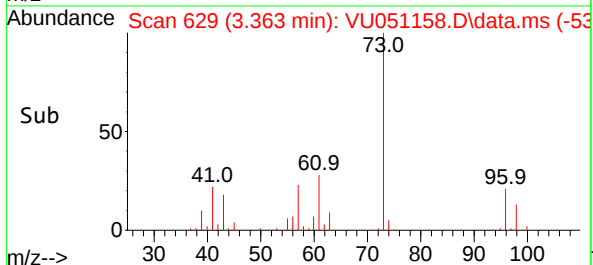
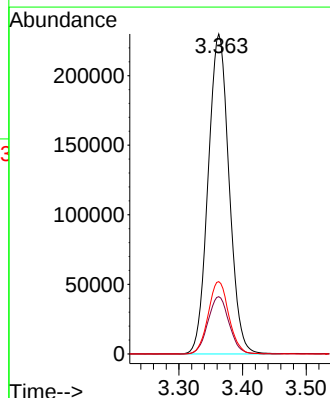
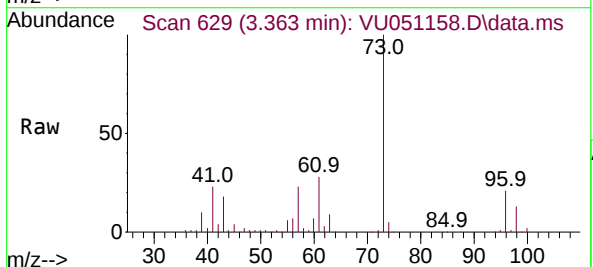
Tgt Ion: 73 Resp: 524764

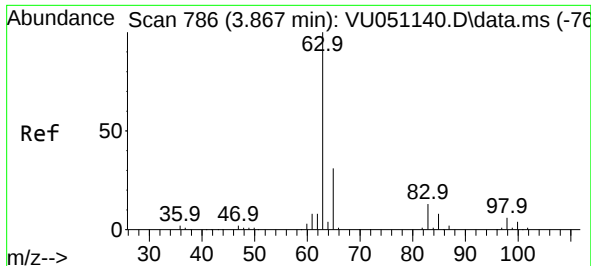
Ion Ratio Lower Upper

73 100

43 18.2 14.7 22.1

57 22.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 51.382 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

Instrument :

MSVOA_U

ClientSampleId :

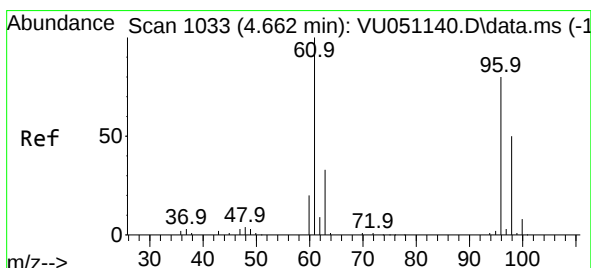
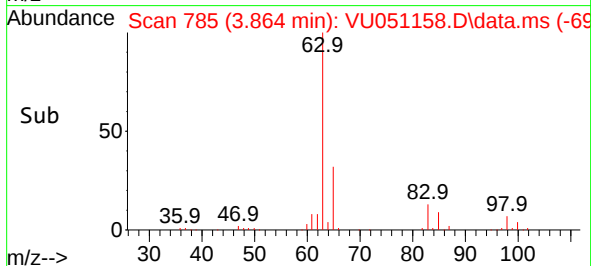
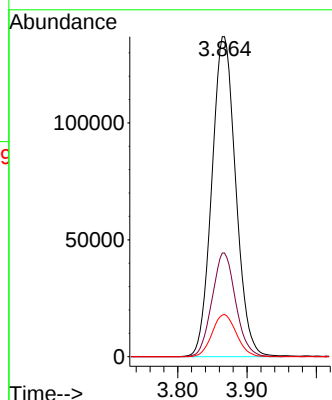
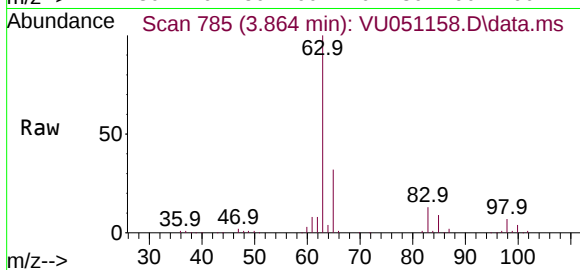
Tgt Ion: 63 Resp: 327700

Ion Ratio Lower Upper

63 100

65 32.4 22.6 42.0

83 13.0 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 50.231 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

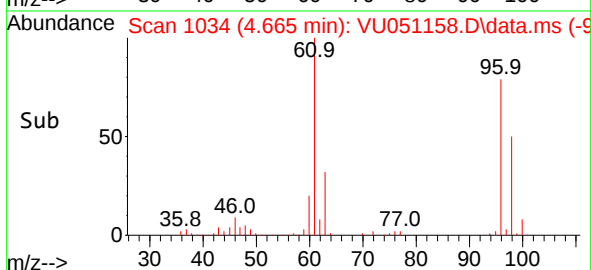
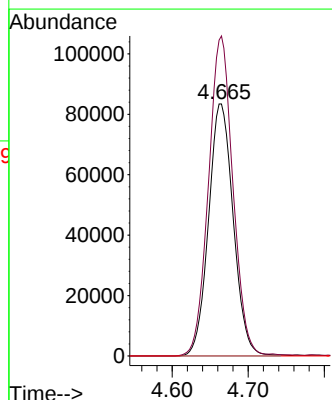
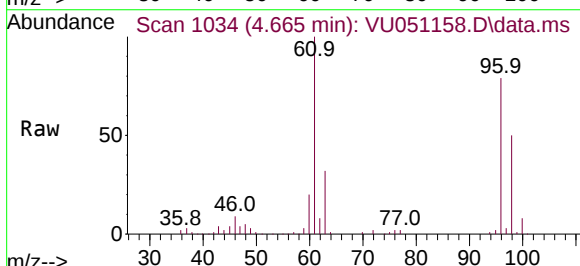
Tgt Ion: 96 Resp: 188304

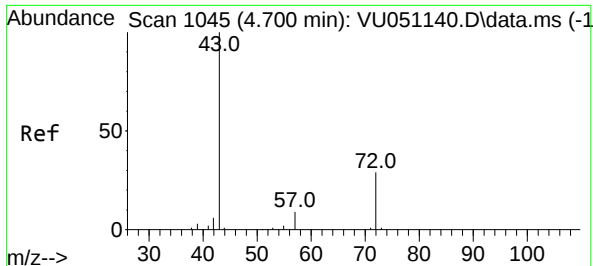
Ion Ratio Lower Upper

96 100

61 126.9 85.4 158.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 99.076 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

Instrument :

MSVOA_U

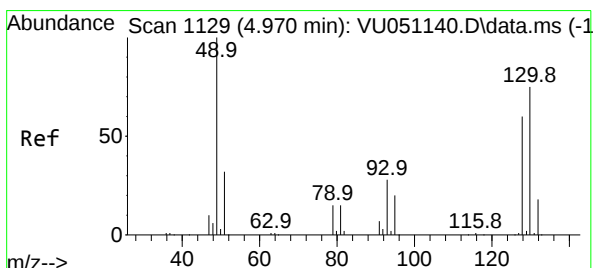
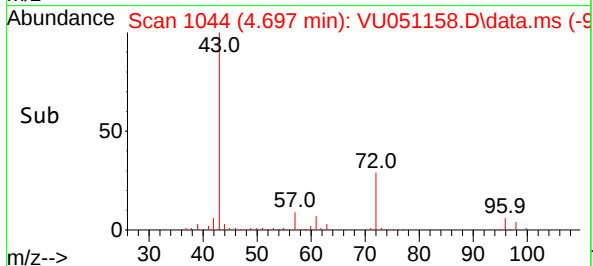
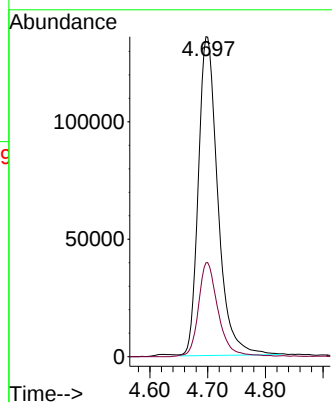
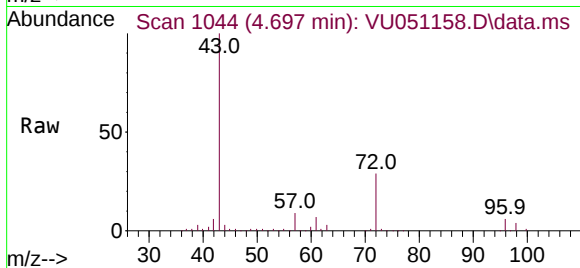
ClientSampleId :

Tgt Ion: 43 Resp: 317973

Ion Ratio Lower Upper

43 100

72 29.9 15.8 47.4



#23

Bromochloromethane

Concen: 48.758 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

Tgt Ion:128 Resp: 100149

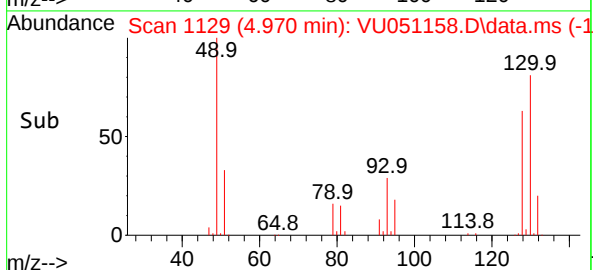
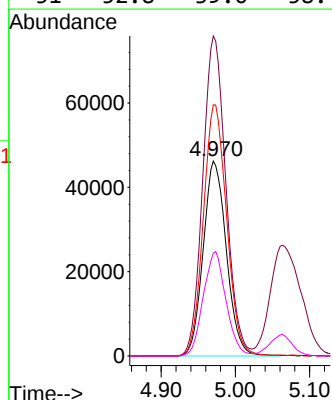
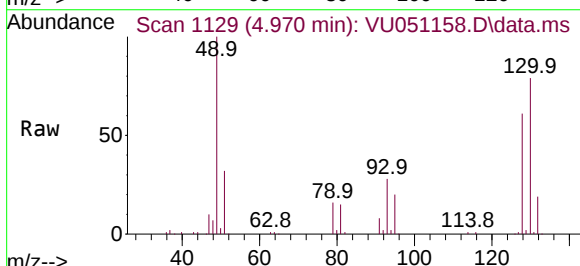
Ion Ratio Lower Upper

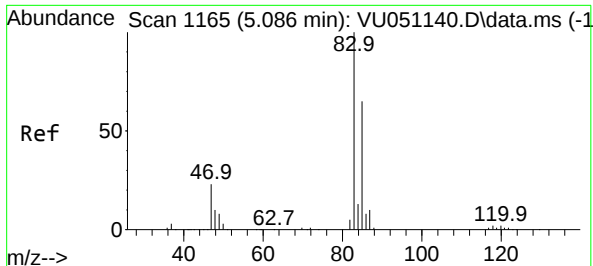
128 100

49 164.2 106.9 198.5

130 128.9 86.2 160.0

51 52.8 39.0 58.4





#25

Chloroform

Concen: 48.618 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

Instrument :

MSVOA_U

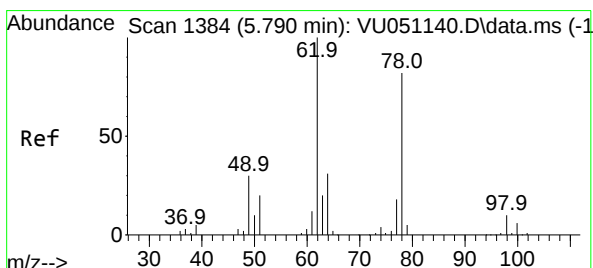
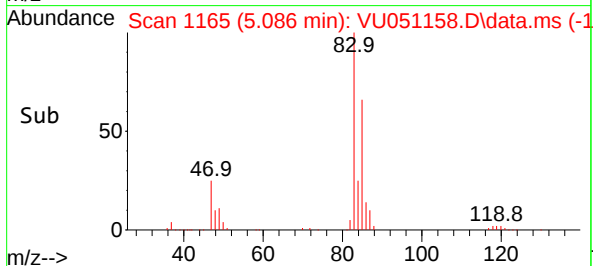
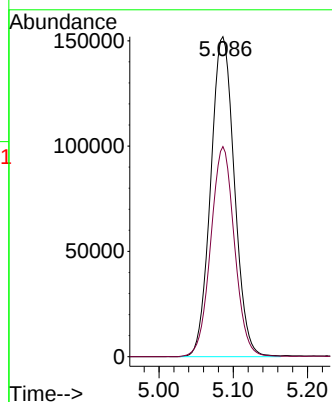
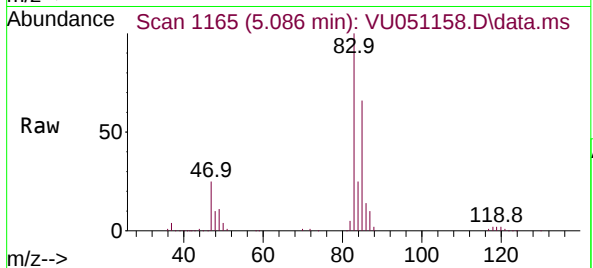
ClientSampleId :

Tgt Ion: 83 Resp: 337269

Ion Ratio Lower Upper

83 100

85 65.7 45.7 84.9



#27

1,2-Dichloroethane

Concen: 49.870 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU051158.D

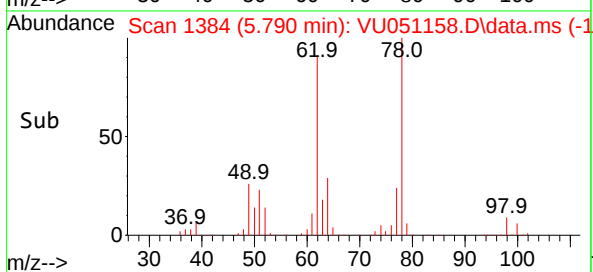
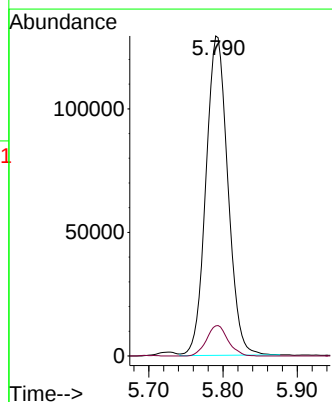
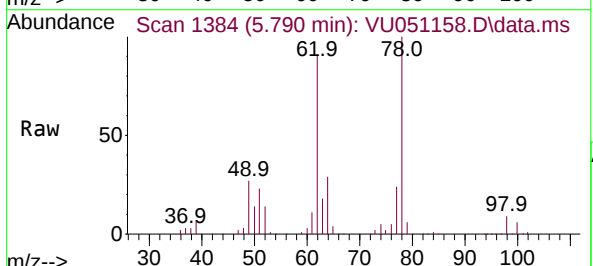
Acq: 06 Oct 2022 04:14

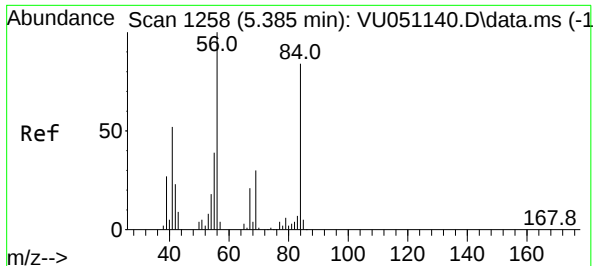
Tgt Ion: 62 Resp: 265012

Ion Ratio Lower Upper

62 100

98 9.4 7.3 10.9





#29

Cyclohexane

Concen: 53.856 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

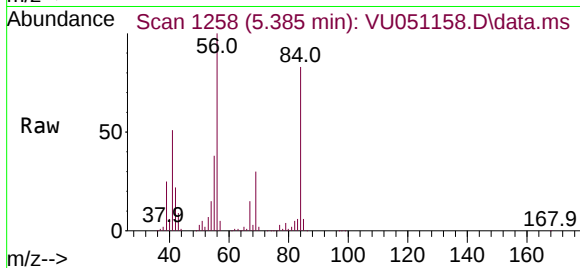
Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

Instrument :

MSVOA_U

ClientSampleId :



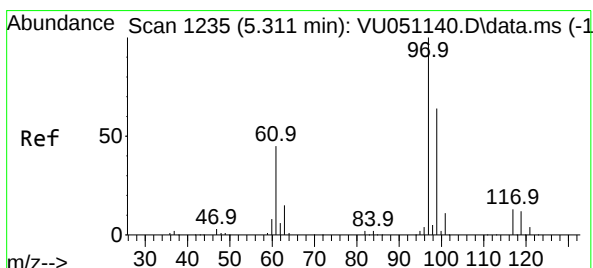
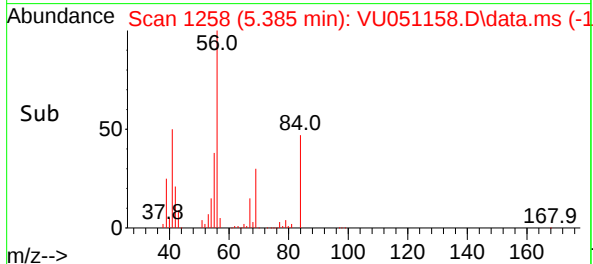
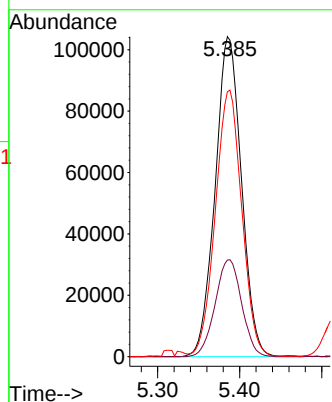
Tgt Ion: 56 Resp: 232368

Ion Ratio Lower Upper

56 100

69 30.5 24.8 37.2

84 84.0 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 49.182 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

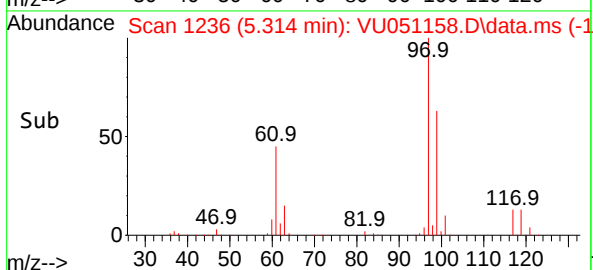
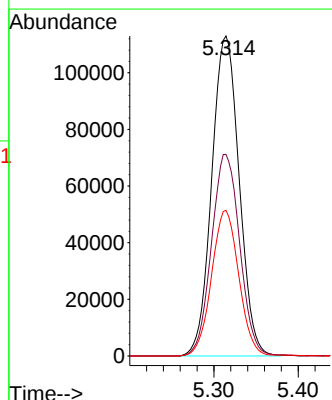
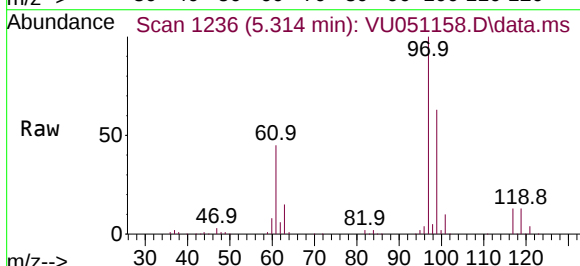
Tgt Ion: 97 Resp: 255587

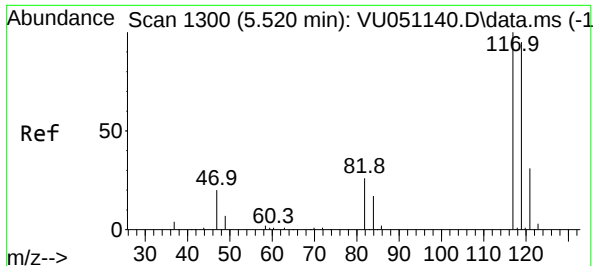
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.2

61 45.3 36.0 54.0

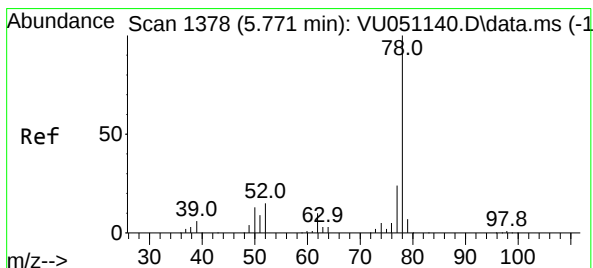
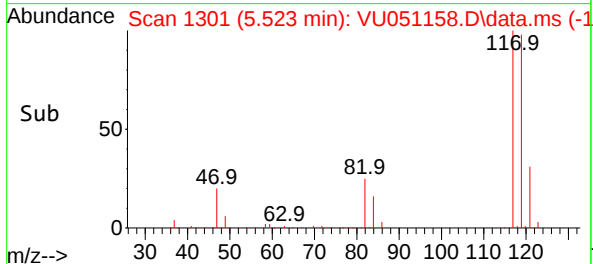
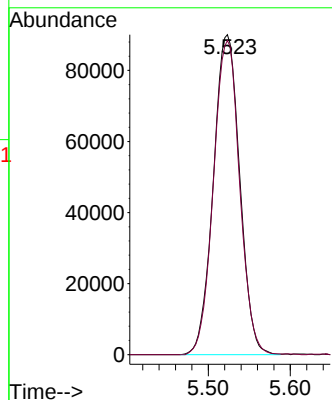
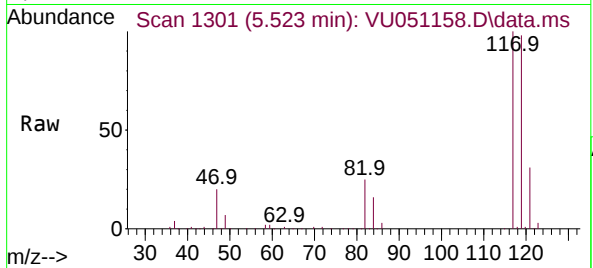




#31
Carbon tetrachloride
Concen: 47.459 ug/L
RT: 5.523 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

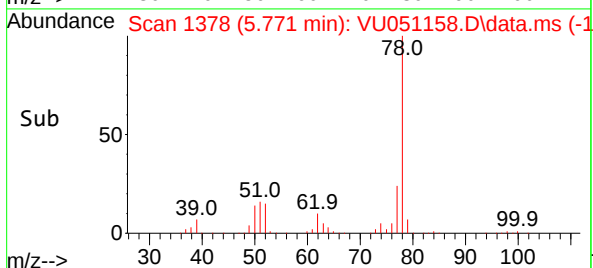
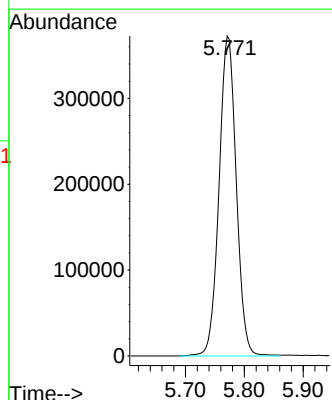
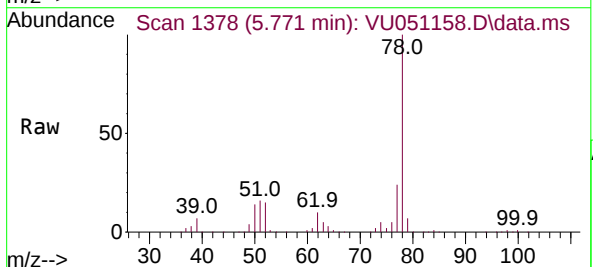
Instrument :
MSVOA_U
ClientSampleId :

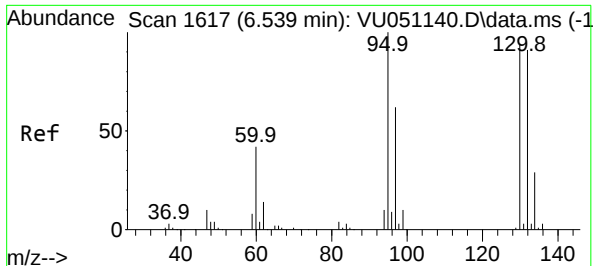
Tgt Ion:117 Resp: 201229
Ion Ratio Lower Upper
117 100
119 97.4 75.7 113.5



#33
Benzene
Concen: 56.116 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion: 78 Resp: 758089





#34

Trichloroethene

Concen: 47.954 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 167790

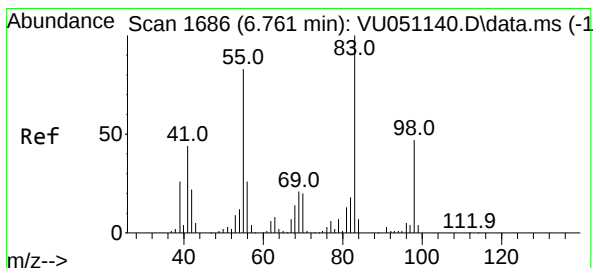
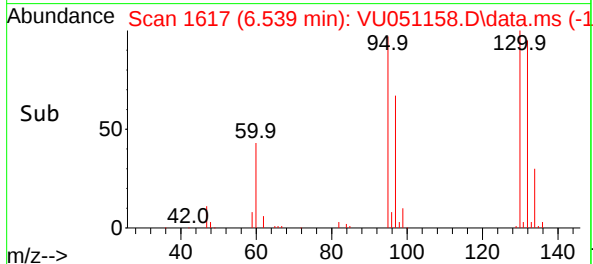
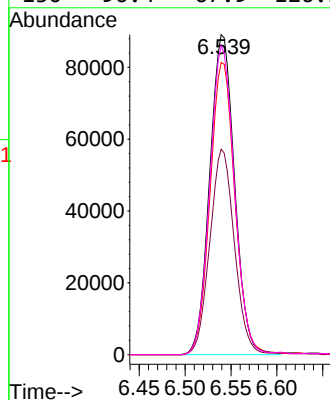
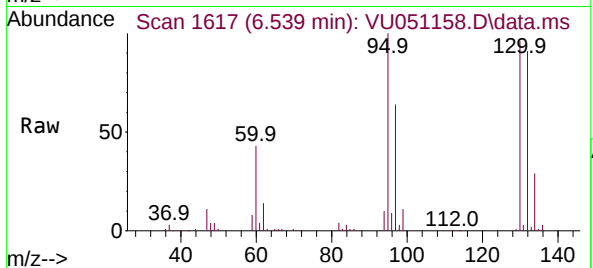
Ion Ratio Lower Upper

95 100

97 64.2 45.9 85.3

132 91.3 64.0 119.0

130 96.4 67.9 126.1



#35

Methylcyclohexane

Concen: 46.096 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

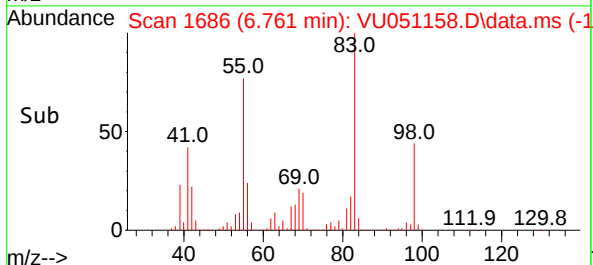
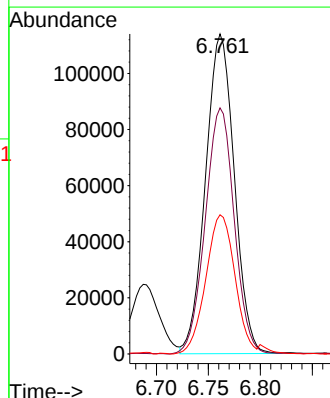
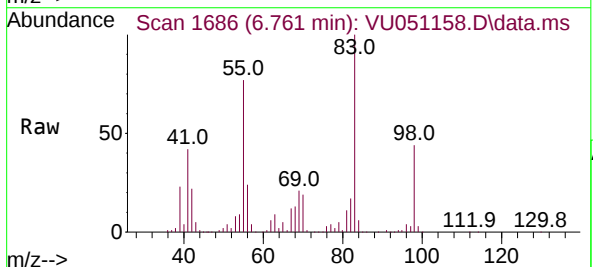
Tgt Ion: 83 Resp: 219522

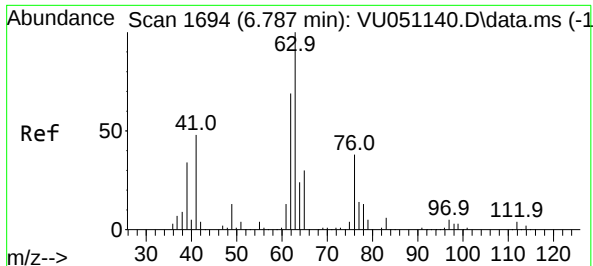
Ion Ratio Lower Upper

83 100

55 77.6 59.3 88.9

98 43.9 36.0 54.0

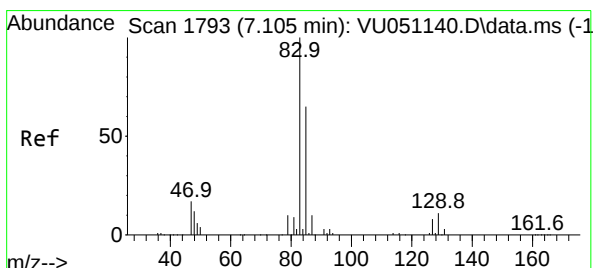
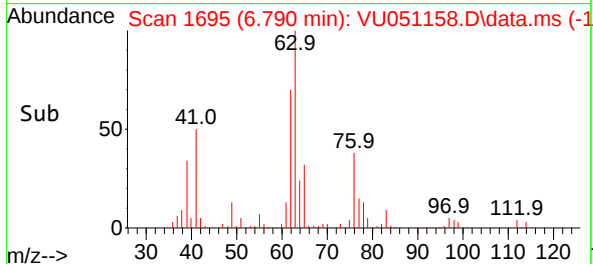
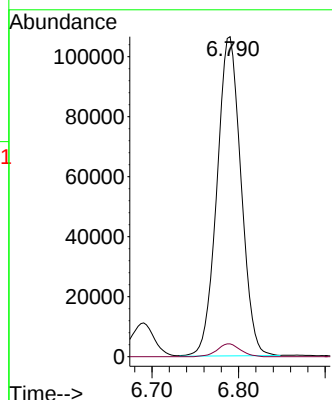
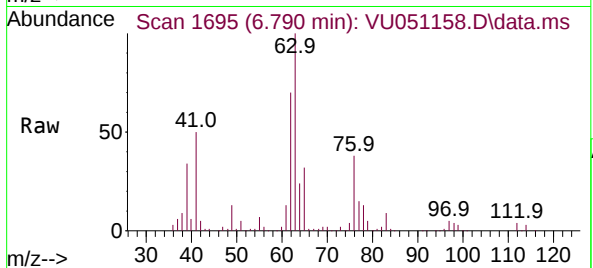




#37
1,2-Dichloropropane
Concen: 56.406 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

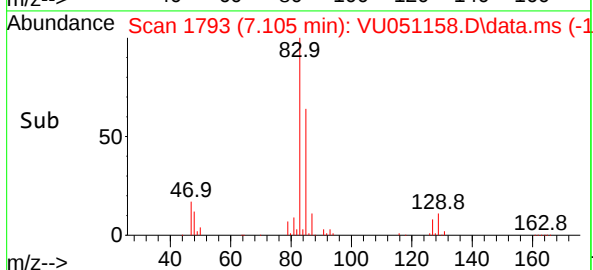
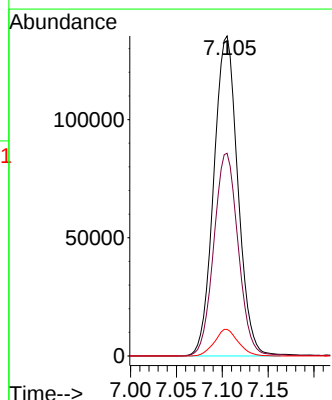
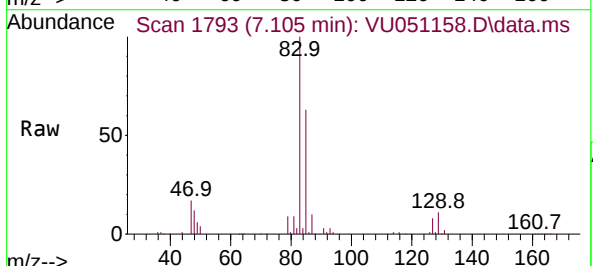
Instrument :
MSVOA_U
ClientSampleId :

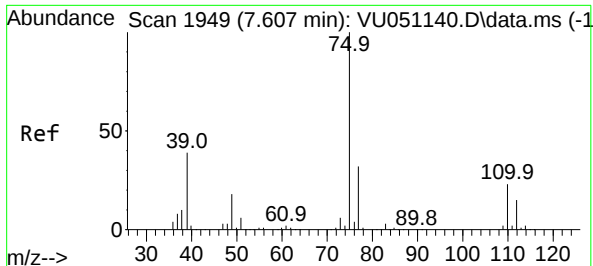
Tgt Ion: 63 Resp: 205201
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 50.977 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion: 83 Resp: 247487
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7
127 8.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 42.322 ug/L

RT: 7.604 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

Instrument :

MSVOA_U

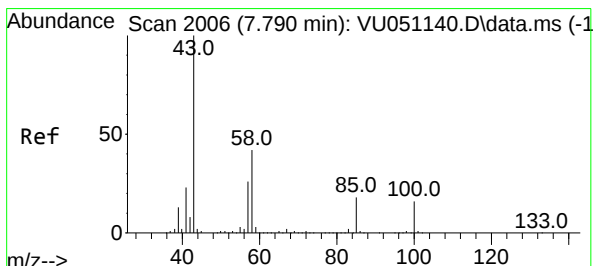
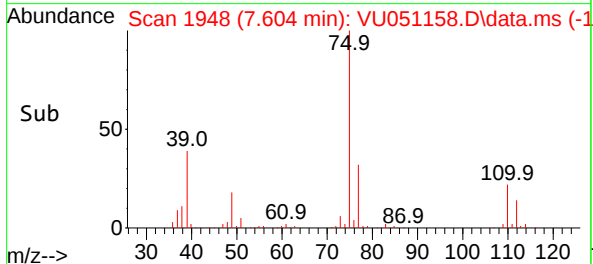
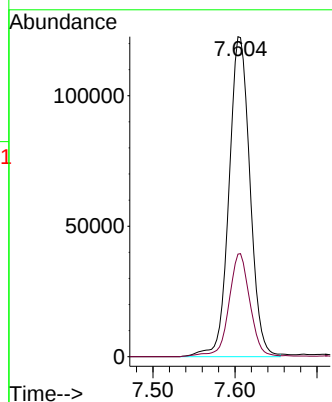
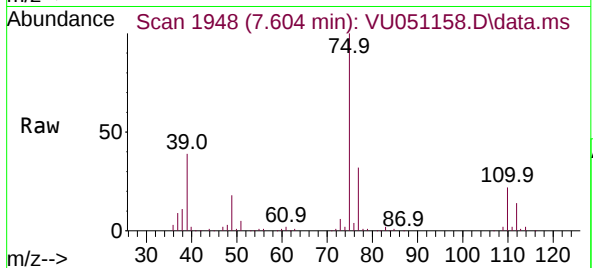
ClientSampleId :

Tgt Ion: 75 Resp: 218048

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 111.994 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

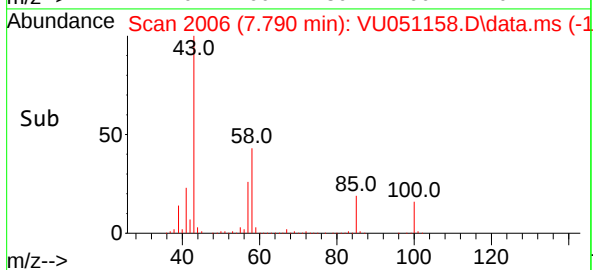
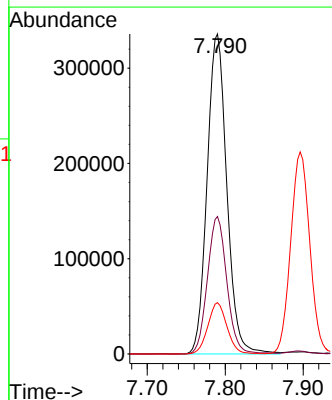
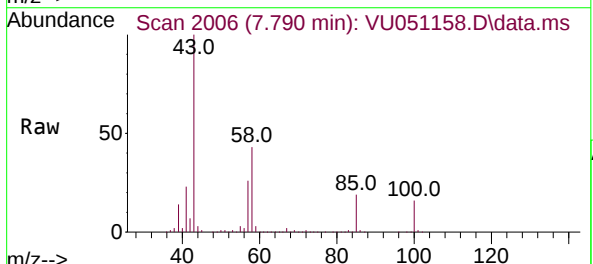
Tgt Ion: 43 Resp: 590029

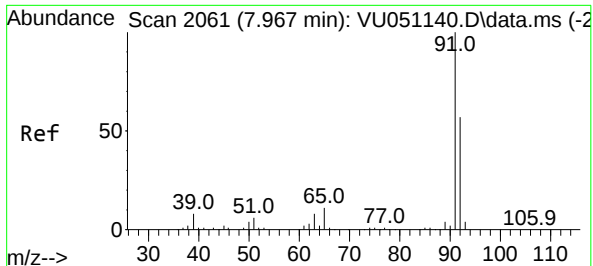
Ion Ratio Lower Upper

43 100

58 42.4 35.0 52.4

100 15.6 13.3 19.9





#42

Toluene

Concen: 66.116 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

Instrument :

MSVOA_U

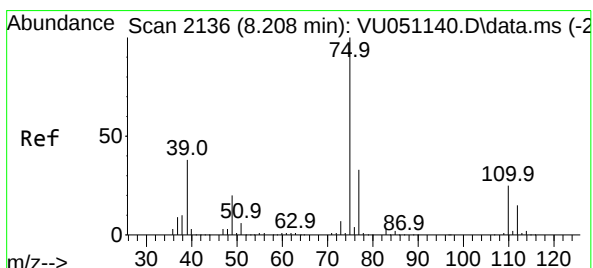
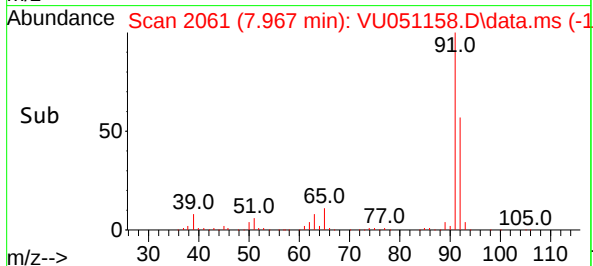
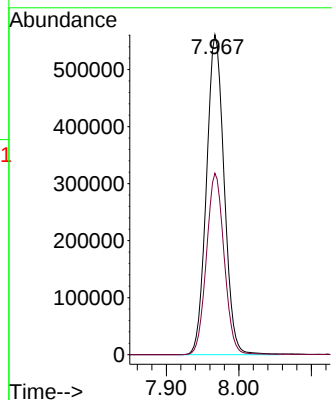
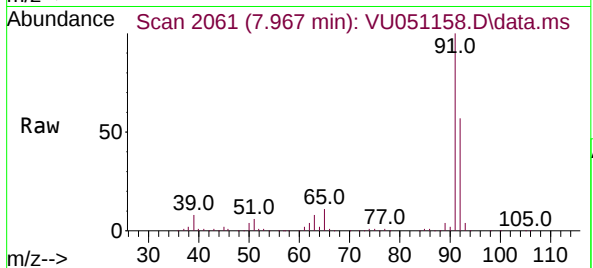
ClientSampleId :

Tgt Ion: 91 Resp: 950032

Ion Ratio Lower Upper

91 100

92 56.7 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 39.345 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051158.D

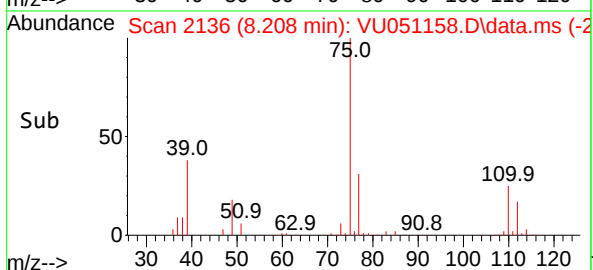
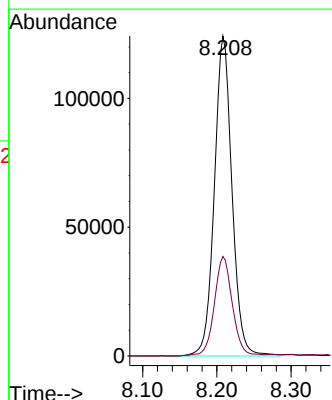
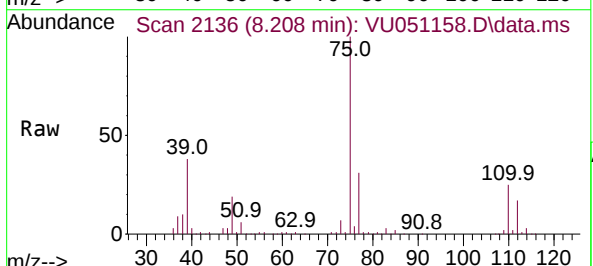
Acq: 06 Oct 2022 04:14

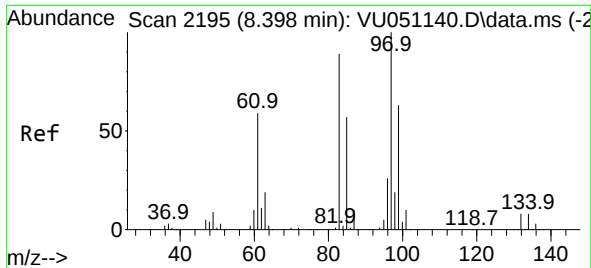
Tgt Ion: 75 Resp: 204961

Ion Ratio Lower Upper

75 100

77 31.1 22.7 42.3



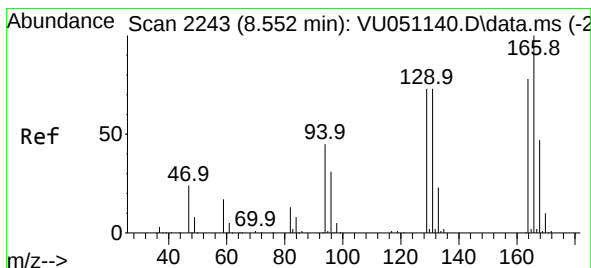
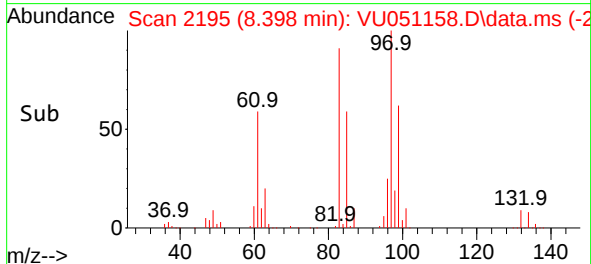
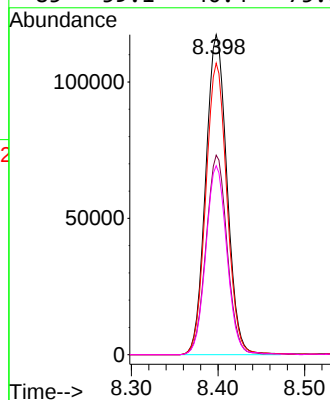
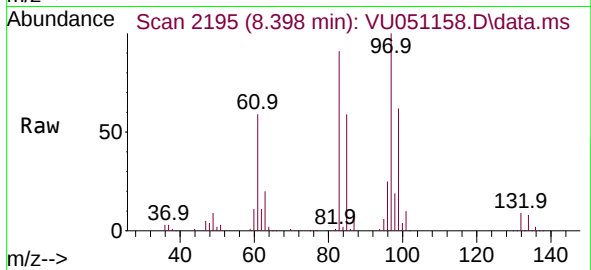


#45
1,1,2-Trichloroethane
Concen: 50.909 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 200608

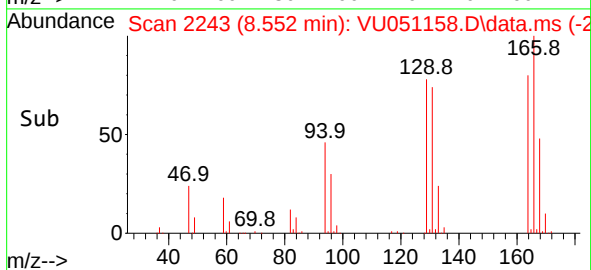
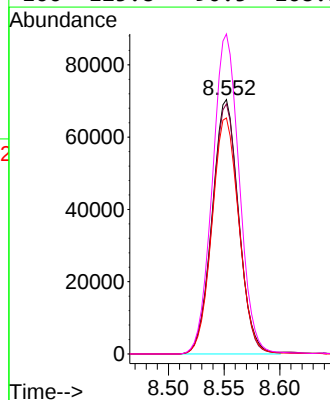
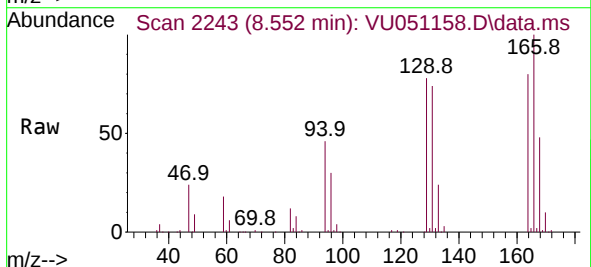
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.4	82.4
83	91.1	61.7	114.5
85	59.1	40.4	75.0

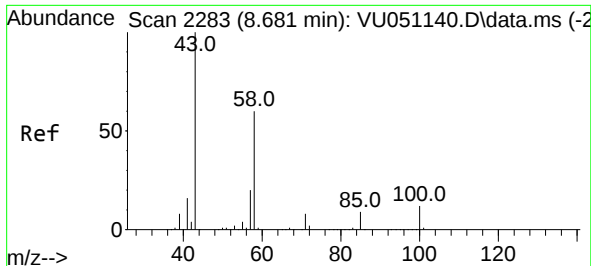


#46
Tetrachloroethene
Concen: 44.063 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion: 164 Resp: 116840

Ion	Ratio	Lower	Upper
164	100		
129	98.3	68.1	126.5
131	92.7	67.8	126.0
166	125.8	90.5	168.1

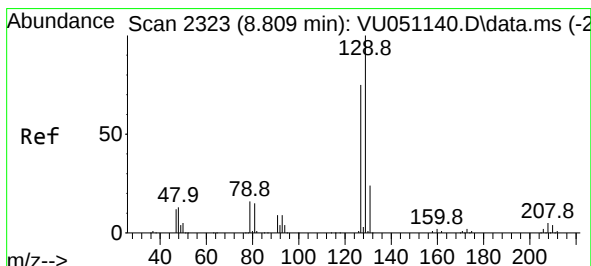
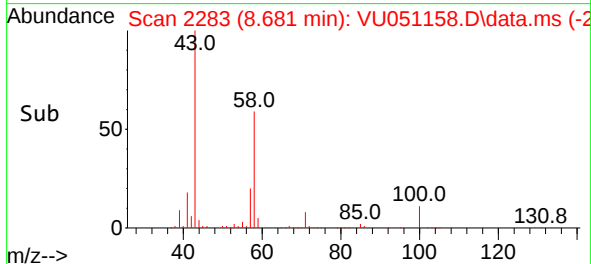
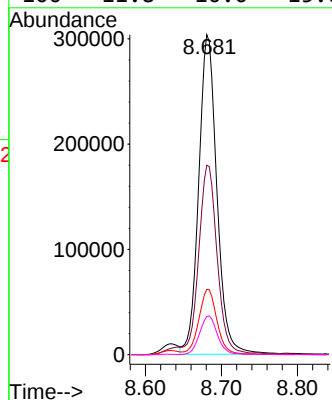
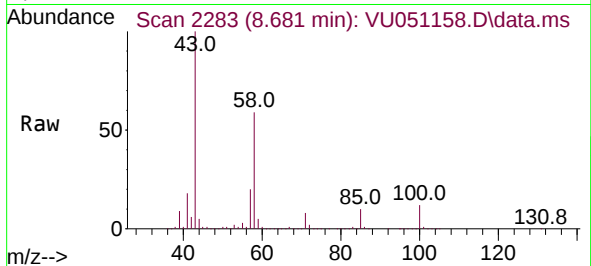




#48
2-Hexanone
Concen: 105.461 ug/L
RT: 8.681 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

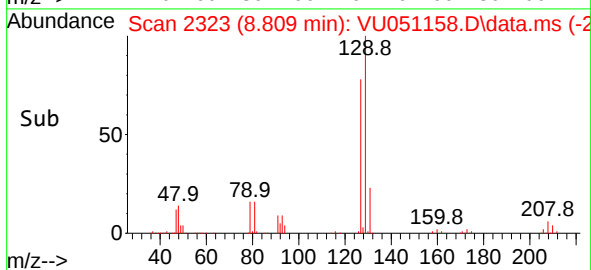
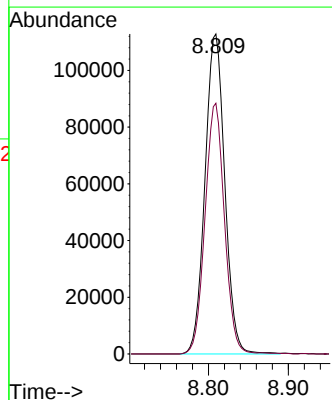
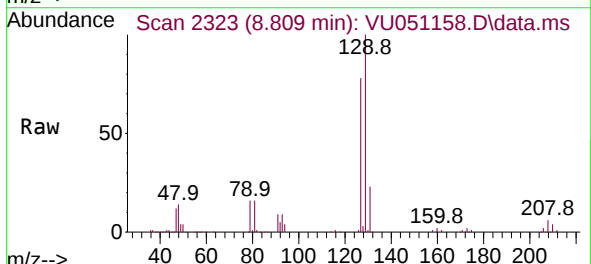
Instrument :
MSVOA_U
ClientSampleId :

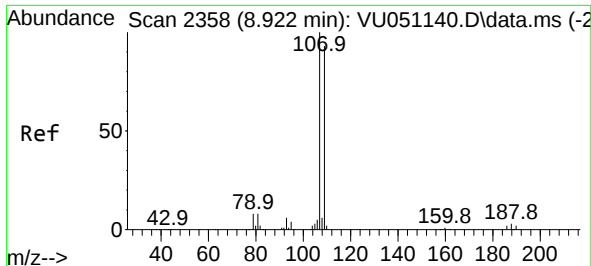
Tgt Ion: 43 Resp: 504661
Ion Ratio Lower Upper
43 100
58 59.3 48.3 72.5
57 20.0 15.9 23.9
100 11.8 10.0 15.0



#49
Dibromochloromethane
Concen: 46.964 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

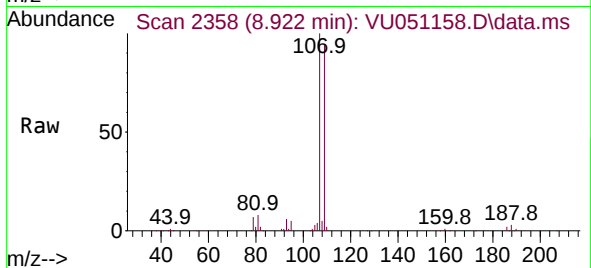
Tgt Ion: 129 Resp: 194569
Ion Ratio Lower Upper
129 100
127 78.3 52.8 98.0



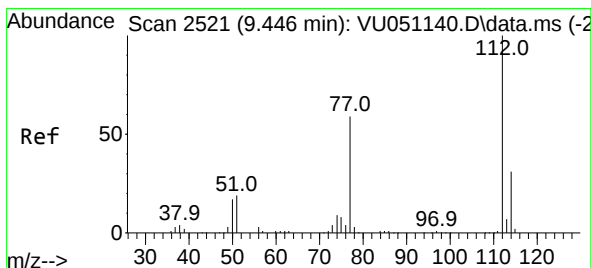
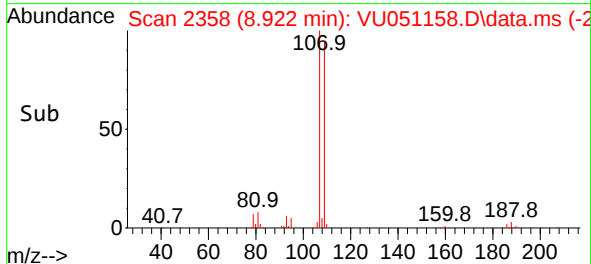
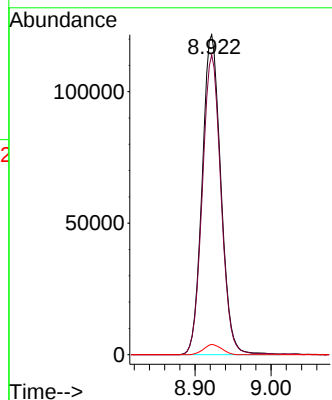


#50
1,2-Dibromoethane
Concen: 48.599 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Instrument :
MSVOA_U
ClientSampleId :

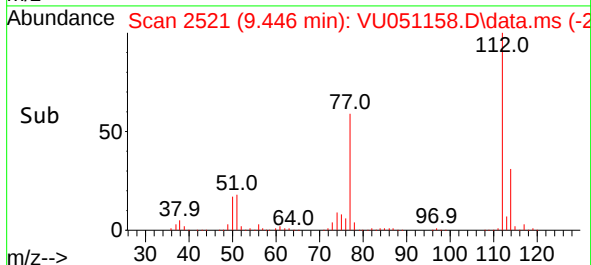
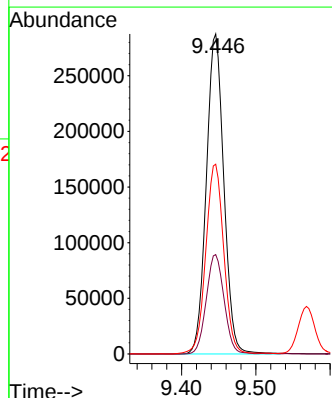
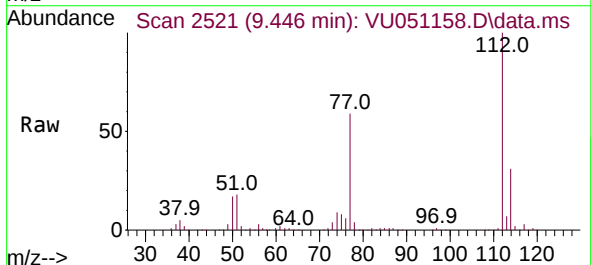


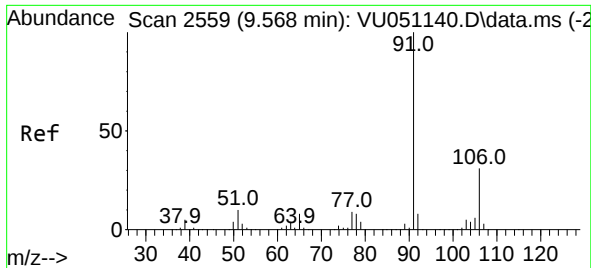
Tgt Ion:107 Resp: 207632
Ion Ratio Lower Upper
107 100
109 93.6 64.1 119.1
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 48.144 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion:112 Resp: 470456
Ion Ratio Lower Upper
112 100
114 31.1 22.3 41.3
77 59.3 48.2 72.2

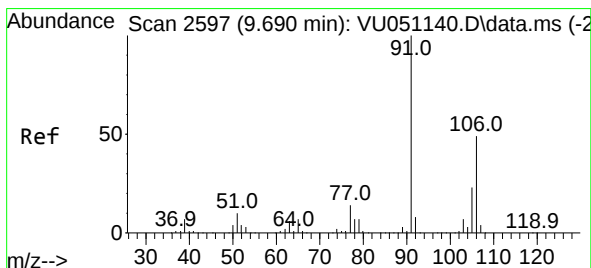
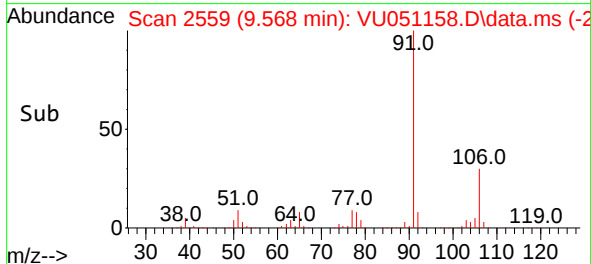
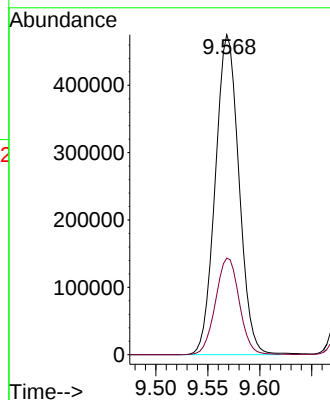
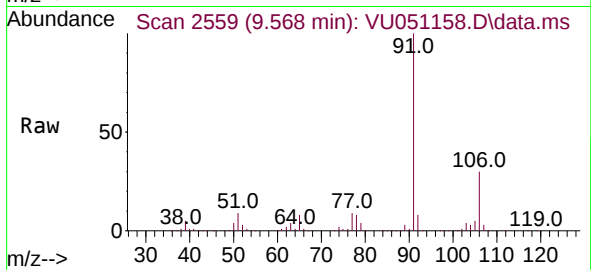




#52
Ethylbenzene
Concen: 49.117 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

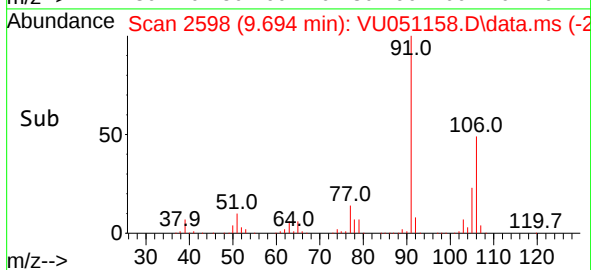
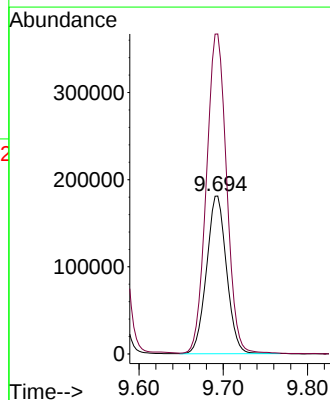
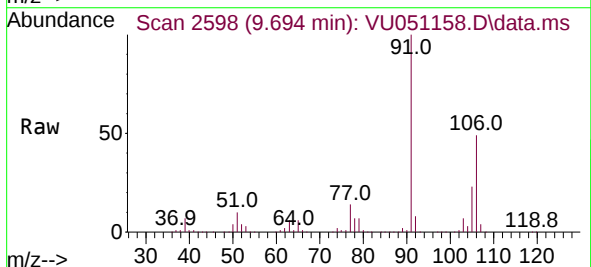
Instrument :
MSVOA_U
ClientSampleId :

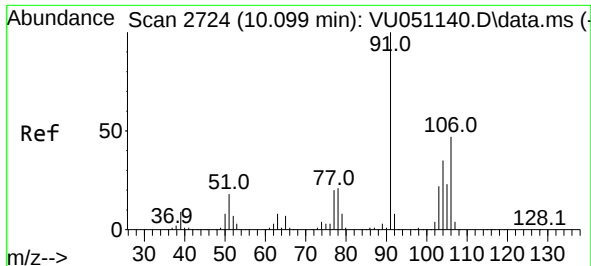
Tgt Ion: 91 Resp: 752825
Ion Ratio Lower Upper
91 100
106 30.2 21.7 40.3



#53
m,p-Xylene
Concen: 51.802 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion: 106 Resp: 298572
Ion Ratio Lower Upper
106 100
91 202.7 141.9 263.5

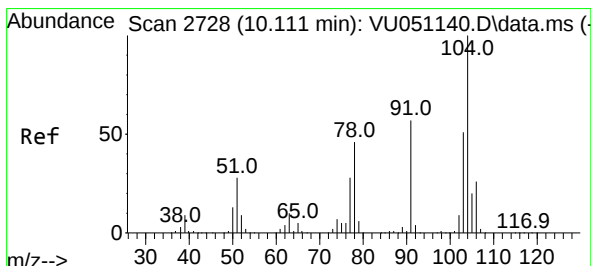
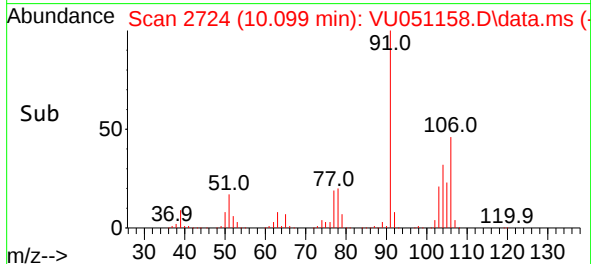
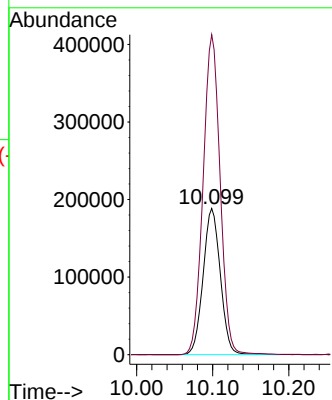
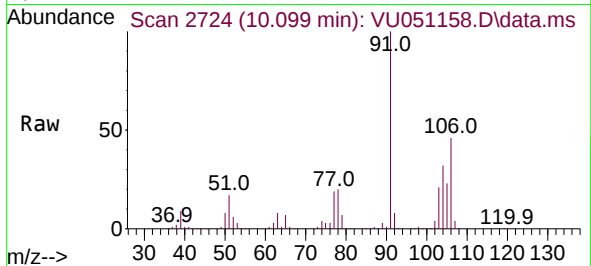




#54
o-Xylene
Concen: 51.467 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

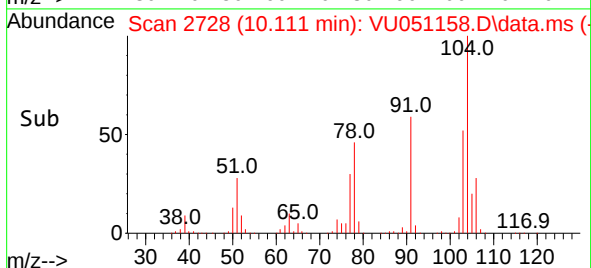
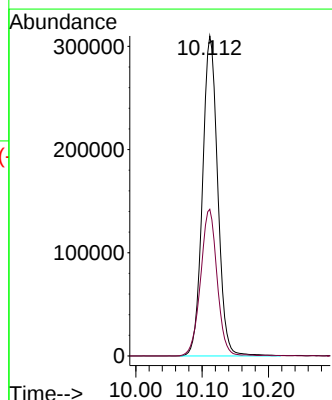
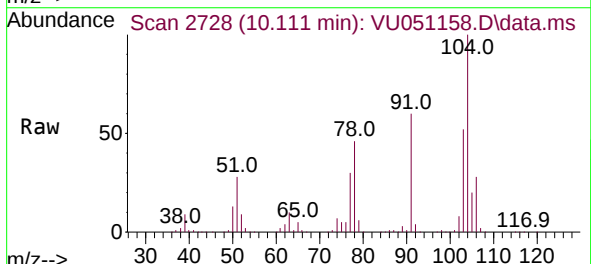
Instrument :
MSVOA_U
ClientSampleId :

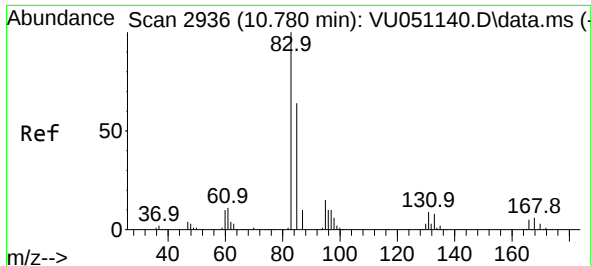
Tgt Ion:106 Resp: 296499
Ion Ratio Lower Upper
106 100
91 218.9 152.4 283.0



#55
Styrene
Concen: 49.704 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion:104 Resp: 494903
Ion Ratio Lower Upper
104 100
78 45.8 31.0 57.6

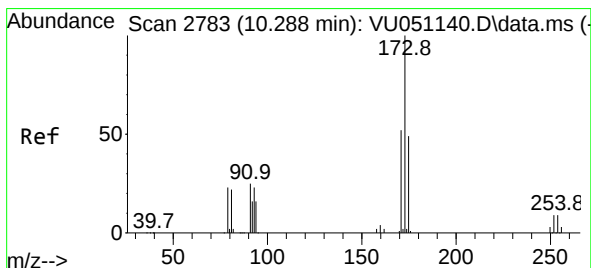
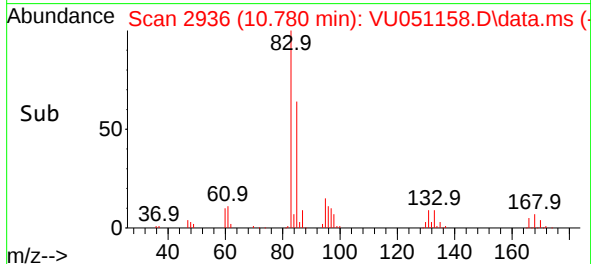
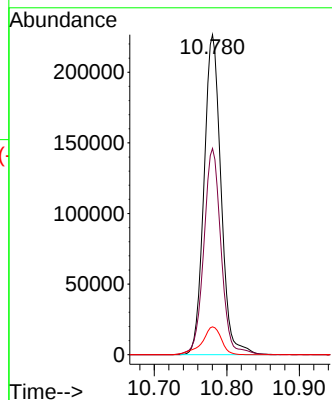
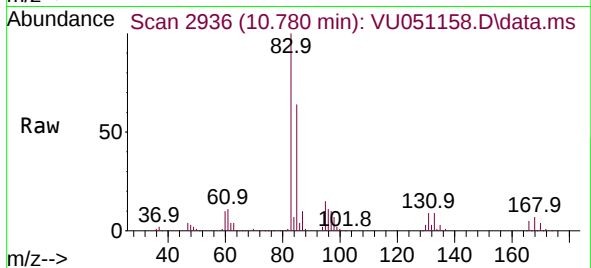




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.830 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU051158.D
 Acq: 06 Oct 2022 04:14

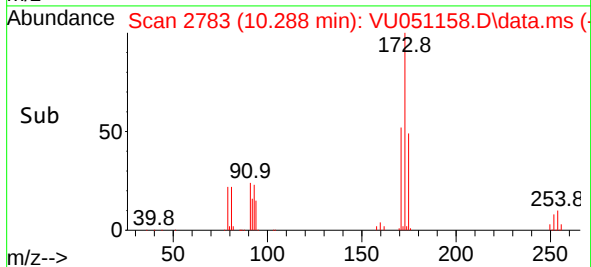
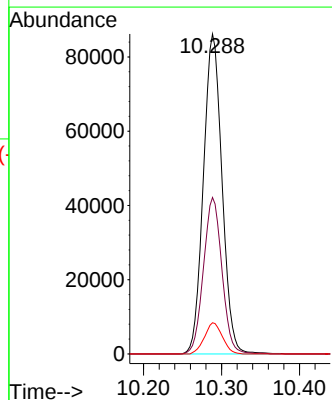
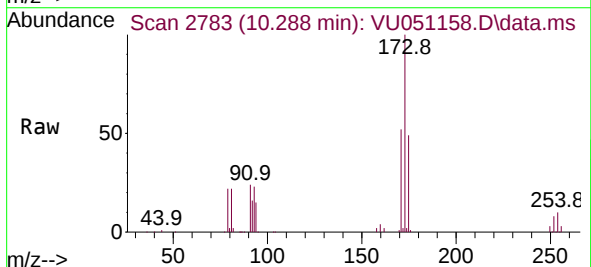
Instrument :
 MSVOA_U
 ClientSampleId :

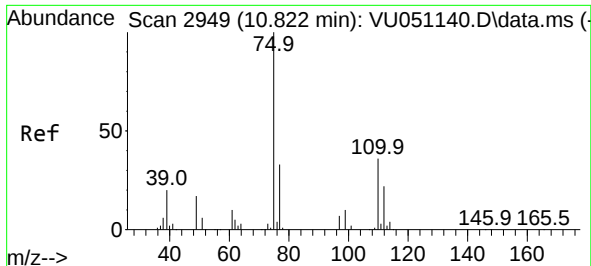
Tgt Ion: 83 Resp: 368434
 Ion Ratio Lower Upper
 83 100
 85 64.5 44.7 83.1
 131 8.7 7.0 10.4



#59
 Bromoform
 Concen: 46.228 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU051158.D
 Acq: 06 Oct 2022 04:14

Tgt Ion:173 Resp: 143276
 Ion Ratio Lower Upper
 173 100
 175 48.4 39.4 59.0
 254 9.4 7.4 11.0

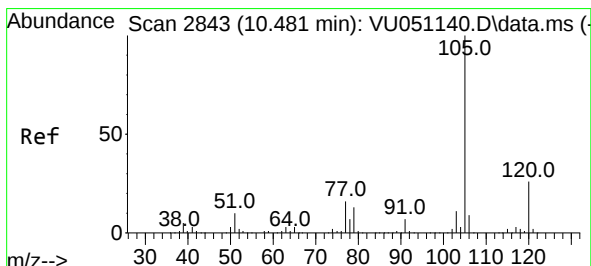
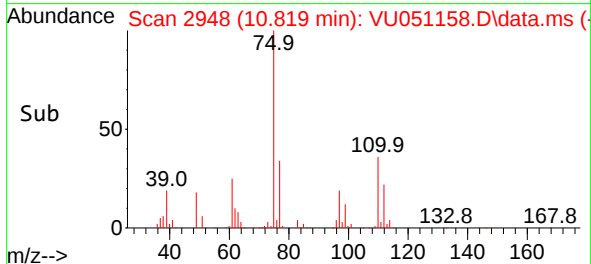
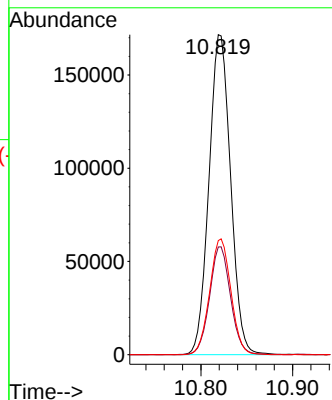
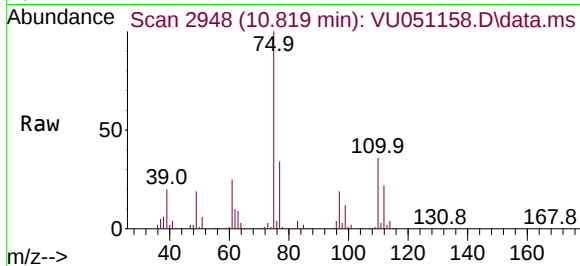




#60
1,2,3-Trichloropropane
Concen: 50.774 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

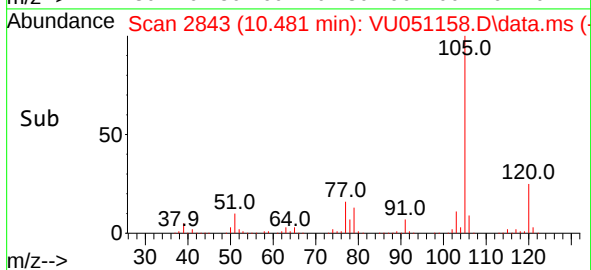
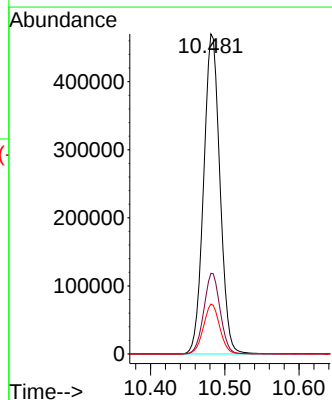
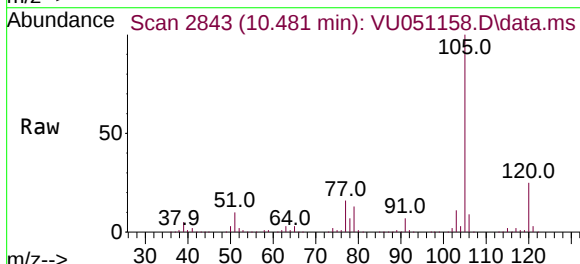
Instrument :
MSVOA_U
ClientSampleId :

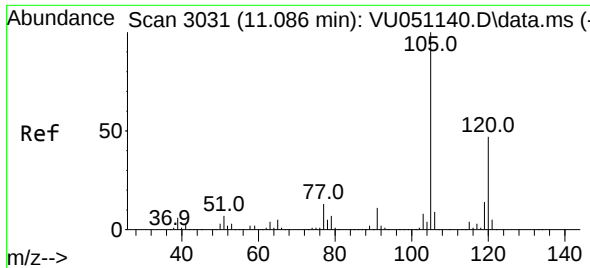
Tgt Ion: 75 Resp: 281455
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
110 35.5 30.0 45.0



#61
Isopropylbenzene
Concen: 52.182 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion: 105 Resp: 714049
Ion Ratio Lower Upper
105 100
120 25.4 21.1 31.7
77 15.7 12.8 19.2

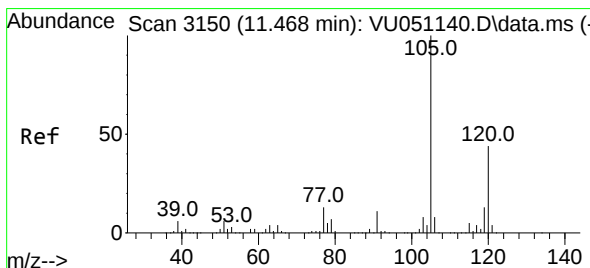
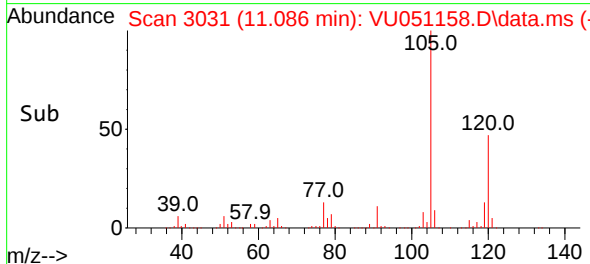
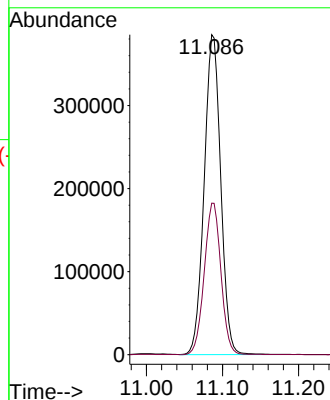
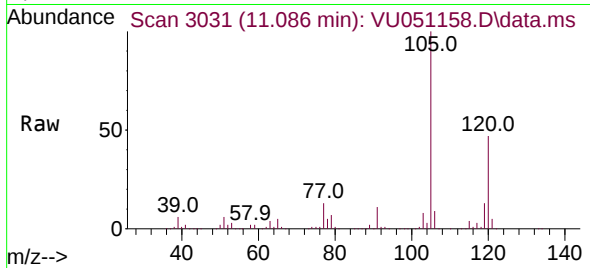




#62
 1,3,5-Trimethylbenzene
 Concen: 52.015 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051158.D
 Acq: 06 Oct 2022 04:14

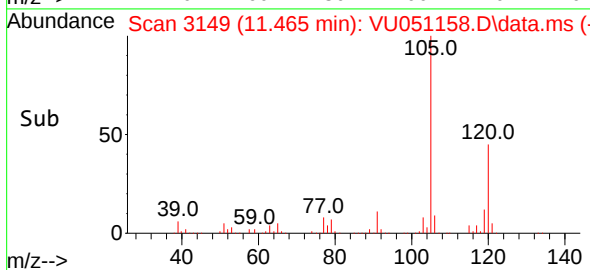
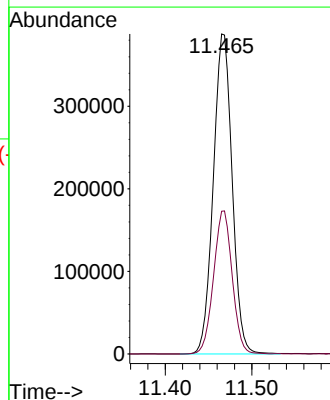
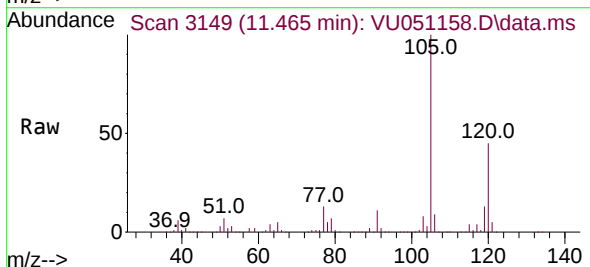
Instrument :
 MSVOA_U
 ClientSampleId :

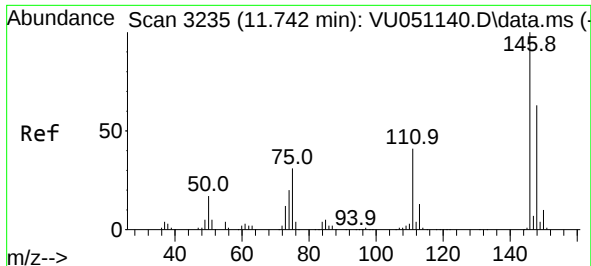
Tgt Ion:105 Resp: 582016
 Ion Ratio Lower Upper
 105 100
 120 47.7 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 52.235 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051158.D
 Acq: 06 Oct 2022 04:14

Tgt Ion:105 Resp: 585794
 Ion Ratio Lower Upper
 105 100
 120 44.2 35.5 53.3

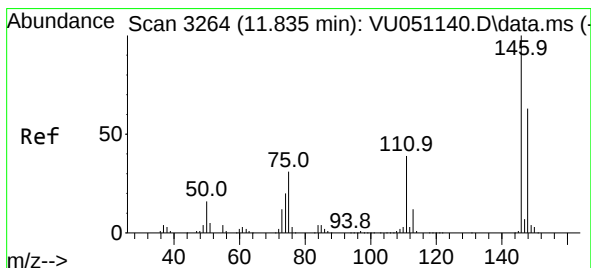
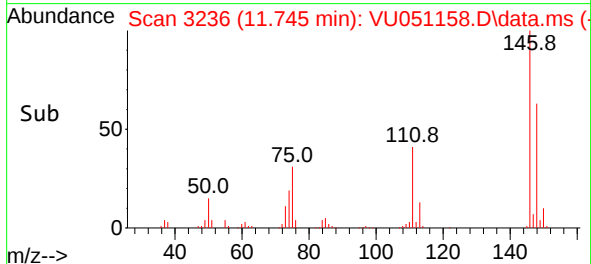
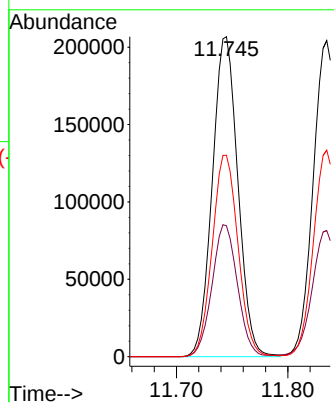
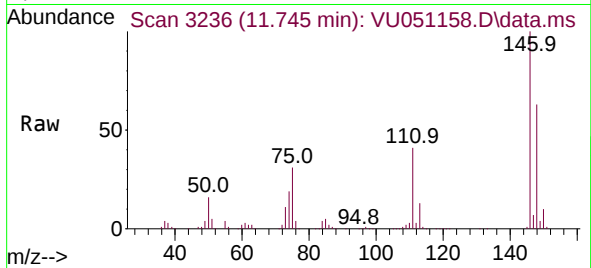




#64
1,3-Dichlorobenzene
Concen: 46.779 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

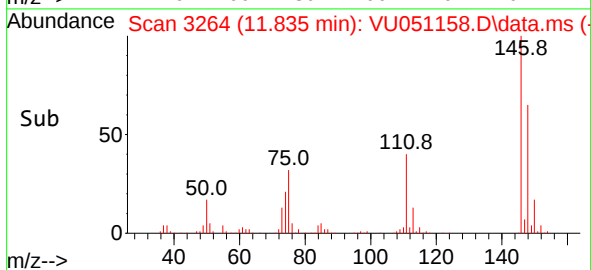
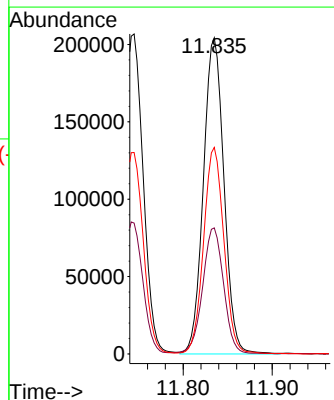
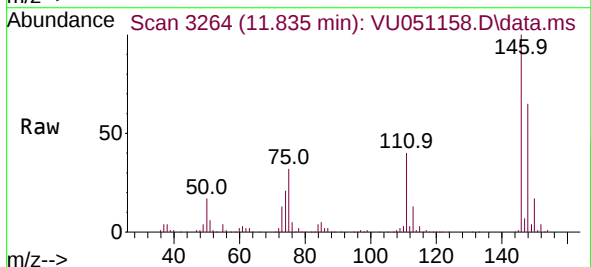
Instrument :
MSVOA_U
ClientSampleId :

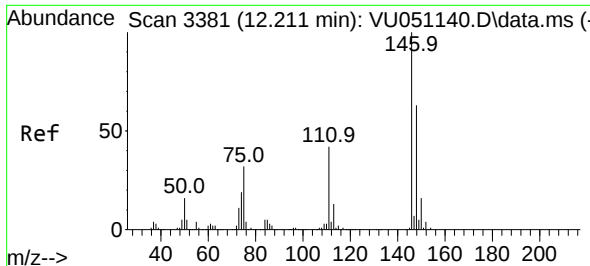
Tgt Ion:146 Resp: 329991
Ion Ratio Lower Upper
146 100
111 40.9 28.2 52.4
148 62.9 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 46.516 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion:146 Resp: 328011
Ion Ratio Lower Upper
146 100
111 39.9 27.0 50.2
148 65.4 45.1 83.9

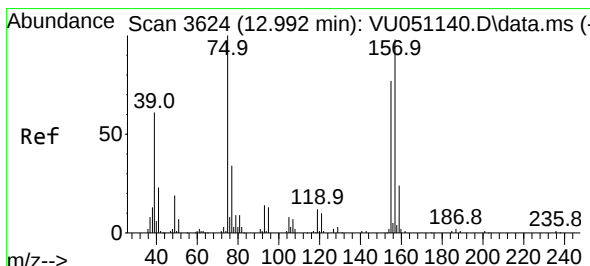
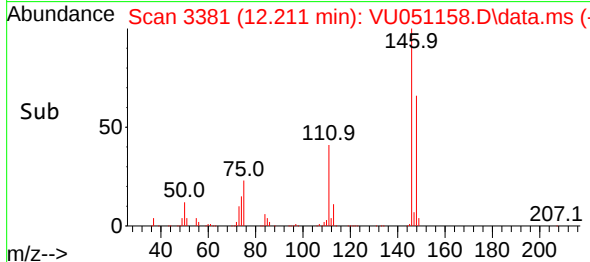
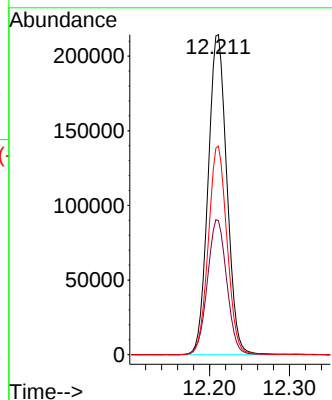
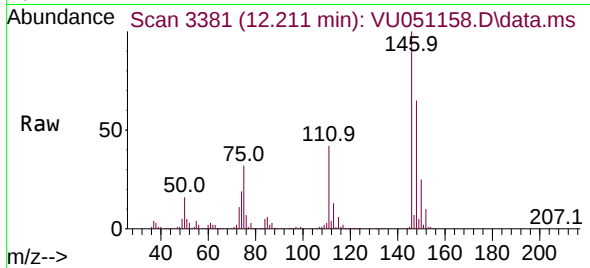




#67
1,2-Dichlorobenzene
Concen: 48.216 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

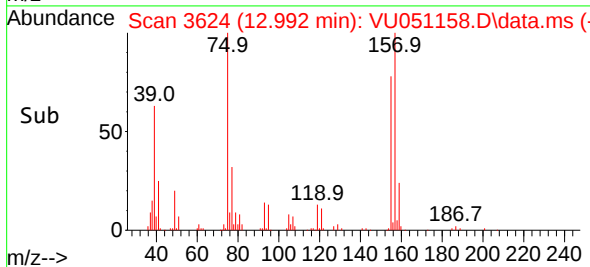
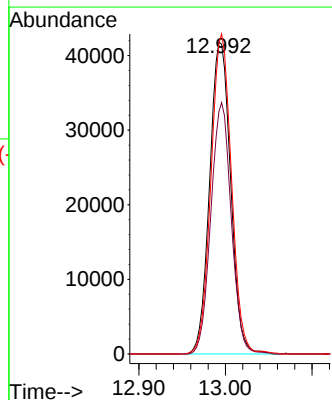
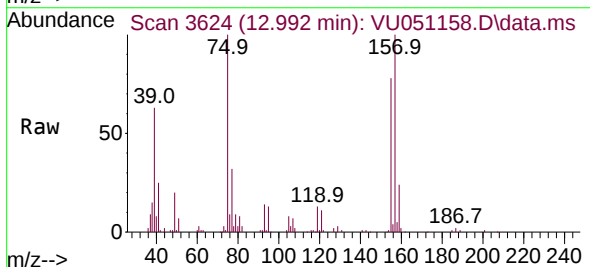
Instrument :
MSVOA_U
ClientSampleId :

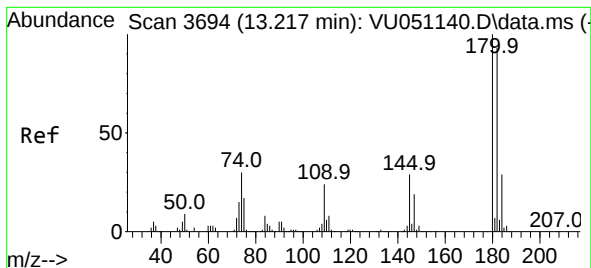
Tgt Ion:146 Resp: 349458
Ion Ratio Lower Upper
146 100
111 41.9 33.7 50.5
148 65.2 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 43.469 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion: 75 Resp: 70318
Ion Ratio Lower Upper
75 100
155 77.7 64.4 96.6
157 99.8 82.2 123.2





#69

1,3,5-Trichlorobenzene

Concen: 41.656 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

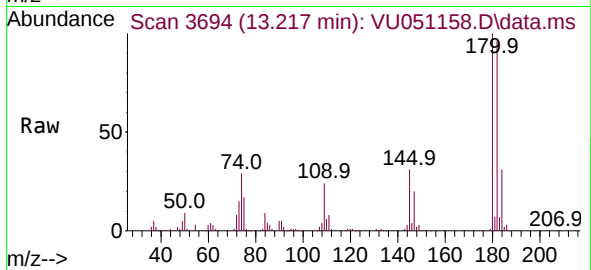
Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 199271

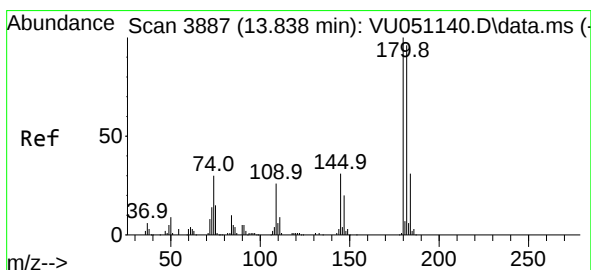
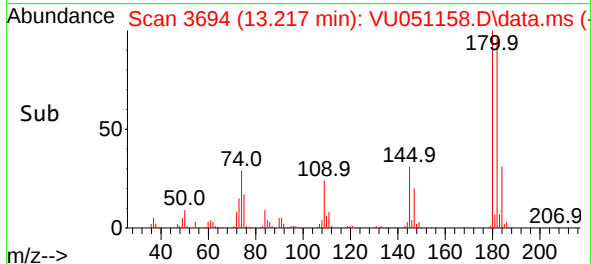
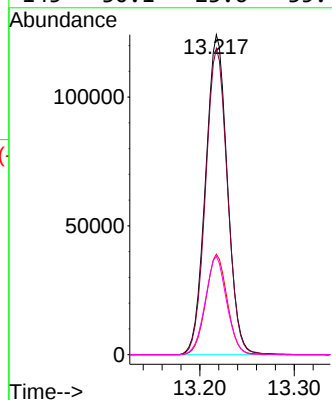
Ion Ratio Lower Upper

180 100

182 95.7 77.0 115.4

184 30.7 24.4 36.6

145 30.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 39.036 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051158.D

Acq: 06 Oct 2022 04:14

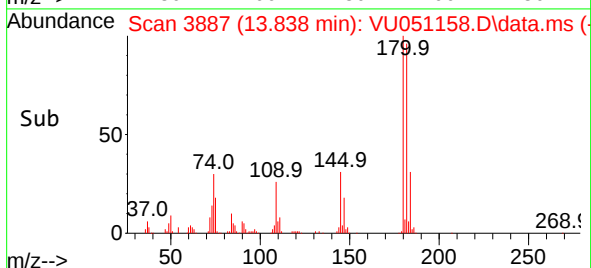
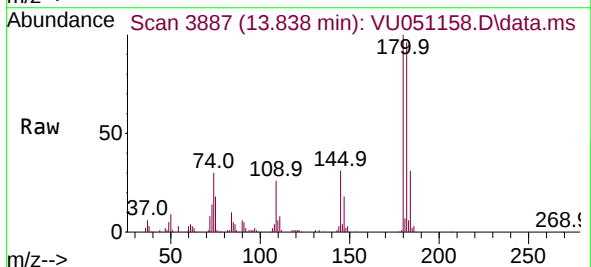
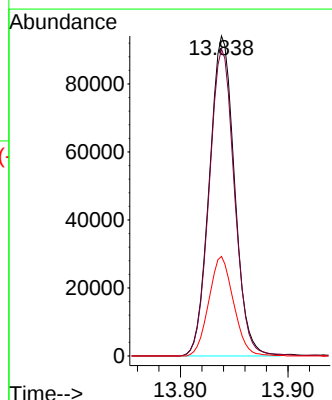
Tgt Ion:180 Resp: 152784

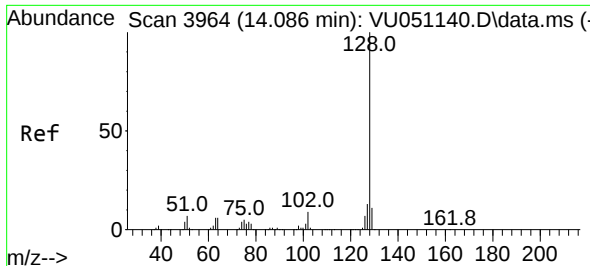
Ion Ratio Lower Upper

180 100

182 96.2 75.9 113.9

145 30.6 24.0 36.0

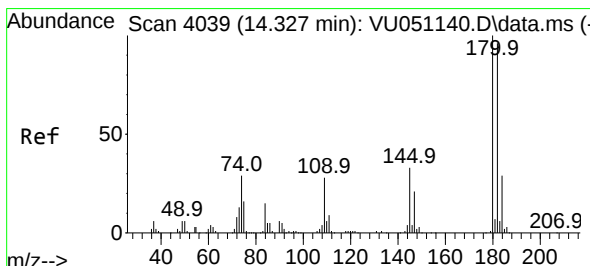
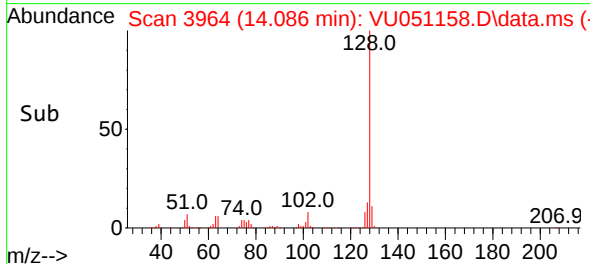
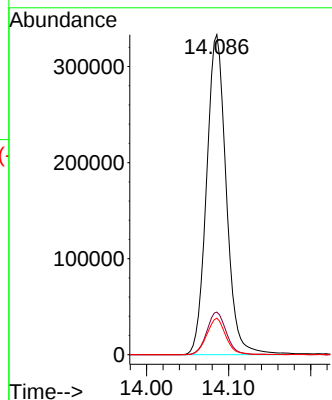
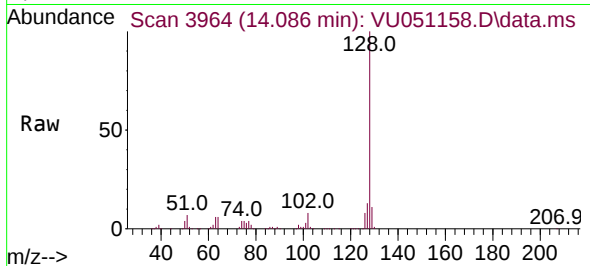




#71
Naphthalene
Concen: 39.559 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 554171
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 41.041 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051158.D
Acq: 06 Oct 2022 04:14

Tgt Ion:180 Resp: 179247
Ion Ratio Lower Upper
180 100
182 96.5 76.0 114.0
145 32.8 26.1 39.1

