

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051161.D
 Acq On : 06 Oct 2022 05:25
 Operator : JC/MD
 Sample : N4890-04MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 06 06:35:55 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	434730	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	427783	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	206739	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	133841	30.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.760%
7) Chloroethane-d5	1.896	69	128056	31.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.580%#
11) 1,1-Dichloroethene-d2	2.565	63	253051	38.883	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.760%
21) 2-Butanone-d5	4.620	46	270270	94.582	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.580%
24) Chloroform-d	5.060	84	316809	44.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
26) 1,2-Dichloroethane-d4	5.700	65	200671	45.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.340%
32) Benzene-d6	5.723	84	616156	49.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
36) 1,2-Dichloropropane-d6	6.687	67	210178	51.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.420%
41) Toluene-d8	7.896	98	552581	47.743	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.480%
43) trans-1,3-Dichloroprop...	8.176	79	86416	44.571	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.140%
47) 2-Hexanone-d5	8.629	63	145763	88.807	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.810%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	345633	48.652	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.300%
66) 1,2-Dichlorobenzene-d4	12.192	152	202971	45.957	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	153403	42.081	ug/L	100
3) Chloromethane	1.523	50	210999	48.989	ug/L	100
5) Vinyl chloride	1.604	62	218228	47.742	ug/L	100
6) Bromomethane	1.835	94	122425	32.333	ug/L	100
8) Chloroethane	1.919	64	138980	41.406	ug/L	98
9) Trichlorofluoromethane	2.131	101	243592	39.633	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	141631	42.675	ug/L	100
12) 1,1-Dichloroethene	2.575	96	146777	47.345	ug/L	90
13) Acetone	2.623	43	199620	87.482	ug/L	98
14) Carbon disulfide	2.787	76	428683	46.779	ug/L	99
15) Methyl Acetate	2.945	43	166204	39.896	ug/L	95
16) Methylene chloride	3.041	84	201257	45.222	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	160245	48.587	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	533331	53.211	ug/L	99
19) 1,1-Dichloroethane	3.867	63	328548	52.442	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	190548	51.744	ug/L	96
22) 2-Butanone	4.697	43	308721	97.924	ug/L	99
23) Bromochloromethane	4.970	128	101064	50.088	ug/L	96
25) Chloroform	5.086	83	335469	49.229	ug/L	100

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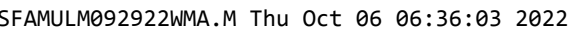
Instrument :
 MSVOA_U
 ClientSampleId :

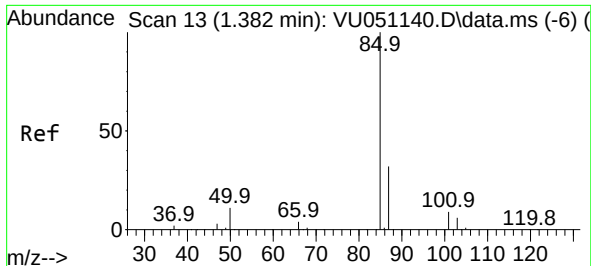
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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 06:20:30 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	260991	49.997	ug/L	99
29) Cyclohexane	5.385	56	233532	56.066	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	255859	50.999	ug/L	99
31) Carbon tetrachloride	5.523	117	201618	49.255	ug/L	100
33) Benzene	5.771	78	760627	58.322	ug/L	100
34) Trichloroethene	6.539	95	175992	52.101	ug/L	98
35) Methylcyclohexane	6.761	83	226143	49.188	ug/L	97
37) 1,2-Dichloropropane	6.790	63	205089	58.396	ug/L	99
38) Bromodichloromethane	7.105	83	251011	53.556	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	264697	53.218	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	595281	117.041	ug/L	99
42) Toluene	7.967	91	903498	65.131	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	247065	49.128	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	201310	52.919	ug/L	99
46) Tetrachloroethene	8.552	164	121338	47.399	ug/L	97
48) 2-Hexanone	8.681	43	507847	109.931	ug/L	99
49) Dibromochloromethane	8.809	129	194987	48.752	ug/L	95
50) 1,2-Dibromoethane	8.922	107	205656	49.862	ug/L	97
51) Chlorobenzene	9.446	112	476260	50.485	ug/L	100
52) Ethylbenzene	9.568	91	766262	51.786	ug/L	99
53) m,p-Xylene	9.690	106	305022	54.818	ug/L	98
54) o-Xylene	10.099	106	302909	54.464	ug/L	99
55) Styrene	10.111	104	515891	53.669	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	361972	53.764	ug/L	100
59) Bromoform	10.288	173	146271	48.086	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	281370	51.718	ug/L	98
61) Isopropylbenzene	10.481	105	727632	54.180	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	603665	54.970	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	610782	55.492	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	347384	50.175	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	342662	49.512	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	364295	51.213	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	72166	45.454	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	216357	46.083	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	178466	46.459	ug/L	99
71) Naphthalene	14.086	128	682548	49.643	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	204341	47.671	ug/L	100

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

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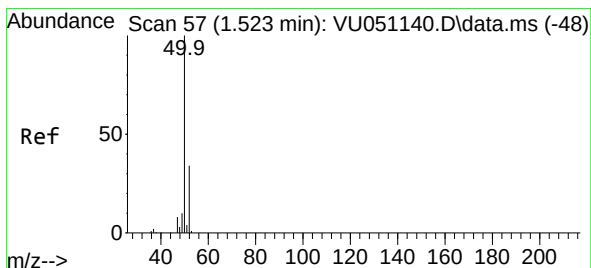
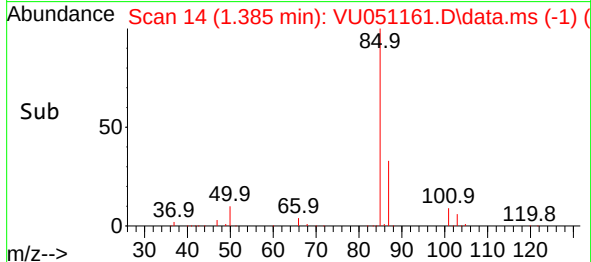
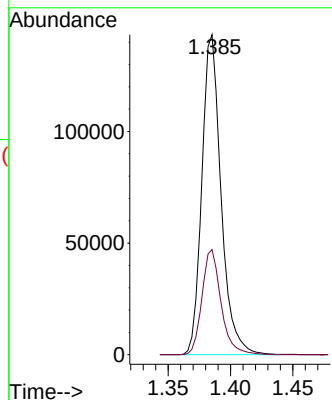
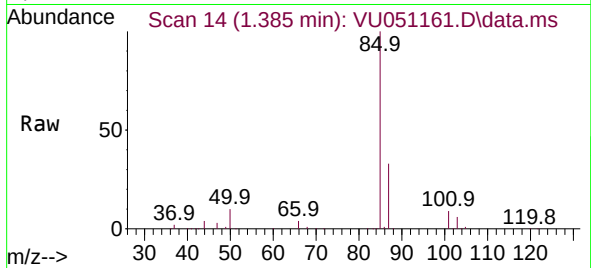




#2
Dichlorodifluoromethane
Concen: 42.081 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

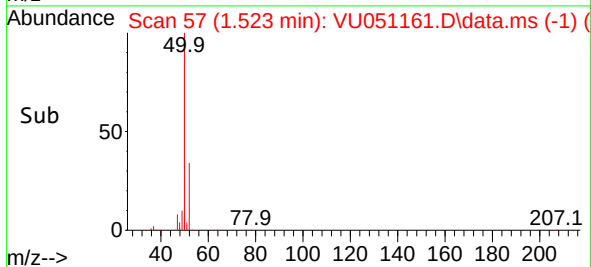
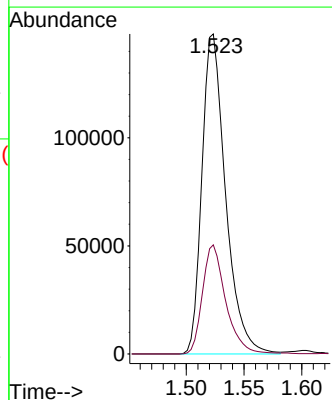
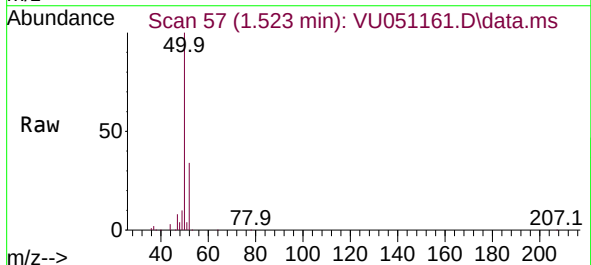
Instrument :
MSVOA_U
ClientSampleId :

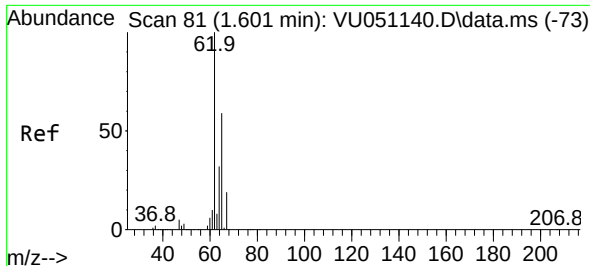
Tgt Ion: 85 Resp: 153403
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 48.989 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

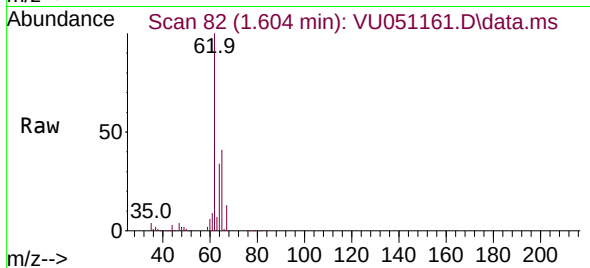
Tgt Ion: 50 Resp: 210999
Ion Ratio Lower Upper
50 100
52 34.1 23.7 44.1



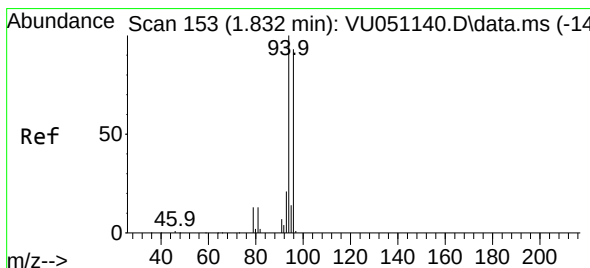
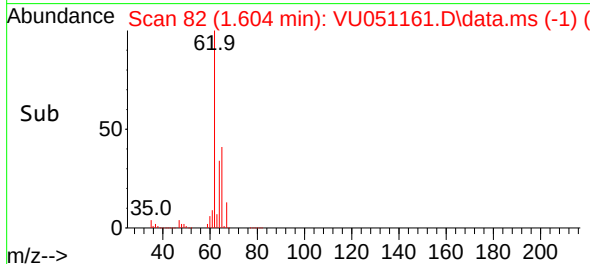
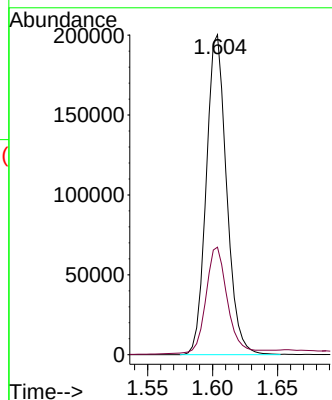


#5
 Vinyl chloride
 Concen: 47.742 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051161.D
 Acq: 06 Oct 2022 05:25

Instrument :
 MSVOA_U
 ClientSampleId :

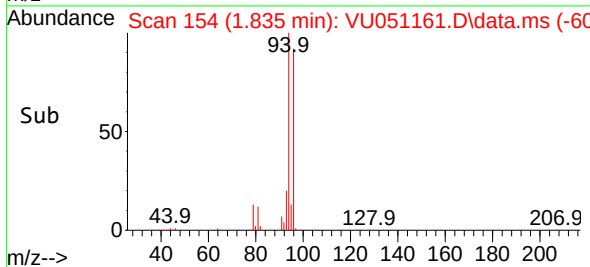
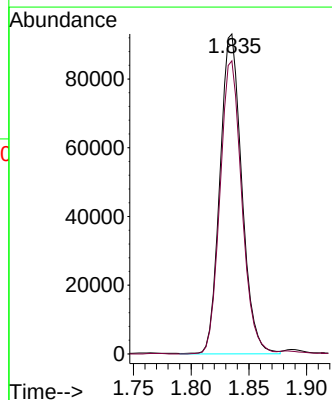
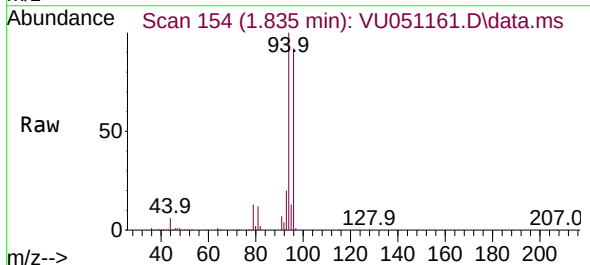


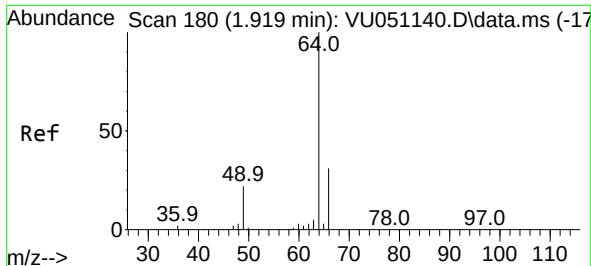
Tgt Ion: 62 Resp: 218228
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.5 43.7



#6
 Bromomethane
 Concen: 32.333 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VU051161.D
 Acq: 06 Oct 2022 05:25

Tgt Ion: 94 Resp: 122425
 Ion Ratio Lower Upper
 94 100
 96 91.6 63.9 118.7

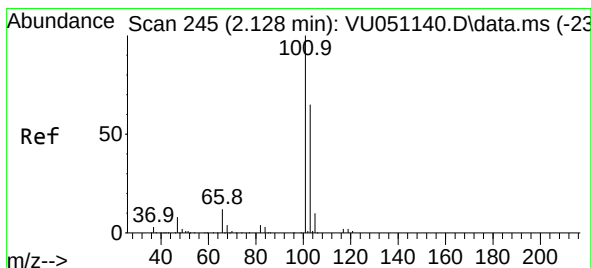
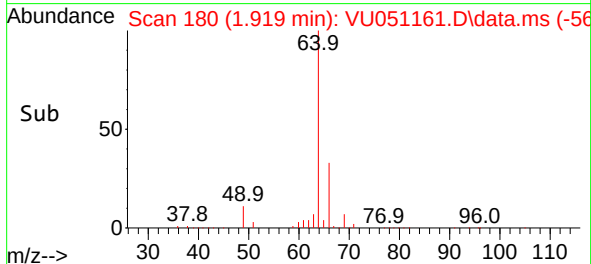
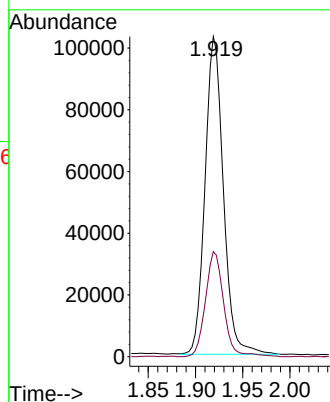
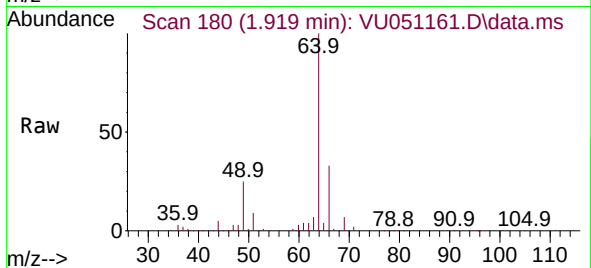




#8
Chloroethane
Concen: 41.406 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

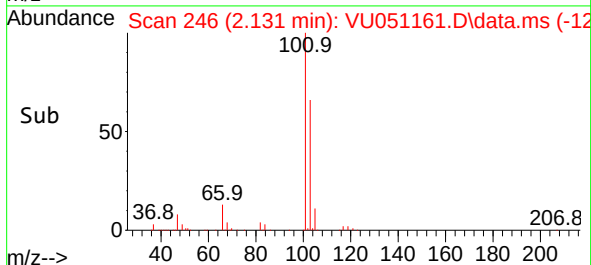
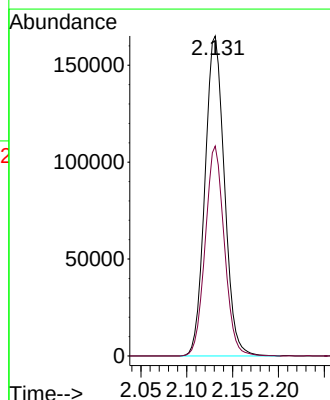
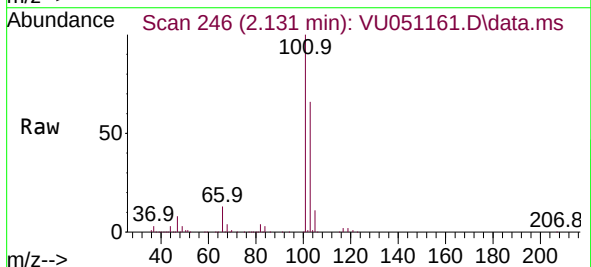
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MSVOA_U
ClientSampleId :

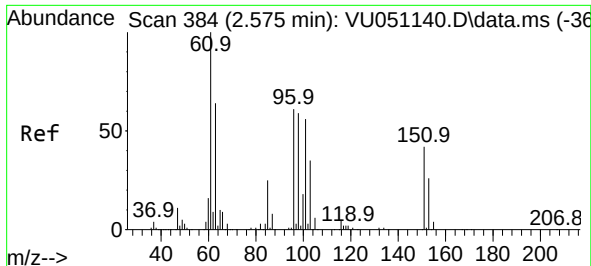
Tgt Ion: 64 Resp: 138980
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 39.633 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.003 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Tgt Ion:101 Resp: 243592
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6

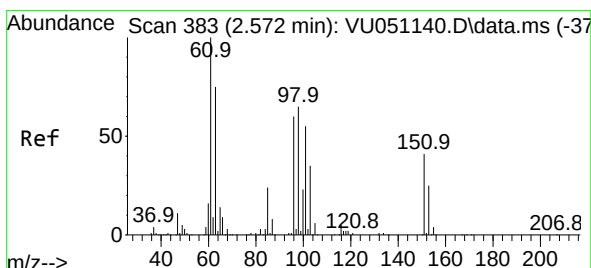
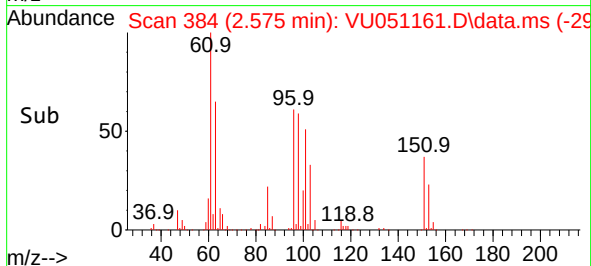
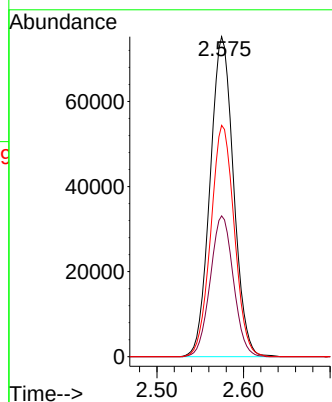
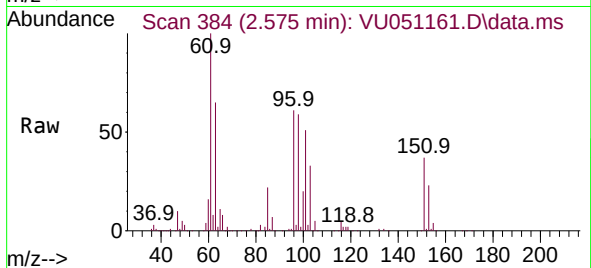




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.675 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU051161.D
 Acq: 06 Oct 2022 05:25

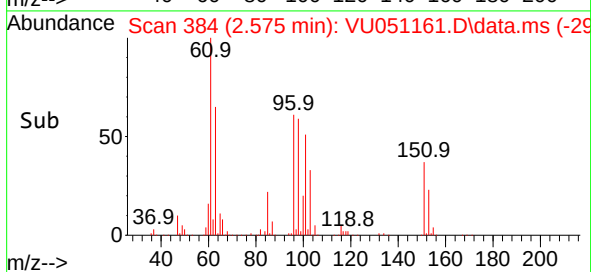
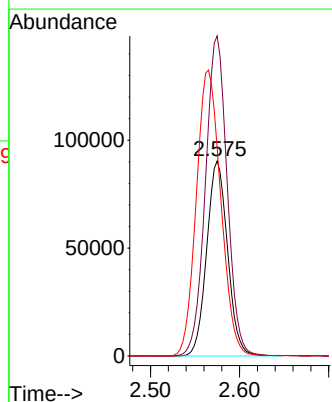
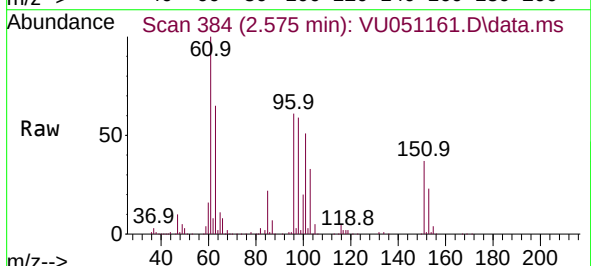
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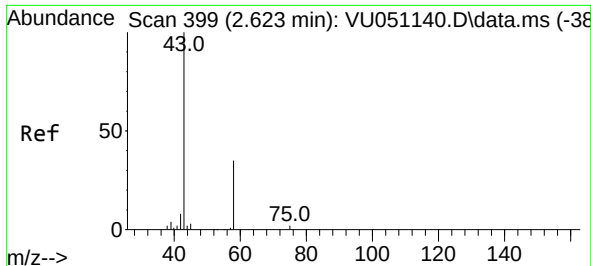
Tgt Ion:101 Resp: 141631
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.6 52.0
 151 72.6 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 47.345 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.003 min
 Lab File: VU051161.D
 Acq: 06 Oct 2022 05:25

Tgt Ion: 96 Resp: 146777
 Ion Ratio Lower Upper
 96 100
 61 164.0 113.0 209.9
 63 106.7 91.7 170.3





#13

Acetone

Concen: 87.482 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

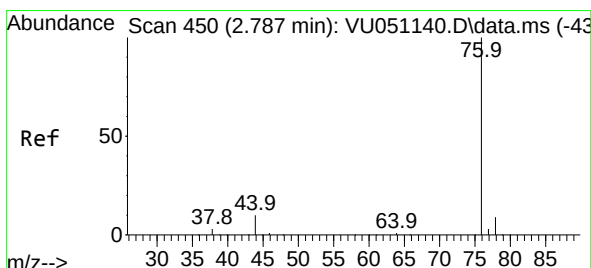
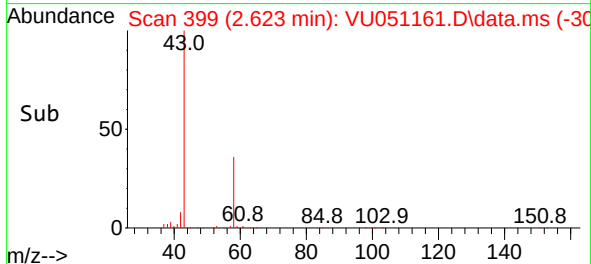
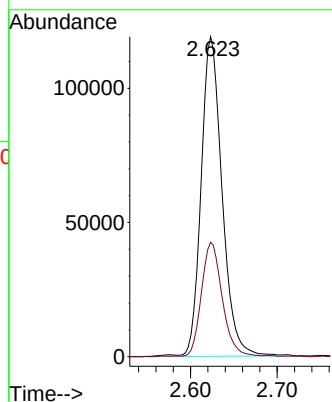
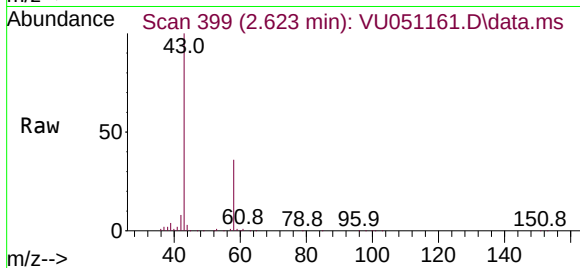
ClientSampleId :

Tgt Ion: 43 Resp: 199620

Ion Ratio Lower Upper

43 100

58 35.7 0.0 73.6



#14

Carbon disulfide

Concen: 46.779 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.000 min

Lab File: VU051161.D

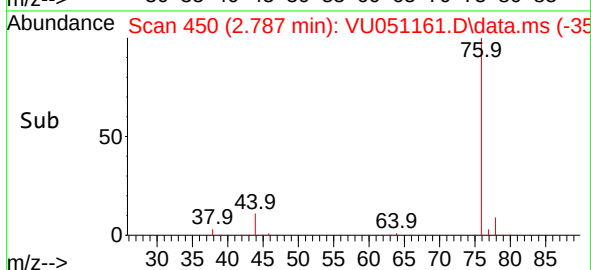
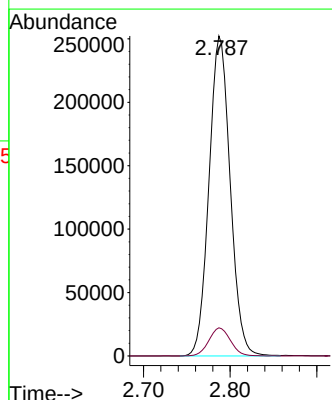
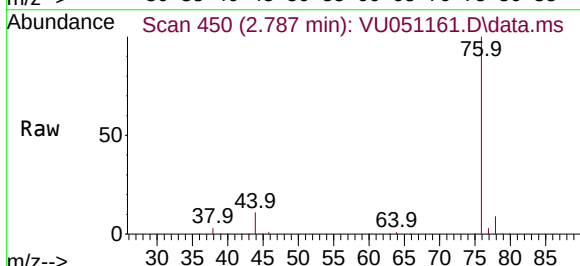
Acq: 06 Oct 2022 05:25

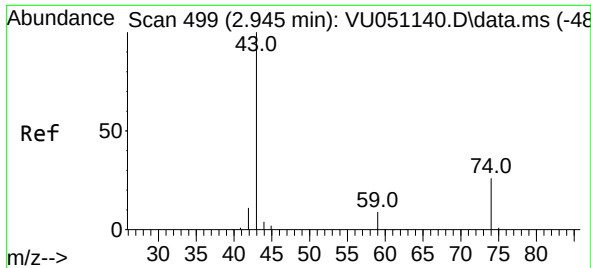
Tgt Ion: 76 Resp: 428683

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

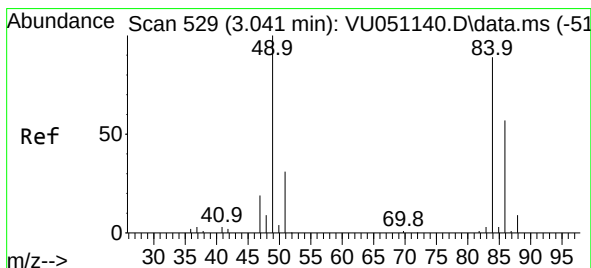
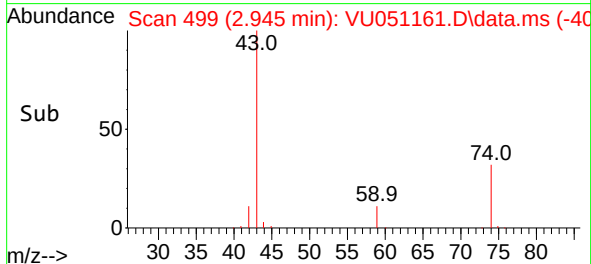
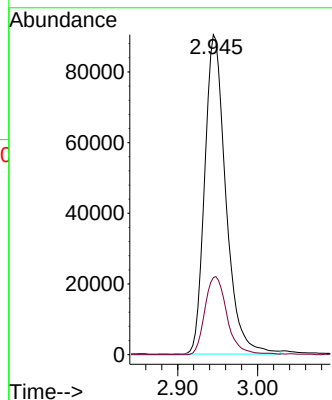
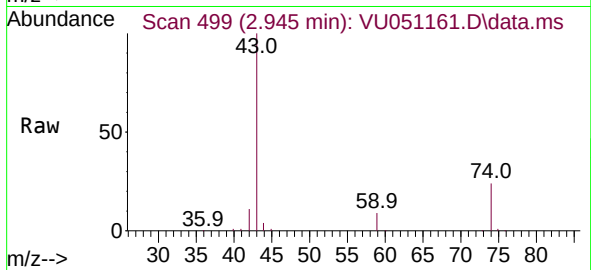




#15
Methyl Acetate
Concen: 39.896 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

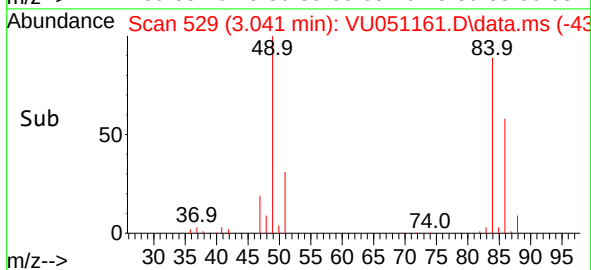
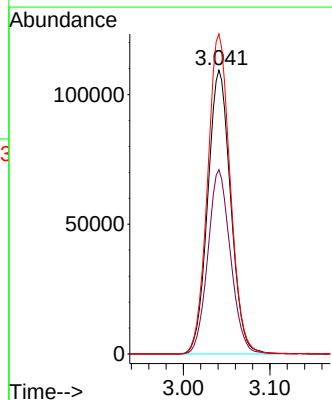
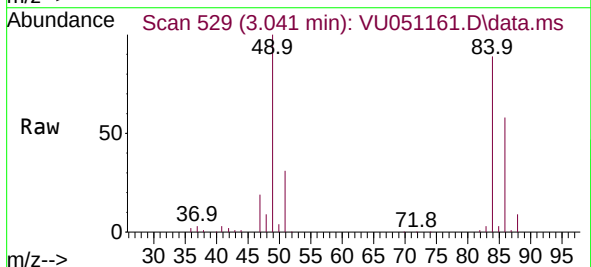
Instrument :
MSVOA_U
ClientSampleId :

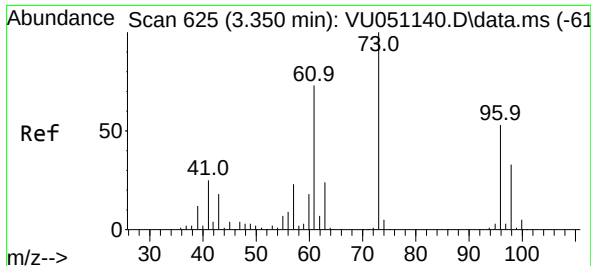
Tgt Ion: 43 Resp: 166204
Ion Ratio Lower Upper
43 100
74 25.5 22.4 33.6



#16
Methylene chloride
Concen: 45.222 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Tgt Ion: 84 Resp: 201257
Ion Ratio Lower Upper
84 100
86 64.9 45.4 84.4
49 112.8 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 48.587 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

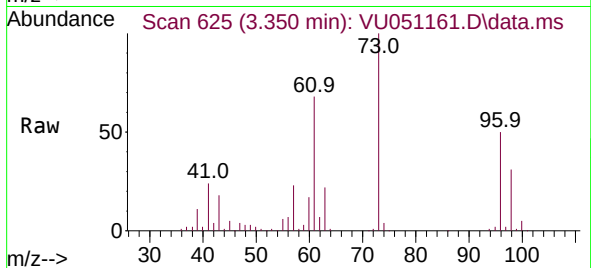
Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

ClientSampleId :



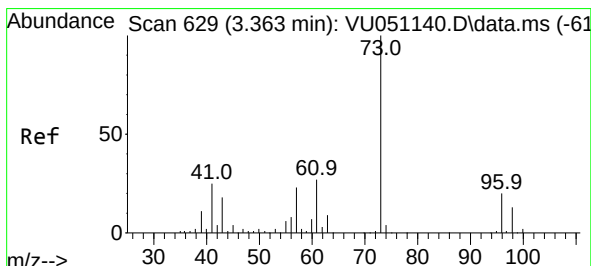
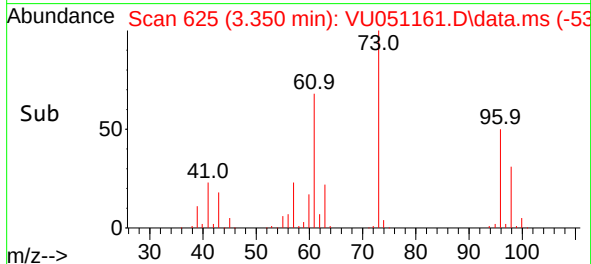
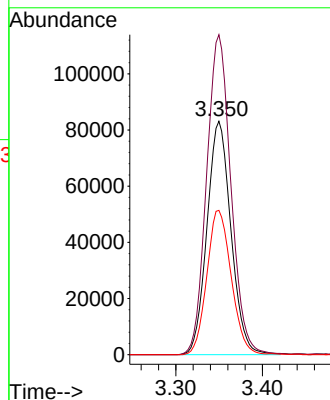
Tgt Ion: 96 Resp: 160245

Ion Ratio Lower Upper

96 100

61 137.0 95.1 176.5

98 61.8 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 53.211 ug/L

RT: 3.363 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

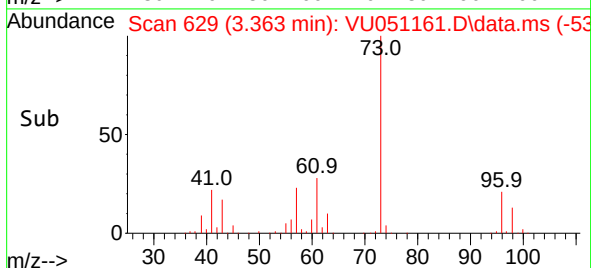
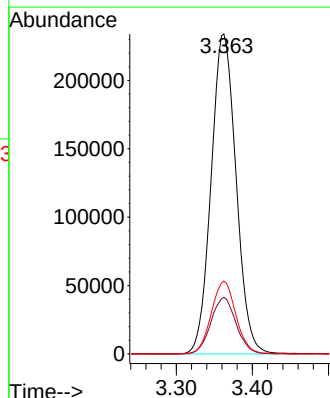
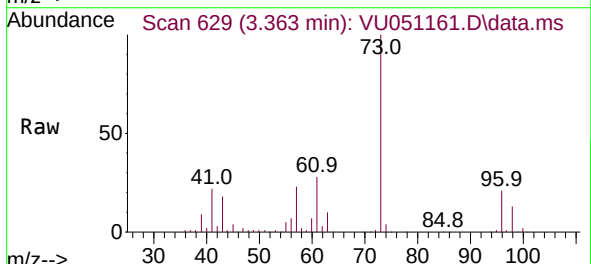
Tgt Ion: 73 Resp: 533331

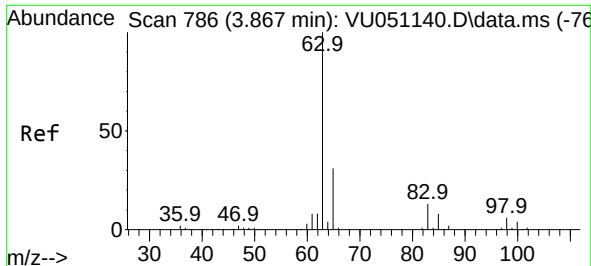
Ion Ratio Lower Upper

73 100

43 17.8 14.7 22.1

57 22.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 52.442 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

ClientSampleId :

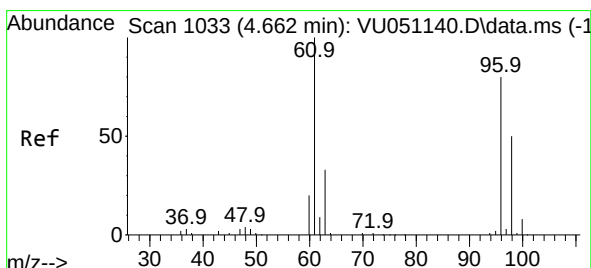
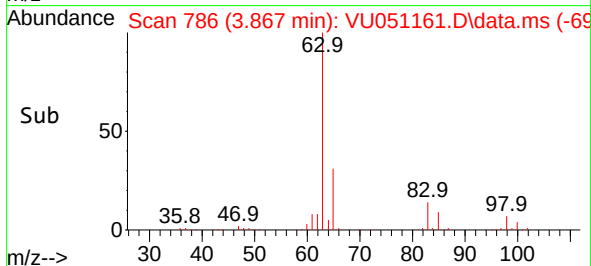
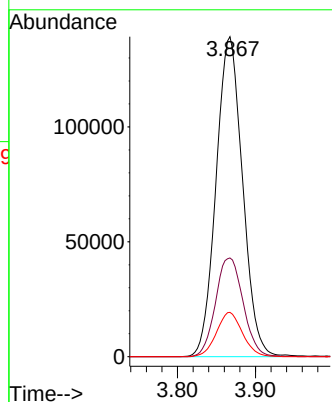
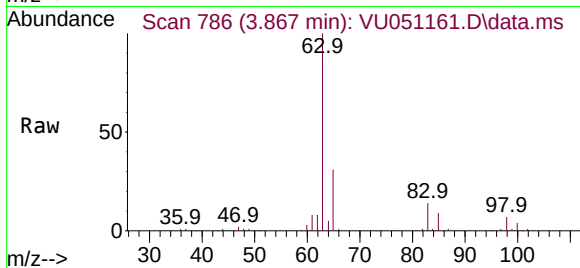
Tgt Ion: 63 Resp: 328548

Ion Ratio Lower Upper

63 100

65 30.9 22.6 42.0

83 13.9 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 51.744 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

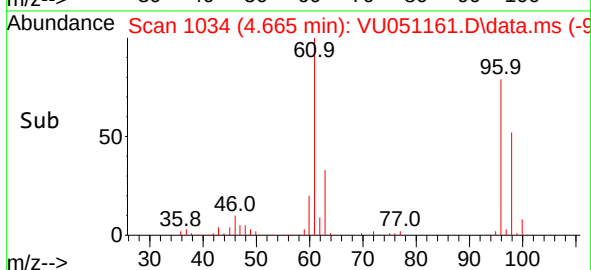
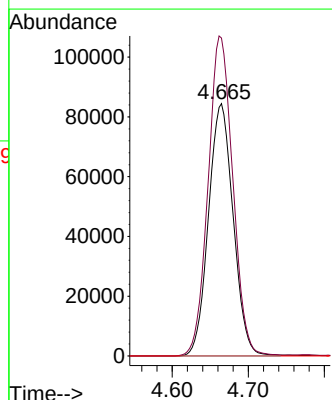
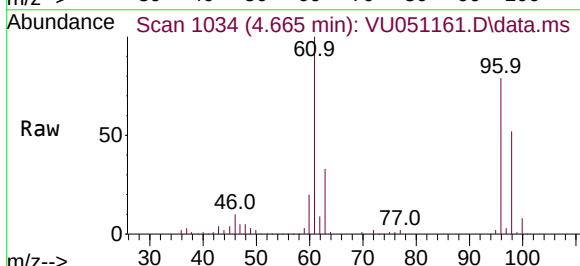
Tgt Ion: 96 Resp: 190548

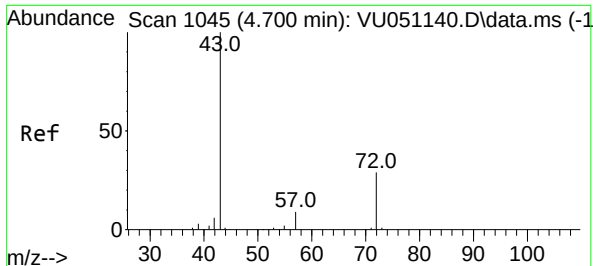
Ion Ratio Lower Upper

96 100

61 126.0 85.4 158.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 97.924 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

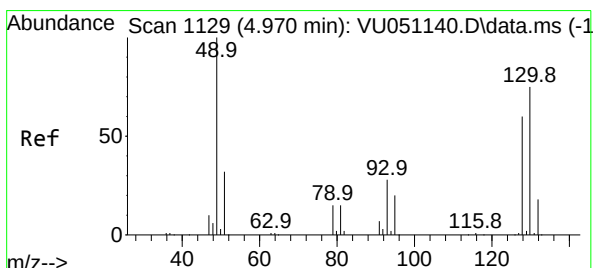
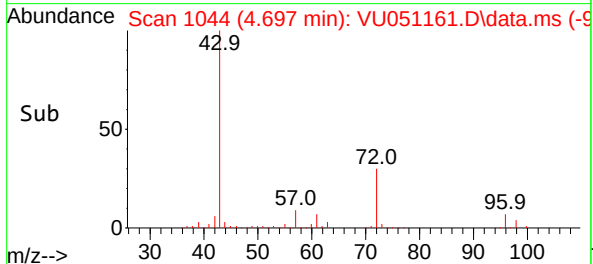
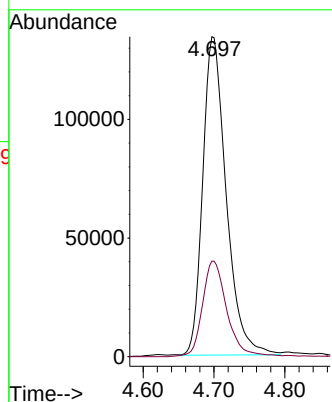
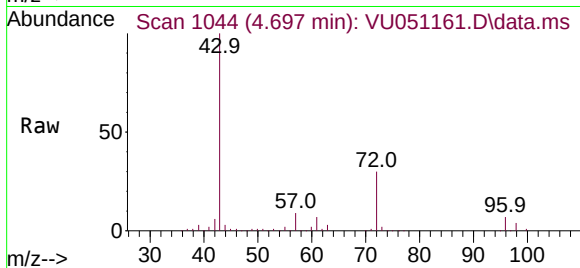
ClientSampleId :

Tgt Ion: 43 Resp: 308721

Ion Ratio Lower Upper

43 100

72 31.0 15.8 47.4



#23

Bromochloromethane

Concen: 50.088 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Tgt Ion:128 Resp: 101064

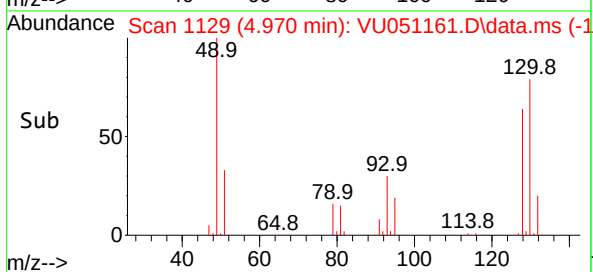
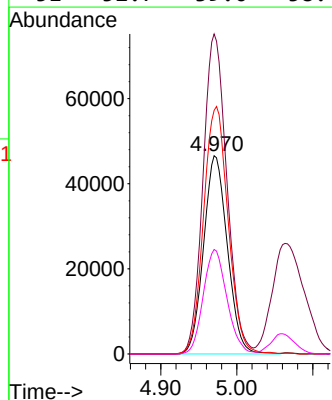
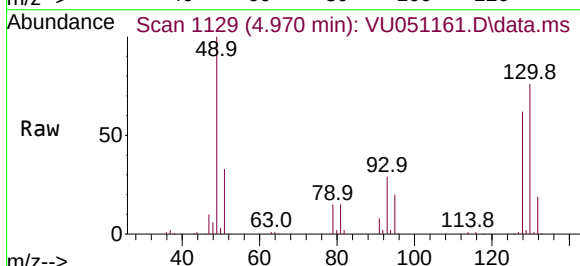
Ion Ratio Lower Upper

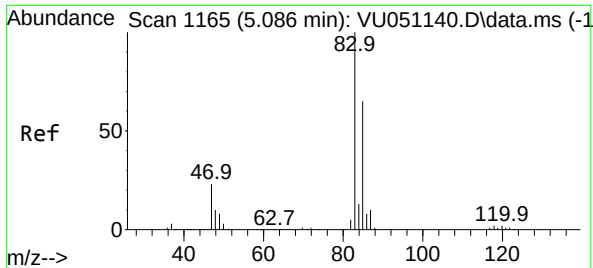
128 100

49 161.4 106.9 198.5

130 122.8 86.2 160.0

51 52.7 39.0 58.4





#25

Chloroform

Concen: 49.229 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

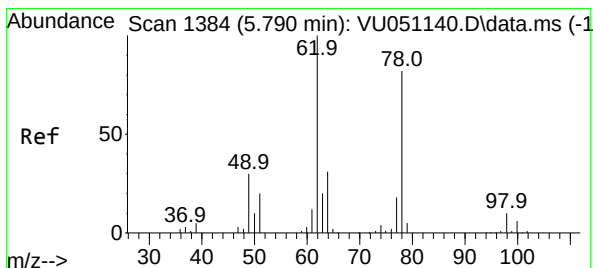
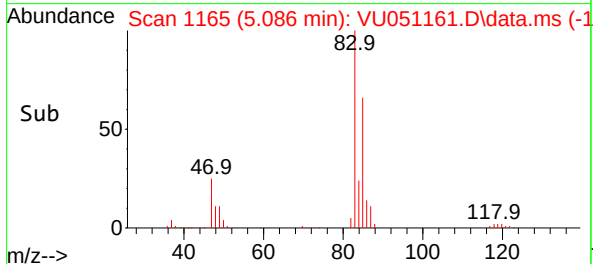
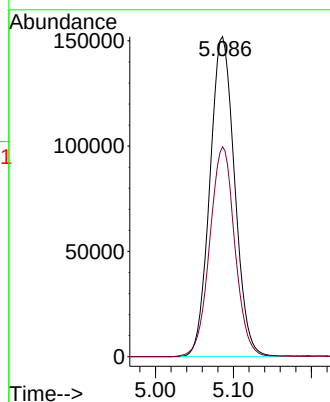
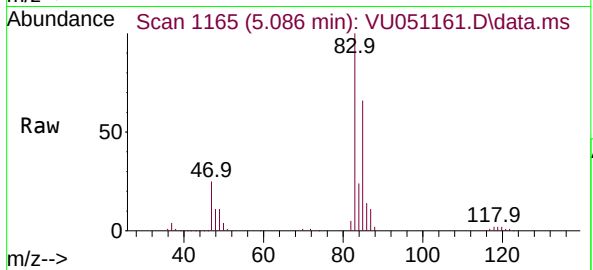
ClientSampleId :

Tgt Ion: 83 Resp: 335469

Ion Ratio Lower Upper

83 100

85 65.6 45.7 84.9



#27

1,2-Dichloroethane

Concen: 49.997 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU051161.D

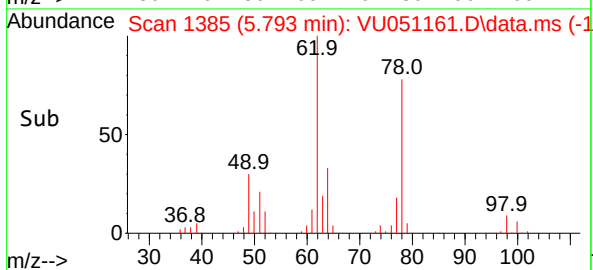
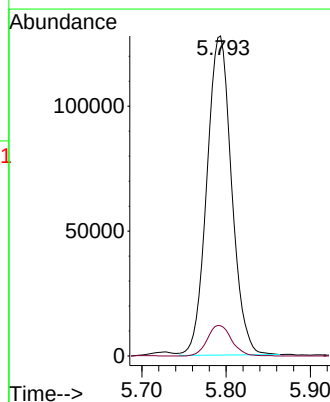
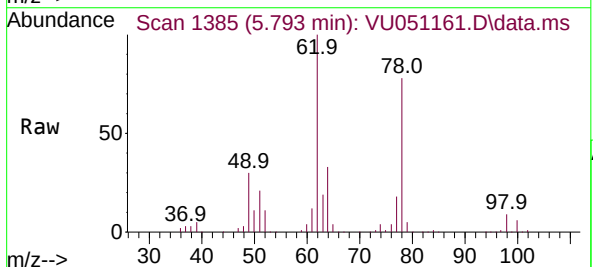
Acq: 06 Oct 2022 05:25

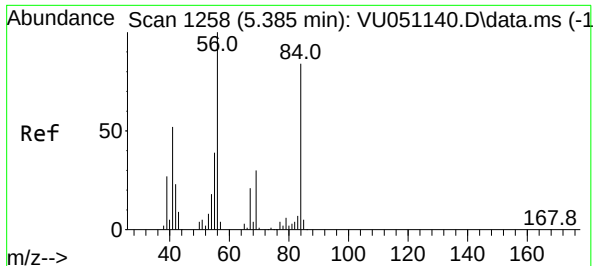
Tgt Ion: 62 Resp: 260991

Ion Ratio Lower Upper

62 100

98 9.5 7.3 10.9





#29

Cyclohexane

Concen: 56.066 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

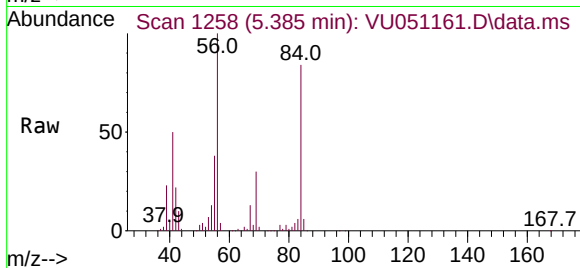
Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

ClientSampleId :



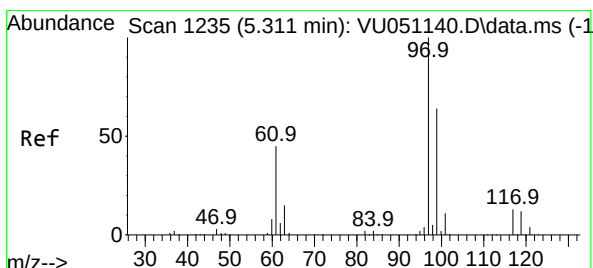
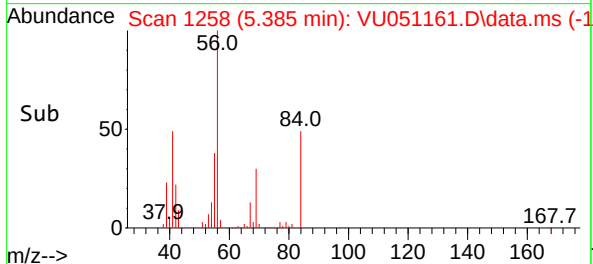
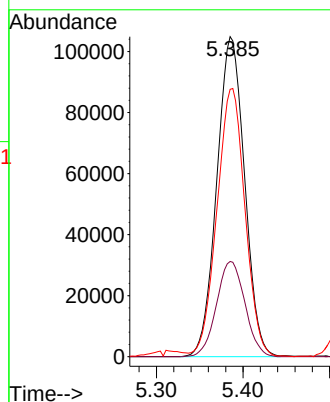
Tgt Ion: 56 Resp: 233532

Ion Ratio Lower Upper

56 100

69 30.4 24.8 37.2

84 84.3 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 50.999 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

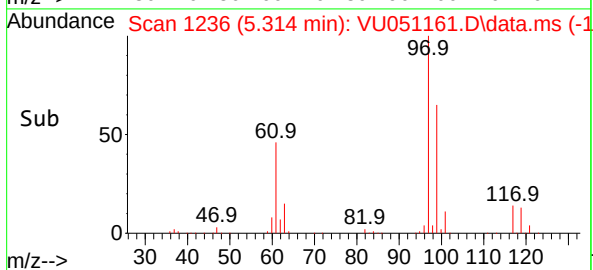
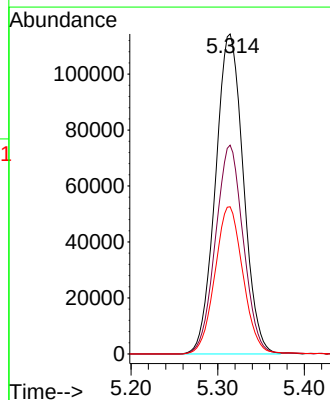
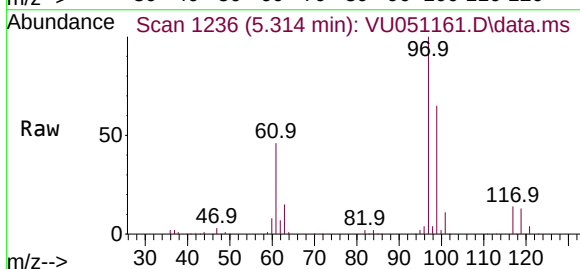
Tgt Ion: 97 Resp: 255859

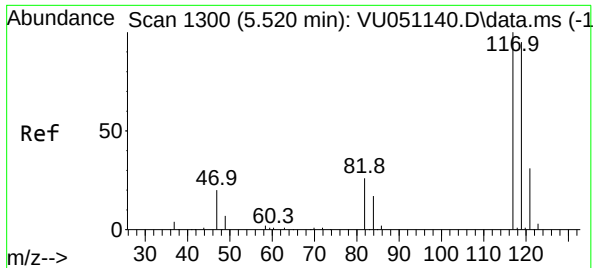
Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.2

61 46.3 36.0 54.0

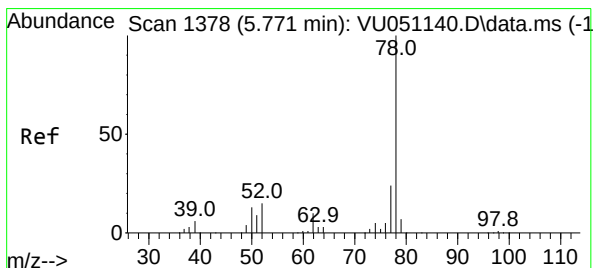
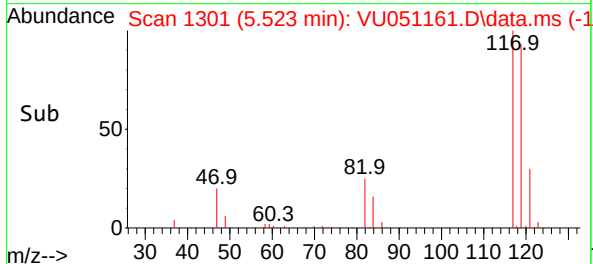
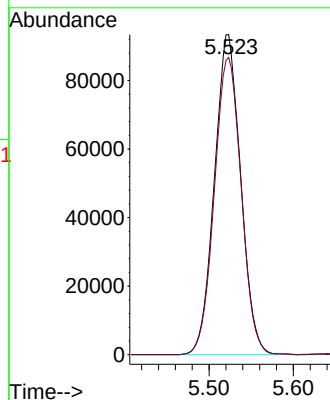
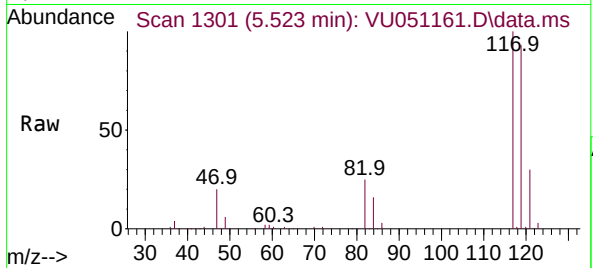




#31
Carbon tetrachloride
Concen: 49.255 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

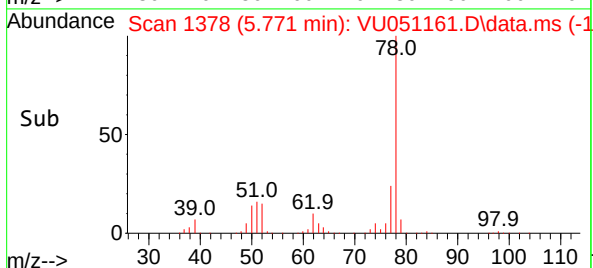
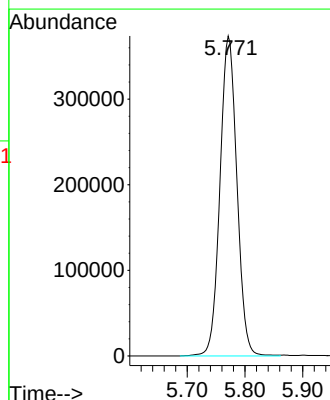
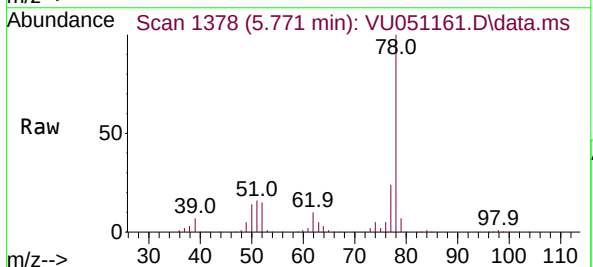
Instrument :
MSVOA_U
ClientSampleId :

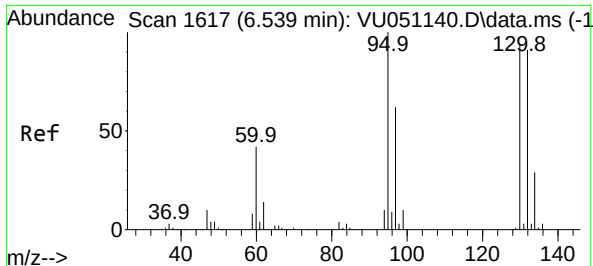
Tgt Ion:117 Resp: 201618
Ion Ratio Lower Upper
117 100
119 95.1 75.7 113.5



#33
Benzene
Concen: 58.322 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Tgt Ion: 78 Resp: 760627





#34

Trichloroethene

Concen: 52.101 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 175992

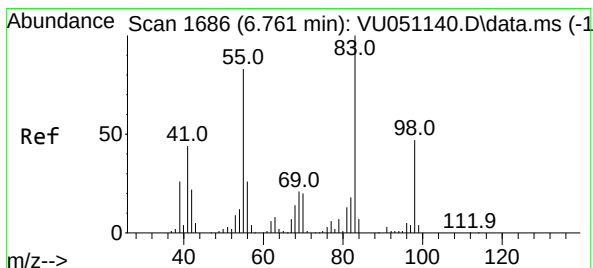
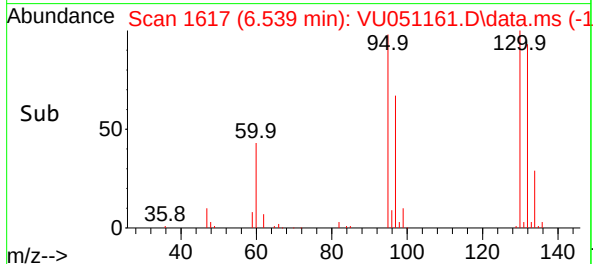
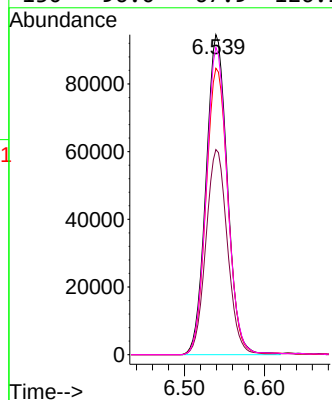
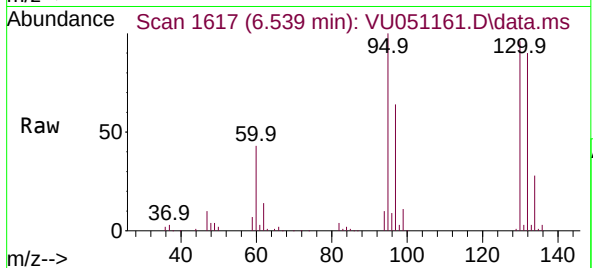
Ion Ratio Lower Upper

95 100

97 64.1 45.9 85.3

132 89.5 64.0 119.0

130 96.0 67.9 126.1



#35

Methylcyclohexane

Concen: 49.188 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

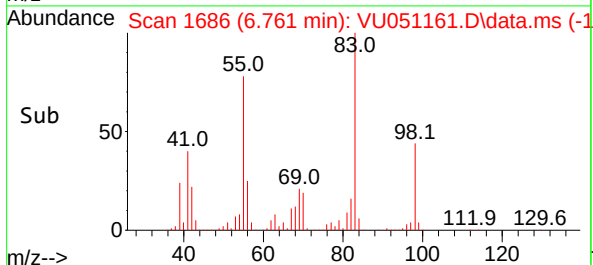
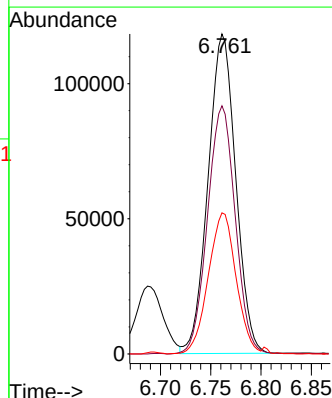
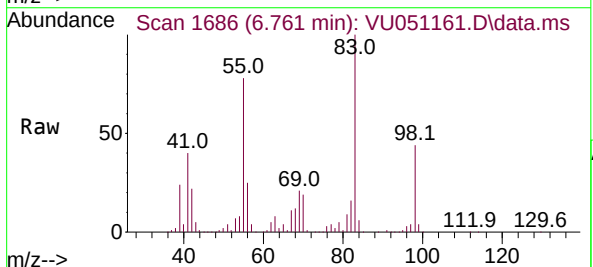
Tgt Ion: 83 Resp: 226143

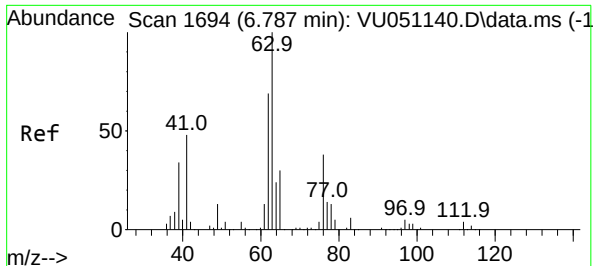
Ion Ratio Lower Upper

83 100

55 78.0 59.3 88.9

98 44.4 36.0 54.0

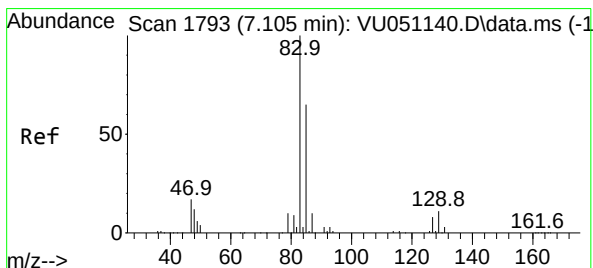
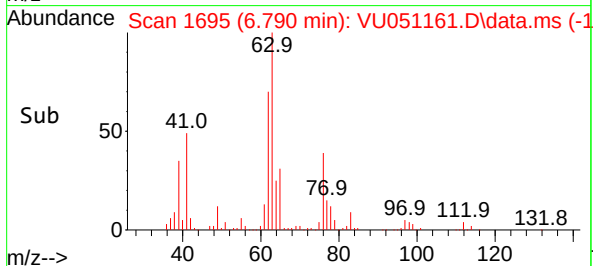
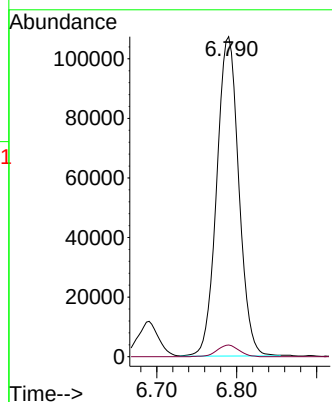
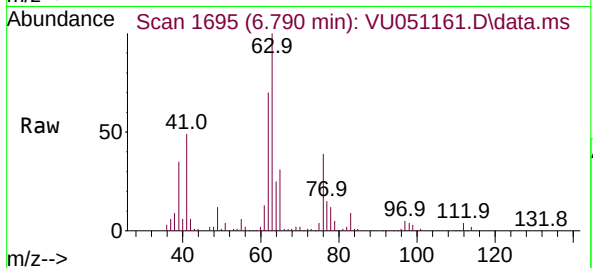




#37
1,2-Dichloropropane
Concen: 58.396 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

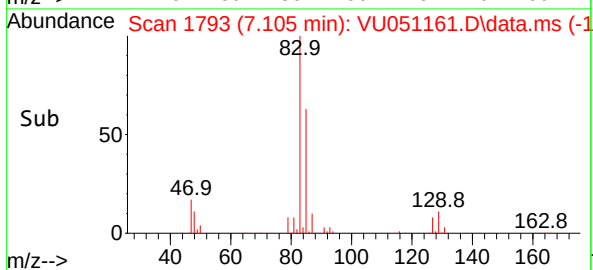
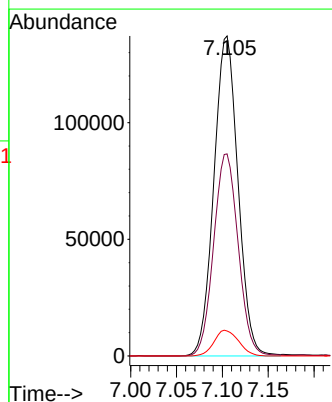
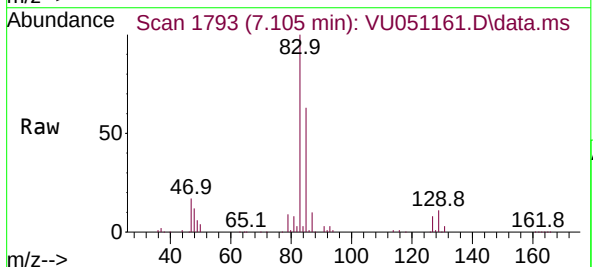
Instrument :
MSVOA_U
ClientSampleId :

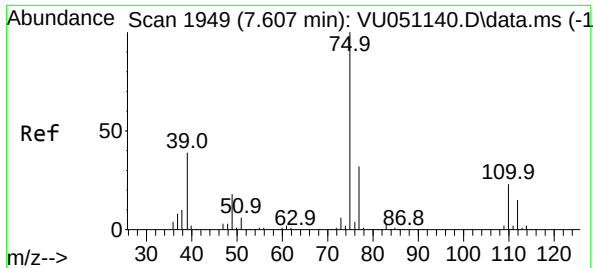
Tgt Ion: 63 Resp: 205089
Ion Ratio Lower Upper
63 100
112 3.6 3.3 4.9



#38
Bromodichloromethane
Concen: 53.556 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Tgt Ion: 83 Resp: 251011
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7
127 7.8 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 53.218 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

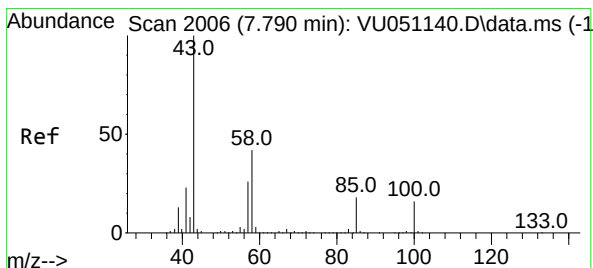
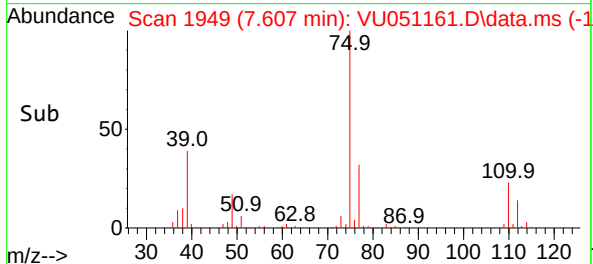
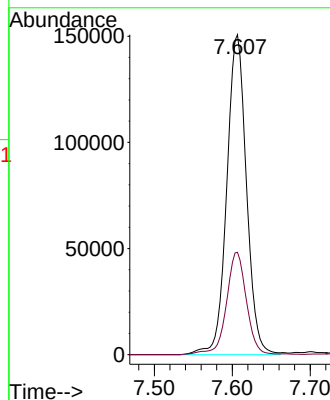
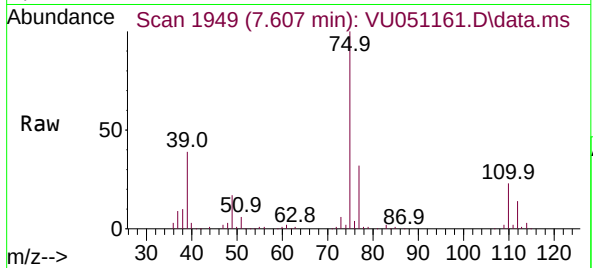
ClientSampleId :

Tgt Ion: 75 Resp: 264697

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 117.041 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

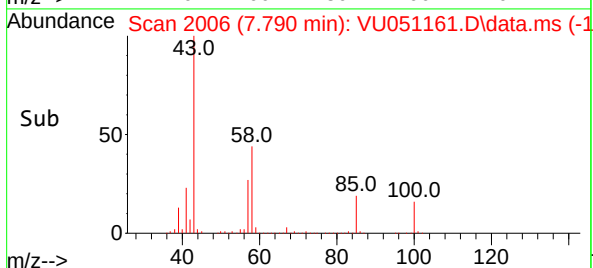
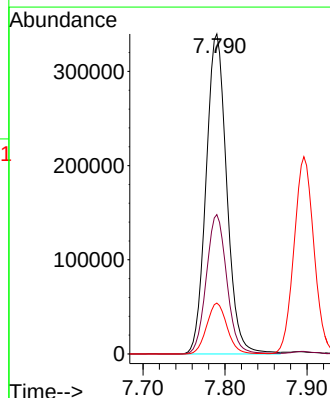
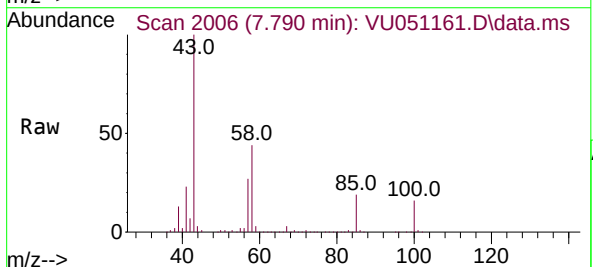
Tgt Ion: 43 Resp: 595281

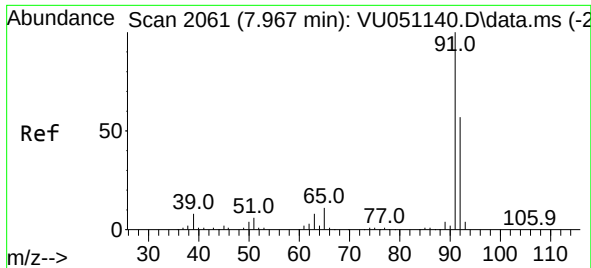
Ion Ratio Lower Upper

43 100

58 43.3 35.0 52.4

100 15.7 13.3 19.9





#42

Toluene

Concen: 65.131 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

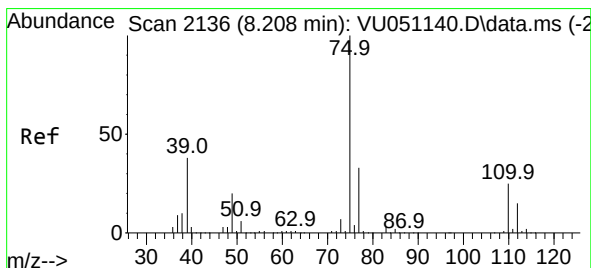
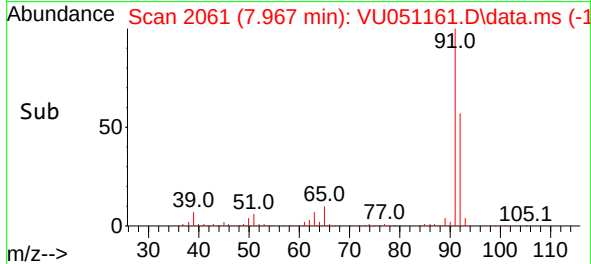
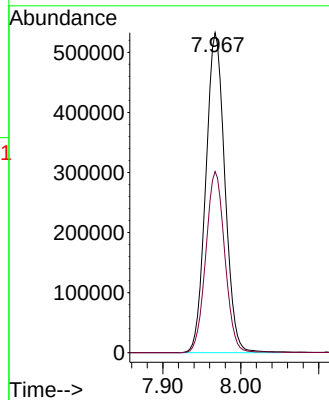
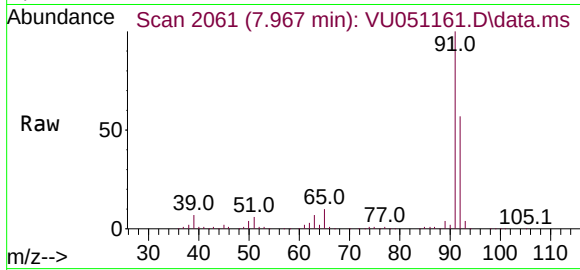
ClientSampleId :

Tgt Ion: 91 Resp: 903498

Ion Ratio Lower Upper

91 100

92 56.6 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 49.128 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051161.D

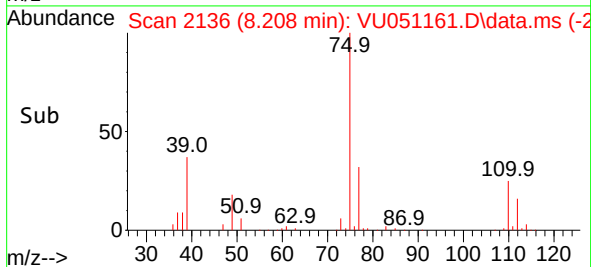
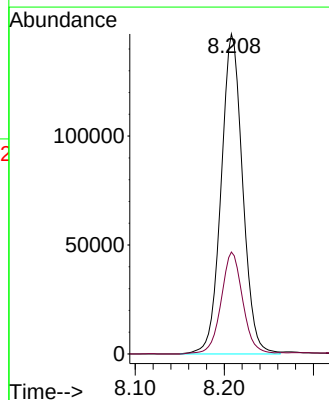
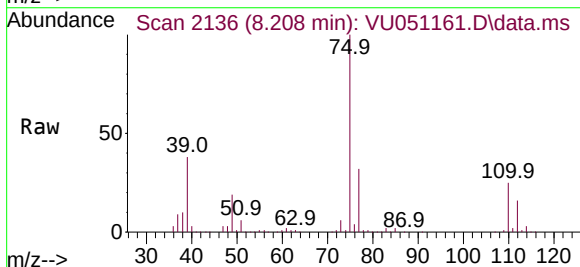
Acq: 06 Oct 2022 05:25

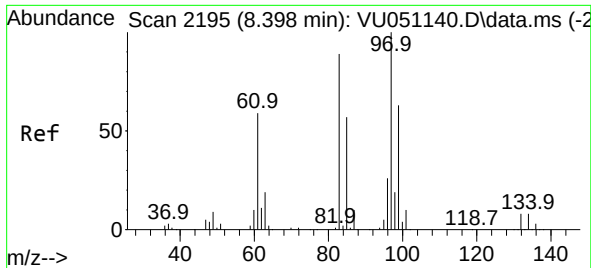
Tgt Ion: 75 Resp: 247065

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.3



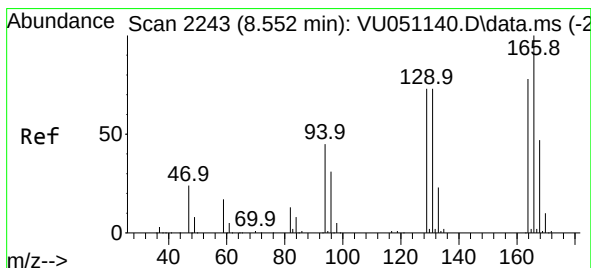
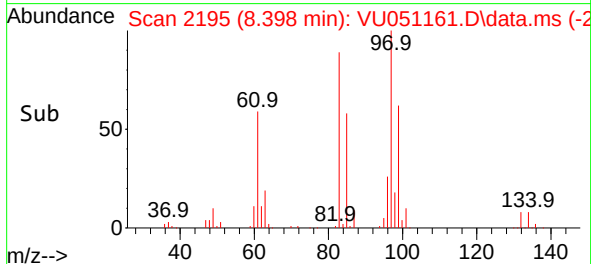
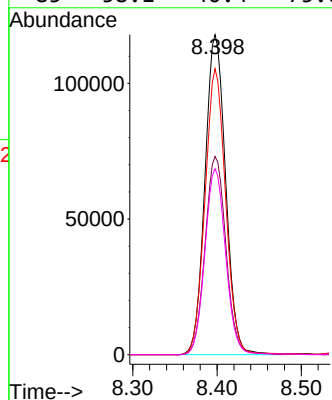
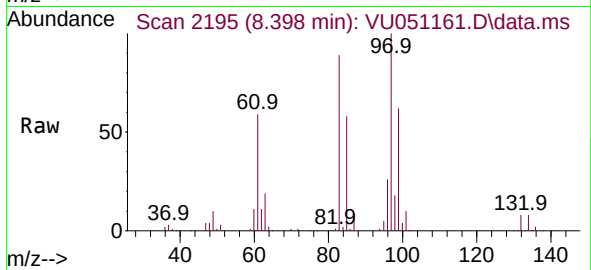


#45
1,1,2-Trichloroethane
Concen: 52.919 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 201310

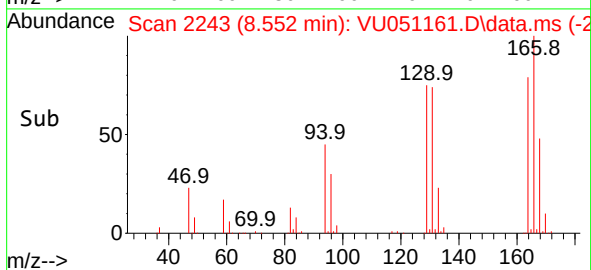
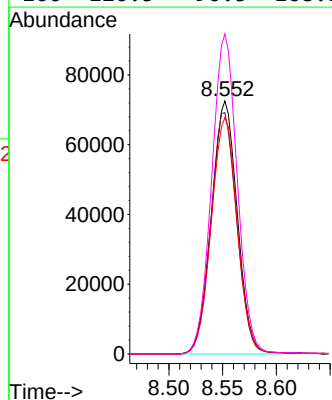
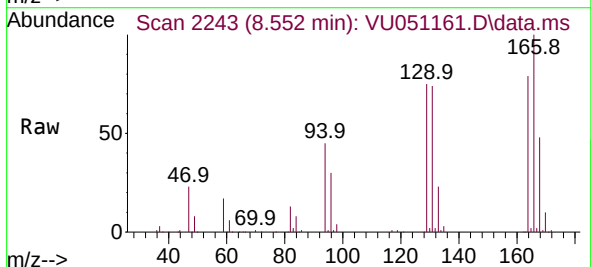
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.4	82.4
83	89.3	61.7	114.5
85	58.1	40.4	75.0

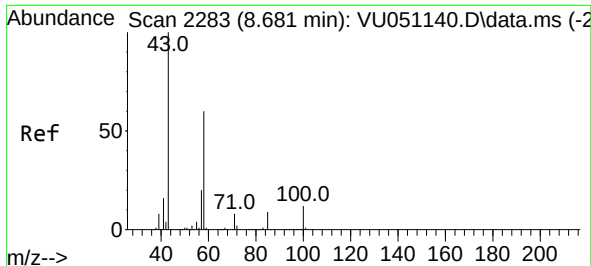


#46
Tetrachloroethene
Concen: 47.399 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Tgt Ion: 164 Resp: 121338

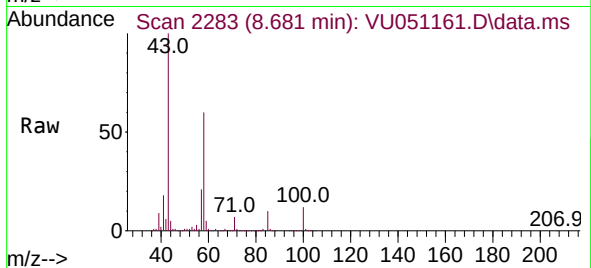
Ion	Ratio	Lower	Upper
164	100		
129	95.4	68.1	126.5
131	93.4	67.8	126.0
166	126.5	90.5	168.1





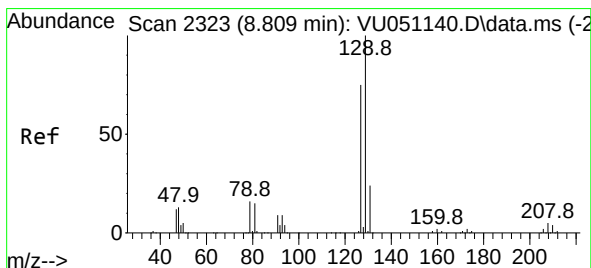
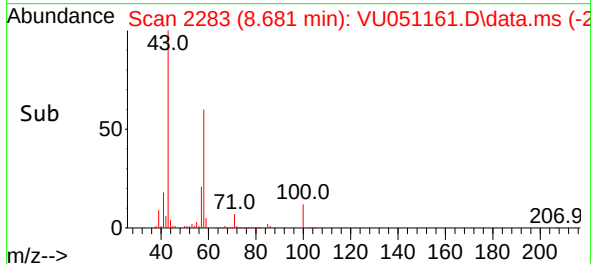
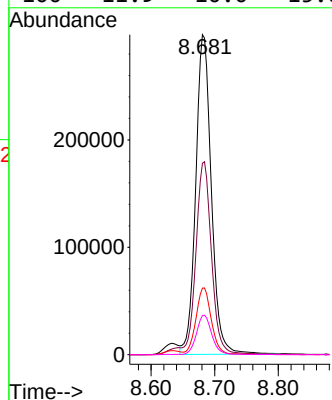
#48
2-Hexanone
Concen: 109.931 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 507847

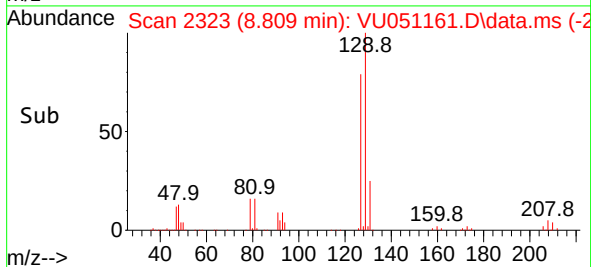
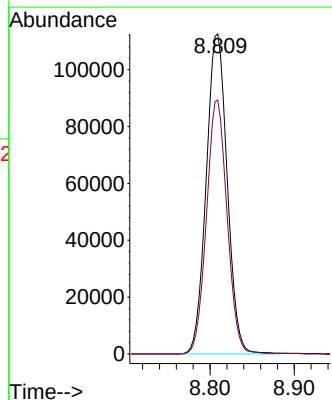
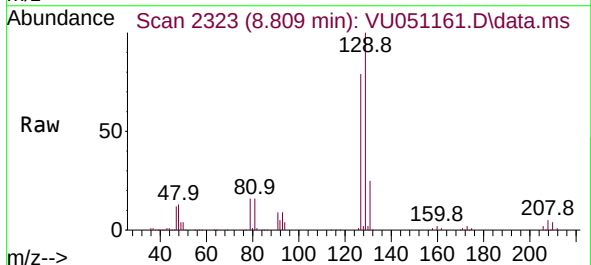
Ion	Ratio	Lower	Upper
43	100		
58	59.4	48.3	72.5
57	20.3	15.9	23.9
100	11.9	10.0	15.0

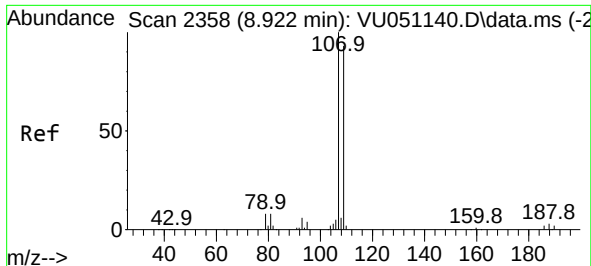


#49
Dibromochloromethane
Concen: 48.752 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Tgt Ion: 129 Resp: 194987

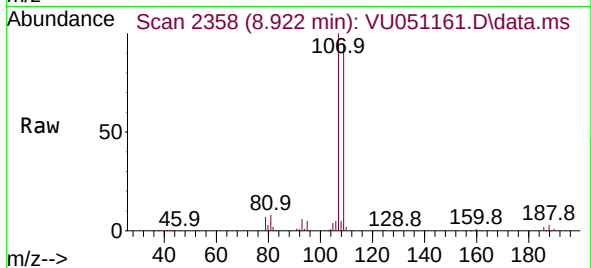
Ion	Ratio	Lower	Upper
129	100		
127	79.3	52.8	98.0



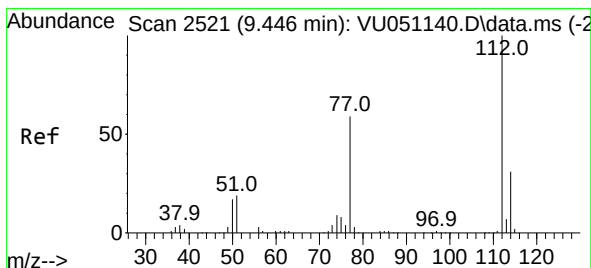
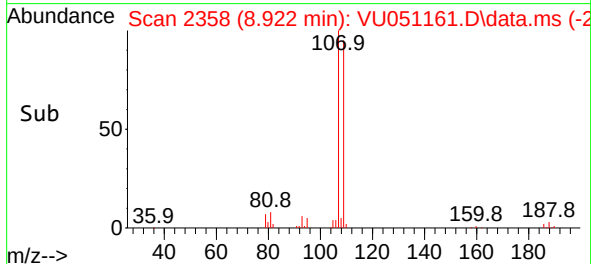
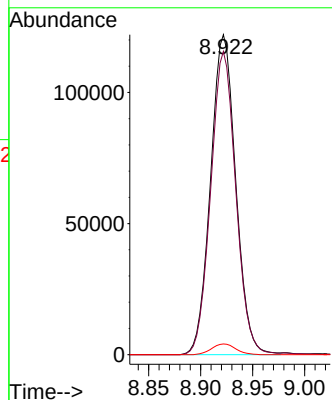


#50
1,2-Dibromoethane
Concen: 49.862 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Instrument :
MSVOA_U
ClientSampleId :

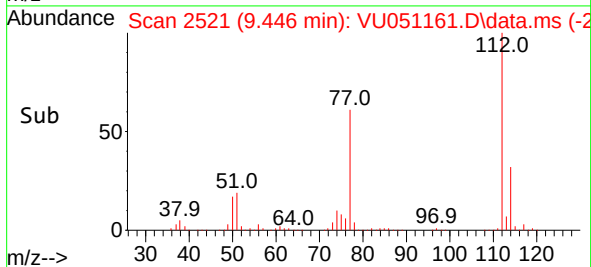
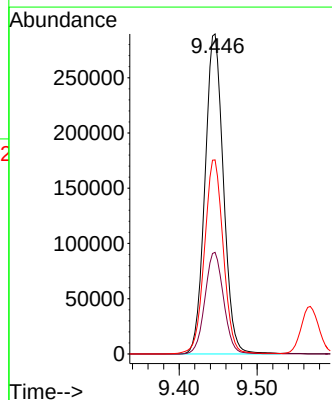
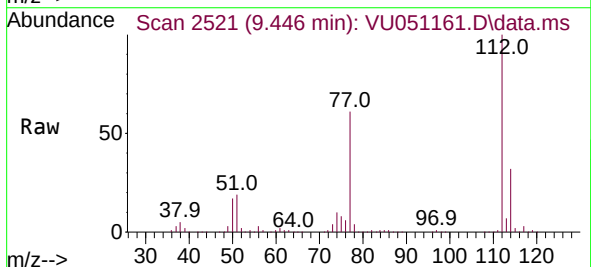


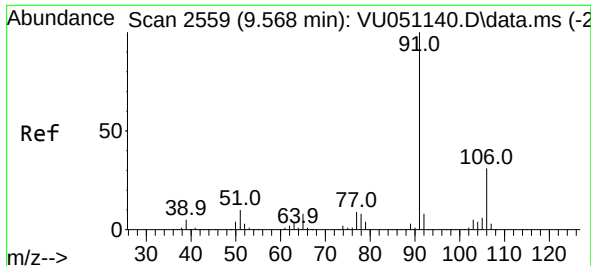
Tgt Ion:107 Resp: 205656
Ion Ratio Lower Upper
107 100
109 94.8 64.1 119.1
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 50.485 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Tgt Ion:112 Resp: 476260
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 60.7 48.2 72.2

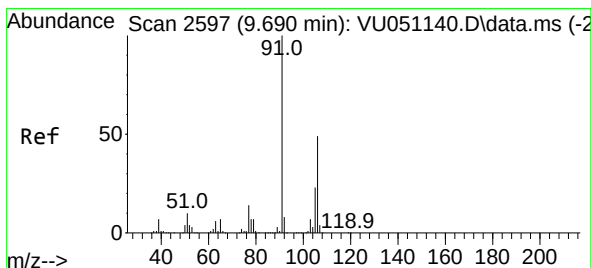
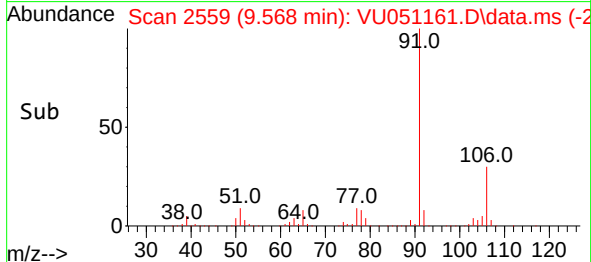
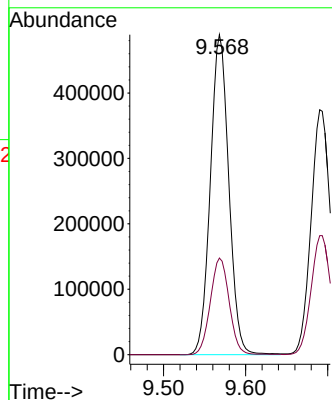
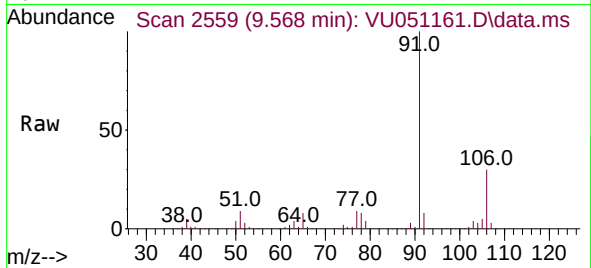




#52
Ethylbenzene
Concen: 51.786 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

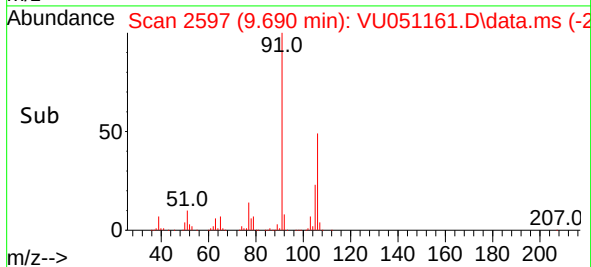
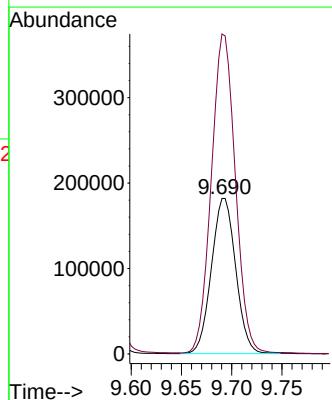
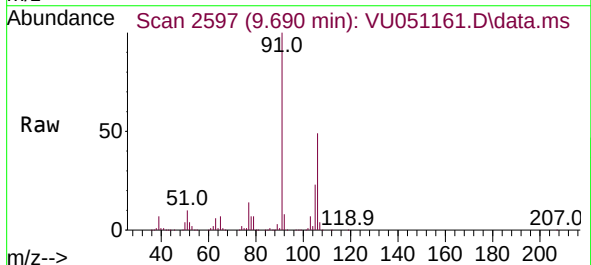
Instrument :
MSVOA_U
ClientSampleId :

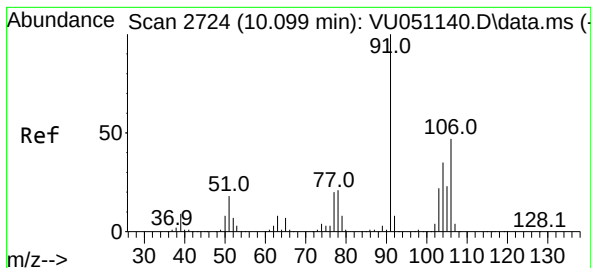
Tgt Ion: 91 Resp: 766262
Ion Ratio Lower Upper
91 100
106 30.2 21.7 40.3



#53
m,p-Xylene
Concen: 54.818 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Tgt Ion: 106 Resp: 305022
Ion Ratio Lower Upper
106 100
91 205.8 141.9 263.5





#54

o-Xylene

Concen: 54.464 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

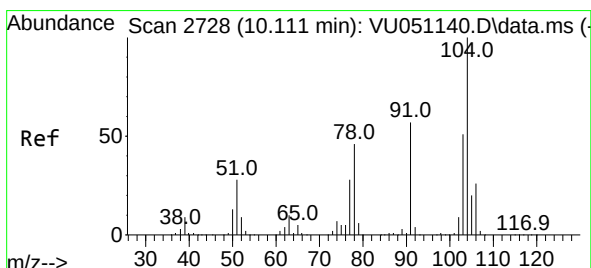
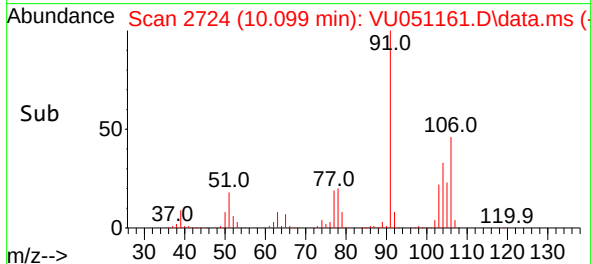
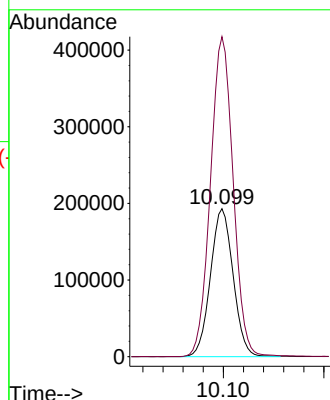
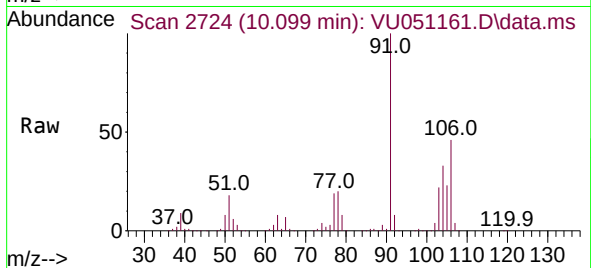
ClientSampleId :

Tgt Ion:106 Resp: 302909

Ion Ratio Lower Upper

106 100

91 216.2 152.4 283.0



#55

Styrene

Concen: 53.669 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.000 min

Lab File: VU051161.D

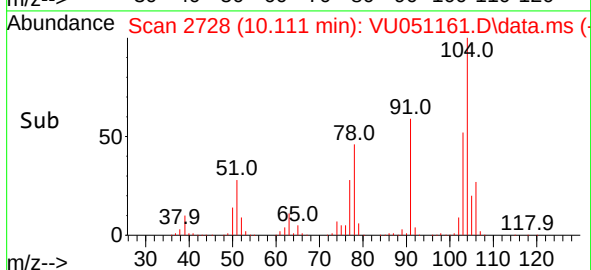
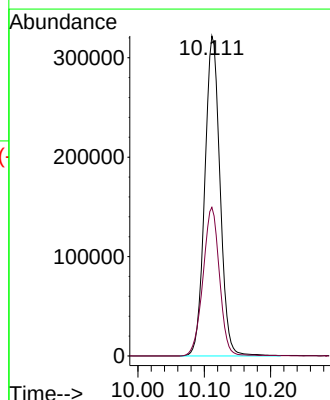
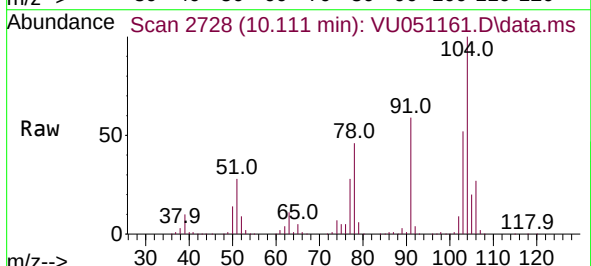
Acq: 06 Oct 2022 05:25

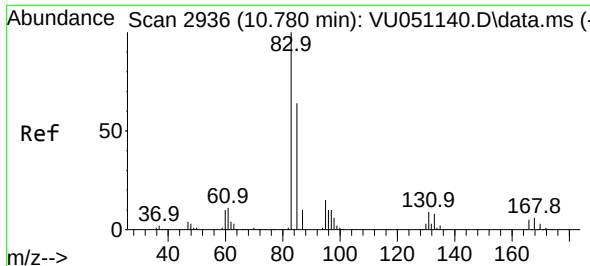
Tgt Ion:104 Resp: 515891

Ion Ratio Lower Upper

104 100

78 46.4 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 53.764 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

ClientSampleId :

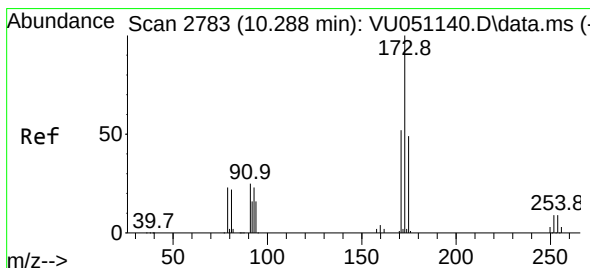
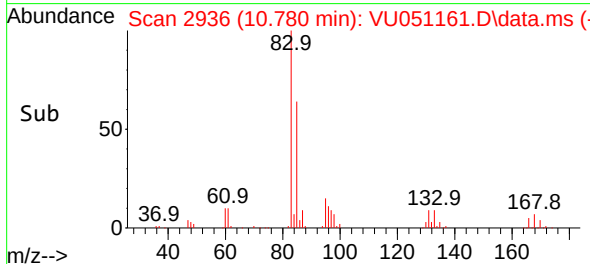
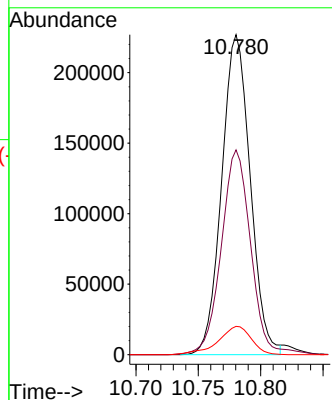
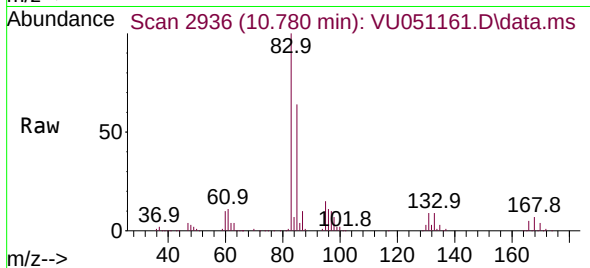
Tgt Ion: 83 Resp: 361972

Ion Ratio Lower Upper

83 100

85 64.0 44.7 83.1

131 8.9 7.0 10.4



#59

Bromoform

Concen: 48.086 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

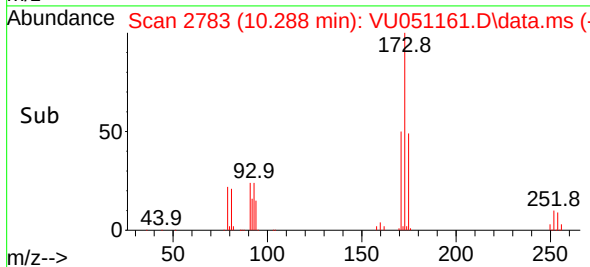
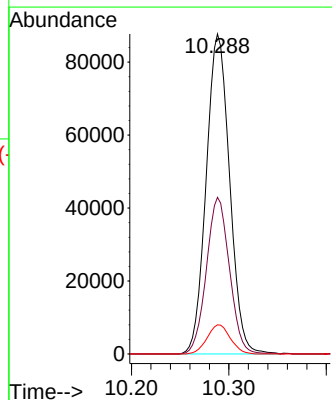
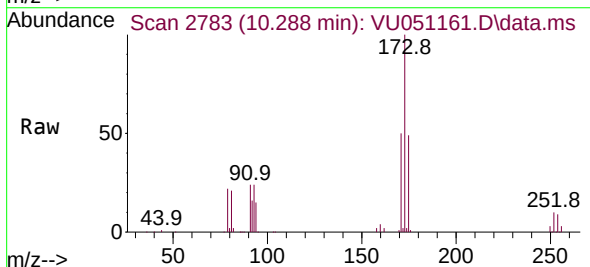
Tgt Ion:173 Resp: 146271

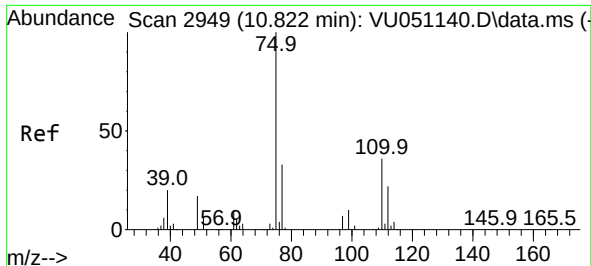
Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.0

254 9.0 7.4 11.0

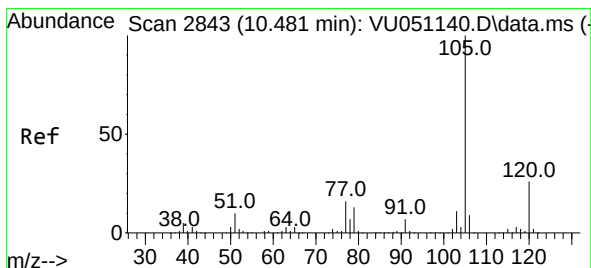
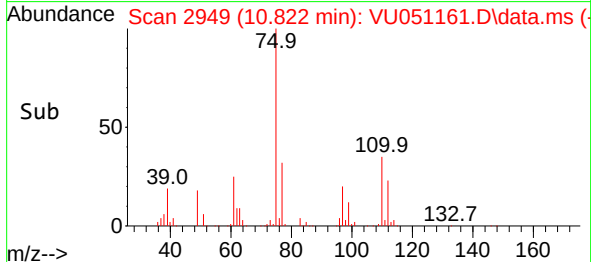
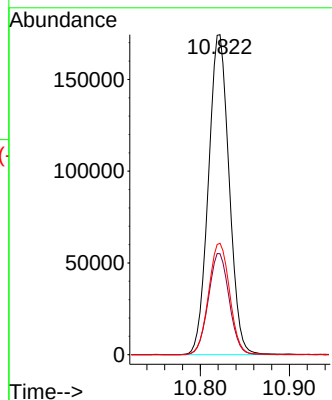
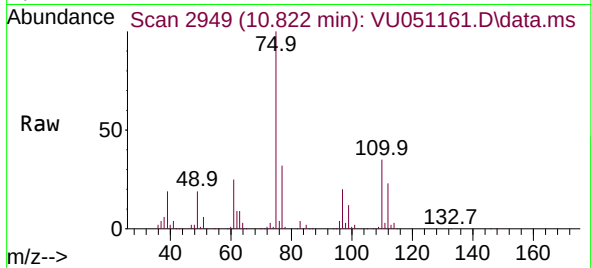




#60
1,2,3-Trichloropropane
Concen: 51.718 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

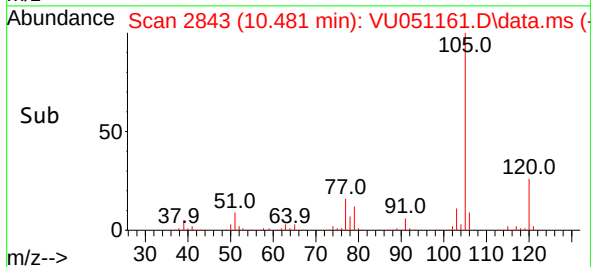
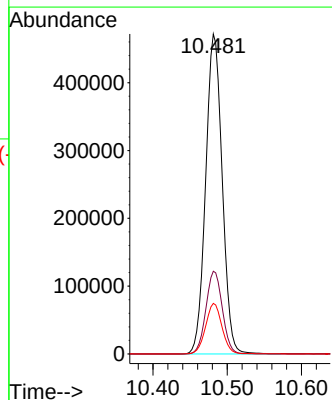
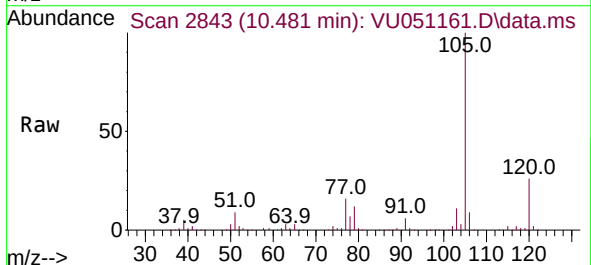
Instrument :
MSVOA_U
ClientSampleId :

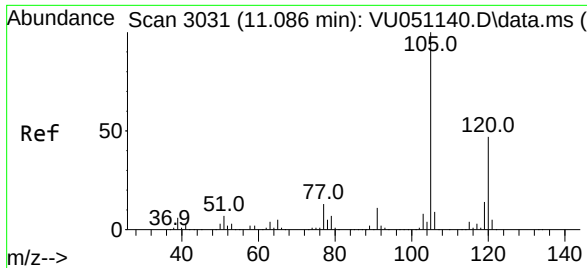
Tgt Ion: 75 Resp: 281370
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
110 35.4 30.0 45.0



#61
Isopropylbenzene
Concen: 54.180 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Tgt Ion: 105 Resp: 727632
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7
77 15.6 12.8 19.2

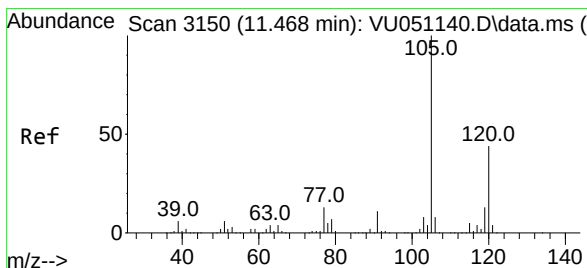
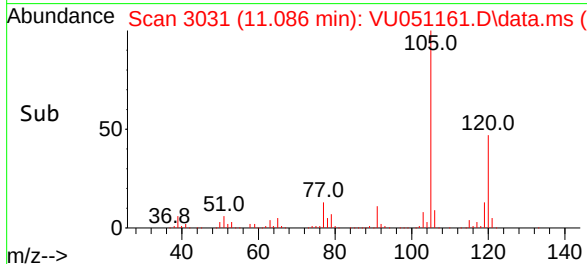
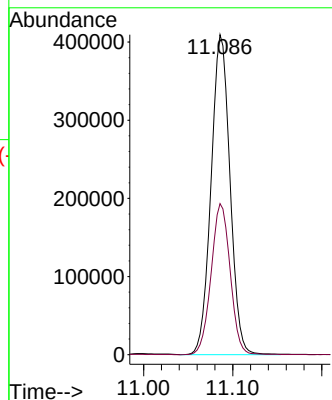
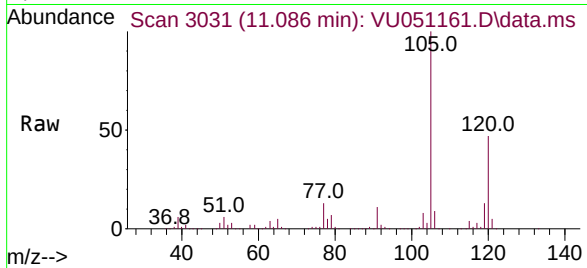




#62
 1,3,5-Trimethylbenzene
 Concen: 54.970 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051161.D
 Acq: 06 Oct 2022 05:25

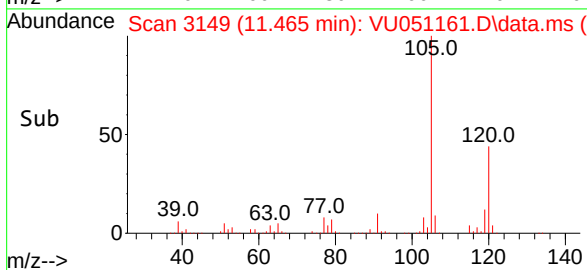
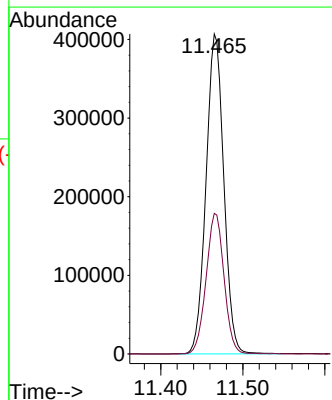
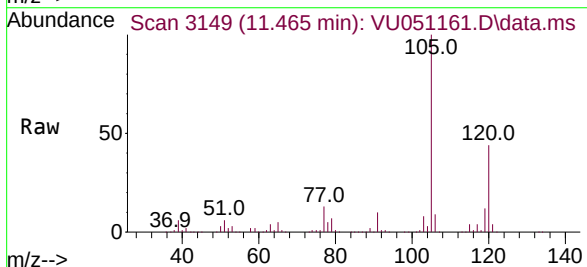
Instrument :
 MSVOA_U
 ClientSampleId :

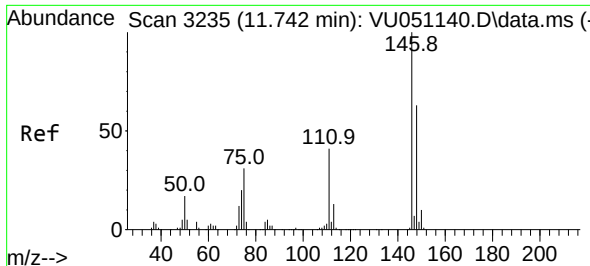
Tgt Ion:105 Resp: 603665
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 55.492 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051161.D
 Acq: 06 Oct 2022 05:25

Tgt Ion:105 Resp: 610782
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.5 53.3

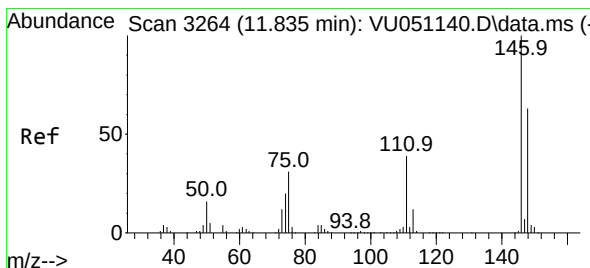
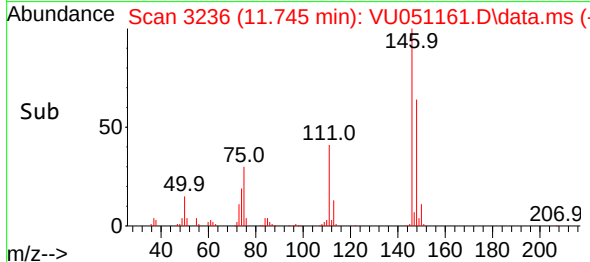
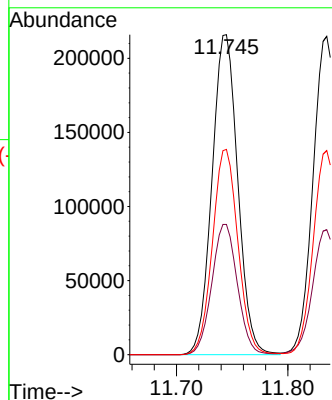
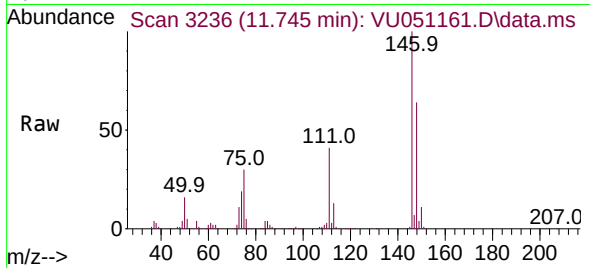




#64
 1,3-Dichlorobenzene
 Concen: 50.175 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU051161.D
 Acq: 06 Oct 2022 05:25

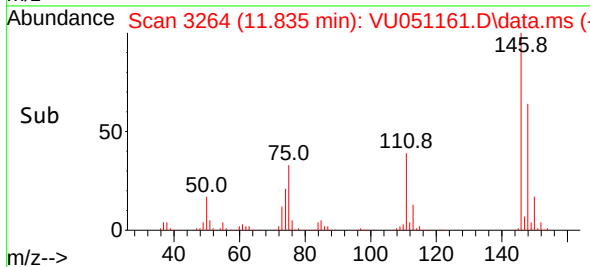
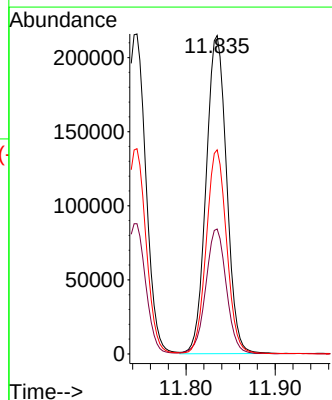
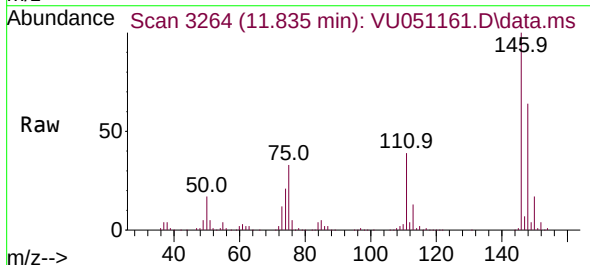
Instrument :
 MSVOA_U
 ClientSampleId :

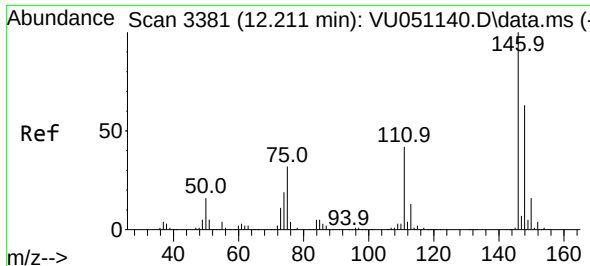
Tgt Ion:146 Resp: 347384
 Ion Ratio Lower Upper
 146 100
 111 40.7 28.2 52.4
 148 64.1 43.5 80.9



#65
 1,4-Dichlorobenzene
 Concen: 49.512 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU051161.D
 Acq: 06 Oct 2022 05:25

Tgt Ion:146 Resp: 342662
 Ion Ratio Lower Upper
 146 100
 111 39.2 27.0 50.2
 148 64.1 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 51.213 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

Instrument :

MSVOA_U

ClientSampleId :

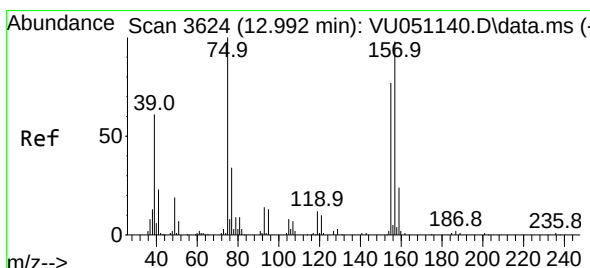
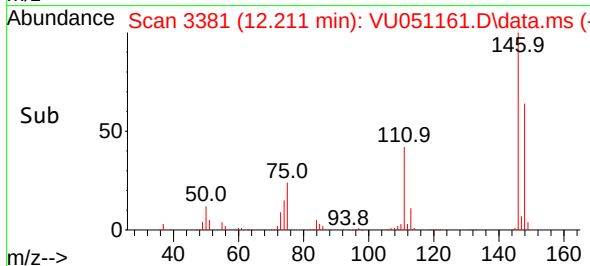
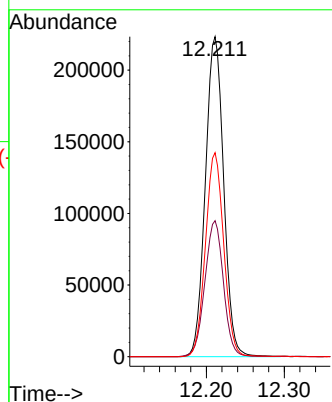
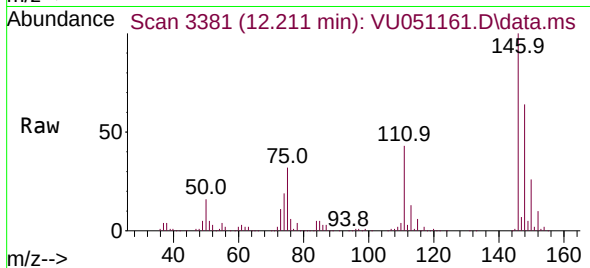
Tgt Ion:146 Resp: 364295

Ion Ratio Lower Upper

146 100

111 42.5 33.7 50.5

148 63.8 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 45.454 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051161.D

Acq: 06 Oct 2022 05:25

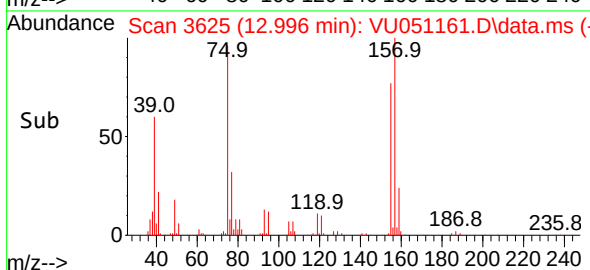
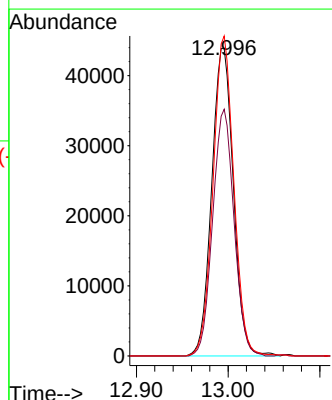
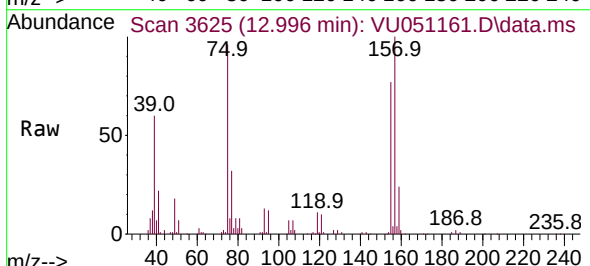
Tgt Ion: 75 Resp: 72166

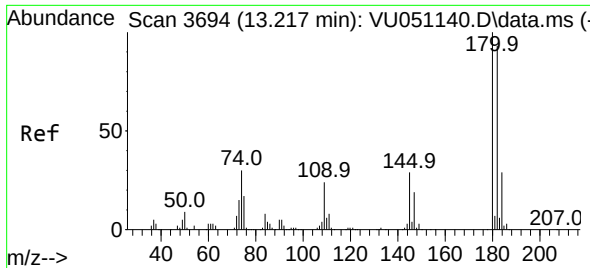
Ion Ratio Lower Upper

75 100

155 80.3 64.4 96.6

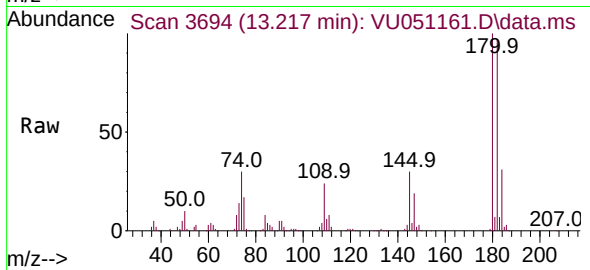
157 104.1 82.2 123.2



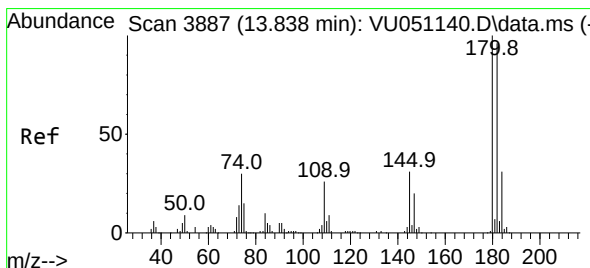
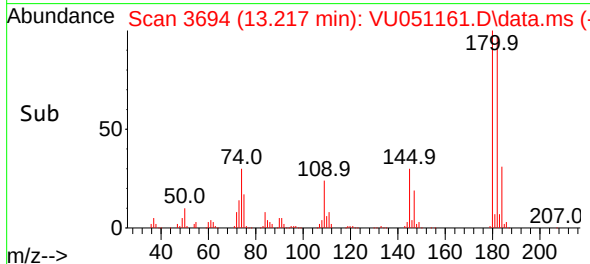
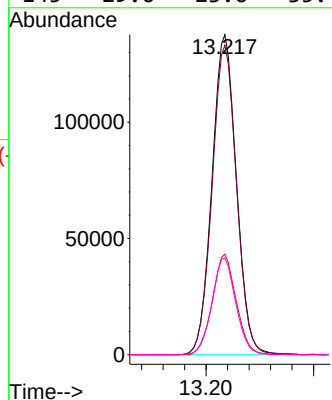


#69
 1,3,5-Trichlorobenzene
 Concen: 46.083 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU051161.D
 Acq: 06 Oct 2022 05:25

Instrument :
 MSVOA_U
 ClientSampleId :

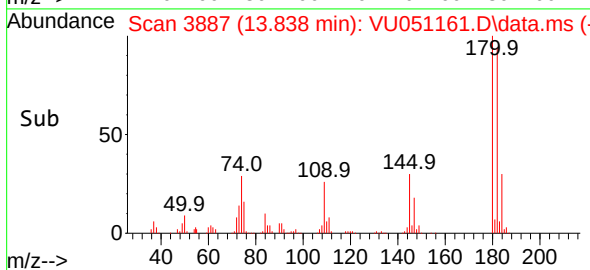
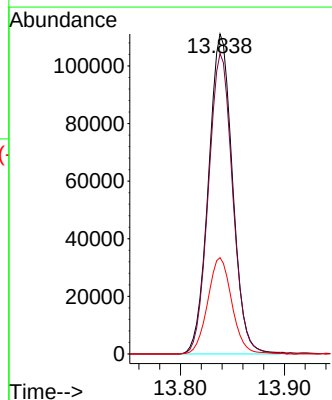
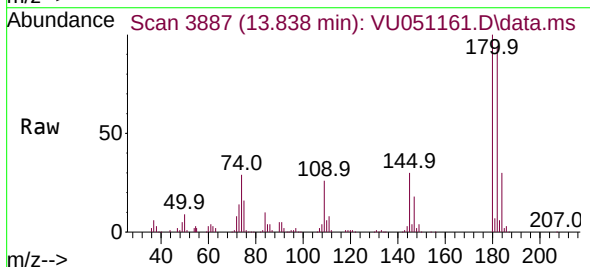


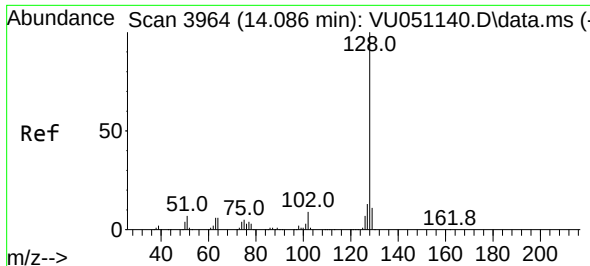
Tgt Ion:180 Resp: 216357
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.0 115.4
 184 30.7 24.4 36.6
 145 29.6 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 46.459 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051161.D
 Acq: 06 Oct 2022 05:25

Tgt Ion:180 Resp: 178466
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.9 113.9
 145 30.2 24.0 36.0

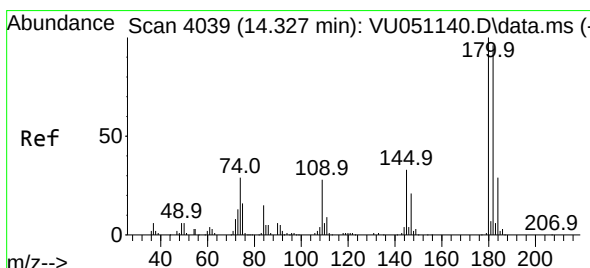
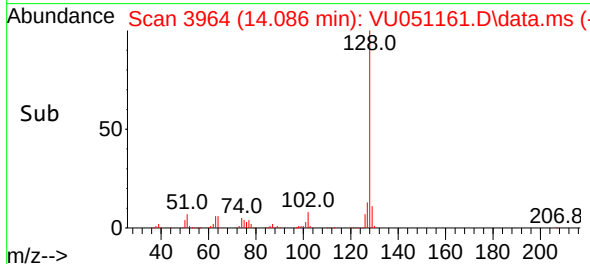
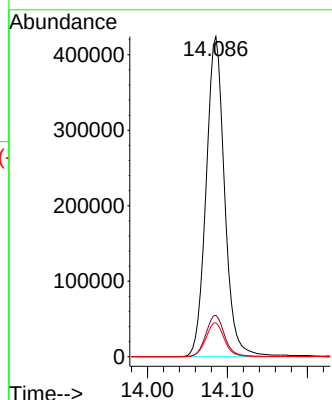
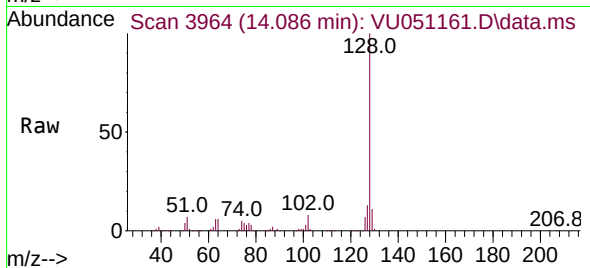




#71
Naphthalene
Concen: 49.643 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 682548
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.671 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051161.D
Acq: 06 Oct 2022 05:25

Tgt Ion:180 Resp: 204341
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
145 32.1 26.1 39.1

