

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051467.D
 Acq On : 20 Oct 2022 12:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 22:02:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	564367	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	536083	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	273032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	189293	42.271	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.540%
7) Chloroethane-d5	1.909	69	158588	42.987	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.980%
11) 1,1-Dichloroethene-d2	2.568	63	336963	44.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.400%
21) 2-Butanone-d5	4.616	46	304161	96.354	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.350%
24) Chloroform-d	5.060	84	361011	43.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.780%
26) 1,2-Dichloroethane-d4	5.700	65	223539	43.715	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.440%
32) Benzene-d6	5.726	84	728071	50.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.300%
36) 1,2-Dichloropropane-d6	6.690	67	235834	49.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.940%
41) Toluene-d8	7.896	98	677870	51.228	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.460%
43) trans-1,3-Dichloroprop...	8.176	79	106531	52.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.960%
47) 2-Hexanone-d5	8.629	63	205560	98.169	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.170%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	371944	44.911	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.820%
66) 1,2-Dichlorobenzene-d4	12.192	152	247564	48.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	215124	43.615	ug/L	99
3) Chloromethane	1.523	50	272451	43.218	ug/L	98
5) Vinyl chloride	1.604	62	267987	42.952	ug/L	100
6) Bromomethane	1.851	94	170866	52.689	ug/L	99
8) Chloroethane	1.932	64	164898	44.224	ug/L	100
9) Trichlorofluoromethane	2.137	101	317100	43.929	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	195270	44.259	ug/L	99
12) 1,1-Dichloroethene	2.578	96	184712	44.163	ug/L	96
13) Acetone	2.620	43	265386	73.780	ug/L	98
14) Carbon disulfide	2.793	76	597187	43.837	ug/L	100
15) Methyl Acetate	2.945	43	255106	46.896	ug/L	100
16) Methylene chloride	3.044	84	244437	44.523	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	197720	45.966	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	619721	50.382	ug/L	100
19) 1,1-Dichloroethane	3.867	63	381330	44.946	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	225257	47.999	ug/L	97
22) 2-Butanone	4.697	43	375678	89.992	ug/L	99
23) Bromochloromethane	4.973	128	117815	44.746	ug/L	98
25) Chloroform	5.086	83	394072	45.053	ug/L	100

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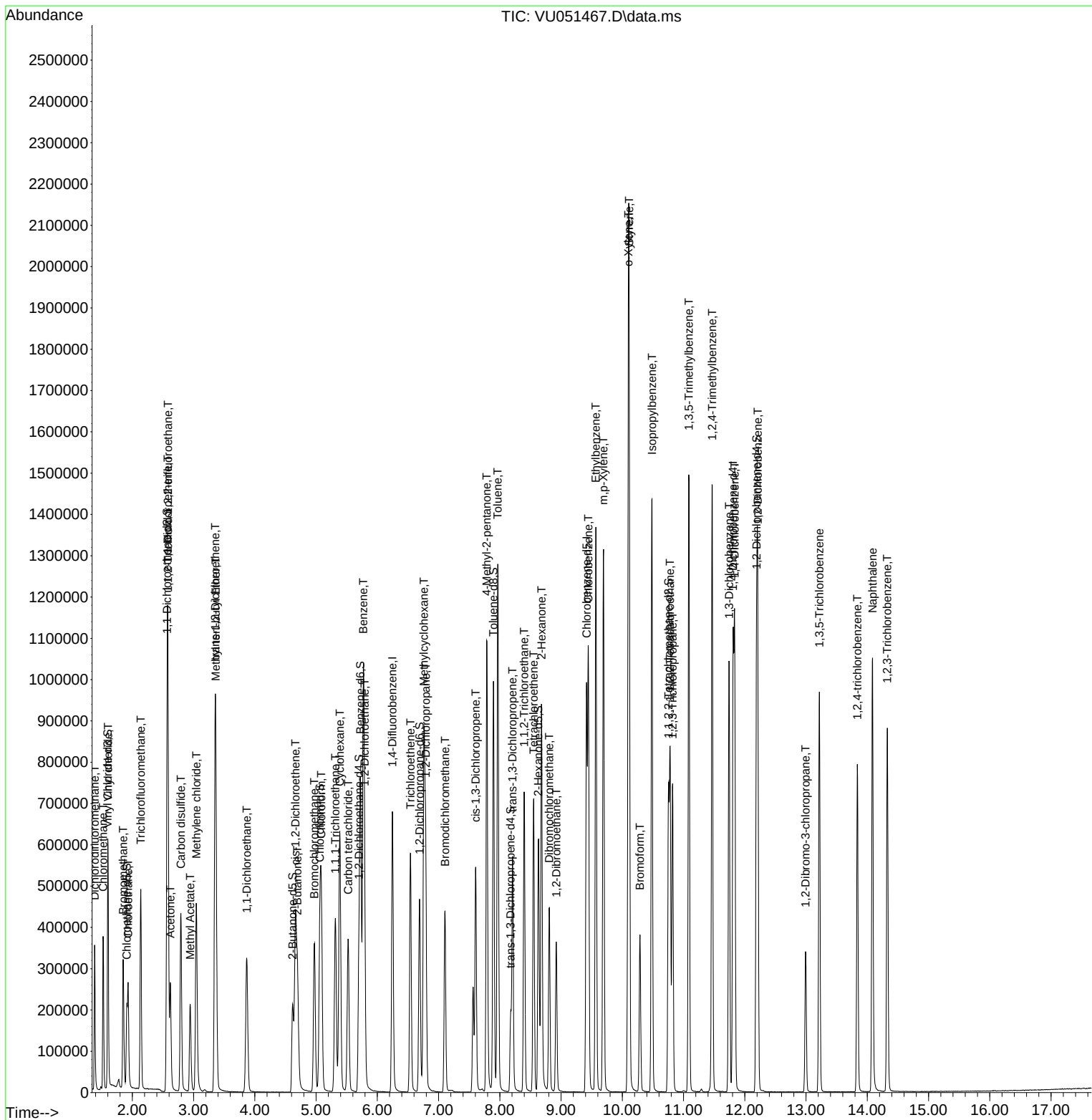
Instrument :
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 ClientSampleId :

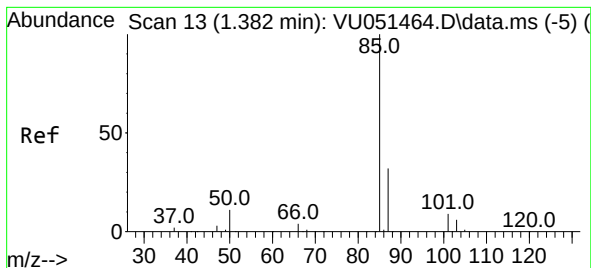
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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	308605	45.438	ug/L	100
29) Cyclohexane	5.388	56	320123	56.837	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	312278	49.112	ug/L	99
31) Carbon tetrachloride	5.523	117	259214	48.283	ug/L	98
33) Benzene	5.771	78	895507	51.099	ug/L	100
34) Trichloroethene	6.542	95	207841	49.148	ug/L	96
35) Methylcyclohexane	6.761	83	338050	55.880	ug/L	99
37) 1,2-Dichloropropane	6.790	63	237110	49.336	ug/L	100
38) Bromodichloromethane	7.105	83	296541	48.470	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	332749	52.515	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	678644	105.683	ug/L	99
42) Toluene	7.967	91	950403	52.847	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	328274	53.237	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	229485	47.843	ug/L	99
46) Tetrachloroethene	8.552	164	156538	49.590	ug/L	97
48) 2-Hexanone	8.681	43	562975	102.595	ug/L	100
49) Dibromochloromethane	8.809	129	234078	47.679	ug/L	99
50) 1,2-Dibromoethane	8.922	107	242730	49.383	ug/L	98
51) Chlorobenzene	9.446	112	572084	48.577	ug/L	98
52) Ethylbenzene	9.568	91	953944	52.601	ug/L	100
53) m,p-Xylene	9.693	106	371692	53.172	ug/L	99
54) o-Xylene	10.099	106	368131	53.091	ug/L	99
55) Styrene	10.111	104	649446	53.899	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	416169	45.470	ug/L	100
59) Bromoform	10.288	173	172943	45.479	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	325137	45.952	ug/L	100
61) Isopropylbenzene	10.484	105	920213	53.669	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	794103	54.521	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	802980	55.989	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	436500	49.873	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	445746	49.523	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	446265	48.949	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	91095	47.701	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	296367	50.478	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	245668	54.348	ug/L	99
71) Naphthalene	14.086	128	857884	59.296	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	271914	56.038	ug/L	99

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

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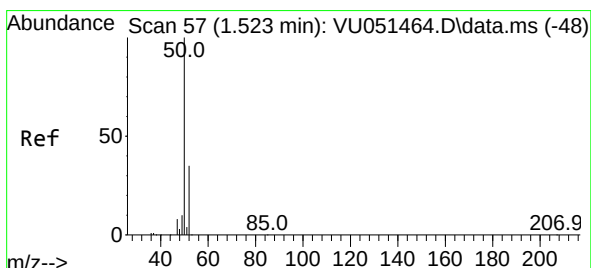
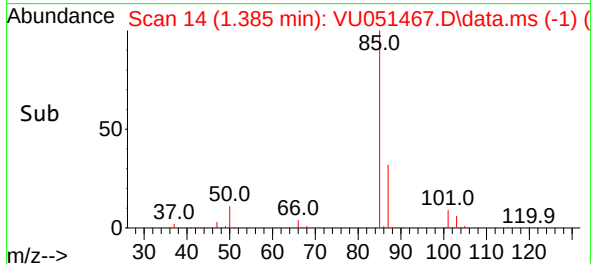
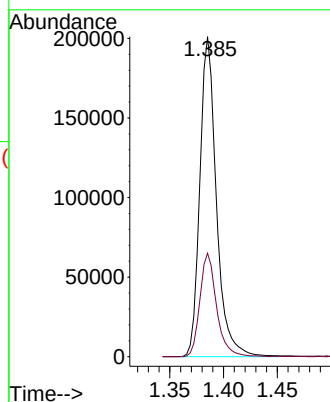
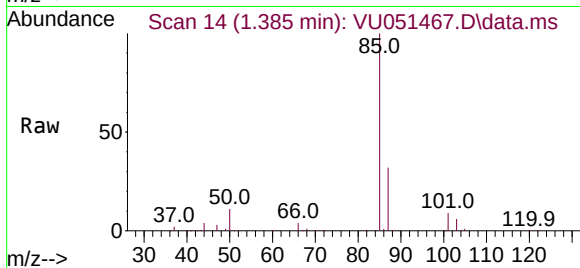




#2
Dichlorodifluoromethane
Concen: 43.615 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

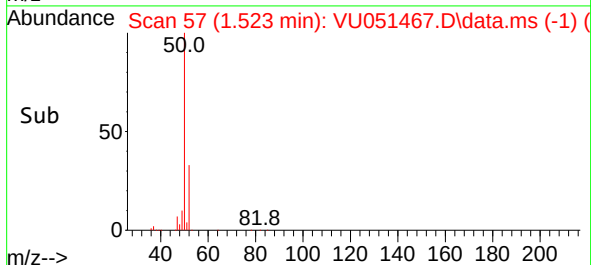
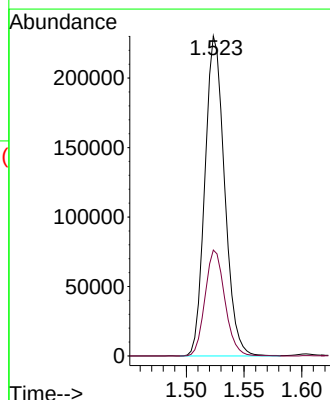
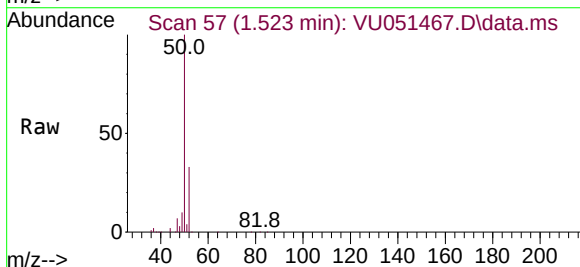
Instrument :
MSVOA_U
ClientSampleId :

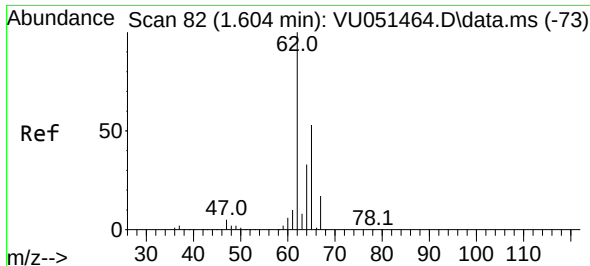
Tgt Ion: 85 Resp: 215124
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 43.218 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion: 50 Resp: 272451
Ion Ratio Lower Upper
50 100
52 33.1 24.1 44.8

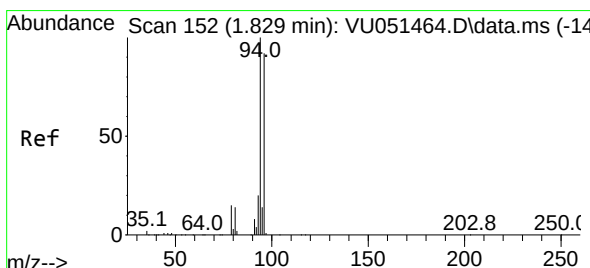
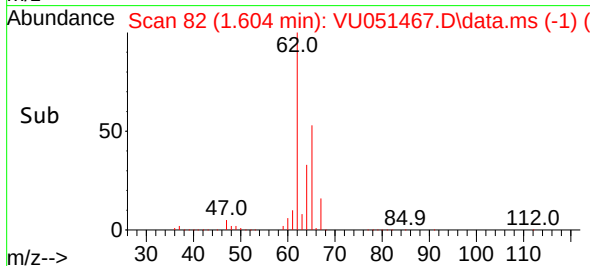
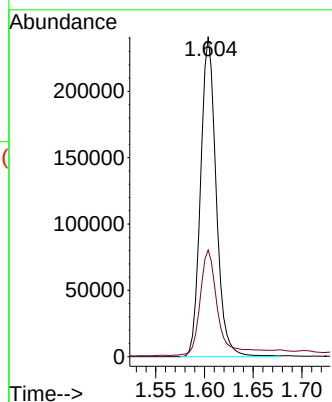
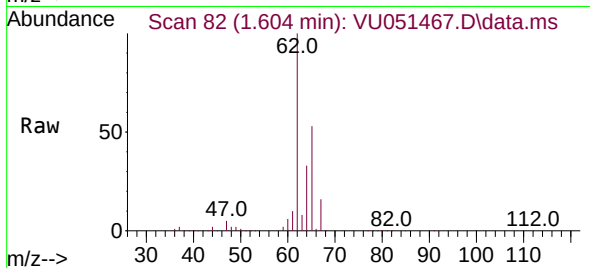




#5
 Vinyl chloride
 Concen: 42.952 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051467.D
 Acq: 20 Oct 2022 12:33

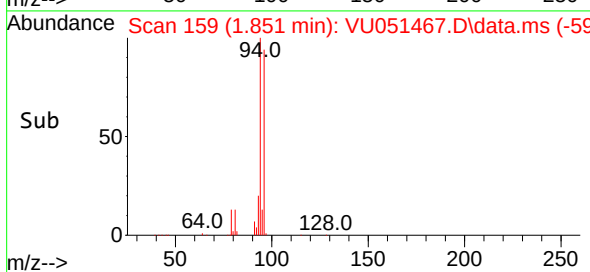
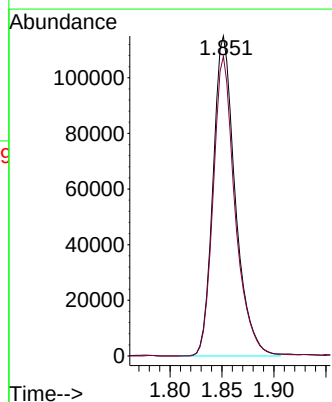
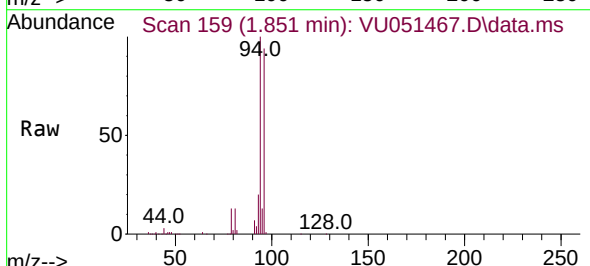
Instrument :
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 ClientSampleId :

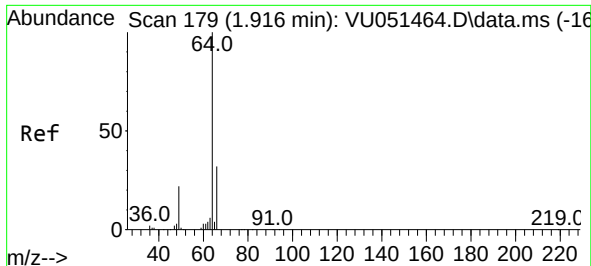
Tgt Ion: 62 Resp: 267987
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#6
 Bromomethane
 Concen: 52.689 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.023 min
 Lab File: VU051467.D
 Acq: 20 Oct 2022 12:33

Tgt Ion: 94 Resp: 170866
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.5 119.9

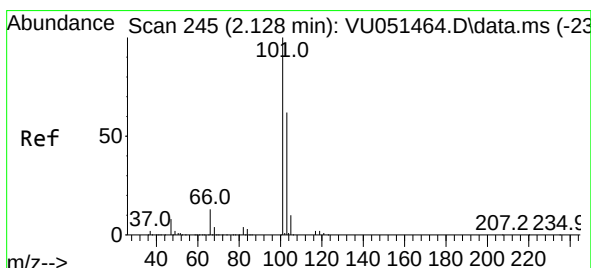
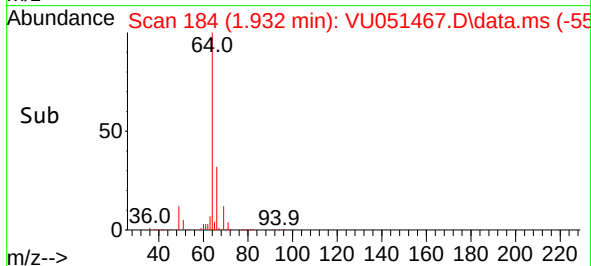
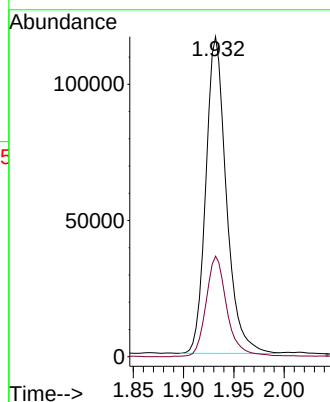
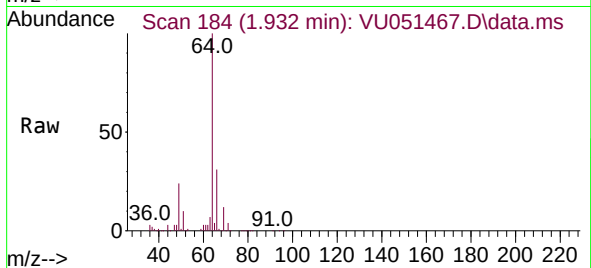




#8
Chloroethane
Concen: 44.224 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

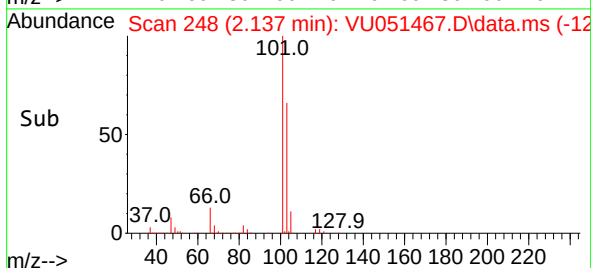
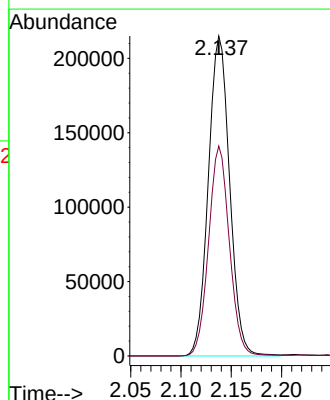
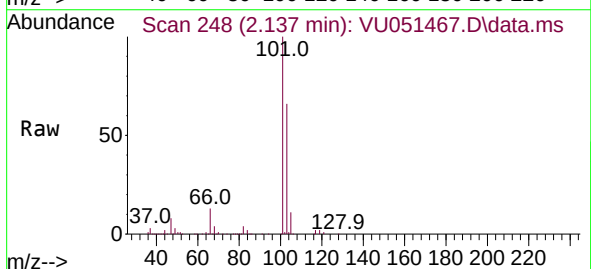
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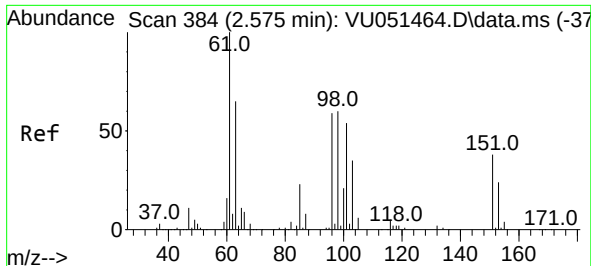
Tgt Ion: 64 Resp: 164898
Ion Ratio Lower Upper
64 100
66 31.4 21.9 40.7



#9
Trichlorofluoromethane
Concen: 43.929 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.010 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion:101 Resp: 317100
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.4

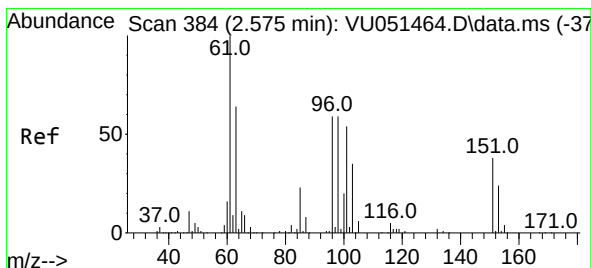
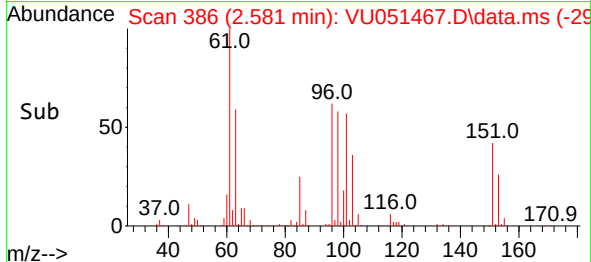
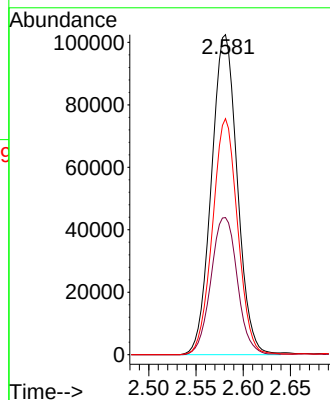
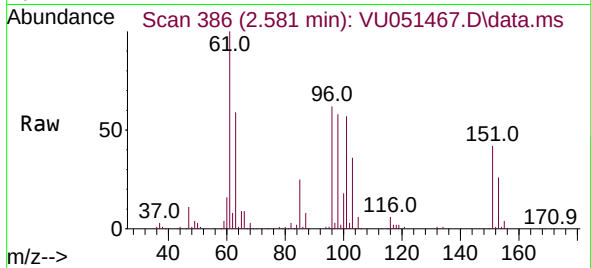




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.259 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.006 min
 Lab File: VU051467.D
 Acq: 20 Oct 2022 12:33

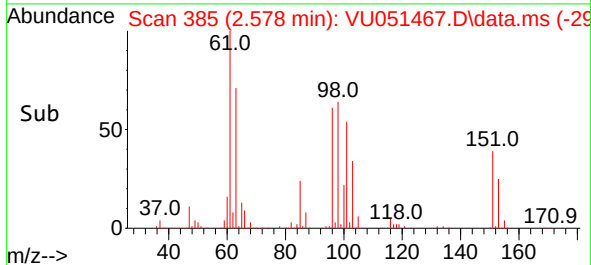
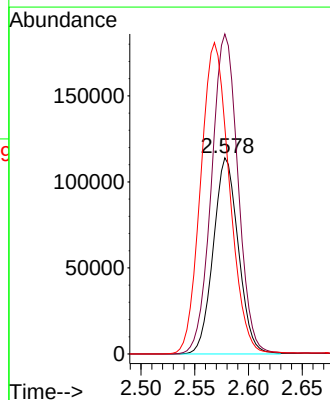
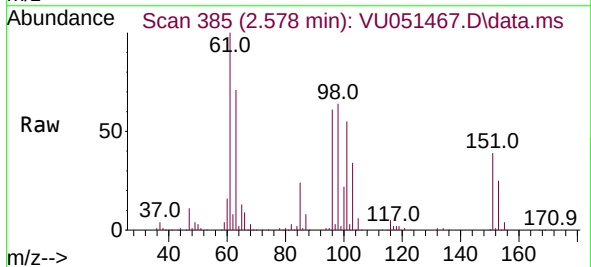
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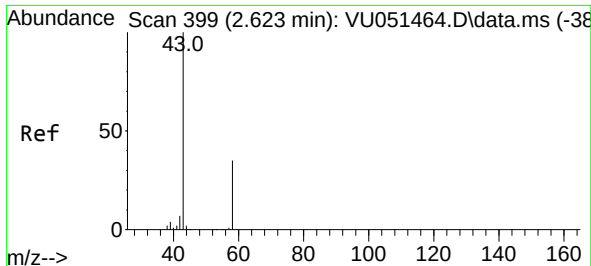
Tgt Ion:101 Resp: 195270
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.2 52.8
 151 71.8 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 44.163 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051467.D
 Acq: 20 Oct 2022 12:33

Tgt Ion: 96 Resp: 184712
 Ion Ratio Lower Upper
 96 100
 61 163.2 119.0 221.0
 63 115.8 78.5 145.7





#13

Acetone

Concen: 73.780 ug/L

RT: 2.620 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

Instrument :

MSVOA_U

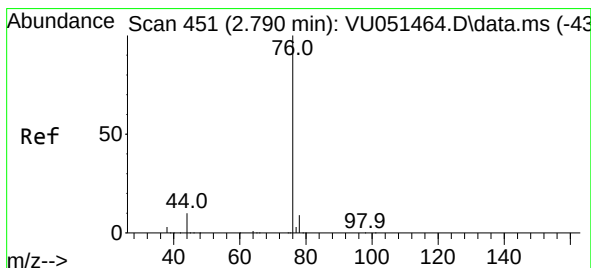
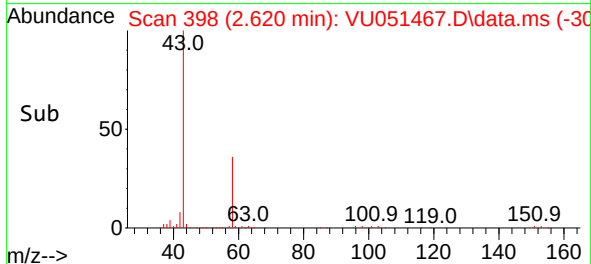
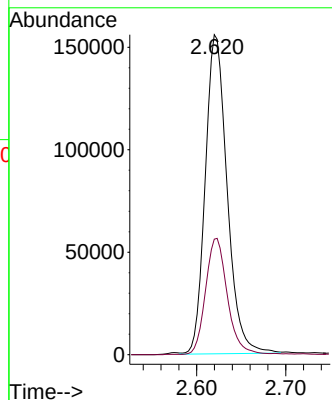
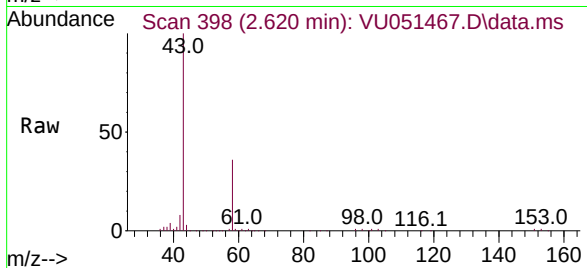
ClientSampleId :

Tgt Ion: 43 Resp: 265386

Ion Ratio Lower Upper

43 100

58 36.1 0.0 70.2



#14

Carbon disulfide

Concen: 43.837 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051467.D

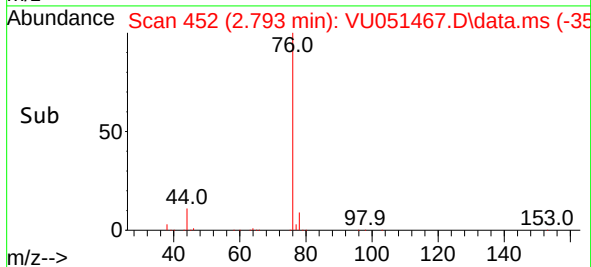
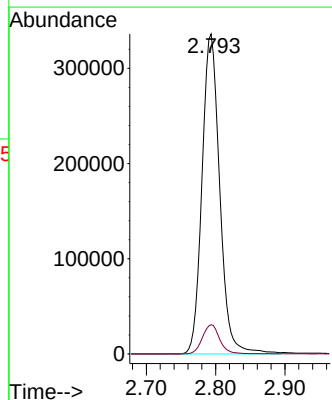
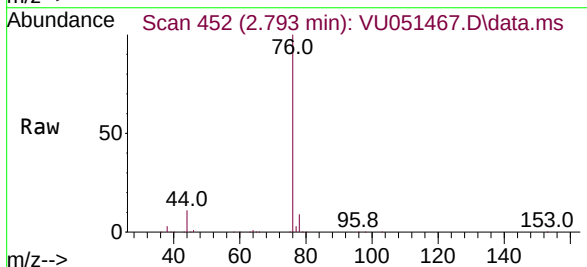
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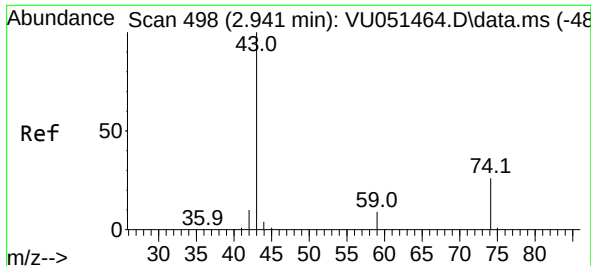
Tgt Ion: 76 Resp: 597187

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

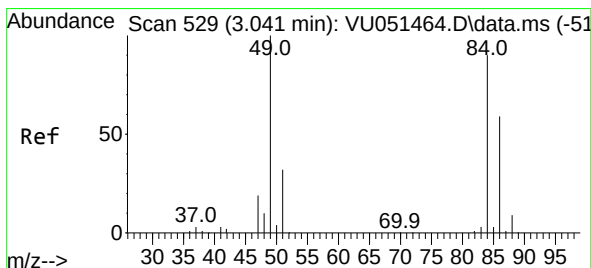
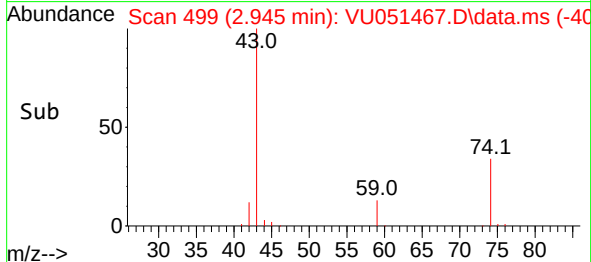
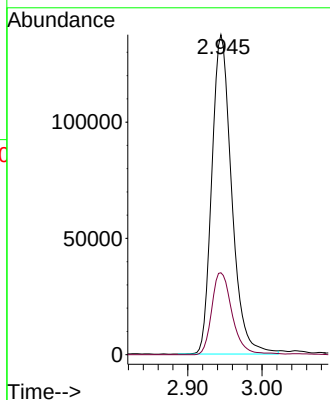
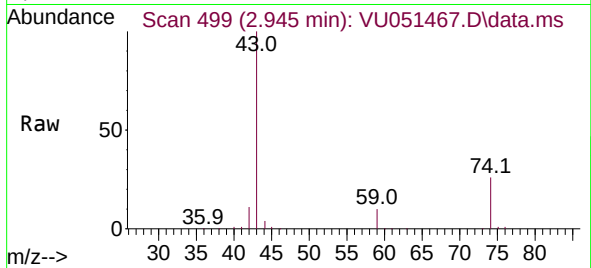




#15
Methyl Acetate
Concen: 46.896 ug/L
RT: 2.945 min Scan# 498
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

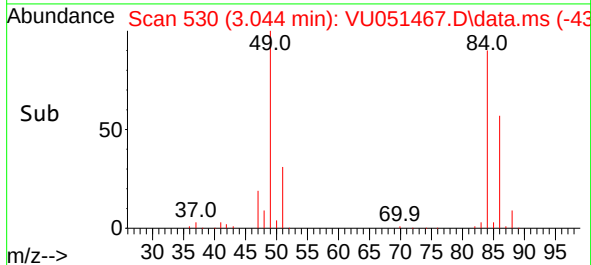
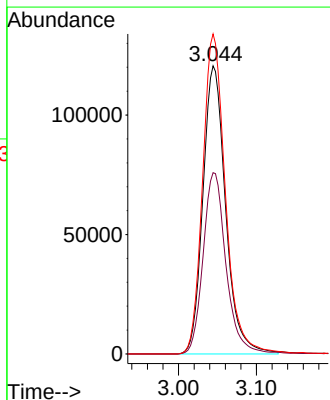
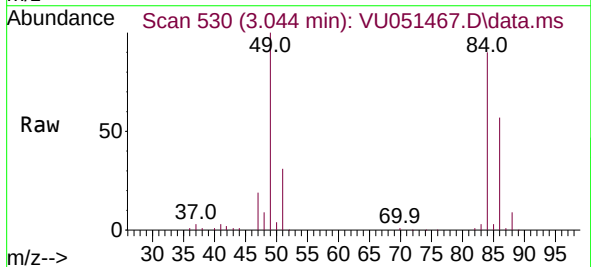
Instrument :
MSVOA_U
ClientSampleId :

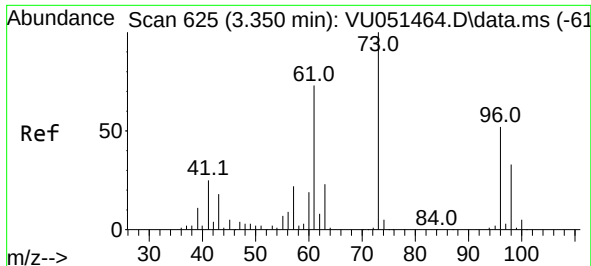
Tgt Ion: 43 Resp: 255106
Ion Ratio Lower Upper
43 100
74 26.2 21.1 31.7



#16
Methylene chloride
Concen: 44.523 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion: 84 Resp: 244437
Ion Ratio Lower Upper
84 100
86 62.9 45.8 85.2
49 111.0 78.1 145.1

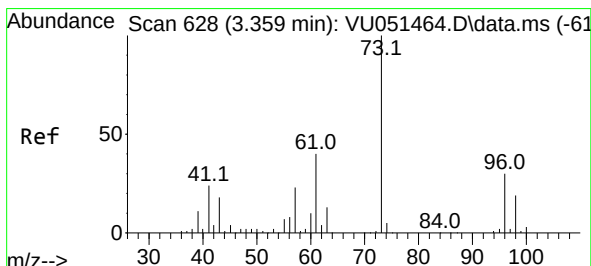
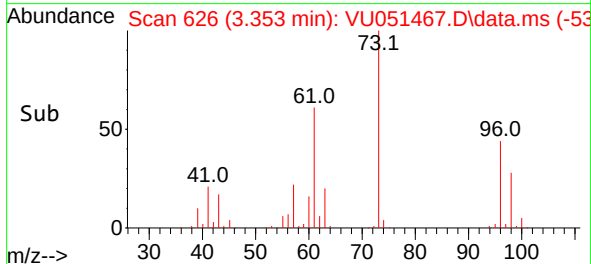
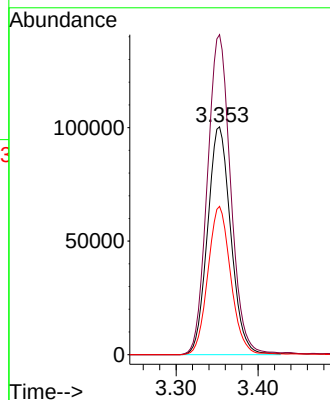
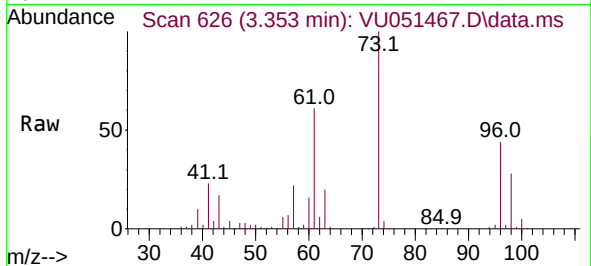




#17
trans-1,2-Dichloroethene
Concen: 45.966 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

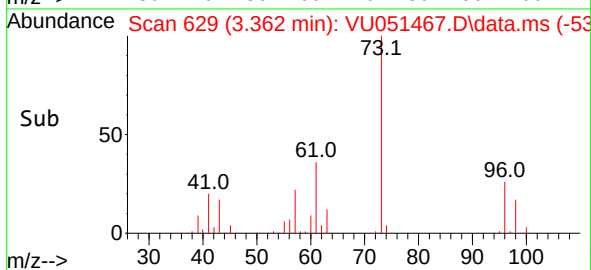
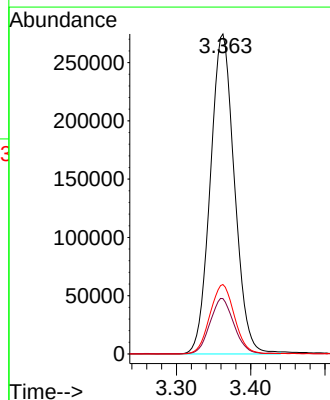
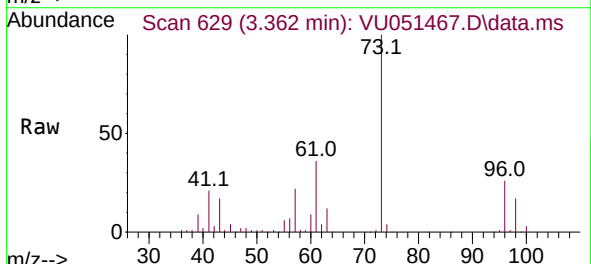
Instrument :
MSVOA_U
ClientSampleId :

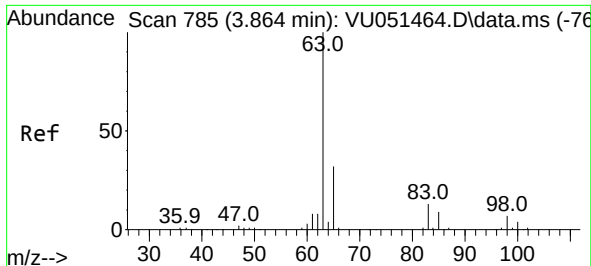
Tgt Ion: 96 Resp: 197720
Ion Ratio Lower Upper
96 100
61 140.4 98.1 182.1
98 65.1 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 50.382 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion: 73 Resp: 619721
Ion Ratio Lower Upper
73 100
43 17.0 13.9 20.9
57 22.0 17.7 26.5





#19

1,1-Dichloroethane

Concen: 44.946 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

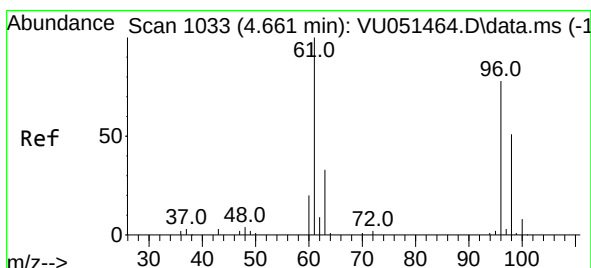
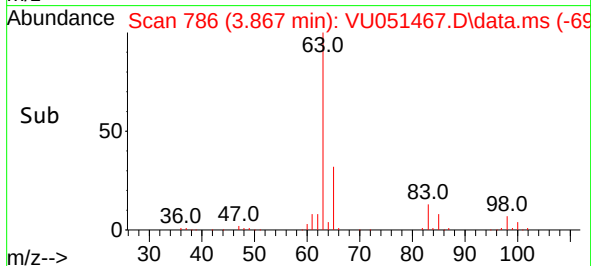
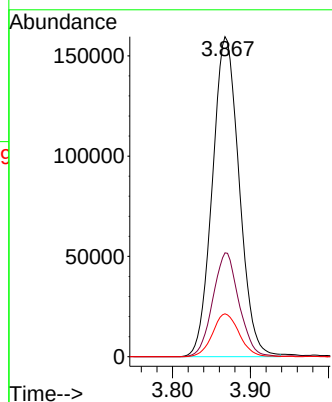
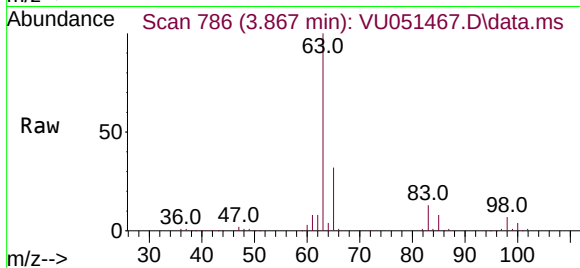
Tgt Ion: 63 Resp: 381330

Ion Ratio Lower Upper

63 100

65 32.5 22.1 41.1

83 13.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 47.999 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

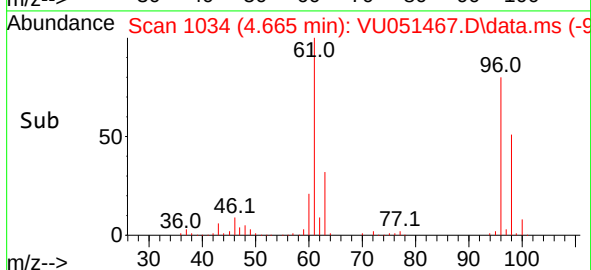
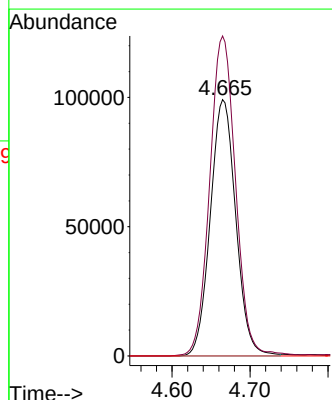
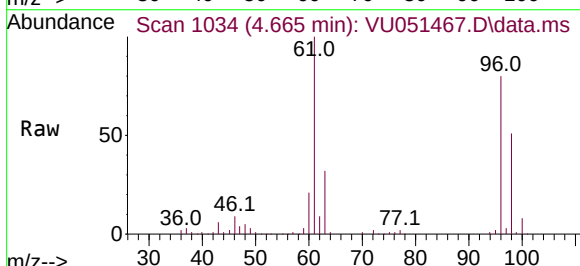
Tgt Ion: 96 Resp: 225257

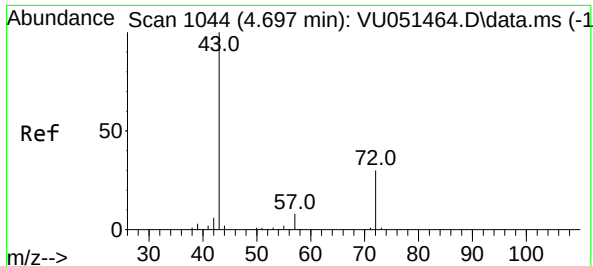
Ion Ratio Lower Upper

96 100

61 124.8 89.7 166.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 89.992 ug/L

RT: 4.697 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

Instrument :

MSVOA_U

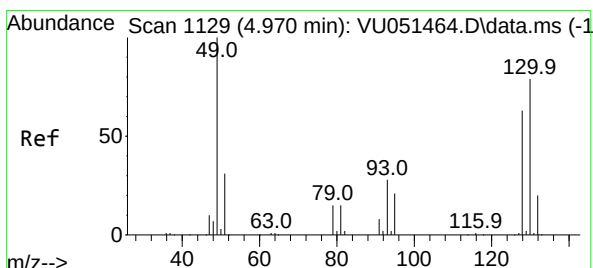
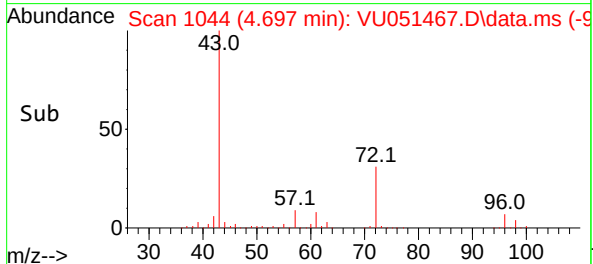
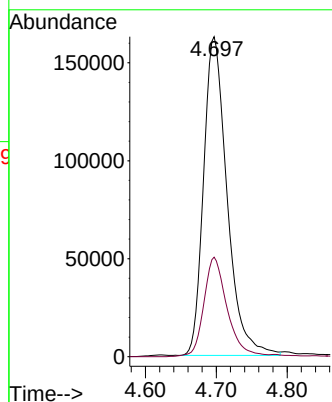
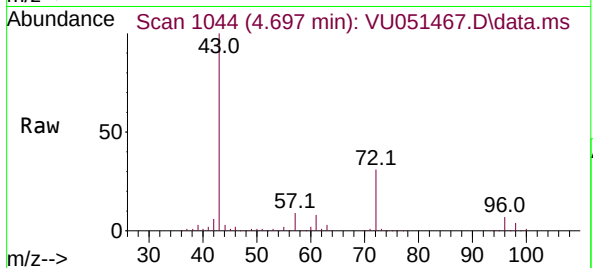
ClientSampleId :

Tgt Ion: 43 Resp: 375678

Ion Ratio Lower Upper

43 100

72 30.8 15.2 45.6



#23

Bromochloromethane

Concen: 44.746 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

Tgt Ion:128 Resp: 117815

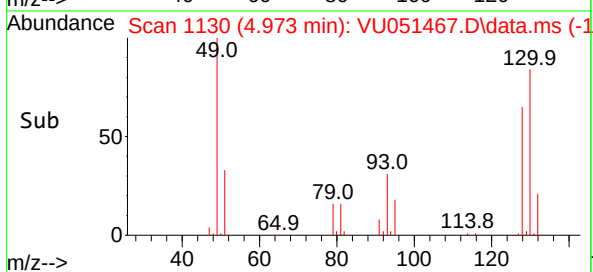
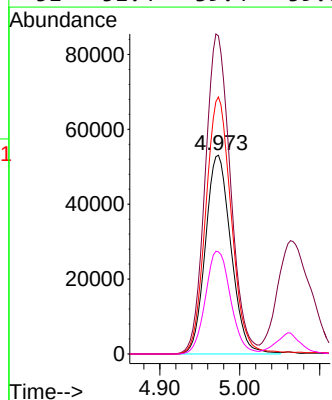
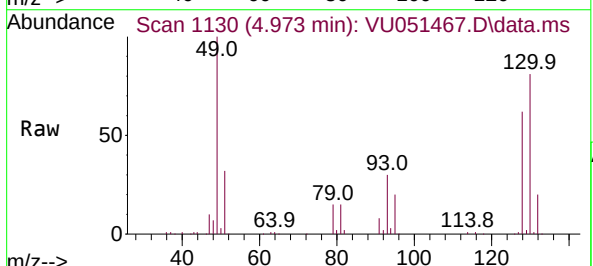
Ion Ratio Lower Upper

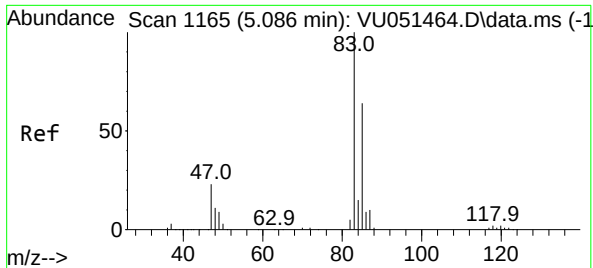
128 100

49 160.1 111.9 207.9

130 129.3 88.2 163.8

51 51.4 39.4 59.0

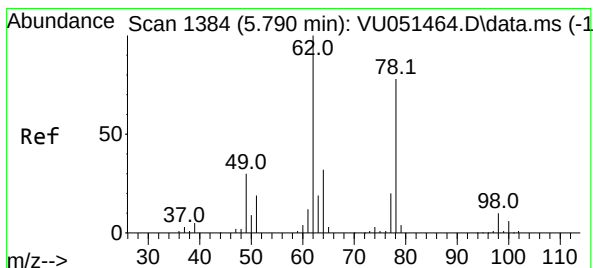
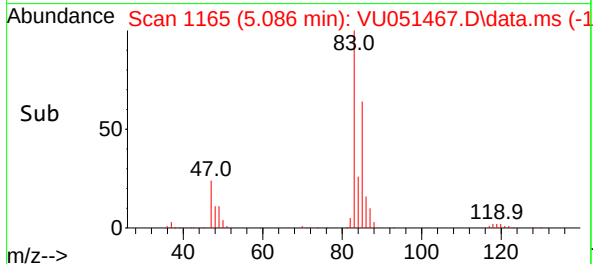
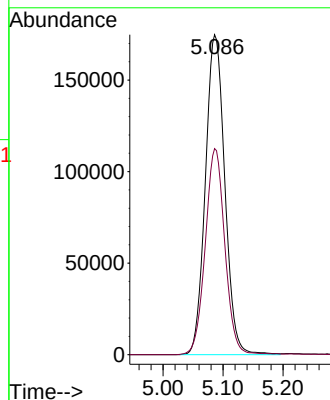
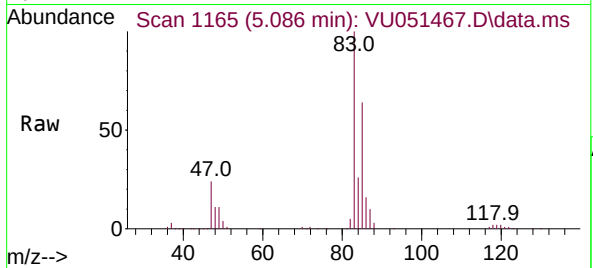




#25
Chloroform
Concen: 45.053 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

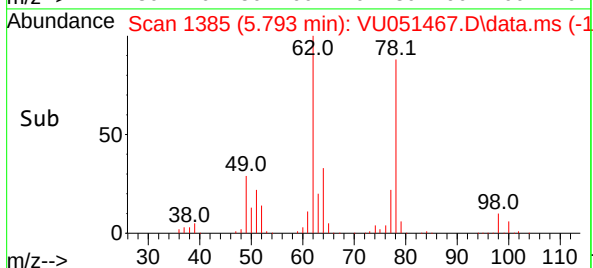
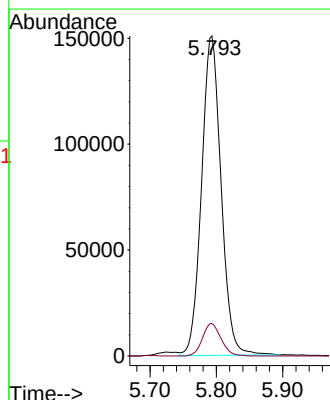
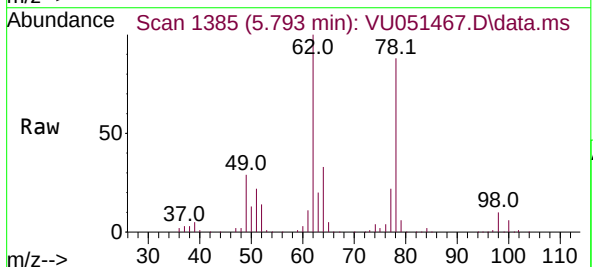
Instrument :
MSVOA_U
ClientSampleId :

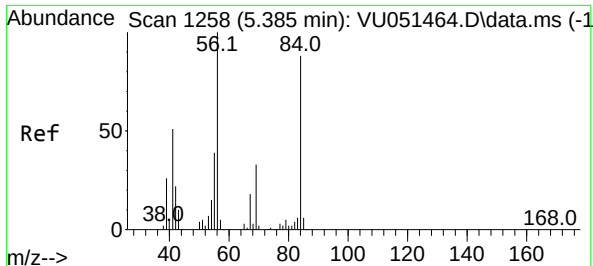
Tgt Ion: 83 Resp: 394072
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 45.438 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion: 62 Resp: 308605
Ion Ratio Lower Upper
62 100
98 10.2 8.0 12.0





#29

Cyclohexane

Concen: 56.837 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

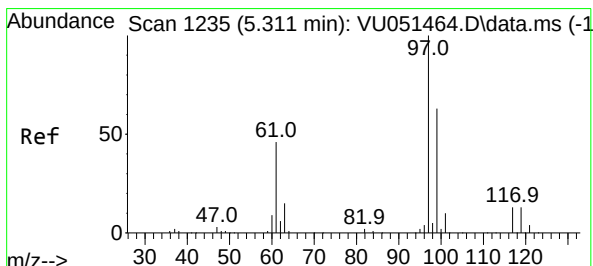
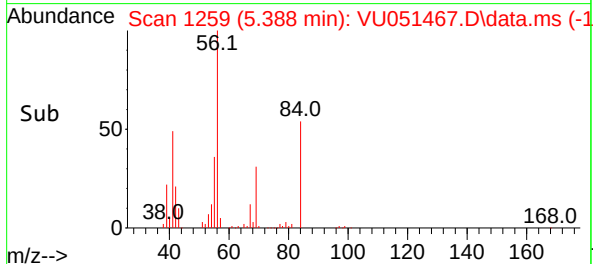
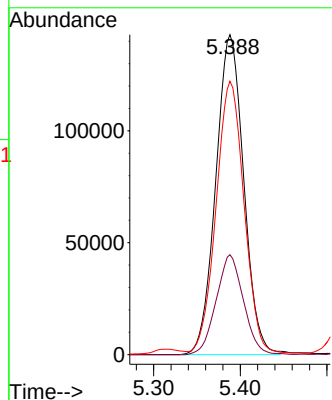
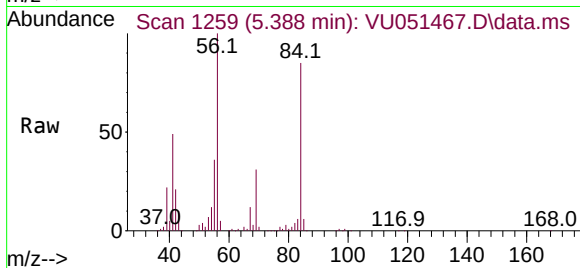
Tgt Ion: 56 Resp: 320123

Ion Ratio Lower Upper

56 100

69 30.5 25.5 38.3

84 84.9 69.8 104.6



#30

1,1,1-Trichloroethane

Concen: 49.112 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

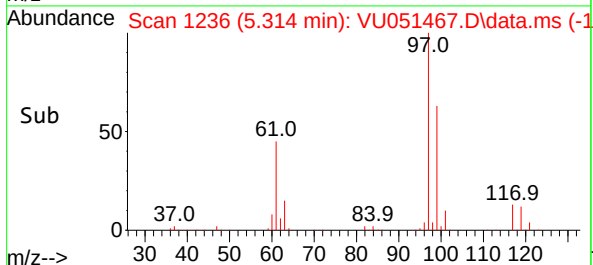
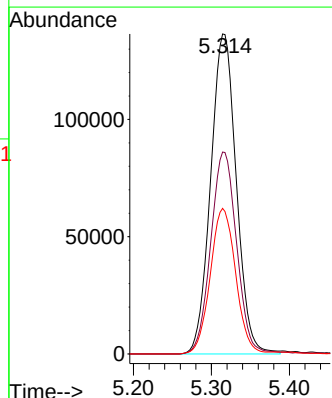
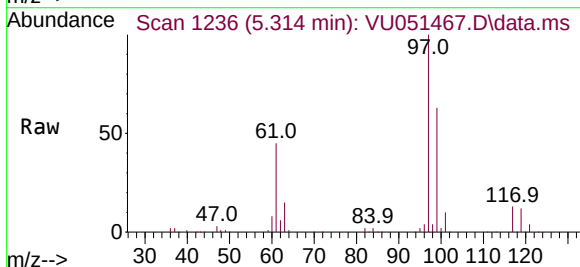
Tgt Ion: 97 Resp: 312278

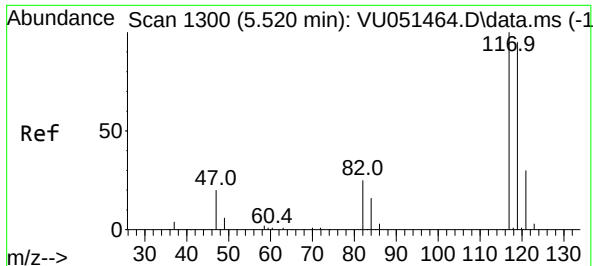
Ion Ratio Lower Upper

97 100

99 63.7 50.7 76.1

61 45.1 36.7 55.1

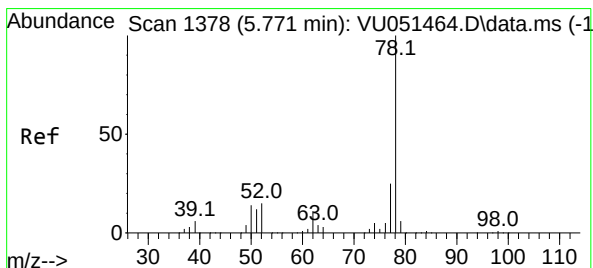
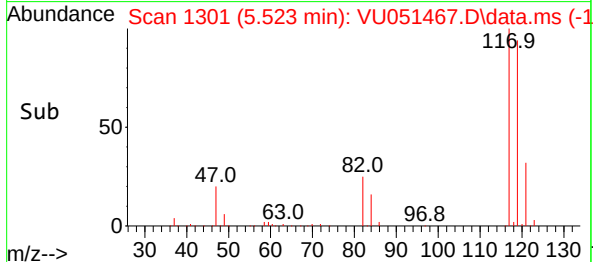
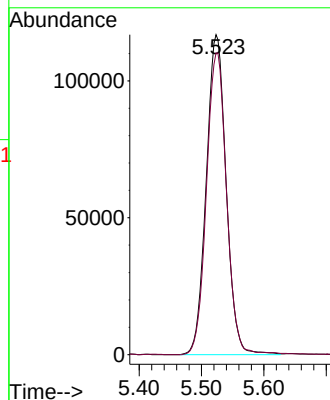
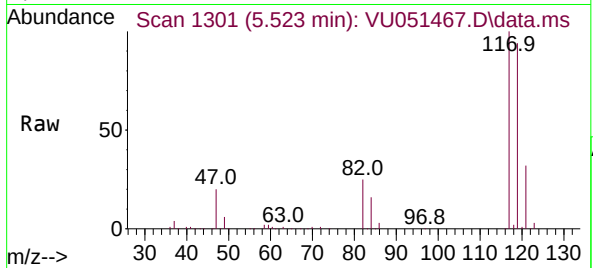




#31
Carbon tetrachloride
Concen: 48.283 ug/L
RT: 5.523 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

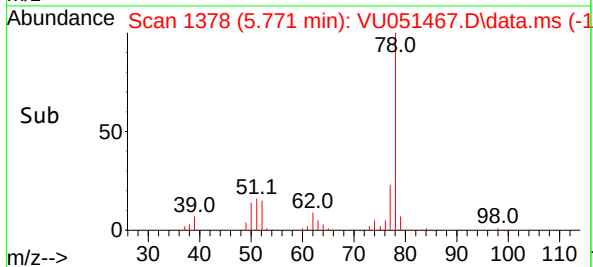
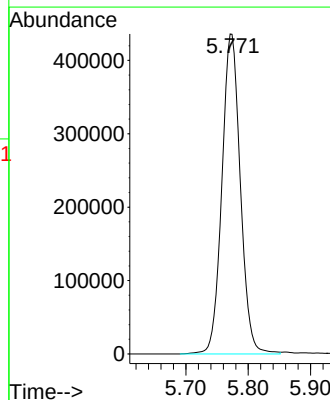
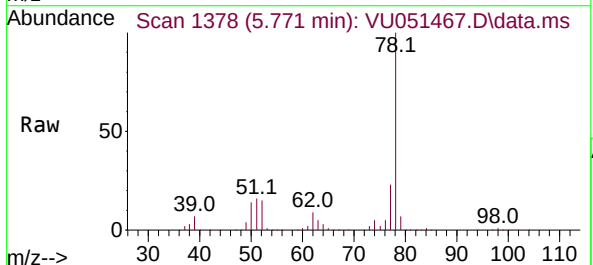
Instrument :
MSVOA_U
ClientSampleId :

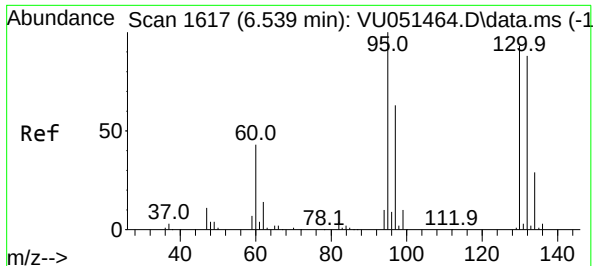
Tgt Ion:117 Resp: 259214
Ion Ratio Lower Upper
117 100
119 94.7 77.0 115.6



#33
Benzene
Concen: 51.099 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion: 78 Resp: 895507

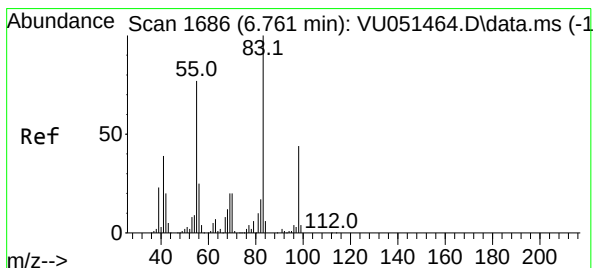
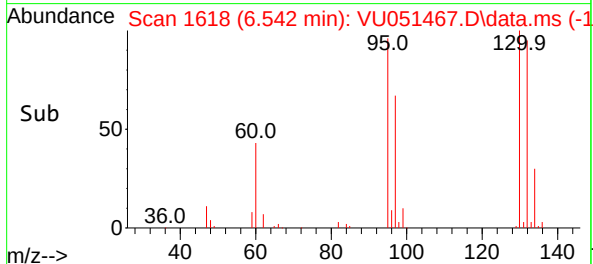
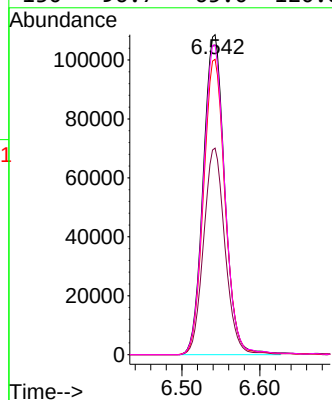
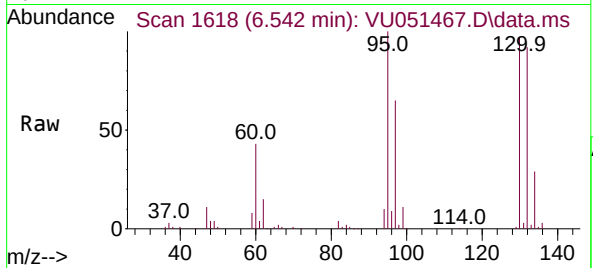




#34
Trichloroethene
Concen: 49.148 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

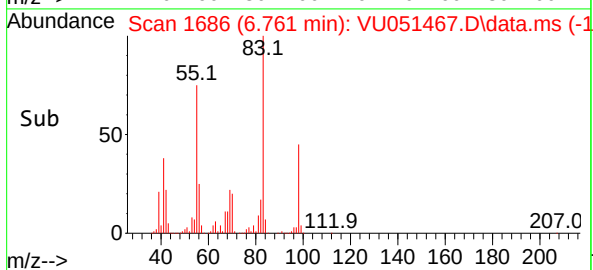
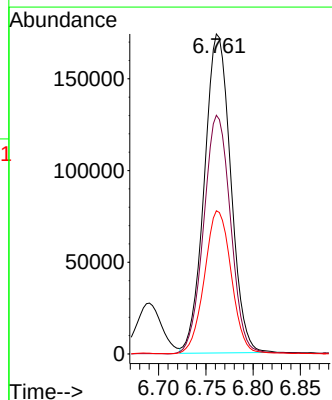
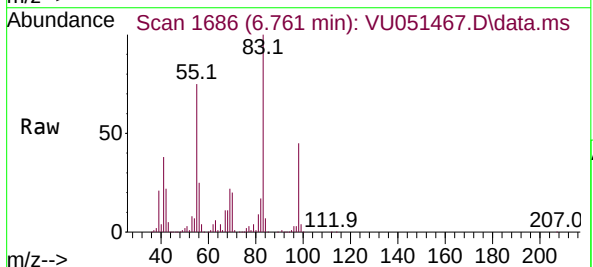
Instrument :
MSVOA_U
ClientSampleId :

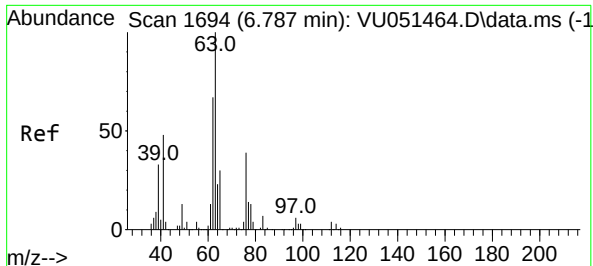
Tgt Ion: 95 Resp: 207841
Ion Ratio Lower Upper
95 100
97 64.5 43.8 81.4
132 92.3 61.9 114.9
130 96.7 65.0 120.8



#35
Methylcyclohexane
Concen: 55.880 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion: 83 Resp: 338050
Ion Ratio Lower Upper
83 100
55 76.6 62.6 93.8
98 45.6 36.2 54.4





#37

1,2-Dichloropropane

Concen: 49.336 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

Instrument :

MSVOA_U

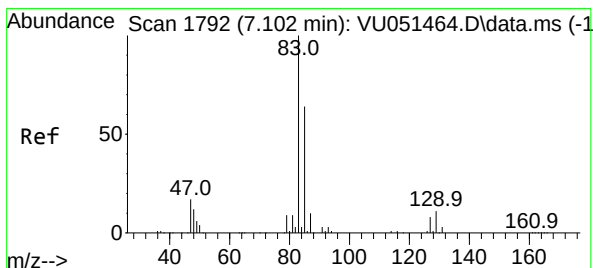
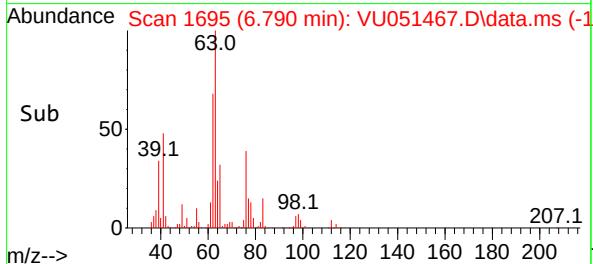
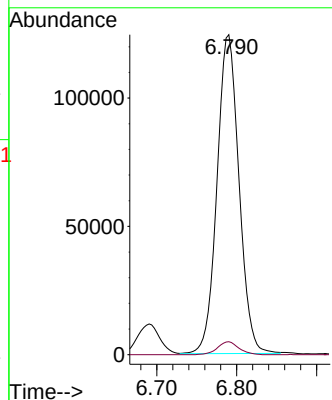
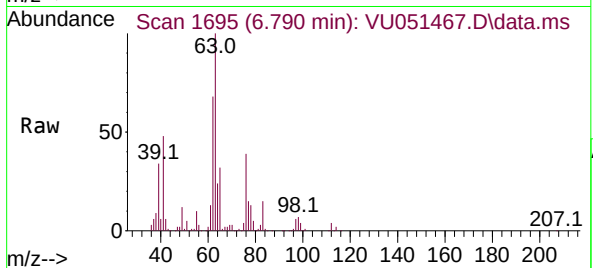
ClientSampleId :

Tgt Ion: 63 Resp: 237110

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 48.470 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

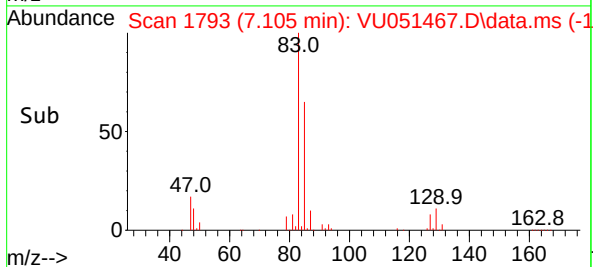
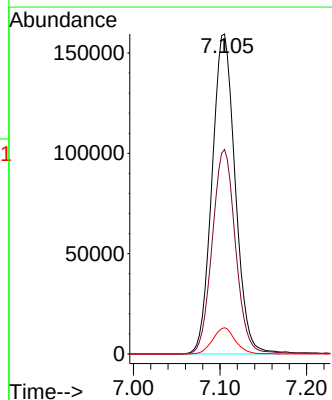
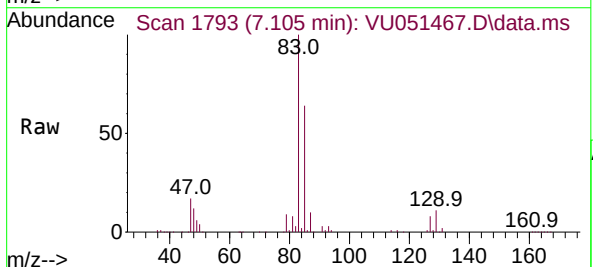
Tgt Ion: 83 Resp: 296541

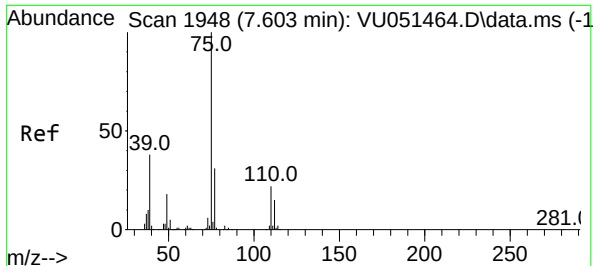
Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.5

127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 52.515 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

Instrument :

MSVOA_U

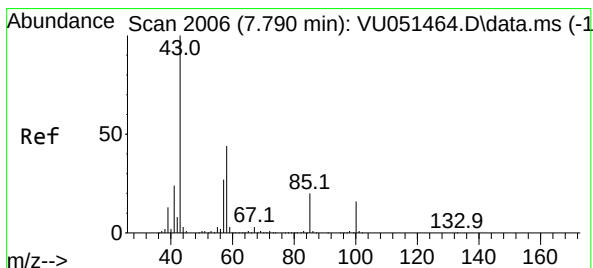
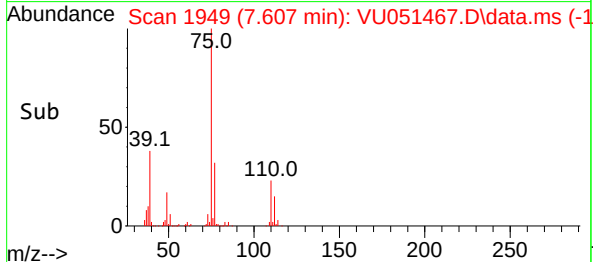
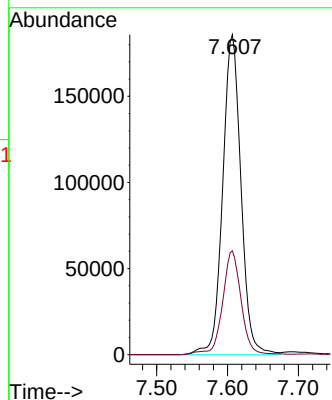
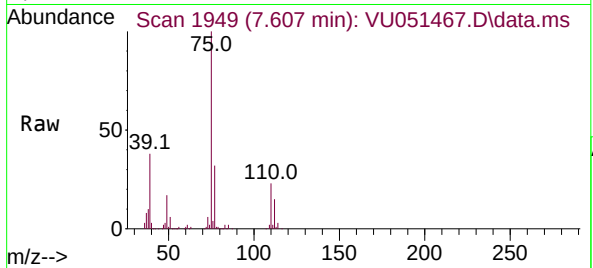
ClientSampleId :

Tgt Ion: 75 Resp: 332749

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 105.683 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

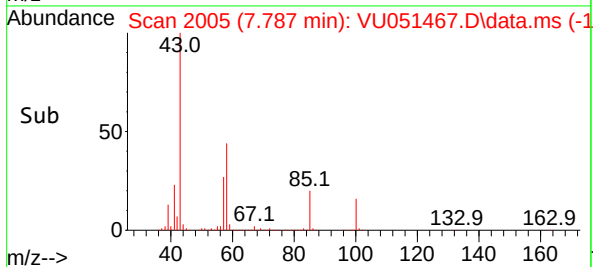
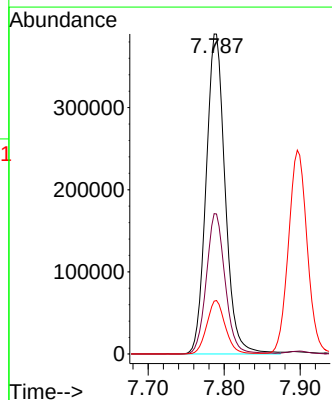
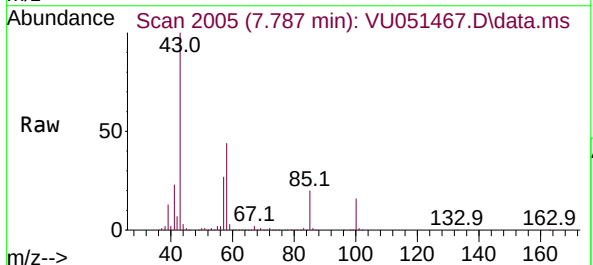
Tgt Ion: 43 Resp: 678644

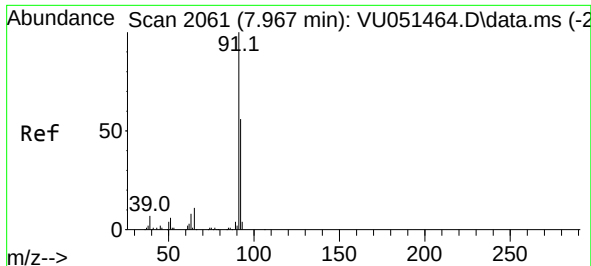
Ion Ratio Lower Upper

43 100

58 43.4 34.4 51.6

100 16.2 12.9 19.3





#42

Toluene

Concen: 52.847 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

Instrument :

MSVOA_U

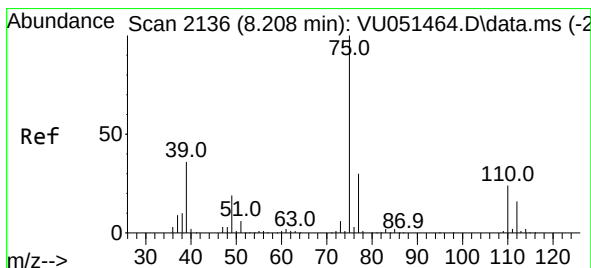
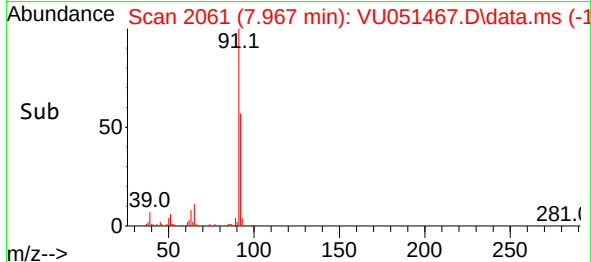
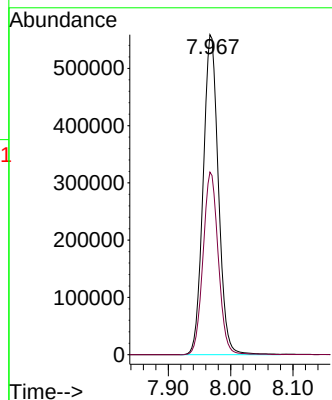
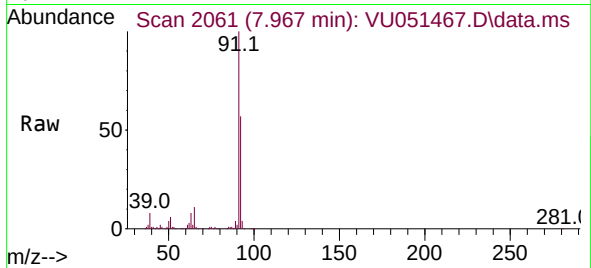
ClientSampleId :

Tgt Ion: 91 Resp: 950403

Ion Ratio Lower Upper

91 100

92 57.1 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 53.237 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051467.D

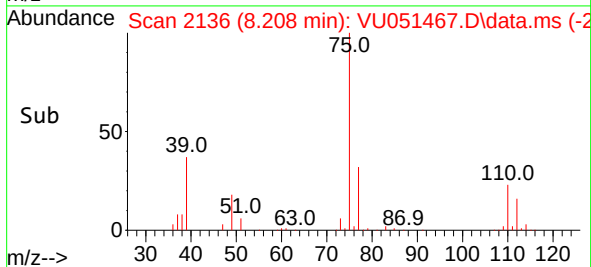
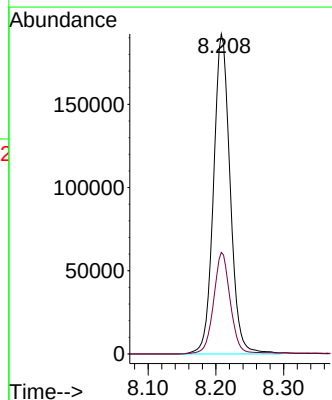
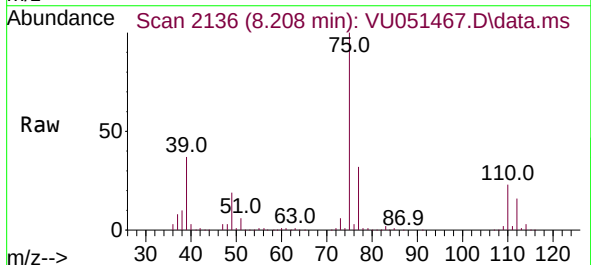
Acq: 20 Oct 2022 12:33

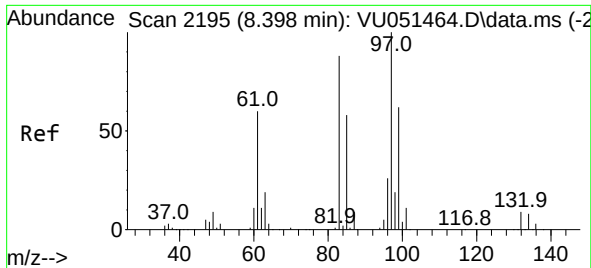
Tgt Ion: 75 Resp: 328274

Ion Ratio Lower Upper

75 100

77 31.8 21.3 39.5



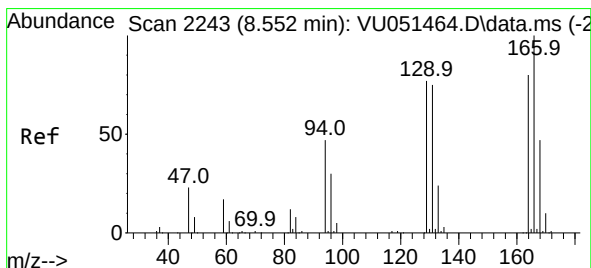
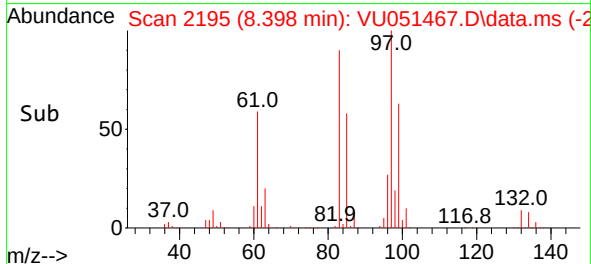
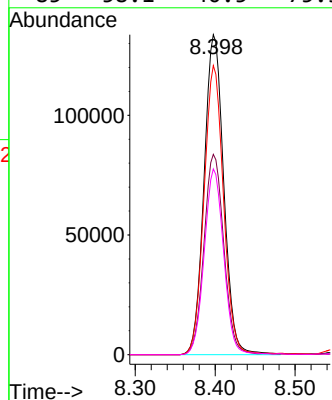
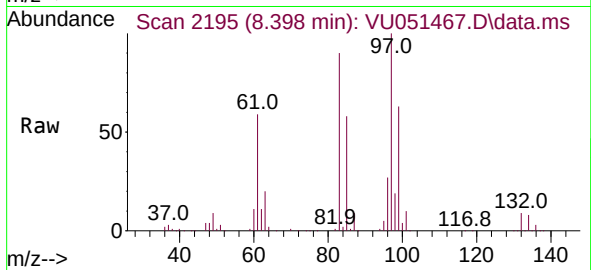


#45
1,1,2-Trichloroethane
Concen: 47.843 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 229485

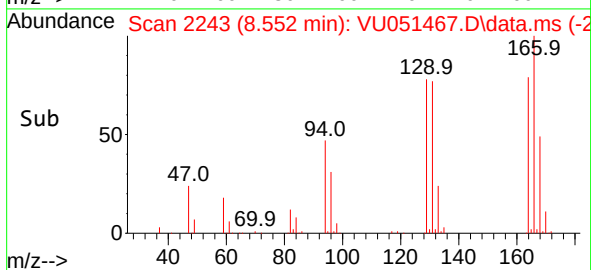
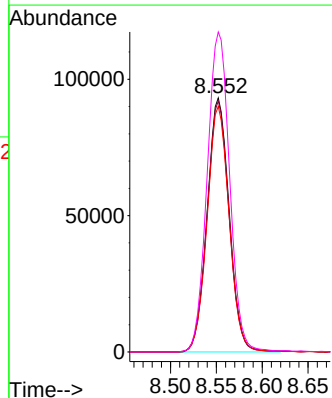
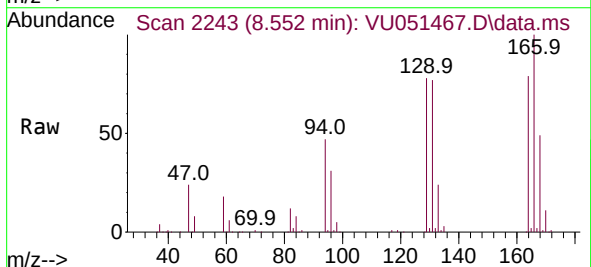
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.6	81.0
83	90.4	61.8	114.8
85	58.1	40.5	75.3

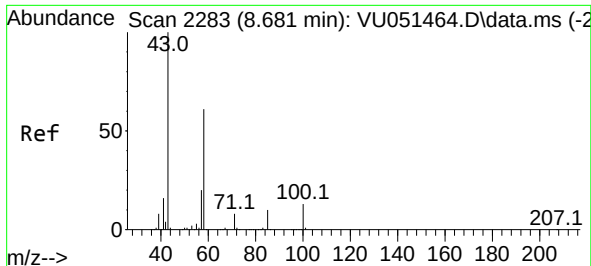


#46
Tetrachloroethene
Concen: 49.590 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion: 164 Resp: 156538

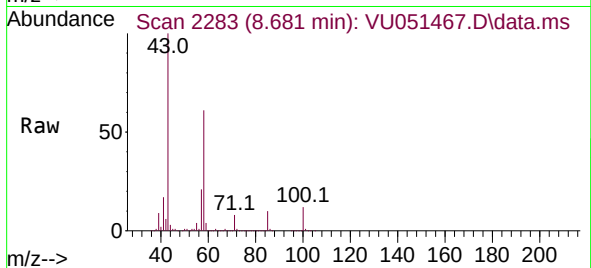
Ion	Ratio	Lower	Upper
164	100		
129	98.8	67.3	124.9
131	96.7	65.2	121.0
166	126.0	87.0	161.6



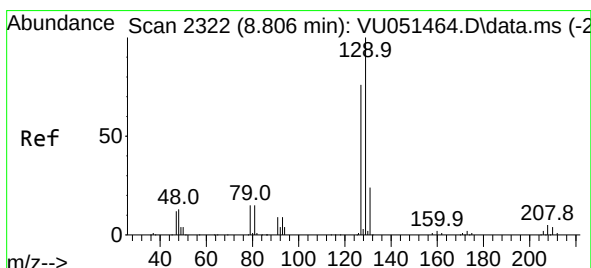
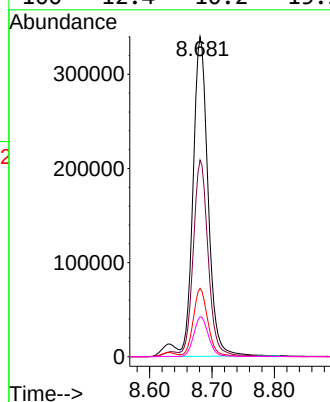
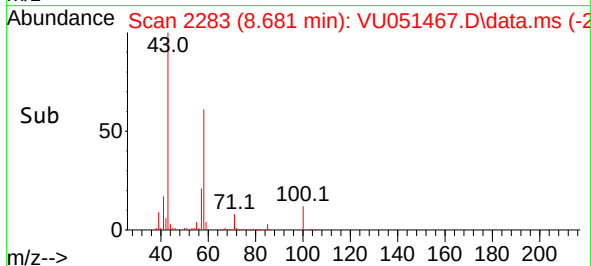


#48
2-Hexanone
Concen: 102.595 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Instrument :
MSVOA_U
ClientSampleId :

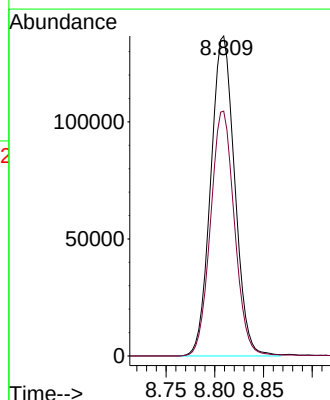
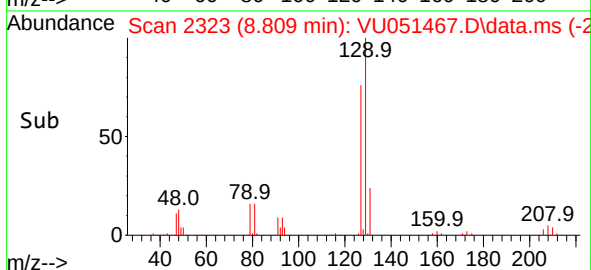
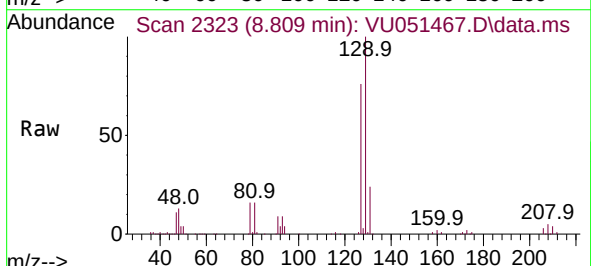


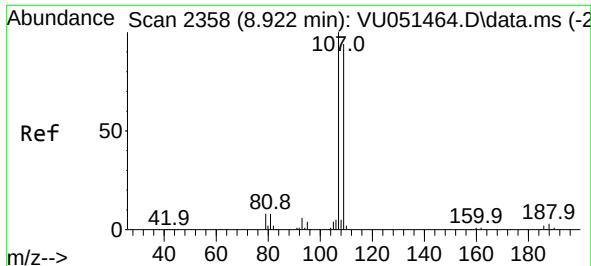
Tgt Ion: 43 Resp: 562975
Ion Ratio Lower Upper
43 100
58 60.5 48.2 72.4
57 20.8 16.4 24.6
100 12.4 10.2 15.2



#49
Dibromochloromethane
Concen: 47.679 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion: 129 Resp: 234078
Ion Ratio Lower Upper
129 100
127 76.5 53.1 98.5





#50

1,2-Dibromoethane

Concen: 49.383 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

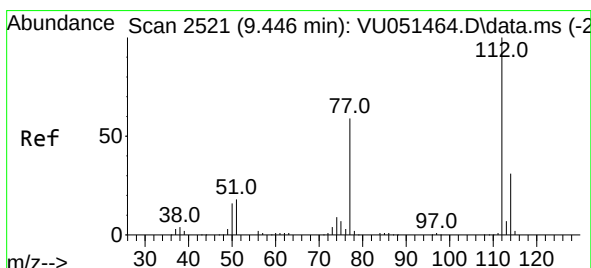
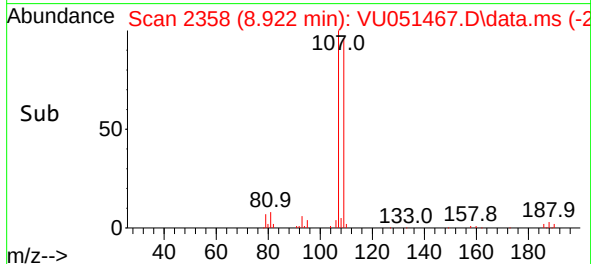
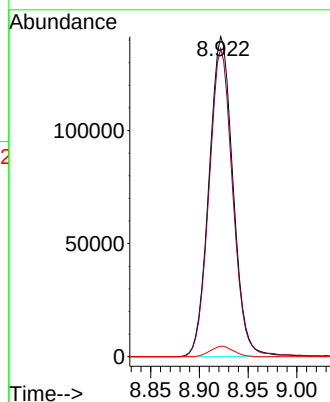
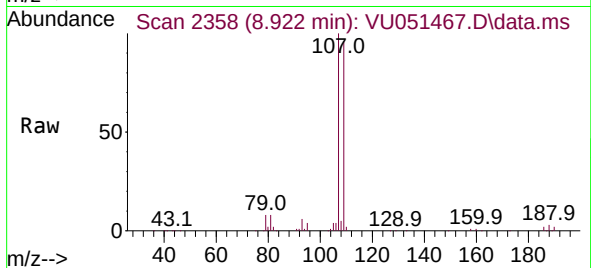
Tgt Ion:107 Resp: 242730

Ion Ratio Lower Upper

107 100

109 96.2 65.8 122.2

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 48.577 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

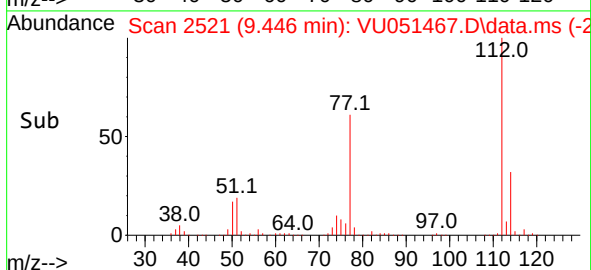
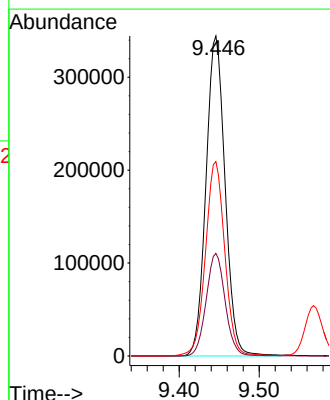
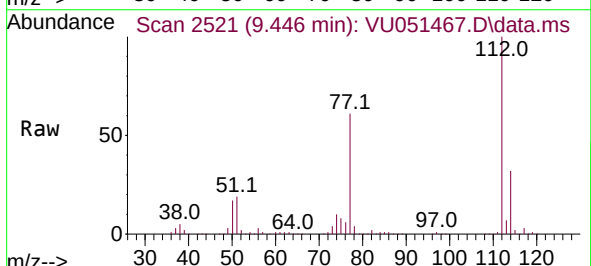
Tgt Ion:112 Resp: 572084

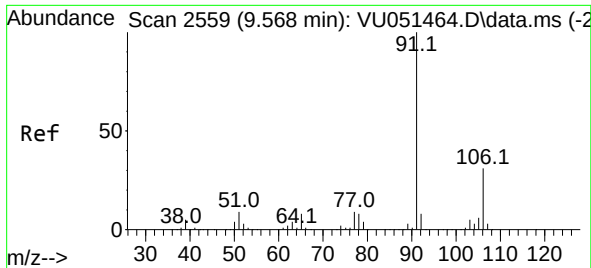
Ion Ratio Lower Upper

112 100

114 32.1 21.9 40.7

77 60.8 47.3 70.9

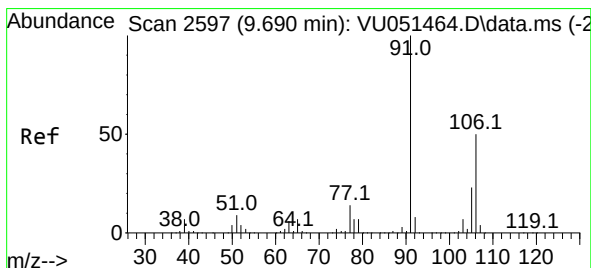
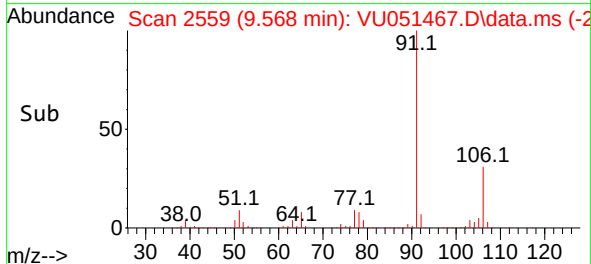
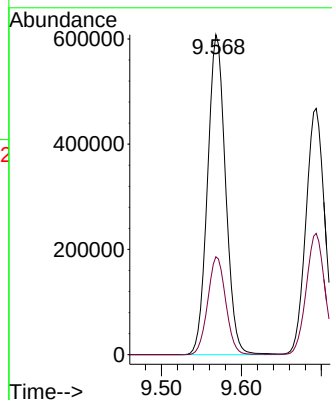
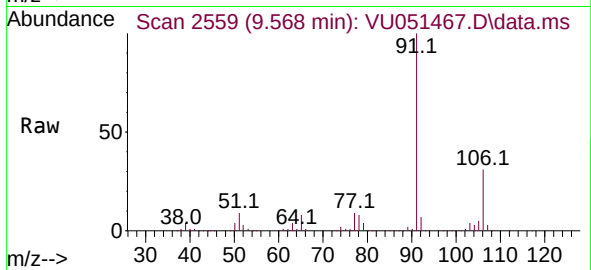




#52
Ethylbenzene
Concen: 52.601 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

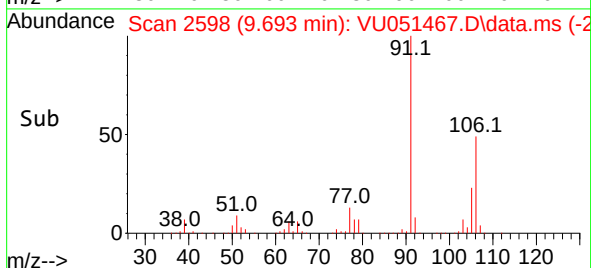
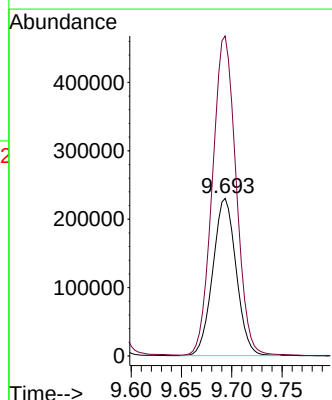
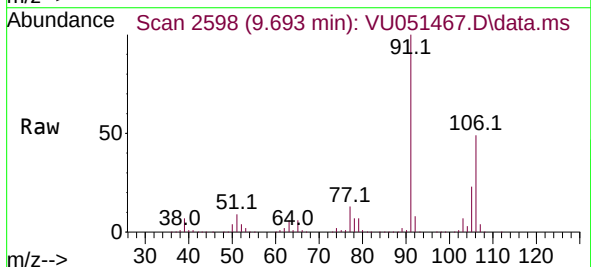
Instrument :
MSVOA_U
ClientSampleId :

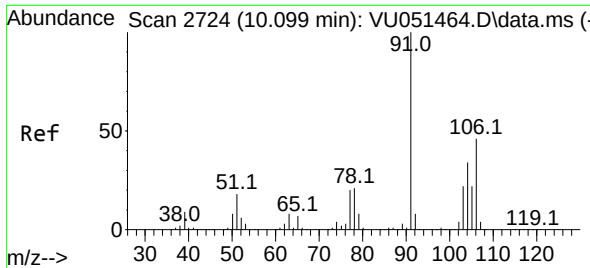
Tgt Ion: 91 Resp: 953944
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.6



#53
m,p-Xylene
Concen: 53.172 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion:106 Resp: 371692
Ion Ratio Lower Upper
106 100
91 203.0 141.3 262.3

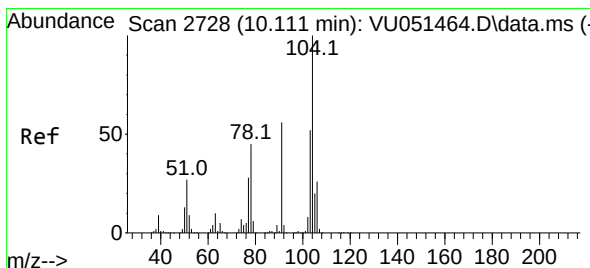
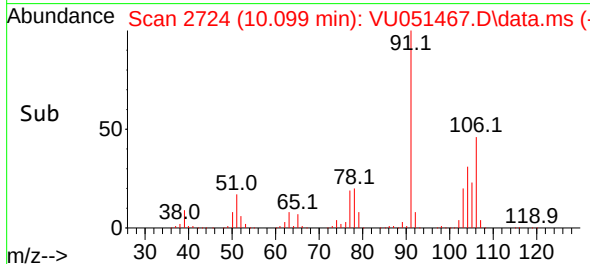
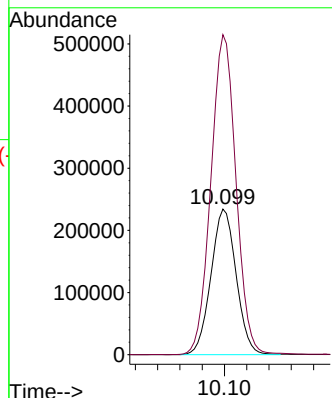
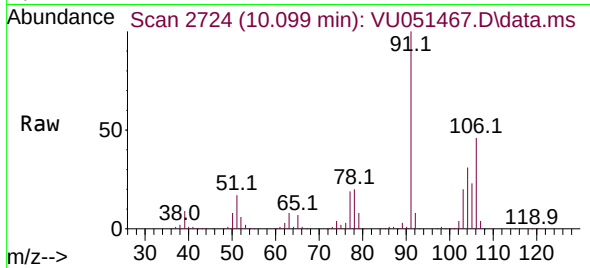




#54
o-Xylene
Concen: 53.091 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

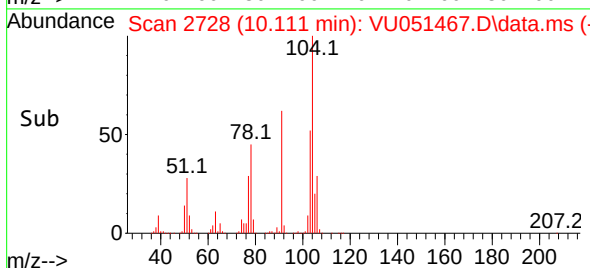
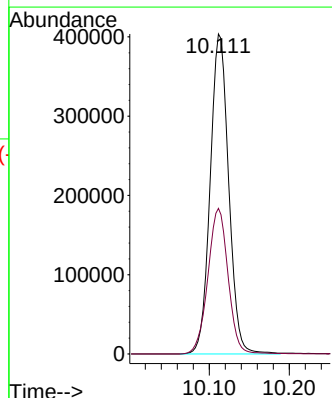
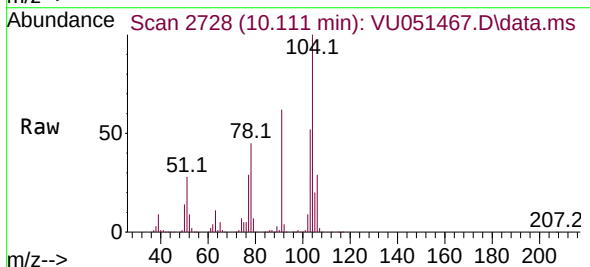
Instrument :
MSVOA_U
ClientSampleId :

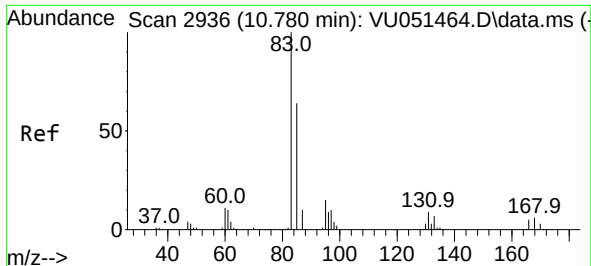
Tgt Ion:106 Resp: 368131
Ion Ratio Lower Upper
106 100
91 219.7 153.2 284.4



#55
Styrene
Concen: 53.899 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion:104 Resp: 649446
Ion Ratio Lower Upper
104 100
78 45.5 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 45.470 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

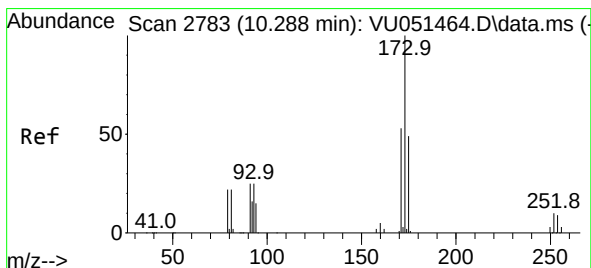
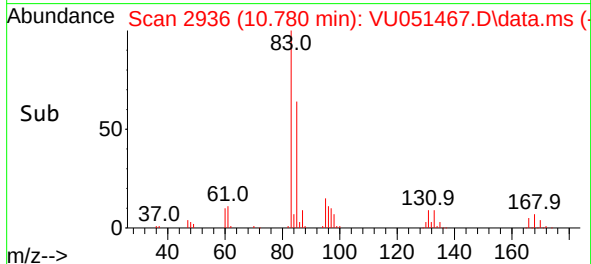
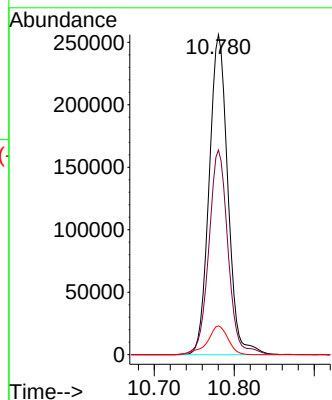
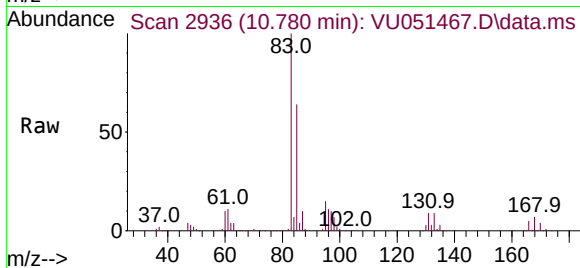
Tgt Ion: 83 Resp: 416169

Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.5

131 9.0 7.4 11.2



#59

Bromoform

Concen: 45.479 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051467.D

Acq: 20 Oct 2022 12:33

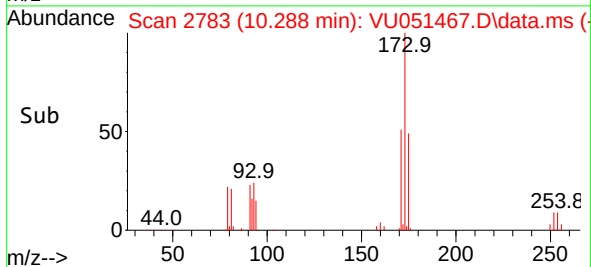
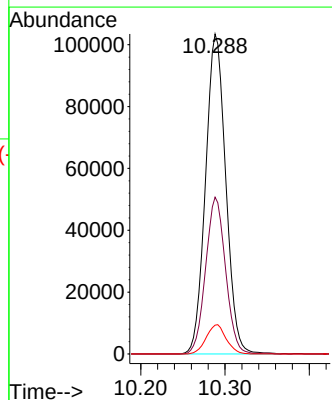
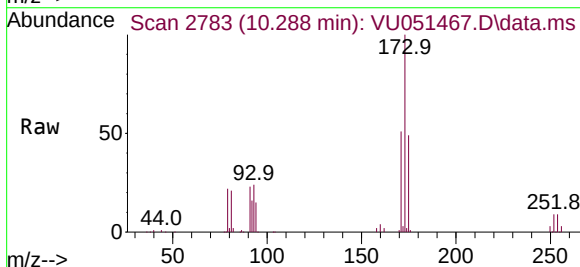
Tgt Ion:173 Resp: 172943

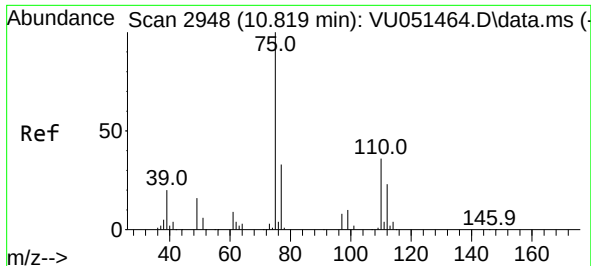
Ion Ratio Lower Upper

173 100

175 48.1 38.4 57.6

254 9.0 7.8 11.6

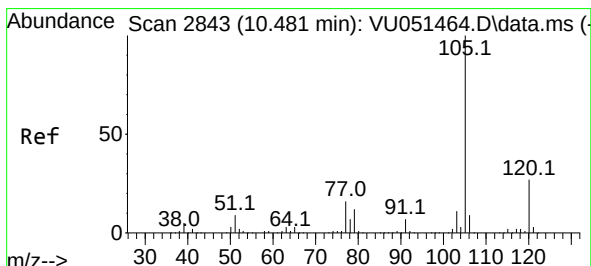
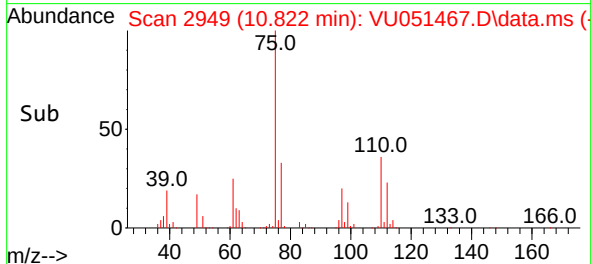
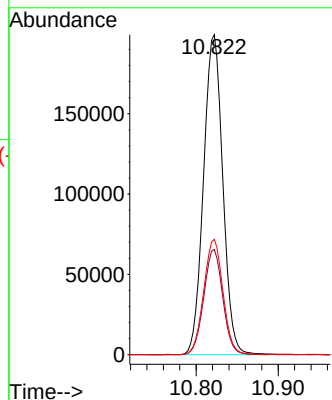
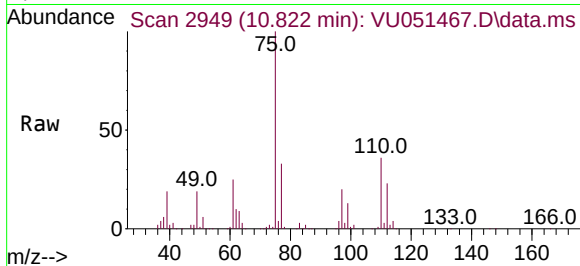




#60
1,2,3-Trichloropropane
Concen: 45.952 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

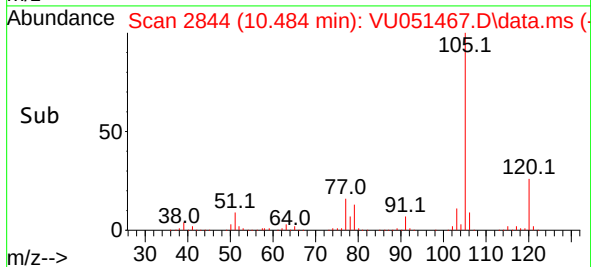
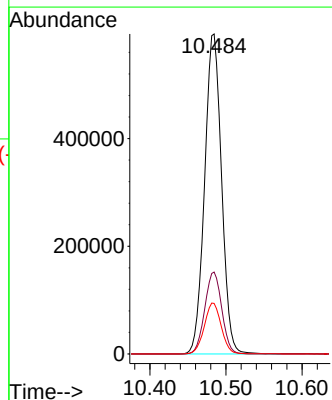
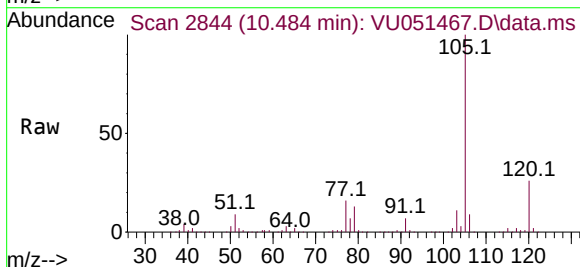
Instrument :
MSVOA_U
ClientSampleId :

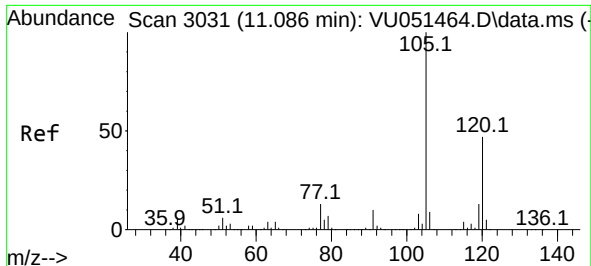
Tgt Ion: 75 Resp: 325137
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
110 36.0 28.7 43.1



#61
Isopropylbenzene
Concen: 53.669 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion: 105 Resp: 920213
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7
77 15.9 12.6 19.0

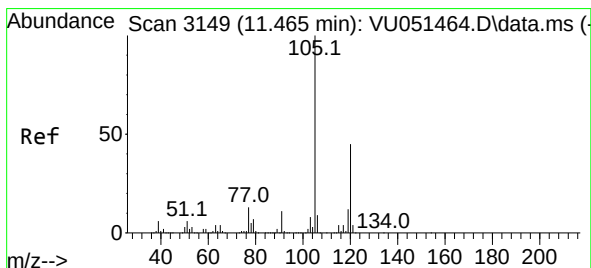
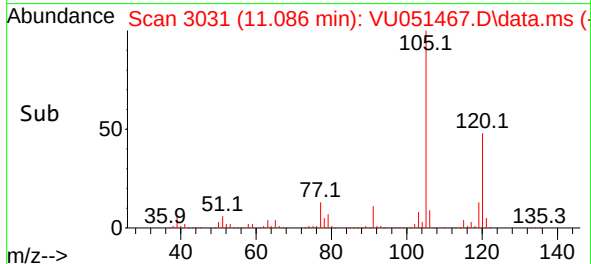
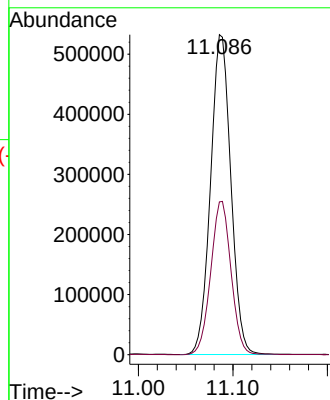
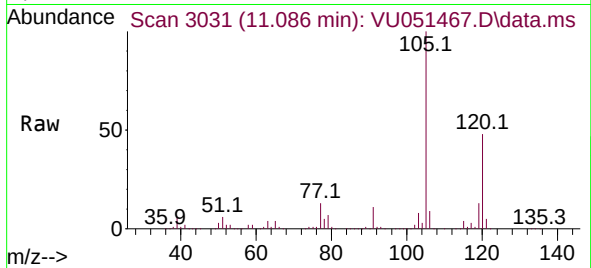




#62
 1,3,5-Trimethylbenzene
 Concen: 54.521 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051467.D
 Acq: 20 Oct 2022 12:33

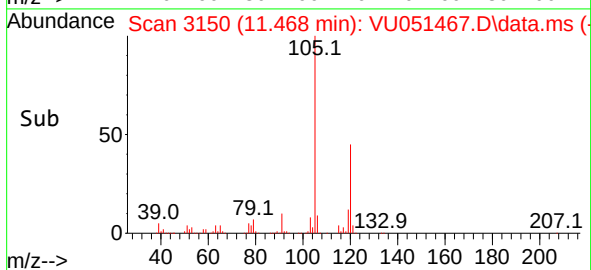
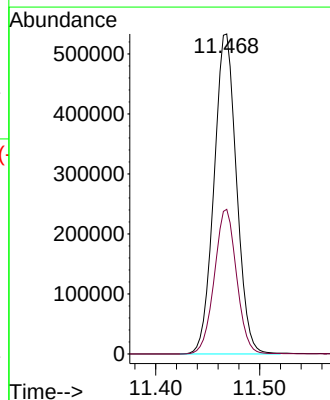
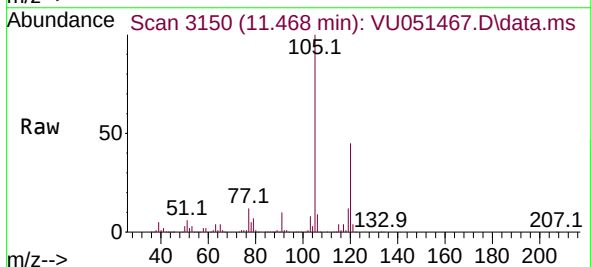
Instrument :
 MSVOA_U
 ClientSampleId :

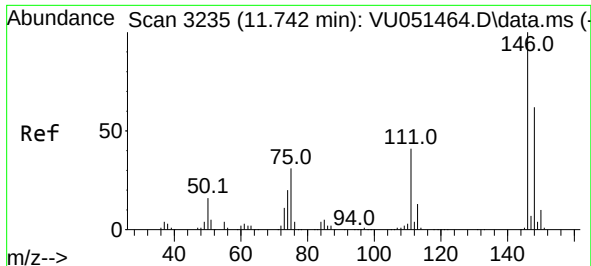
Tgt Ion:105 Resp: 794103
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 55.989 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VU051467.D
 Acq: 20 Oct 2022 12:33

Tgt Ion:105 Resp: 802980
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.4 53.0

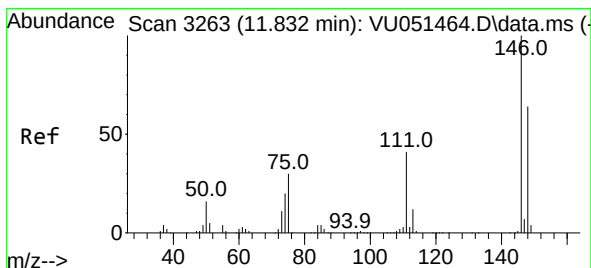
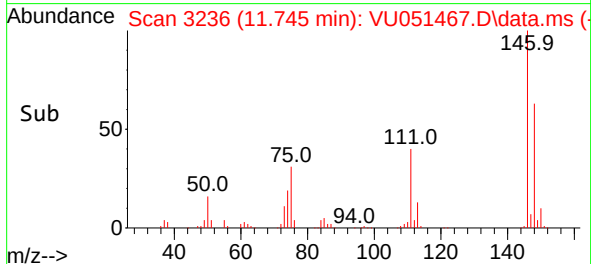
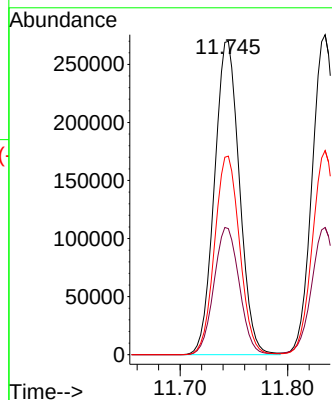
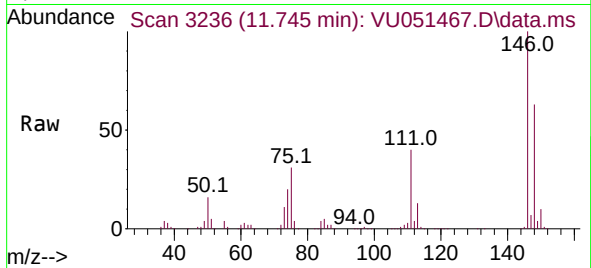




#64
1,3-Dichlorobenzene
Concen: 49.873 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

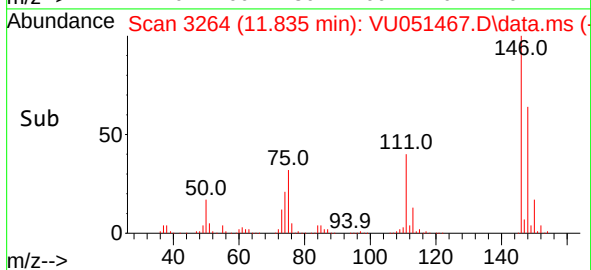
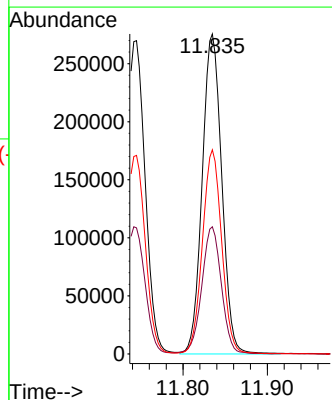
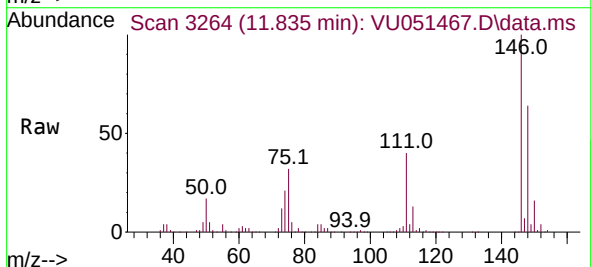
Instrument :
MSVOA_U
ClientSampleId :

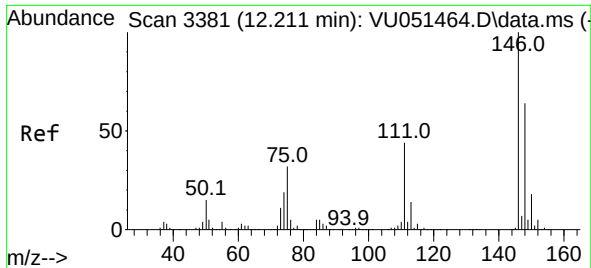
Tgt Ion:146 Resp: 436500
Ion Ratio Lower Upper
146 100
111 40.3 28.7 53.3
148 63.4 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 49.523 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion:146 Resp: 445746
Ion Ratio Lower Upper
146 100
111 39.7 28.9 53.7
148 63.8 44.6 82.8

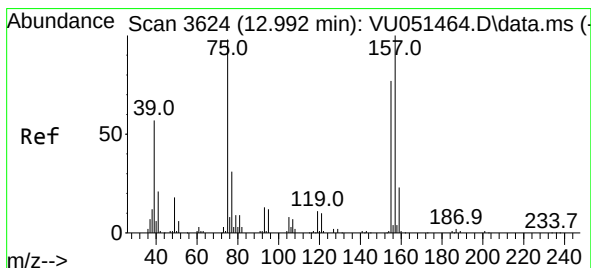
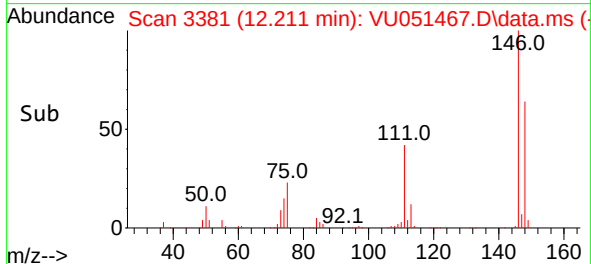
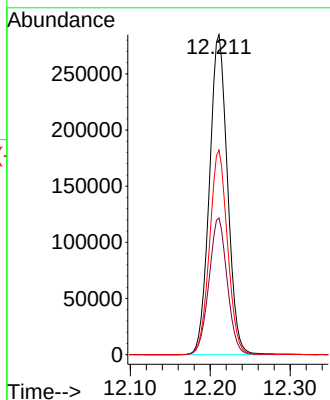
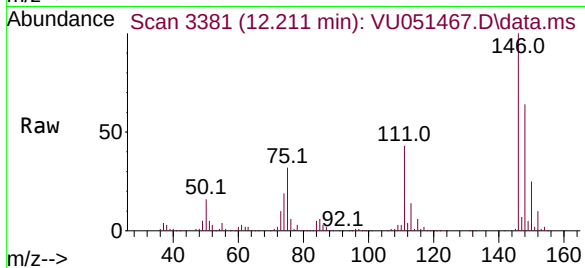




#67
1,2-Dichlorobenzene
Concen: 48.949 ug/L
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

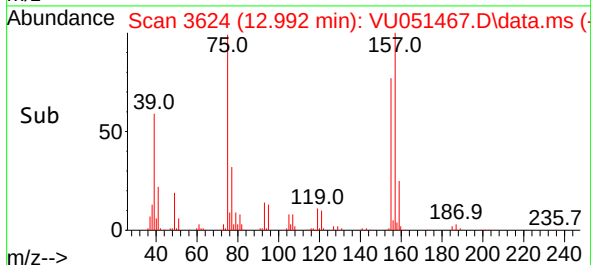
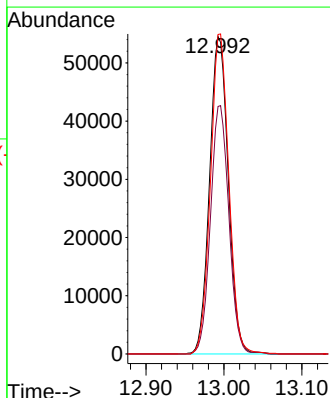
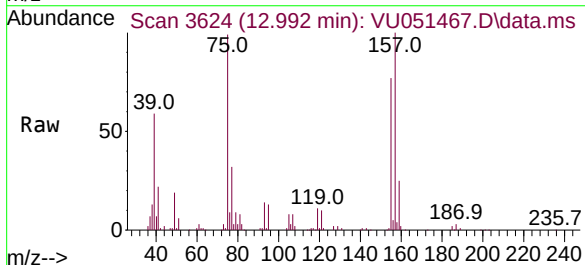
Instrument :
MSVOA_U
ClientSampleId :

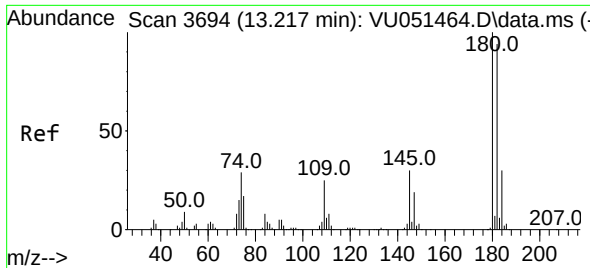
Tgt Ion:146 Resp: 446265
Ion Ratio Lower Upper
146 100
111 42.8 35.3 52.9
148 64.0 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 47.701 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

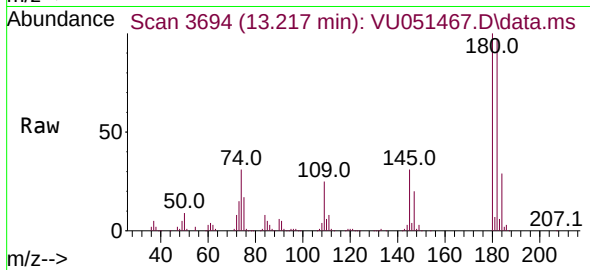
Tgt Ion: 75 Resp: 91095
Ion Ratio Lower Upper
75 100
155 78.0 62.5 93.7
157 100.7 81.6 122.4



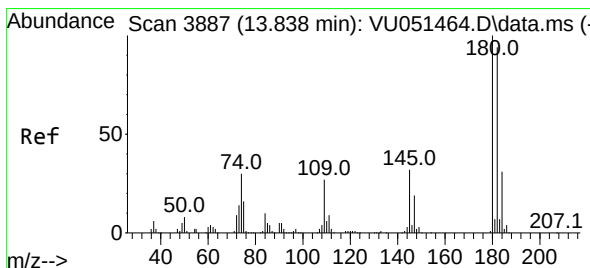
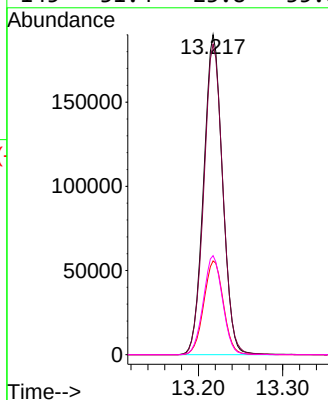
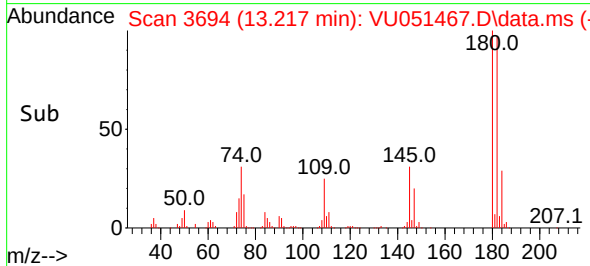


#69
 1,3,5-Trichlorobenzene
 Concen: 50.478 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051467.D
 Acq: 20 Oct 2022 12:33

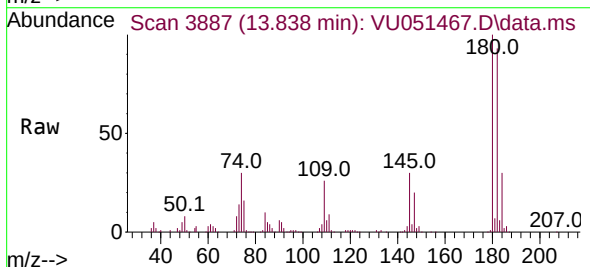
Instrument :
 MSVOA_U
 ClientSampleId :



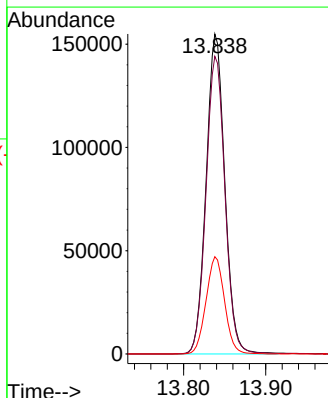
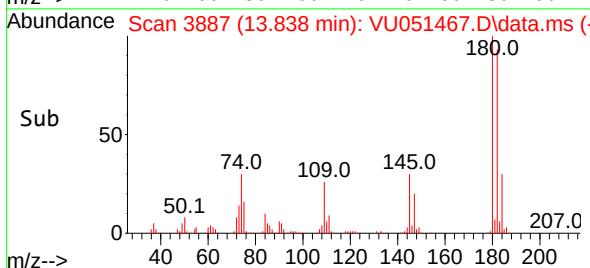
Tgt Ion:180 Resp: 296367
 Ion Ratio Lower Upper
 180 100
 182 97.8 75.6 113.4
 184 30.3 23.9 35.9
 145 31.4 23.8 35.8

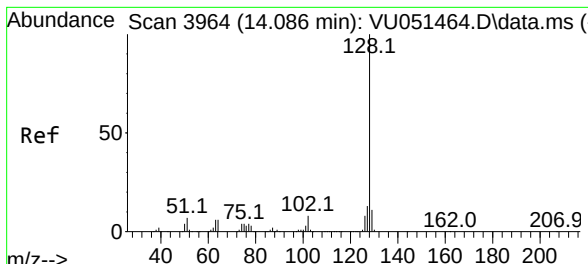


#70
 1,2,4-trichlorobenzene
 Concen: 54.348 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051467.D
 Acq: 20 Oct 2022 12:33



Tgt Ion:180 Resp: 245668
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.2 114.4
 145 30.1 25.0 37.6

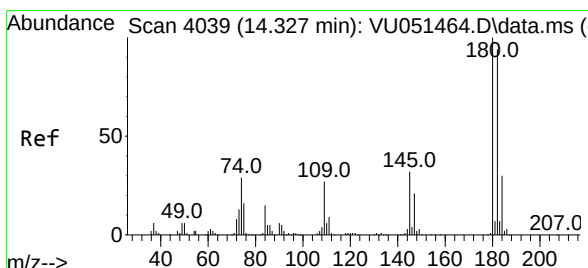
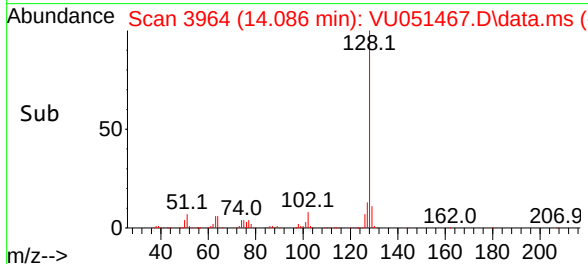
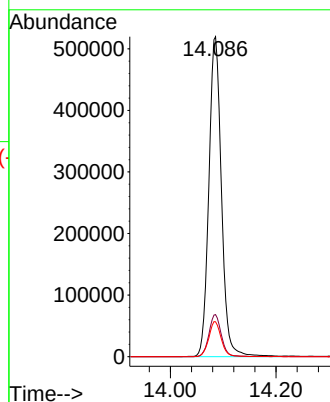
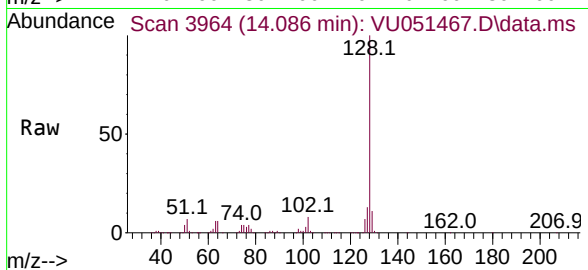




#71
Naphthalene
Concen: 59.296 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 857884
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 56.038 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051467.D
Acq: 20 Oct 2022 12:33

Tgt Ion:180 Resp: 271914
Ion Ratio Lower Upper
180 100
182 93.8 75.4 113.2
145 32.8 25.3 37.9

