

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010923\
 Data File : VU052638.D
 Acq On : 09 Jan 2023 12:27
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 21:01:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 09 20:59:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	307514	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	308355	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	169112	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	129261	37.317	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.640%
7) Chloroethane-d5	1.909	69	102591	37.856	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.720%
11) 1,1-Dichloroethene-d2	2.565	63	230774	40.515	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.040%
21) 2-Butanone-d5	4.626	46	209977	95.790	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.790%
24) Chloroform-d	5.060	84	242702	44.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	5.697	65	165467	46.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
32) Benzene-d6	5.722	84	487578	45.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.440%
36) 1,2-Dichloropropane-d6	6.687	67	172217	45.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	7.893	98	419550	46.396	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.176	79	65825	40.431	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.860%
47) 2-Hexanone-d5	8.639	63	136380	103.297	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.300%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	235477	47.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.420%
66) 1,2-Dichlorobenzene-d4	12.188	152	155176	47.791	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	108380	40.810	ug/L	100
3) Chloromethane	1.520	50	150509	40.944	ug/L	99
5) Vinyl chloride	1.607	62	138627	40.551	ug/L	100
6) Bromomethane	1.858	94	73229	44.848	ug/L	98
8) Chloroethane	1.928	64	86735	39.306	ug/L	100
9) Trichlorofluoromethane	2.134	101	171000	43.829	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	98567	42.099	ug/L	99
12) 1,1-Dichloroethene	2.578	96	98791	45.667	ug/L	81
13) Acetone	2.633	43	164693	74.116	ug/L	96
14) Carbon disulfide	2.790	76	283677	42.717	ug/L	100
15) Methyl Acetate	2.948	43	165982	48.084	ug/L	98
16) Methylene chloride	3.044	84	142937	49.653	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	105603	46.725	ug/L	94
18) Methyl tert-butyl Ether	3.359	73	385122	52.796	ug/L	98
19) 1,1-Dichloroethane	3.864	63	244332	46.996	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	126876	50.291	ug/L	95
22) 2-Butanone	4.703	43	240182	92.437	ug/L	100
23) Bromochloromethane	4.970	128	66255	51.484	ug/L	93
25) Chloroform	5.083	83	246175	50.091	ug/L	100

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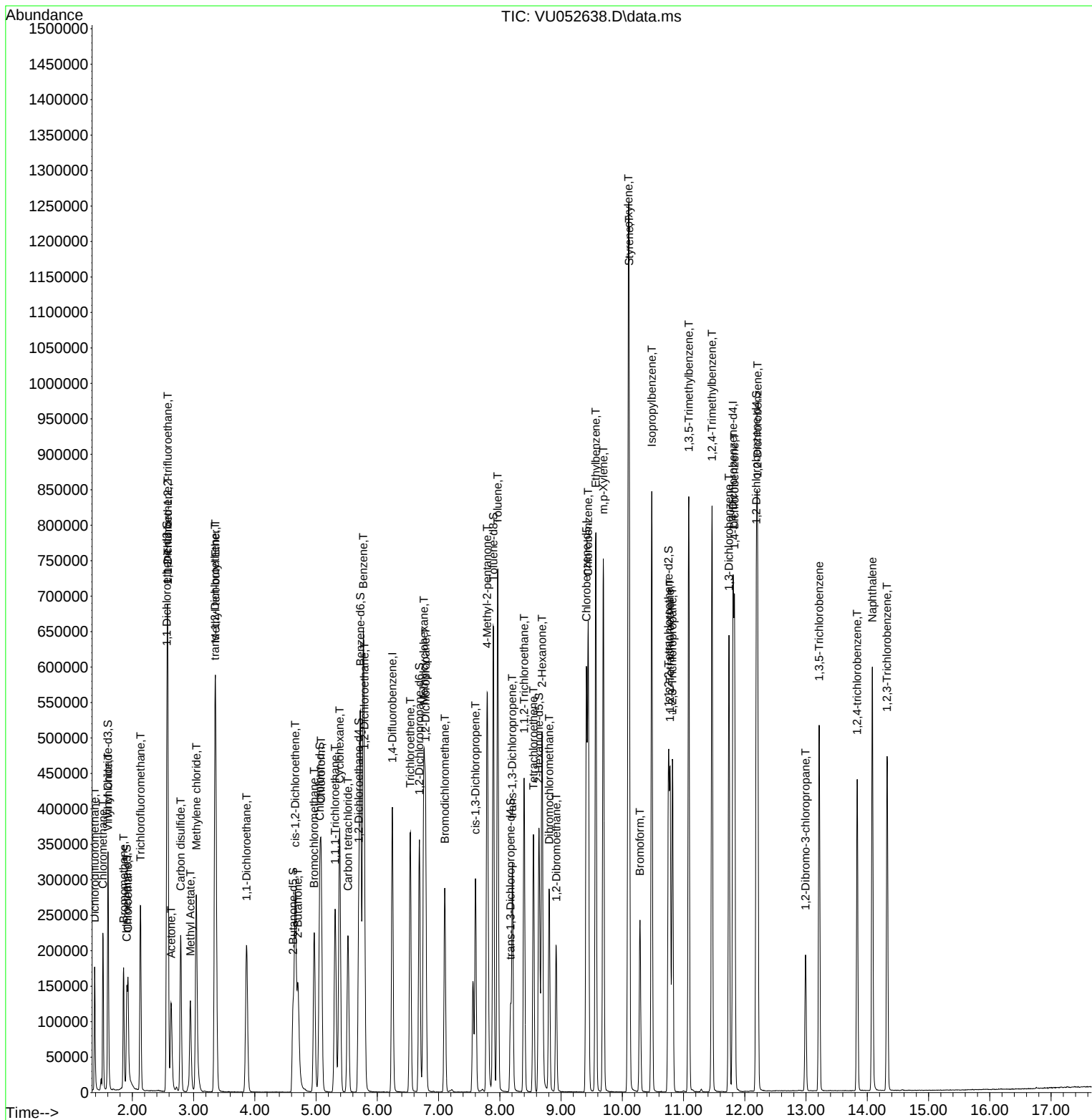
Instrument :
 MSVOA_U
 ClientSampleId :

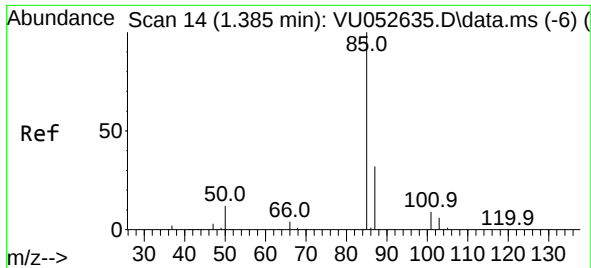
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 Quant Title : VOC Analysis
 QLast Update : Mon Jan 09 20:59:53 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	198385	48.900	ug/L	99
29) Cyclohexane	5.385	56	183285	44.740	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	185743	47.037	ug/L	97
31) Carbon tetrachloride	5.520	117	149703	45.838	ug/L	98
33) Benzene	5.771	78	529726	49.050	ug/L	100
34) Trichloroethene	6.539	95	124113	50.435	ug/L	99
35) Methylcyclohexane	6.761	83	163292	42.219	ug/L	97
37) 1,2-Dichloropropane	6.787	63	155212	48.821	ug/L	100
38) Bromodichloromethane	7.102	83	188695	49.503	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	174001	41.493	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	462971	108.855	ug/L	97
42) Toluene	7.967	91	522021	50.259	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	179495	44.416	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	138970	53.168	ug/L	96
46) Tetrachloroethene	8.549	164	76808	45.481	ug/L	97
48) 2-Hexanone	8.690	43	364753	104.003	ug/L	98
49) Dibromochloromethane	8.806	129	144157	52.887	ug/L	99
50) 1,2-Dibromoethane	8.922	107	135037	51.200	ug/L	100
51) Chlorobenzene	9.443	112	325995	49.350	ug/L	97
52) Ethylbenzene	9.568	91	535701	49.750	ug/L	99
53) m,p-Xylene	9.690	106	206470	51.341	ug/L	99
54) o-xylene	10.098	106	206783	53.583	ug/L	96
55) Styrene	10.111	104	380037	55.270	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	224503	47.231	ug/L	99
59) Bromoform	10.288	173	105921	56.347	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	199560	53.160	ug/L	99
61) Isopropylbenzene	10.481	105	514510	51.555	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	432048	53.092	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	433708	53.928	ug/L	100
64) 1,3-Dichlorobenzene	11.741	146	241762	50.317	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	245012	48.398	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	253116	51.258	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	51791	49.660	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	153601	45.269	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	126532	43.831	ug/L	99
71) Naphthalene	14.082	128	449889	50.420	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	140927	47.517	ug/L	99

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

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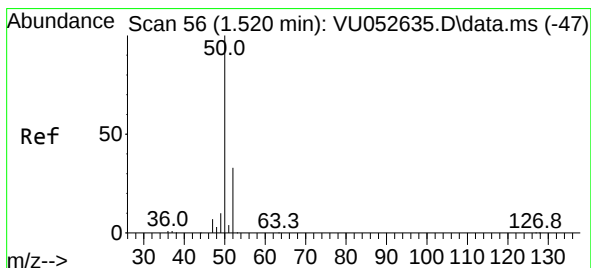
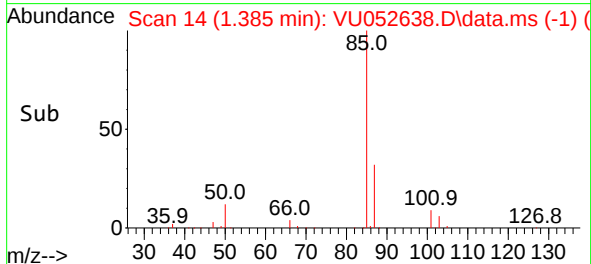
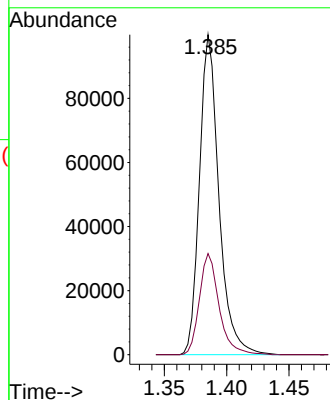
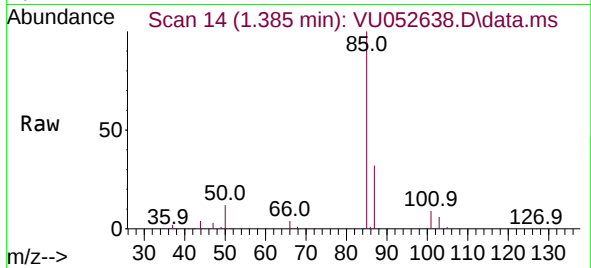




#2
Dichlorodifluoromethane
Concen: 40.810 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

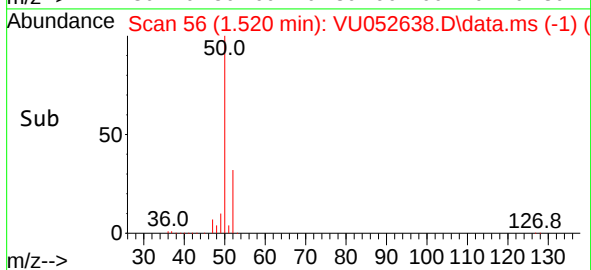
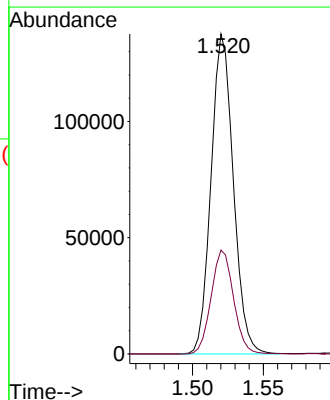
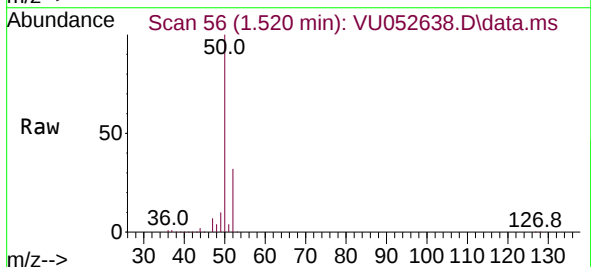
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MSVOA_U
ClientSampleId :

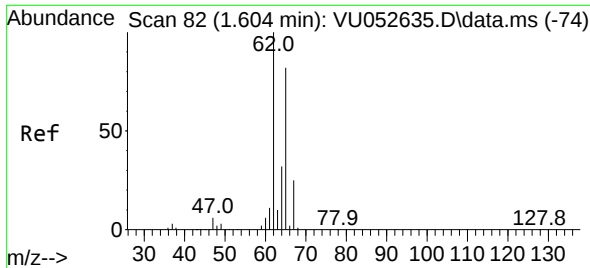
Tgt Ion: 85 Resp: 108380
Ion Ratio Lower Upper
85 100
87 31.9 25.5 38.3



#3
Chloromethane
Concen: 40.944 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion: 50 Resp: 150509
Ion Ratio Lower Upper
50 100
52 32.5 22.3 41.5

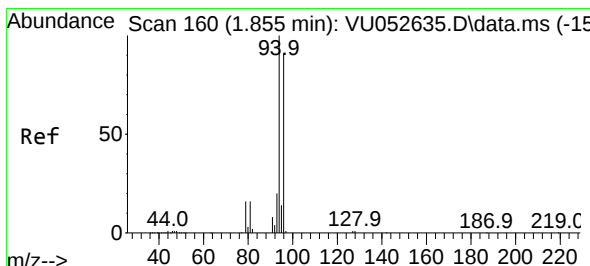
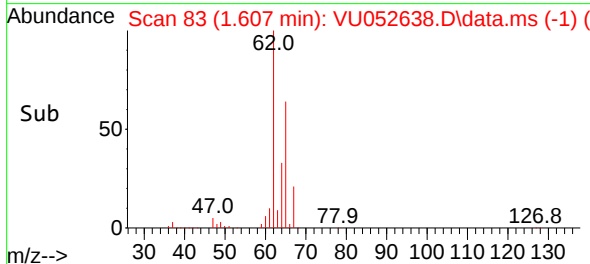
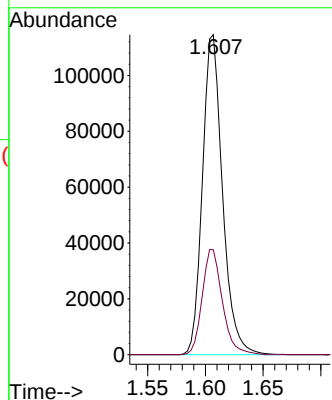
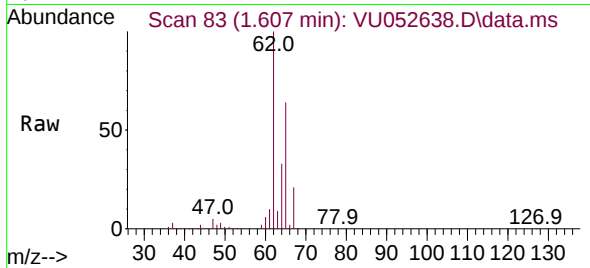




#5
 Vinyl chloride
 Concen: 40.551 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU052638.D
 Acq: 09 Jan 2023 12:27

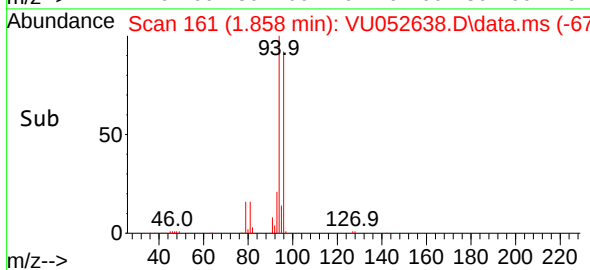
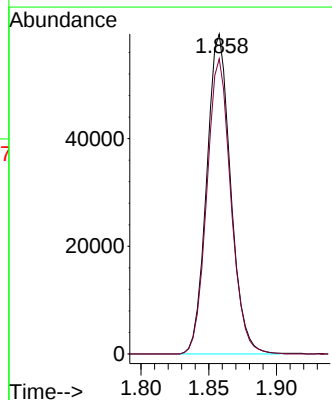
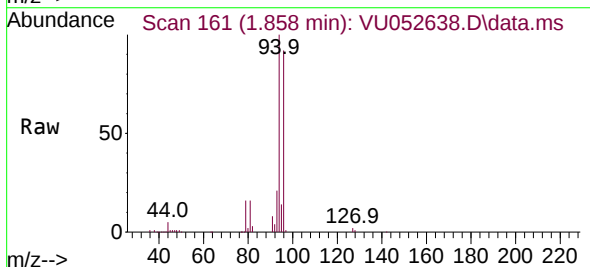
Instrument :
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 ClientSampleId :

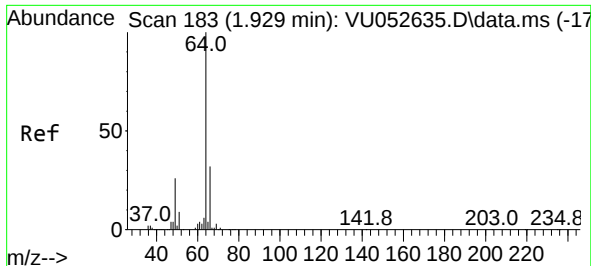
Tgt Ion: 62 Resp: 138627
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 44.848 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU052638.D
 Acq: 09 Jan 2023 12:27

Tgt Ion: 94 Resp: 73229
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.8 122.2

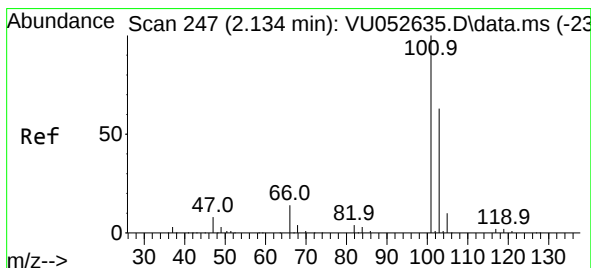
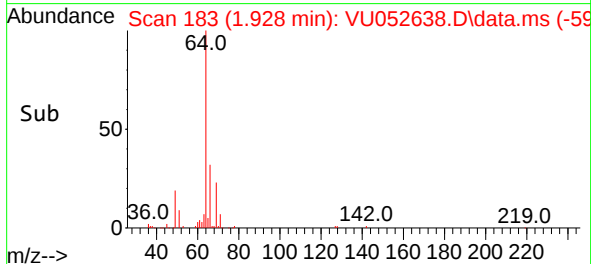
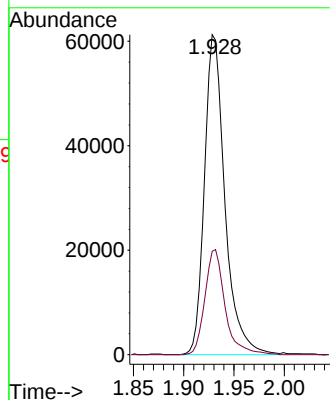
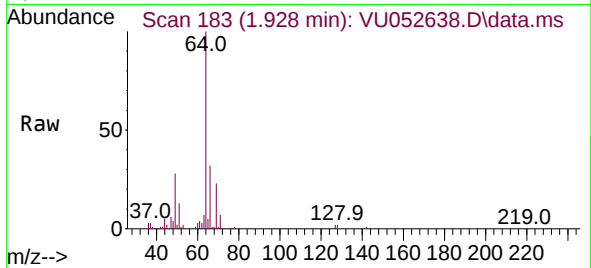




#8
Chloroethane
Concen: 39.306 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

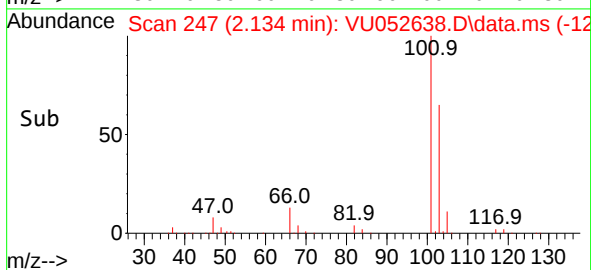
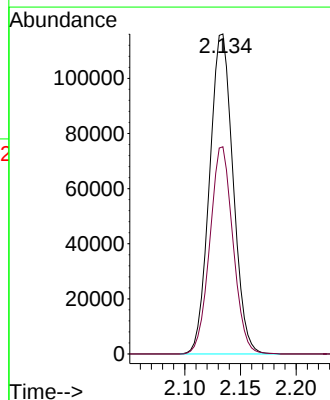
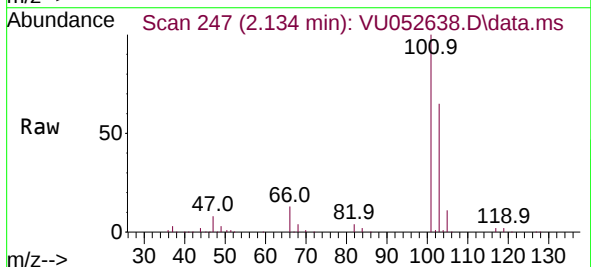
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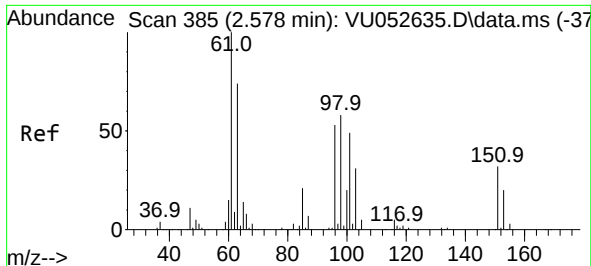
Tgt Ion: 64 Resp: 86735
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 43.829 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion:101 Resp: 171000
Ion Ratio Lower Upper
101 100
103 63.7 50.2 75.2

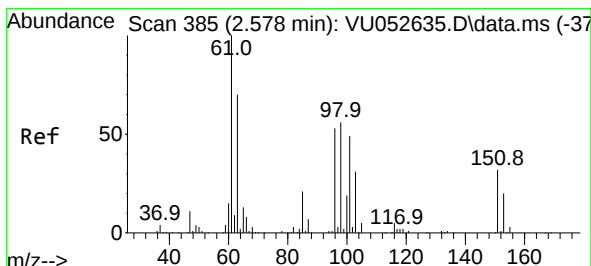
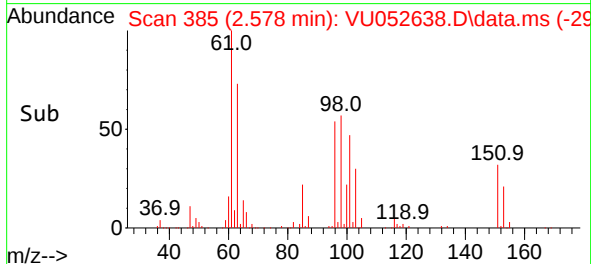
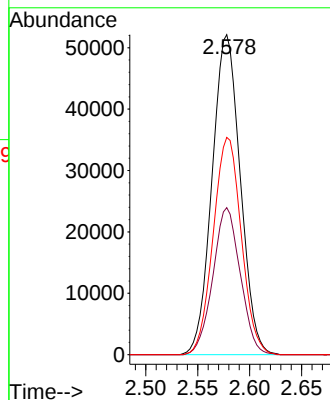
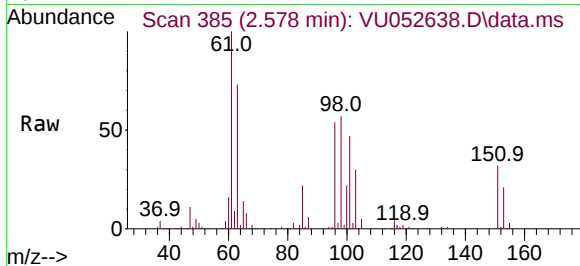




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.099 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU052638.D
 Acq: 09 Jan 2023 12:27

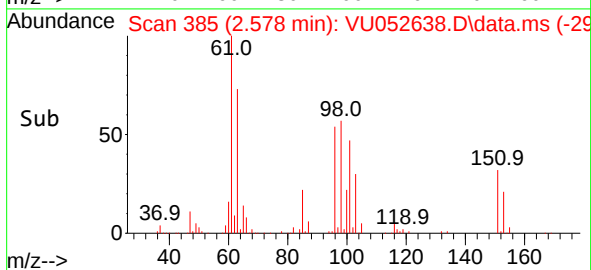
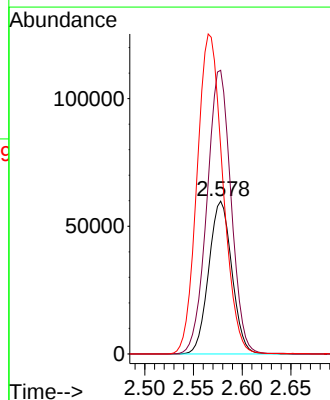
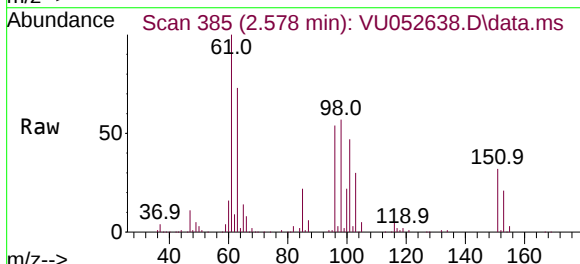
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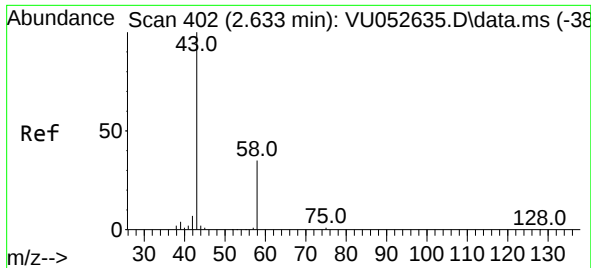
Tgt Ion:101 Resp: 98567
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.8 53.6
 151 67.6 53.2 79.8



#12
 1,1-Dichloroethene
 Concen: 45.667 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU052638.D
 Acq: 09 Jan 2023 12:27

Tgt Ion: 96 Resp: 98791
 Ion Ratio Lower Upper
 96 100
 61 185.5 140.8 261.6
 63 135.2 122.6 227.6





#13

Acetone

Concen: 74.116 ug/L

RT: 2.633 min Scan# 402

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

Instrument :

MSVOA_U

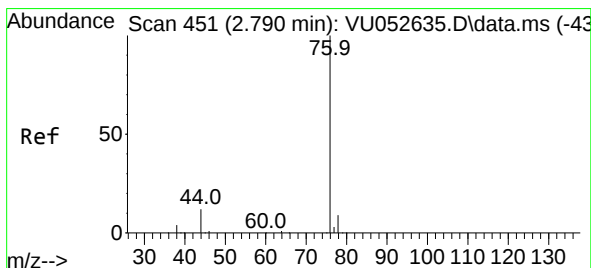
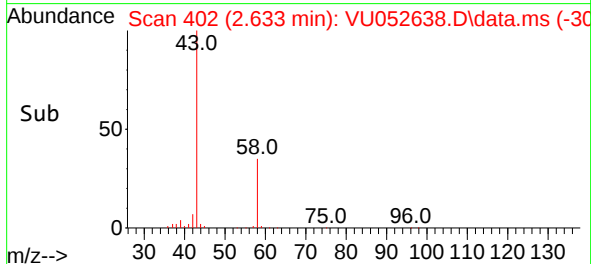
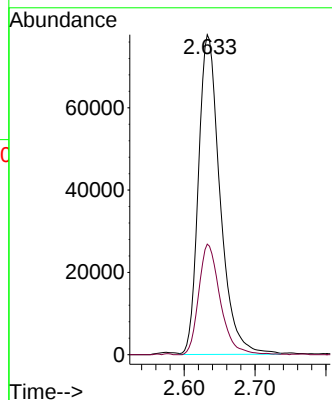
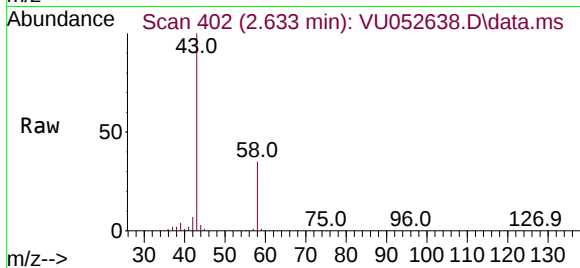
ClientSampleId :

Tgt Ion: 43 Resp: 164693

Ion Ratio Lower Upper

43 100

58 34.2 0.0 64.4



#14

Carbon disulfide

Concen: 42.717 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU052638.D

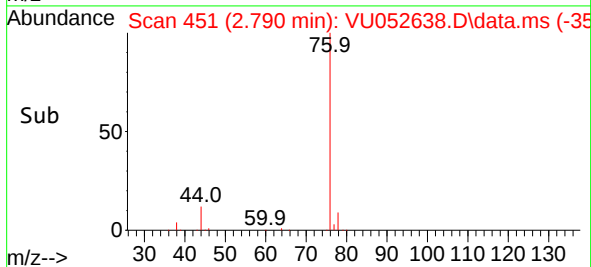
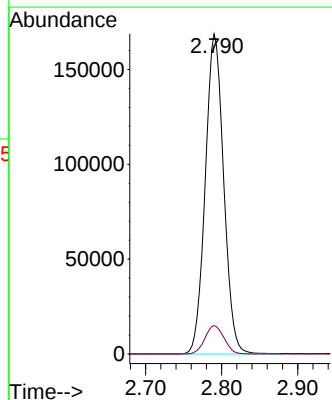
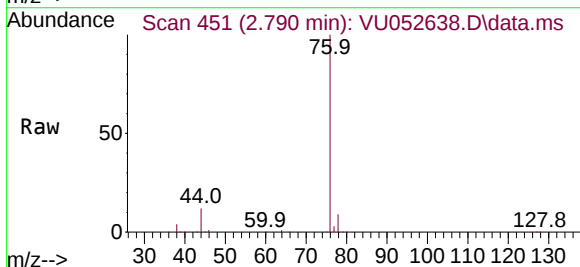
Acq: 09 Jan 2023 12:27

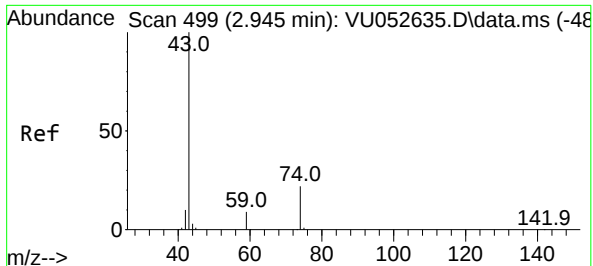
Tgt Ion: 76 Resp: 283677

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6

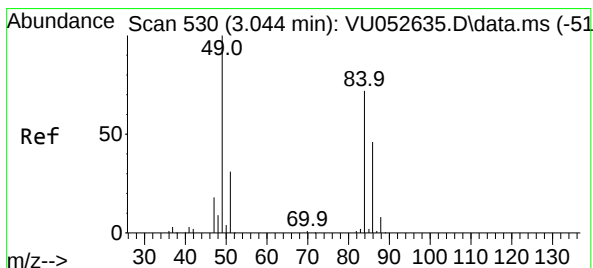
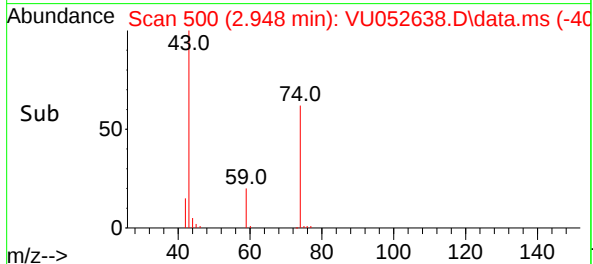
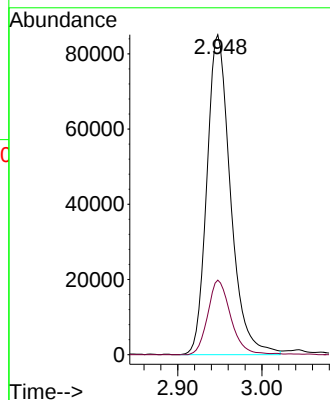
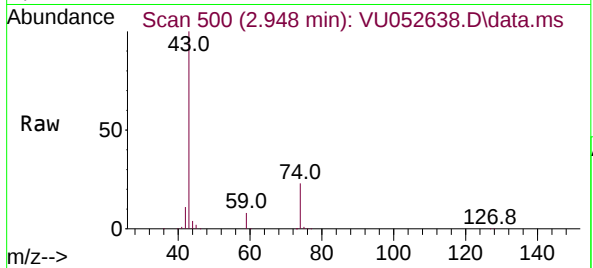




#15
Methyl Acetate
Concen: 48.084 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

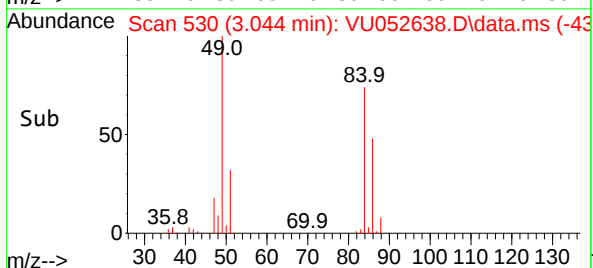
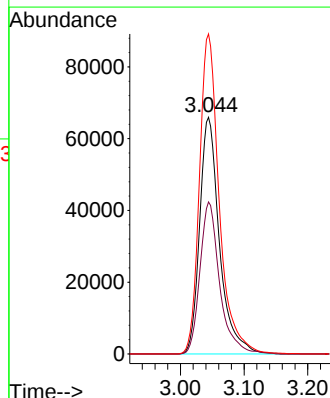
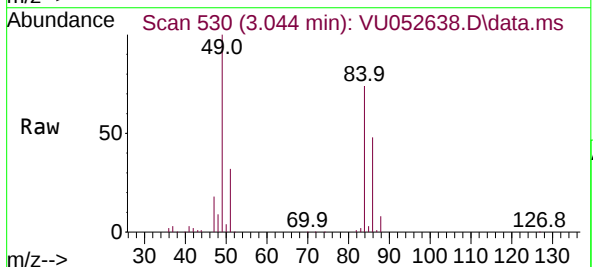
Instrument :
MSVOA_U
ClientSampleId :

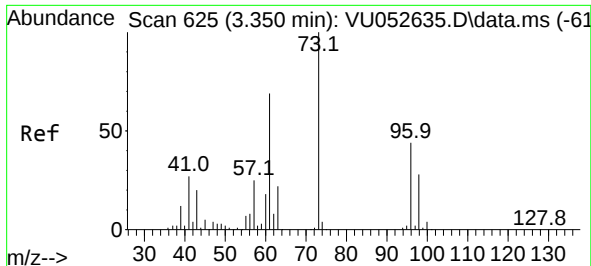
Tgt Ion: 43 Resp: 165982
Ion Ratio Lower Upper
43 100
74 22.5 17.2 25.8



#16
Methylene chloride
Concen: 49.653 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion: 84 Resp: 142937
Ion Ratio Lower Upper
84 100
86 64.2 44.7 83.1
49 135.2 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 46.725 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

Instrument :

MSVOA_U

ClientSampleId :

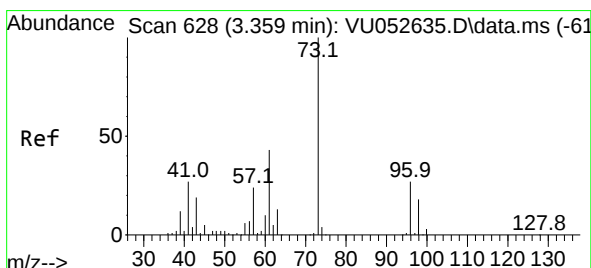
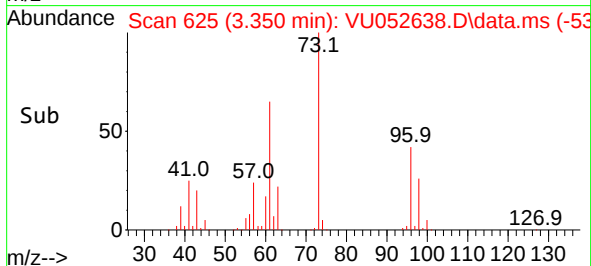
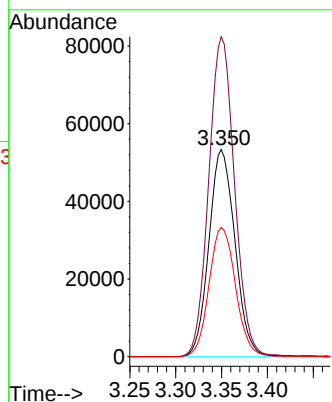
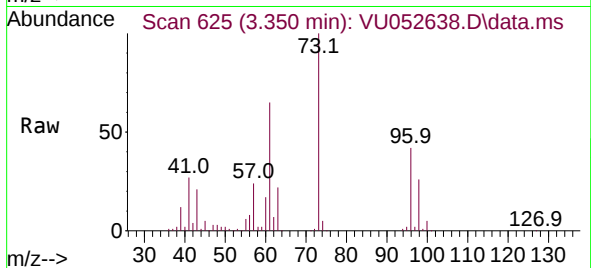
Tgt Ion: 96 Resp: 105603

Ion Ratio Lower Upper

96 100

61 154.4 115.3 214.1

98 62.4 44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 52.796 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

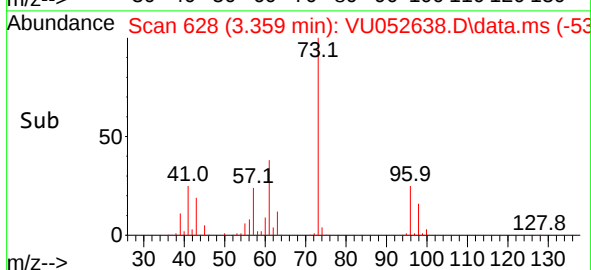
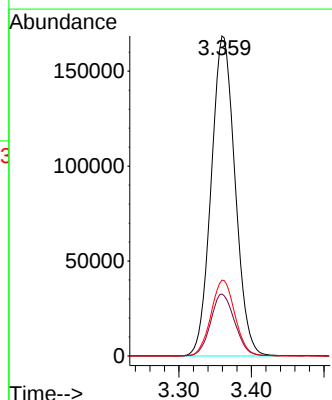
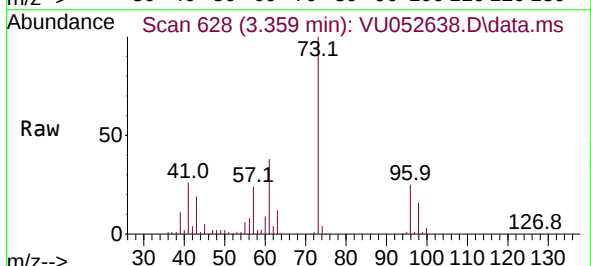
Tgt Ion: 73 Resp: 385122

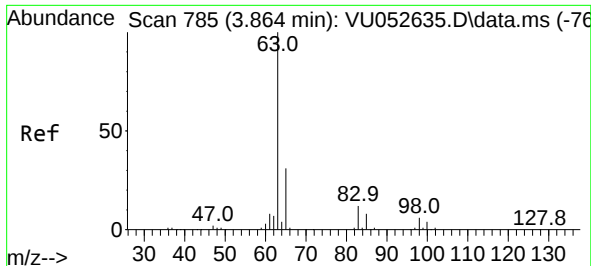
Ion Ratio Lower Upper

73 100

43 19.7 16.3 24.5

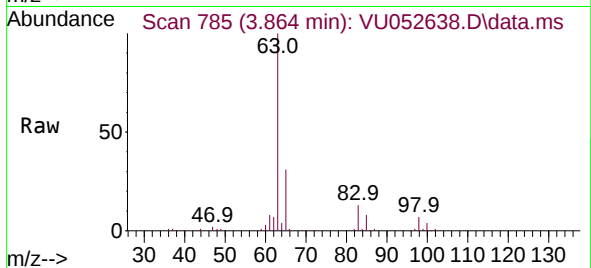
57 23.8 19.6 29.4



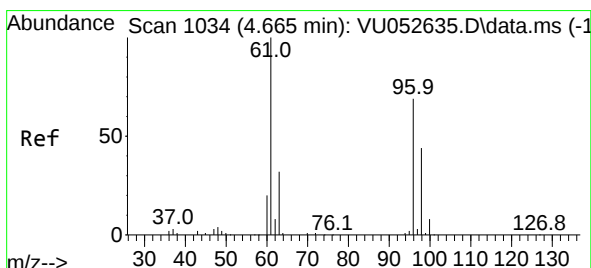
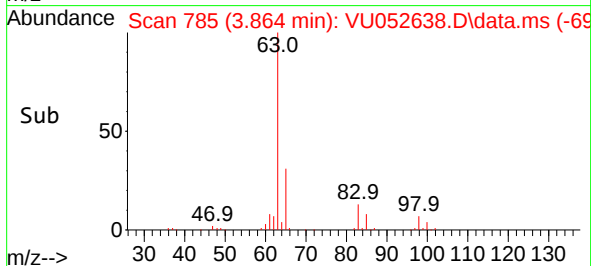
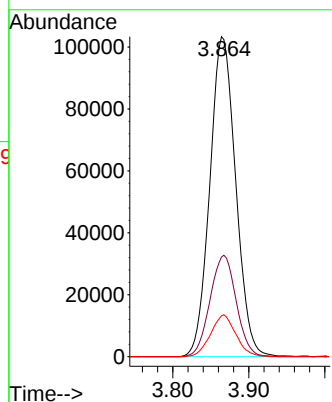


#19
1,1-Dichloroethane
Concen: 46.996 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Instrument :
MSVOA_U
ClientSampleId :

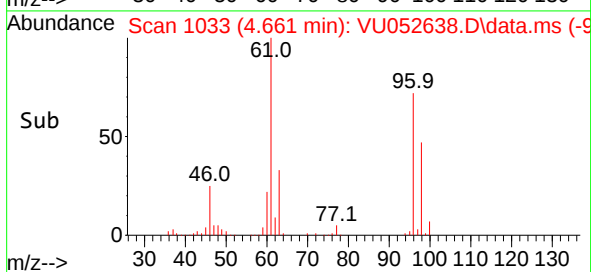
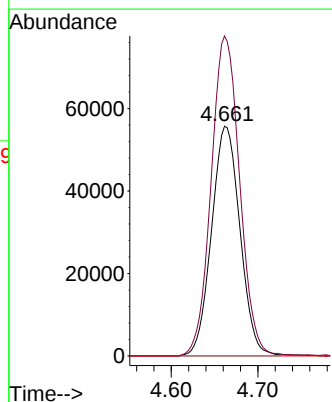
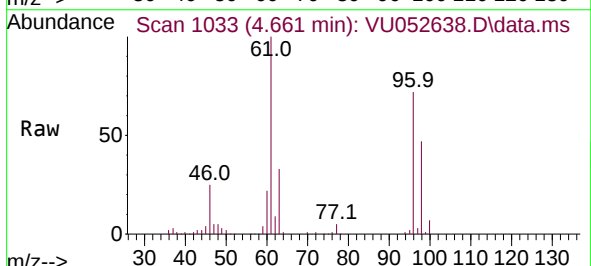


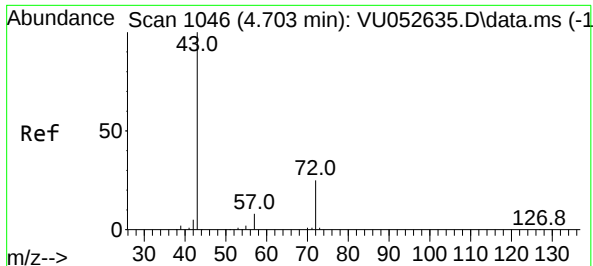
Tgt Ion: 63 Resp: 244332
Ion Ratio Lower Upper
63 100
65 31.1 22.2 41.2
83 12.8 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 50.291 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion: 96 Resp: 126876
Ion Ratio Lower Upper
96 100
61 139.3 102.1 189.7
68 0.0 0.0 0.0

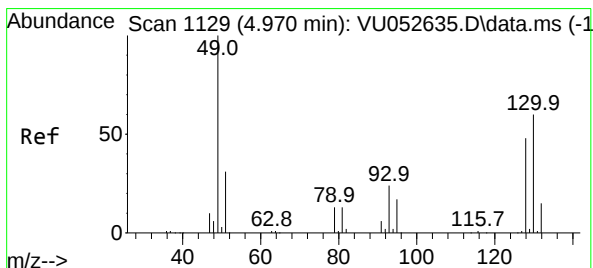
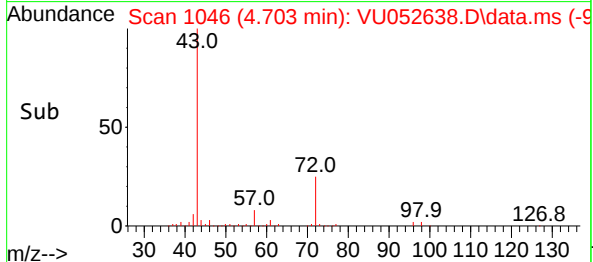
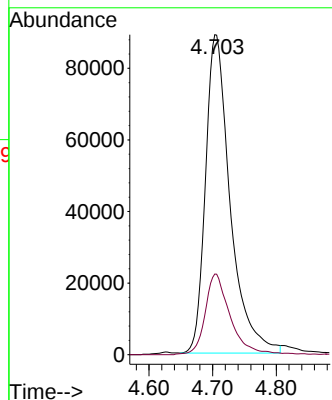
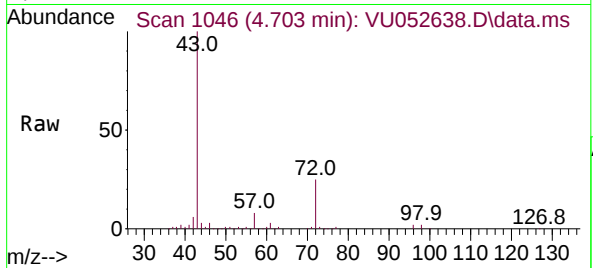




#22
2-Butanone
Concen: 92.437 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

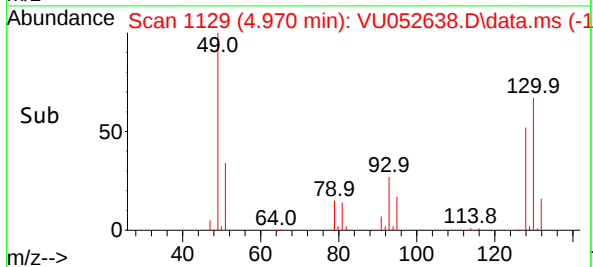
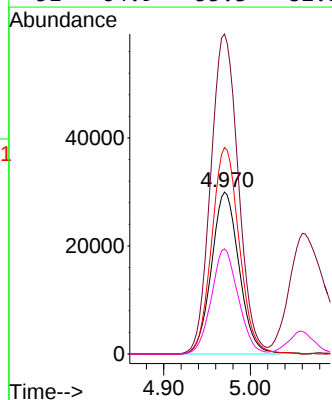
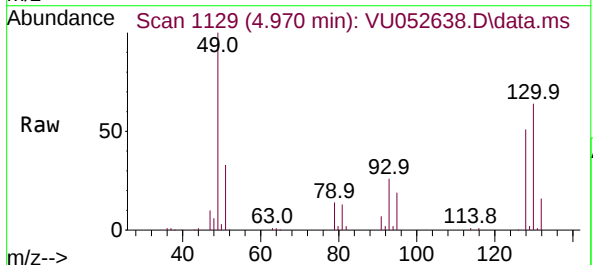
Instrument :
MSVOA_U
ClientSampleId :

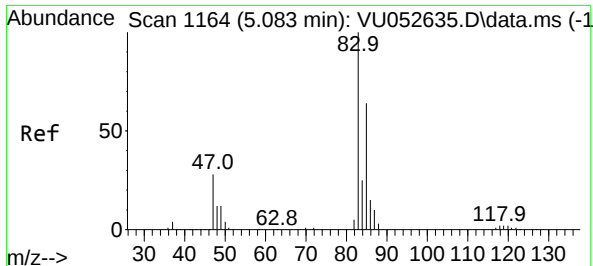
Tgt Ion: 43 Resp: 240182
Ion Ratio Lower Upper
43 100
72 25.1 12.4 37.4



#23
Bromochloromethane
Concen: 51.484 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion:128 Resp: 66255
Ion Ratio Lower Upper
128 100
49 197.6 152.3 282.9
130 127.4 89.2 165.8
51 64.9 55.3 82.9

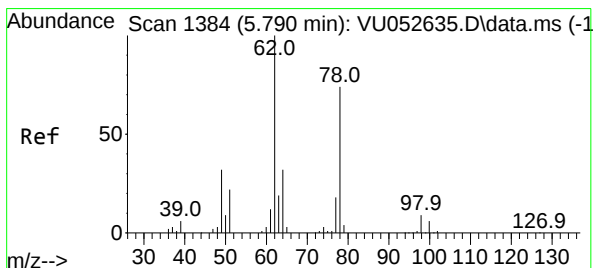
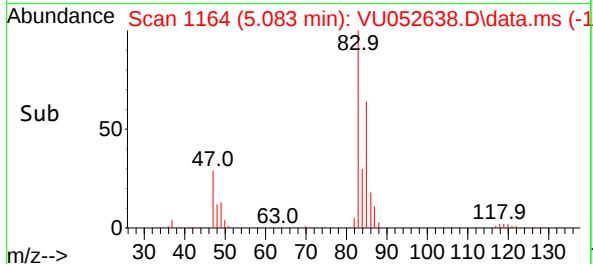
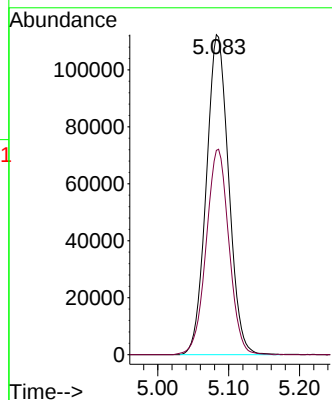
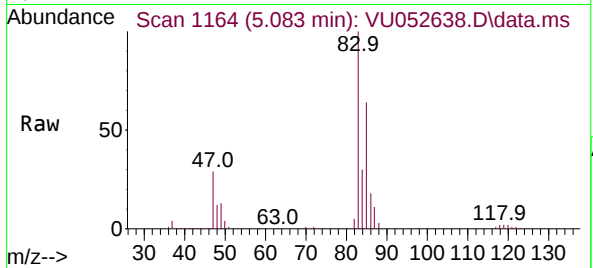




#25
Chloroform
Concen: 50.091 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

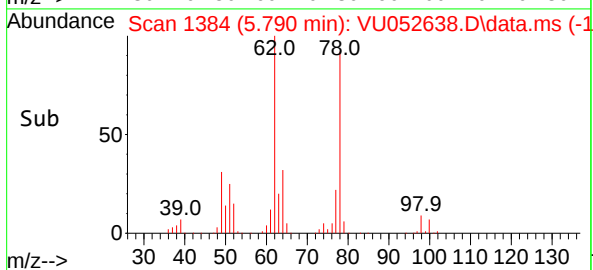
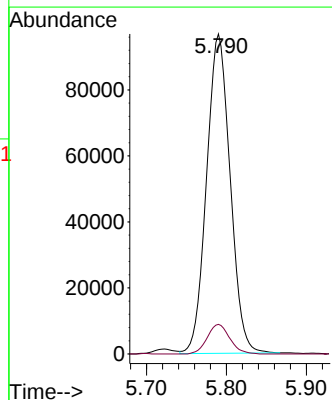
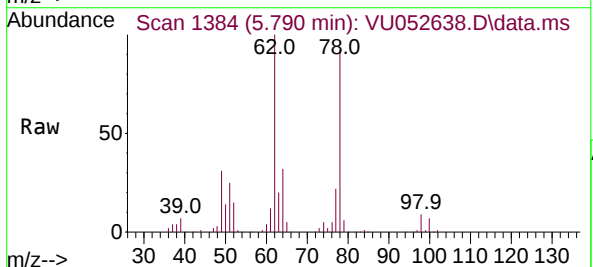
Instrument :
MSVOA_U
ClientSampleId :

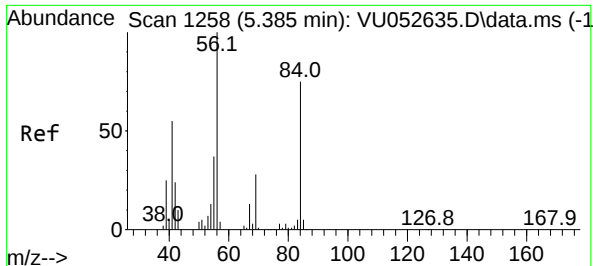
Tgt Ion: 83 Resp: 246175
Ion Ratio Lower Upper
83 100
85 63.8 44.9 83.5



#27
1,2-Dichloroethane
Concen: 48.900 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion: 62 Resp: 198385
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 44.740 ug/L

RT: 5.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

Instrument :

MSVOA_U

ClientSampleId :

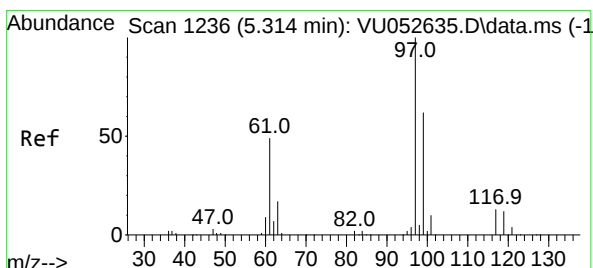
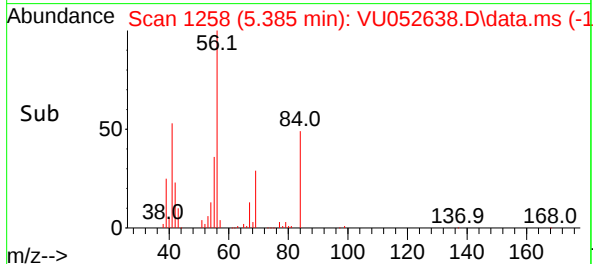
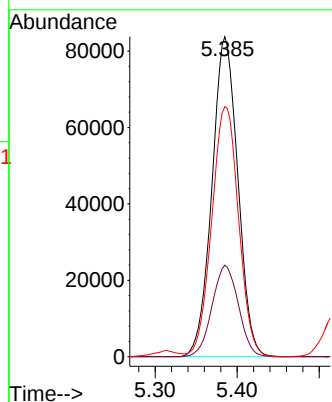
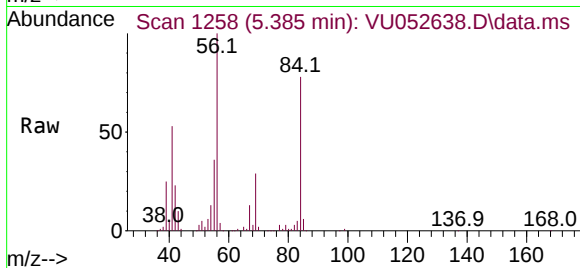
Tgt Ion: 56 Resp: 183285

Ion Ratio Lower Upper

56 100

69 29.1 22.5 33.7

84 81.0 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 47.037 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

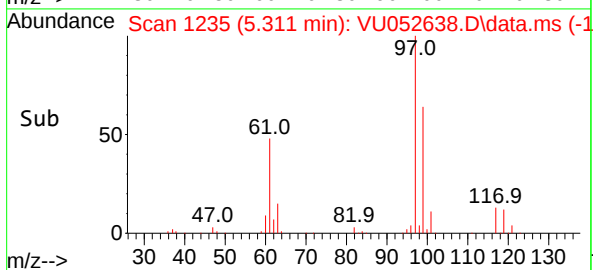
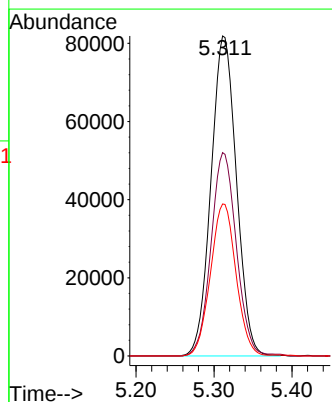
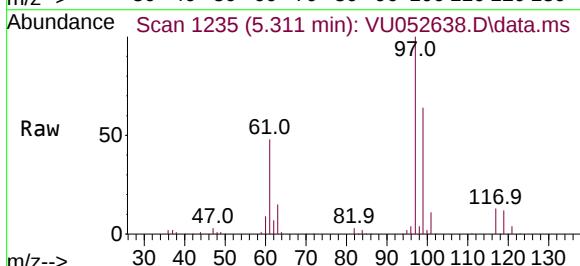
Tgt Ion: 97 Resp: 185743

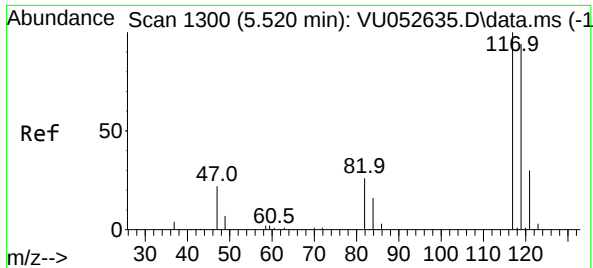
Ion Ratio Lower Upper

97 100

99 63.2 51.1 76.7

61 47.6 41.2 61.8

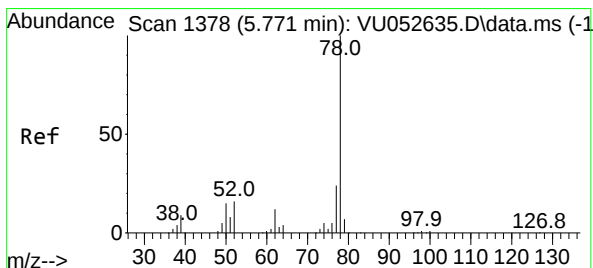
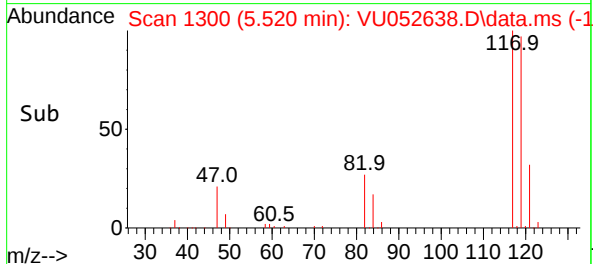
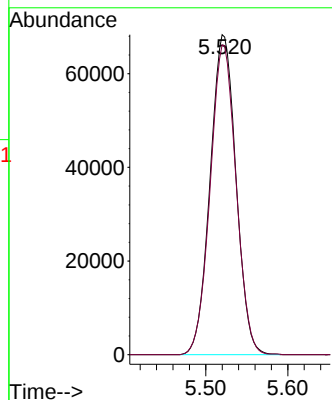
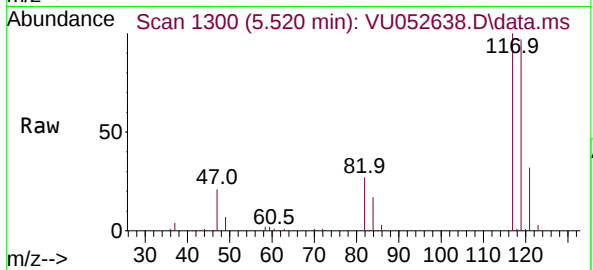




#31
Carbon tetrachloride
Concen: 45.838 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

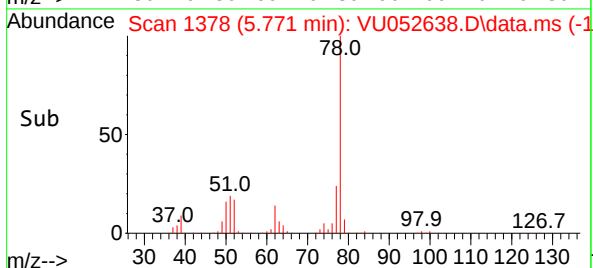
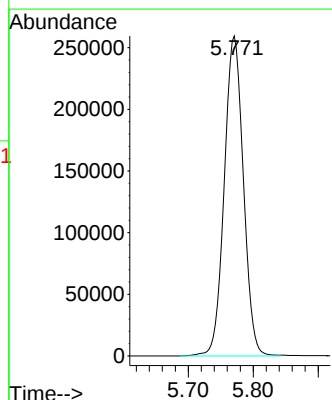
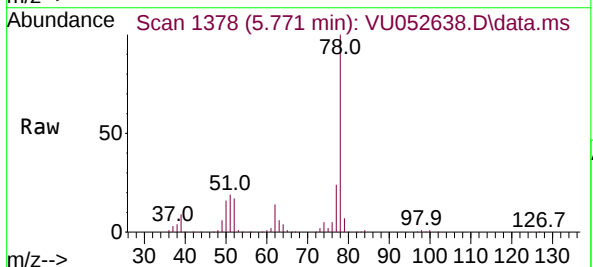
Instrument :
MSVOA_U
ClientSampleId :

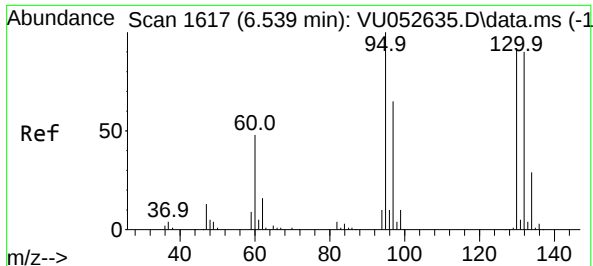
Tgt Ion:117 Resp: 149703
Ion Ratio Lower Upper
117 100
119 96.9 76.0 114.0



#33
Benzene
Concen: 49.050 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion: 78 Resp: 529726

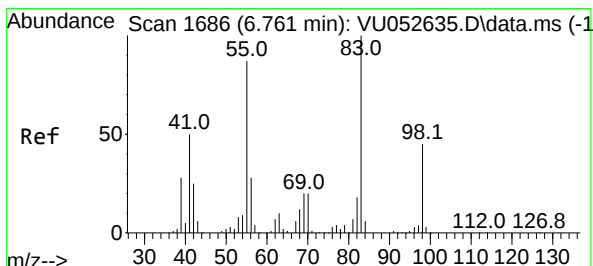
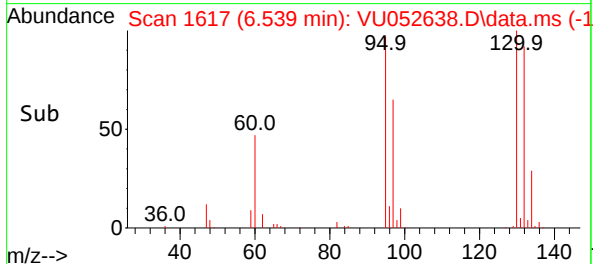
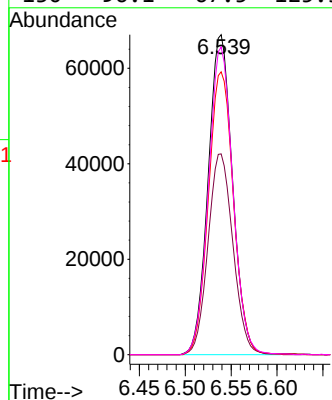
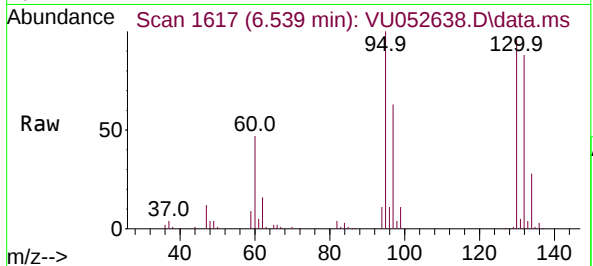




#34
Trichloroethene
Concen: 50.435 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

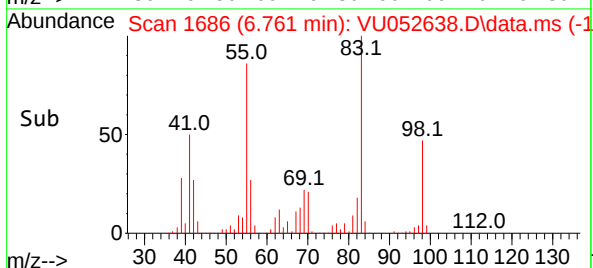
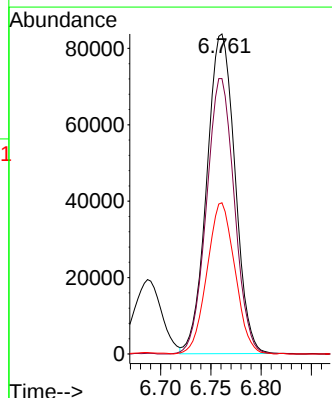
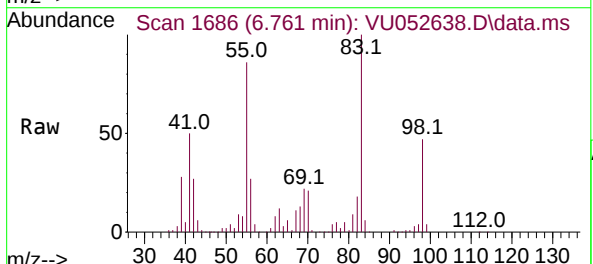
Instrument :
MSVOA_U
ClientSampleId :

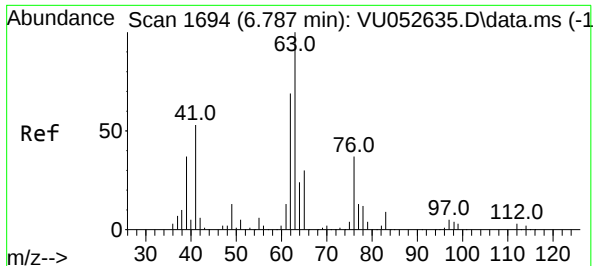
Tgt Ion: 95 Resp: 124113
Ion Ratio Lower Upper
95 100
97 62.7 45.7 84.9
132 88.4 62.6 116.3
130 96.1 67.5 125.3



#35
Methylcyclohexane
Concen: 42.219 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion: 83 Resp: 163292
Ion Ratio Lower Upper
83 100
55 85.5 71.0 106.4
98 46.8 37.0 55.6

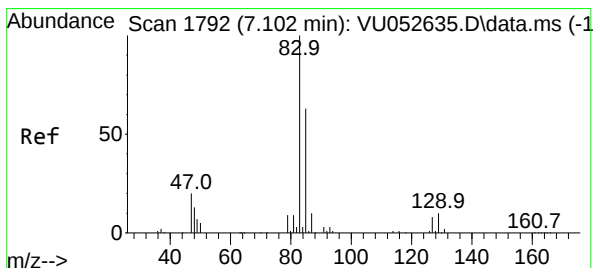
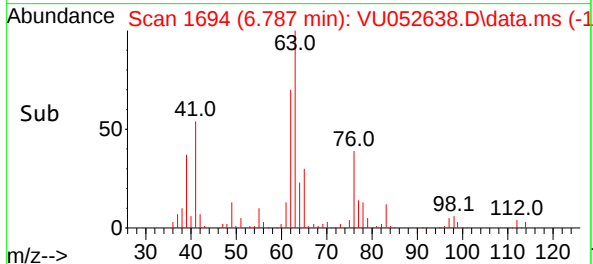
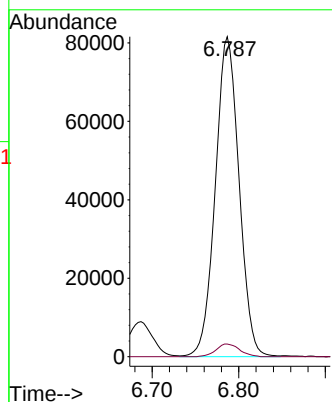
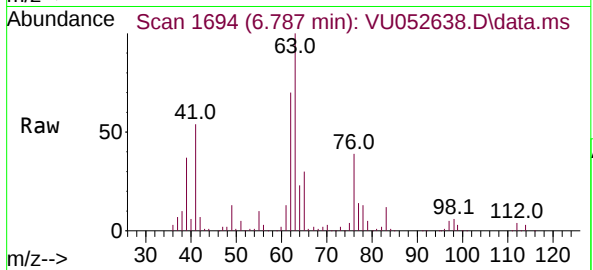




#37
1,2-Dichloropropane
Concen: 48.821 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

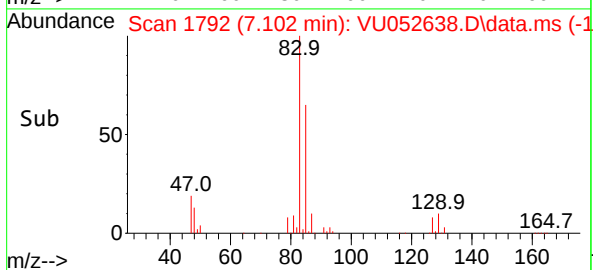
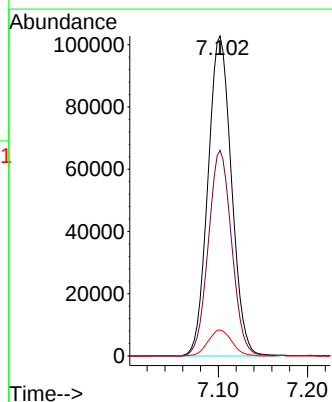
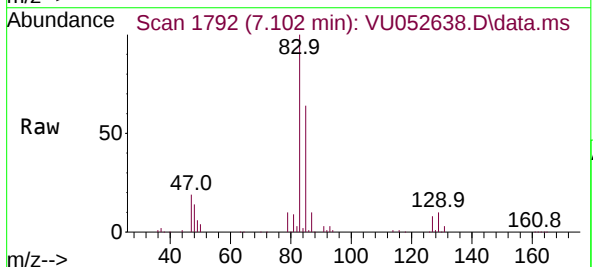
Instrument :
MSVOA_U
ClientSampleId :

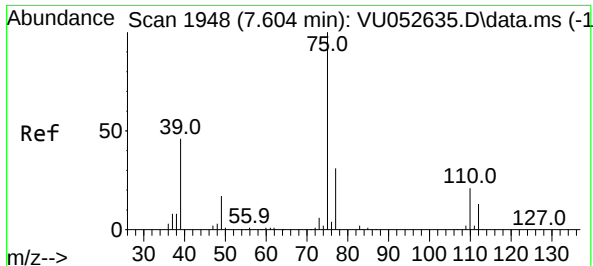
Tgt Ion: 63 Resp: 155212
Ion Ratio Lower Upper
63 100
112 4.0 3.1 4.7



#38
Bromodichloromethane
Concen: 49.503 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion: 83 Resp: 188695
Ion Ratio Lower Upper
83 100
85 64.3 44.7 82.9
127 8.2 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 41.493 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

Instrument :

MSVOA_U

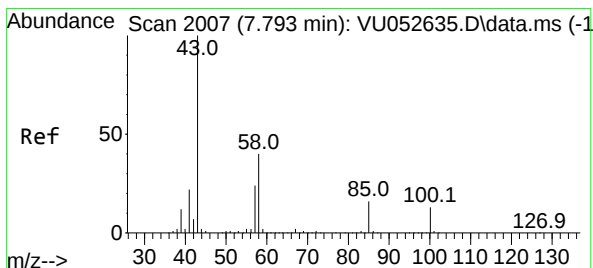
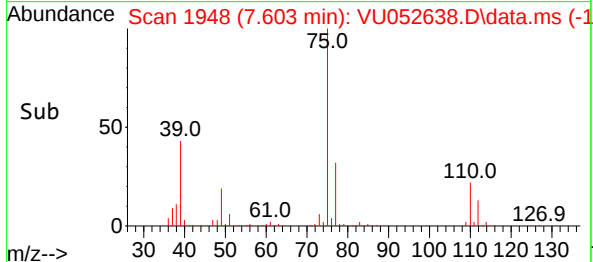
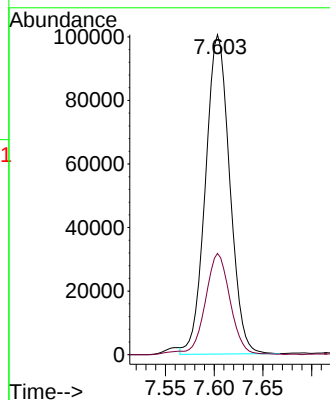
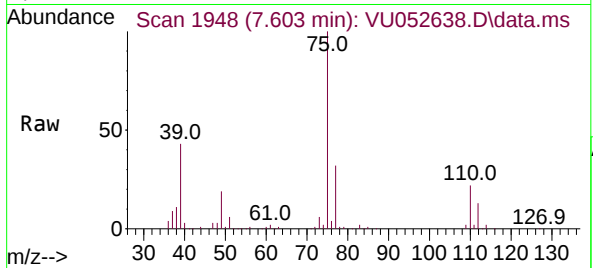
ClientSampleId :

Tgt Ion: 75 Resp: 174001

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 108.855 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

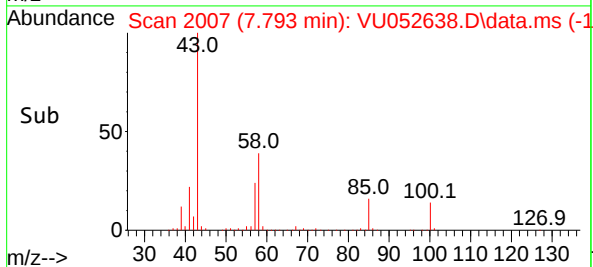
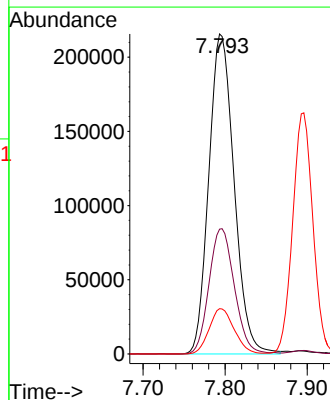
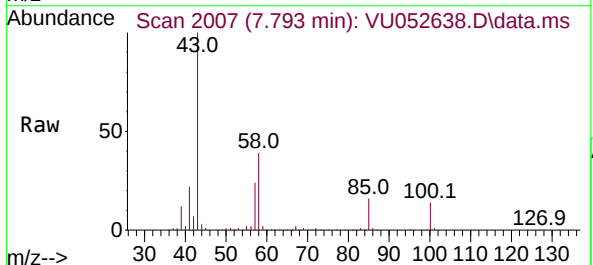
Tgt Ion: 43 Resp: 462971

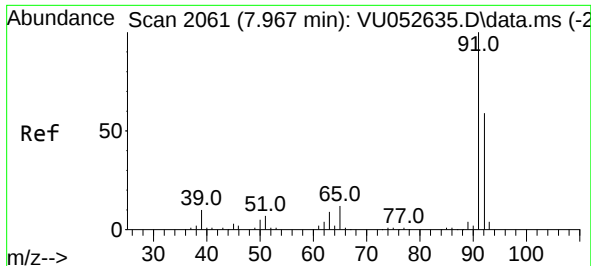
Ion Ratio Lower Upper

43 100

58 39.2 30.4 45.6

100 14.1 9.9 14.9





#42

Toluene

Concen: 50.259 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

Instrument :

MSVOA_U

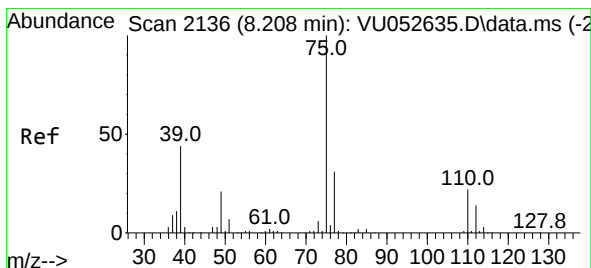
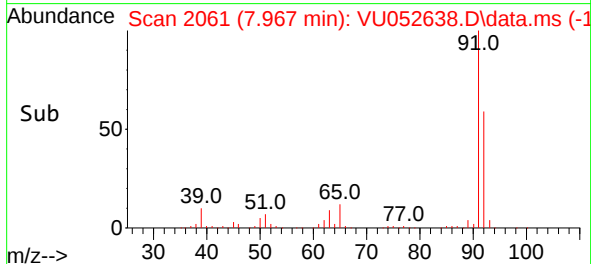
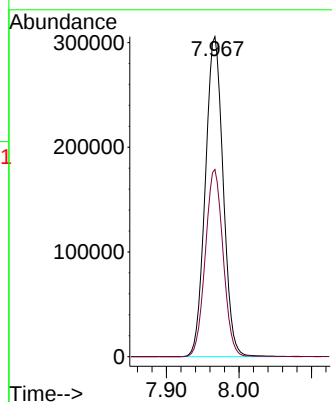
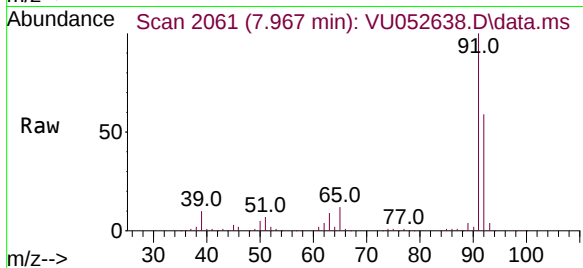
ClientSampleId :

Tgt Ion: 91 Resp: 522021

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 44.416 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.003 min

Lab File: VU052638.D

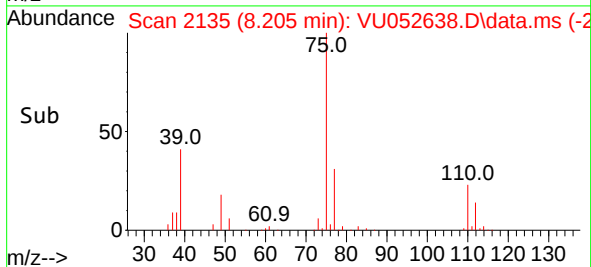
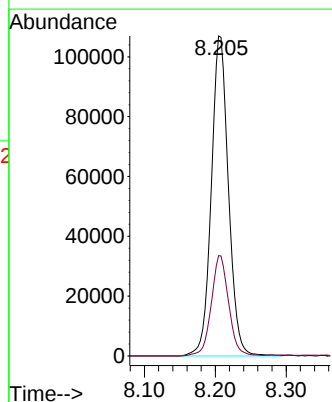
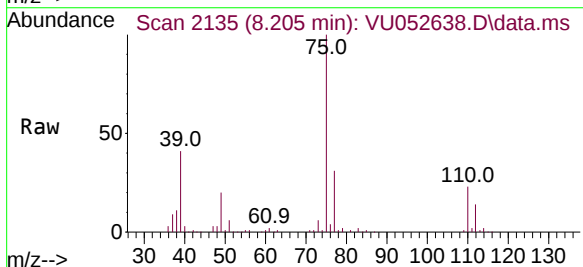
Acq: 09 Jan 2023 12:27

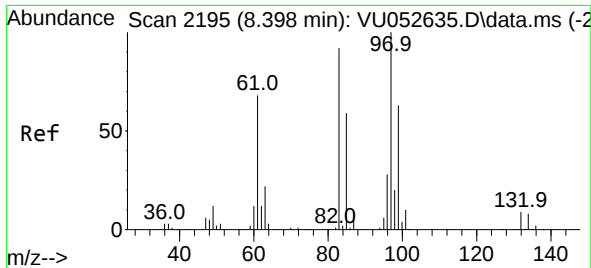
Tgt Ion: 75 Resp: 179495

Ion Ratio Lower Upper

75 100

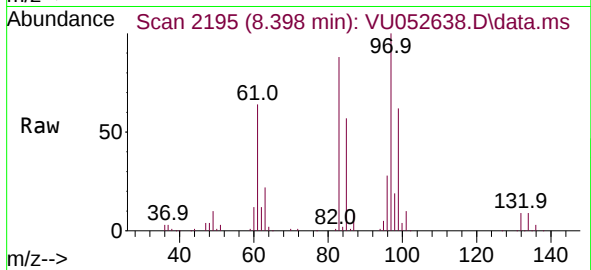
77 31.4 21.3 39.5



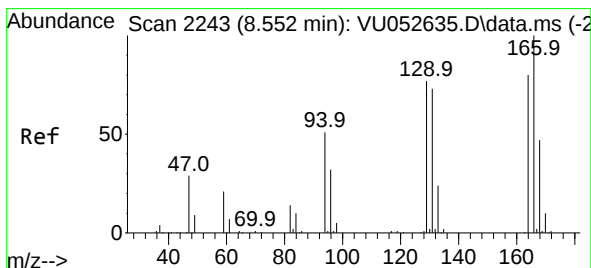
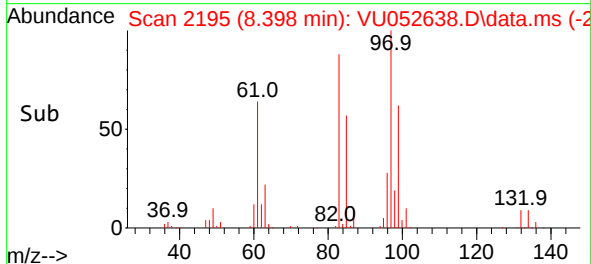
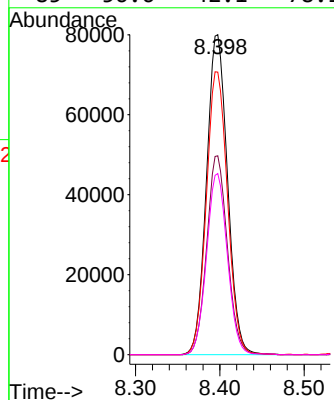


#45
1,1,2-Trichloroethane
Concen: 53.168 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Instrument :
MSVOA_U
ClientSampleId :

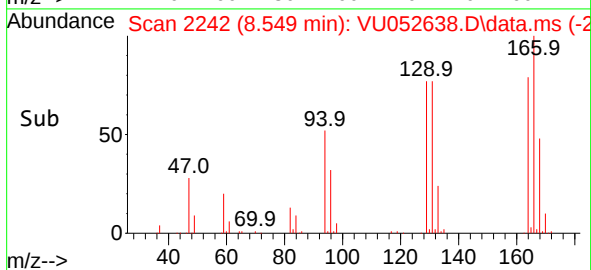
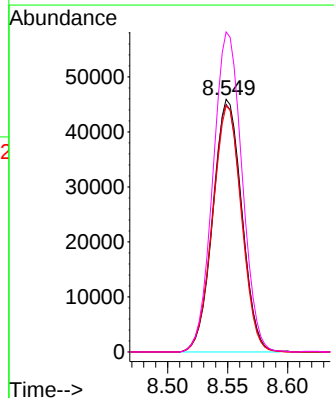
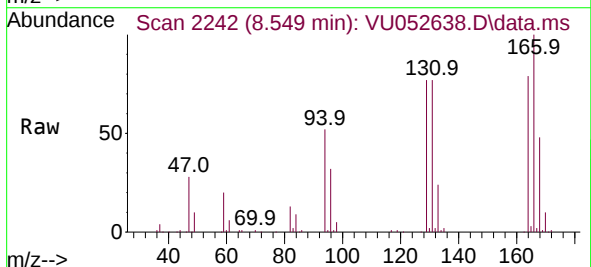


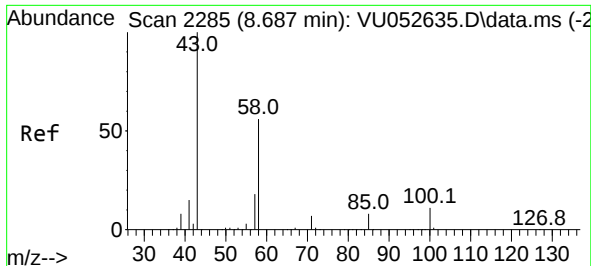
Tgt Ion:	97	Resp:	138970
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.3
83	88.3	65.2	121.0
85	56.6	42.1	78.1



#46
Tetrachloroethene
Concen: 45.481 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

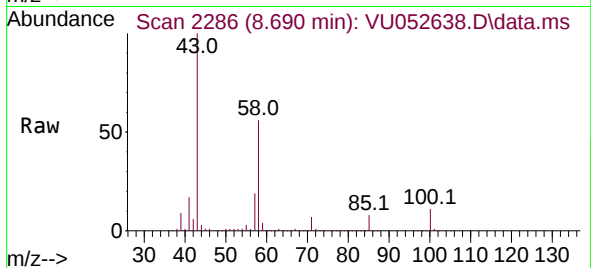
Tgt Ion:	164	Resp:	76808
Ion	Ratio	Lower	Upper
164	100		
129	98.1	72.7	134.9
131	97.4	69.2	128.4
166	126.7	89.6	166.4



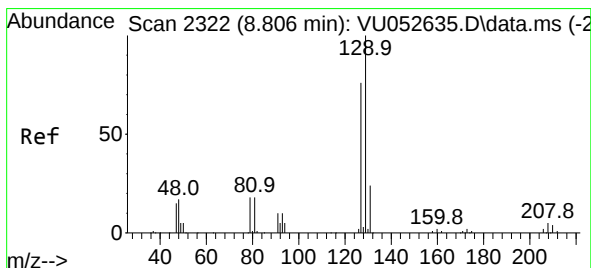
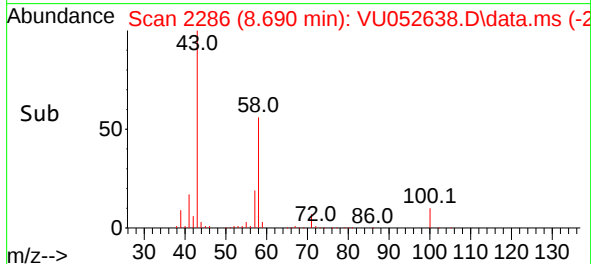
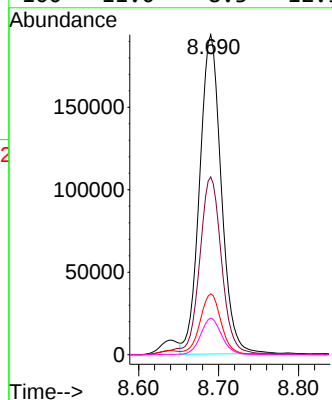


#48
2-Hexanone
Concen: 104.003 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Instrument :
MSVOA_U
ClientSampleId :

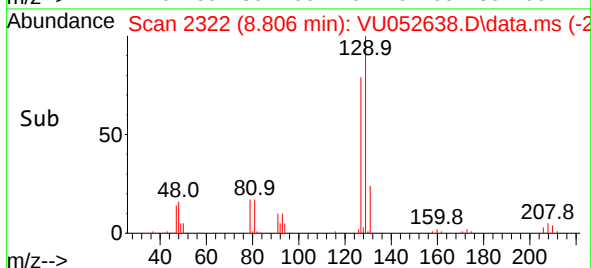
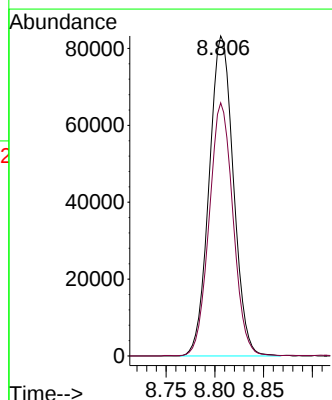
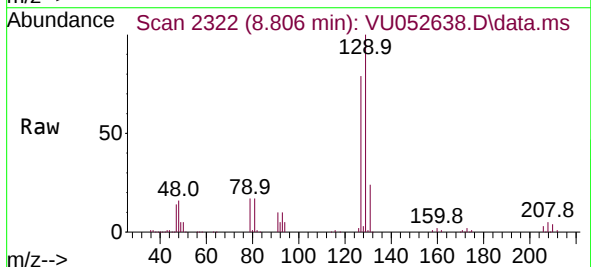


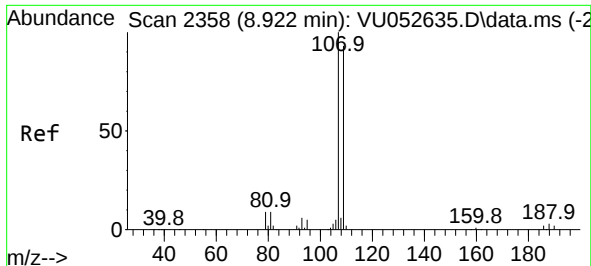
Tgt Ion:	43	Resp:	364753
Ion	Ratio	Lower	Upper
43	100		
58	54.6	42.6	63.8
57	18.9	14.2	21.4
100	11.0	8.3	12.5



#49
Dibromochloromethane
Concen: 52.887 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

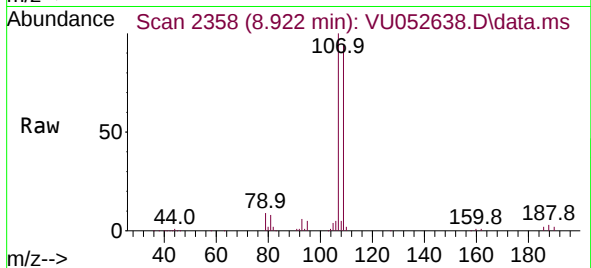
Tgt Ion:	129	Resp:	144157
Ion	Ratio	Lower	Upper
129	100		
127	79.1	54.5	101.3



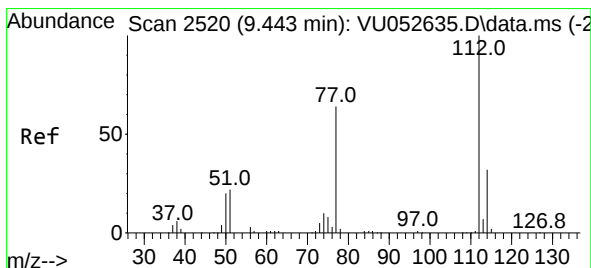
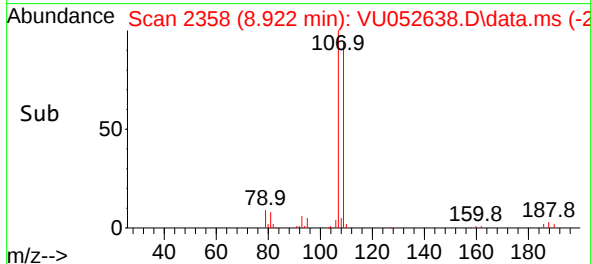
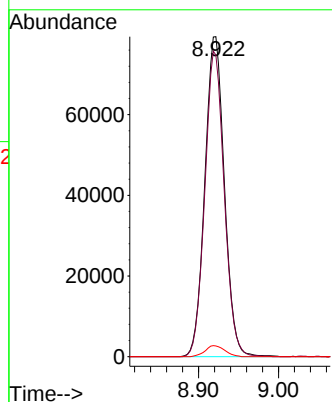


#50
1,2-Dibromoethane
Concen: 51.200 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Instrument :
MSVOA_U
ClientSampleId :

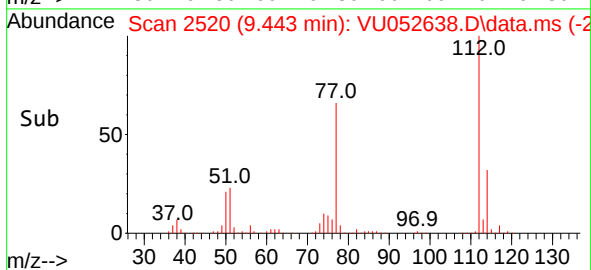
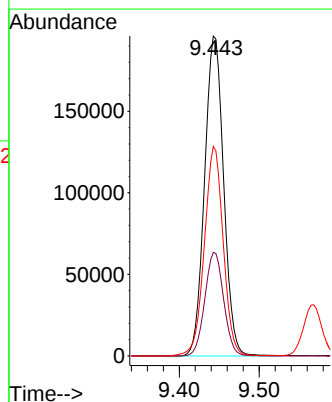
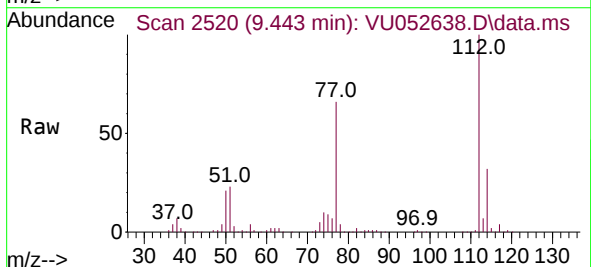


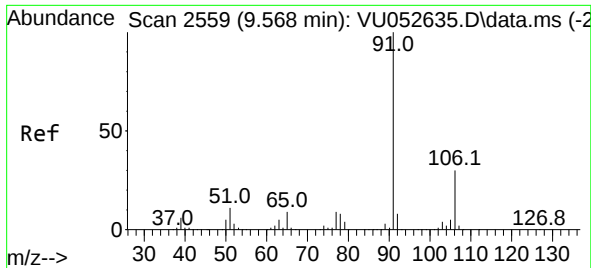
Tgt Ion:107 Resp: 135037
Ion Ratio Lower Upper
107 100
109 94.3 65.9 122.5
188 3.3 2.5 3.7



#51
Chlorobenzene
Concen: 49.350 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion:112 Resp: 325995
Ion Ratio Lower Upper
112 100
114 32.3 21.6 40.0
77 65.5 50.8 76.2

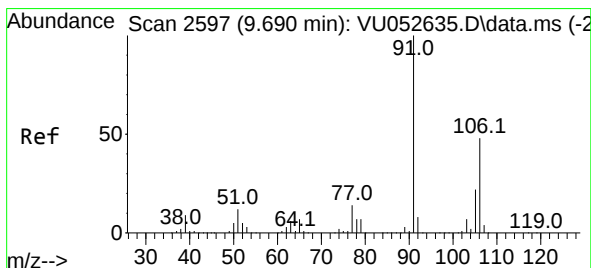
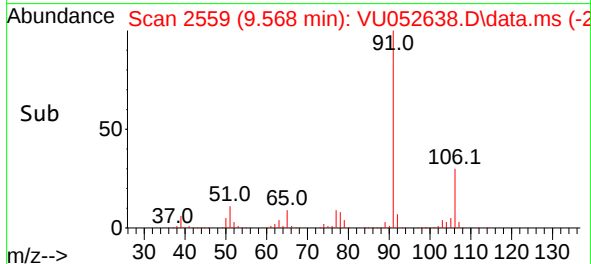
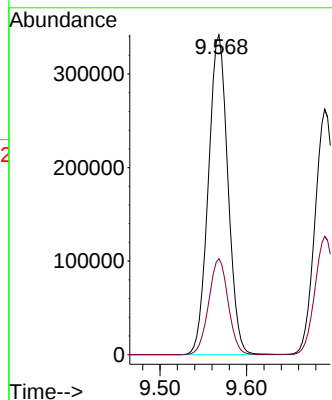
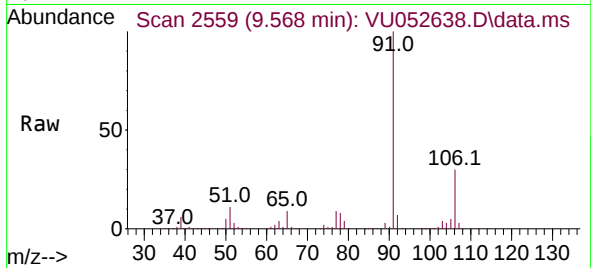




#52
Ethylbenzene
Concen: 49.750 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

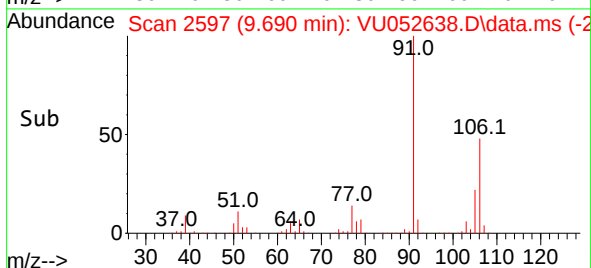
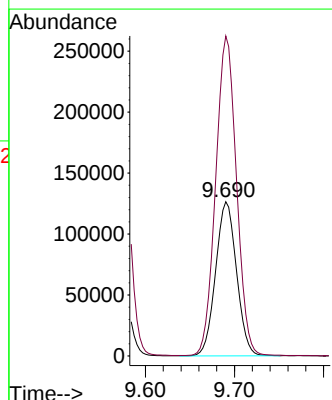
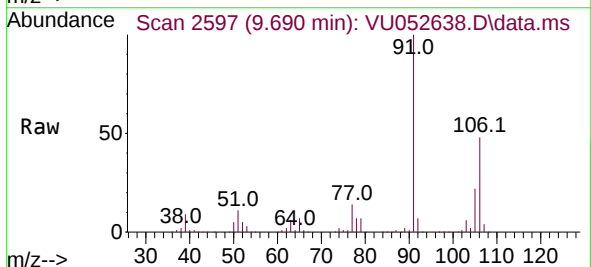
Instrument :
MSVOA_U
ClientSampleId :

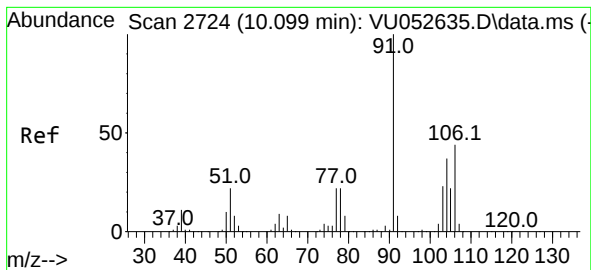
Tgt Ion: 91 Resp: 535701
Ion Ratio Lower Upper
91 100
106 30.0 20.7 38.5



#53
m,p-Xylene
Concen: 51.341 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion: 106 Resp: 206470
Ion Ratio Lower Upper
106 100
91 207.4 144.6 268.6





#54

o-xylene

Concen: 53.583 ug/L

RT: 10.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

Instrument :

MSVOA_U

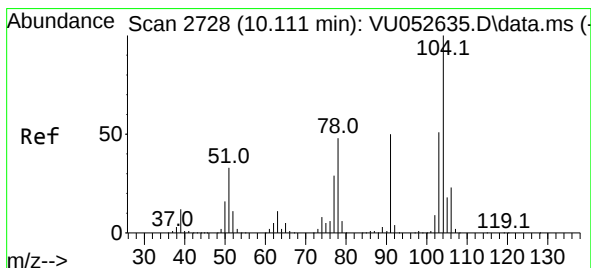
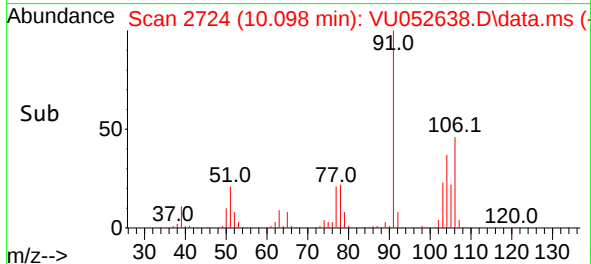
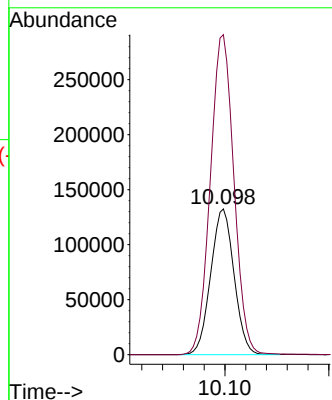
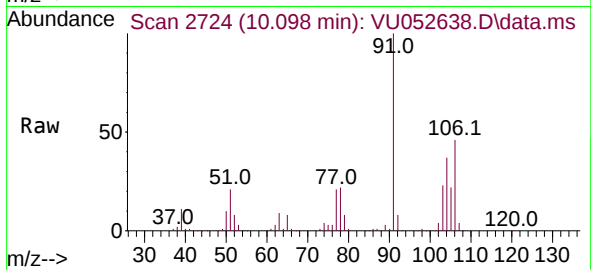
ClientSampleId :

Tgt Ion:106 Resp: 206783

Ion Ratio Lower Upper

106 100

91 219.6 158.3 294.1



#55

Styrene

Concen: 55.270 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.000 min

Lab File: VU052638.D

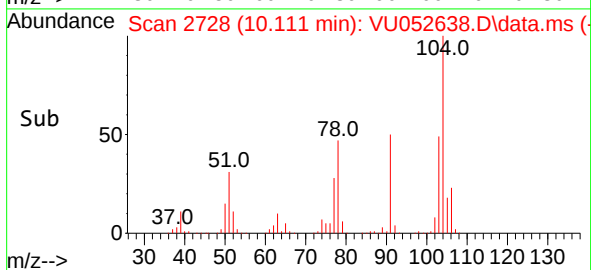
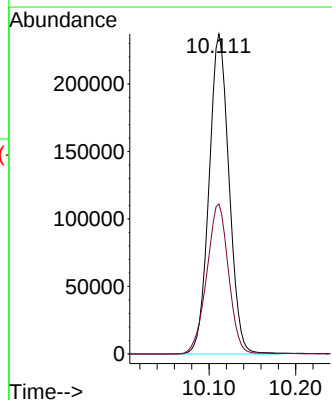
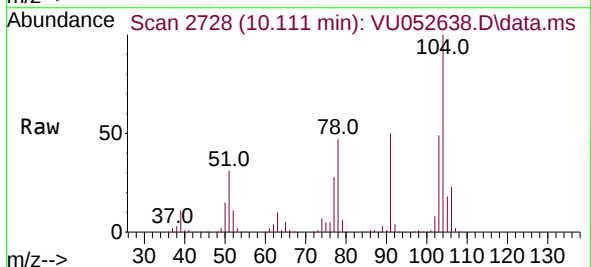
Acq: 09 Jan 2023 12:27

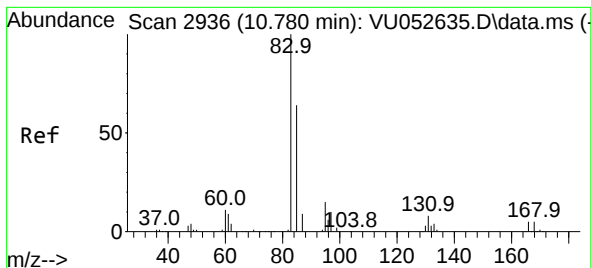
Tgt Ion:104 Resp: 380037

Ion Ratio Lower Upper

104 100

78 46.9 32.5 60.3





#57

1,1,2,2-Tetrachloroethane

Concen: 47.231 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

Instrument :

MSVOA_U

ClientSampleId :

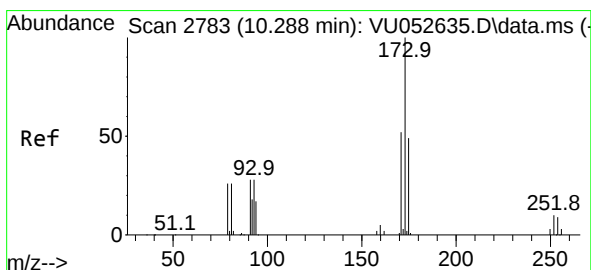
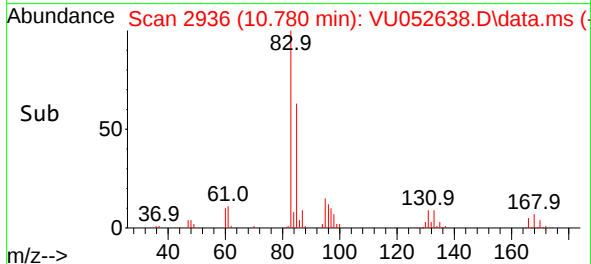
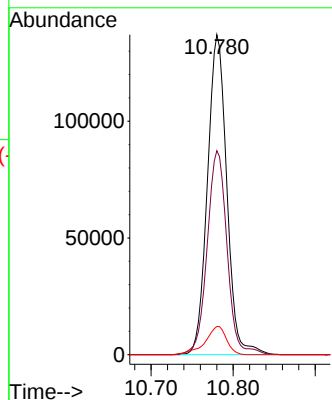
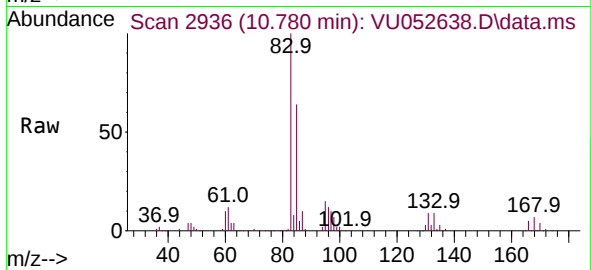
Tgt Ion: 83 Resp: 224503

Ion Ratio Lower Upper

83 100

85 63.8 44.0 81.6

131 8.8 7.0 10.4



#59

Bromoform

Concen: 56.347 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

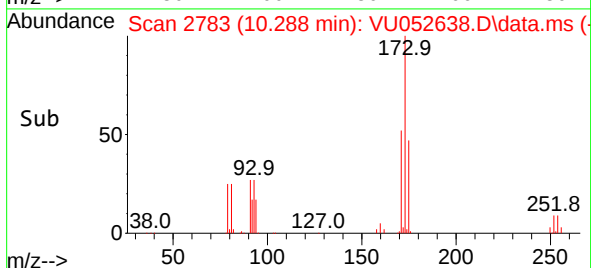
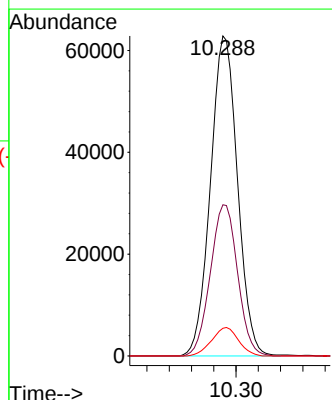
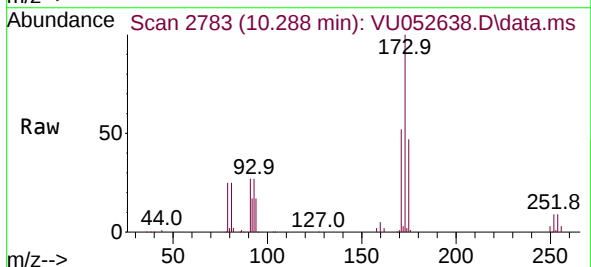
Tgt Ion:173 Resp: 105921

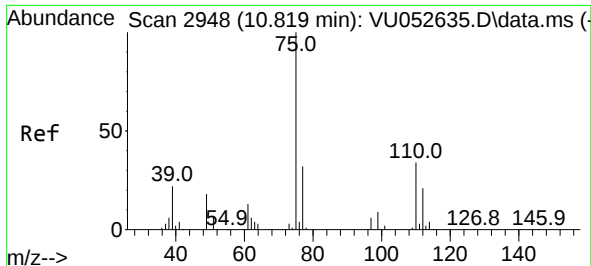
Ion Ratio Lower Upper

173 100

175 47.6 39.4 59.0

254 8.9 7.0 10.6

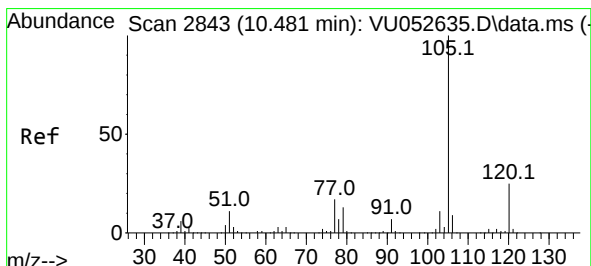
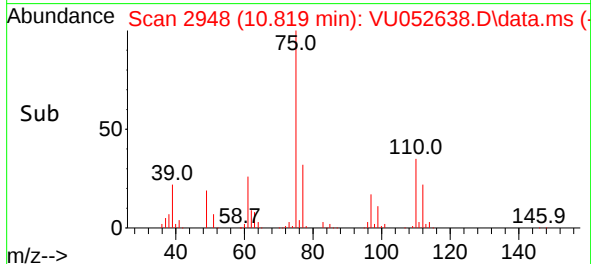
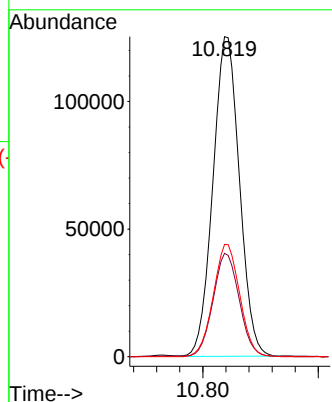
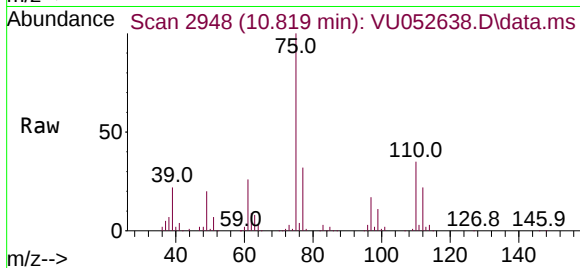




#60
1,2,3-Trichloropropane
Concen: 53.160 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

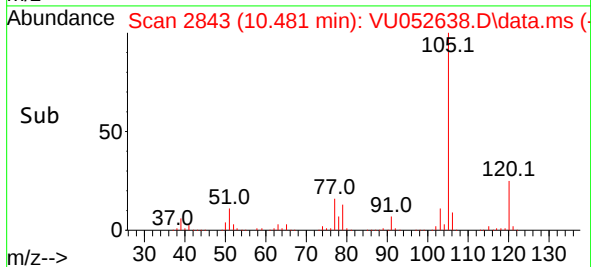
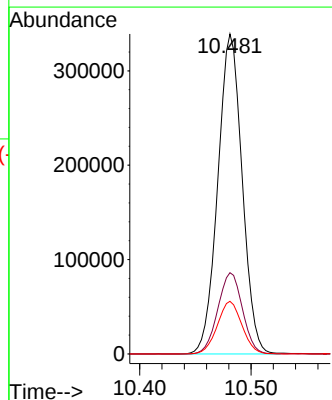
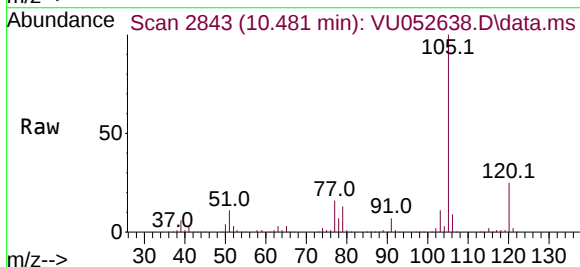
Instrument :
MSVOA_U
ClientSampleId :

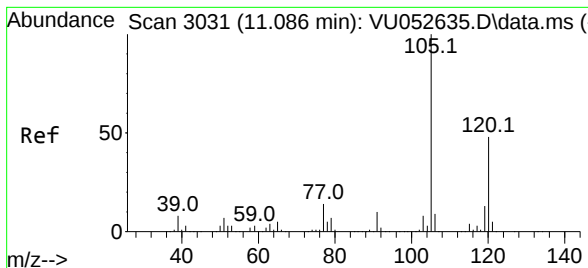
Tgt Ion: 75 Resp: 199560
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
110 35.0 27.3 40.9



#61
Isopropylbenzene
Concen: 51.555 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion: 105 Resp: 514510
Ion Ratio Lower Upper
105 100
120 25.7 19.8 29.8
77 16.6 13.8 20.6





#62

1,3,5-Trimethylbenzene

Concen: 53.092 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

Instrument :

MSVOA_U

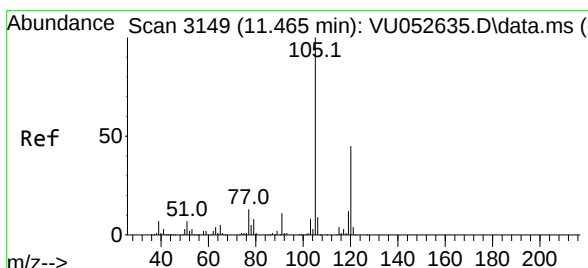
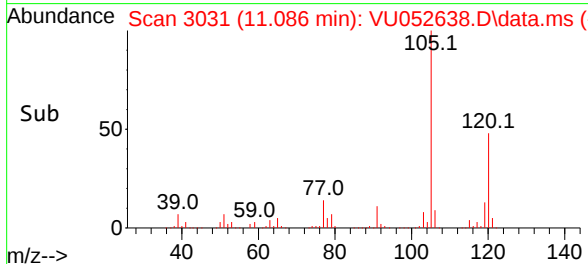
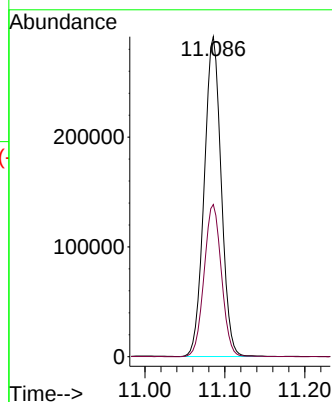
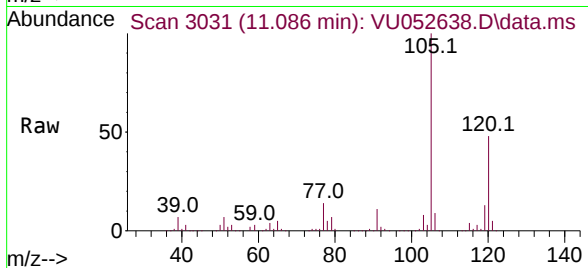
ClientSampleId :

Tgt Ion:105 Resp: 432048

Ion Ratio Lower Upper

105 100

120 48.4 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 53.928 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU052638.D

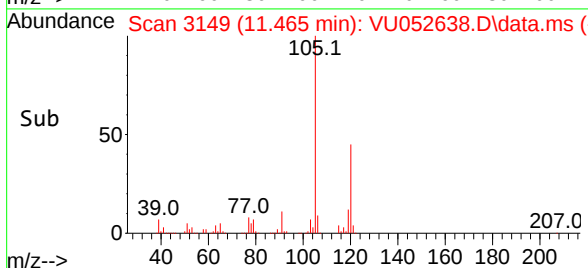
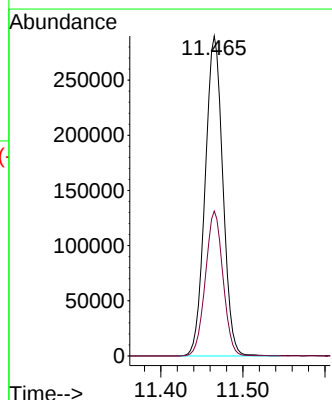
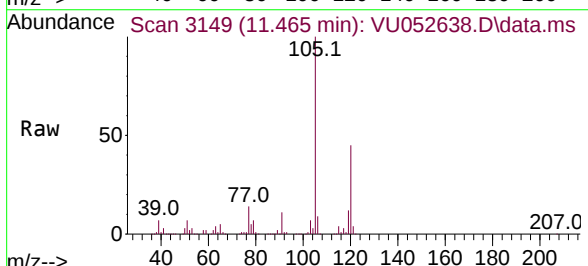
Acq: 09 Jan 2023 12:27

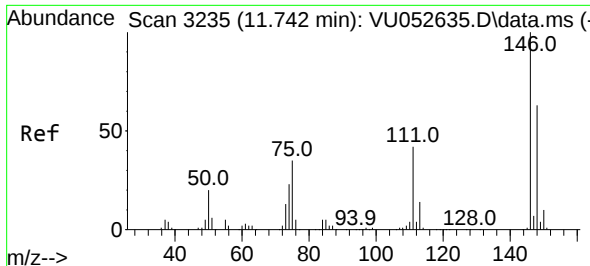
Tgt Ion:105 Resp: 433708

Ion Ratio Lower Upper

105 100

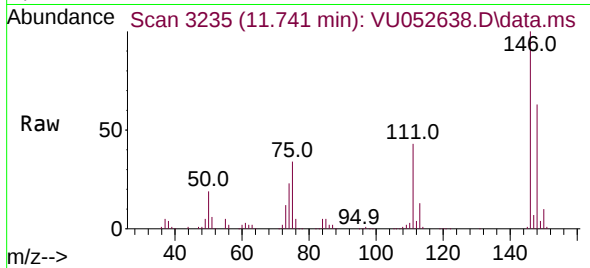
120 45.0 36.1 54.1



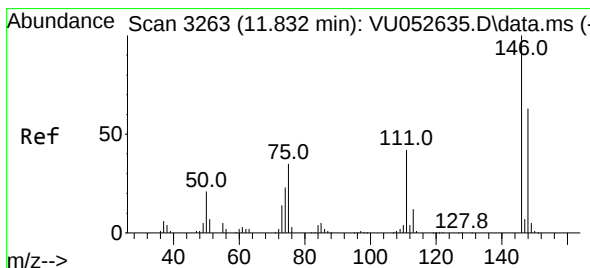
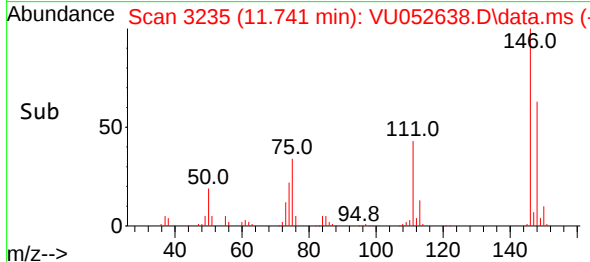
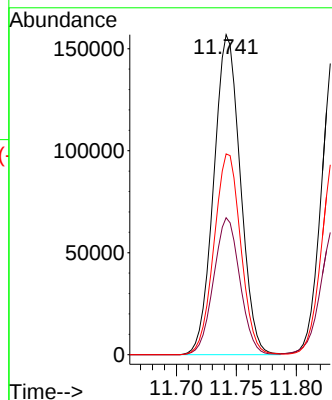


#64
1,3-Dichlorobenzene
Concen: 50.317 ug/L
RT: 11.741 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Instrument :
MSVOA_U
ClientSampleId :

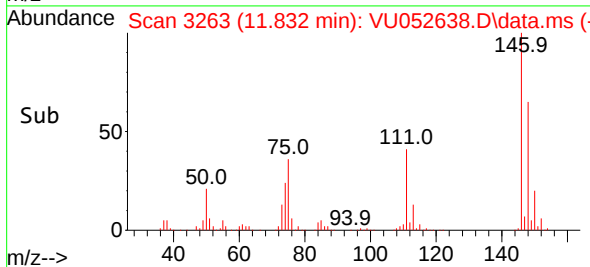
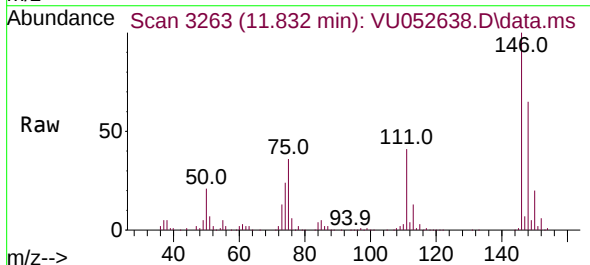
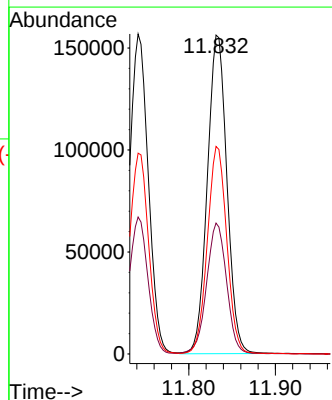


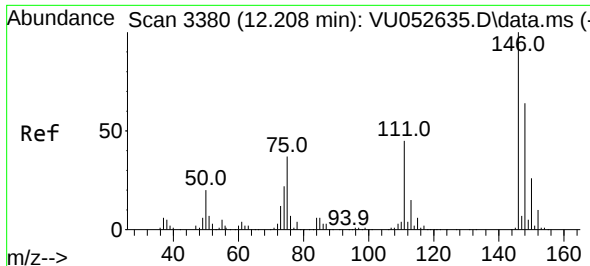
Tgt Ion:146 Resp: 241762
Ion Ratio Lower Upper
146 100
111 42.8 29.8 55.3
148 62.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 48.398 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion:146 Resp: 245012
Ion Ratio Lower Upper
146 100
111 41.0 28.6 53.0
148 65.1 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 51.258 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

Instrument :

MSVOA_U

ClientSampleId :

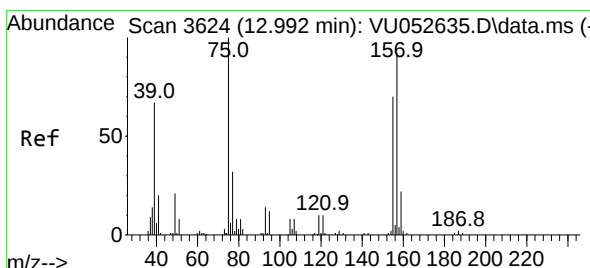
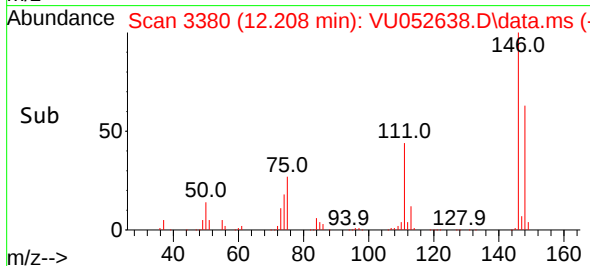
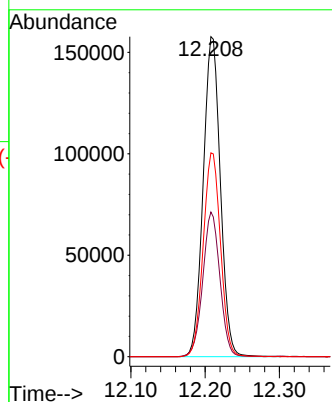
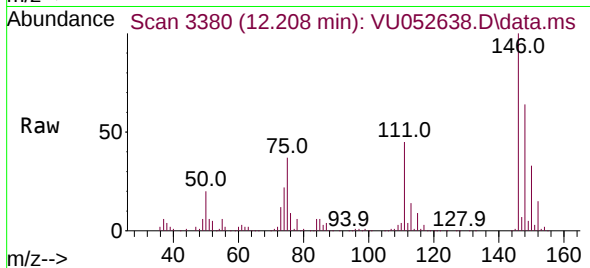
Tgt Ion:146 Resp: 253116

Ion Ratio Lower Upper

146 100

111 45.2 35.7 53.5

148 63.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 49.660 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

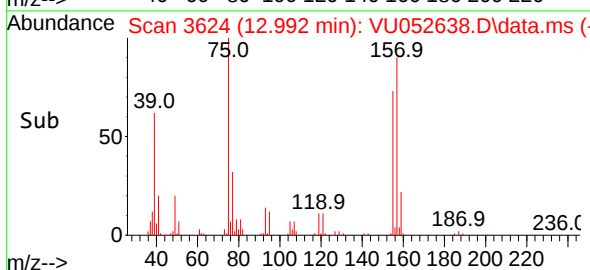
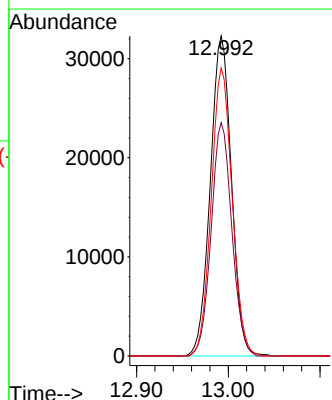
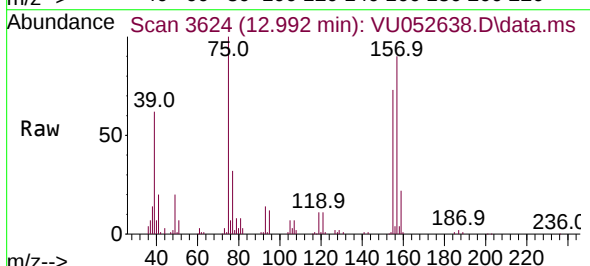
Tgt Ion: 75 Resp: 51791

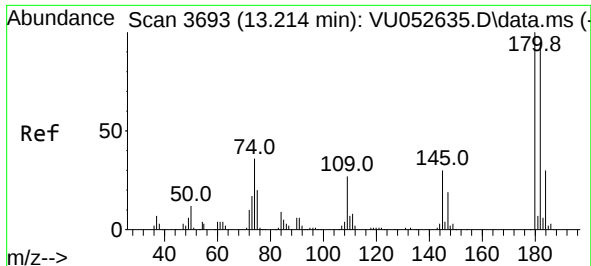
Ion Ratio Lower Upper

75 100

155 72.9 53.5 80.3

157 90.0 68.4 102.6





#69

1,3,5-Trichlorobenzene

Concen: 45.269 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. -0.000 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 153601

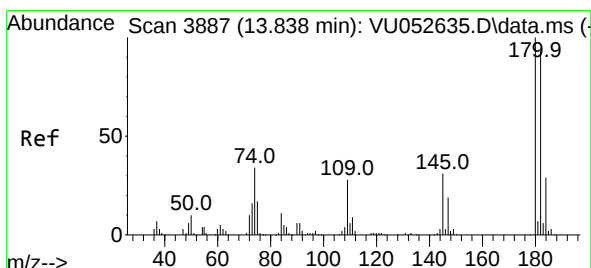
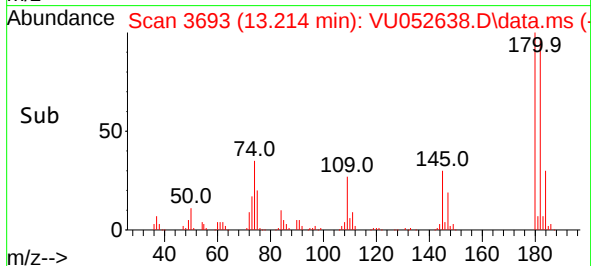
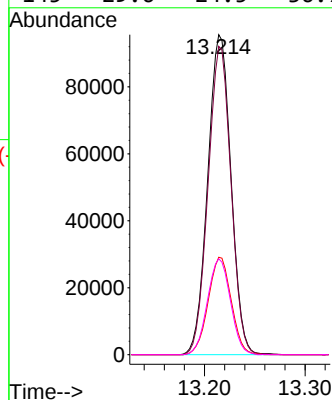
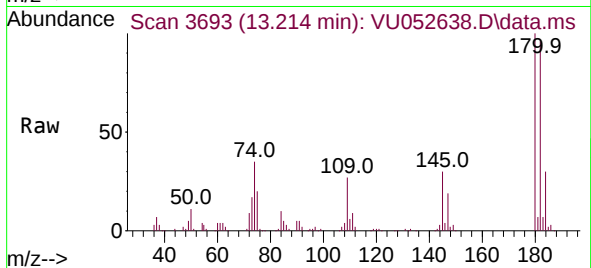
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

184 30.2 23.8 35.8

145 29.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 43.831 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.003 min

Lab File: VU052638.D

Acq: 09 Jan 2023 12:27

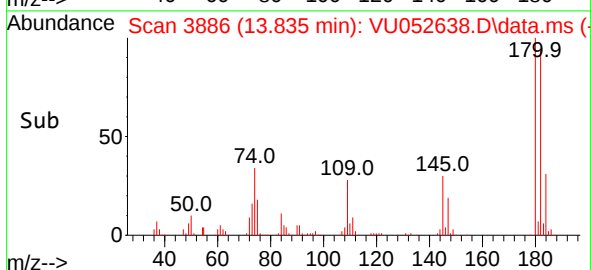
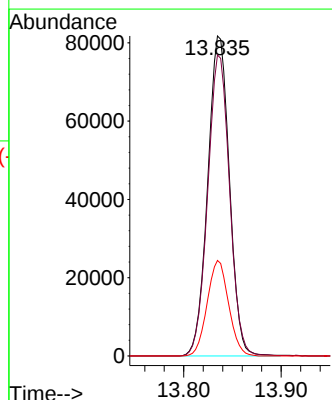
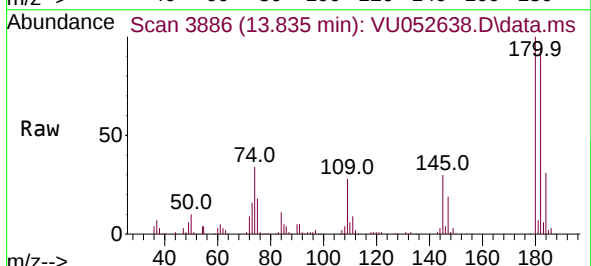
Tgt Ion:180 Resp: 126532

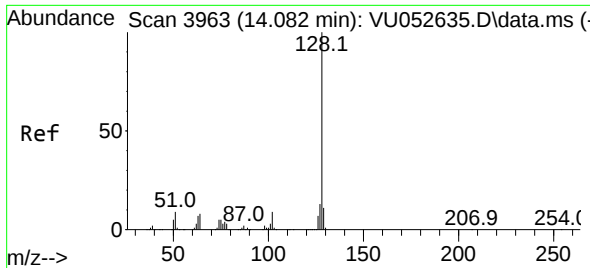
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.0

145 29.4 25.0 37.6

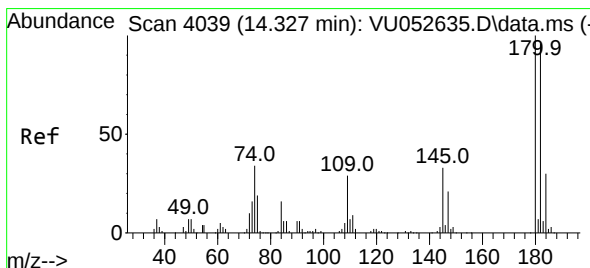
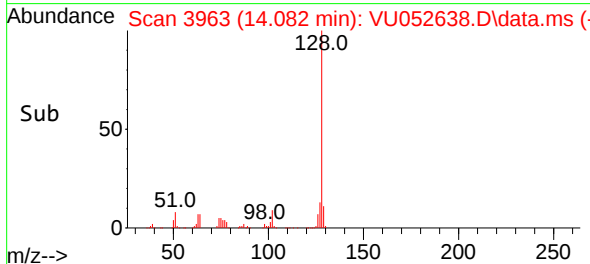
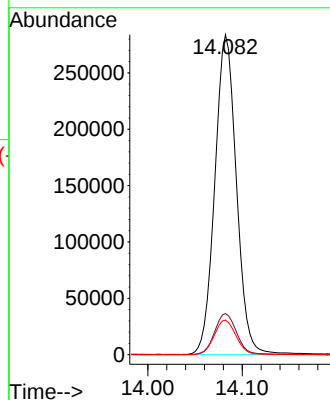
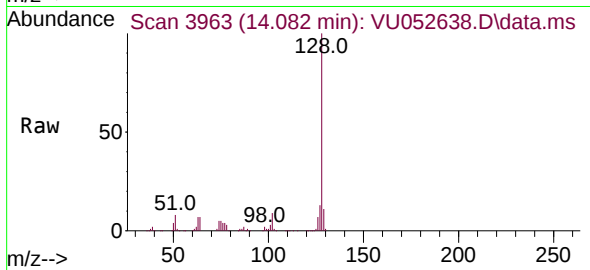




#71
Naphthalene
Concen: 50.420 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 449889
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.517 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.003 min
Lab File: VU052638.D
Acq: 09 Jan 2023 12:27

Tgt Ion:180 Resp: 140927
Ion Ratio Lower Upper
180 100
182 94.1 76.4 114.6
145 33.2 27.0 40.4

