

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052578.D
 Acq On : 27 Dec 2022 20:31
 Operator : JC/MD
 Sample : N6171-15MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD1MSD

Quant Time: Dec 28 01:25:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	190505	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	179040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	94252	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59073	3.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.916	69	58090	3.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.568	65	27217	3.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.633	46	321167	53.662	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.320%
24) Chloroform-d	5.057	84	138269	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.697	65	80393	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.723	84	266844	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.684	67	96717	4.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.893	98	233318	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.176	79	37051	5.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.629	63	244055	61.652	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.300%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91341	5.091	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.185	152	88138	4.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	72494	4.276	ug/L	99
3) Chloromethane	1.520	50	109511	4.476	ug/L	99
5) Vinyl chloride	1.604	62	96792	4.364	ug/L	96
6) Bromomethane	1.858	94	41449	3.278	ug/L	100
8) Chloroethane	1.935	64	61427	4.044	ug/L	96
9) Trichlorofluoromethane	2.141	101	107815	4.299	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	64372	4.318	ug/L	98
12) 1,1-Dichloroethene	2.581	96	62025	4.347	ug/L	93
13) Acetone	2.655	43	184109	41.728	ug/L	98
14) Carbon disulfide	2.793	76	198260	4.313	ug/L	100
15) Methyl Acetate	2.954	43	49371	5.079	ug/L	99
16) Methylene chloride	3.044	84	83709	4.153	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	192066	5.043	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	65773	4.473	ug/L	96
19) 1,1-Dichloroethane	3.867	63	147544	4.614	ug/L	99
21) 2-Butanone	4.713	43	315762	48.594	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	78205	4.846	ug/L	97
23) Bromochloromethane	4.970	128	34712	4.642	ug/L	98
25) Chloroform	5.083	83	139750	4.511	ug/L	99

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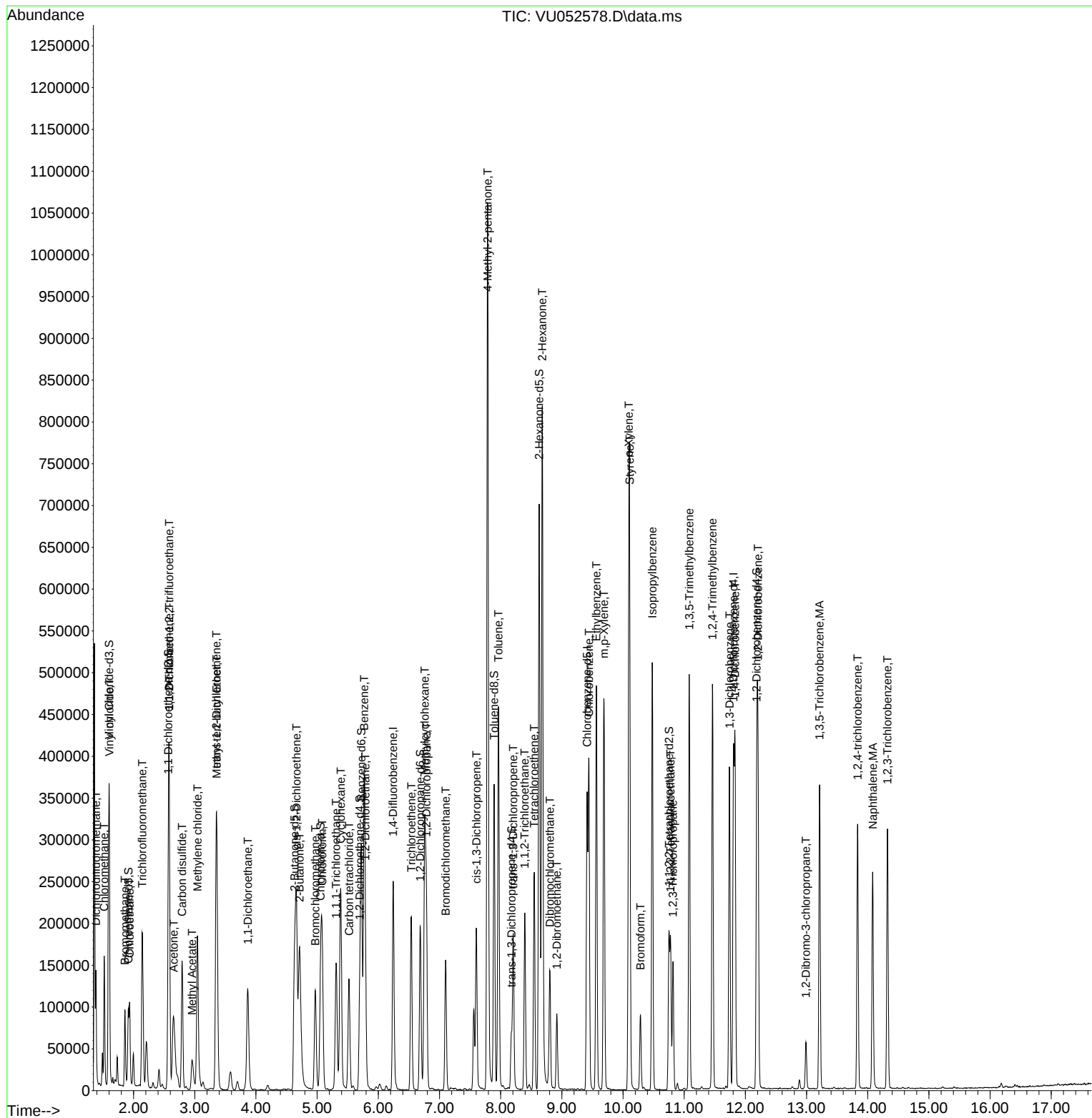
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	102251	4.777	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	109098	4.841	ug/L	98
30) Cyclohexane	5.385	56	125499	5.154	ug/L	99
31) Carbon tetrachloride	5.523	117	89994	4.545	ug/L	99
33) Benzene	5.771	78	315762	4.896	ug/L	100
34) Trichloroethene	6.539	95	73406	4.869	ug/L	98
35) Methylcyclohexane	6.758	83	114302	5.028	ug/L	97
37) 1,2-Dichloropropane	6.787	63	88958	4.943	ug/L	99
38) Bromodichloromethane	7.102	83	102697	4.689	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	114542	5.026	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	734644	55.866	ug/L	98
42) Toluene	7.964	91	319401	5.166	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	103985	5.178	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	62179	4.879	ug/L	96
47) Tetrachloroethene	8.549	164	56484	5.367	ug/L	98
48) 2-Hexanone	8.681	43	535026	53.976	ug/L	99
49) Dibromochloromethane	8.806	129	68524	5.077	ug/L	99
50) 1,2-Dibromoethane	8.919	107	58333	5.035	ug/L	99
51) Chlorobenzene	9.443	112	195732	4.957	ug/L	99
52) Ethylbenzene	9.565	91	326549	5.103	ug/L	98
53) m,p-Xylene	9.690	106	128995	5.467	ug/L	98
54) o-Xylene	10.095	106	131585	5.817	ug/L	97
55) Styrene	10.108	104	213668	5.430	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	88788	5.039	ug/L	97
59) Bromoform	10.285	173	38800	4.685	ug/L	99
60) Isopropylbenzene	10.478	105	315441	5.164	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	64805	4.794	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	256976	5.100	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	262468	5.175	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	150955	4.981	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	148248	4.729	ug/L	99
67) 1,2-Dichlorobenzene	12.205	146	145440	4.856	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	14773	4.828	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	106371	4.766	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	93276	4.967	ug/L	98
71) Naphthalene	14.082	128	201252	5.296	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	91526	4.862	ug/L	99

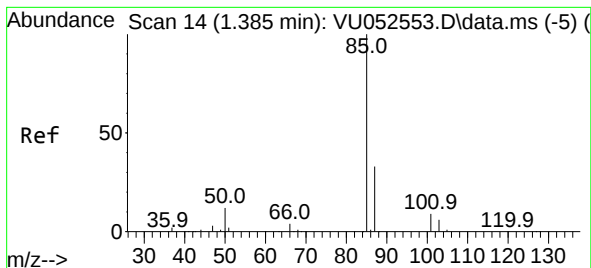
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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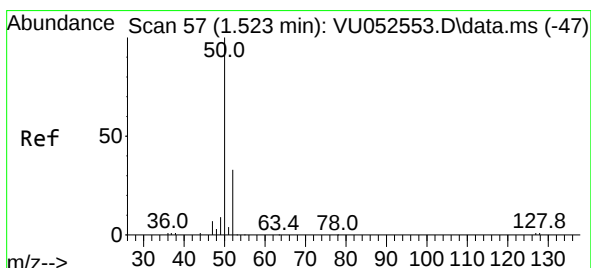
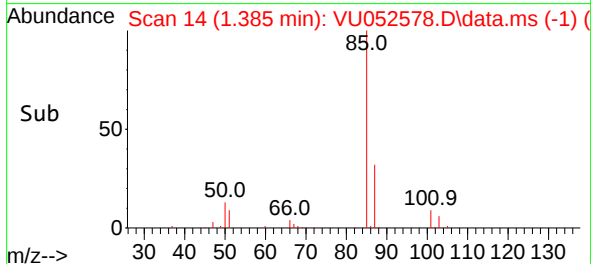
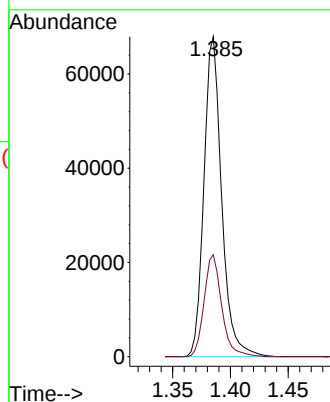
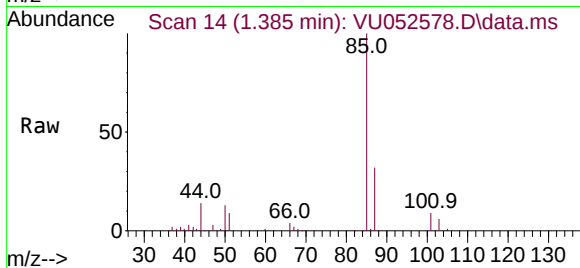




#2
Dichlorodifluoromethane
Concen: 4.276 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

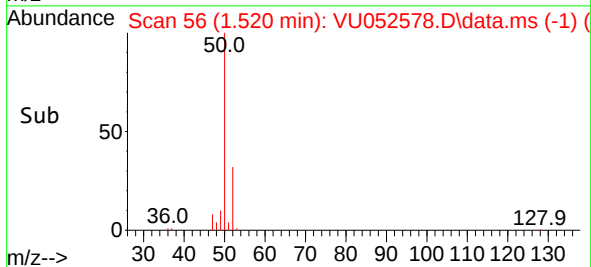
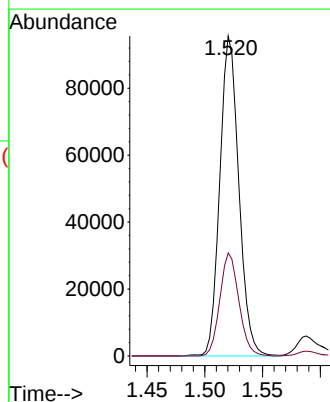
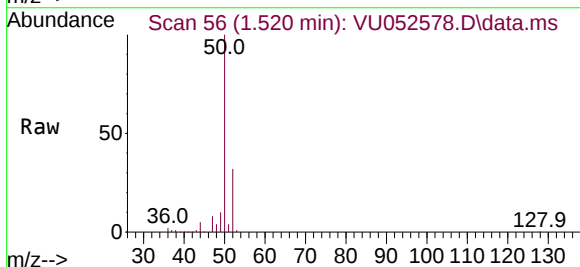
Instrument :
MSVOA_U
ClientSampleId :
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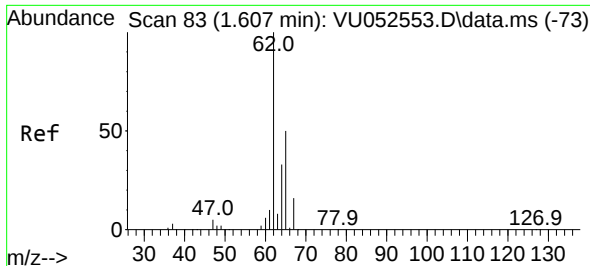
Tgt Ion: 85 Resp: 72494
Ion Ratio Lower Upper
85 100
87 31.7 25.6 38.4



#3
Chloromethane
Concen: 4.476 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion: 50 Resp: 109511
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.6

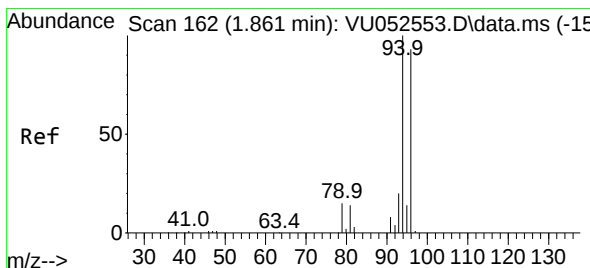
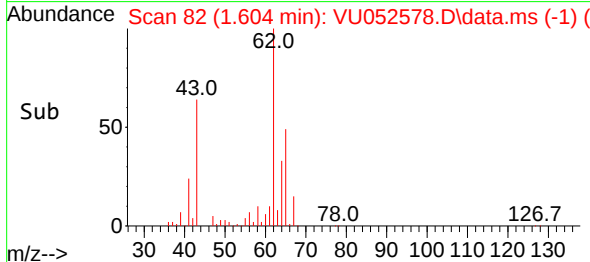
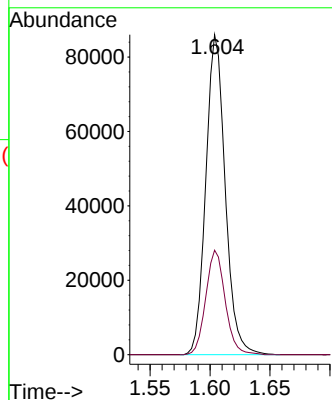
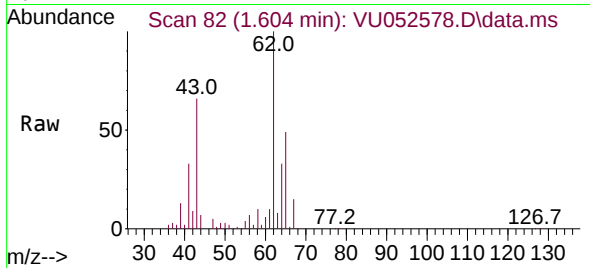




#5
 Vinyl chloride
 Concen: 4.364 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU052578.D
 Acq: 27 Dec 2022 20:31

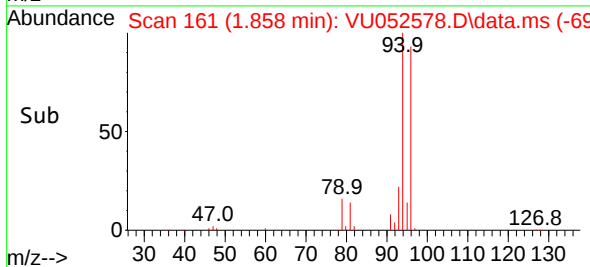
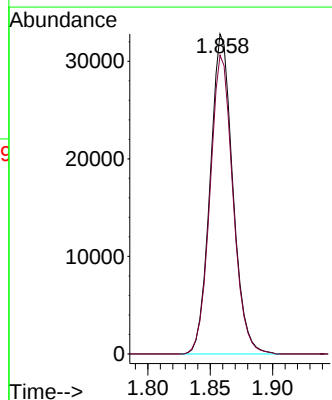
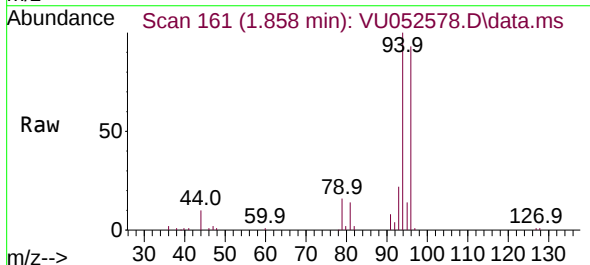
Instrument :
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 ClientSampleId :
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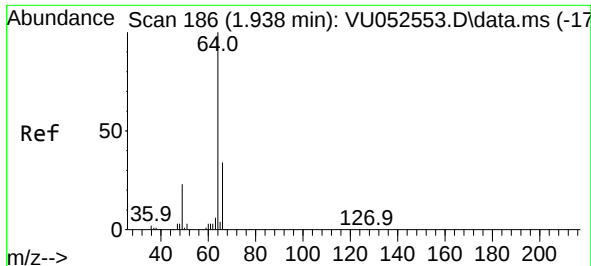
Tgt Ion: 62 Resp: 96792
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.4 45.4



#6
 Bromomethane
 Concen: 3.278 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU052578.D
 Acq: 27 Dec 2022 20:31

Tgt Ion: 94 Resp: 41449
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.0 120.8

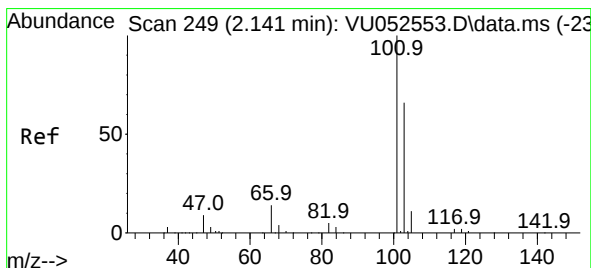
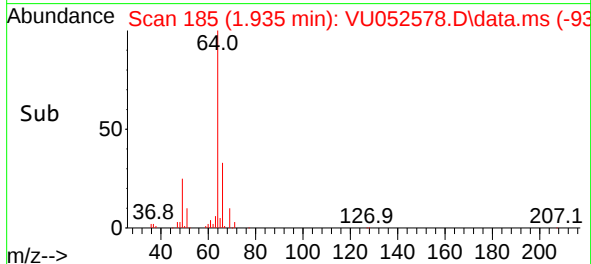
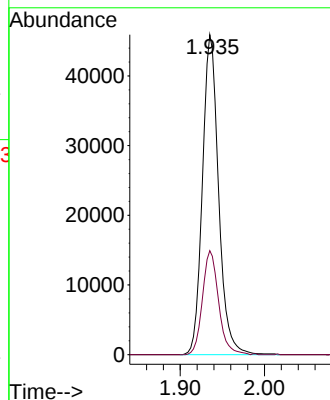
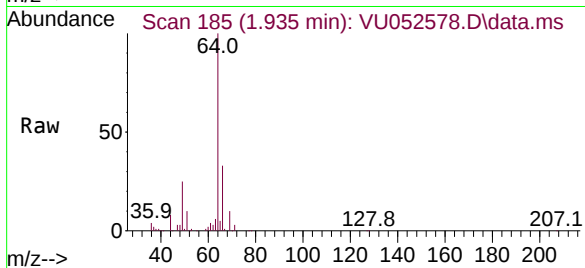




#8
Chloroethane
Concen: 4.044 ug/L
RT: 1.935 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

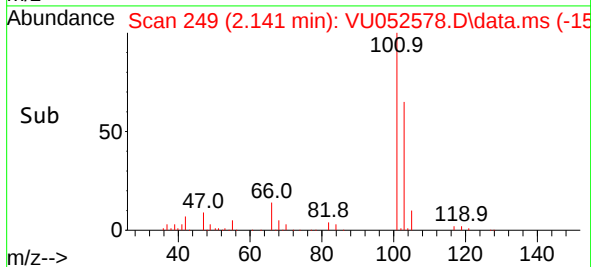
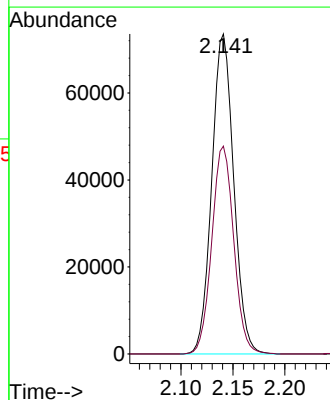
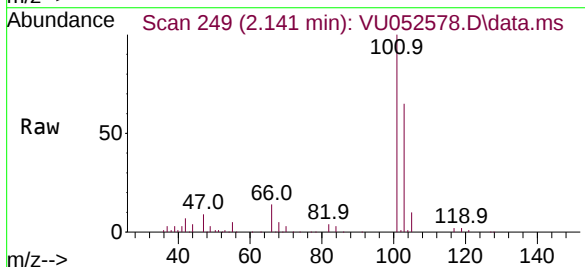
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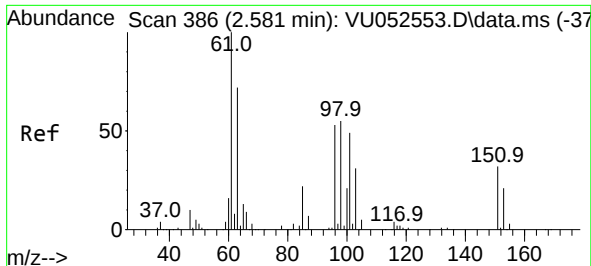
Tgt Ion: 64 Resp: 61427
Ion Ratio Lower Upper
64 100
66 32.5 21.3 39.5



#9
Trichlorofluoromethane
Concen: 4.299 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion:101 Resp: 107815
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0

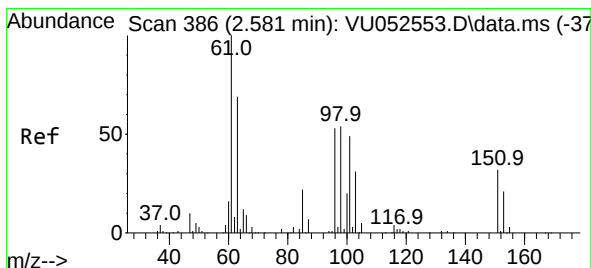
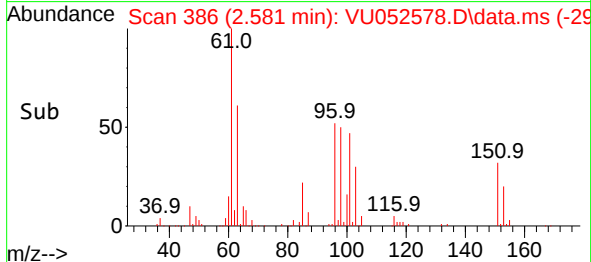
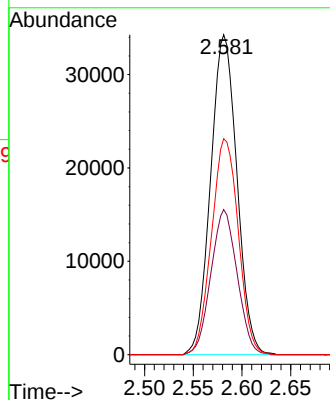
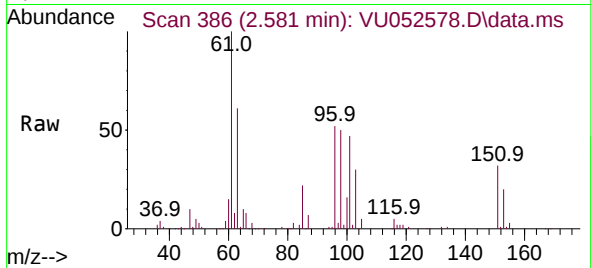




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.318 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052578.D
 Acq: 27 Dec 2022 20:31

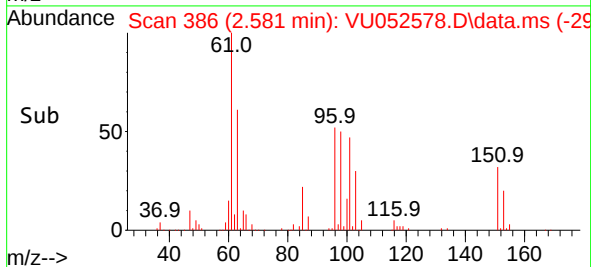
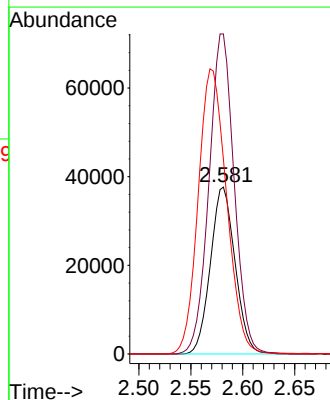
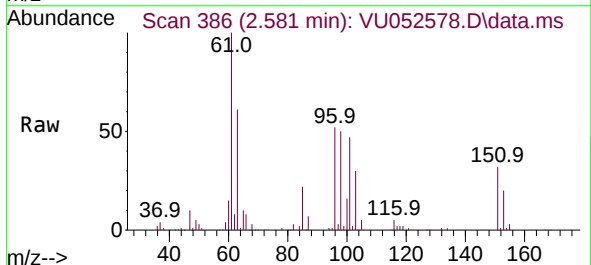
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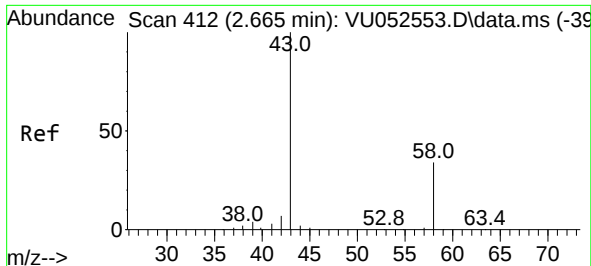
Tgt Ion: 101 Resp: 64372
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.8 53.6
 151 68.7 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 4.347 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052578.D
 Acq: 27 Dec 2022 20:31

Tgt Ion: 96 Resp: 62025
 Ion Ratio Lower Upper
 96 100
 61 191.6 135.4 251.4
 63 116.7 95.4 177.2





#13

Acetone

Concen: 41.728 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.009 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

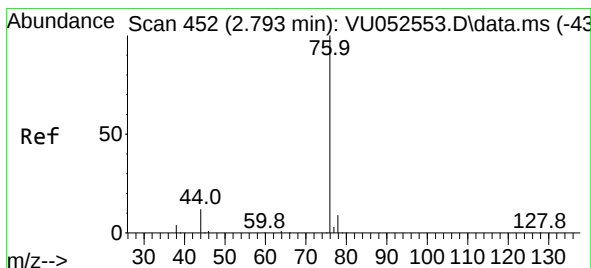
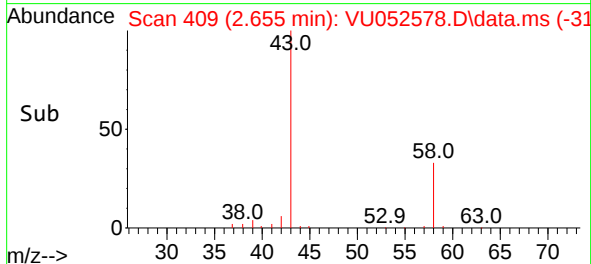
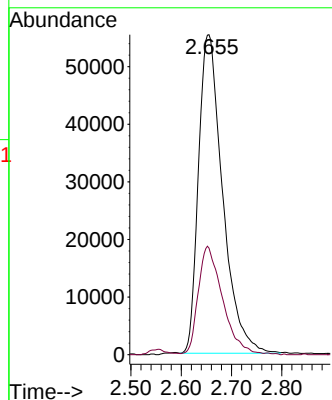
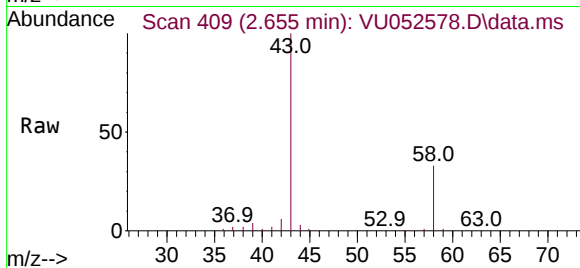
GBQD1MSD

Tgt Ion: 43 Resp: 184109

Ion Ratio Lower Upper

43 100

58 33.6 0.0 65.4



#14

Carbon disulfide

Concen: 4.313 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052578.D

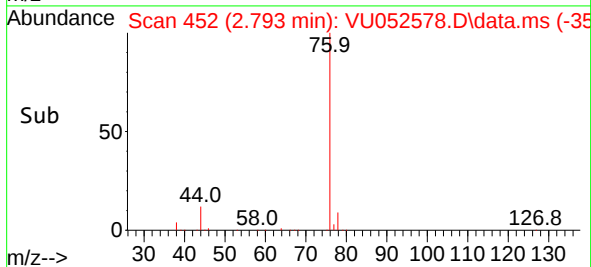
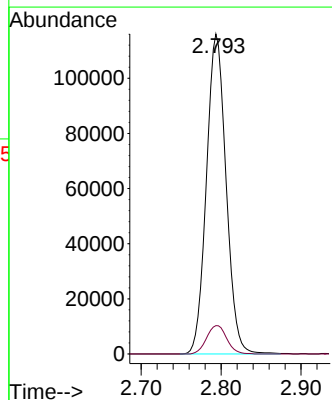
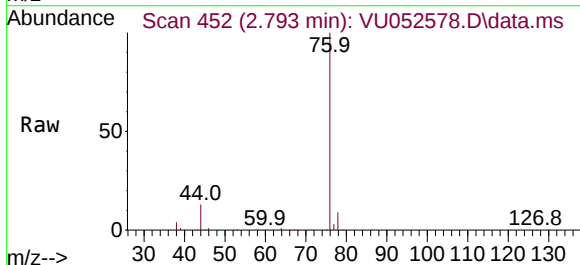
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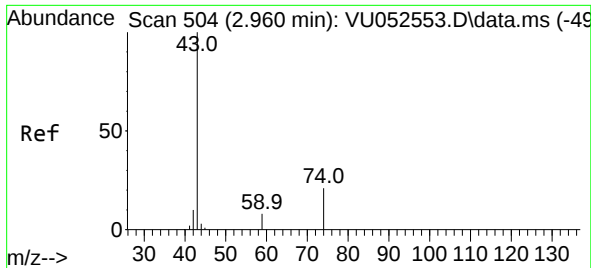
Tgt Ion: 76 Resp: 198260

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

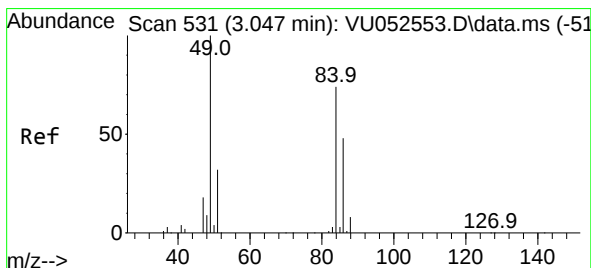
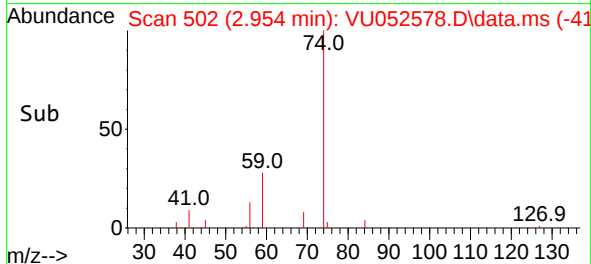
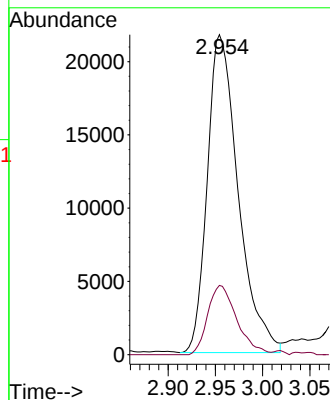
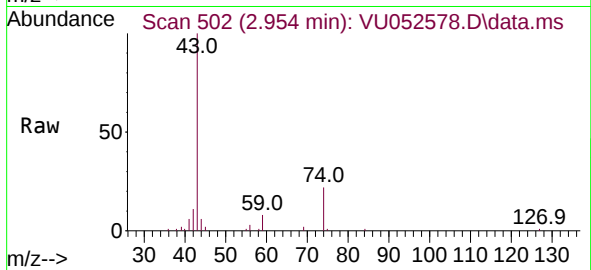




#15
Methyl Acetate
Concen: 5.079 ug/L
RT: 2.954 min Scan# 504
Delta R.T. -0.006 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

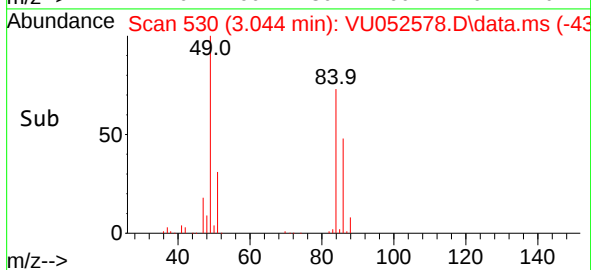
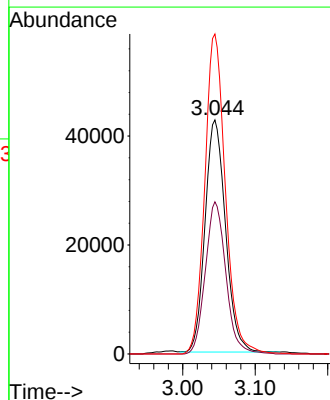
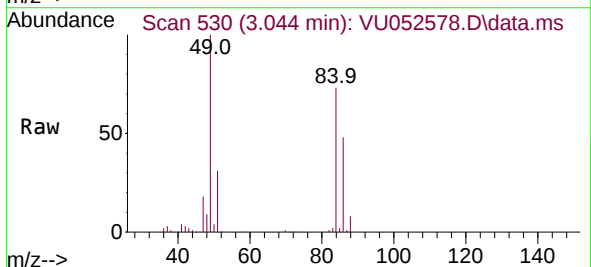
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

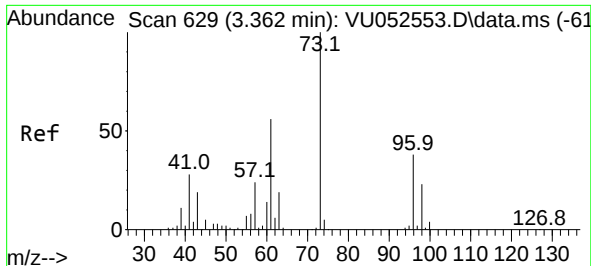
Tgt Ion: 43 Resp: 49371
Ion Ratio Lower Upper
43 100
74 20.5 16.9 25.3



#16
Methylene chloride
Concen: 4.153 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion: 84 Resp: 83709
Ion Ratio Lower Upper
84 100
86 65.0 44.7 83.1
49 136.7 93.3 173.3





#17

Methyl tert-butyl Ether

Concen: 5.043 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MSD

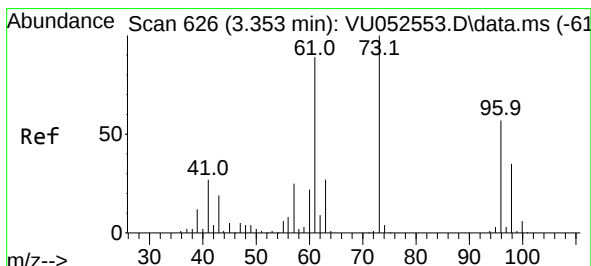
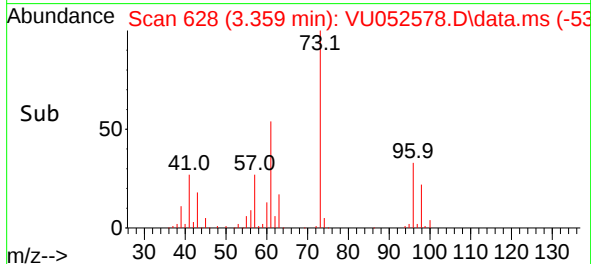
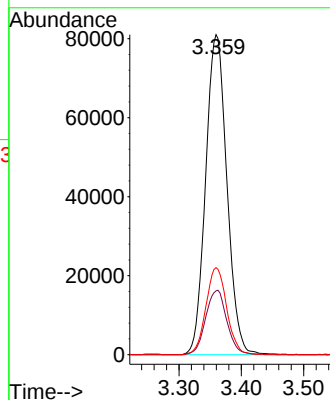
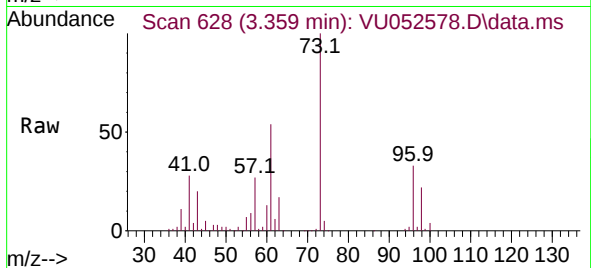
Tgt Ion: 73 Resp: 192066

Ion Ratio Lower Upper

73 100

43 20.2 16.1 24.1

57 26.6 19.2 28.8



#18

trans-1,2-Dichloroethene

Concen: 4.473 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

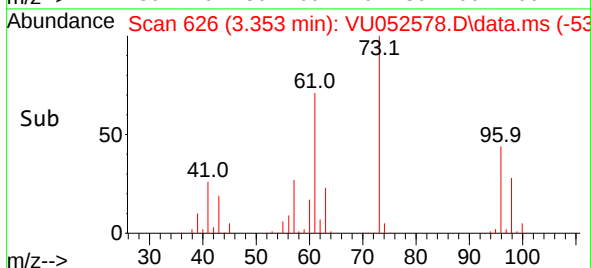
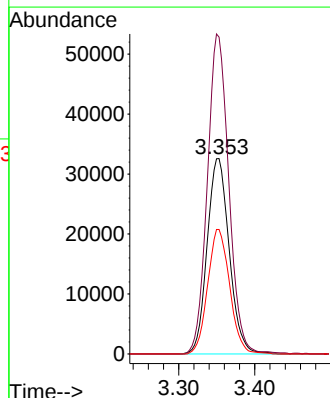
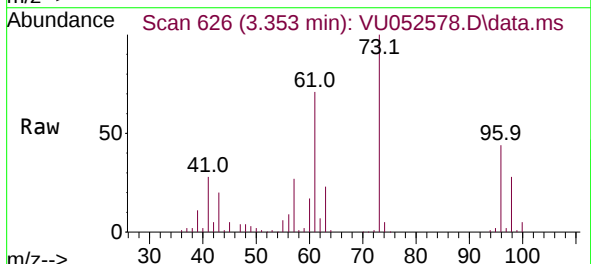
Tgt Ion: 96 Resp: 65773

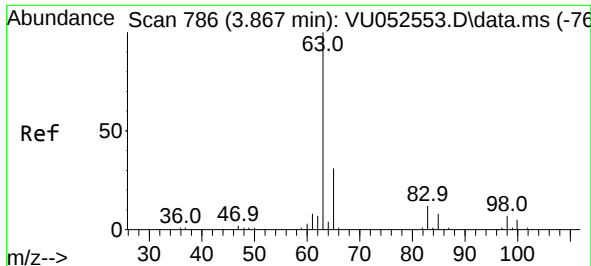
Ion Ratio Lower Upper

96 100

61 162.1 108.3 201.1

98 63.7 44.0 81.6

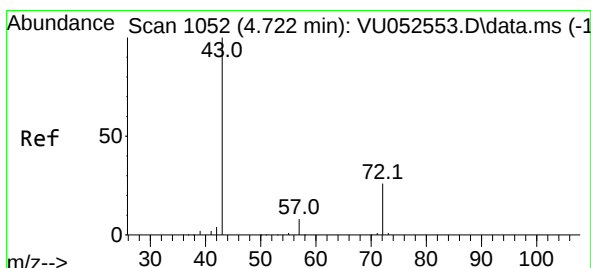
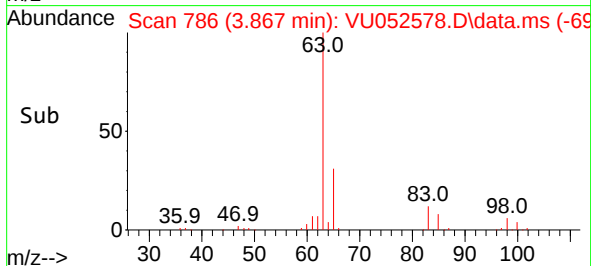
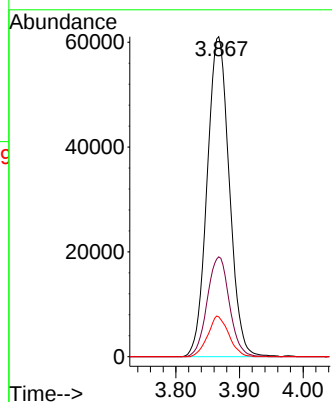
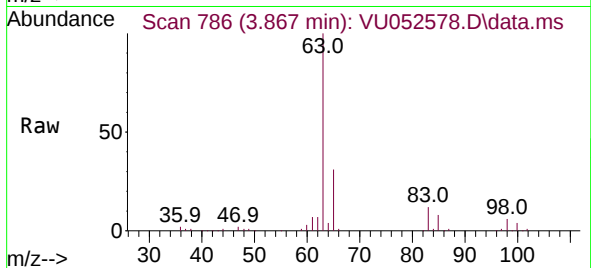




#19
1,1-Dichloroethane
Concen: 4.614 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

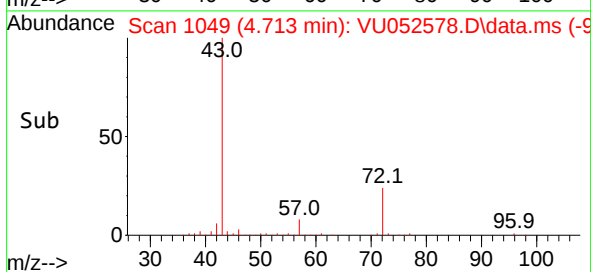
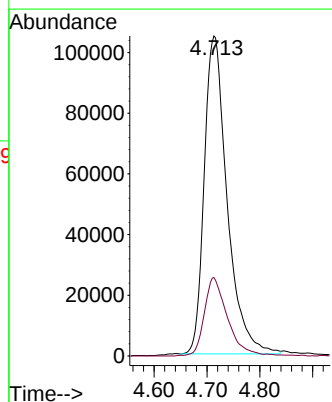
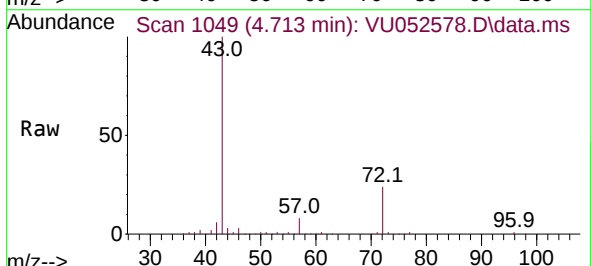
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

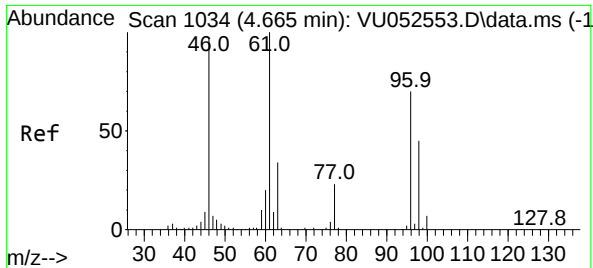
Tgt Ion: 63 Resp: 147544
Ion Ratio Lower Upper
63 100
65 31.2 22.0 40.8
83 12.4 9.0 16.8



#21
2-Butanone
Concen: 48.594 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.009 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion: 43 Resp: 315762
Ion Ratio Lower Upper
43 100
72 24.7 11.6 34.7

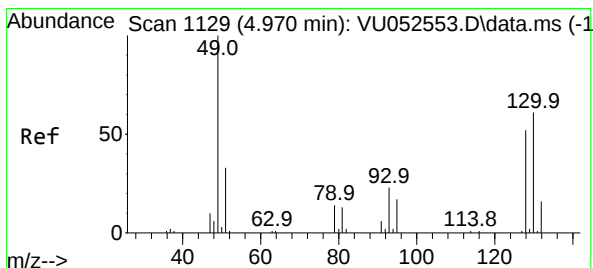
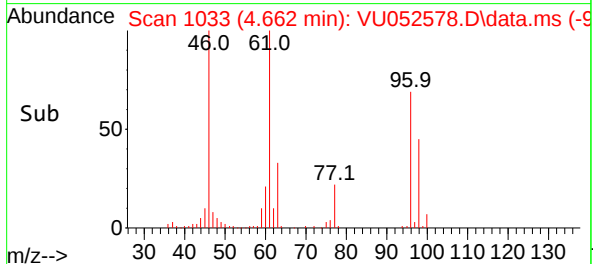
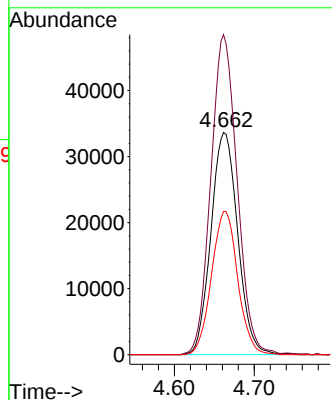
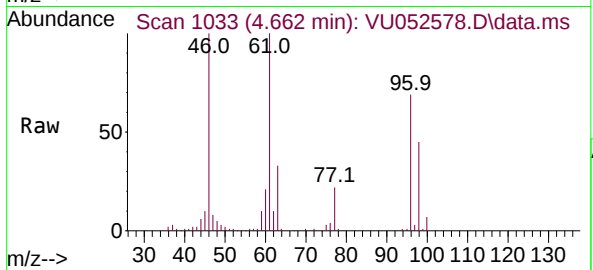




#22
 cis-1,2-Dichloroethene
 Concen: 4.846 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU052578.D
 Acq: 27 Dec 2022 20:31

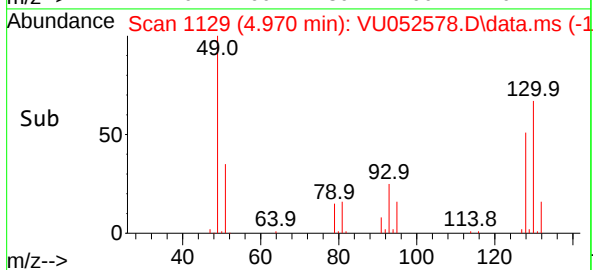
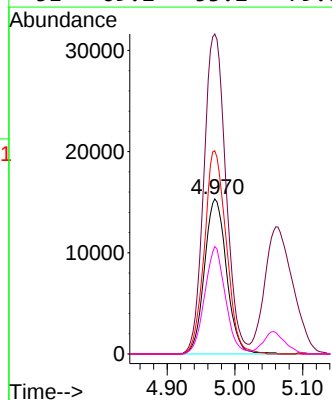
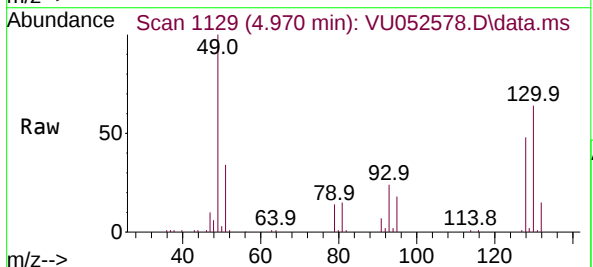
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD1MSD

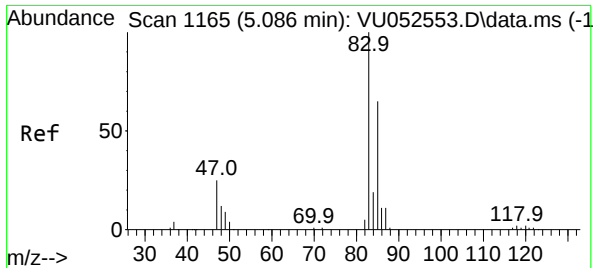
Tgt Ion: 96 Resp: 78205
 Ion Ratio Lower Upper
 96 100
 61 144.0 96.9 180.1
 98 64.5 44.7 83.1



#23
 Bromochloromethane
 Concen: 4.642 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VU052578.D
 Acq: 27 Dec 2022 20:31

Tgt Ion:128 Resp: 34712
 Ion Ratio Lower Upper
 128 100
 49 206.3 143.3 266.1
 130 131.0 88.4 164.2
 51 69.2 53.2 79.8

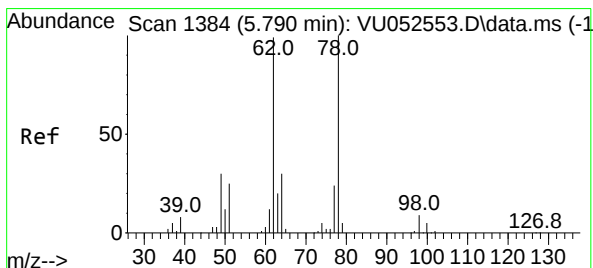
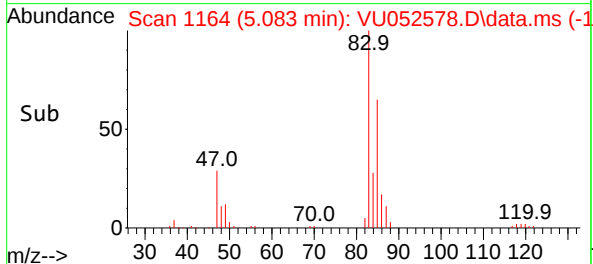
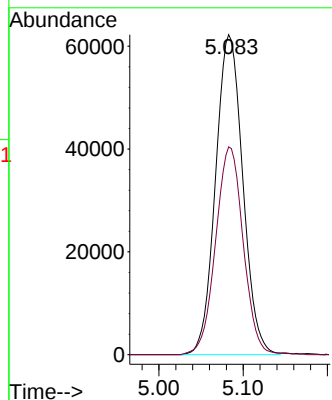
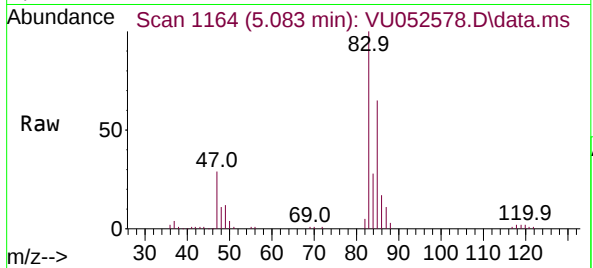




#25
Chloroform
Concen: 4.511 ug/L
RT: 5.083 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

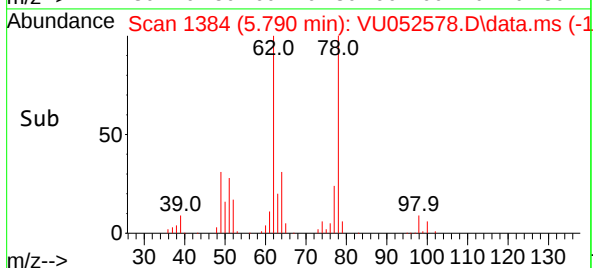
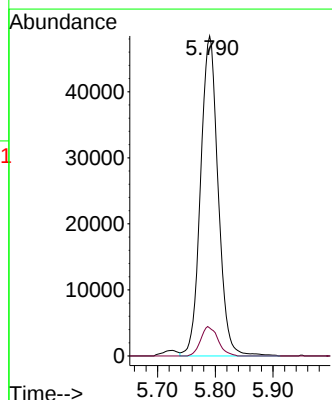
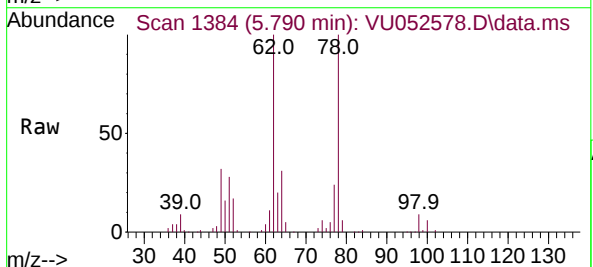
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

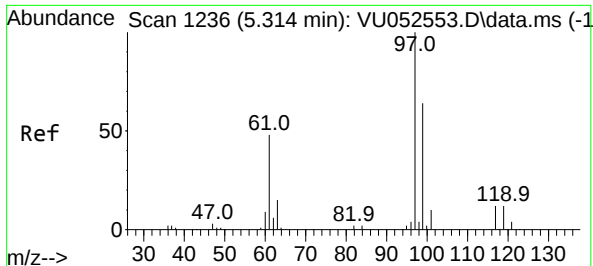
Tgt Ion: 83 Resp: 139750
Ion Ratio Lower Upper
83 100
85 65.0 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.777 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion: 62 Resp: 102251
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.2

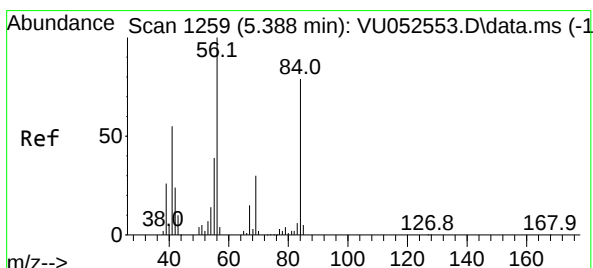
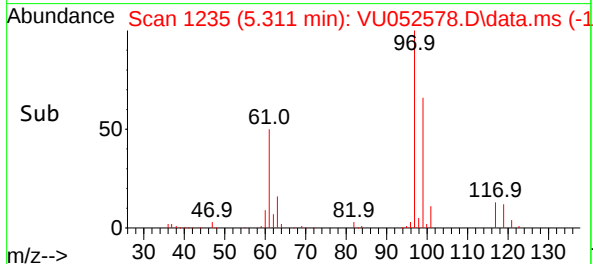
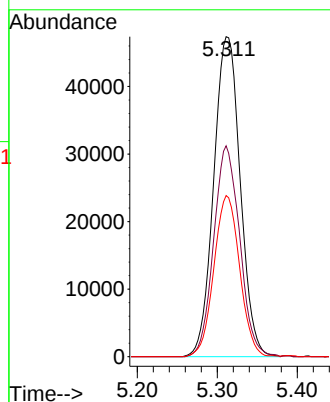
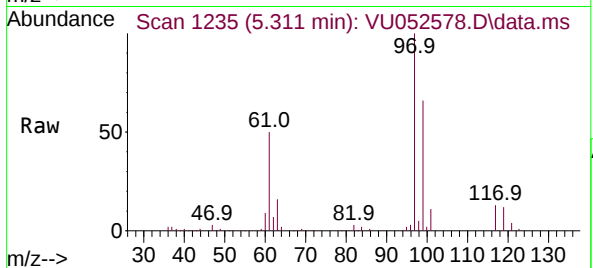




#29
1,1,1-Trichloroethane
Concen: 4.841 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

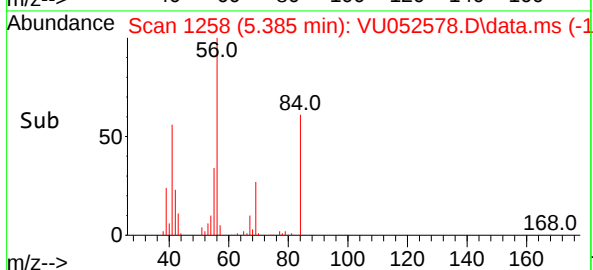
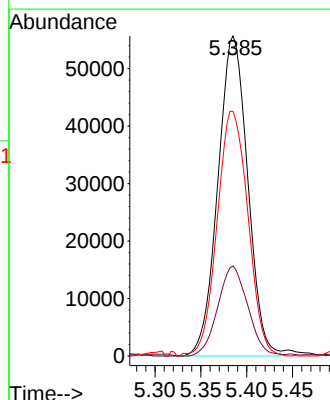
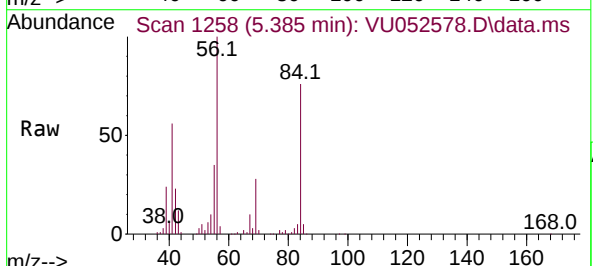
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

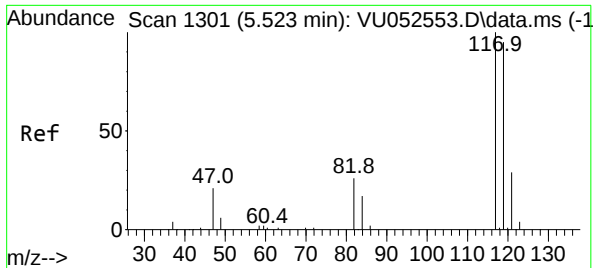
Tgt Ion: 97 Resp: 109098
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 49.0 41.6 62.4



#30
Cyclohexane
Concen: 5.154 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion: 56 Resp: 125499
Ion Ratio Lower Upper
56 100
69 28.3 23.0 34.6
84 79.1 64.4 96.6

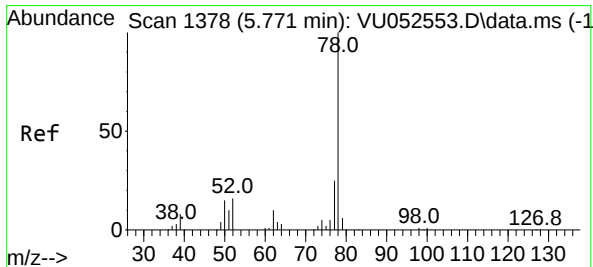
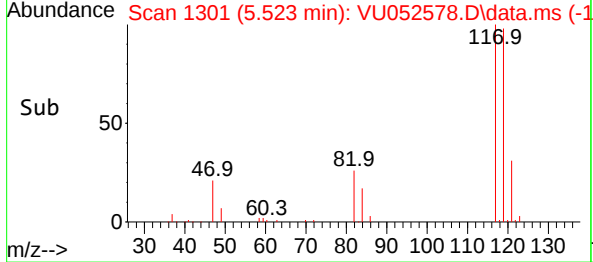
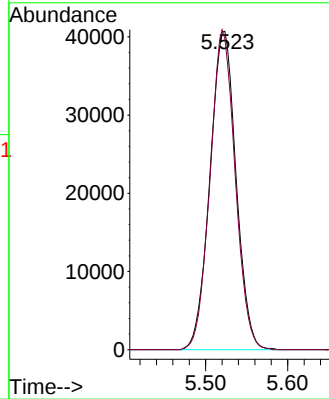
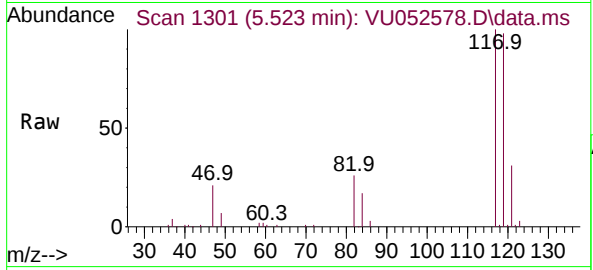




#31
Carbon tetrachloride
Concen: 4.545 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

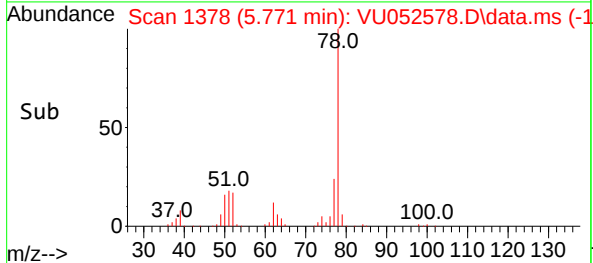
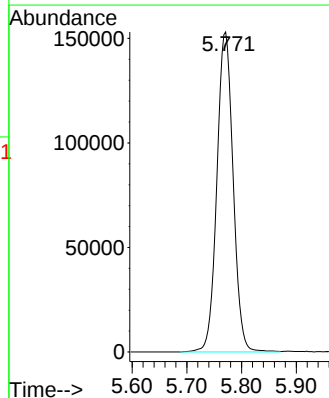
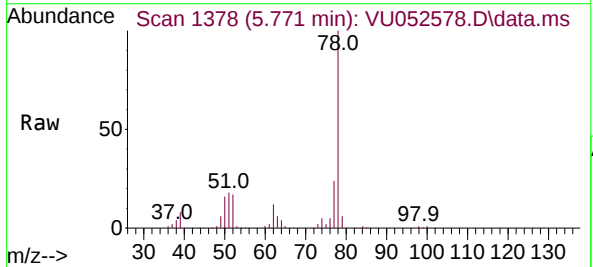
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

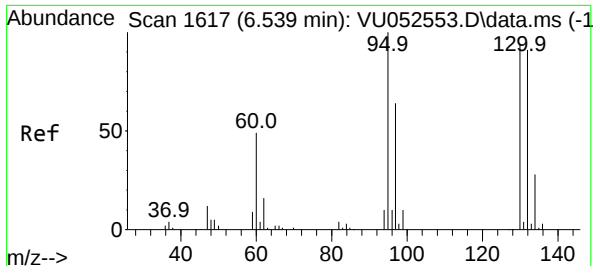
Tgt Ion:117 Resp: 89994
Ion Ratio Lower Upper
117 100
119 96.6 76.3 114.5



#33
Benzene
Concen: 4.896 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion: 78 Resp: 315762

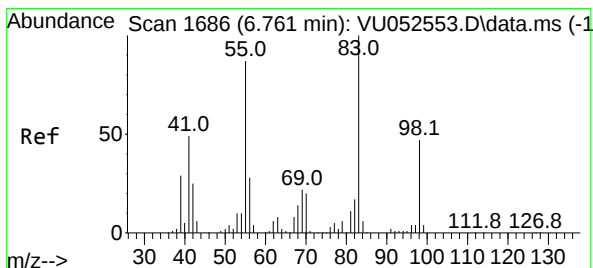
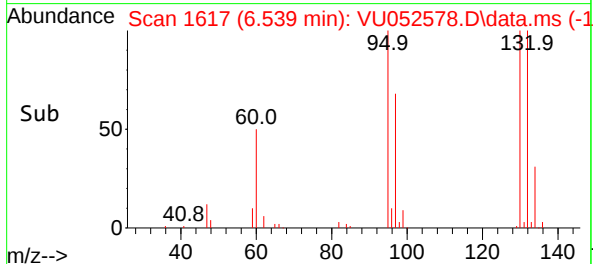
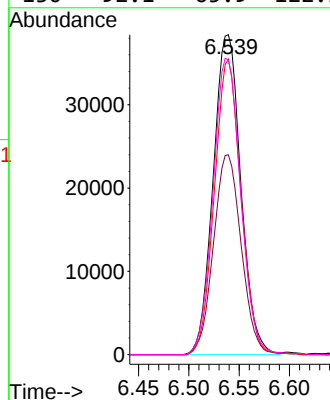
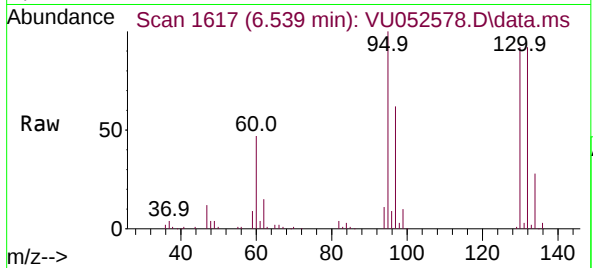




#34
Trichloroethene
Concen: 4.869 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

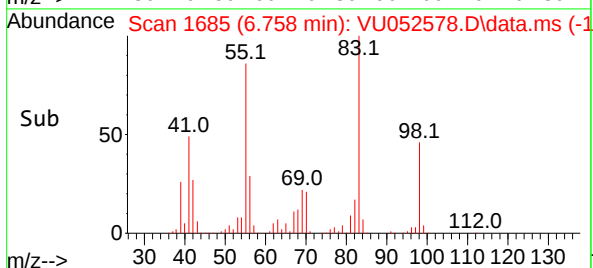
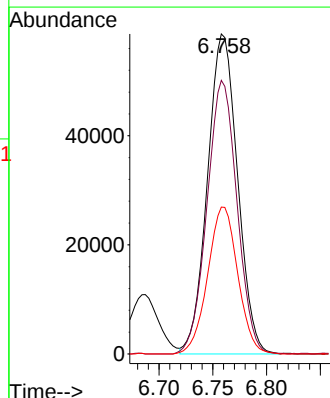
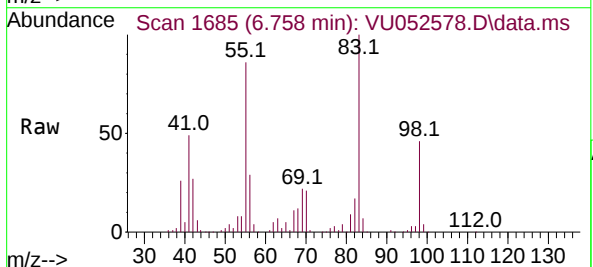
Instrument :
MSVOA_U
ClientSampleId :
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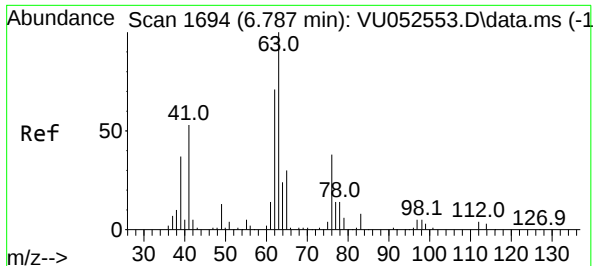
Tgt Ion: 95 Resp: 73406
Ion Ratio Lower Upper
95 100
97 62.4 46.3 86.1
132 92.4 63.9 118.7
130 92.1 65.9 122.5



#35
Methylcyclohexane
Concen: 5.028 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion: 83 Resp: 114302
Ion Ratio Lower Upper
83 100
55 85.2 71.4 107.0
98 45.9 36.5 54.7





#37

1,2-Dichloropropane

Concen: 4.943 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

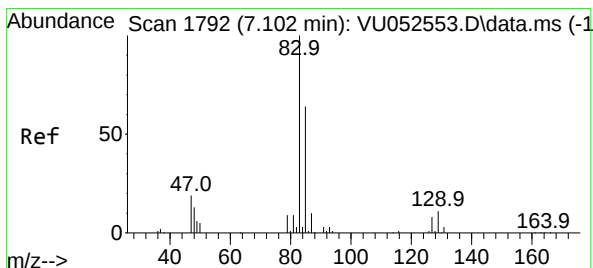
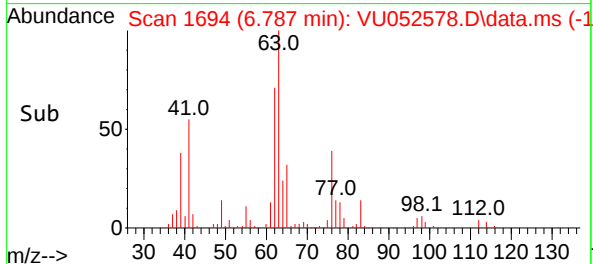
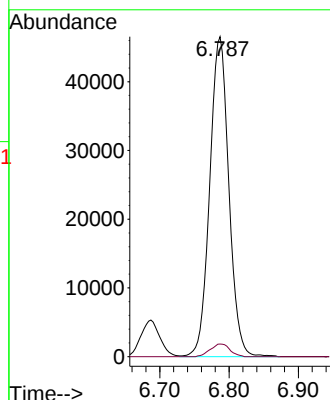
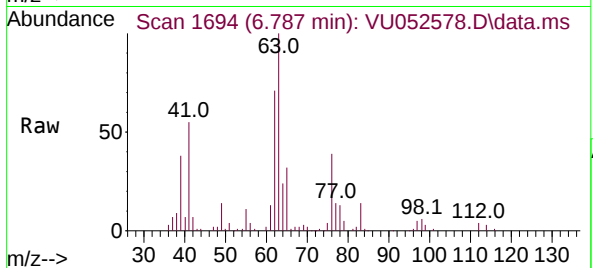
GBQD1MSD

Tgt Ion: 63 Resp: 88958

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.6



#38

Bromodichloromethane

Concen: 4.689 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

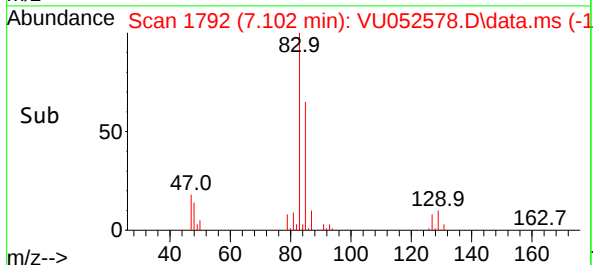
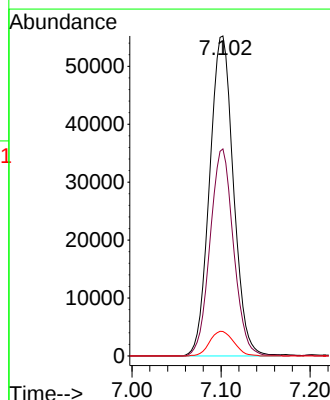
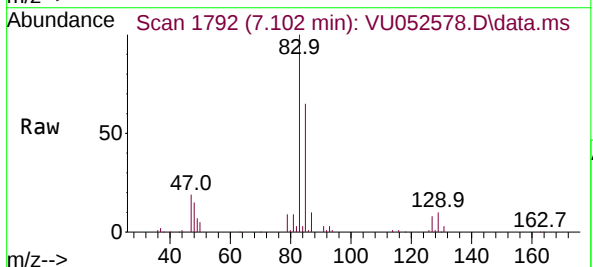
Tgt Ion: 83 Resp: 102697

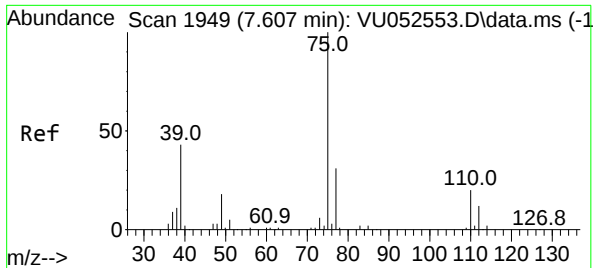
Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0

127 7.6 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 5.026 ug/L

RT: 7.604 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

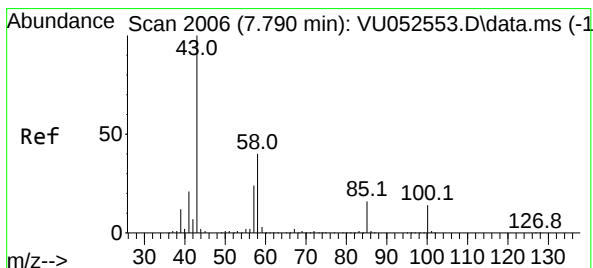
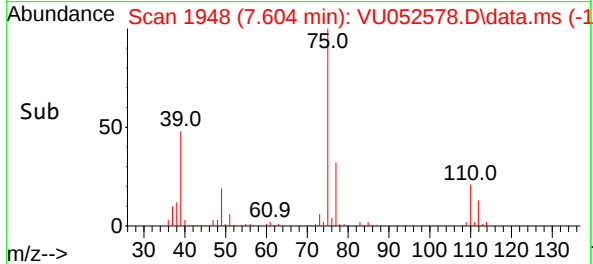
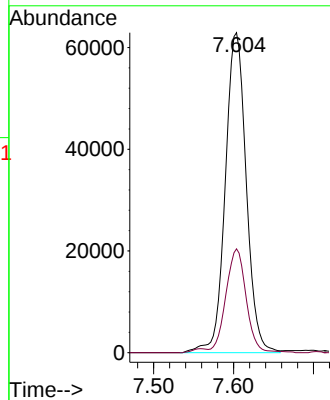
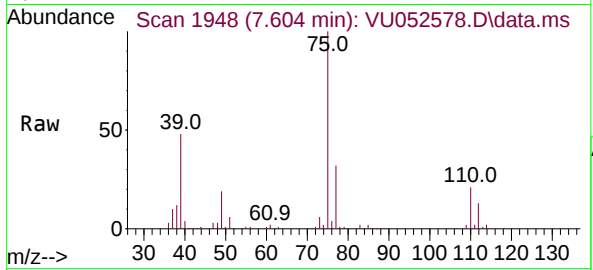
GBQD1MSD

Tgt Ion: 75 Resp: 114542

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 55.866 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

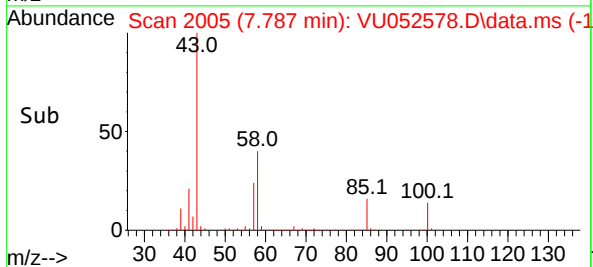
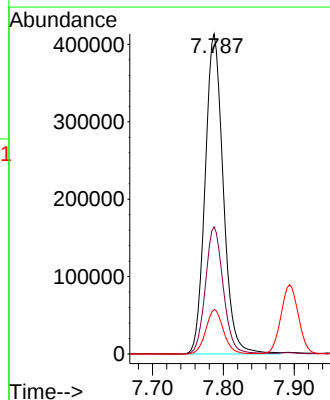
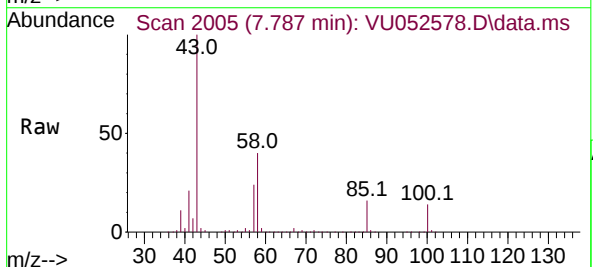
Tgt Ion: 43 Resp: 734644

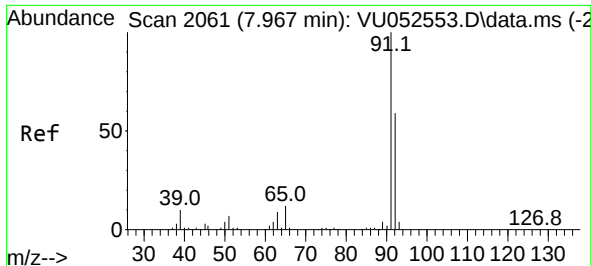
Ion Ratio Lower Upper

43 100

58 39.3 30.6 45.8

100 13.5 10.4 15.6

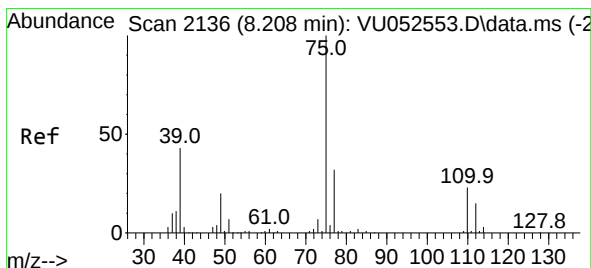
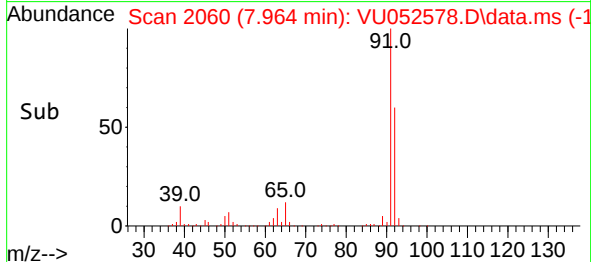
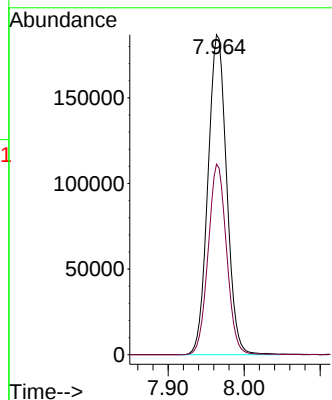
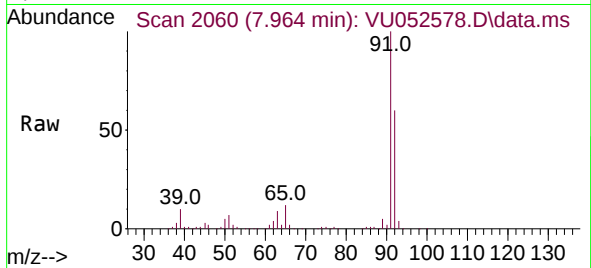




#42
Toluene
Concen: 5.166 ug/L
RT: 7.964 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

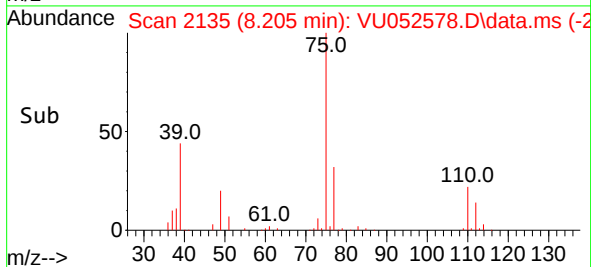
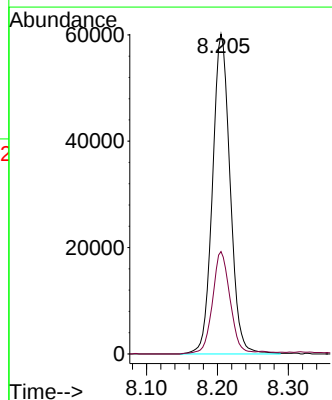
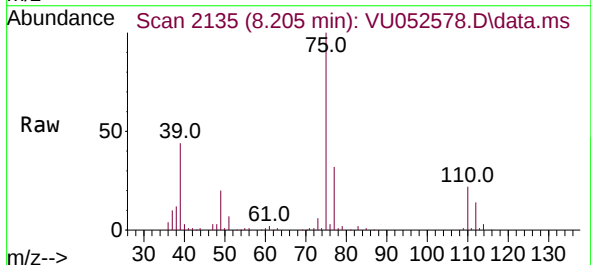
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

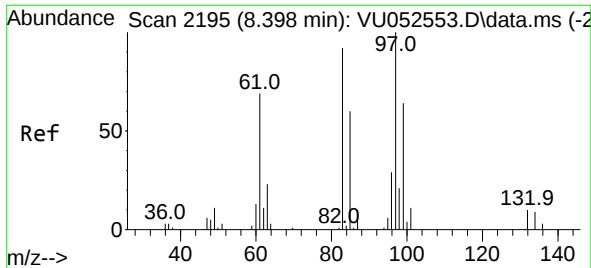
Tgt Ion: 91 Resp: 319401
Ion Ratio Lower Upper
91 100
92 59.6 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.178 ug/L
RT: 8.205 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion: 75 Resp: 103985
Ion Ratio Lower Upper
75 100
77 32.0 22.8 42.4



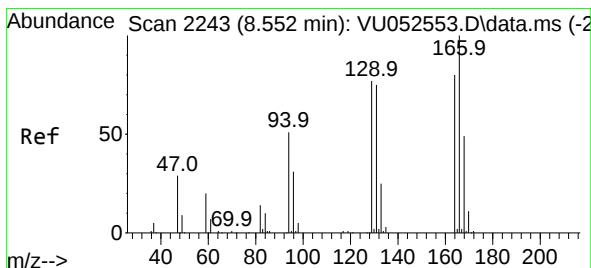
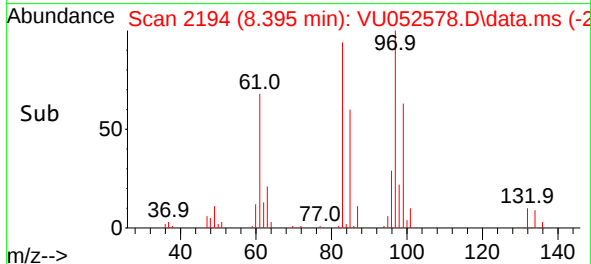
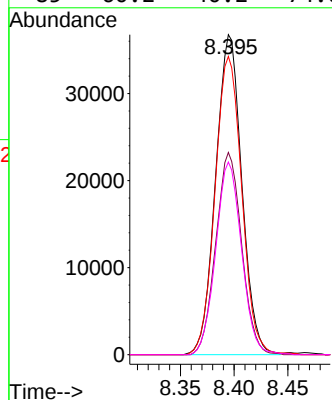
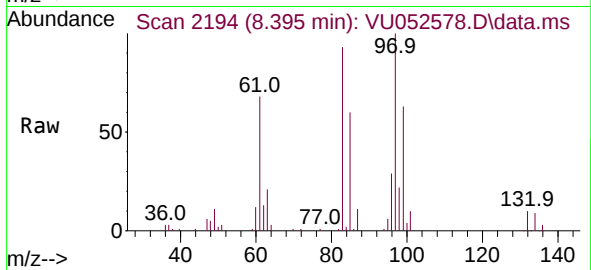


#45
1,1,2-Trichloroethane
Concen: 4.879 ug/L
RT: 8.395 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

Tgt Ion: 97 Resp: 62179

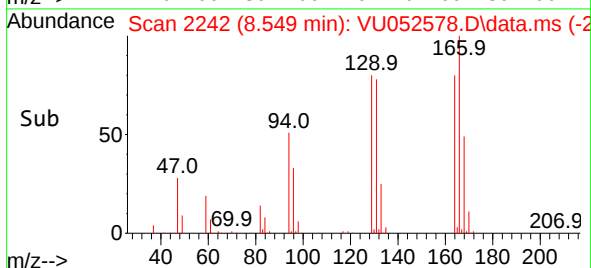
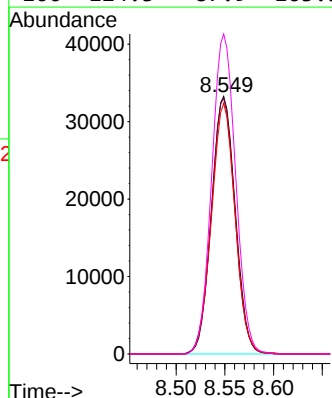
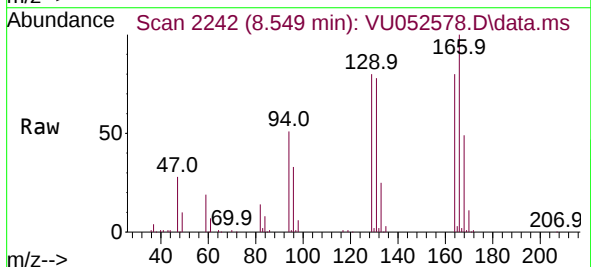
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.0	78.0
83	93.2	63.2	117.4
85	60.2	40.2	74.6

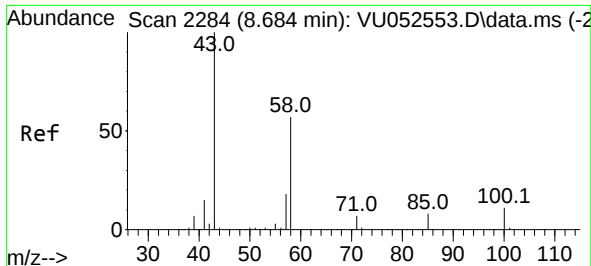


#47
Tetrachloroethene
Concen: 5.367 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion: 164 Resp: 56484

Ion	Ratio	Lower	Upper
164	100		
129	99.4	68.1	126.5
131	97.3	66.5	123.5
166	124.3	87.9	163.3

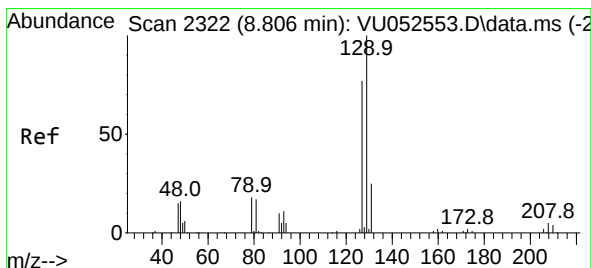
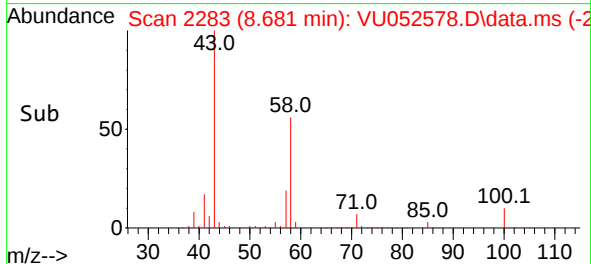
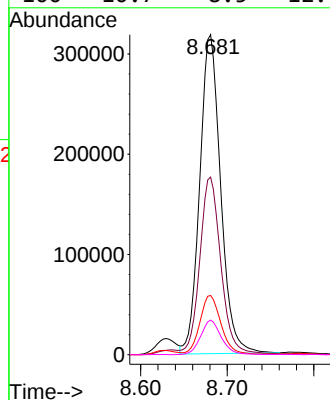
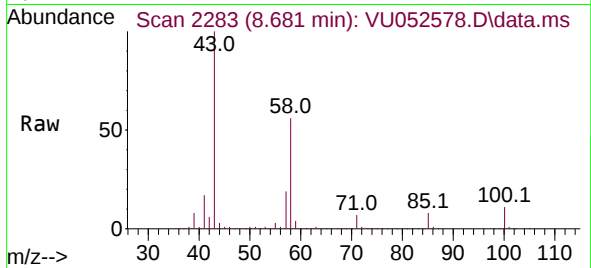




#48
2-Hexanone
Concen: 53.976 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

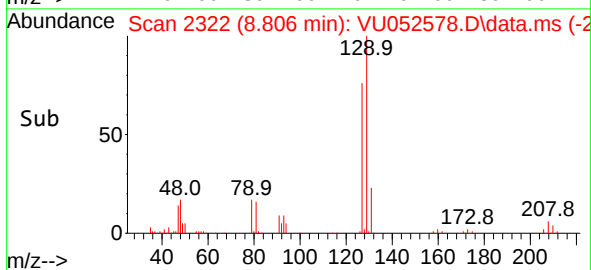
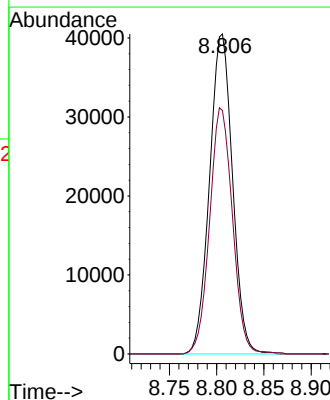
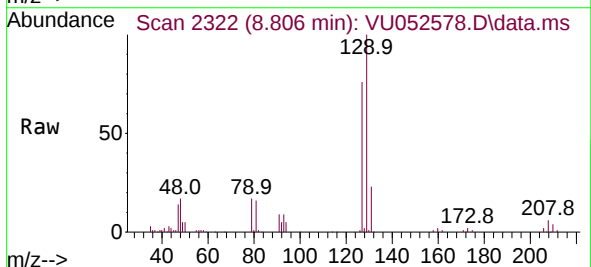
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

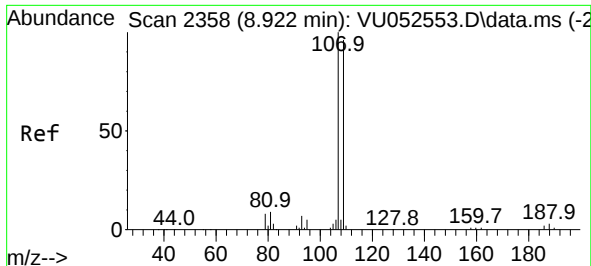
Tgt Ion: 43 Resp: 535026
Ion Ratio Lower Upper
43 100
58 55.8 44.1 66.1
57 18.5 14.6 21.8
100 10.7 8.5 12.7



#49
Dibromochloromethane
Concen: 5.077 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion: 129 Resp: 68524
Ion Ratio Lower Upper
129 100
127 76.1 54.2 100.6

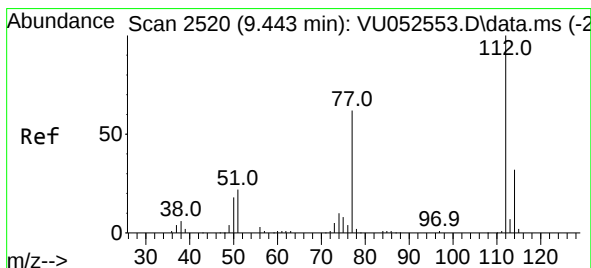
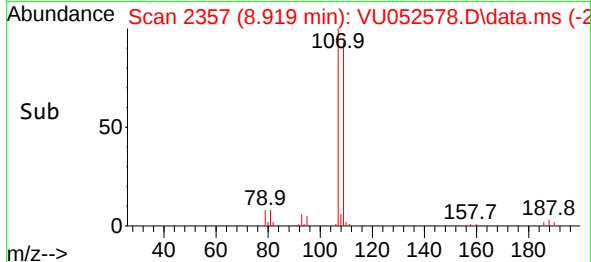
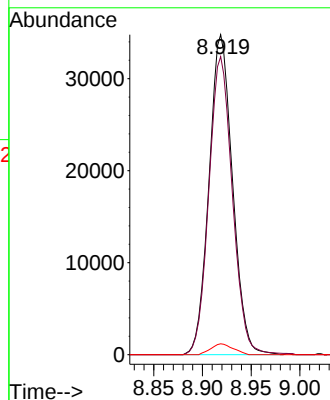
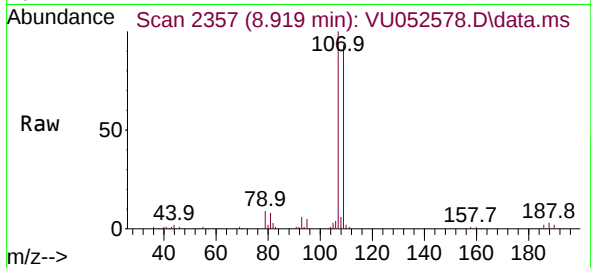




#50
1,2-Dibromoethane
Concen: 5.035 ug/L
RT: 8.919 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

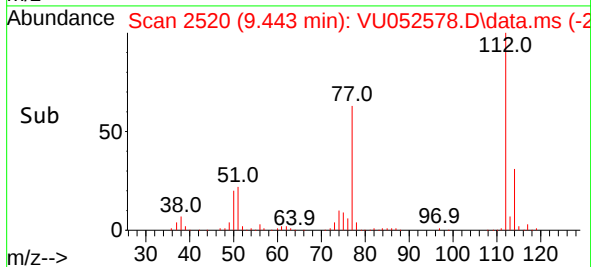
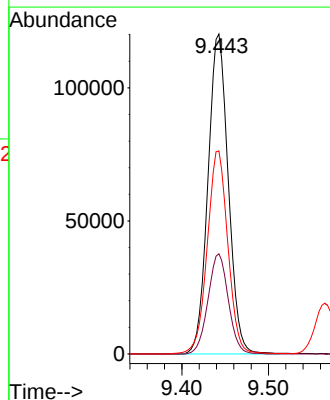
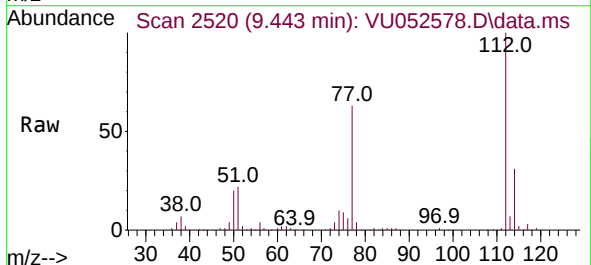
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

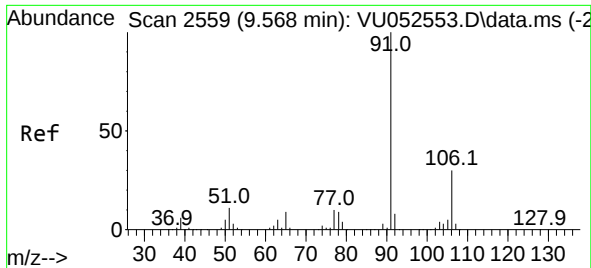
Tgt Ion:107 Resp: 58333
Ion Ratio Lower Upper
107 100
109 93.1 65.8 122.2
188 3.4 2.3 3.5



#51
Chlorobenzene
Concen: 4.957 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion:112 Resp: 195732
Ion Ratio Lower Upper
112 100
114 31.3 21.3 39.5
77 63.4 51.0 76.6

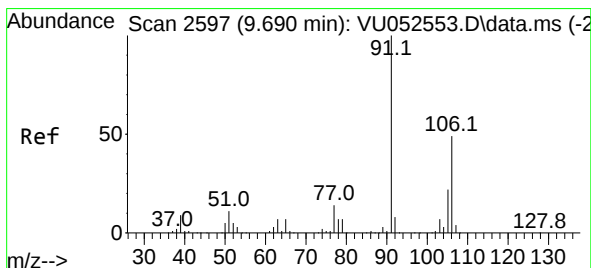
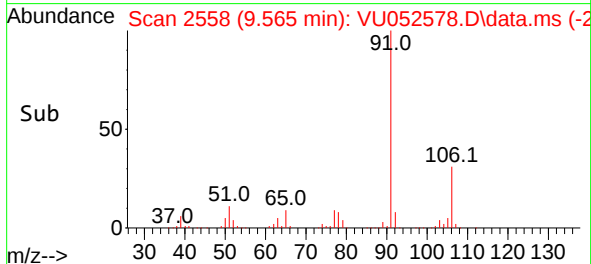
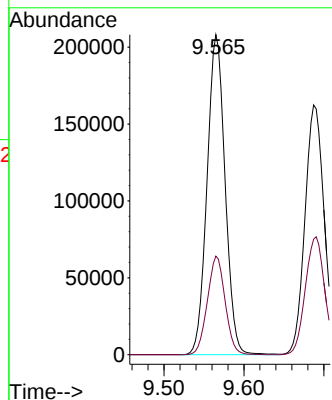
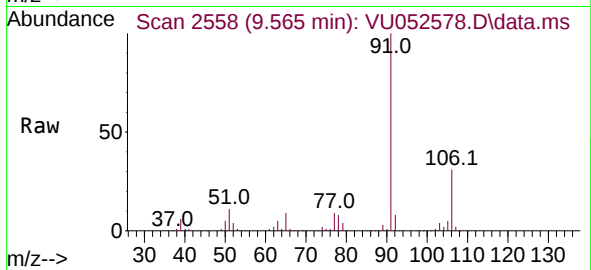




#52
Ethylbenzene
Concen: 5.103 ug/L
RT: 9.565 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

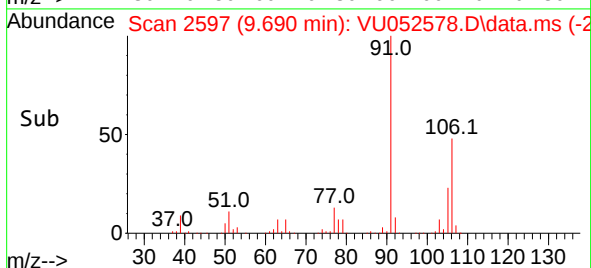
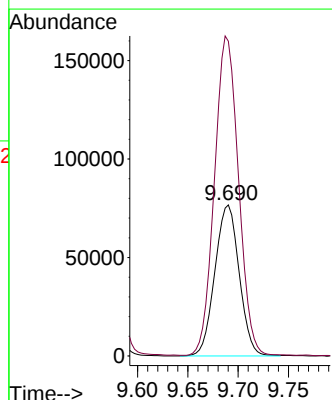
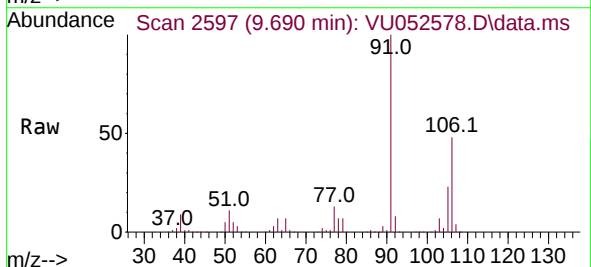
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

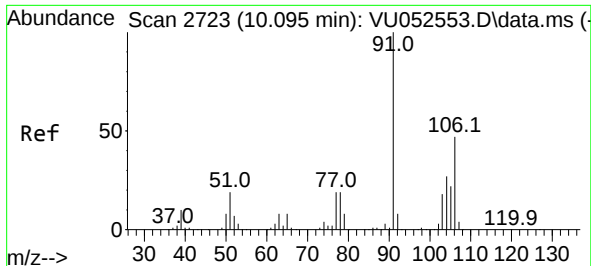
Tgt Ion: 91 Resp: 326549
Ion Ratio Lower Upper
91 100
106 30.8 20.9 38.7



#53
m,p-Xylene
Concen: 5.467 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion:106 Resp: 128995
Ion Ratio Lower Upper
106 100
91 208.5 148.2 275.2

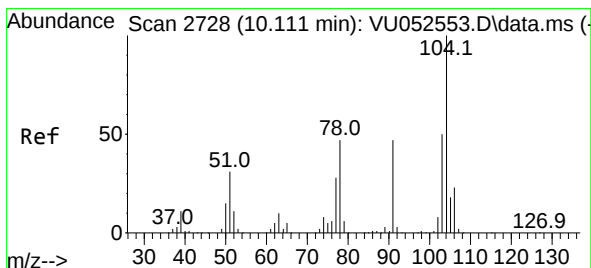
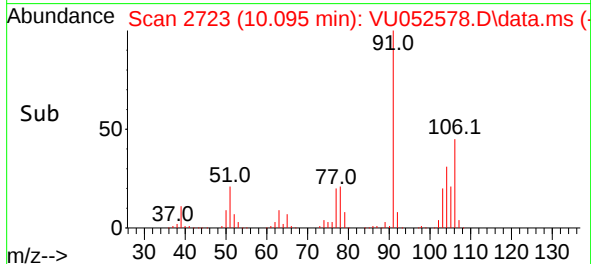
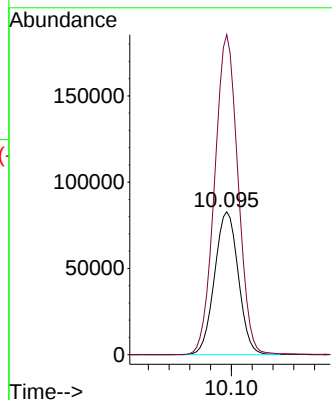
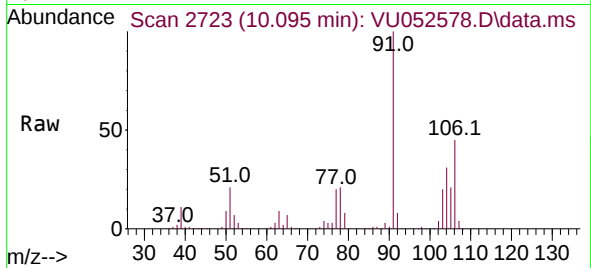




#54
o-Xylene
Concen: 5.817 ug/L
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

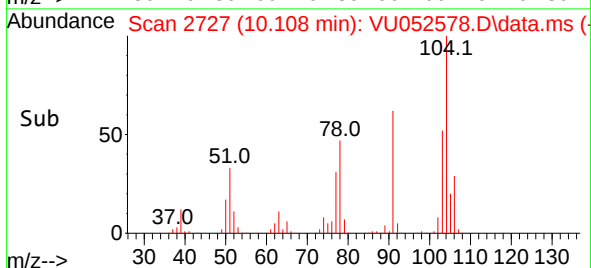
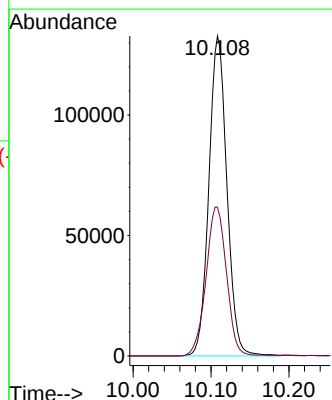
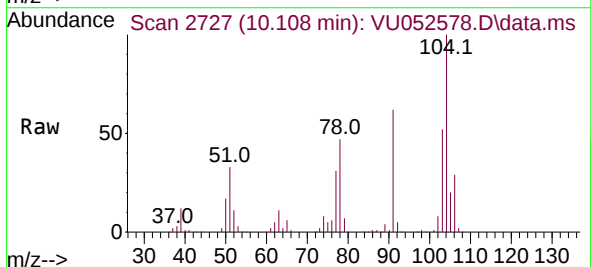
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

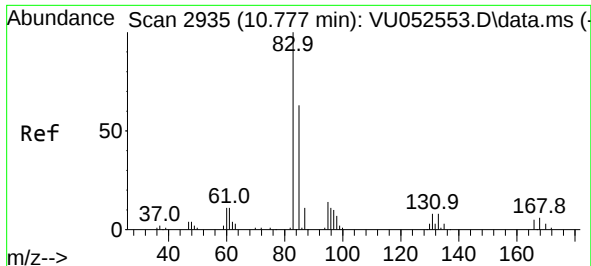
Tgt Ion:106 Resp: 131585
Ion Ratio Lower Upper
106 100
91 224.0 153.2 284.4



#55
Styrene
Concen: 5.430 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion:104 Resp: 213668
Ion Ratio Lower Upper
104 100
78 46.5 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.039 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MSD

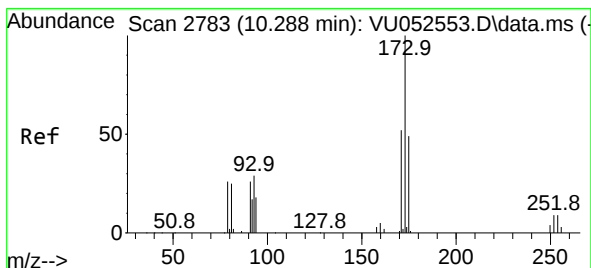
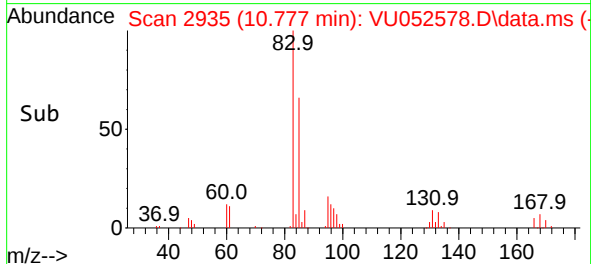
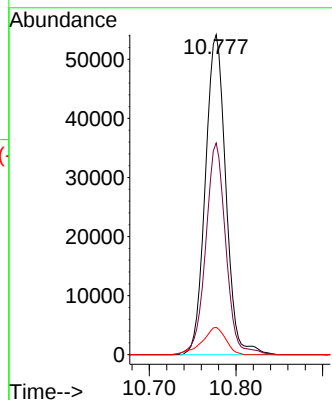
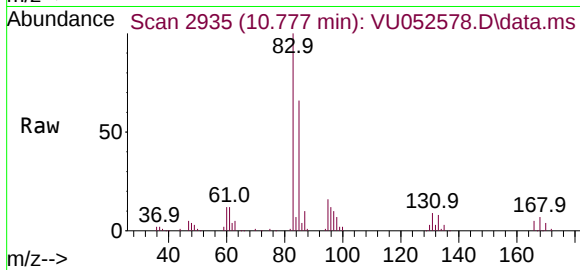
Tgt Ion: 83 Resp: 88788

Ion Ratio Lower Upper

83 100

85 66.1 44.7 83.1

131 8.5 6.0 9.0



#59

Bromoform

Concen: 4.685 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.003 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

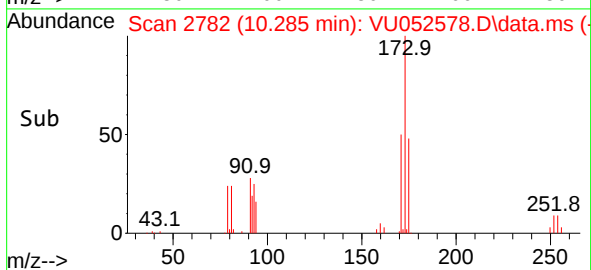
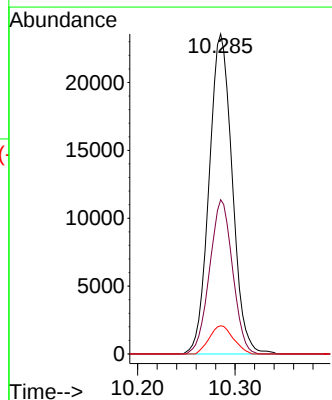
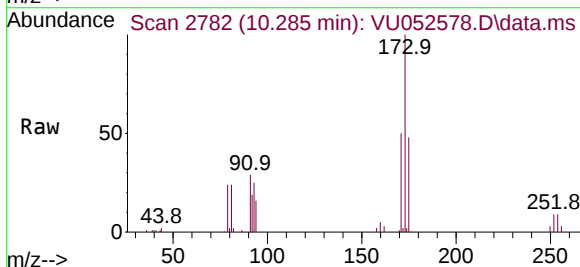
Tgt Ion:173 Resp: 38800

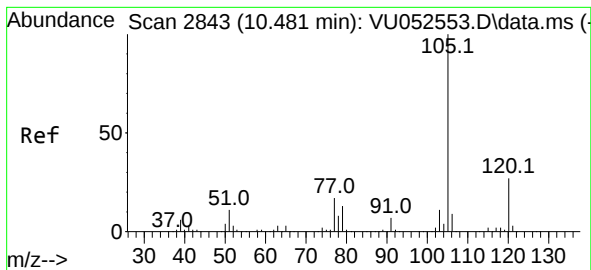
Ion Ratio Lower Upper

173 100

175 47.8 38.9 58.3

254 9.1 7.0 10.6





#60

Isopropylbenzene

Concen: 5.164 ug/L

RT: 10.478 min Scan# 2843

Delta R.T. -0.003 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MSD

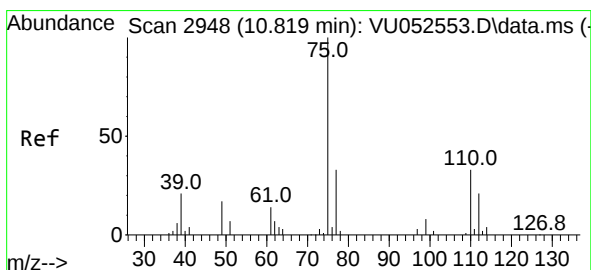
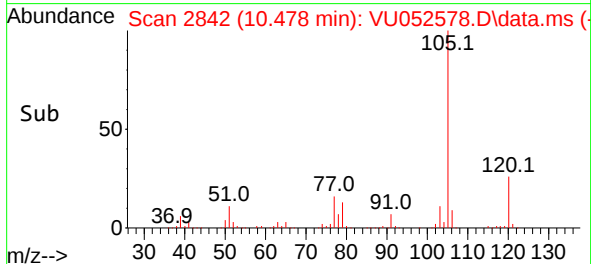
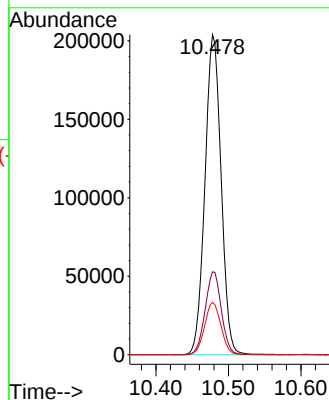
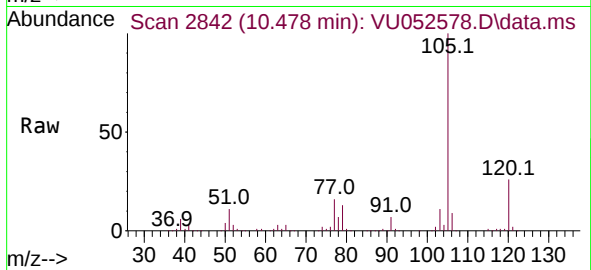
Tgt Ion:105 Resp: 315441

Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0

77 16.6 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 4.794 ug/L

RT: 10.816 min Scan# 2947

Delta R.T. -0.003 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

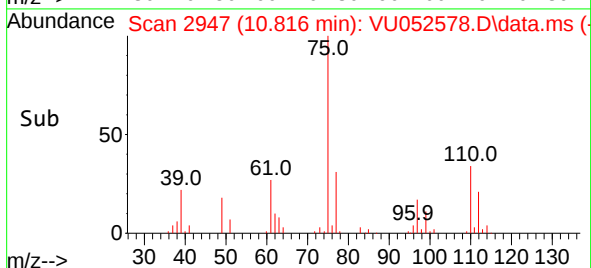
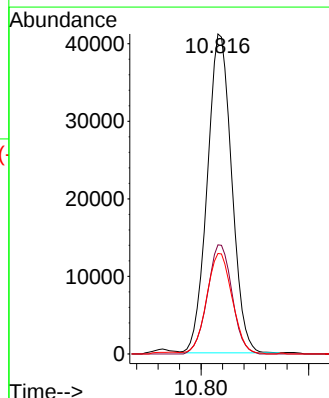
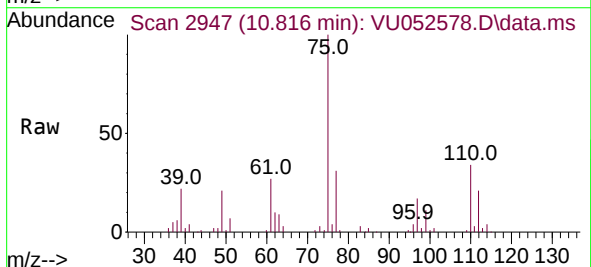
Tgt Ion: 75 Resp: 64805

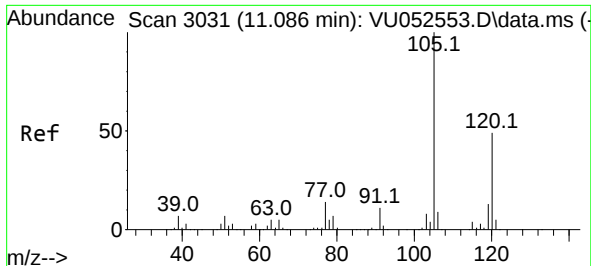
Ion Ratio Lower Upper

75 100

110 34.6 27.9 41.9

77 33.1 25.9 38.9

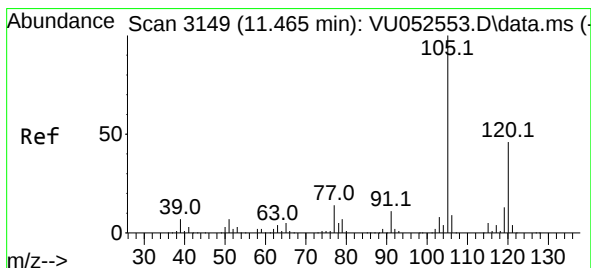
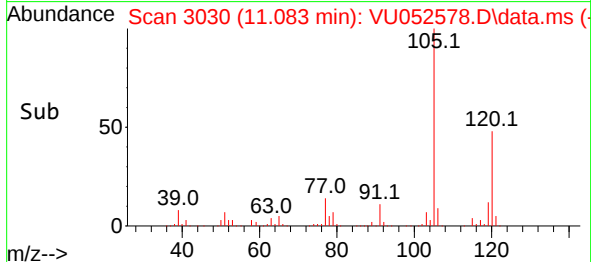
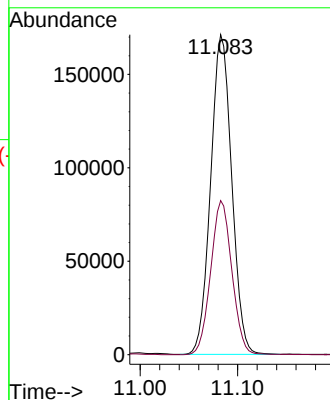
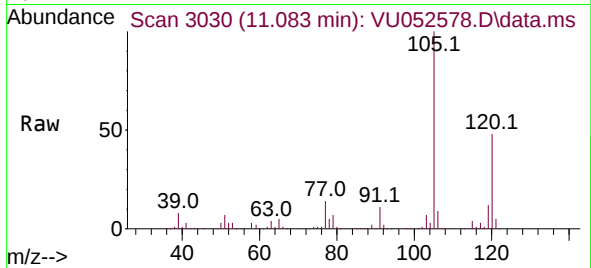




#62
1,3,5-Trimethylbenzene
Concen: 5.100 ug/L
RT: 11.083 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

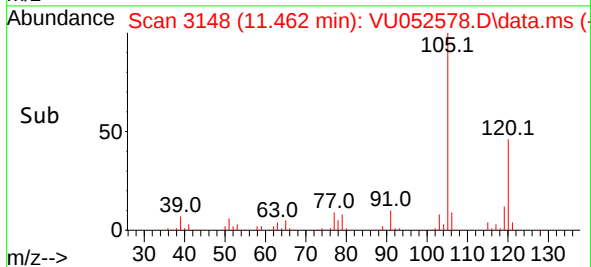
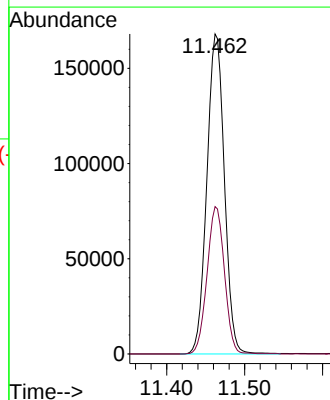
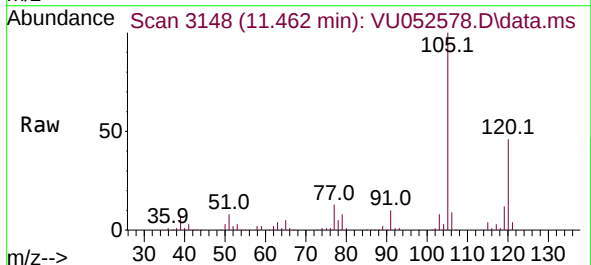
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

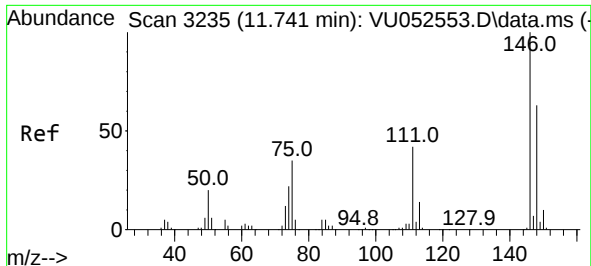
Tgt Ion:105 Resp: 256976
Ion Ratio Lower Upper
105 100
120 48.4 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 5.175 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion:105 Resp: 262468
Ion Ratio Lower Upper
105 100
120 45.7 35.6 53.4

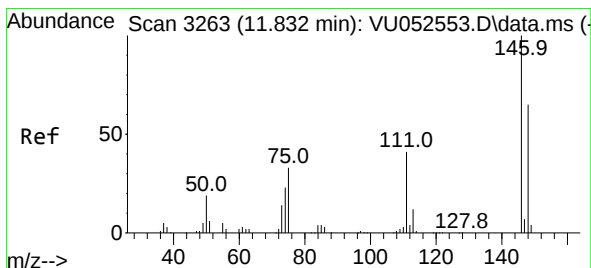
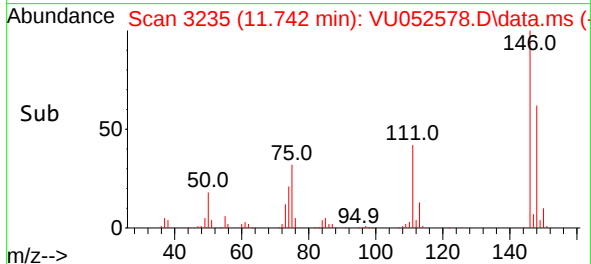
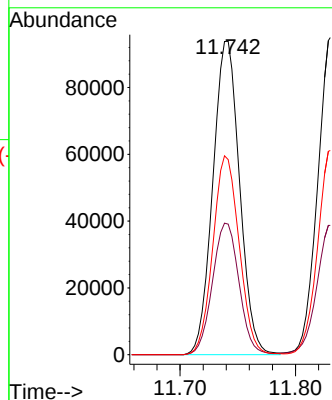
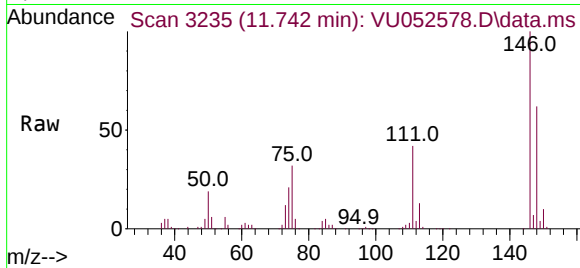




#64
1,3-Dichlorobenzene
Concen: 4.981 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

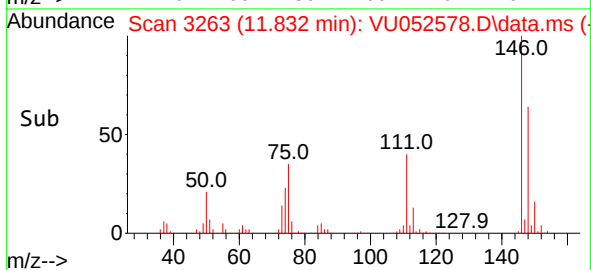
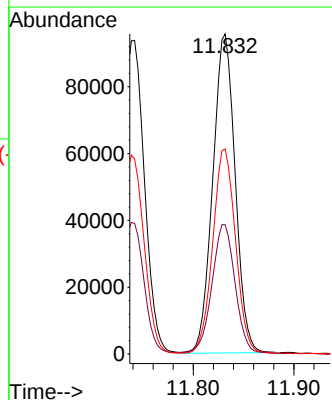
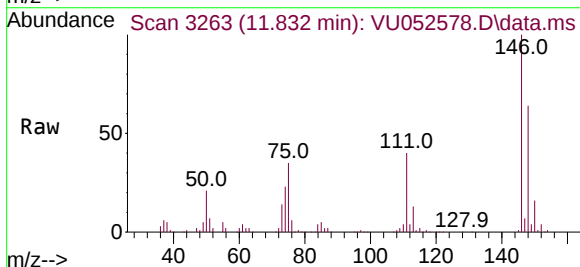
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

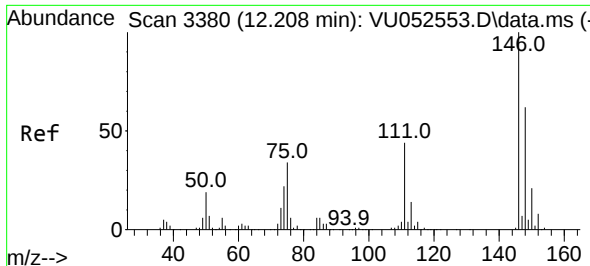
Tgt Ion:146 Resp: 150955
Ion Ratio Lower Upper
146 100
111 41.7 29.9 55.5
148 62.2 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.729 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion:146 Resp: 148248
Ion Ratio Lower Upper
146 100
111 40.4 27.5 51.1
148 64.1 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 4.856 ug/L

RT: 12.205 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MSD

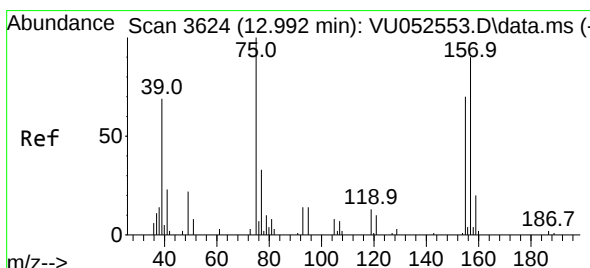
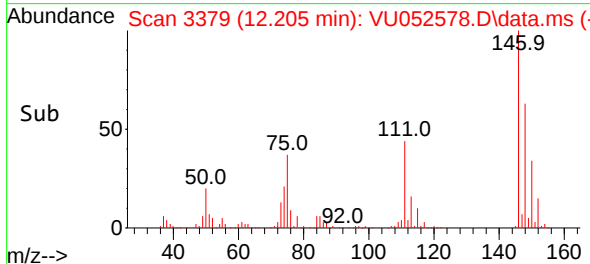
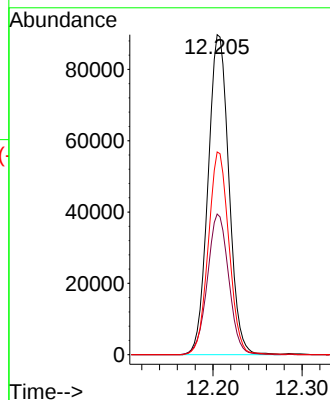
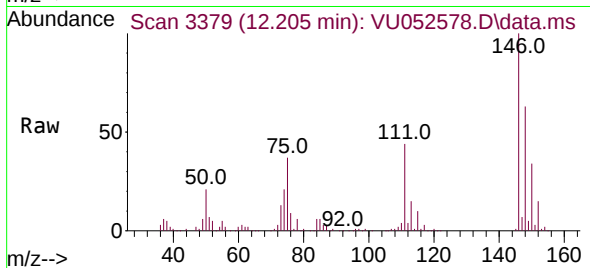
Tgt Ion:146 Resp: 145440

Ion Ratio Lower Upper

146 100

111 44.0 36.6 55.0

148 63.3 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.828 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. -0.003 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

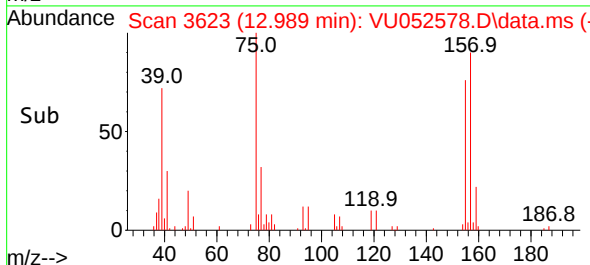
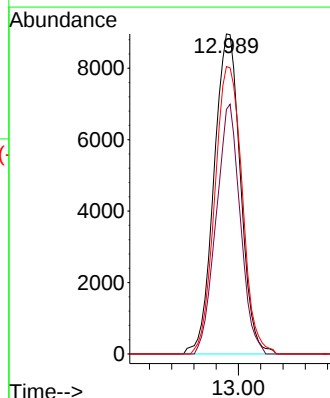
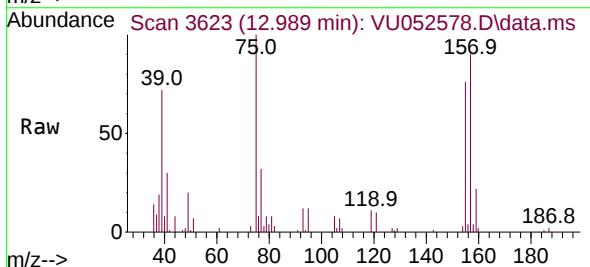
Tgt Ion: 75 Resp: 14773

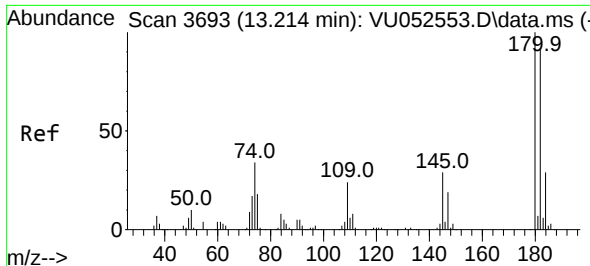
Ion Ratio Lower Upper

75 100

155 76.5 62.2 93.2

157 89.8 73.0 109.4





#69

1,3,5-Trichlorobenzene

Concen: 4.766 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MSD

Tgt Ion:180 Resp: 106371

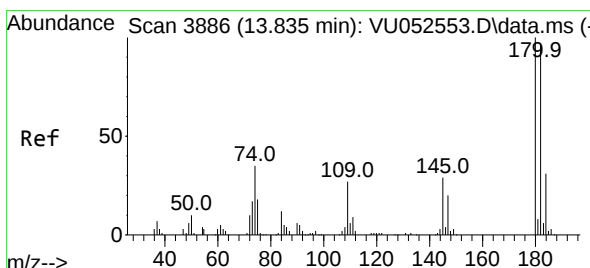
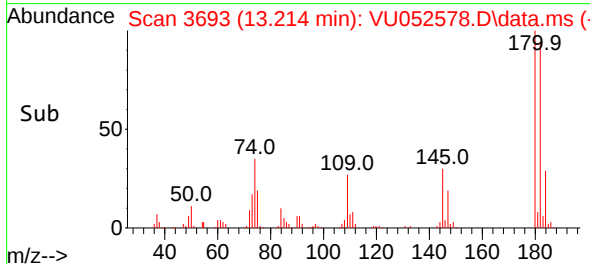
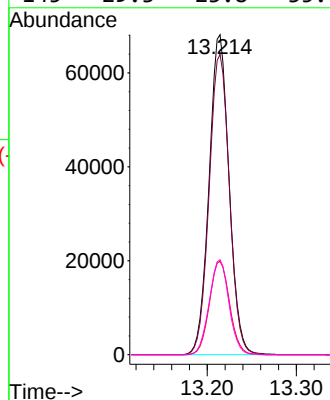
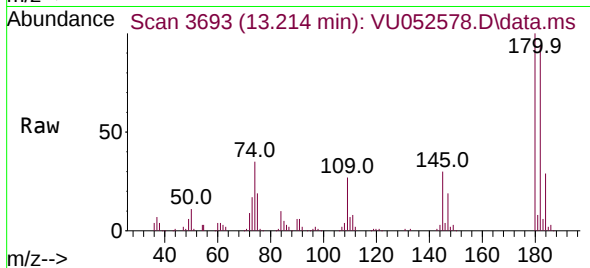
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.8

184 29.4 23.4 35.0

145 29.3 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 4.967 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052578.D

Acq: 27 Dec 2022 20:31

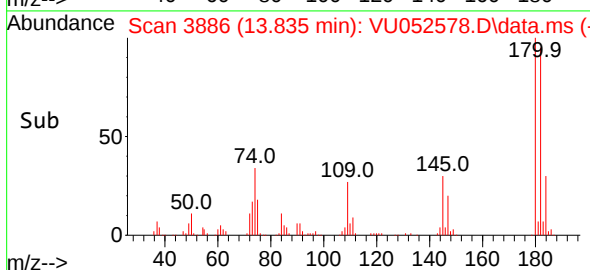
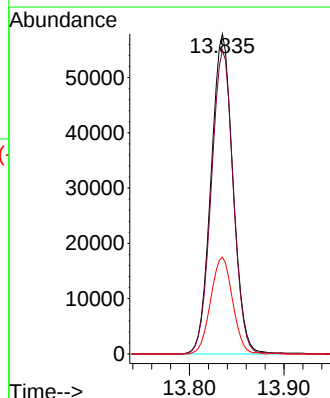
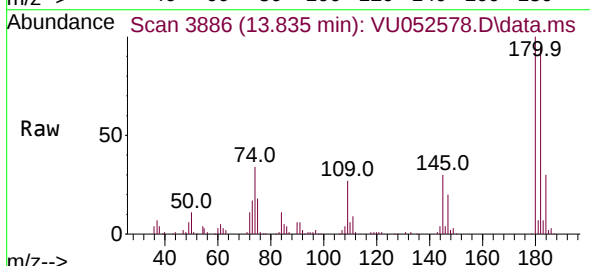
Tgt Ion:180 Resp: 93276

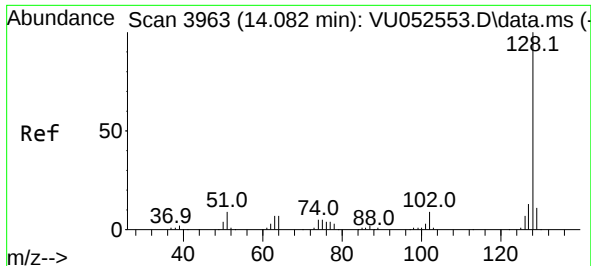
Ion Ratio Lower Upper

180 100

182 94.9 77.7 116.5

145 30.2 24.0 36.0

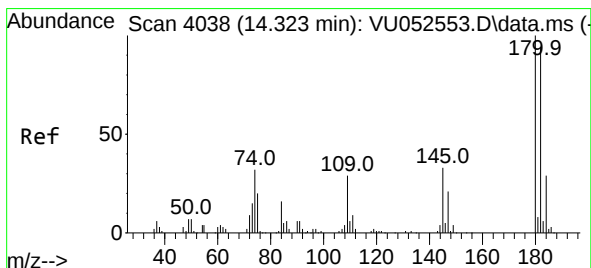
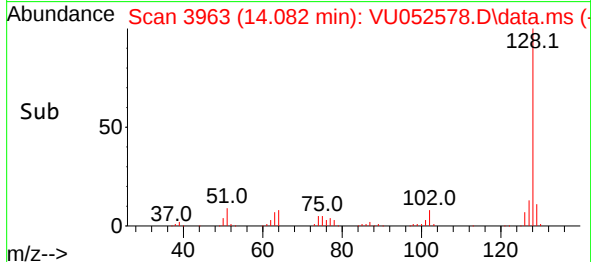
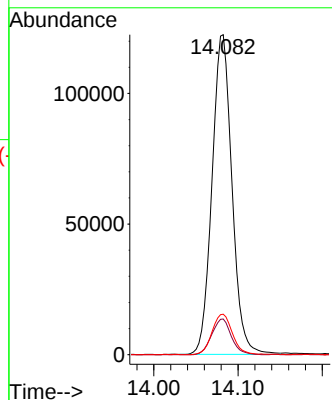
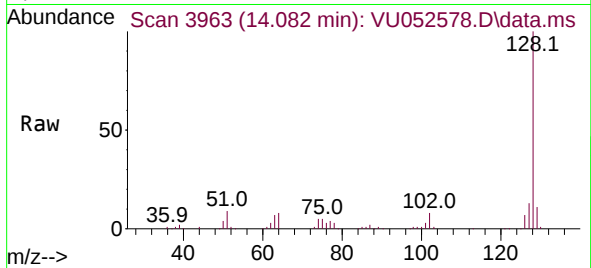




#71
Naphthalene
Concen: 5.296 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Instrument :
MSVOA_U
ClientSampleId :
GBQD1MSD

Tgt Ion:128 Resp: 201252
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.862 ug/L
RT: 14.324 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU052578.D
Acq: 27 Dec 2022 20:31

Tgt Ion:180 Resp: 91526
Ion Ratio Lower Upper
180 100
182 94.8 76.3 114.5
145 33.6 25.8 38.8

