

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056223.D
 Acq On : 11 Nov 2023 17:41
 Operator : MD/SY
 Sample : 05339-21MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDK5MS

Quant Time: Nov 11 20:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	370658	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	369577	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	192885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93111	4.047	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.911	69	80681	5.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.563	65	43438	4.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.624	46	283944	75.229	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.460%#
24) Chloroform-d	5.055	84	240562	5.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.695	65	110632	5.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.800%
32) Benzene-d6	5.721	84	453189	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.685	67	141590	5.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.894	98	404823	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.174	79	54254	5.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.600%
46) 2-Hexanone-d5	8.627	63	265035	80.962	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	161.920%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	116620	6.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.000%#
66) 1,2-Dichlorobenzene-d4	12.187	152	154602	5.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	153716	4.890	ug/L	98
3) Chloromethane	1.515	50	151734	5.153	ug/L	95
5) Vinyl chloride	1.602	62	150025	4.925	ug/L	98
6) Bromomethane	1.856	94	81602	4.664	ug/L	100
8) Chloroethane	1.930	64	84761	5.132	ug/L	99
9) Trichlorofluoromethane	2.136	101	204225	5.069	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	132806	5.174	ug/L	99
12) 1,1-Dichloroethene	2.576	96	123445	5.182	ug/L	95
13) Acetone	2.637	43	223577	80.320	ug/L	99
14) Carbon disulfide	2.788	76	391488	4.822	ug/L	99
15) Methyl Acetate	2.952	43	35493	4.519	ug/L	98
16) Methylene chloride	3.039	84	133871	4.901	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	280387	5.224	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	128036	5.072	ug/L	98
19) 1,1-Dichloroethane	3.862	63	241357	5.241	ug/L	96
21) 2-Butanone	4.705	43	265698	57.879	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	144973	5.320	ug/L	98
23) Bromochloromethane	4.968	128	61570	5.092	ug/L	98
25) Chloroform	5.081	83	266798	5.437	ug/L	100

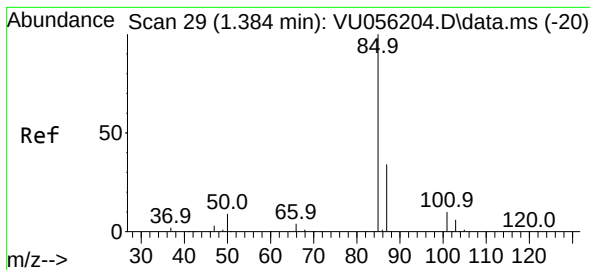
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056223.D
 Acq On : 11 Nov 2023 17:41
 Operator : MD/SY
 Sample : 05339-21MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDK5MS

Quant Time: Nov 11 20:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	143464	5.166	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	217055	5.127	ug/L	100
30) Cyclohexane	5.383	56	192594	4.869	ug/L	98
31) Carbon tetrachloride	5.518	117	190610	5.070	ug/L	99
33) Benzene	5.769	78	545612	5.156	ug/L	100
34) Trichloroethene	6.537	95	171830	5.945	ug/L	97
35) Methylcyclohexane	6.759	83	206786	4.813	ug/L	99
37) 1,2-Dichloropropane	6.785	63	137734	5.005	ug/L	99
38) Bromodichloromethane	7.100	83	173162	5.039	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	197653	5.089	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	657166	54.595	ug/L	99
42) Toluene	7.965	91	588134	5.272	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	157820	5.019	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	100619	5.348	ug/L	98
47) Tetrachloroethene	8.550	164	132423	6.104	ug/L	97
48) 2-Hexanone	8.679	43	480740	54.854	ug/L	98
49) Dibromochloromethane	8.804	129	110461	5.117	ug/L	95
50) 1,2-Dibromoethane	8.920	107	93261	5.305	ug/L	96
51) Chlorobenzene	9.441	112	372783	5.179	ug/L	99
52) Ethylbenzene	9.566	91	635709	5.229	ug/L	100
53) m,p-Xylene	9.692	106	245540	5.311	ug/L	99
54) o-Xylene	10.097	106	233933	5.278	ug/L	96
55) Styrene	10.110	104	392774	5.417	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	117258	5.304	ug/L	98
59) Bromoform	10.287	173	66301	4.949	ug/L	99
60) Isopropylbenzene	10.479	105	632700	5.059	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	81340	4.885	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	505660	4.986	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	503662	5.063	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	299198	5.051	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	297108	5.073	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	277856	5.091	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	17247	4.911	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	222320	5.012	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	179136	5.090	ug/L	98
71) Naphthalene	14.084	128	262392	5.027	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	154782	5.016	ug/L	99

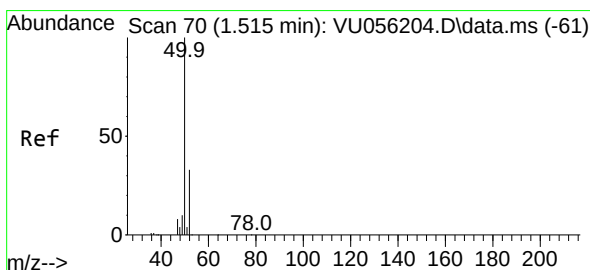
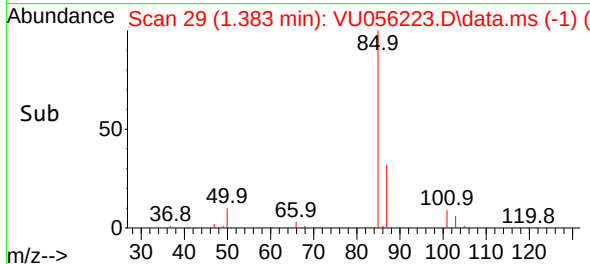
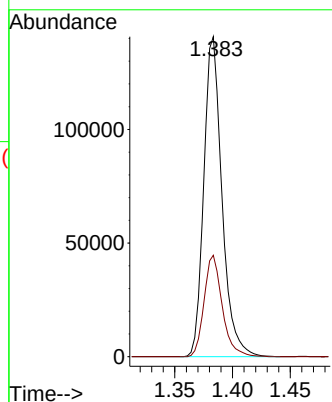
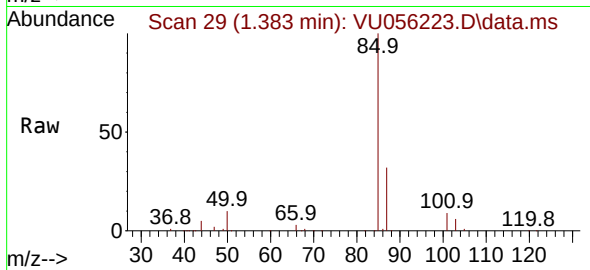
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.890 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056223.D
 Acq: 11 Nov 2023 17:41

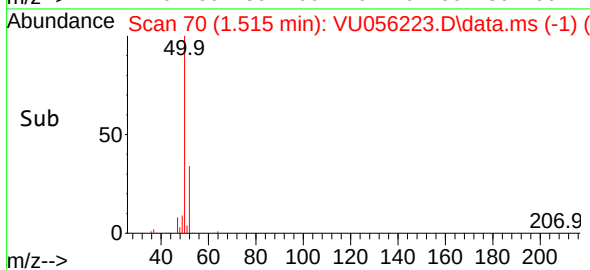
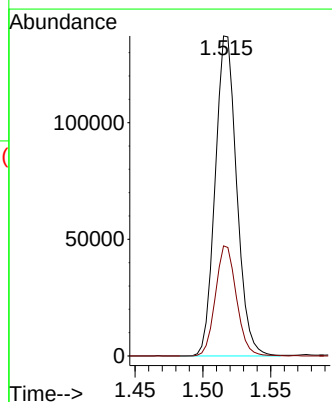
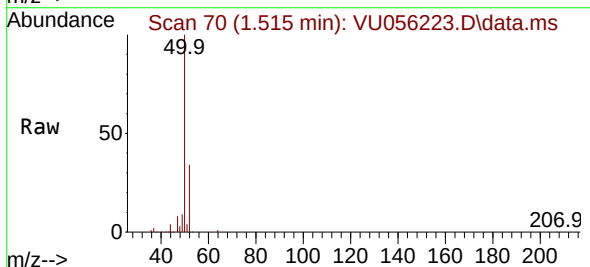
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDK5MS

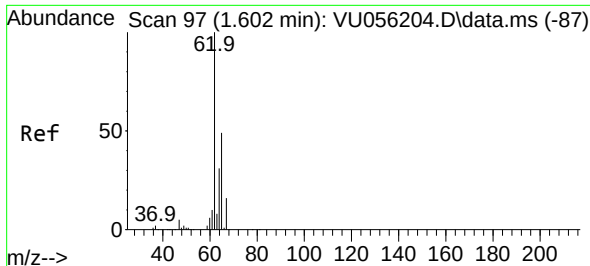
Tgt Ion: 85 Resp: 153716
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.4 39.6



#3
 Chloromethane
 Concen: 5.153 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056223.D
 Acq: 11 Nov 2023 17:41

Tgt Ion: 50 Resp: 151734
 Ion Ratio Lower Upper
 50 100
 52 34.4 22.2 41.2

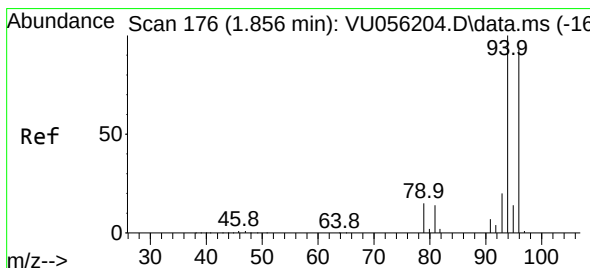
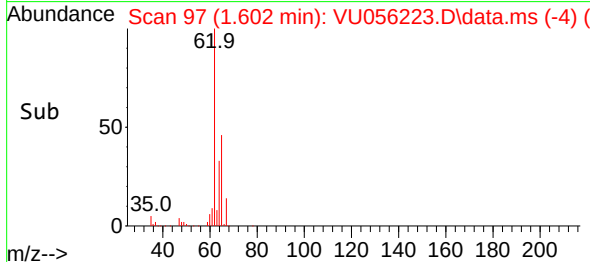
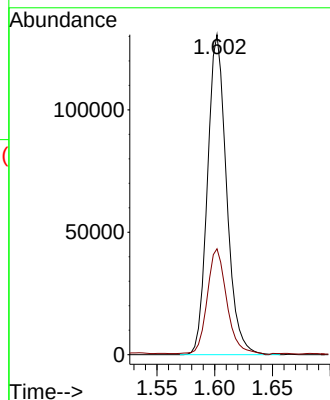
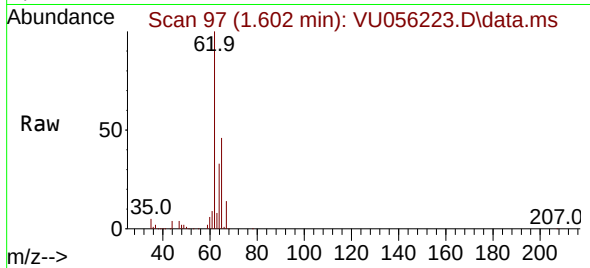




#5
 Vinyl chloride
 Concen: 4.925 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056223.D
 Acq: 11 Nov 2023 17:41

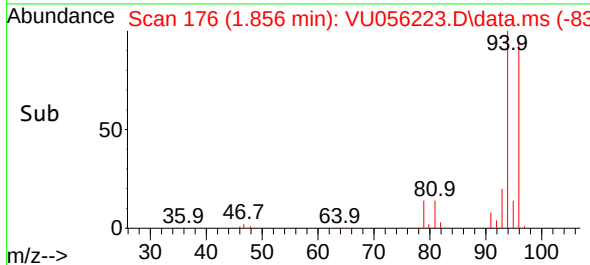
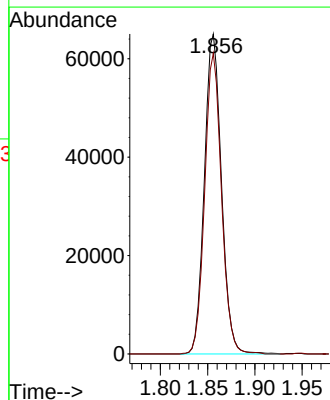
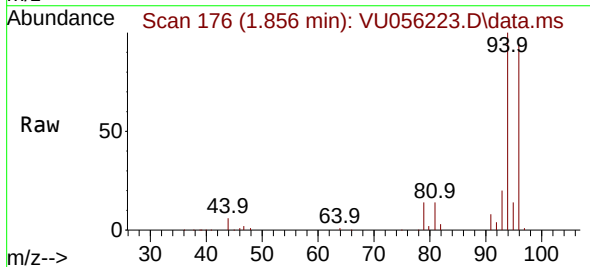
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDK5MS

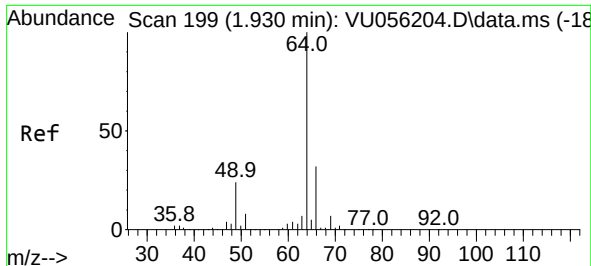
Tgt Ion: 62 Resp: 150025
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.1 44.7



#6
 Bromomethane
 Concen: 4.664 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU056223.D
 Acq: 11 Nov 2023 17:41

Tgt Ion: 94 Resp: 81602
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.6 121.8

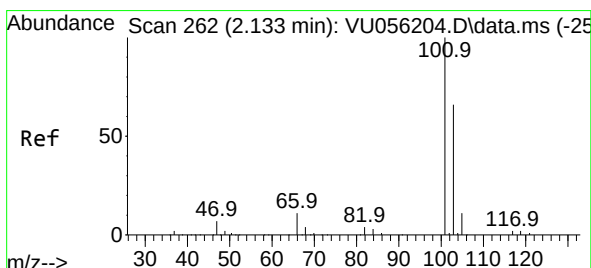
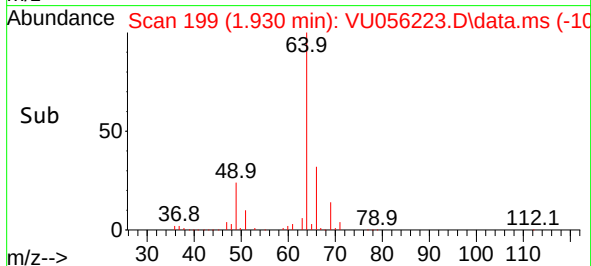
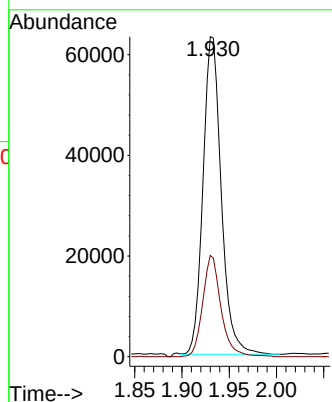
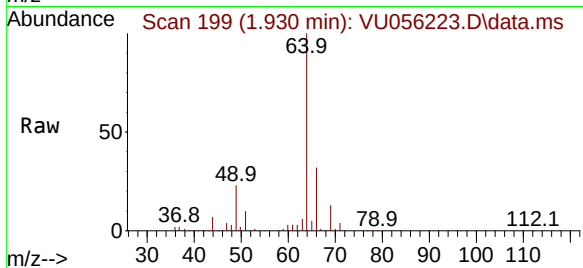




#8
Chloroethane
Concen: 5.132 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

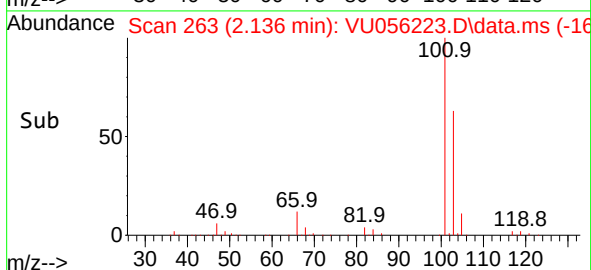
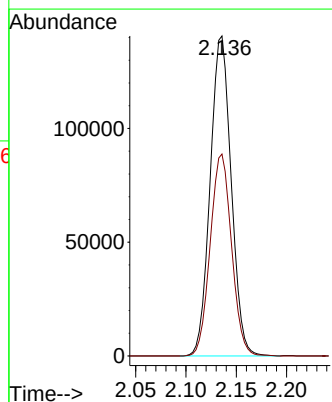
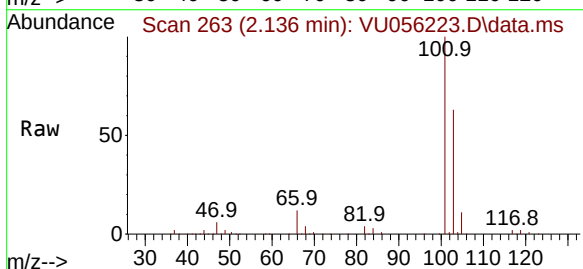
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

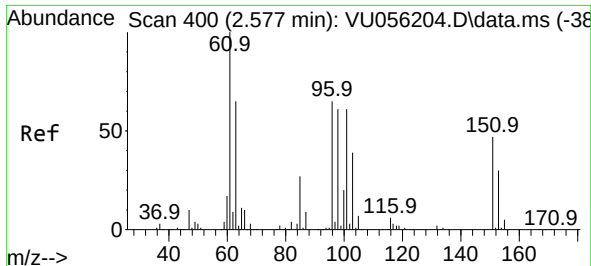
Tgt Ion: 64 Resp: 84761
Ion Ratio Lower Upper
64 100
66 31.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.069 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion:101 Resp: 204225
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

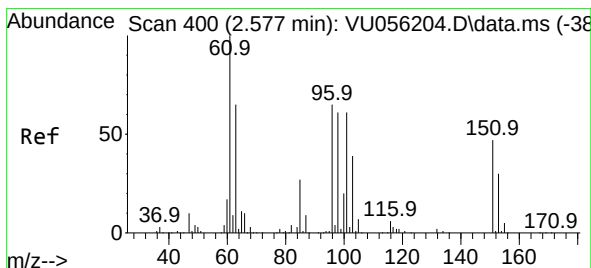
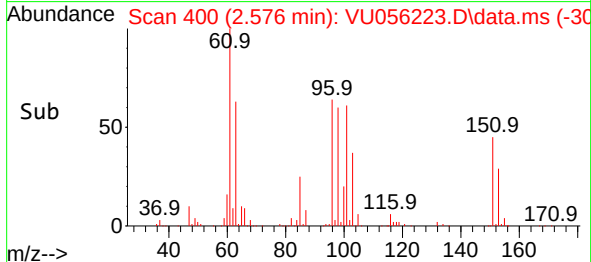
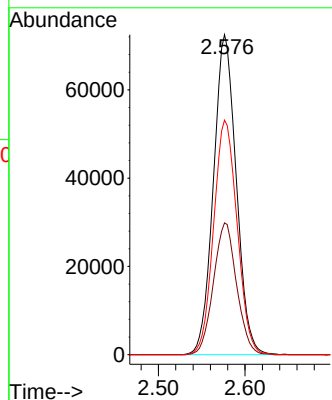
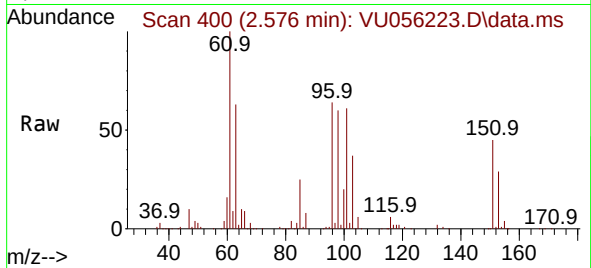




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.174 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056223.D
 Acq: 11 Nov 2023 17:41

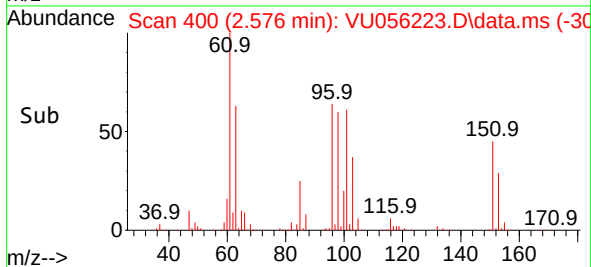
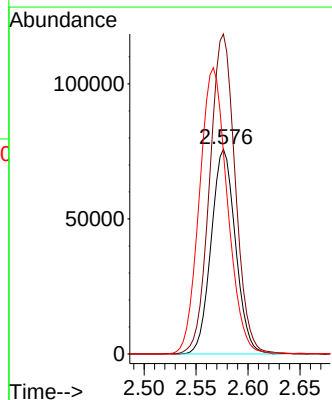
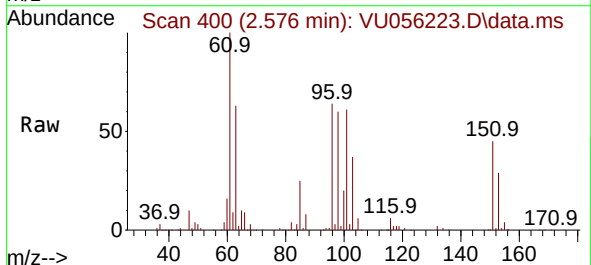
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDK5MS

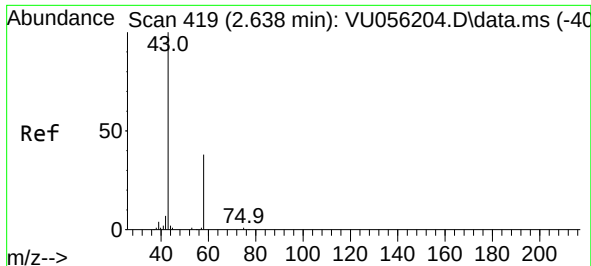
Tgt Ion:101 Resp: 132806
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.2 51.4
 151 75.3 59.3 88.9



#12
 1,1-Dichloroethene
 Concen: 5.182 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056223.D
 Acq: 11 Nov 2023 17:41

Tgt Ion: 96 Resp: 123445
 Ion Ratio Lower Upper
 96 100
 61 156.3 111.7 207.5
 63 98.6 74.5 138.3

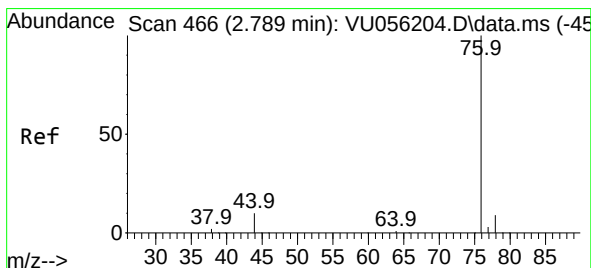
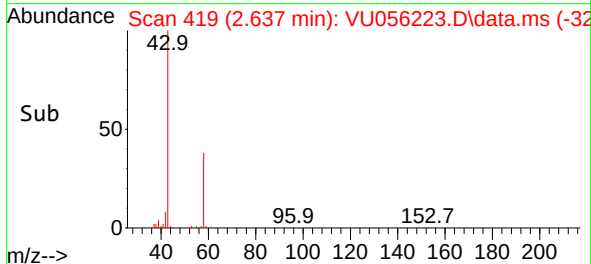
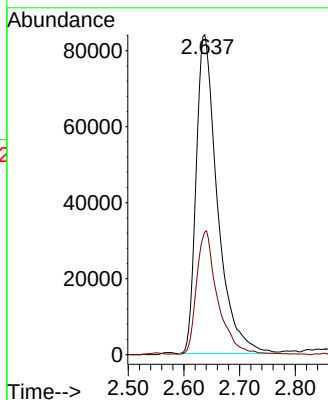
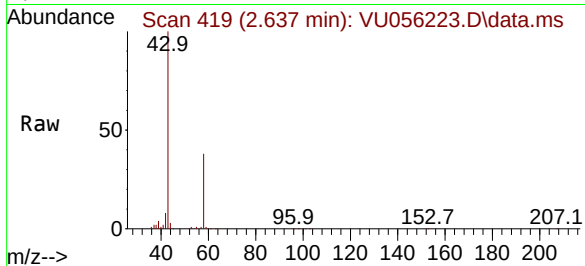




#13
Acetone
Concen: 80.320 ug/L
RT: 2.637 min Scan# 419
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

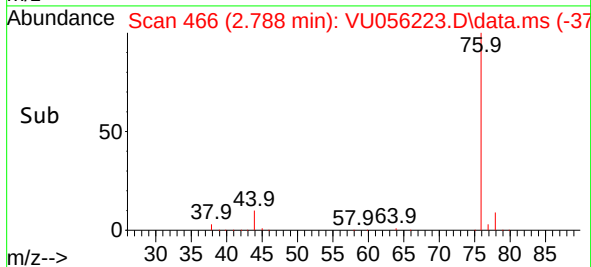
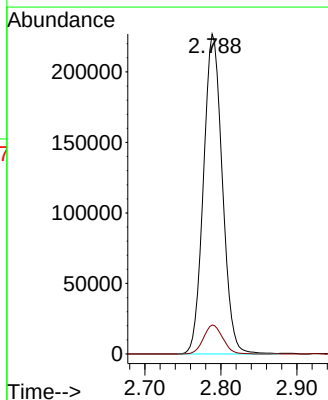
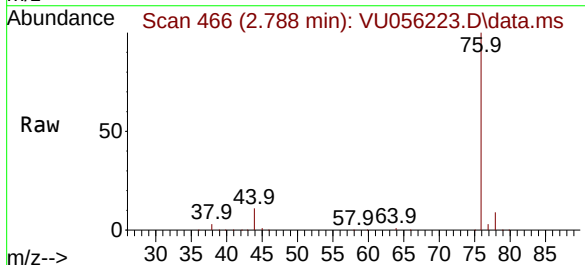
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

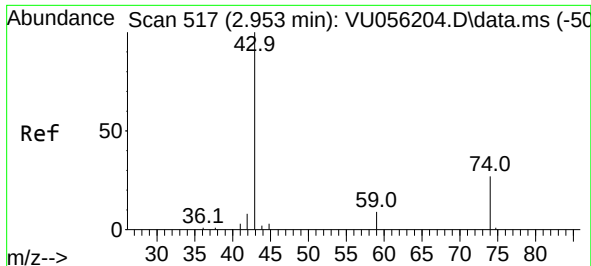
Tgt Ion: 43 Resp: 223577
Ion Ratio Lower Upper
43 100
58 37.9 0.0 74.4



#14
Carbon disulfide
Concen: 4.822 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion: 76 Resp: 391488
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

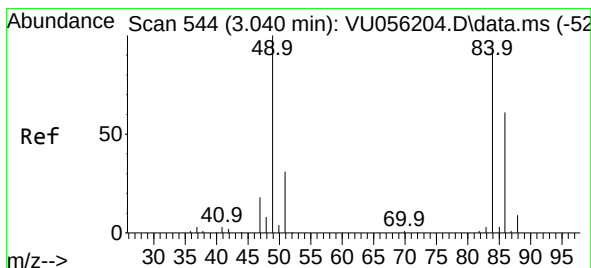
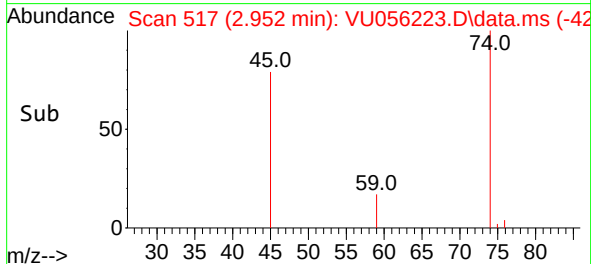
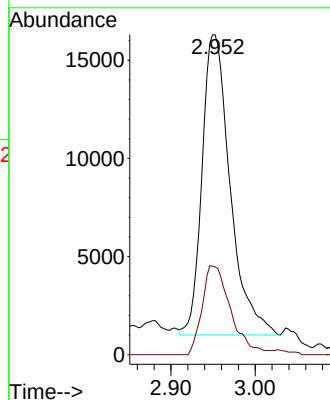
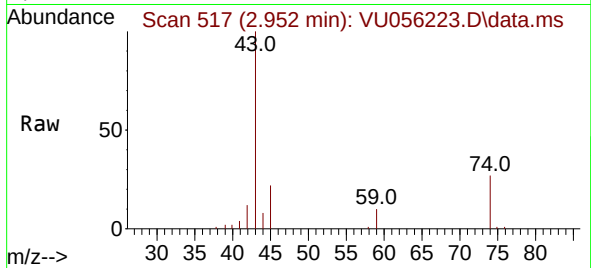




#15
Methyl Acetate
Concen: 4.519 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

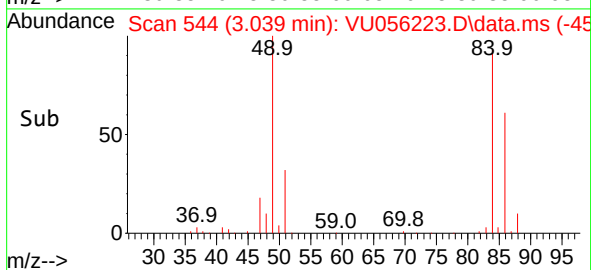
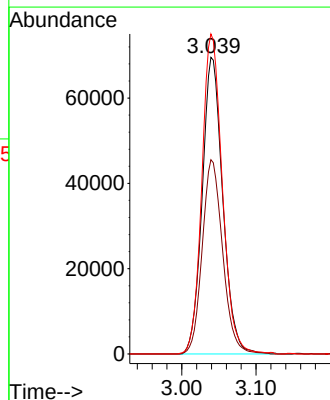
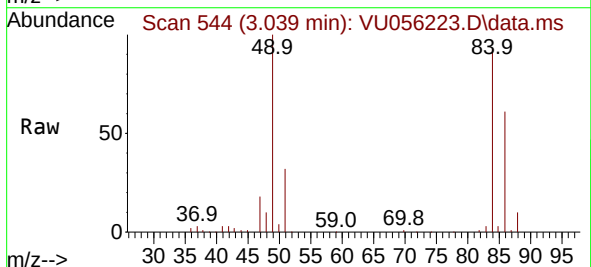
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

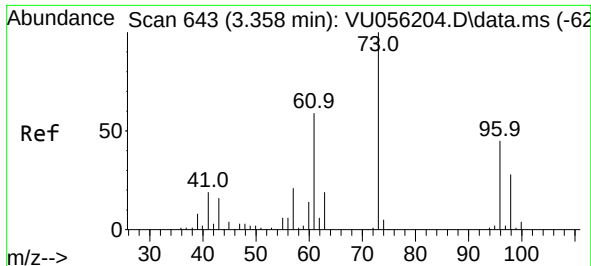
Tgt Ion: 43 Resp: 35493
Ion Ratio Lower Upper
43 100
74 30.1 23.3 34.9



#16
Methylene chloride
Concen: 4.901 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion: 84 Resp: 133871
Ion Ratio Lower Upper
84 100
86 65.5 44.9 83.5
49 107.9 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 5.224 ug/L

RT: 3.354 min Scan# 643

Delta R.T. -0.003 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

GCDK5MS

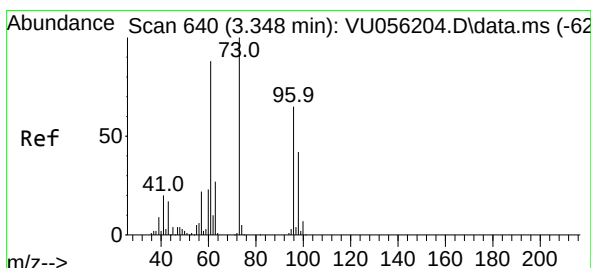
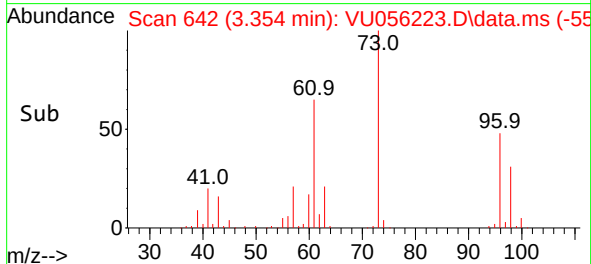
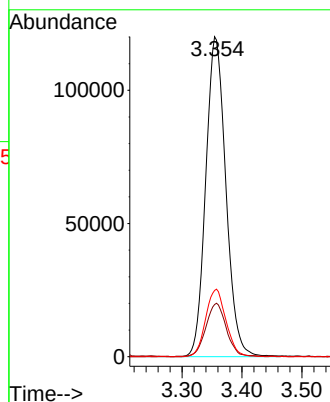
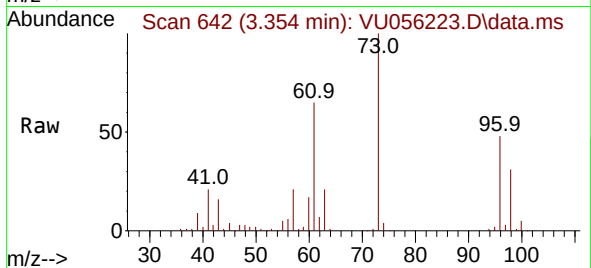
Tgt Ion: 73 Resp: 280387

Ion Ratio Lower Upper

73 100

43 16.6 13.6 20.4

57 21.3 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 5.072 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

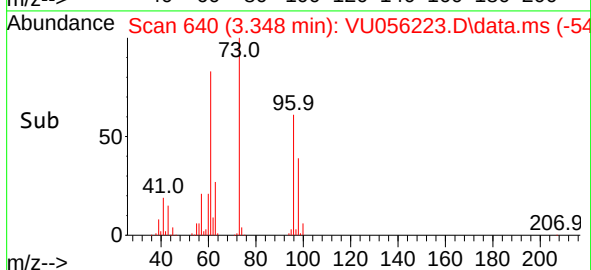
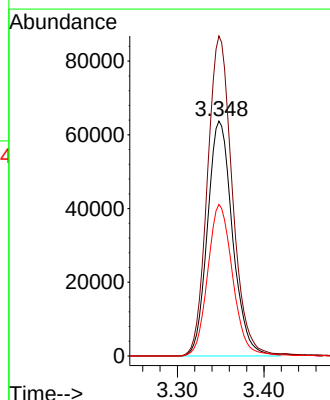
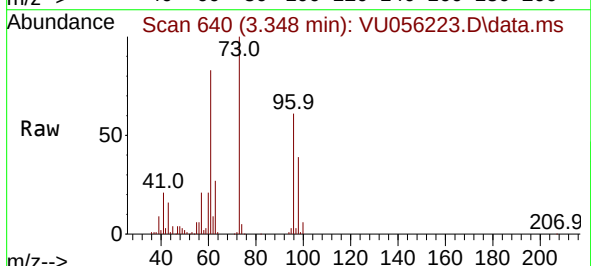
Tgt Ion: 96 Resp: 128036

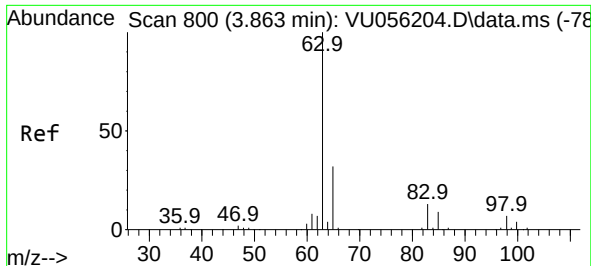
Ion Ratio Lower Upper

96 100

61 136.2 96.7 179.5

98 64.5 44.3 82.3

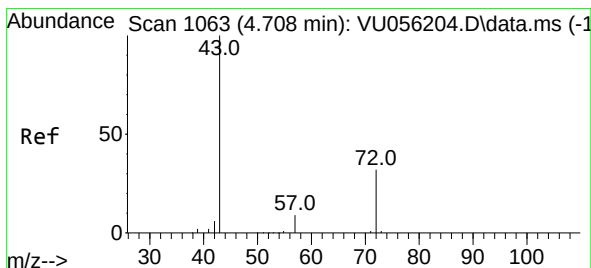
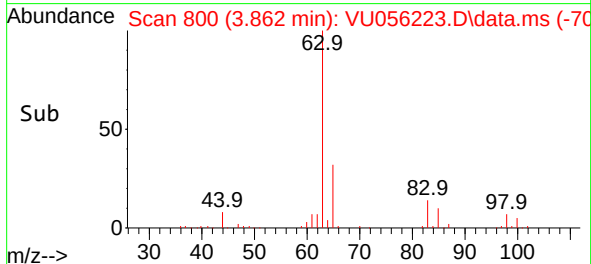
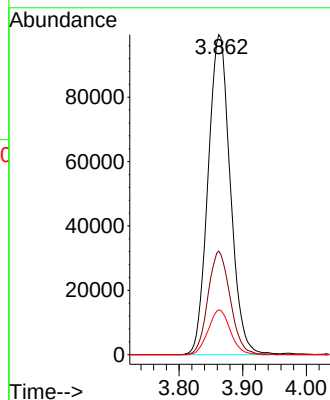
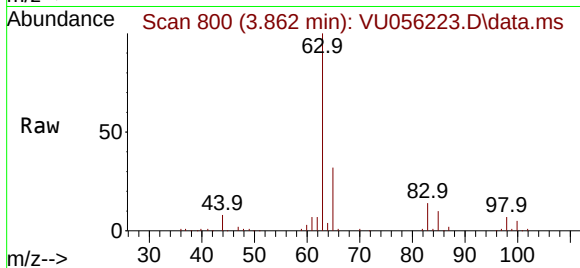




#19
1,1-Dichloroethane
Concen: 5.241 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

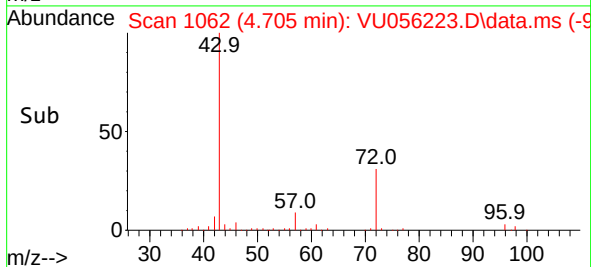
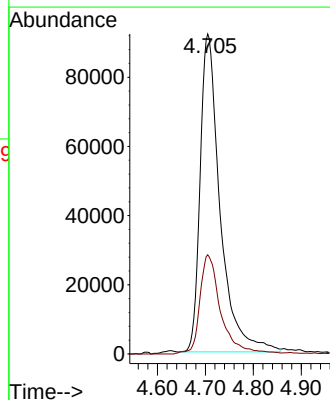
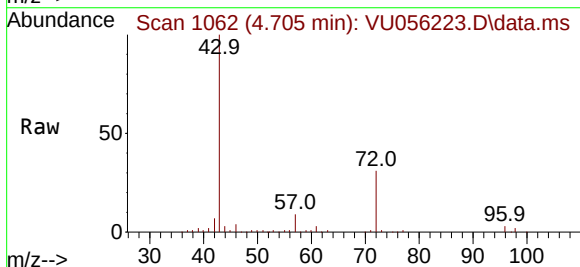
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

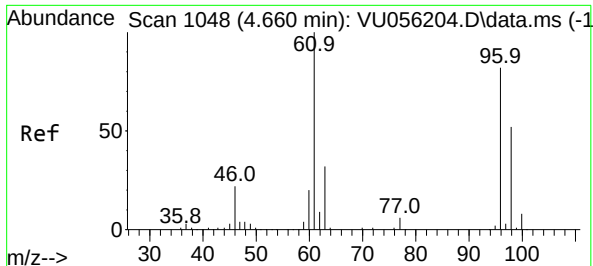
Tgt Ion: 63 Resp: 241357
Ion Ratio Lower Upper
63 100
65 32.4 20.6 38.2
83 14.0 9.6 17.8



#21
2-Butanone
Concen: 57.879 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.004 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion: 43 Resp: 265698
Ion Ratio Lower Upper
43 100
72 32.6 15.7 47.0





#22

cis-1,2-Dichloroethene

Concen: 5.320 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

GCDK5MS

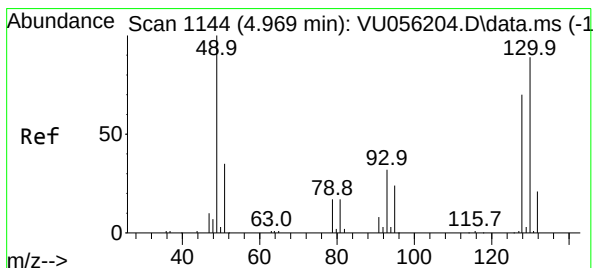
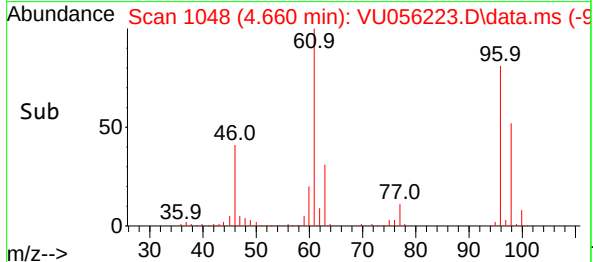
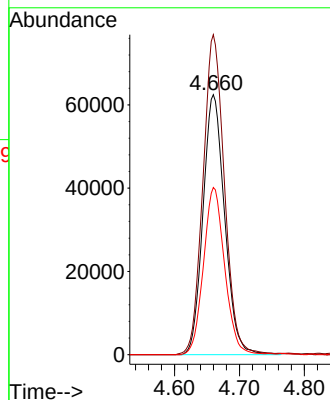
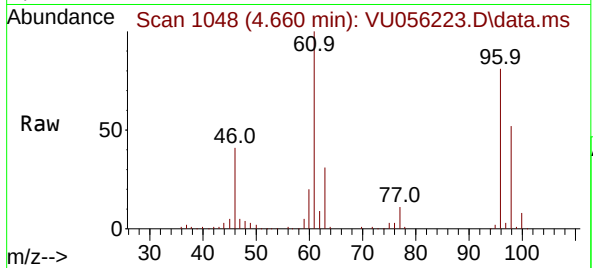
Tgt Ion: 96 Resp: 144973

Ion Ratio Lower Upper

96 100

61 123.1 87.8 163.2

98 64.3 43.5 80.7



#23

Bromochloromethane

Concen: 5.092 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

Tgt Ion: 128 Resp: 61570

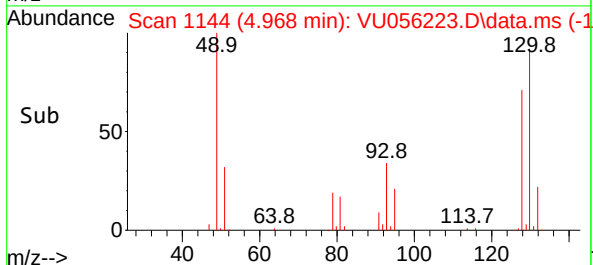
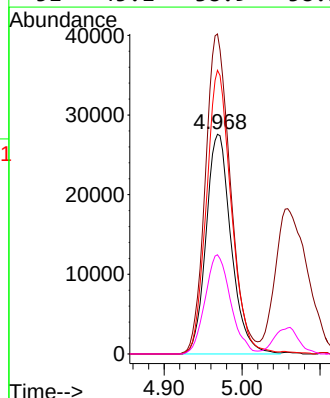
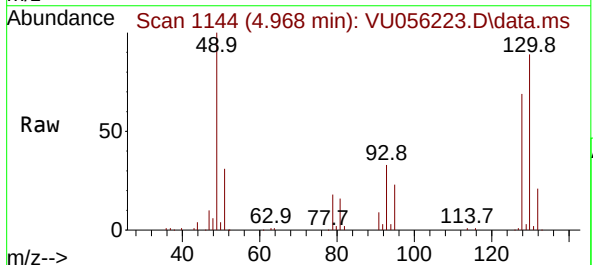
Ion Ratio Lower Upper

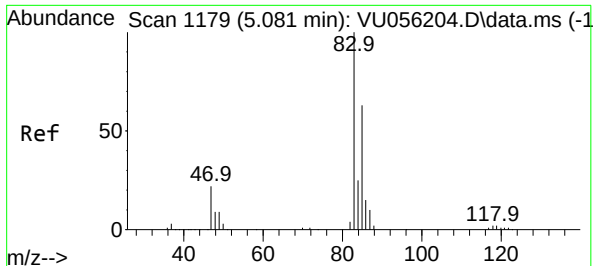
128 100

49 145.7 103.7 192.7

130 129.1 91.8 170.6

51 45.1 38.9 58.3





#25

Chloroform

Concen: 5.437 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

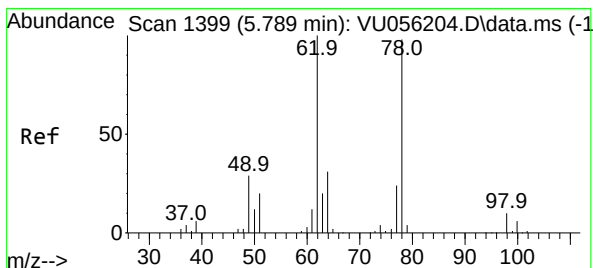
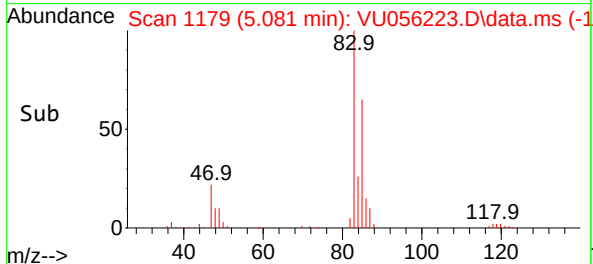
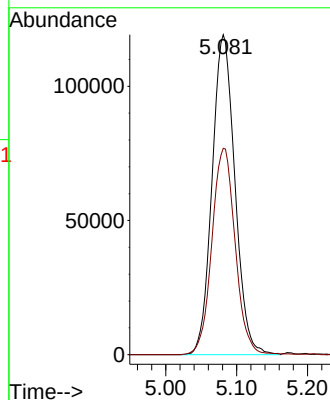
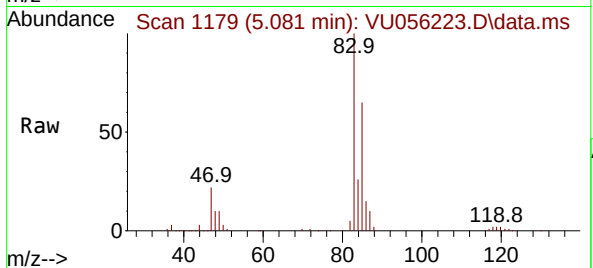
GCDK5MS

Tgt Ion: 83 Resp: 266798

Ion Ratio Lower Upper

83 100

85 64.5 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.166 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056223.D

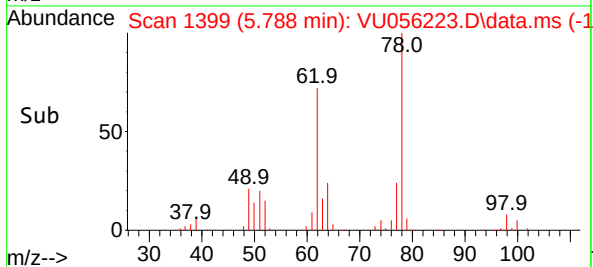
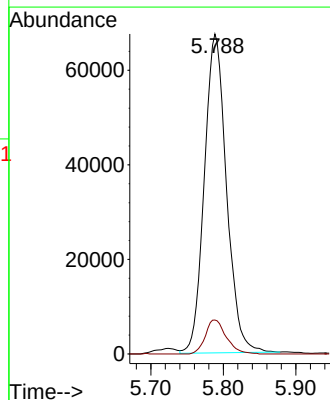
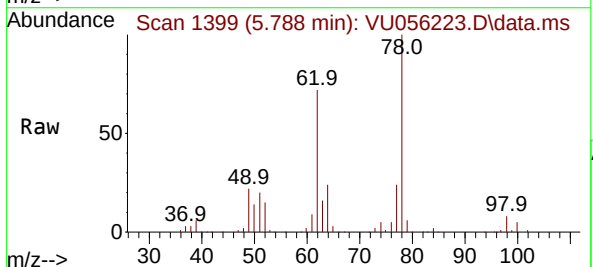
Acq: 11 Nov 2023 17:41

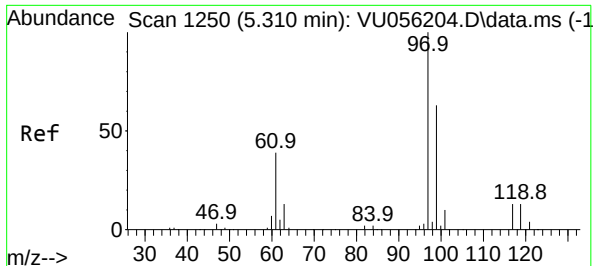
Tgt Ion: 62 Resp: 143464

Ion Ratio Lower Upper

62 100

98 10.6 7.1 10.7

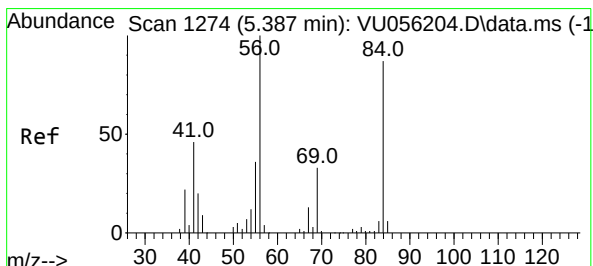
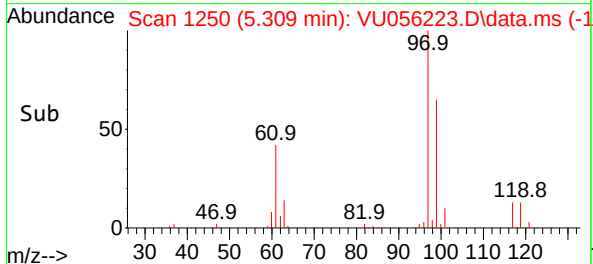
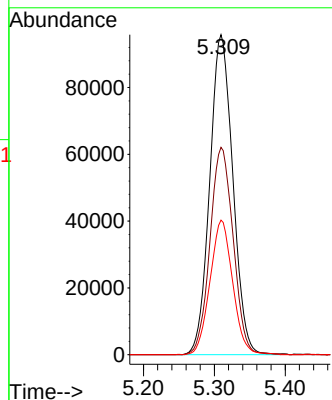
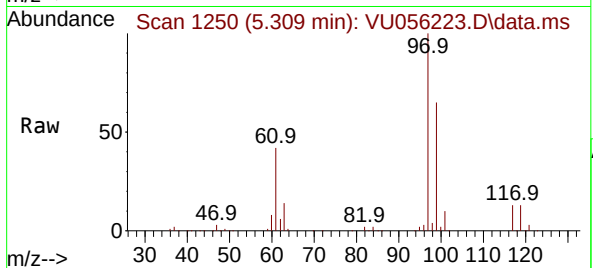




#29
1,1,1-Trichloroethane
Concen: 5.127 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

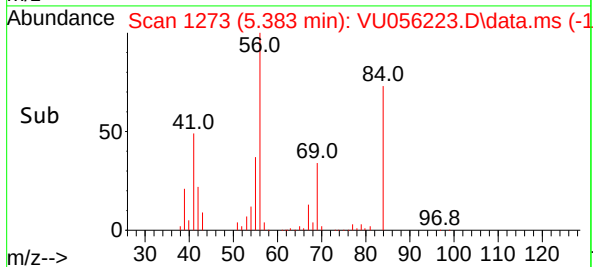
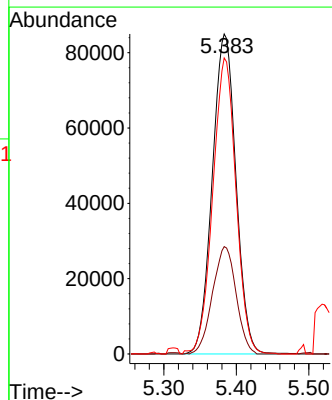
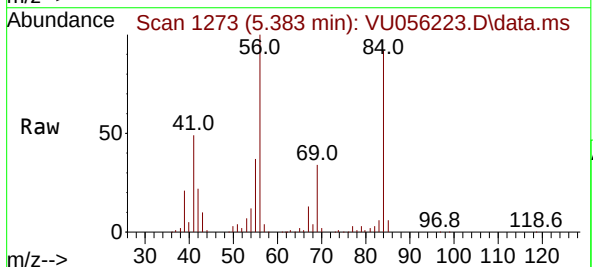
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

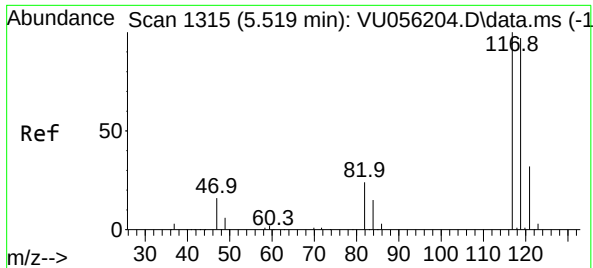
Tgt Ion: 97 Resp: 217055
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 41.4 33.4 50.0



#30
Cyclohexane
Concen: 4.869 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.004 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion: 56 Resp: 192594
Ion Ratio Lower Upper
56 100
69 33.5 26.6 39.8
84 90.9 70.4 105.6

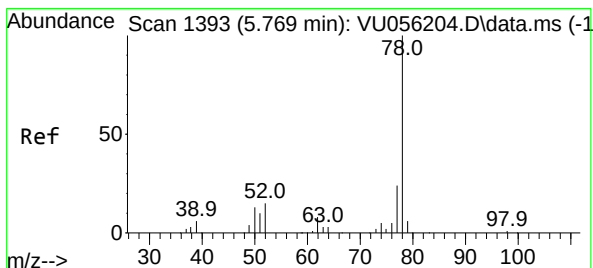
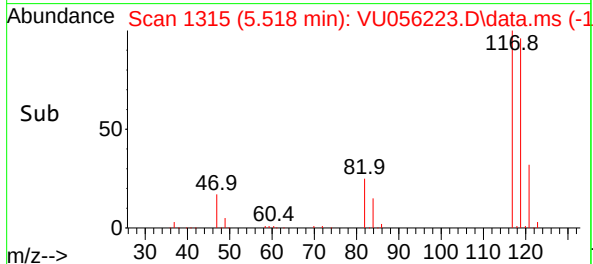
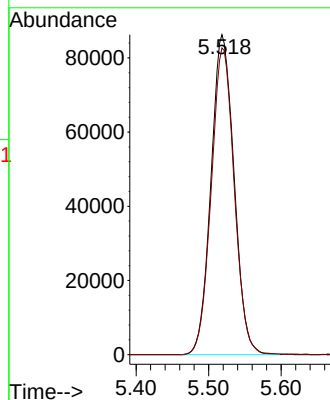
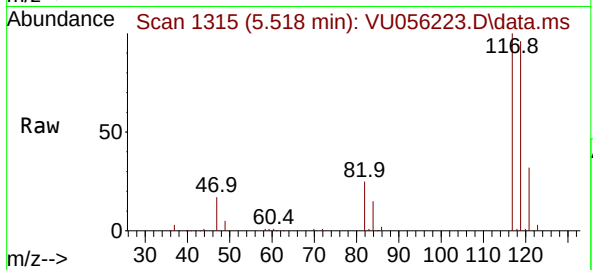




#31
Carbon tetrachloride
Concen: 5.070 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

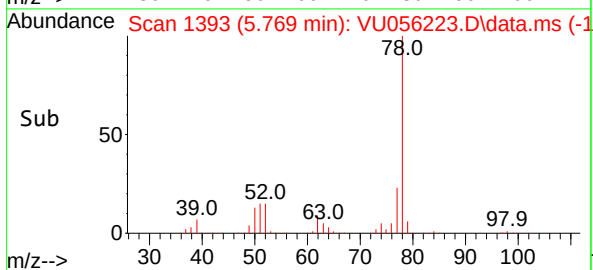
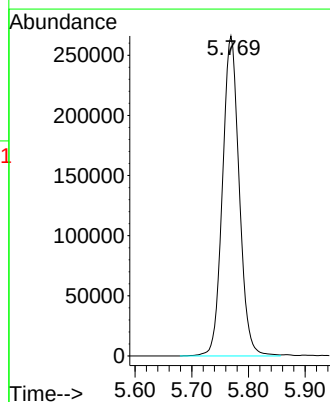
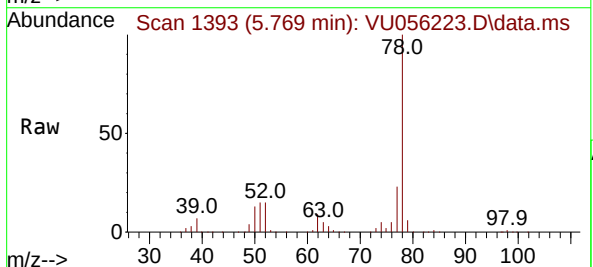
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

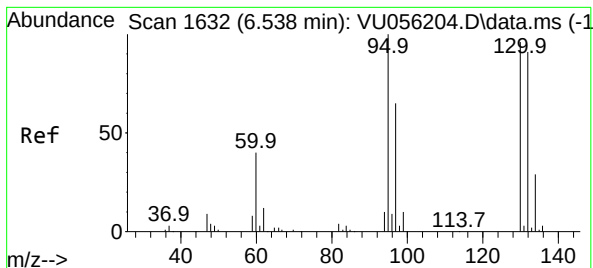
Tgt Ion:117 Resp: 190610
Ion Ratio Lower Upper
117 100
119 95.5 77.2 115.8



#33
Benzene
Concen: 5.156 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion: 78 Resp: 545612





#34

Trichloroethene

Concen: 5.945 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

GCDK5MS

Tgt Ion: 95 Resp: 171830

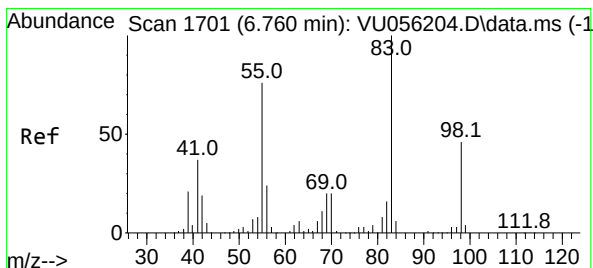
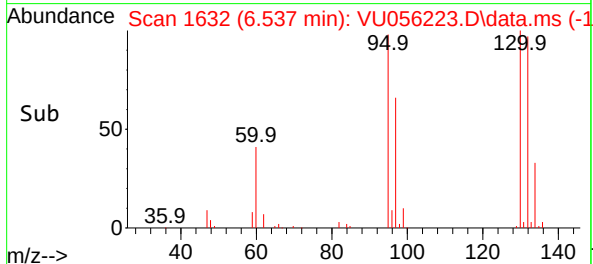
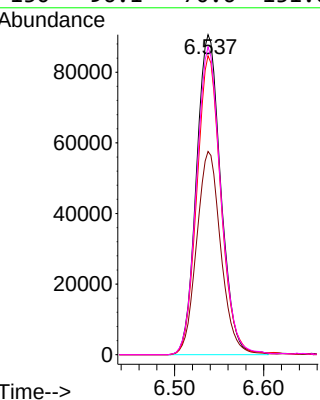
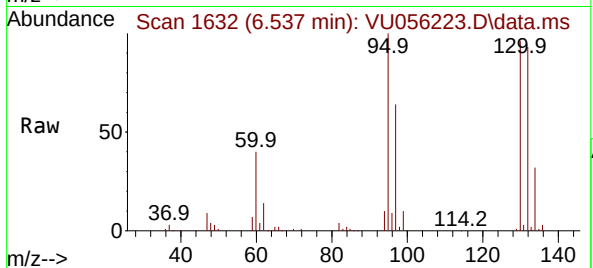
Ion Ratio Lower Upper

95 100

97 63.5 46.8 87.0

132 93.4 66.5 123.5

130 96.1 70.6 131.0



#35

Methylcyclohexane

Concen: 4.813 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

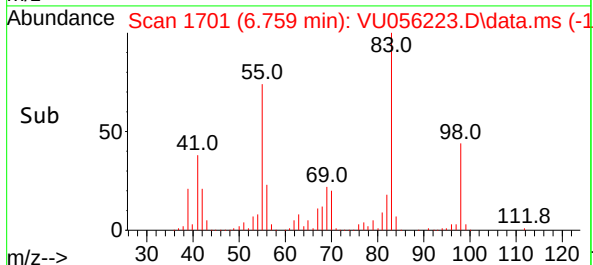
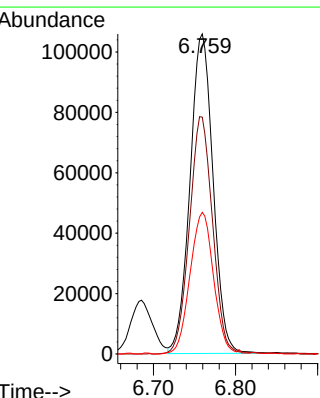
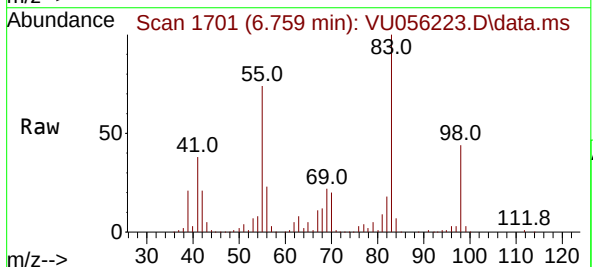
Tgt Ion: 83 Resp: 206786

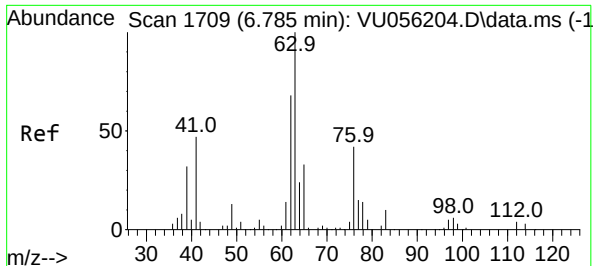
Ion Ratio Lower Upper

83 100

55 74.8 60.6 91.0

98 45.3 36.2 54.4

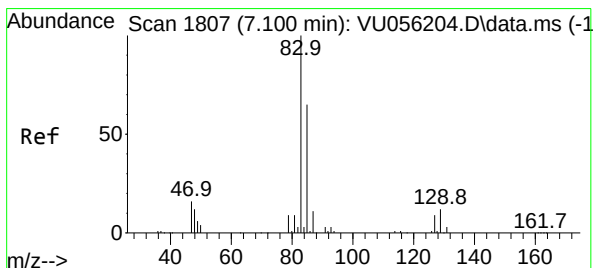
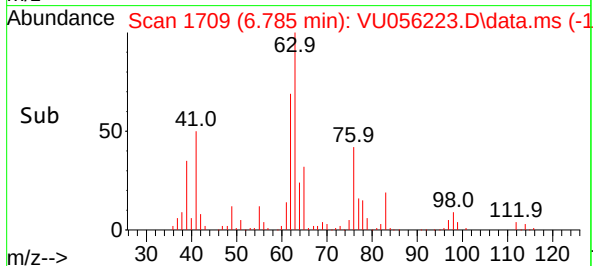
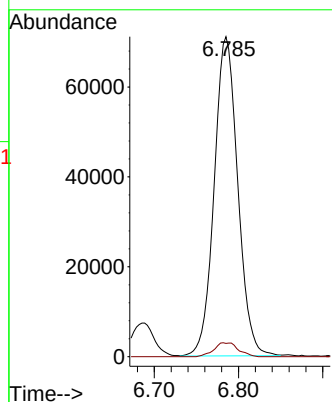
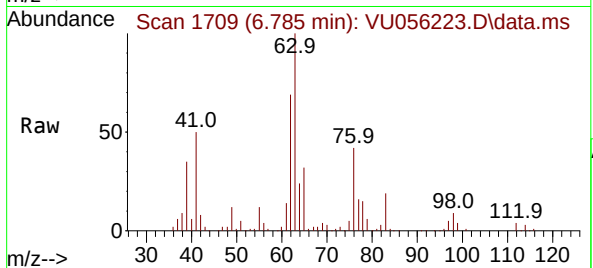




#37
1,2-Dichloropropane
Concen: 5.005 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

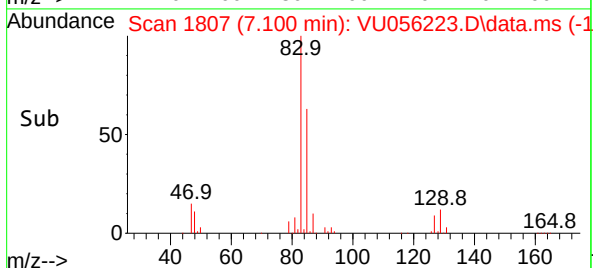
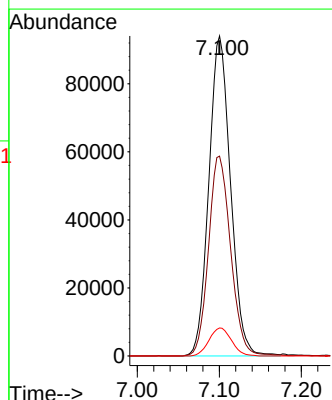
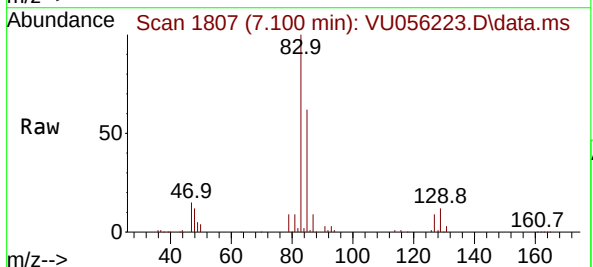
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

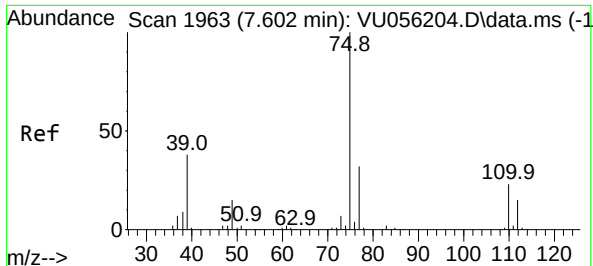
Tgt Ion: 63 Resp: 137734
Ion Ratio Lower Upper
63 100
112 4.5 3.4 5.2



#38
Bromodichloromethane
Concen: 5.039 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion: 83 Resp: 173162
Ion Ratio Lower Upper
83 100
85 62.4 46.6 86.6
127 8.8 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.089 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

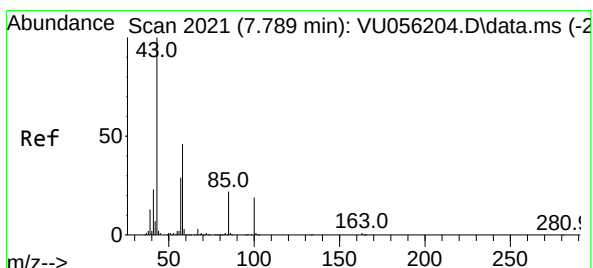
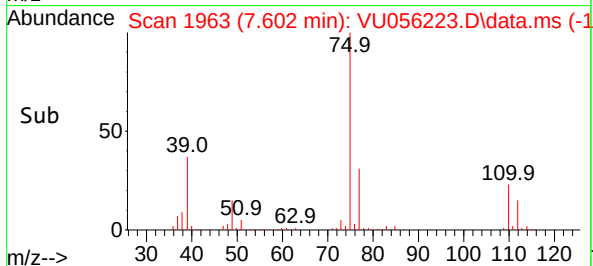
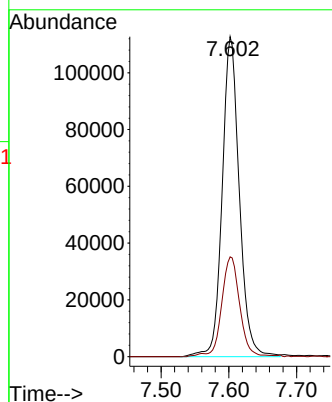
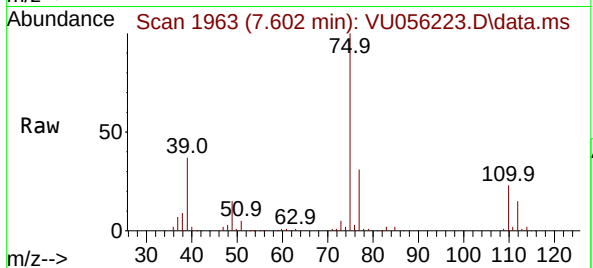
GCDK5MS

Tgt Ion: 75 Resp: 197653

Ion Ratio Lower Upper

75 100

77 31.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 54.595 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.004 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

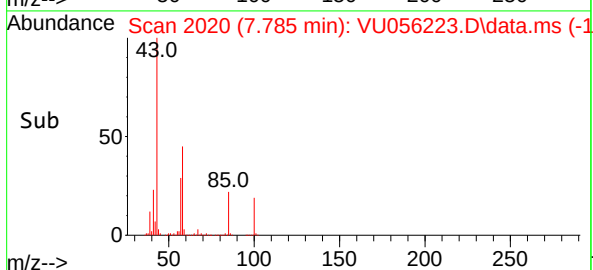
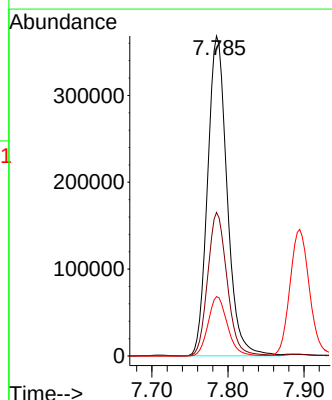
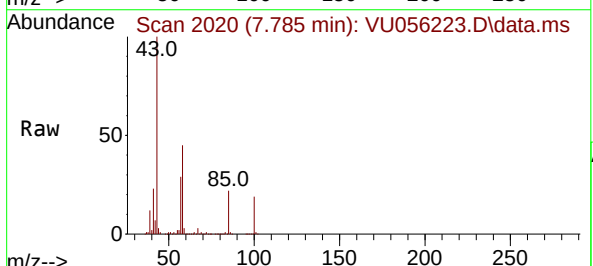
Tgt Ion: 43 Resp: 657166

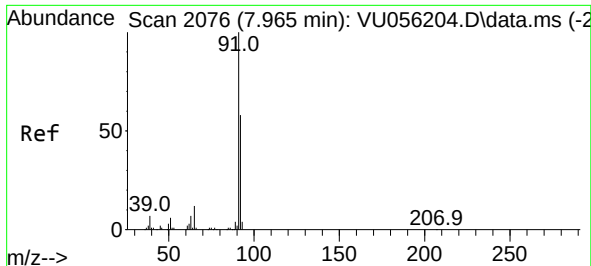
Ion Ratio Lower Upper

43 100

58 44.7 36.0 54.0

100 18.4 14.2 21.4





#42

Toluene

Concen: 5.272 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

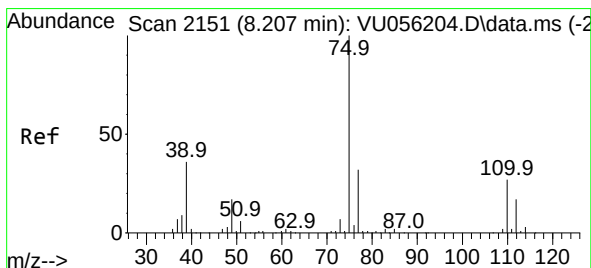
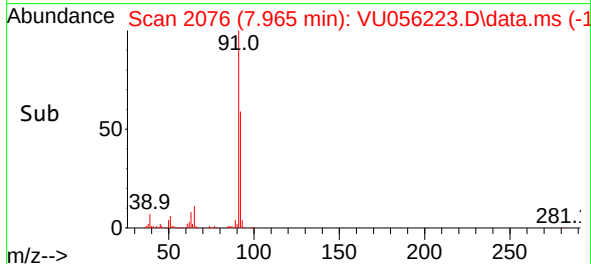
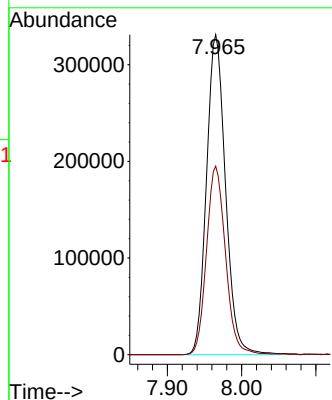
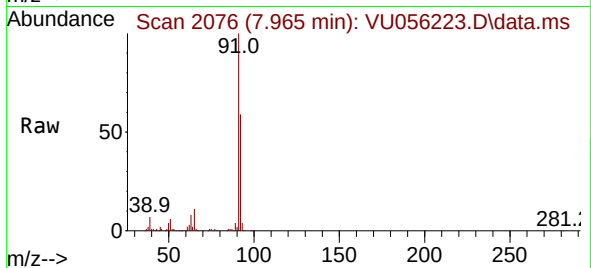
GCDK5MS

Tgt Ion: 91 Resp: 588134

Ion Ratio Lower Upper

91 100

92 58.9 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 5.019 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056223.D

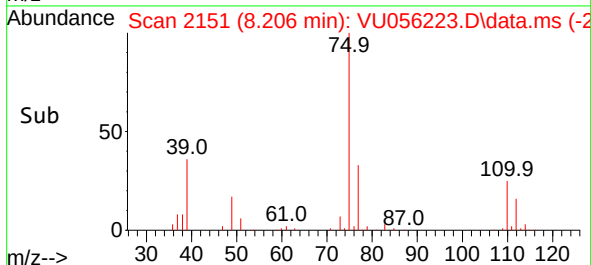
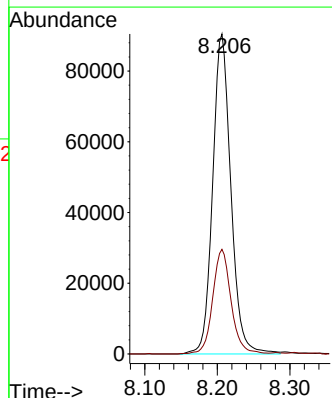
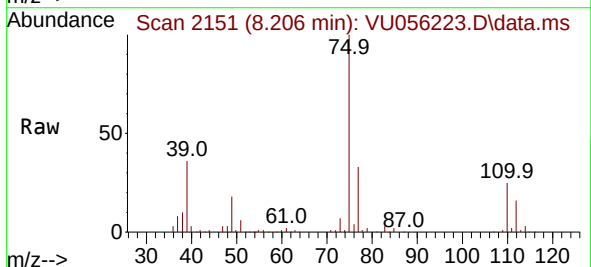
Acq: 11 Nov 2023 17:41

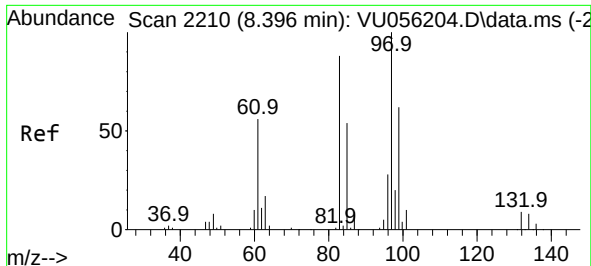
Tgt Ion: 75 Resp: 157820

Ion Ratio Lower Upper

75 100

77 32.7 21.7 40.3



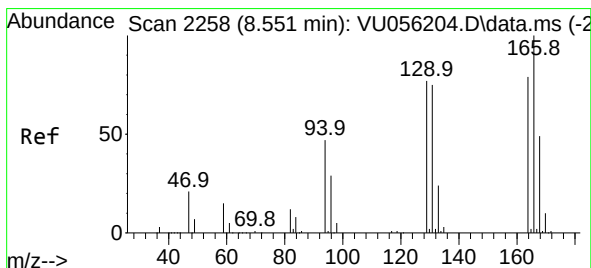
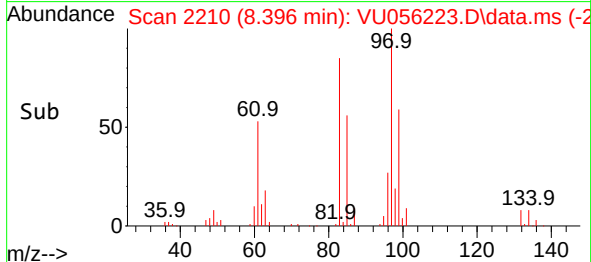
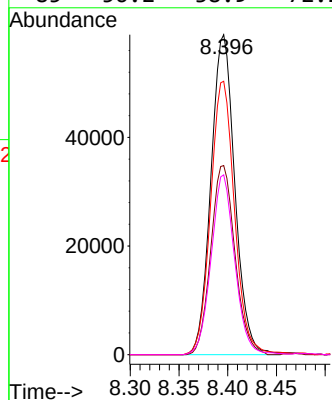
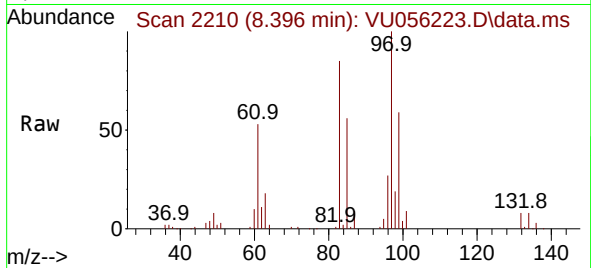


#45
1,1,2-Trichloroethane
Concen: 5.348 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

Tgt Ion: 97 Resp: 100619

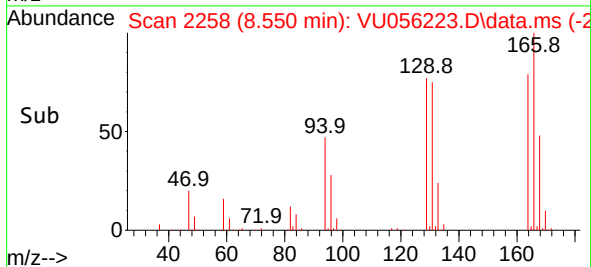
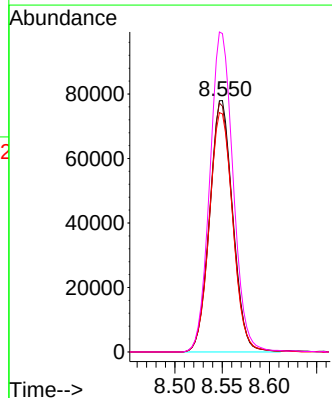
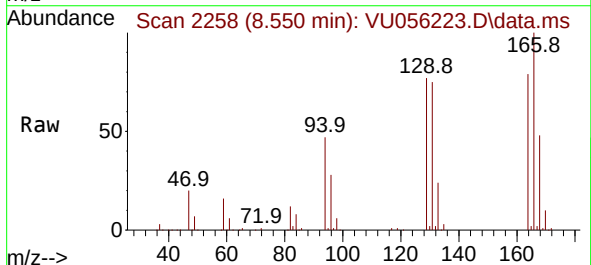
Ion	Ratio	Lower	Upper
97	100		
99	59.1	44.7	82.9
83	85.4	59.4	110.2
85	56.2	38.9	72.2

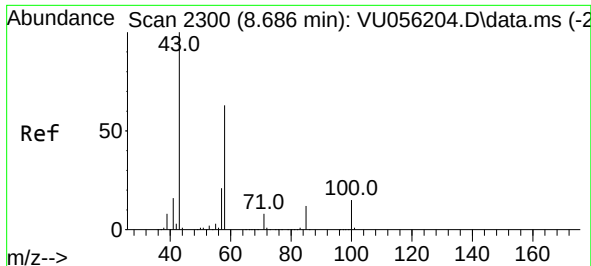


#47
Tetrachloroethene
Concen: 6.104 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion: 164 Resp: 132423

Ion	Ratio	Lower	Upper
164	100		
129	97.8	66.6	123.8
131	94.7	67.8	126.0
166	126.7	85.9	159.5

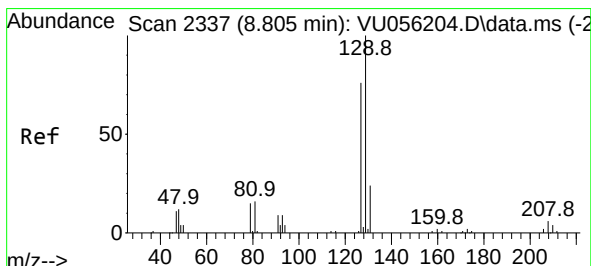
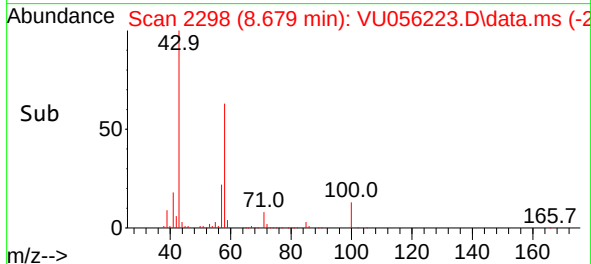
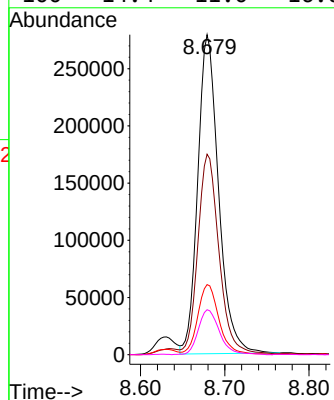
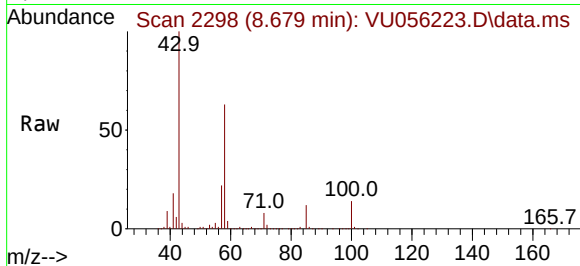




#48
2-Hexanone
Concen: 54.854 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

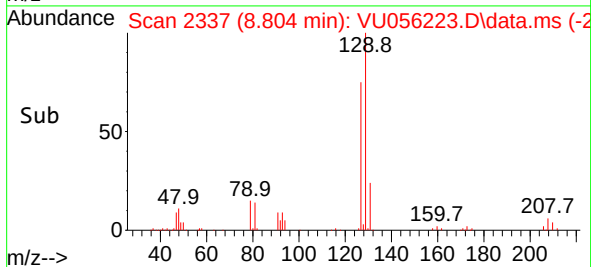
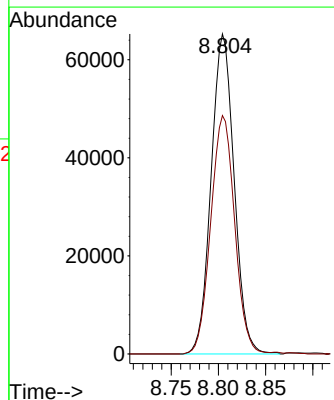
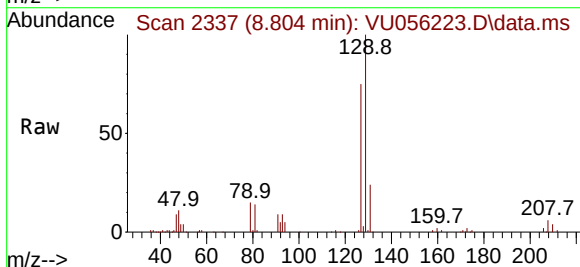
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

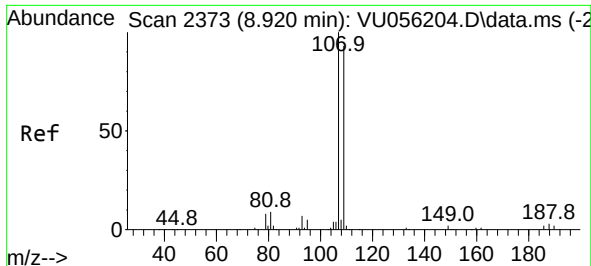
Tgt Ion: 43 Resp: 480740
Ion Ratio Lower Upper
43 100
58 63.3 52.0 78.0
57 22.6 17.4 26.2
100 14.4 11.0 16.6



#49
Dibromochloromethane
Concen: 5.117 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion: 129 Resp: 110461
Ion Ratio Lower Upper
129 100
127 74.5 55.4 102.8

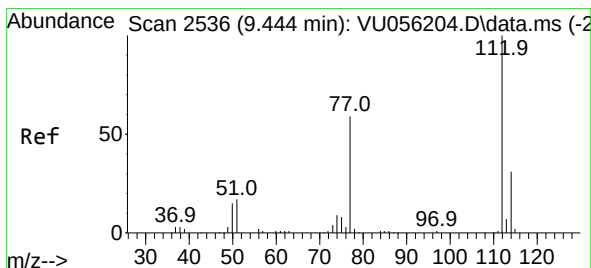
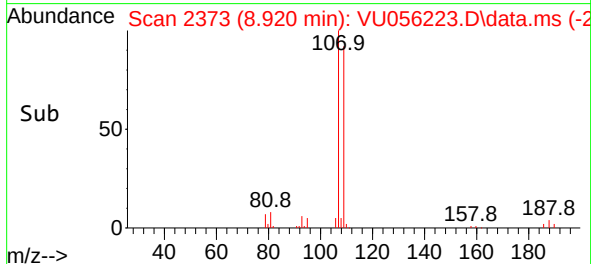
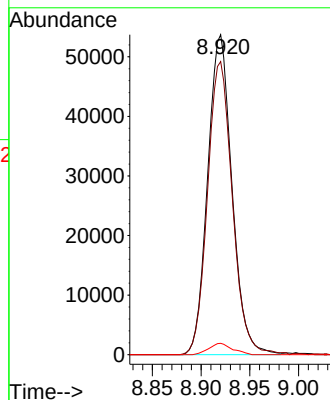
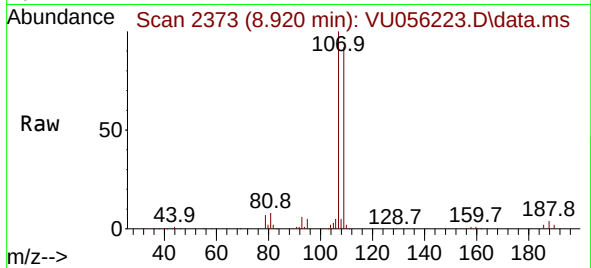




#50
1,2-Dibromoethane
Concen: 5.305 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

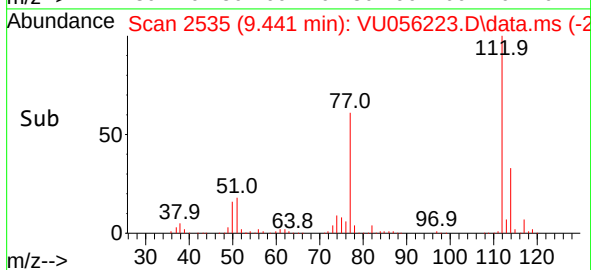
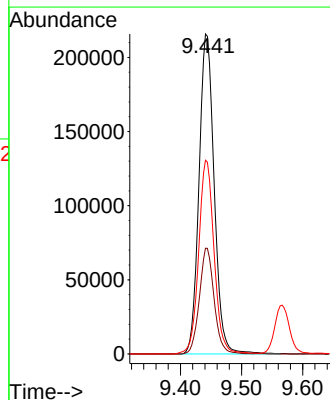
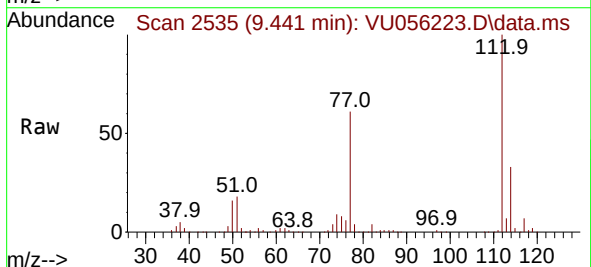
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

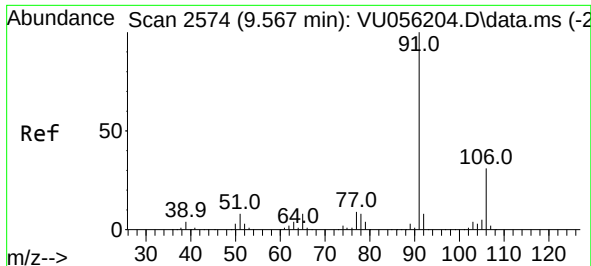
Tgt Ion:107 Resp: 93261
Ion Ratio Lower Upper
107 100
109 91.6 66.9 124.3
188 3.6 2.5 3.7



#51
Chlorobenzene
Concen: 5.179 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.004 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion:112 Resp: 372783
Ion Ratio Lower Upper
112 100
114 33.0 21.8 40.4
77 60.6 48.2 72.4

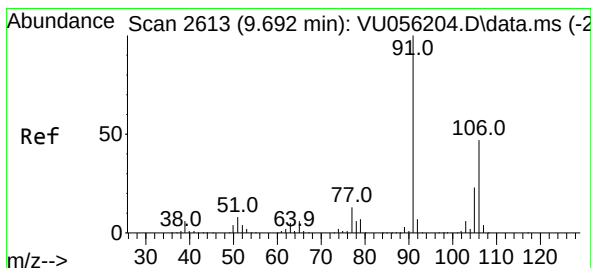
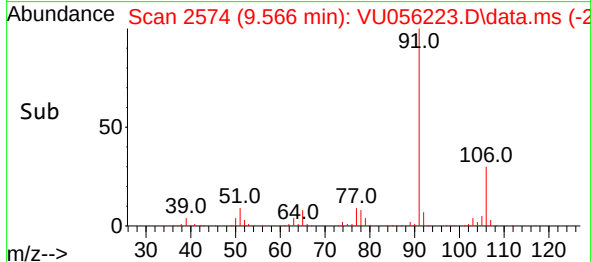
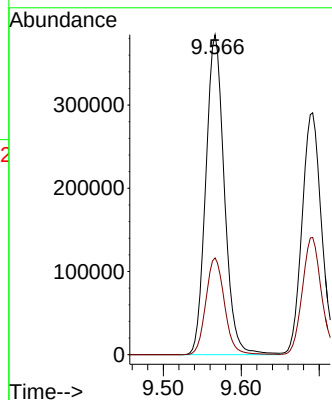
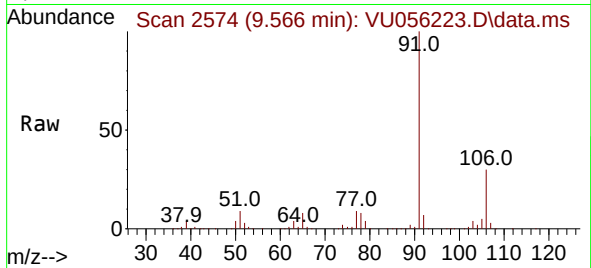




#52
Ethylbenzene
Concen: 5.229 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

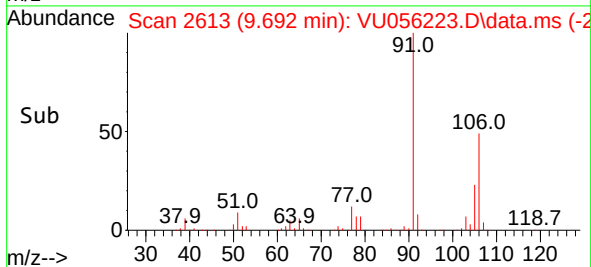
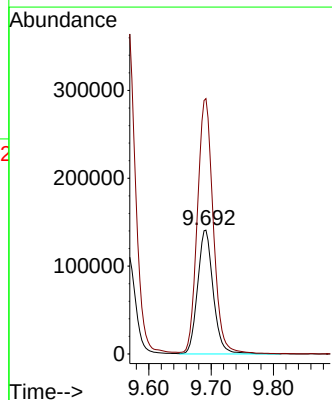
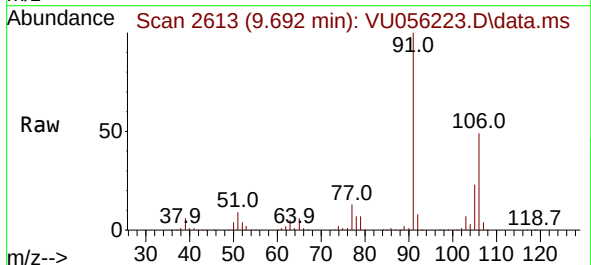
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

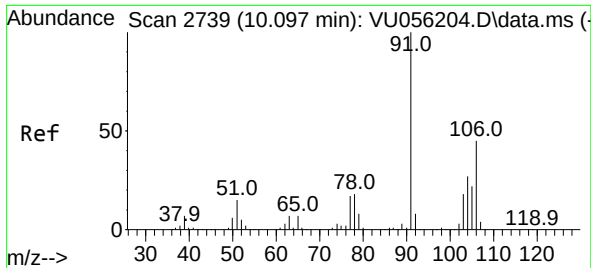
Tgt Ion: 91 Resp: 635709
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 5.311 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion: 106 Resp: 245540
Ion Ratio Lower Upper
106 100
91 206.1 144.9 269.1

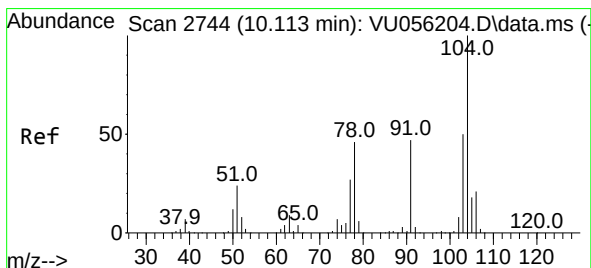
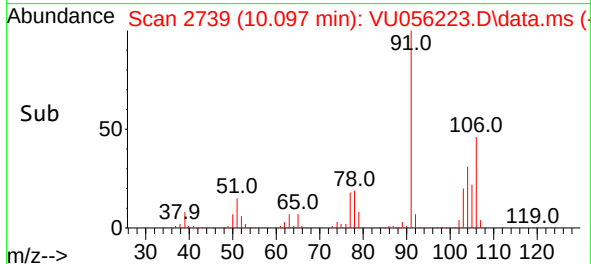
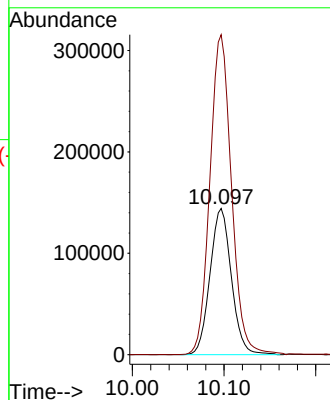
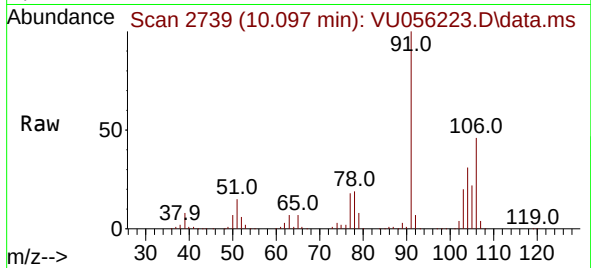




#54
o-Xylene
Concen: 5.278 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

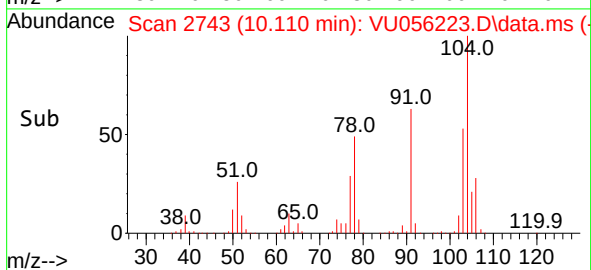
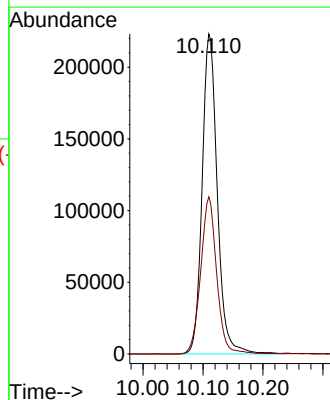
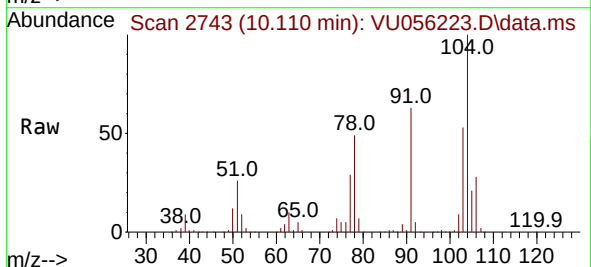
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

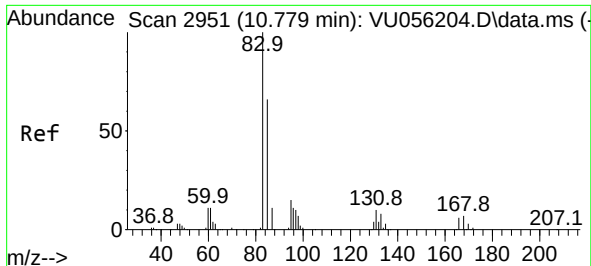
Tgt Ion:106 Resp: 233933
Ion Ratio Lower Upper
106 100
91 218.9 158.2 293.8



#55
Styrene
Concen: 5.417 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.004 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion:104 Resp: 392774
Ion Ratio Lower Upper
104 100
78 49.1 33.5 62.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.304 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

GCDK5MS

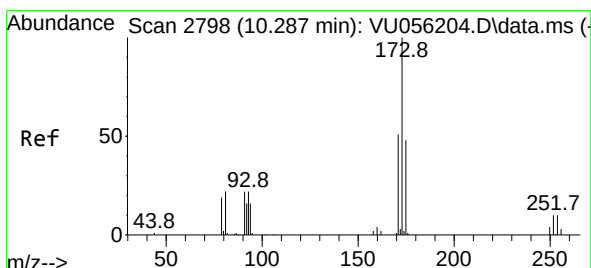
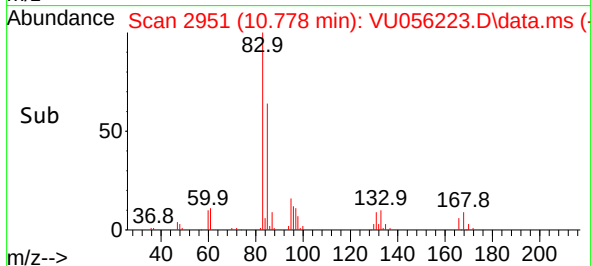
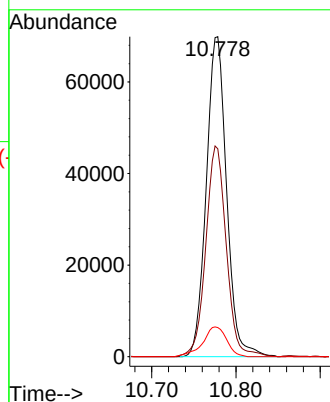
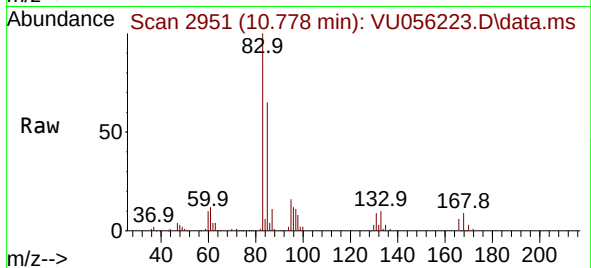
Tgt Ion: 83 Resp: 117258

Ion Ratio Lower Upper

83 100

85 64.9 44.0 81.8

131 9.1 7.4 11.2



#59

Bromoform

Concen: 4.949 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

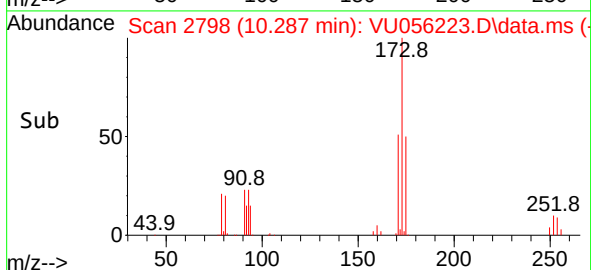
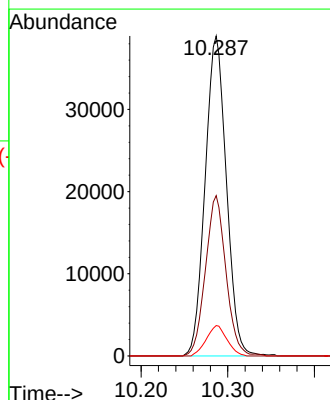
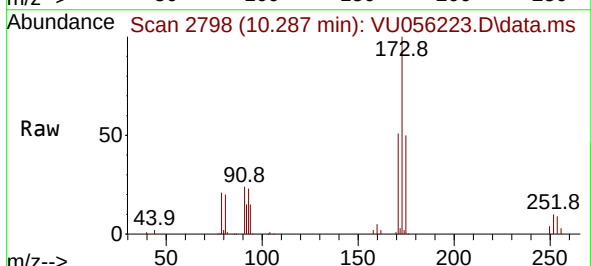
Tgt Ion: 173 Resp: 66301

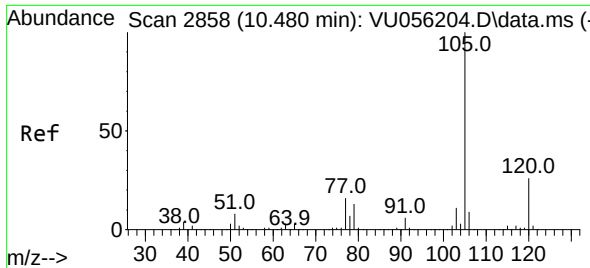
Ion Ratio Lower Upper

173 100

175 48.4 39.0 58.4

254 9.2 8.2 12.2

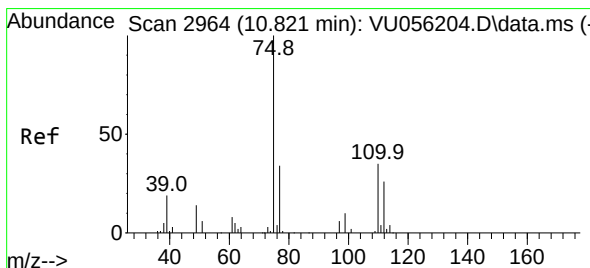
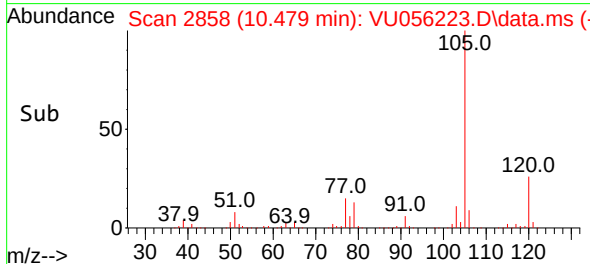
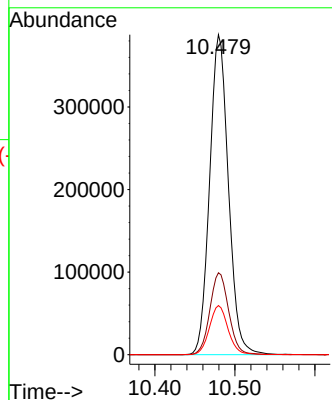
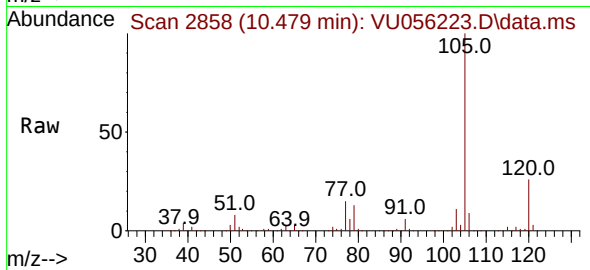




#60
Isopropylbenzene
Concen: 5.059 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

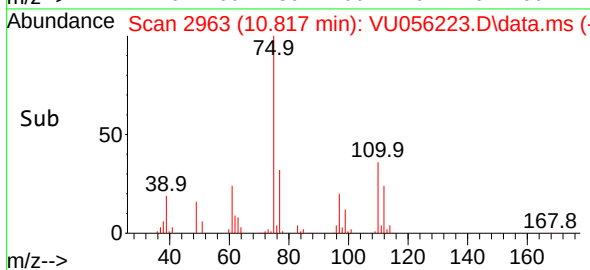
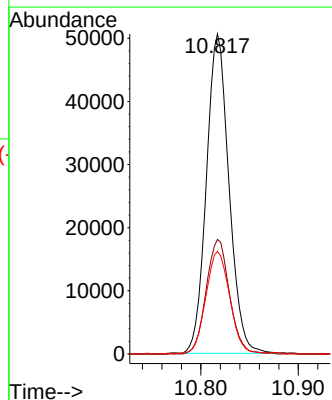
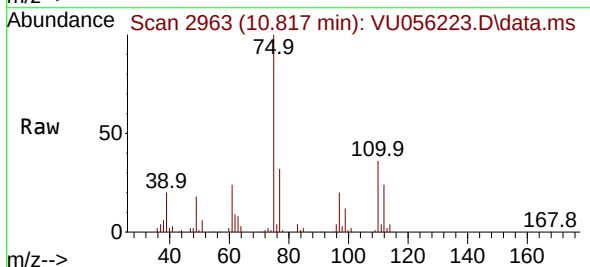
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

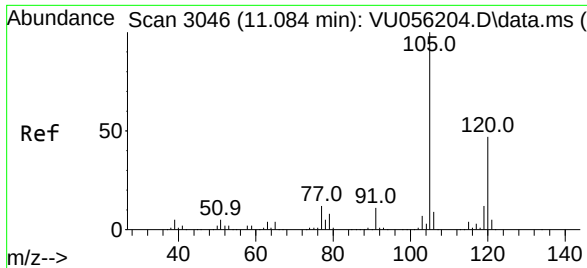
Tgt Ion:105 Resp: 632700
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.885 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.004 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion: 75 Resp: 81340
Ion Ratio Lower Upper
75 100
110 36.9 29.7 44.5
77 34.1 25.5 38.3

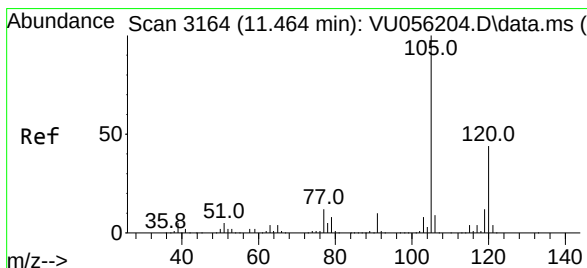
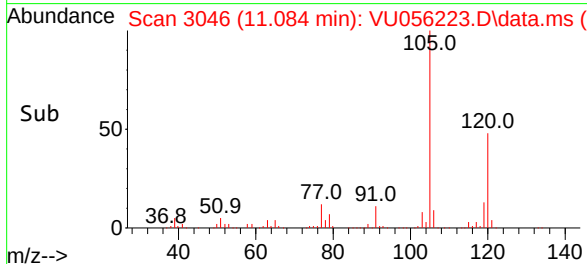
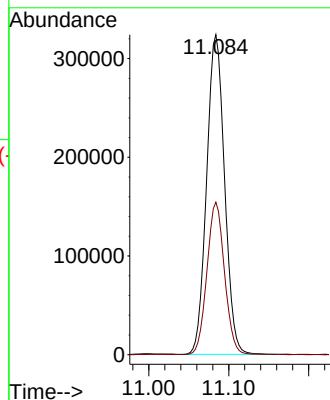
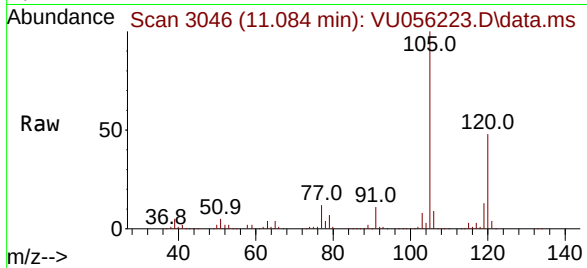




#62
 1,3,5-Trimethylbenzene
 Concen: 4.986 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU056223.D
 Acq: 11 Nov 2023 17:41

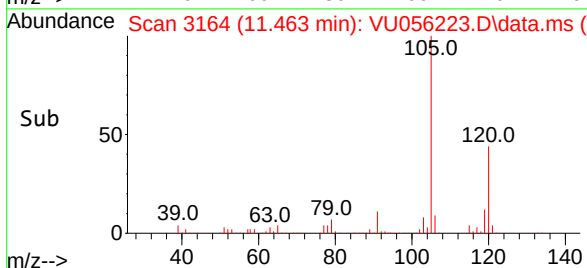
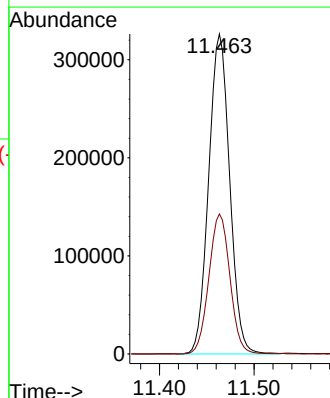
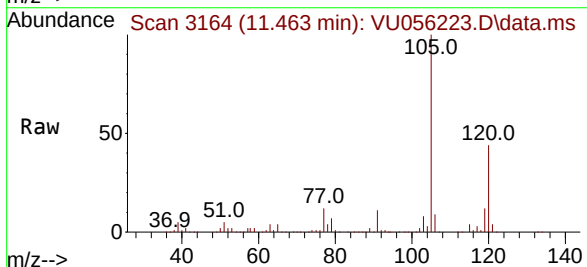
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDK5MS

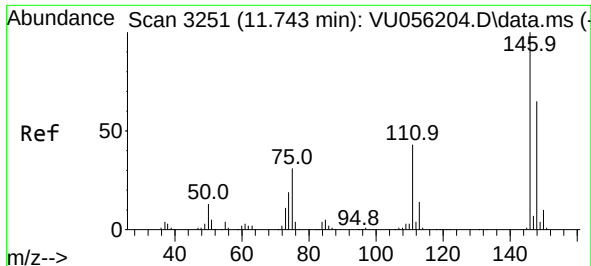
Tgt Ion:105 Resp: 505660
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.063 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU056223.D
 Acq: 11 Nov 2023 17:41

Tgt Ion:105 Resp: 503662
 Ion Ratio Lower Upper
 105 100
 120 43.8 35.4 53.0

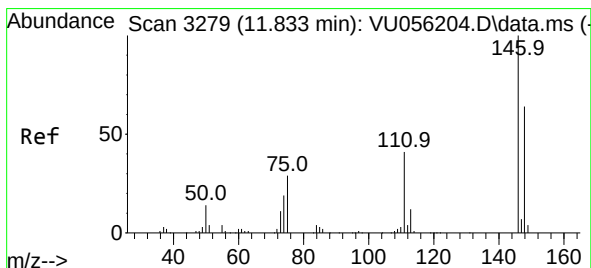
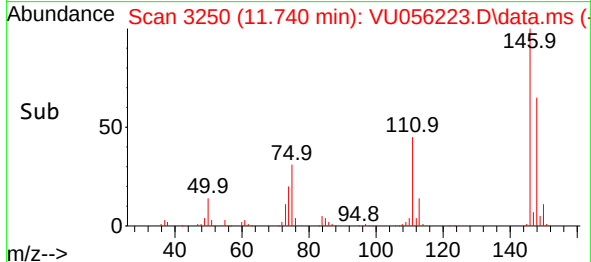
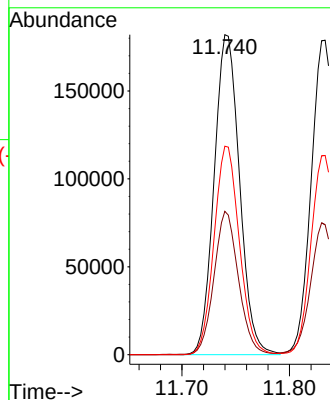
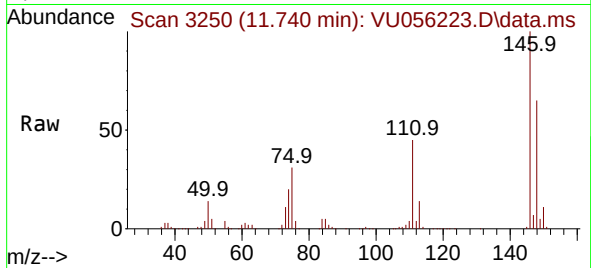




#64
1,3-Dichlorobenzene
Concen: 5.051 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

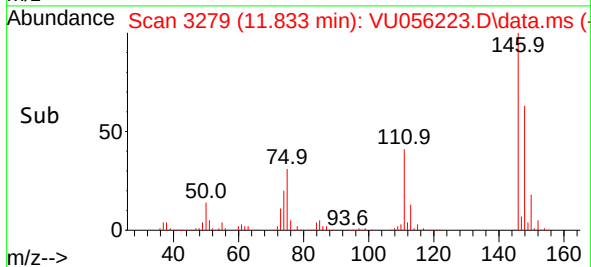
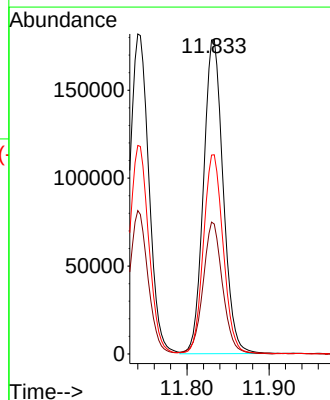
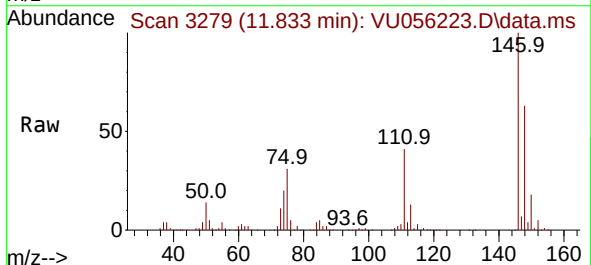
Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

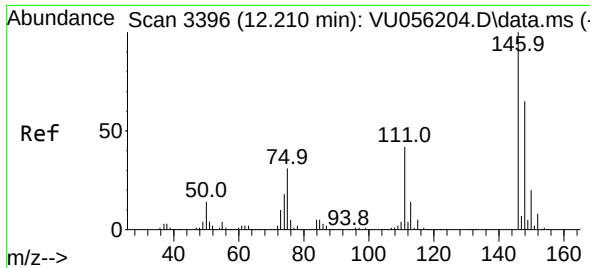
Tgt Ion:146 Resp: 299198
Ion Ratio Lower Upper
146 100
111 44.8 29.7 55.1
148 65.2 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.073 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion:146 Resp: 297108
Ion Ratio Lower Upper
146 100
111 41.4 29.0 53.8
148 63.4 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 5.091 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.004 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

GCDK5MS

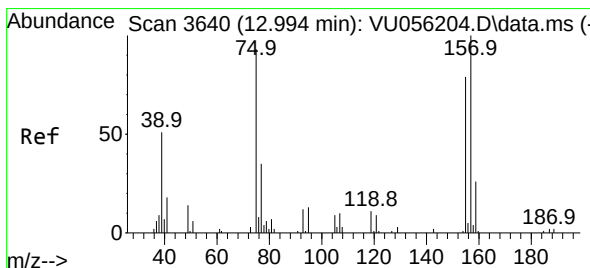
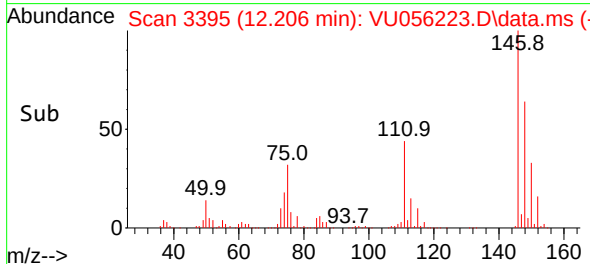
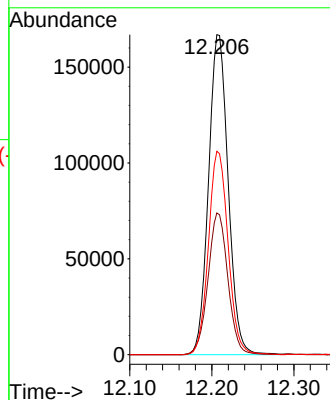
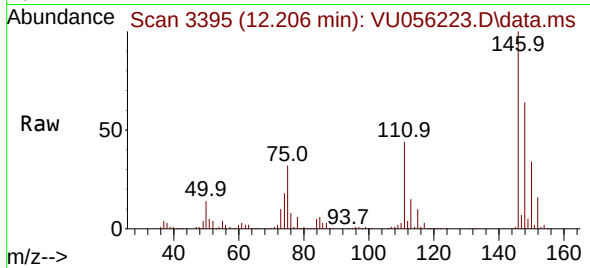
Tgt Ion:146 Resp: 277856

Ion Ratio Lower Upper

146 100

111 44.3 35.2 52.8

148 63.5 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.911 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

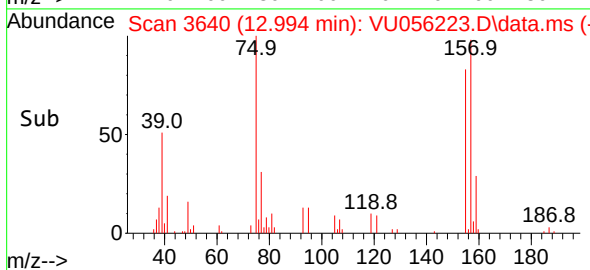
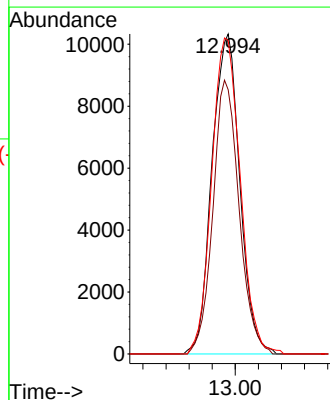
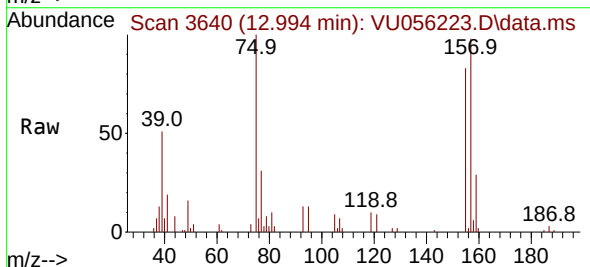
Tgt Ion: 75 Resp: 17247

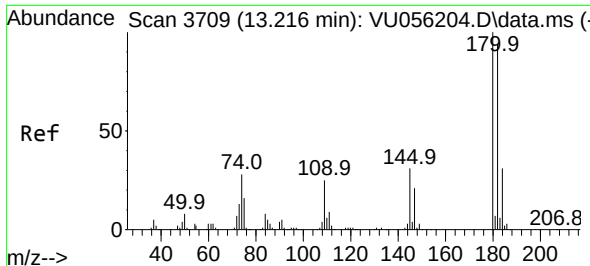
Ion Ratio Lower Upper

75 100

155 82.5 63.3 94.9

157 97.9 79.1 118.7





#69

1,3,5-Trichlorobenzene

Concen: 5.012 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

GCDK5MS

Tgt Ion:180 Resp: 222320

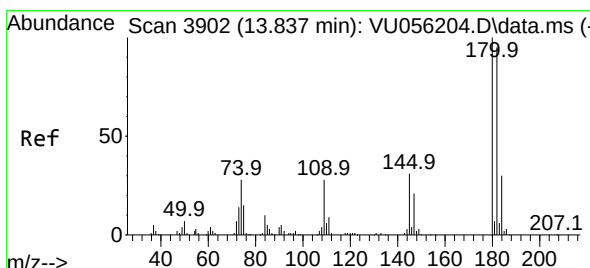
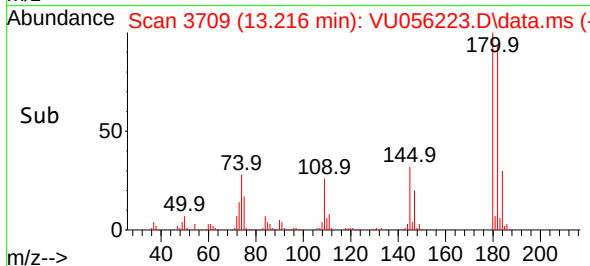
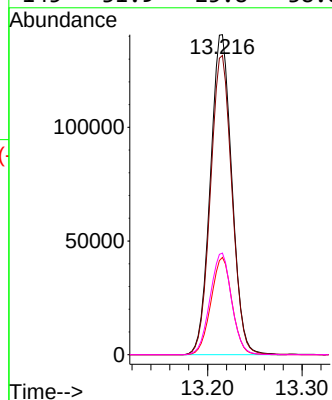
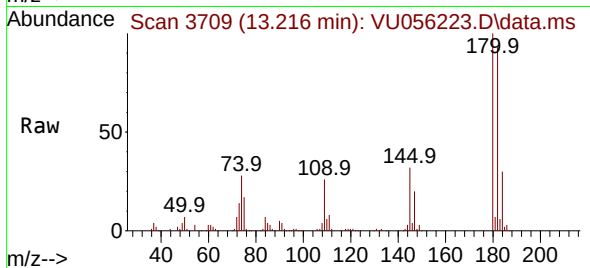
Ion Ratio Lower Upper

180 100

182 93.5 76.0 114.0

184 29.7 24.0 36.0

145 31.9 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 5.090 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU056223.D

Acq: 11 Nov 2023 17:41

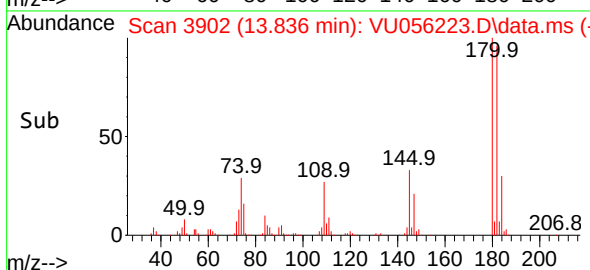
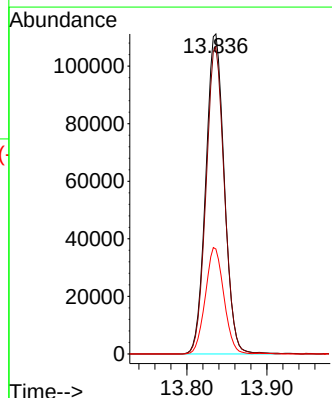
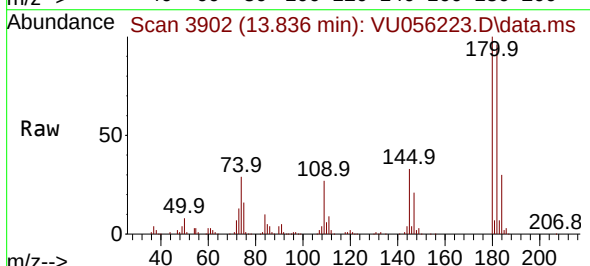
Tgt Ion:180 Resp: 179136

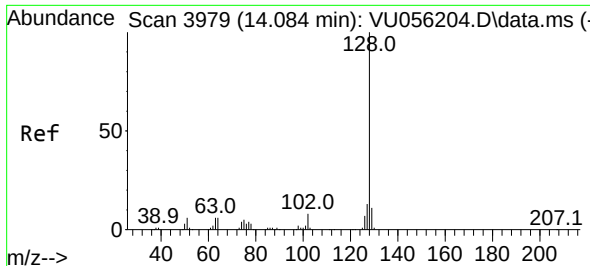
Ion Ratio Lower Upper

180 100

182 94.9 77.4 116.2

145 33.2 25.9 38.9

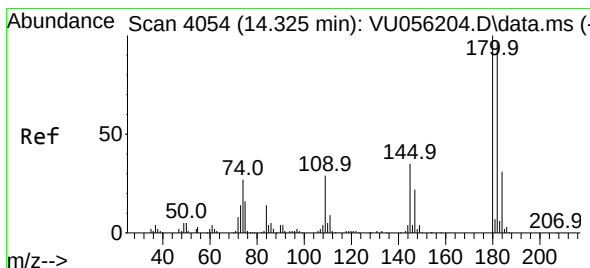
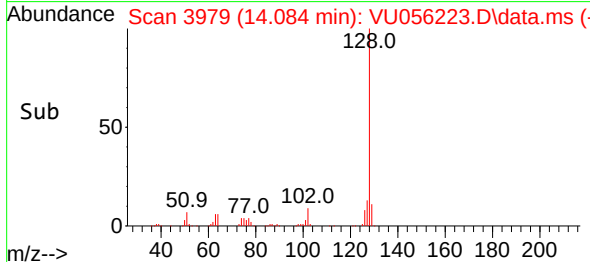
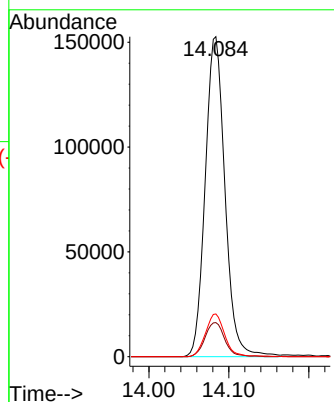
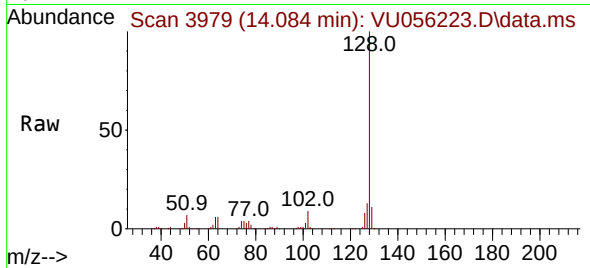




#71
Naphthalene
Concen: 5.027 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

Tgt Ion:128 Resp: 262392
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.1 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.016 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056223.D
Acq: 11 Nov 2023 17:41

Tgt Ion:180 Resp: 154782
Ion Ratio Lower Upper
180 100
182 96.7 76.6 115.0
145 33.9 28.0 42.0

