

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
 Data File : VU055848.D
 Acq On : 23 Oct 2023 10:05
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 23:18:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	490250	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	491439	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	280196	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	172858	39.309	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.620%
7) Chloroethane-d5	1.901	69	153809	42.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.580%
11) 1,1-Dichloroethene-d2	2.563	63	349660	44.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.200%
21) 2-Butanone-d5	4.615	46	238294	73.133	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.130%
24) Chloroform-d	5.059	84	389308	46.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	5.695	65	239107	46.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.160%
32) Benzene-d6	5.721	84	728627	46.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.680%
36) 1,2-Dichloropropane-d6	6.685	67	231522	46.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.020%
41) Toluene-d8	7.894	98	656162	46.215	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.420%
43) trans-1,3-Dichloroprop...	8.174	79	111547	46.649	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.300%
47) 2-Hexanone-d5	8.631	63	126860	64.826	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.830%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	366005	47.768	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.540%
66) 1,2-Dichlorobenzene-d4	12.190	152	283207	50.933	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	218710	53.579	ug/L	98
3) Chloromethane	1.518	50	207655	53.761	ug/L	99
5) Vinyl chloride	1.602	62	229953	54.098	ug/L	99
6) Bromomethane	1.840	94	135975	50.039	ug/L	96
8) Chloroethane	1.924	64	144837	51.946	ug/L	99
9) Trichlorofluoromethane	2.133	101	337507	55.573	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	209886	53.738	ug/L	99
12) 1,1-Dichloroethene	2.576	96	187034	53.814	ug/L	89
13) Acetone	2.618	43	309700	102.423	ug/L	99
14) Carbon disulfide	2.789	76	518314	49.005	ug/L	99
15) Methyl Acetate	2.940	43	205376	44.351	ug/L	98
16) Methylene chloride	3.039	84	216728	51.420	ug/L	97
17) trans-1,2-Dichloroethene	3.348	96	187575	52.779	ug/L	99
18) Methyl tert-butyl Ether	3.358	73	656281	57.419	ug/L	98
19) 1,1-Dichloroethane	3.862	63	380827	52.252	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	219099	54.016	ug/L	98
22) 2-Butanone	4.692	43	336284	92.270	ug/L	98
23) Bromochloromethane	4.968	128	112377	53.496	ug/L	94
25) Chloroform	5.081	83	398128	52.292	ug/L	99

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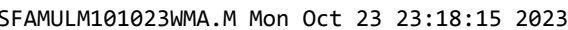
Instrument :
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 ClientSampleId :

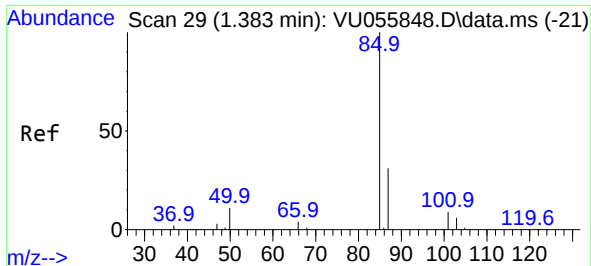
Quant Time: Oct 23 23:18:09 2023
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 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	313055	51.410	ug/L	99
29) Cyclohexane	5.383	56	327558	58.150	ug/L	98
30) 1,1,1-Trichloroethane	5.309	97	347554	54.740	ug/L	98
31) Carbon tetrachloride	5.522	117	304672	54.822	ug/L	100
33) Benzene	5.769	78	830409	53.455	ug/L	100
34) Trichloroethene	6.538	95	231055	54.358	ug/L	97
35) Methylcyclohexane	6.759	83	353982	57.398	ug/L	99
37) 1,2-Dichloropropane	6.785	63	226979	53.061	ug/L	99
38) Bromodichloromethane	7.100	83	301254	53.403	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	368186	56.575	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	573323	96.339	ug/L	97
42) Toluene	7.965	91	909947	55.512	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	342178	54.952	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	224611	53.250	ug/L	95
46) Tetrachloroethene	8.550	164	164956	54.203	ug/L	98
48) 2-Hexanone	8.679	43	514433	102.341	ug/L	99
49) Dibromochloromethane	8.804	129	230538	53.490	ug/L	98
50) 1,2-Dibromoethane	8.920	107	242013	53.418	ug/L	98
51) Chlorobenzene	9.444	112	572069	53.940	ug/L	99
52) Ethylbenzene	9.566	91	1018603	56.838	ug/L	99
53) m,p-Xylene	9.689	106	387402	57.701	ug/L	94
54) o-Xylene	10.097	106	380013	58.490	ug/L	95
55) Styrene	10.110	104	664195	60.347	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	382949	53.022	ug/L	99
59) Bromoform	10.287	173	179182	51.948	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	301716	49.615	ug/L	98
61) Isopropylbenzene	10.480	105	1029268	58.924	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	867287	61.361	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	821572	58.783	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	493414	57.141	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	495132	55.771	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	496682	57.961	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	78746	43.314	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	330559	57.391	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	281385	58.651	ug/L	99
71) Naphthalene	14.084	128	826167	57.971	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	274925	58.122	ug/L	98

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

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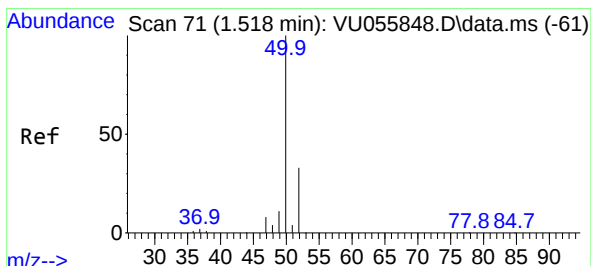
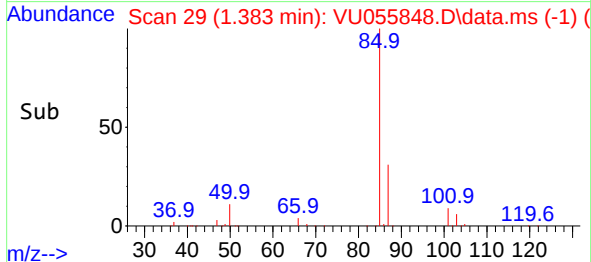
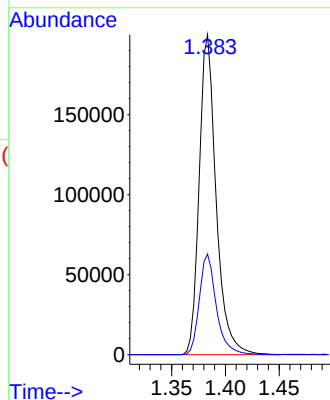
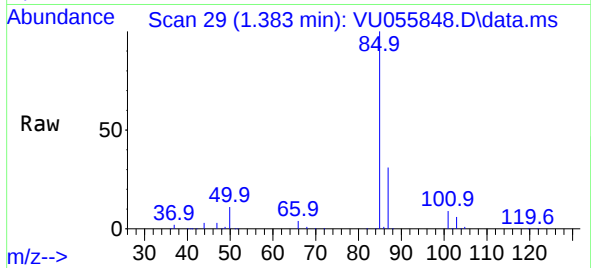




#2
 Dichlorodifluoromethane
 Concen: 53.579 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055848.D
 Acq: 23 Oct 2023 10:05

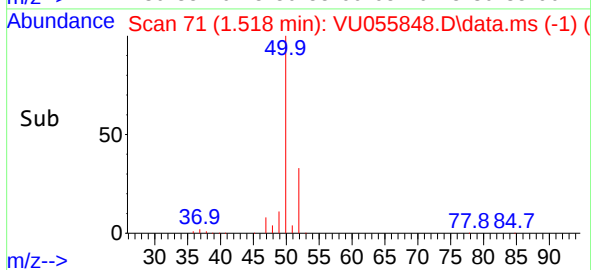
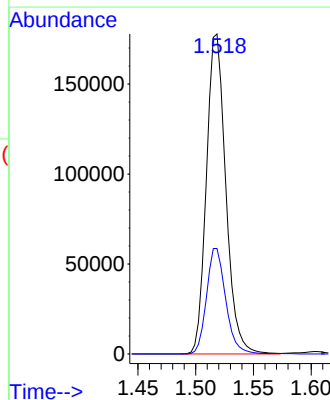
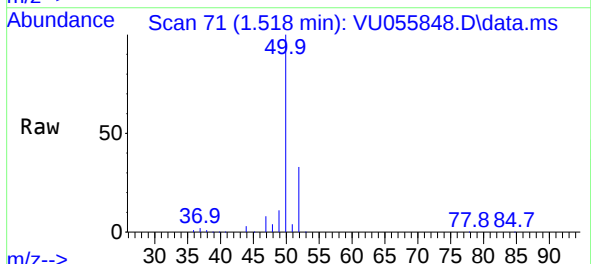
Instrument :
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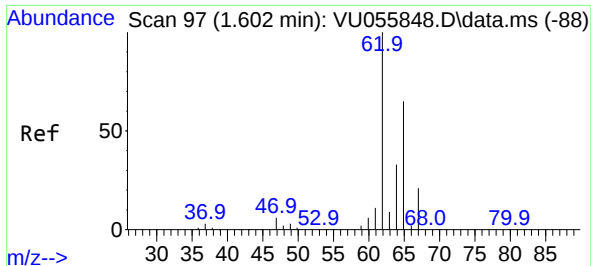
Tgt Ion: 85 Resp: 218710
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.0 39.0



#3
 Chloromethane
 Concen: 53.761 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055848.D
 Acq: 23 Oct 2023 10:05

Tgt Ion: 50 Resp: 207655
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.8 42.4

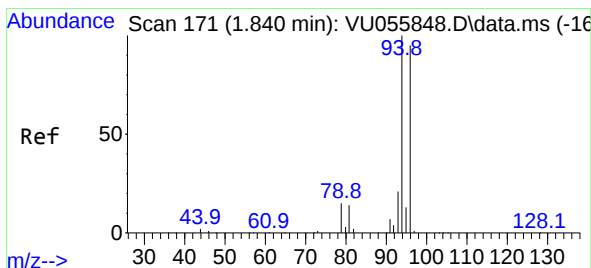
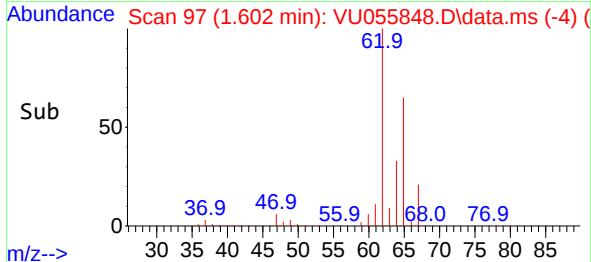
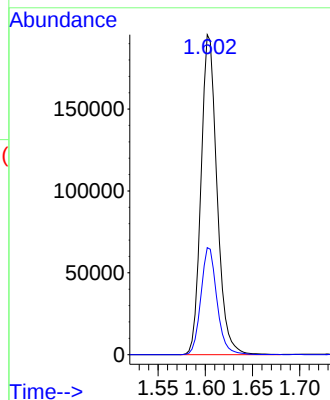
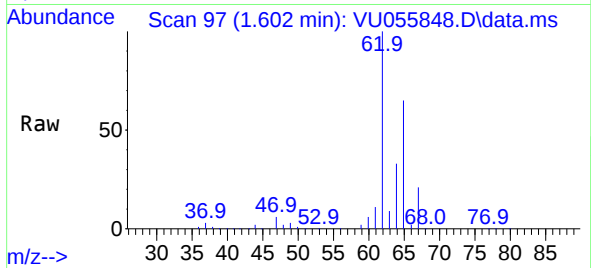




#5
Vinyl chloride
Concen: 54.098 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

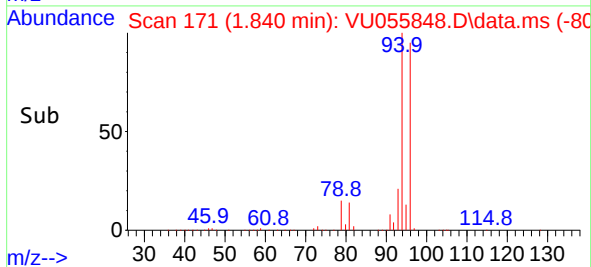
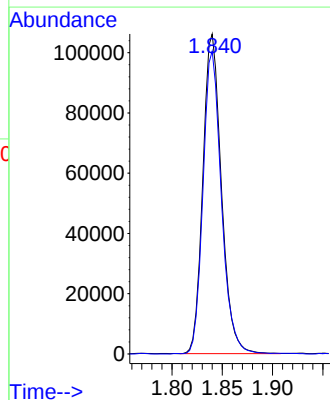
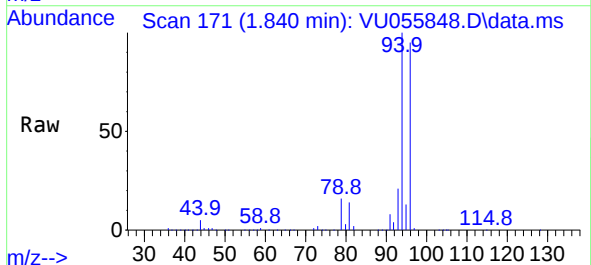
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ClientSampleId :

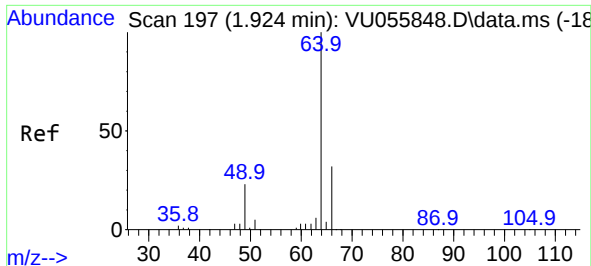
Tgt Ion: 62 Resp: 229953
Ion Ratio Lower Upper
62 100
64 33.4 23.9 44.5



#6
Bromomethane
Concen: 50.039 ug/L
RT: 1.840 min Scan# 171
Delta R.T. -0.006 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion: 94 Resp: 135975
Ion Ratio Lower Upper
94 100
96 94.6 63.5 117.9

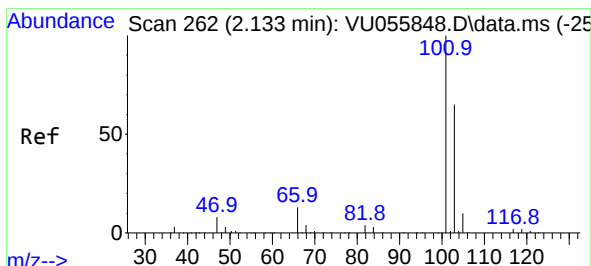
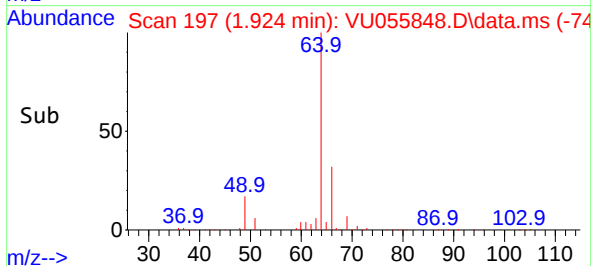
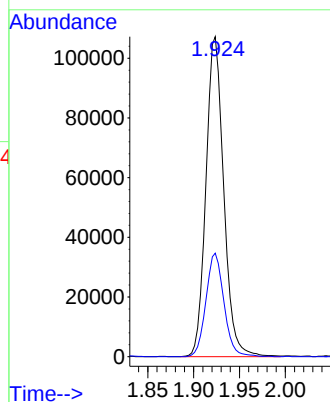
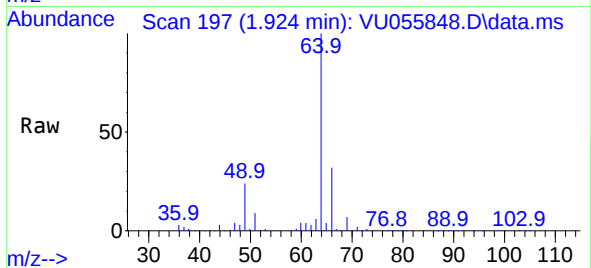




#8
Chloroethane
Concen: 51.946 ug/L
RT: 1.924 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

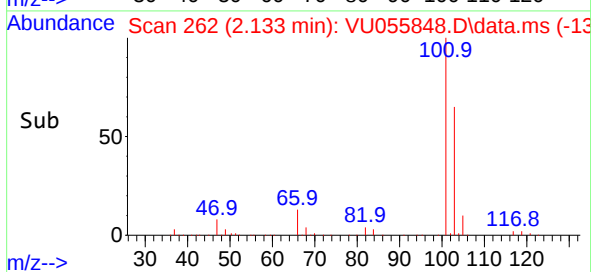
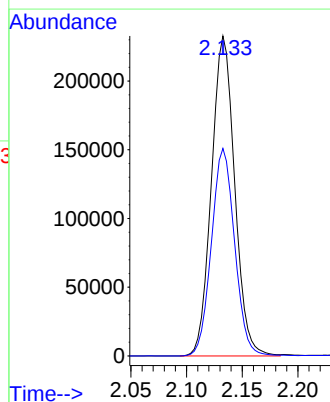
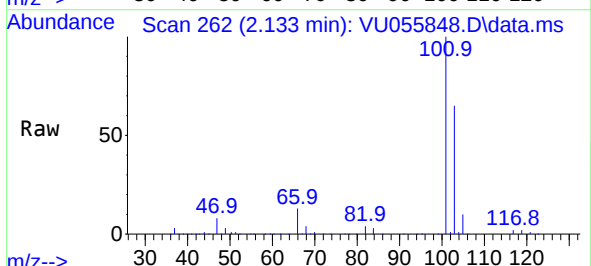
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ClientSampleId :

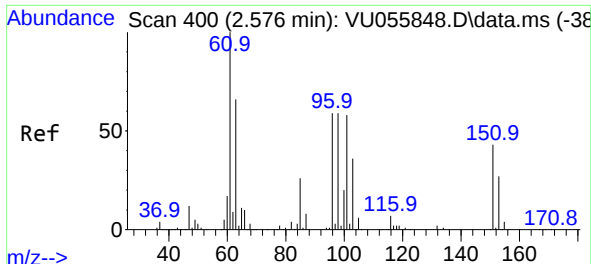
Tgt Ion: 64 Resp: 144837
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 55.573 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion:101 Resp: 337507
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9

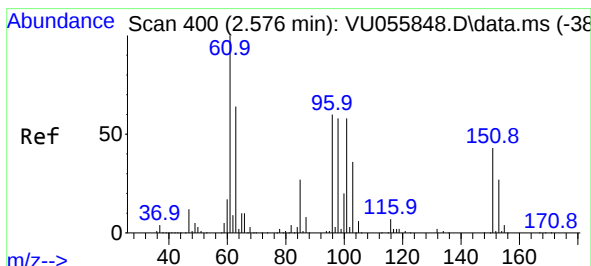
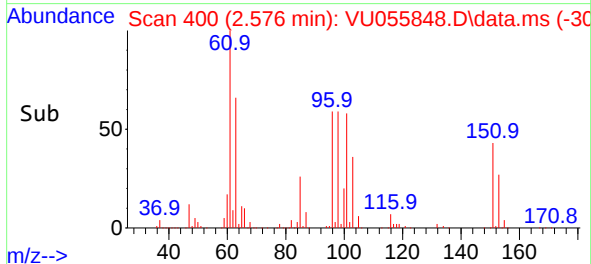
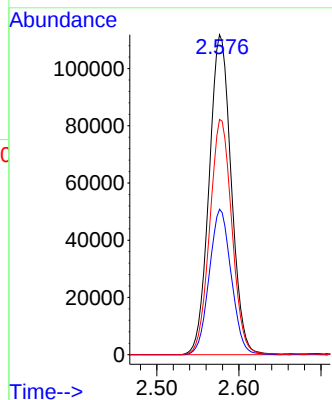
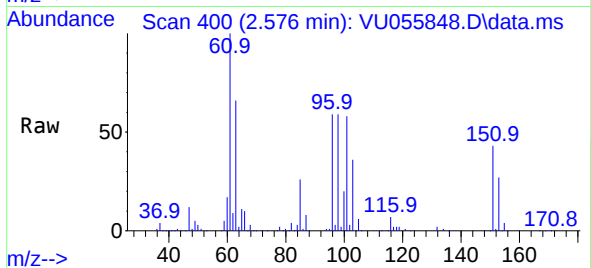




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.738 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU055848.D
 Acq: 23 Oct 2023 10:05

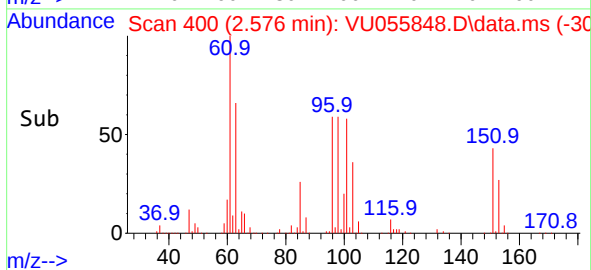
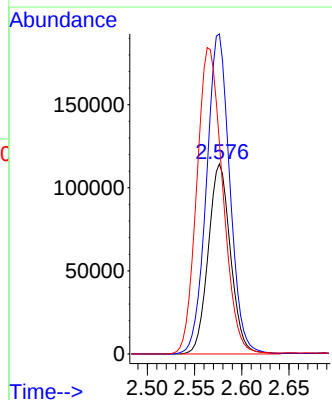
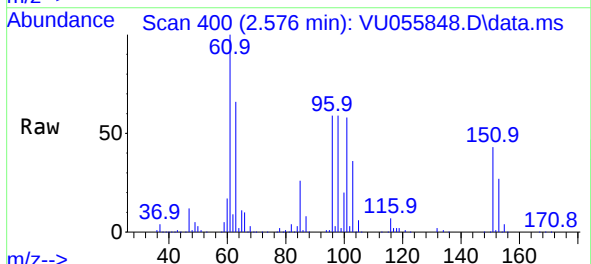
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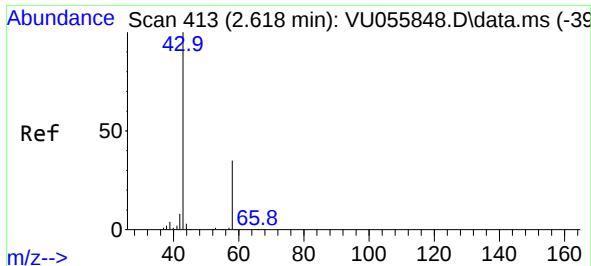
Tgt Ion:101 Resp: 209886
 Ion Ratio Lower Upper
 101 100
 85 45.1 37.1 55.7
 151 73.7 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 53.814 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055848.D
 Acq: 23 Oct 2023 10:05

Tgt Ion: 96 Resp: 187034
 Ion Ratio Lower Upper
 96 100
 61 168.4 122.0 226.6
 63 111.2 93.7 174.1

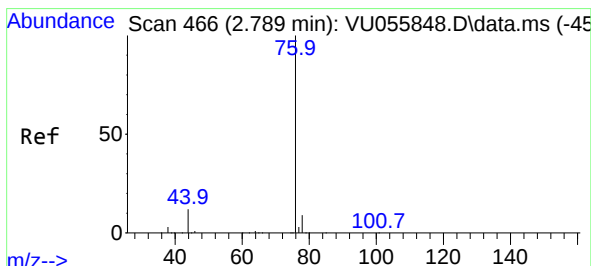
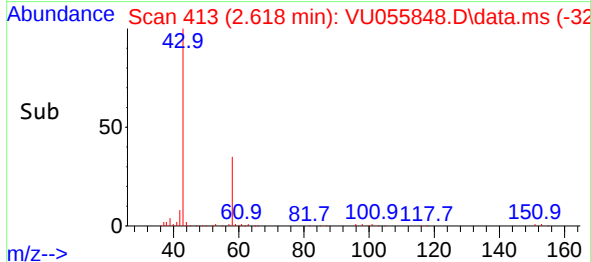
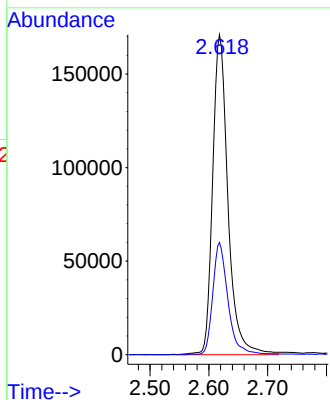
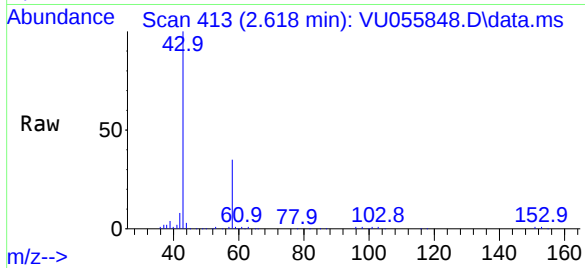




#13
Acetone
Concen: 102.423 ug/L
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

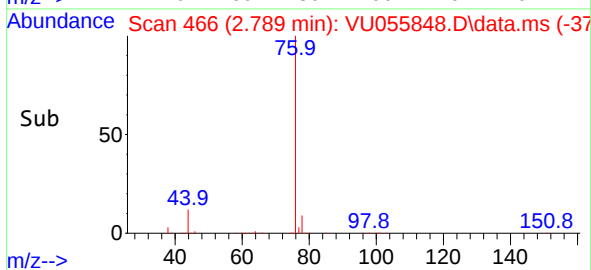
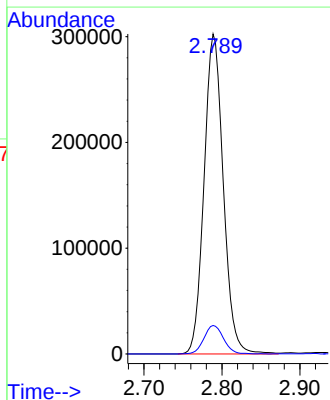
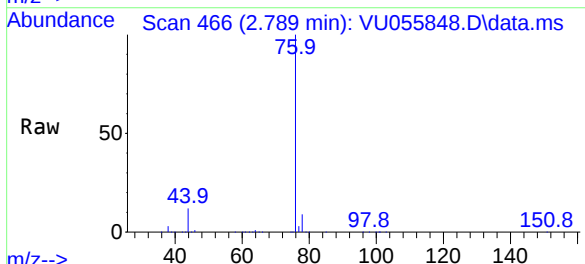
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ClientSampleId :

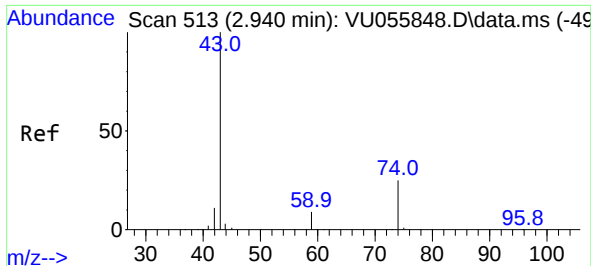
Tgt Ion: 43 Resp: 309700
Ion Ratio Lower Upper
43 100
58 34.4 0.0 67.4



#14
Carbon disulfide
Concen: 49.005 ug/L
RT: 2.789 min Scan# 466
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion: 76 Resp: 518314
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

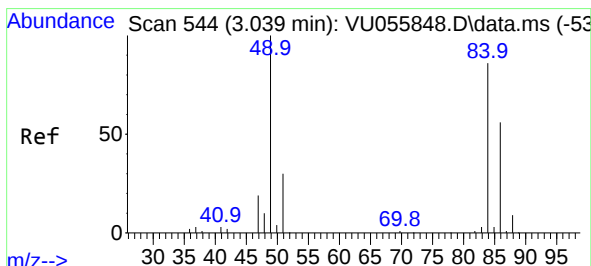
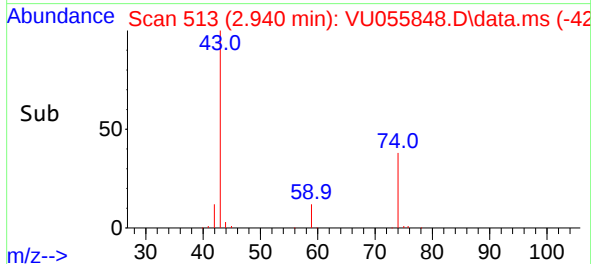
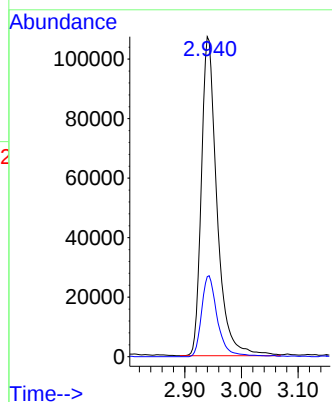
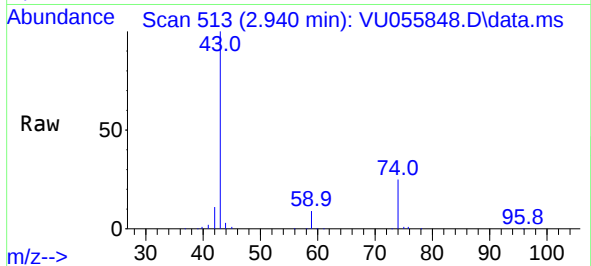




#15
Methyl Acetate
Concen: 44.351 ug/L
RT: 2.940 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

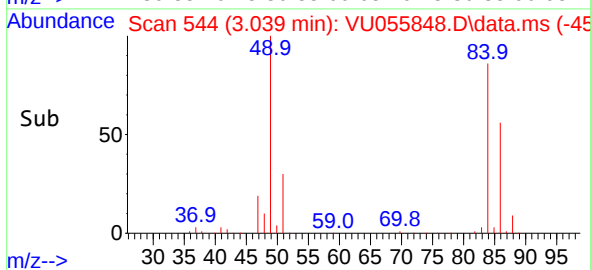
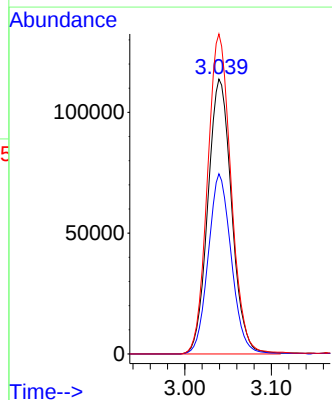
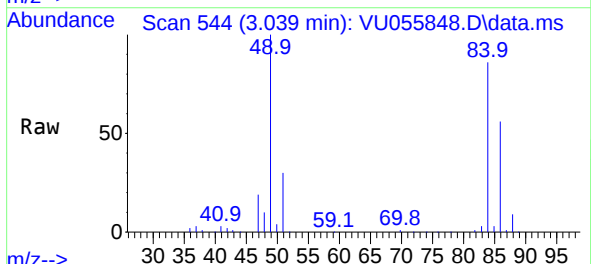
Instrument :
MSVOA_U
ClientSampleId :

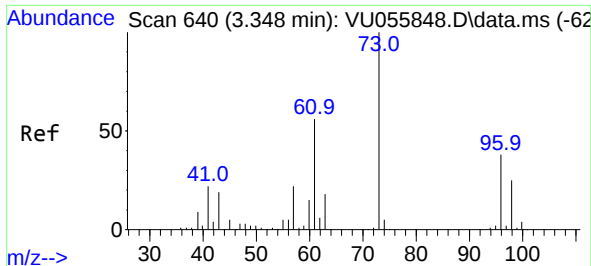
Tgt Ion: 43 Resp: 205376
Ion Ratio Lower Upper
43 100
74 25.5 19.5 29.3



#16
Methylene chloride
Concen: 51.420 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion: 84 Resp: 216728
Ion Ratio Lower Upper
84 100
86 65.6 46.3 86.1
49 116.4 84.8 157.6

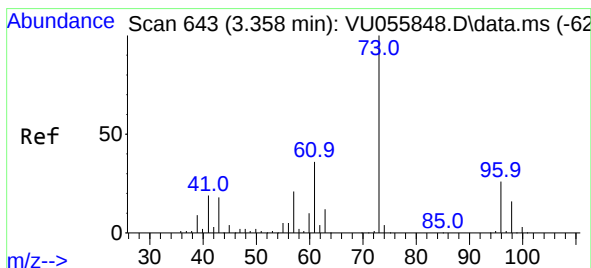
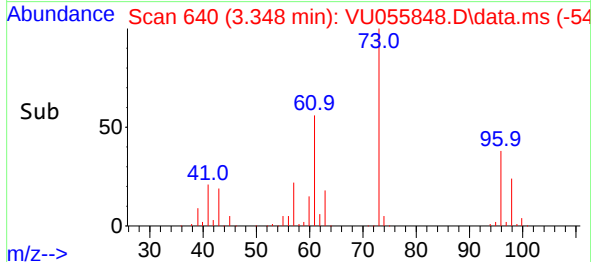
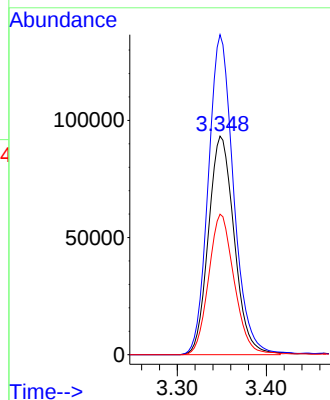
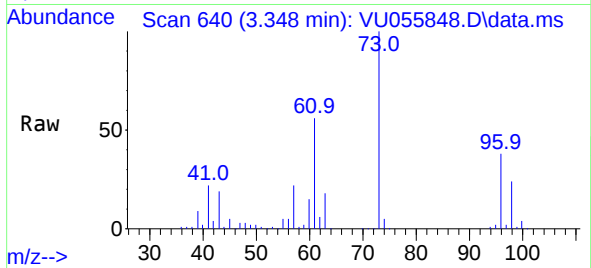




#17
trans-1,2-Dichloroethene
Concen: 52.779 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

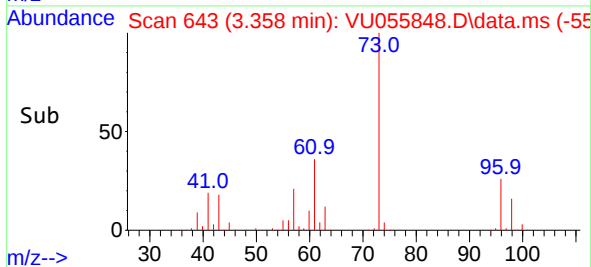
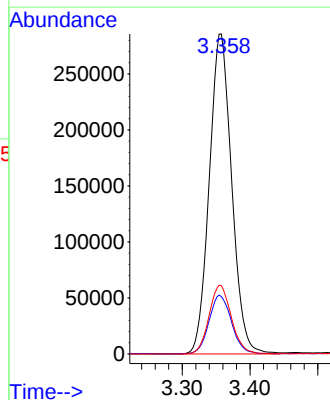
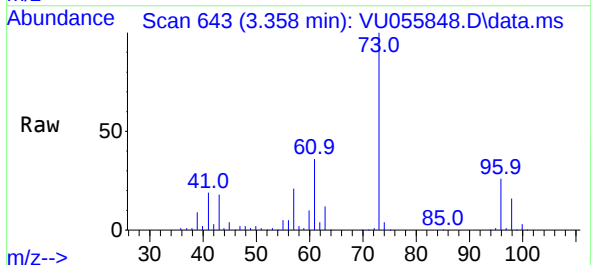
Instrument :
MSVOA_U
ClientSampleId :

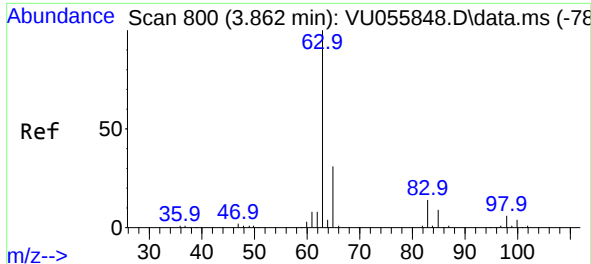
Tgt Ion: 96 Resp: 187575
Ion Ratio Lower Upper
96 100
61 146.4 102.1 189.7
98 64.3 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 57.419 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

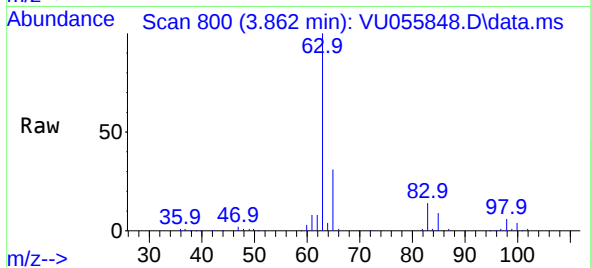
Tgt Ion: 73 Resp: 656281
Ion Ratio Lower Upper
73 100
43 18.3 15.4 23.2
57 21.4 17.7 26.5



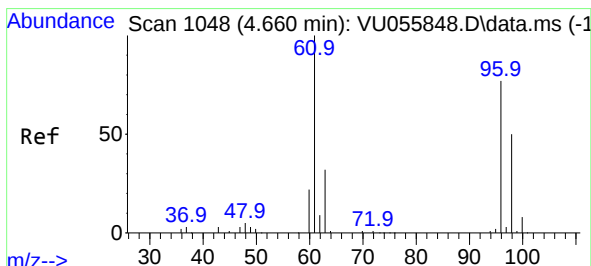
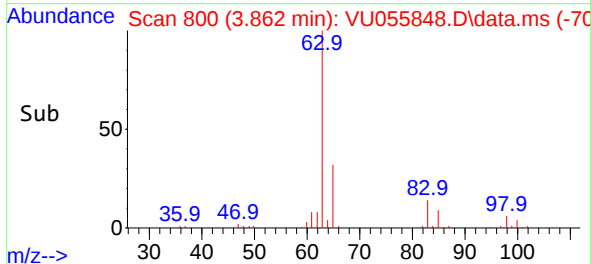
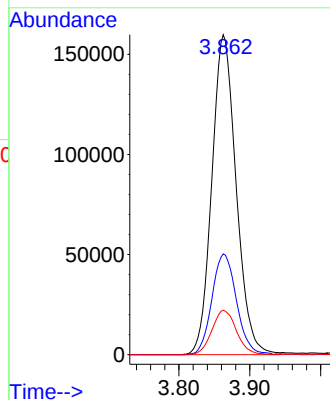


#19
1,1-Dichloroethane
Concen: 52.252 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :

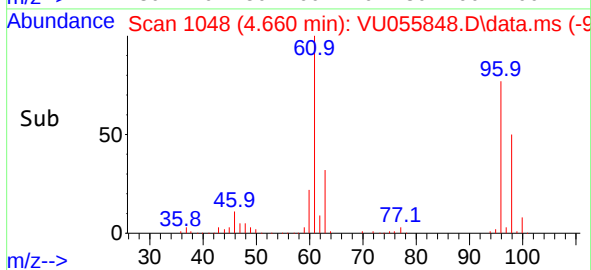
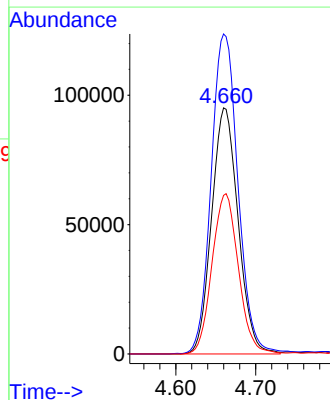
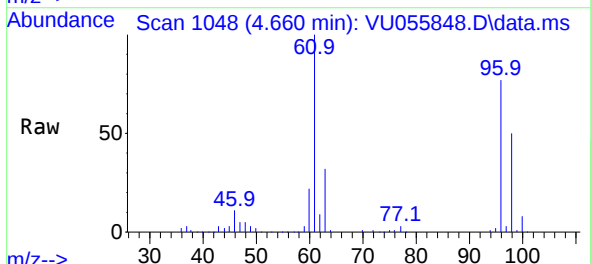


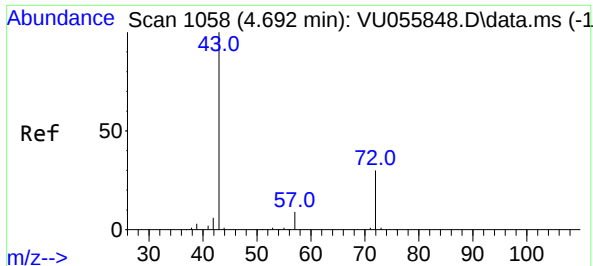
Tgt Ion: 63 Resp: 380827
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.5
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 54.016 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion: 96 Resp: 219099
Ion Ratio Lower Upper
96 100
61 130.1 92.3 171.5
98 64.4 43.9 81.5

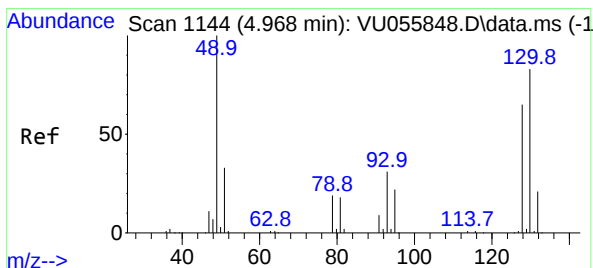
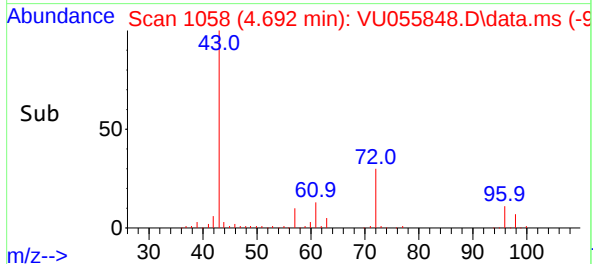
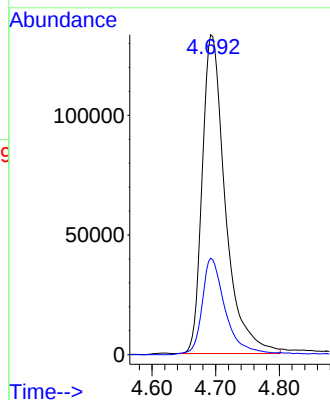
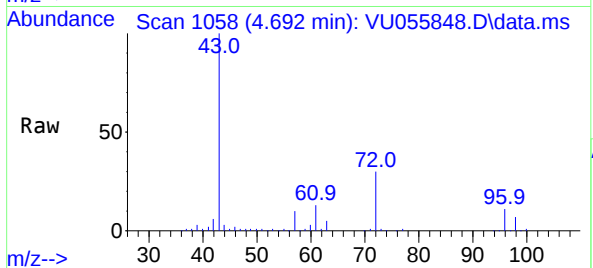




#22
2-Butanone
Concen: 92.270 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

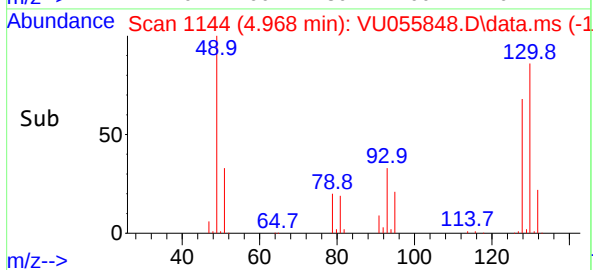
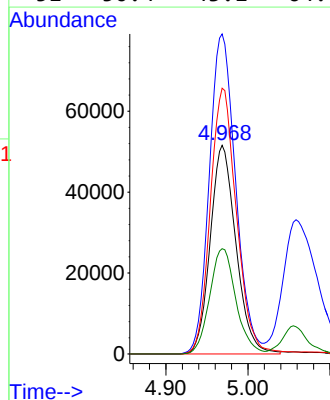
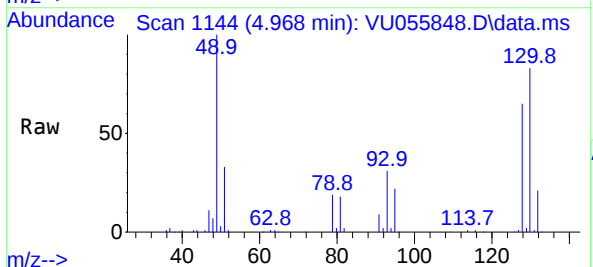
Instrument :
MSVOA_U
ClientSampleId :

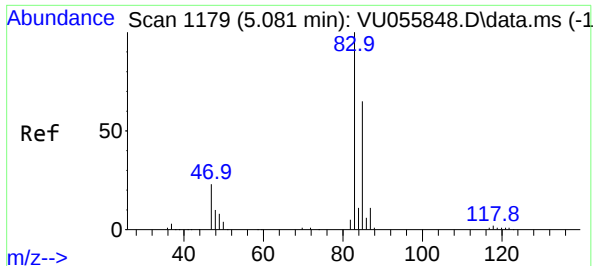
Tgt Ion: 43 Resp: 336284
Ion Ratio Lower Upper
43 100
72 30.3 14.6 44.0



#23
Bromochloromethane
Concen: 53.496 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion:128 Resp: 112377
Ion Ratio Lower Upper
128 100
49 153.3 116.3 216.1
130 127.3 91.6 170.0
51 50.4 43.1 64.7

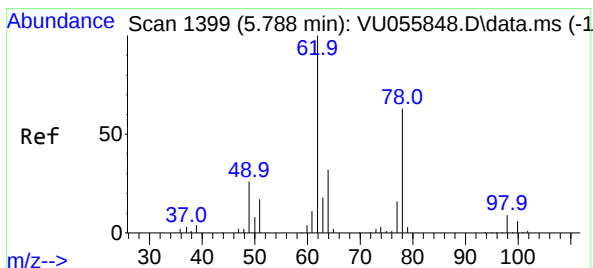
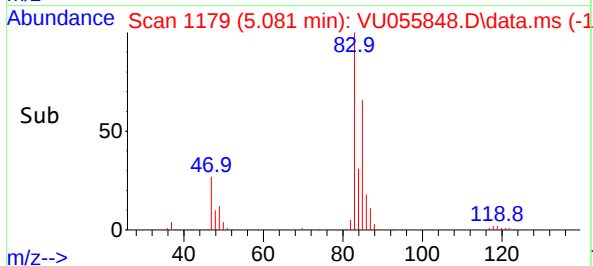
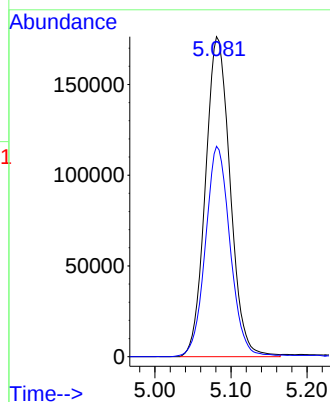
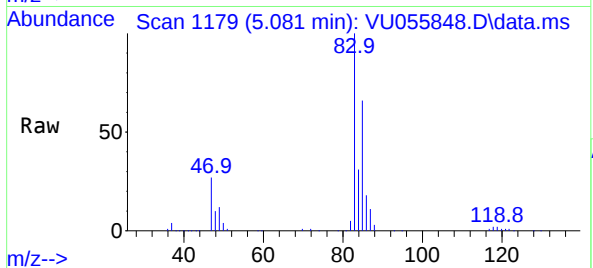




#25
Chloroform
Concen: 52.292 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

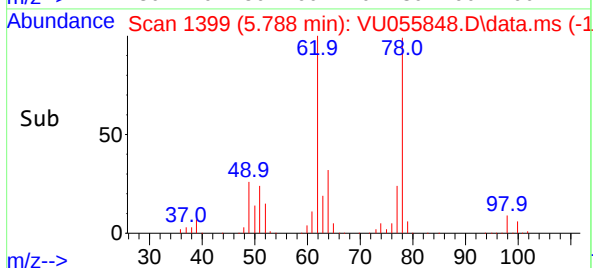
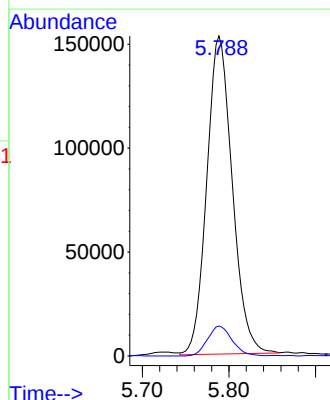
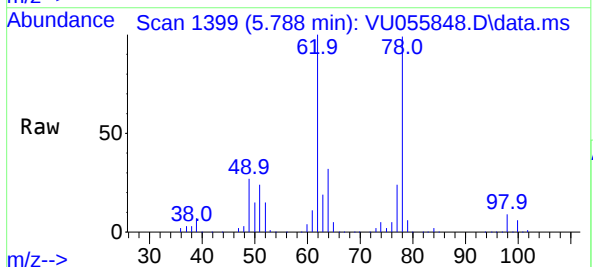
Instrument :
MSVOA_U
ClientSampleId :

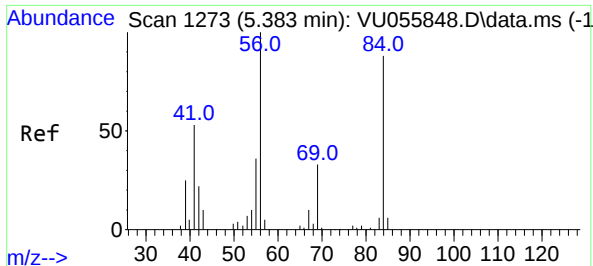
Tgt Ion: 83 Resp: 398128
Ion Ratio Lower Upper
83 100
85 65.7 46.3 86.1



#27
1,2-Dichloroethane
Concen: 51.410 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion: 62 Resp: 313055
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8





#29

Cyclohexane

Concen: 58.150 ug/L

RT: 5.383 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU055848.D

Acq: 23 Oct 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

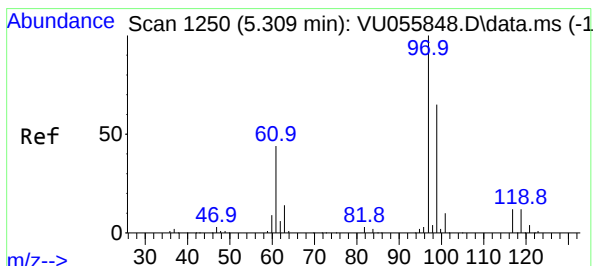
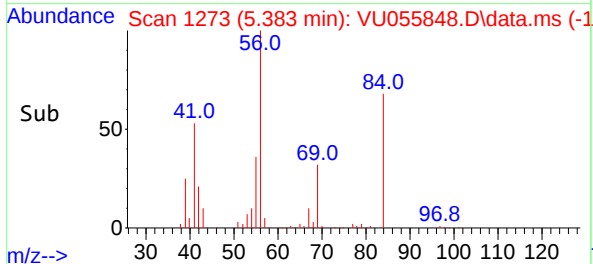
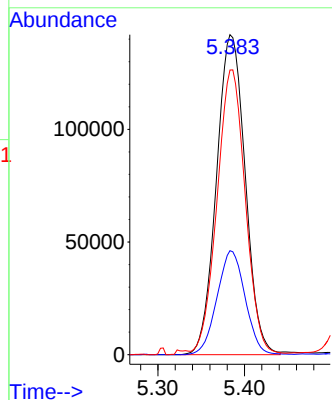
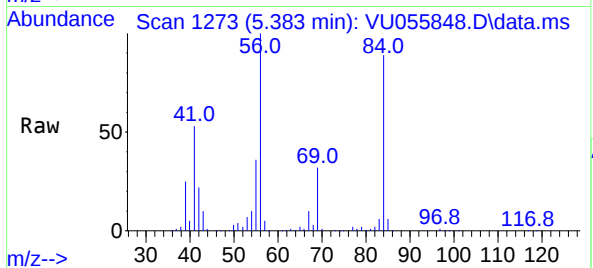
Tgt Ion: 56 Resp: 327558

Ion Ratio Lower Upper

56 100

69 31.8 24.9 37.3

84 86.8 70.7 106.1



#30

1,1,1-Trichloroethane

Concen: 54.740 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU055848.D

Acq: 23 Oct 2023 10:05

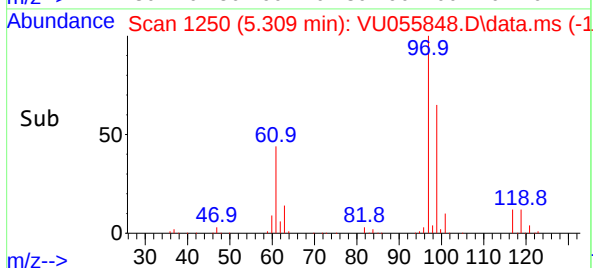
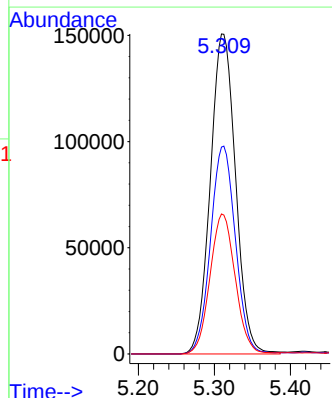
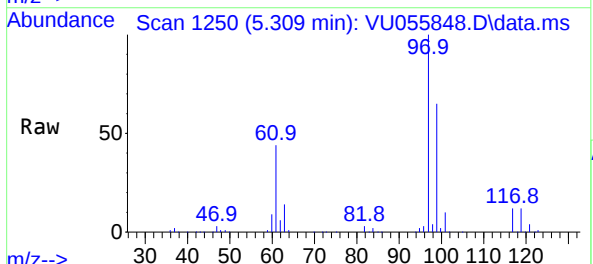
Tgt Ion: 97 Resp: 347554

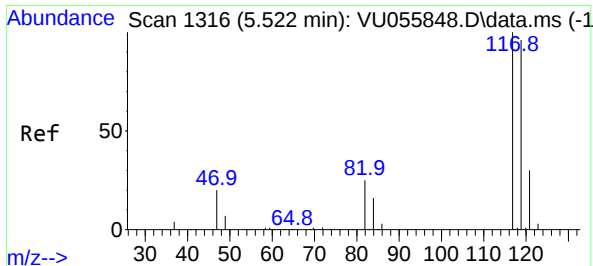
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 43.8 36.8 55.2

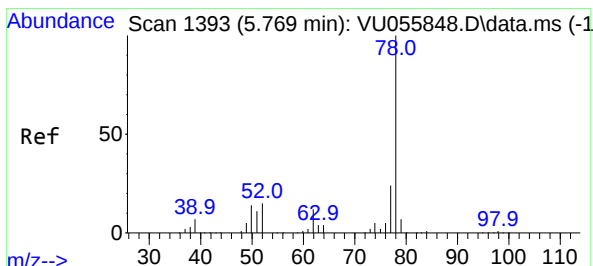
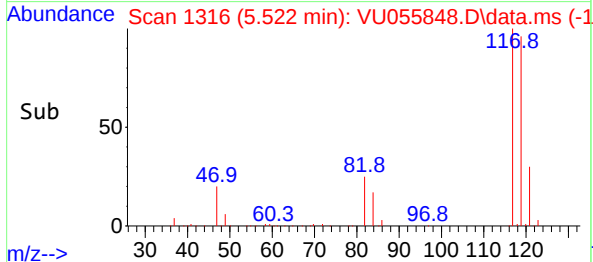
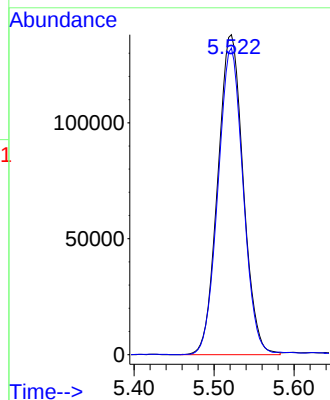
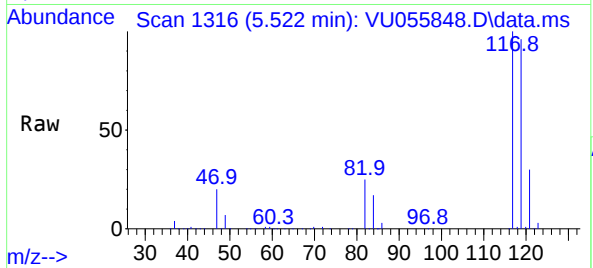




#31
Carbon tetrachloride
Concen: 54.822 ug/L
RT: 5.522 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

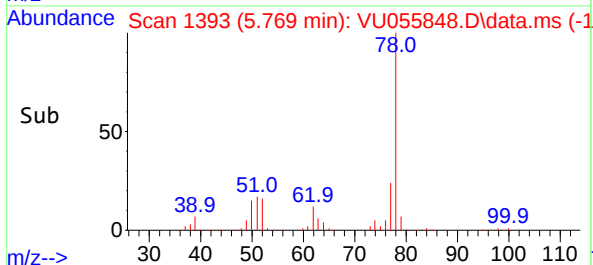
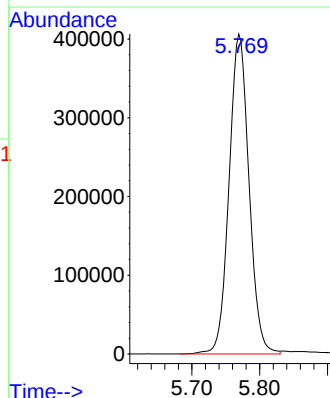
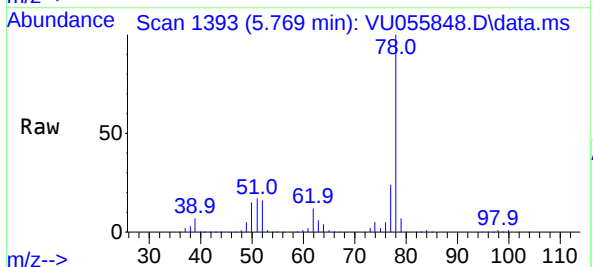
Instrument :
MSVOA_U
ClientSampleId :

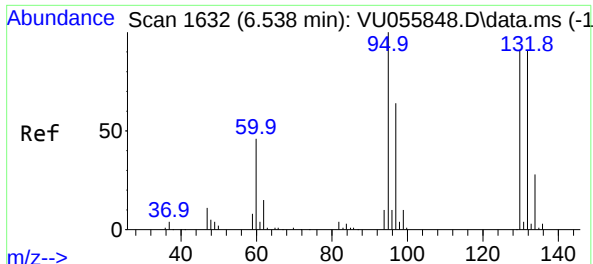
Tgt Ion:117 Resp: 304672
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.0



#33
Benzene
Concen: 53.455 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

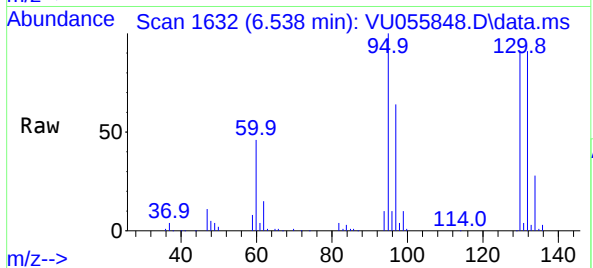
Tgt Ion: 78 Resp: 830409



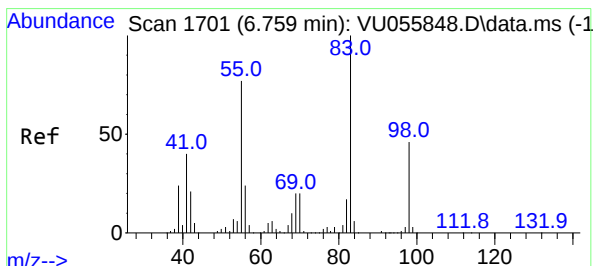
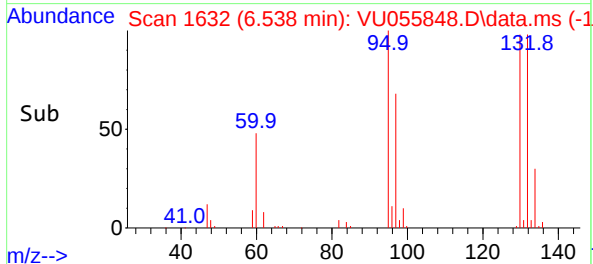
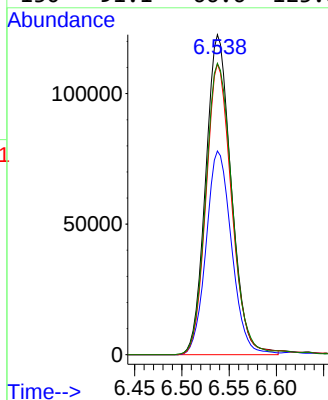


#34
Trichloroethene
Concen: 54.358 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :

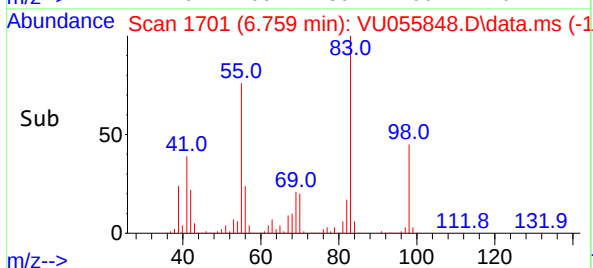
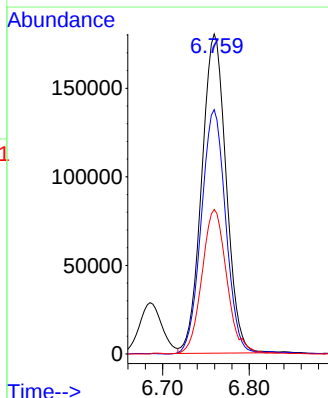
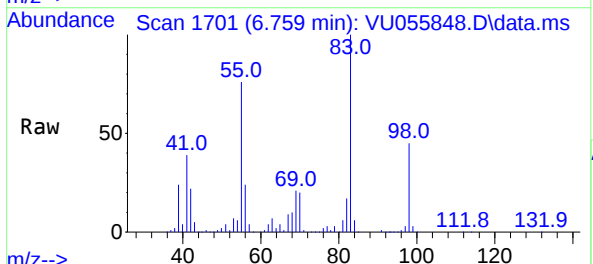


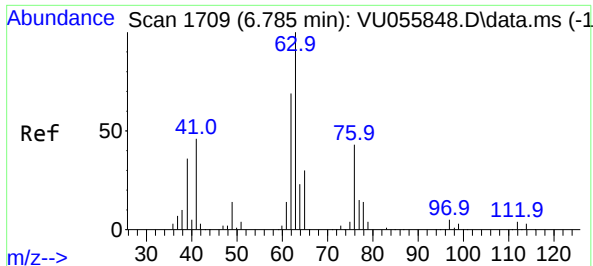
Tgt Ion: 95 Resp: 231055
Ion Ratio Lower Upper
95 100
97 63.7 44.4 82.5
132 90.9 61.8 114.8
130 91.1 66.6 123.8



#35
Methylcyclohexane
Concen: 57.398 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion: 83 Resp: 353982
Ion Ratio Lower Upper
83 100
55 76.6 61.2 91.8
98 45.6 35.8 53.6

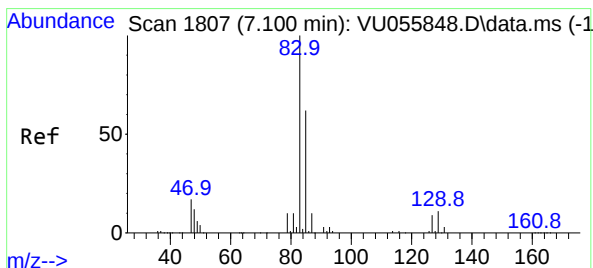
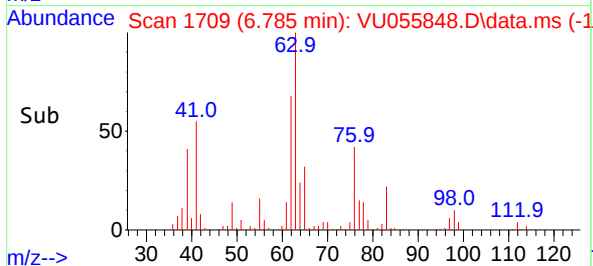
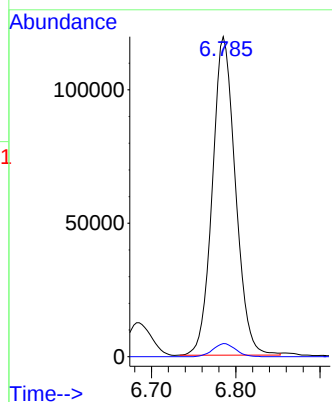
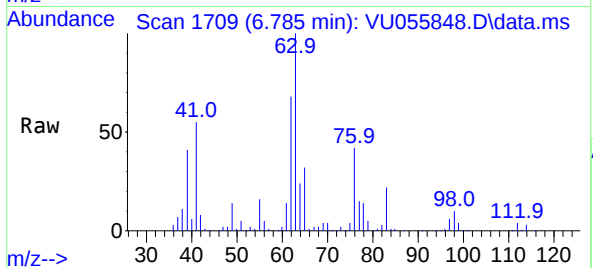




#37
1,2-Dichloropropane
Concen: 53.061 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

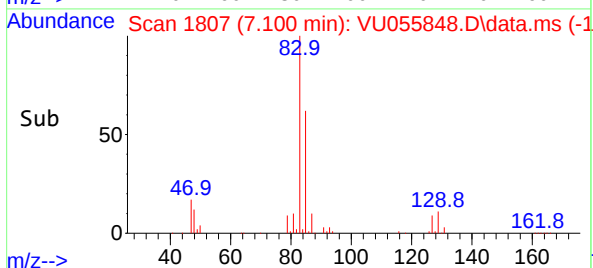
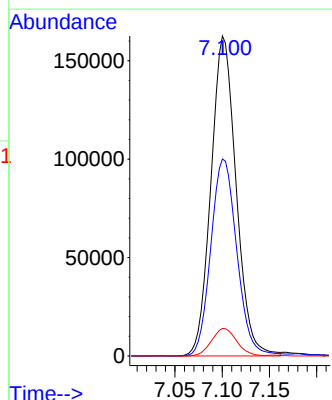
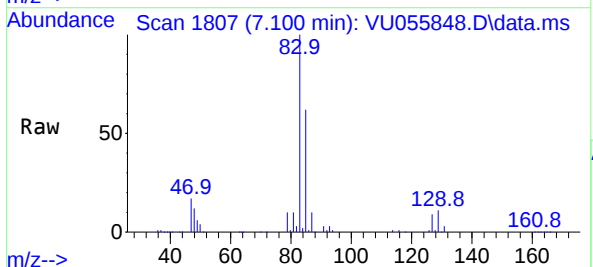
Instrument :
MSVOA_U
ClientSampleId :

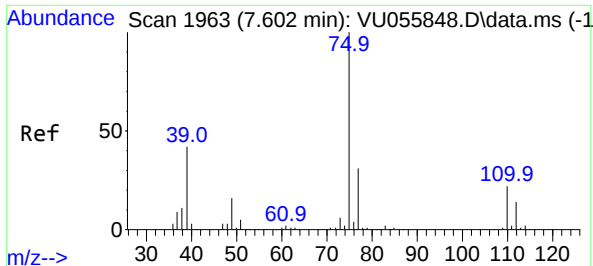
Tgt Ion: 63 Resp: 226979
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 53.403 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion: 83 Resp: 301254
Ion Ratio Lower Upper
83 100
85 61.6 46.0 85.4
127 8.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 56.575 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.003 min

Lab File: VU055848.D

Acq: 23 Oct 2023 10:05

Instrument :

MSVOA_U

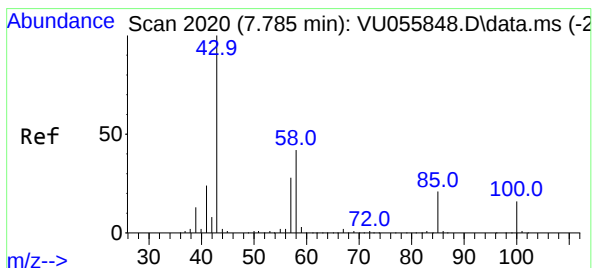
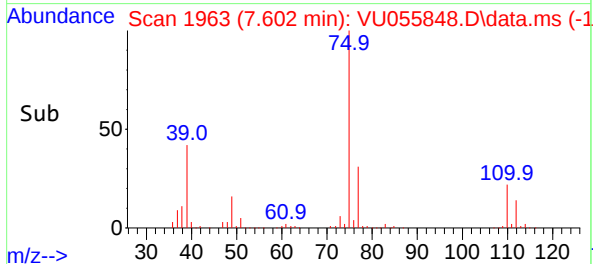
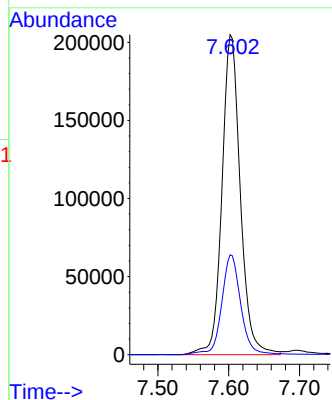
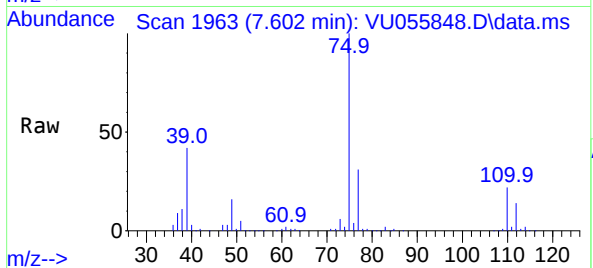
ClientSampleId :

Tgt Ion: 75 Resp: 368186

Ion Ratio Lower Upper

75 100

77 31.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 96.339 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU055848.D

Acq: 23 Oct 2023 10:05

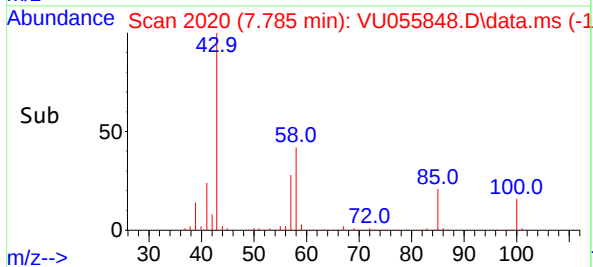
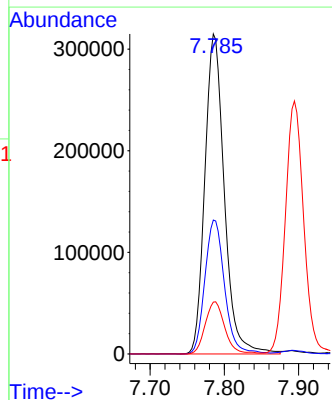
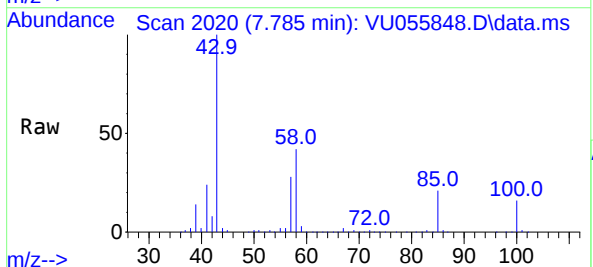
Tgt Ion: 43 Resp: 573323

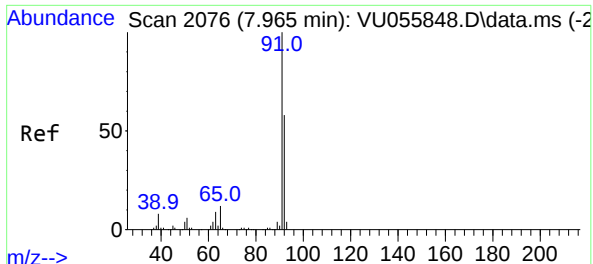
Ion Ratio Lower Upper

43 100

58 42.3 32.3 48.5

100 16.1 12.0 18.0





#42

Toluene

Concen: 55.512 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055848.D

Acq: 23 Oct 2023 10:05

Instrument :

MSVOA_U

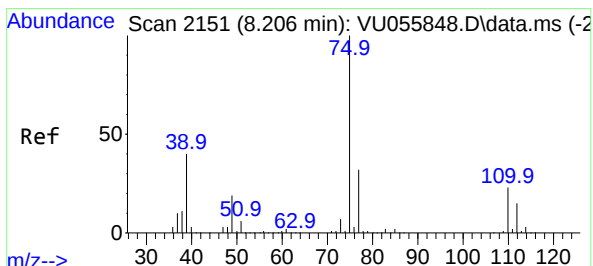
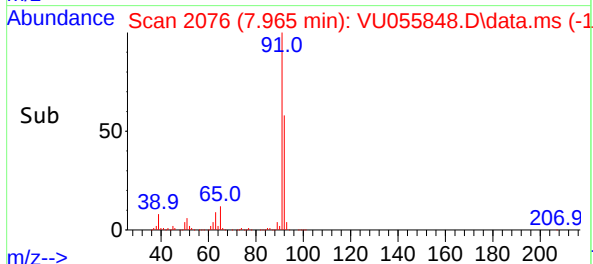
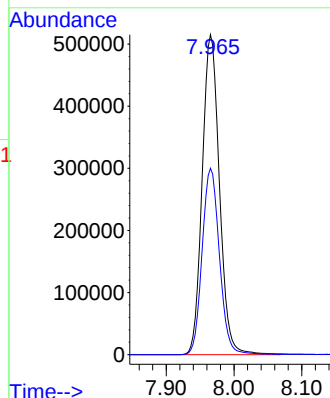
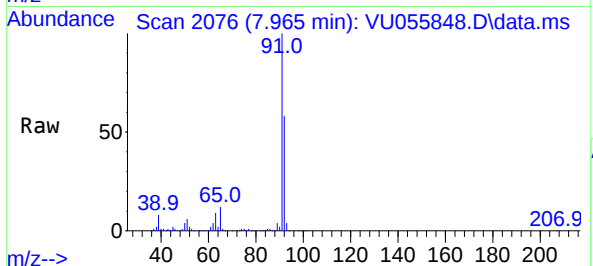
ClientSampleId :

Tgt Ion: 91 Resp: 909947

Ion Ratio Lower Upper

91 100

92 58.3 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 54.952 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU055848.D

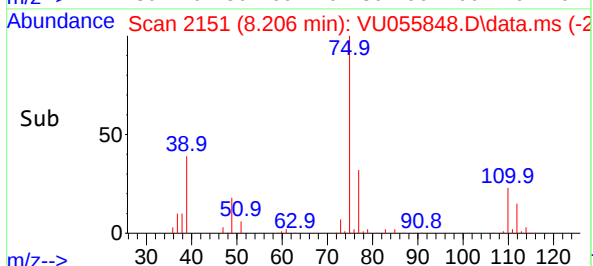
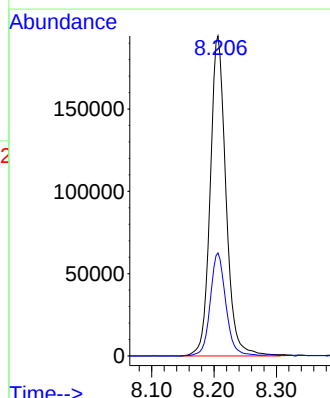
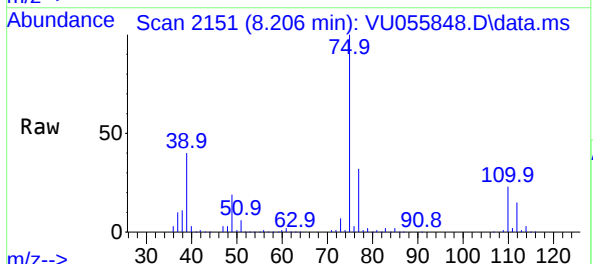
Acq: 23 Oct 2023 10:05

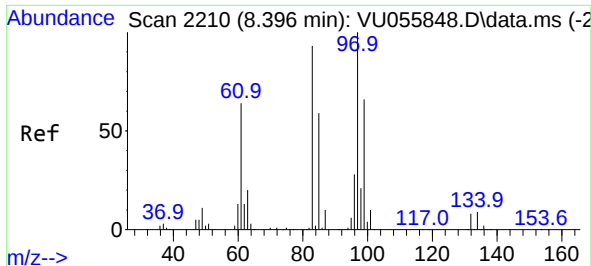
Tgt Ion: 75 Resp: 342178

Ion Ratio Lower Upper

75 100

77 32.2 21.6 40.2



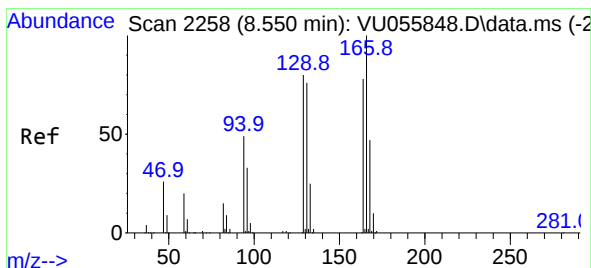
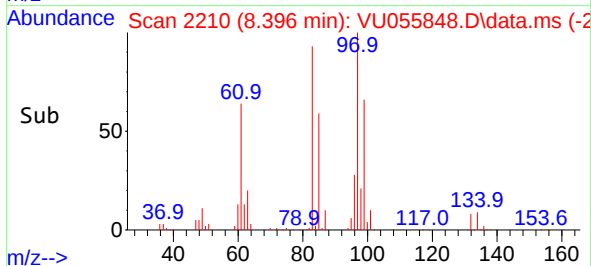
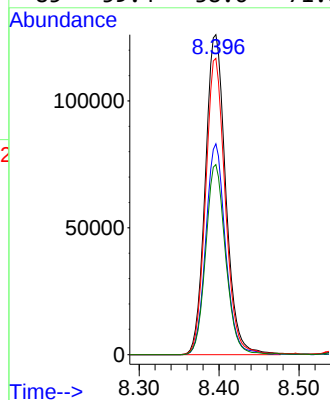
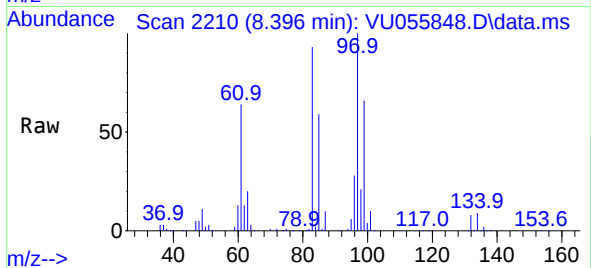


#45
1,1,2-Trichloroethane
Concen: 53.250 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 224611

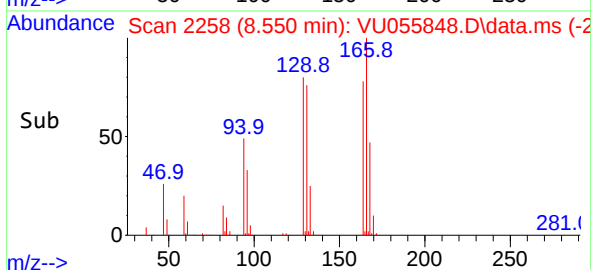
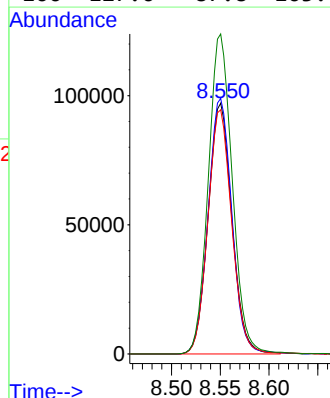
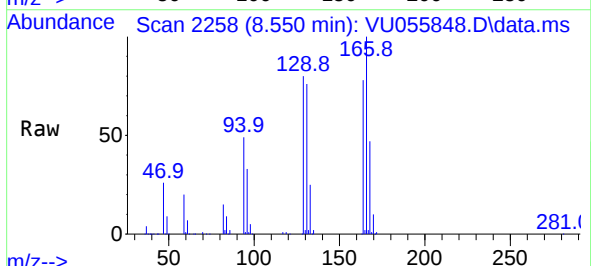
Ion	Ratio	Lower	Upper
97	100		
99	65.9	44.4	82.5
83	92.6	60.4	112.2
85	59.4	38.6	71.8

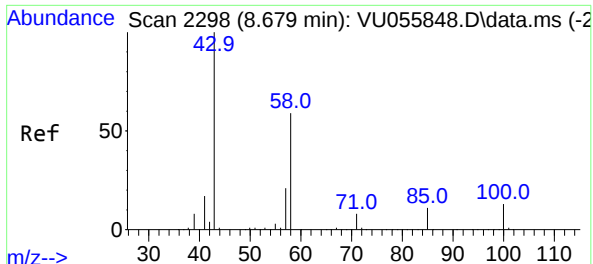


#46
Tetrachloroethene
Concen: 54.203 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion: 164 Resp: 164956

Ion	Ratio	Lower	Upper
164	100		
129	101.9	70.7	131.3
131	97.4	65.9	122.5
166	127.6	87.8	163.0

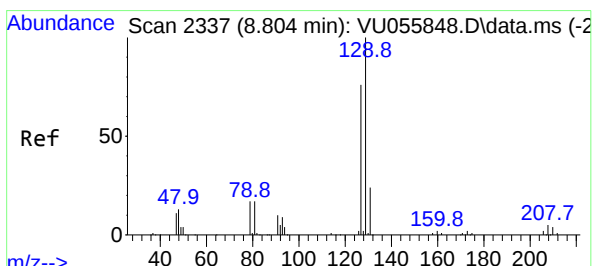
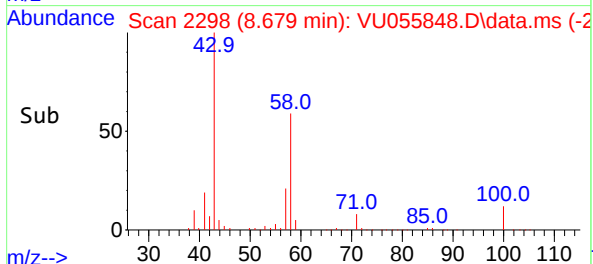
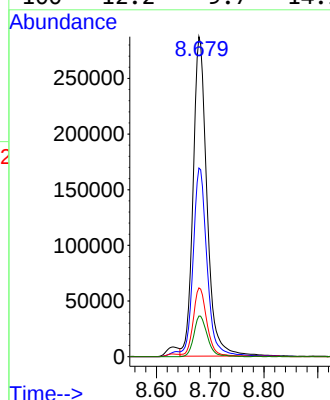
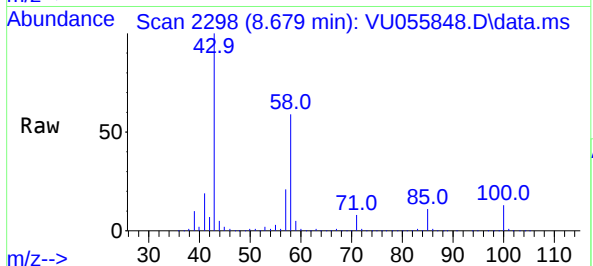




#48
2-Hexanone
Concen: 102.341 ug/L
RT: 8.679 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

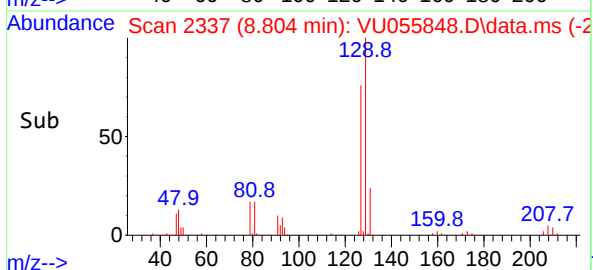
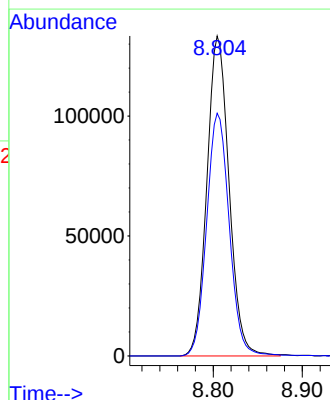
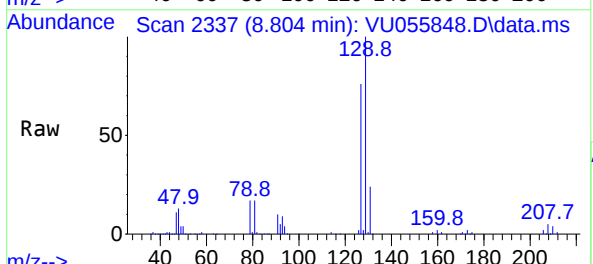
Instrument :
MSVOA_U
ClientSampleId :

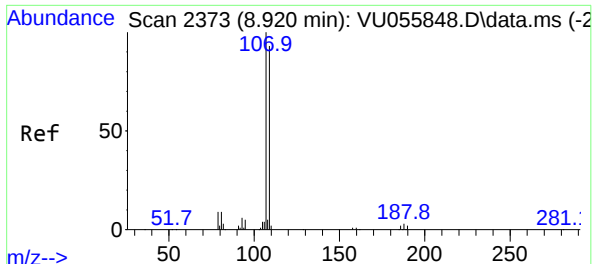
Tgt Ion: 43 Resp: 514433
Ion Ratio Lower Upper
43 100
58 57.4 45.2 67.8
57 20.9 16.1 24.1
100 12.2 9.7 14.5



#49
Dibromochloromethane
Concen: 53.490 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion:129 Resp: 230538
Ion Ratio Lower Upper
129 100
127 75.9 54.0 100.4

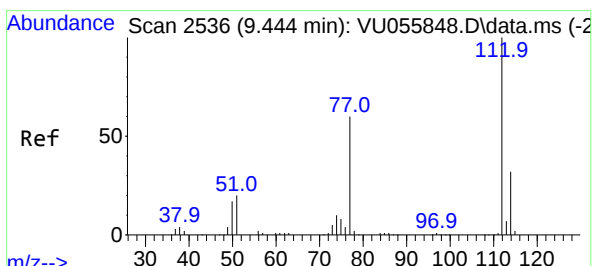
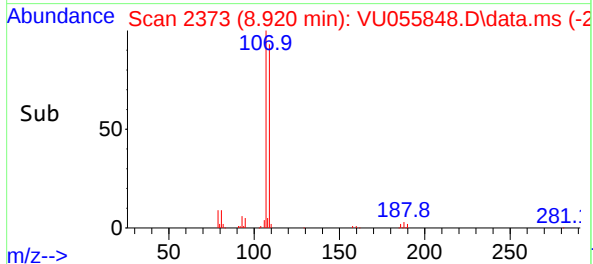
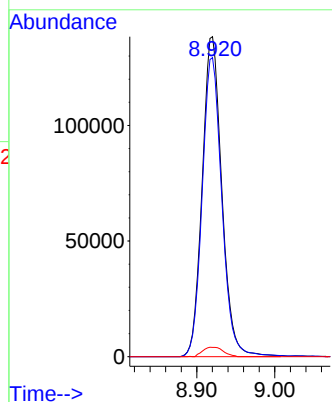
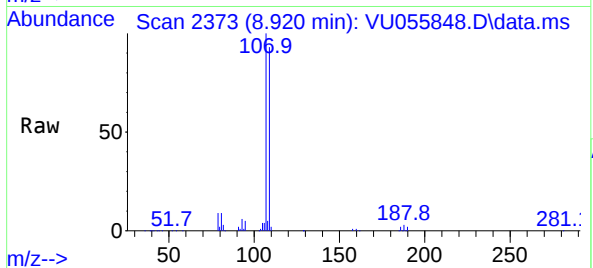




#50
1,2-Dibromoethane
Concen: 53.418 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

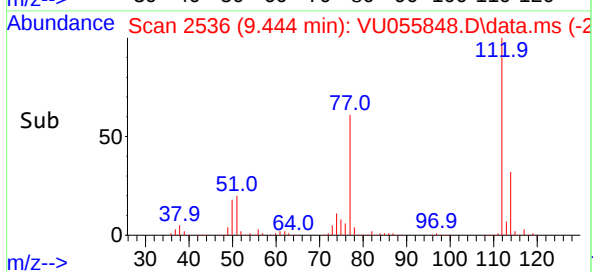
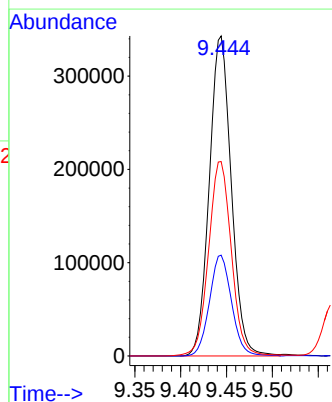
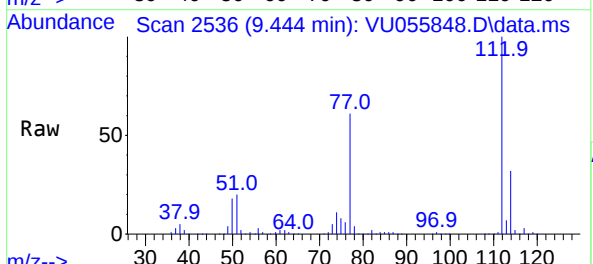
Instrument :
MSVOA_U
ClientSampleId :

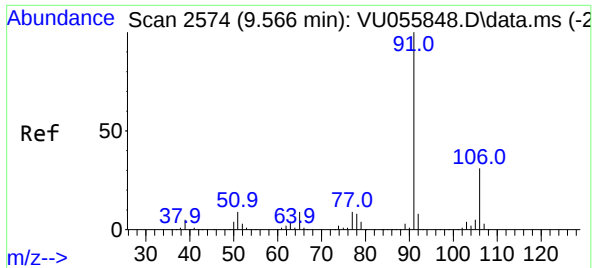
Tgt Ion:107 Resp: 242013
Ion Ratio Lower Upper
107 100
109 93.4 66.7 123.9
188 3.0 2.6 4.0



#51
Chlorobenzene
Concen: 53.940 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion:112 Resp: 572069
Ion Ratio Lower Upper
112 100
114 31.5 22.0 40.8
77 60.8 49.0 73.6

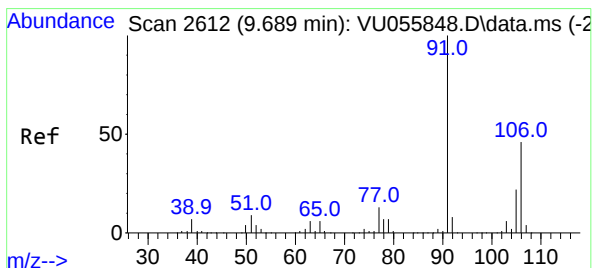
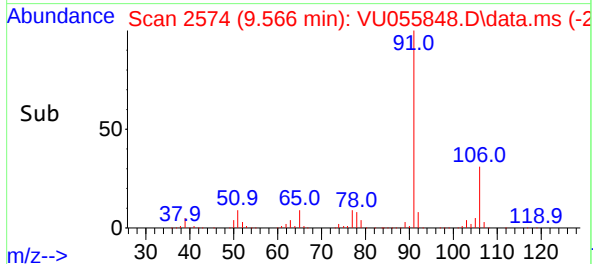
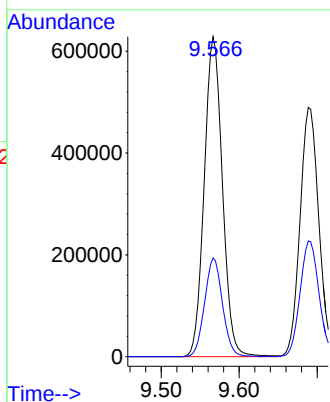
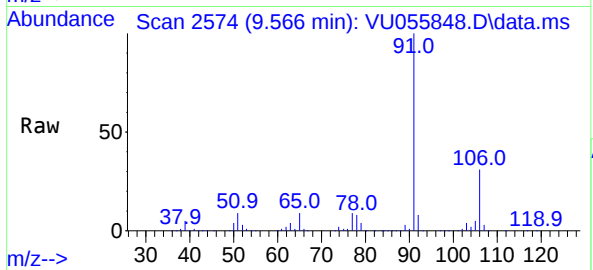




#52
Ethylbenzene
Concen: 56.838 ug/L
RT: 9.566 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

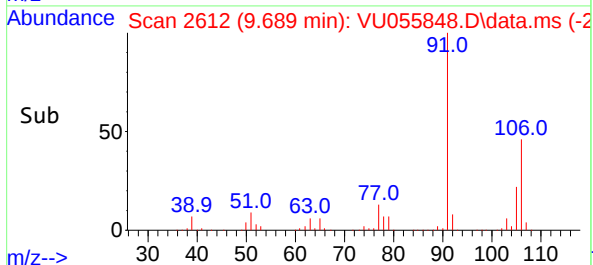
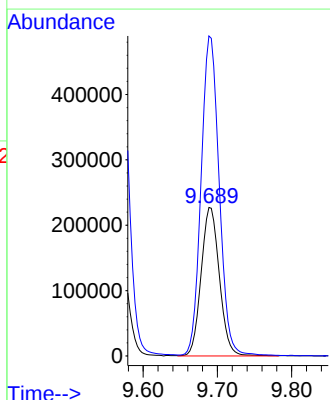
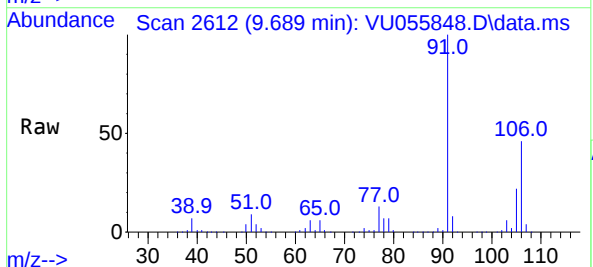
Instrument :
MSVOA_U
ClientSampleId :

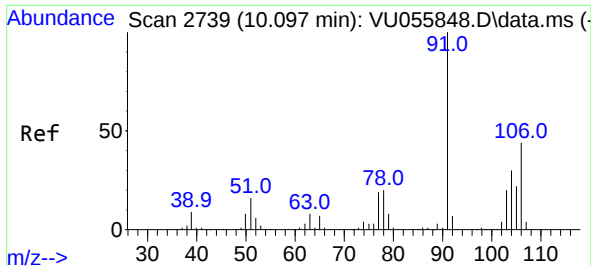
Tgt Ion: 91 Resp: 1018603
Ion Ratio Lower Upper
91 100
106 30.9 21.2 39.4



#53
m,p-Xylene
Concen: 57.701 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion: 106 Resp: 387402
Ion Ratio Lower Upper
106 100
91 215.4 143.8 267.0

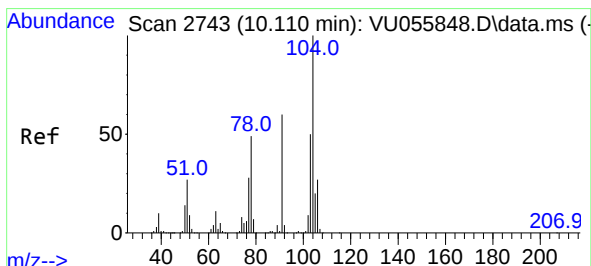
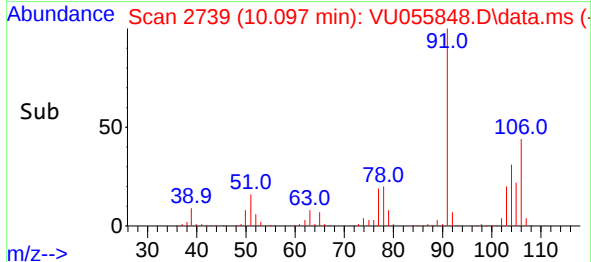
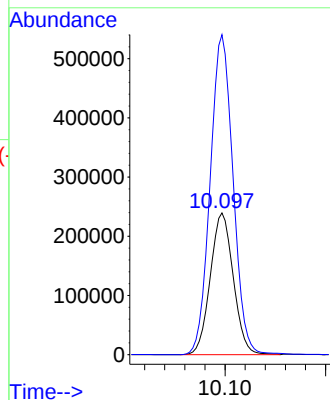
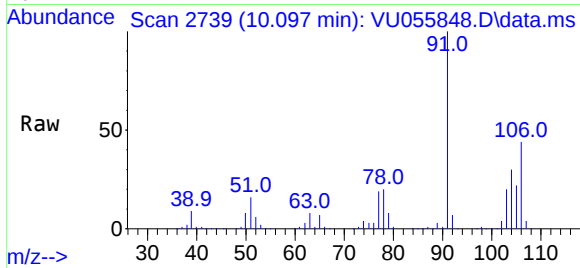




#54
o-Xylene
Concen: 58.490 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

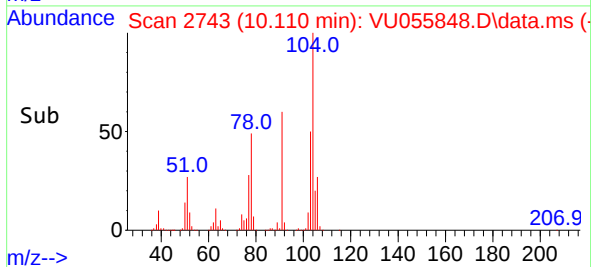
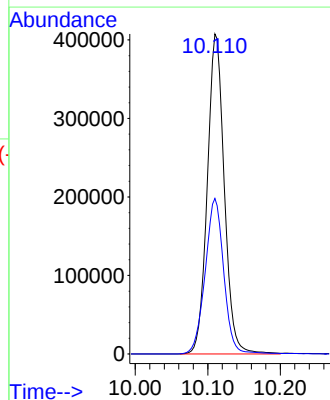
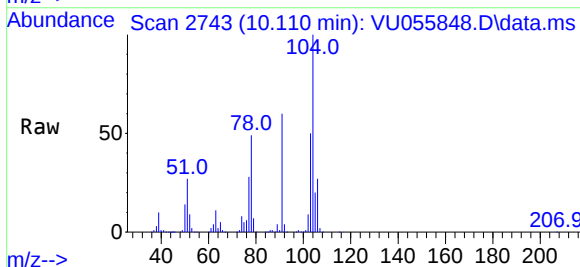
Instrument :
MSVOA_U
ClientSampleId :

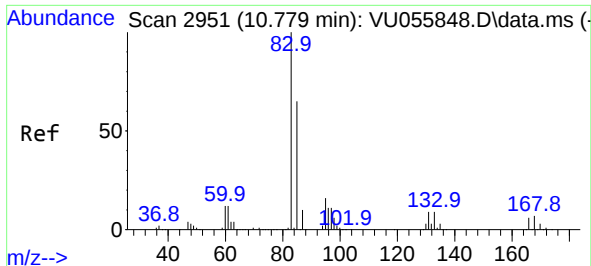
Tgt Ion:106 Resp: 380013
Ion Ratio Lower Upper
106 100
91 225.6 151.8 282.0



#55
Styrene
Concen: 60.347 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion:104 Resp: 664195
Ion Ratio Lower Upper
104 100
78 48.6 33.6 62.4

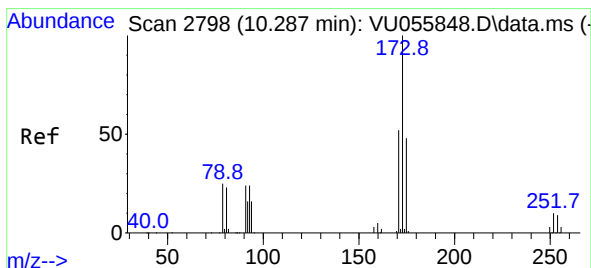
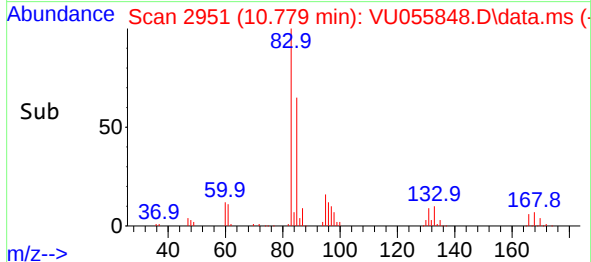
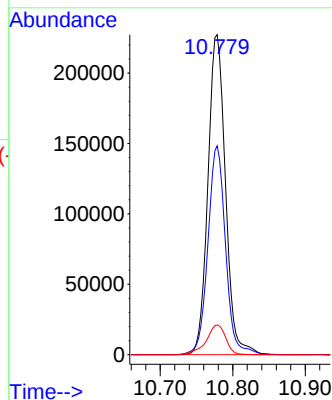
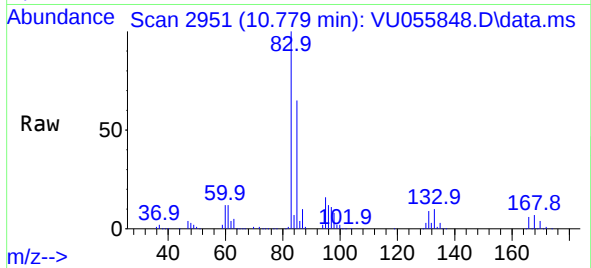




#57
1,1,2,2-Tetrachloroethane
Concen: 53.022 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

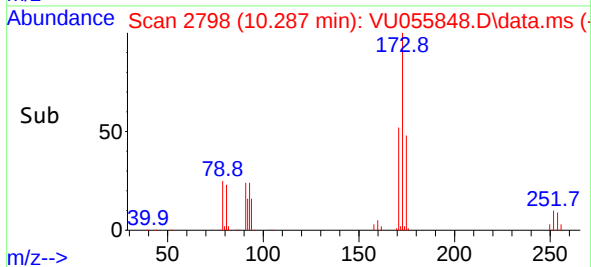
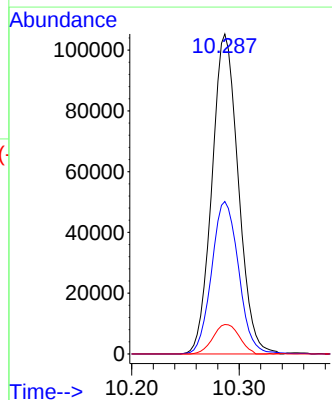
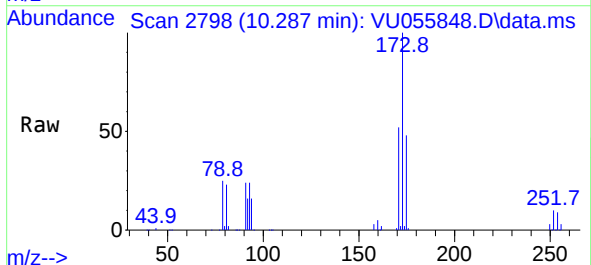
Instrument :
MSVOA_U
ClientSampleId :

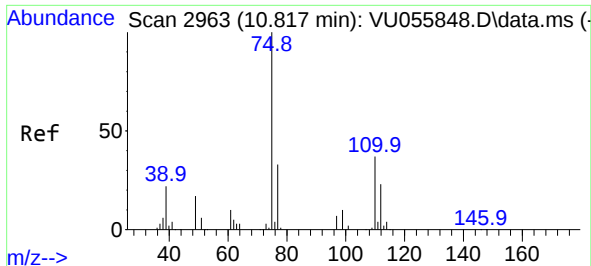
Tgt Ion: 83 Resp: 382949
Ion Ratio Lower Upper
83 100
85 65.2 44.9 83.5
131 9.3 7.3 10.9



#59
Bromoform
Concen: 51.948 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion:173 Resp: 179182
Ion Ratio Lower Upper
173 100
175 48.9 40.4 60.6
254 9.2 7.3 10.9

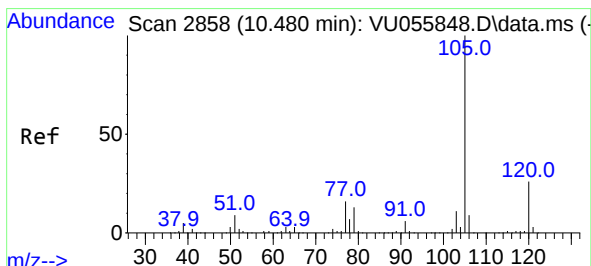
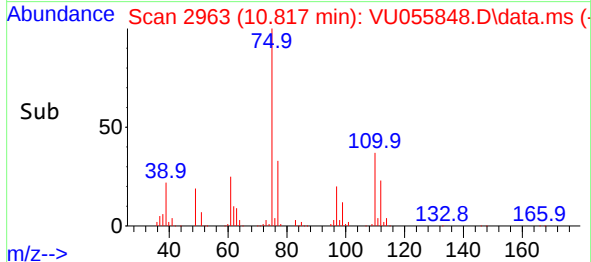
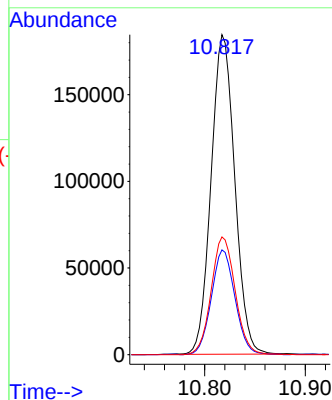
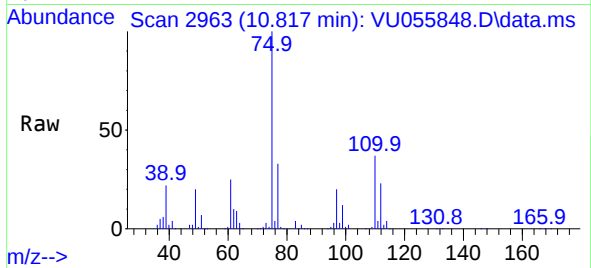




#60
1,2,3-Trichloropropane
Concen: 49.615 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

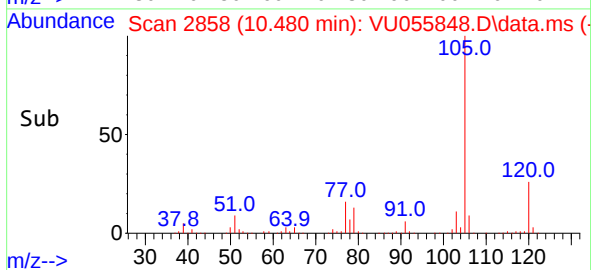
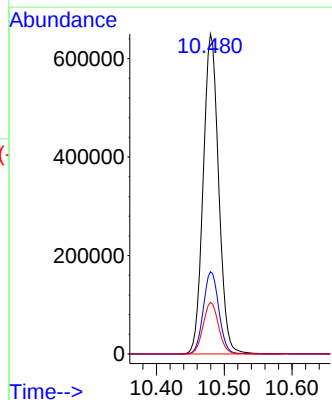
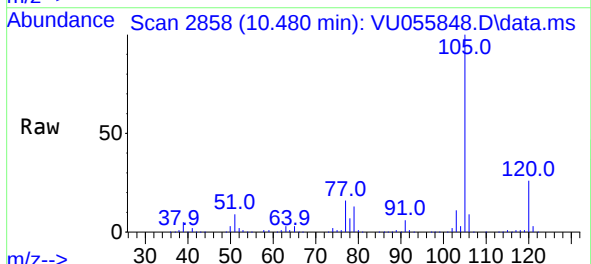
Instrument :
MSVOA_U
ClientSampleId :

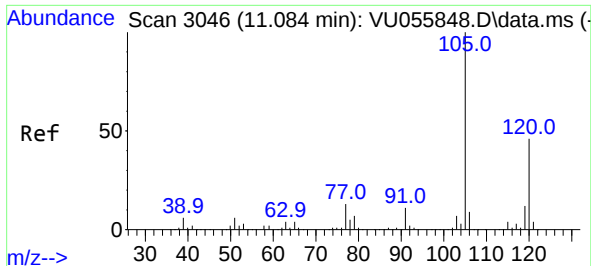
Tgt Ion: 75 Resp: 301716
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
110 37.4 28.5 42.7



#61
Isopropylbenzene
Concen: 58.924 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion: 105 Resp: 1029268
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 16.1 13.4 20.0

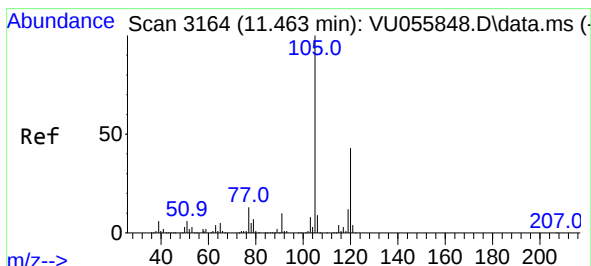
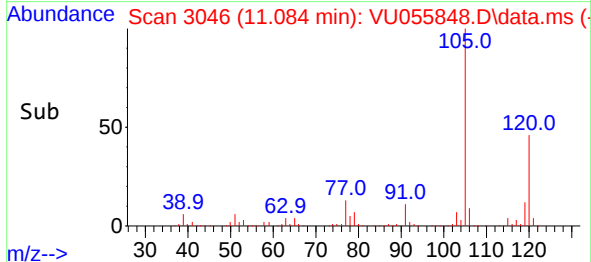
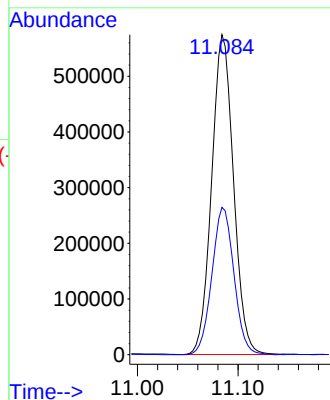
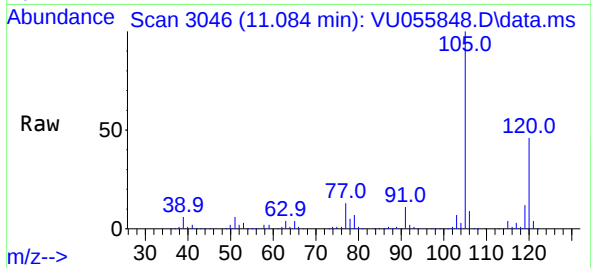




#62
1,3,5-Trimethylbenzene
Concen: 61.361 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

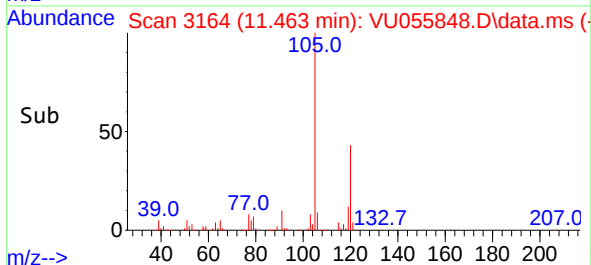
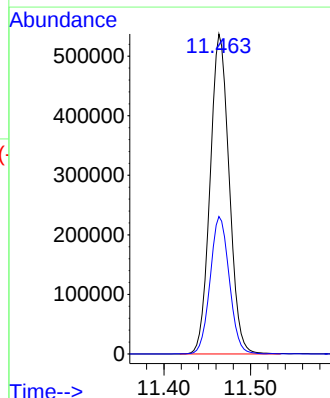
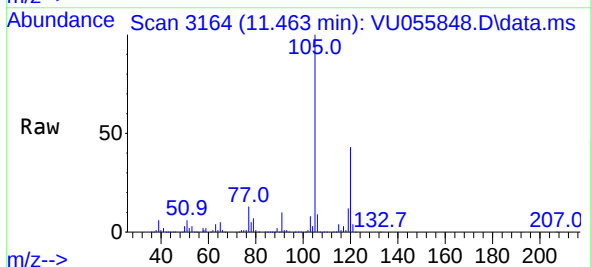
Instrument :
MSVOA_U
ClientSampleId :

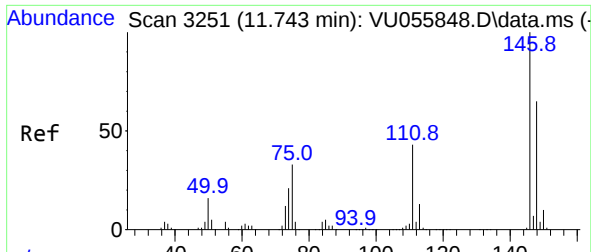
Tgt Ion:105 Resp: 867287
Ion Ratio Lower Upper
105 100
120 46.5 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 58.783 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion:105 Resp: 821572
Ion Ratio Lower Upper
105 100
120 43.1 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 57.141 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.000 min

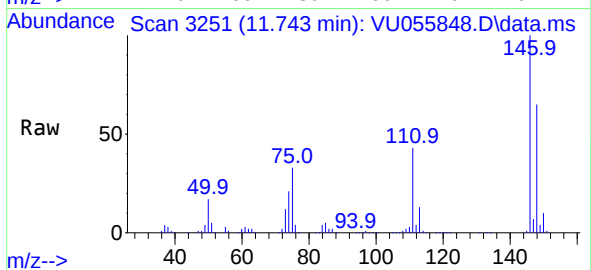
Lab File: VU055848.D

Acq: 23 Oct 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :



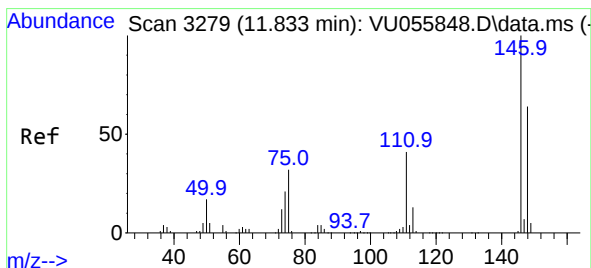
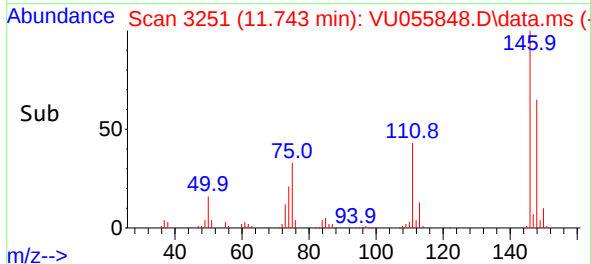
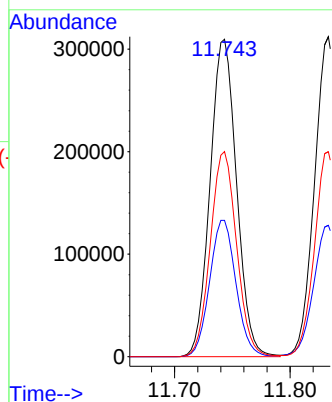
Tgt Ion:146 Resp: 493414

Ion Ratio Lower Upper

146 100

111 42.9 29.7 55.1

148 64.6 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 55.771 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU055848.D

Acq: 23 Oct 2023 10:05

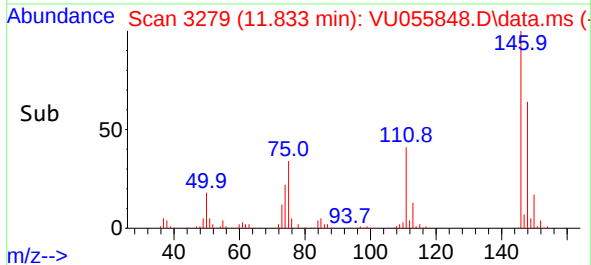
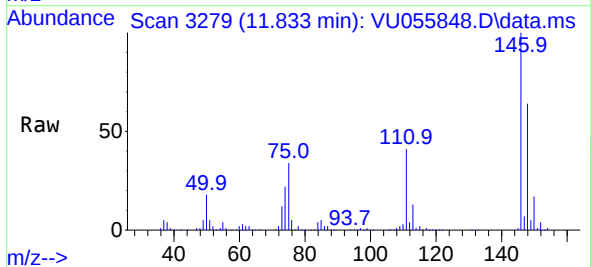
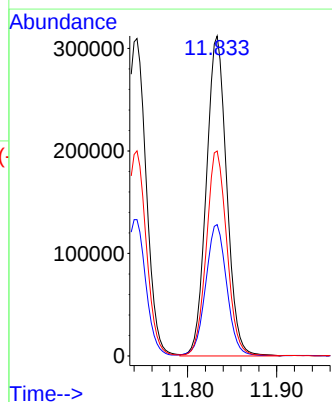
Tgt Ion:146 Resp: 495132

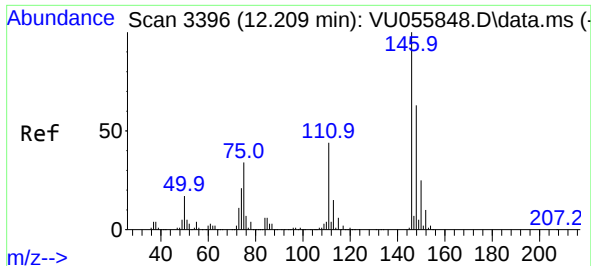
Ion Ratio Lower Upper

146 100

111 41.0 28.6 53.0

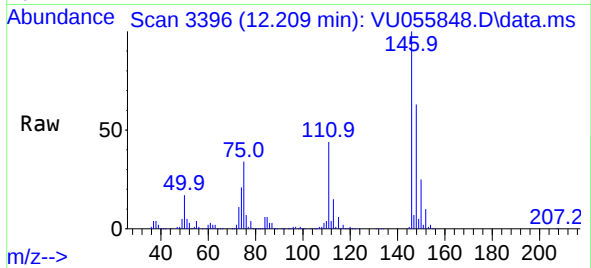
148 64.1 44.2 82.0



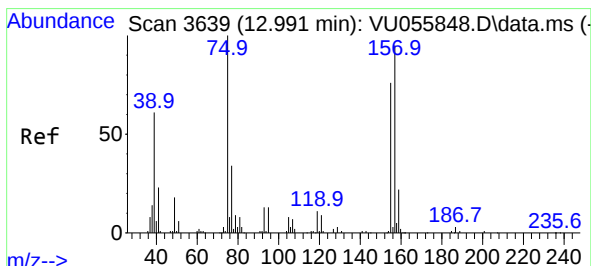
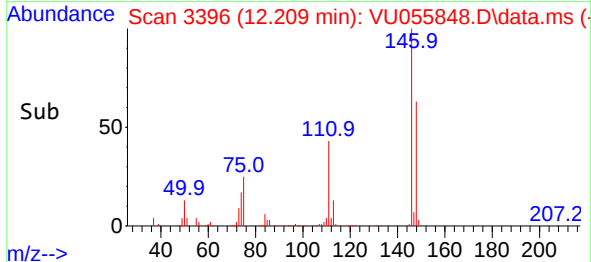
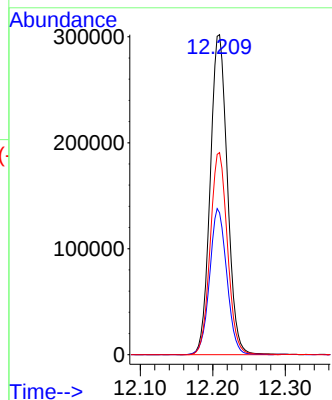


#67
1,2-Dichlorobenzene
Concen: 57.961 ug/L
RT: 12.209 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :

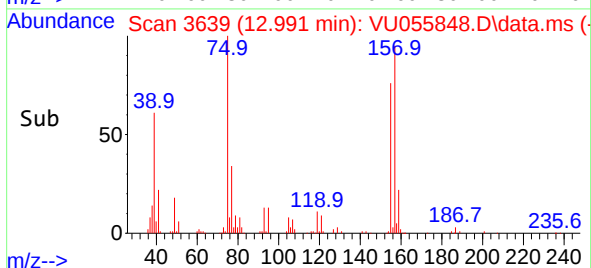
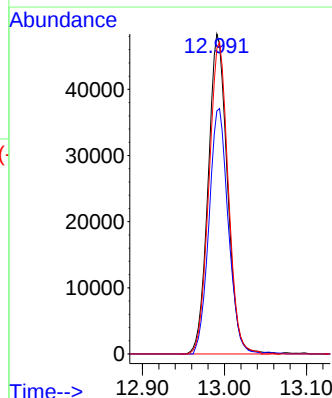
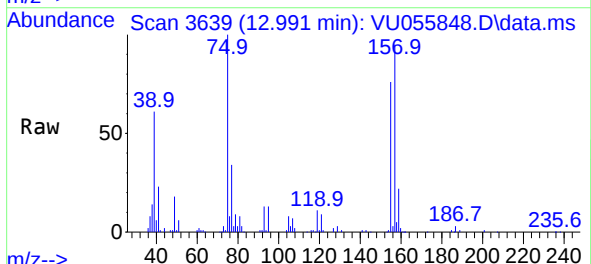


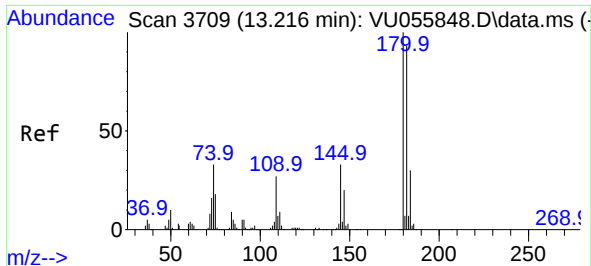
Tgt Ion:146 Resp: 496682
Ion Ratio Lower Upper
146 100
111 44.3 35.2 52.8
148 63.1 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 43.314 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

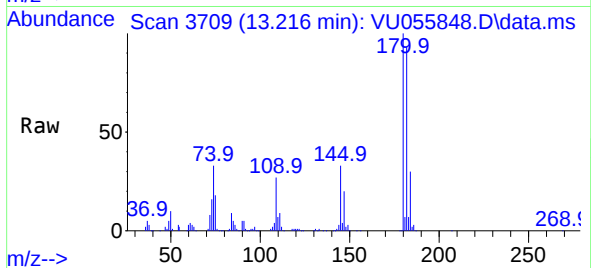
Tgt Ion: 75 Resp: 78746
Ion Ratio Lower Upper
75 100
155 76.0 59.6 89.4
157 100.4 77.7 116.5



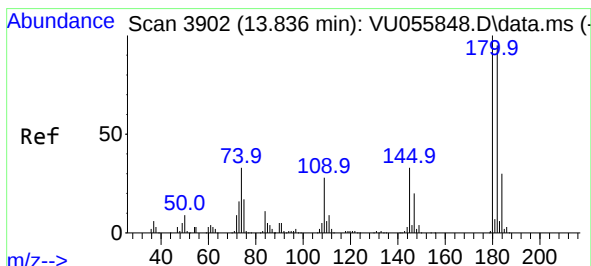
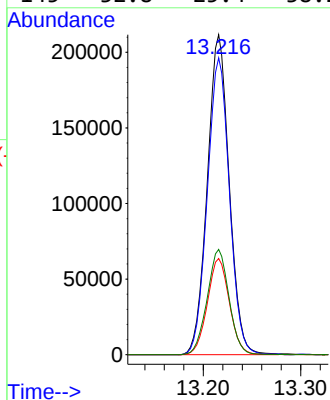
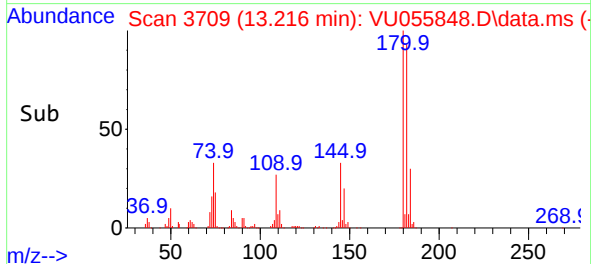


#69
 1,3,5-Trichlorobenzene
 Concen: 57.391 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU055848.D
 Acq: 23 Oct 2023 10:05

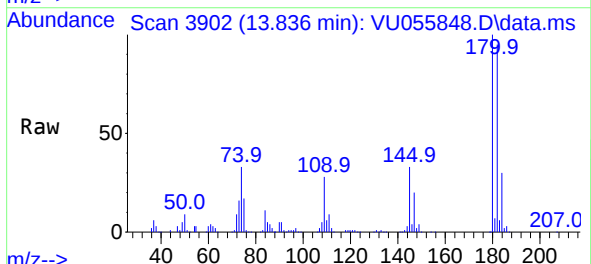
Instrument :
 MSVOA_U
 ClientSampleId :



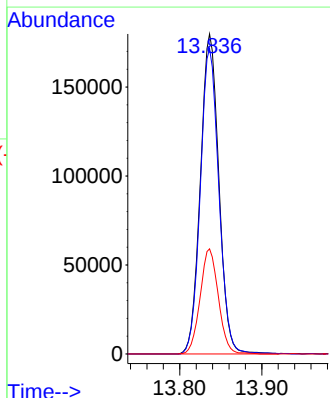
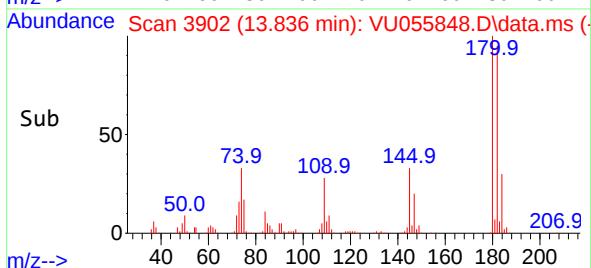
Tgt Ion:180 Resp: 330559
 Ion Ratio Lower Upper
 180 100
 182 93.4 76.2 114.2
 184 30.2 23.9 35.9
 145 32.8 25.4 38.2

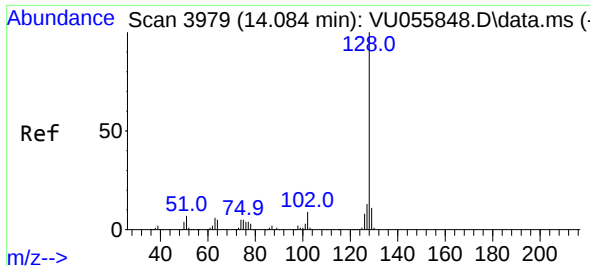


#70
 1,2,4-trichlorobenzene
 Concen: 58.651 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.003 min
 Lab File: VU055848.D
 Acq: 23 Oct 2023 10:05



Tgt Ion:180 Resp: 281385
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.4 113.2
 145 32.3 26.1 39.1

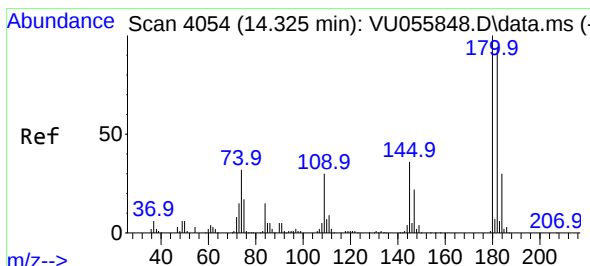
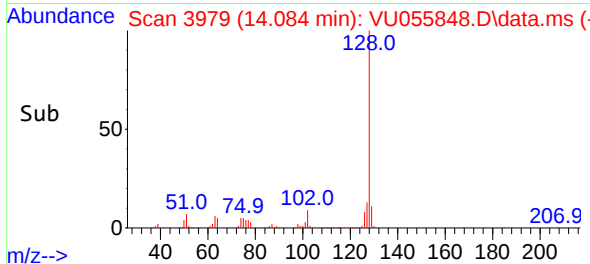
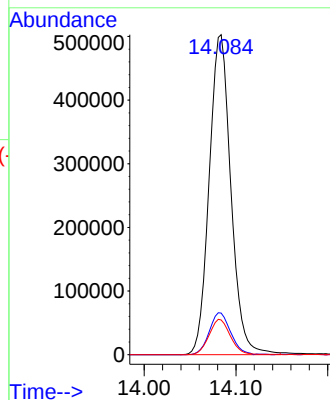
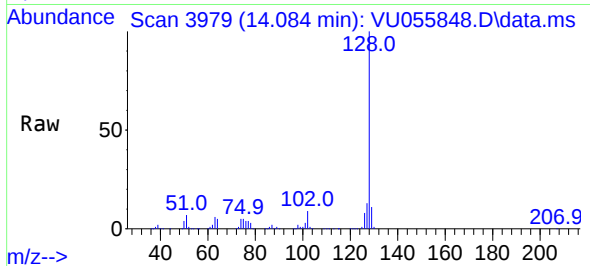




#71
Naphthalene
Concen: 57.971 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 826167
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 58.122 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VU055848.D
Acq: 23 Oct 2023 10:05

Tgt Ion:180 Resp: 274925
Ion Ratio Lower Upper
180 100
182 95.6 78.1 117.1
145 35.5 27.4 41.0

