

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052289.D
 Acq On : 09 Dec 2022 09:35
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 23:10:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	272169	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	266668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	137131	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	112863	4.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.916	69	93965	4.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.568	65	44912	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	4.636	46	251245	52.356	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.720%
24) Chloroform-d	5.063	84	193282	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.700	65	94511	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.726	84	399716	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.687	67	124000	5.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.896	98	370357	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.179	79	43688	4.893	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.632	63	192369	50.841	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.680%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	107043	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	123437	4.702	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	110494	4.681	ug/L	100
3) Chloromethane	1.520	50	142099	4.613	ug/L	99
5) Vinyl chloride	1.607	62	141281	4.773	ug/L	98
6) Bromomethane	1.861	94	55140	3.630	ug/L	99
8) Chloroethane	1.938	64	82474	4.481	ug/L	91
9) Trichlorofluoromethane	2.141	101	161368	4.956	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	101342	5.090	ug/L	99
12) 1,1-Dichloroethene	2.581	96	97219	4.924	ug/L	95
13) Acetone	2.655	43	180072	55.260	ug/L	99
14) Carbon disulfide	2.797	76	319245	4.671	ug/L	99
15) Methyl Acetate	2.957	43	41518	4.912	ug/L	99
16) Methylene chloride	3.047	84	124243	4.651	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	200204	4.530	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	100917	4.768	ug/L	97
19) 1,1-Dichloroethane	3.867	63	187728	4.921	ug/L	99
21) 2-Butanone	4.716	43	280134	53.636	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	108591	4.889	ug/L	95
23) Bromochloromethane	4.973	128	54179	5.098	ug/L	91
25) Chloroform	5.086	83	193094	4.996	ug/L	97

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 23:10:20 2022
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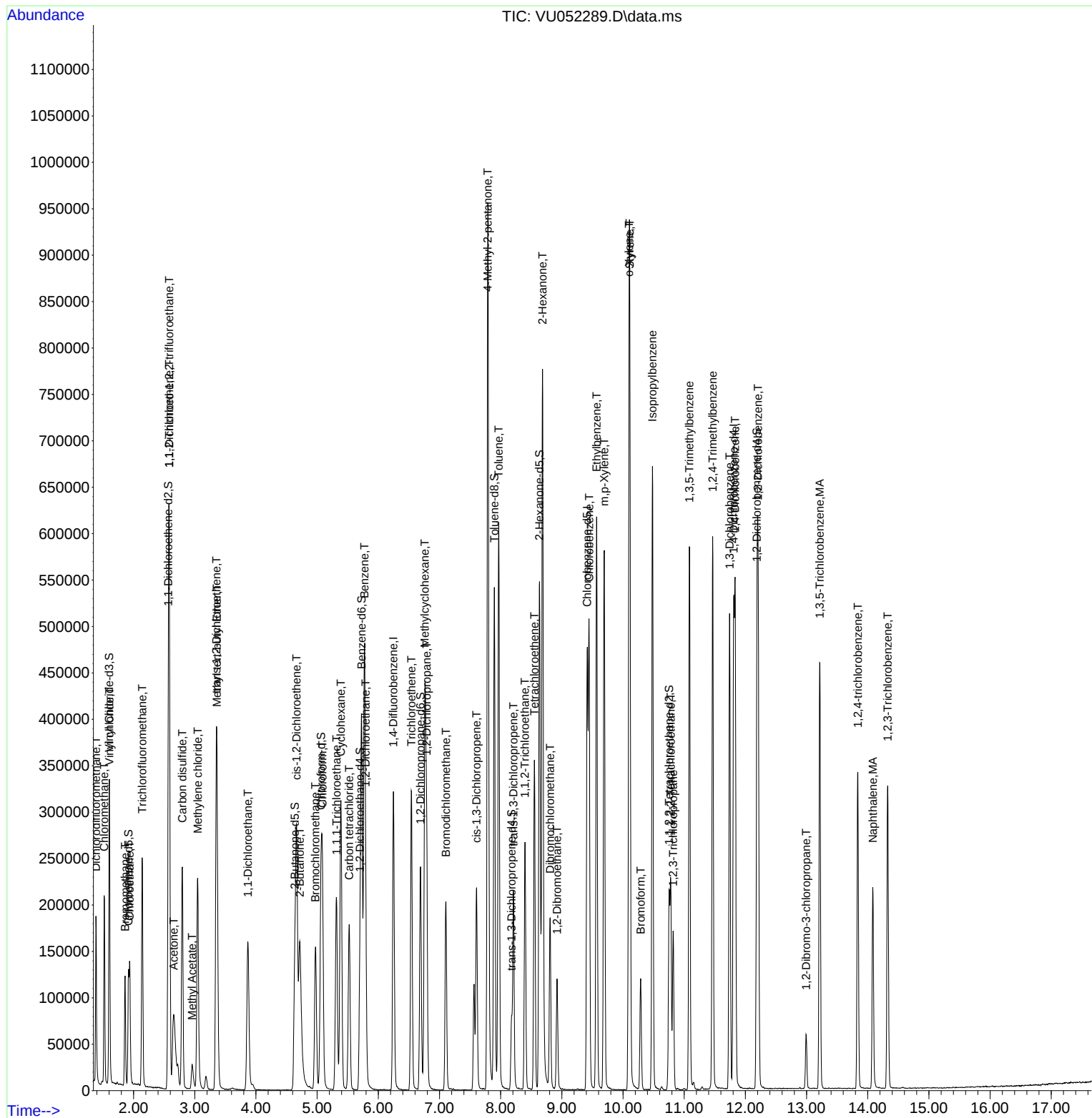
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	119793	5.060	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	149490	5.053	ug/L	99
30) Cyclohexane	5.388	56	146069	5.085	ug/L	97
31) Carbon tetrachloride	5.523	117	124791	4.964	ug/L	99
33) Benzene	5.774	78	439433	5.063	ug/L	100
34) Trichloroethene	6.539	95	112610	5.202	ug/L	97
35) Methylcyclohexane	6.761	83	159378	5.118	ug/L	99
37) 1,2-Dichloropropane	6.790	63	115945	5.160	ug/L	99
38) Bromodichloromethane	7.105	83	135447	4.944	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	135424	4.694	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	627049	53.423	ug/L	99
42) Toluene	7.967	91	466671	5.228	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	119849	4.851	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	85894	5.087	ug/L	99
47) Tetrachloroethene	8.552	164	81478	4.911	ug/L	99
48) 2-Hexanone	8.684	43	481371	55.941	ug/L	99
49) Dibromochloromethane	8.809	129	97219	5.141	ug/L	98
50) 1,2-Dibromoethane	8.922	107	80115	5.209	ug/L	97
51) Chlorobenzene	9.446	112	281546	4.947	ug/L	100
52) Ethylbenzene	9.568	91	432691	4.986	ug/L	99
53) m,p-Xylene	9.693	106	173255	5.155	ug/L	97
54) o-Xylene	10.099	106	165809	5.148	ug/L	97
55) Styrene	10.111	104	292533	5.377	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	110771	5.252	ug/L	98
59) Bromoform	10.288	173	54413	4.818	ug/L	96
60) Isopropylbenzene	10.481	105	425796	4.943	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	74746	4.762	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	317326	4.608	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	323053	4.727	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	215694	4.904	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	213532	4.868	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	206988	4.887	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	16449	4.789	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	149035	4.779	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	109811	4.624	ug/L	100
71) Naphthalene	14.082	128	182872	4.101	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	107234	4.589	ug/L	99

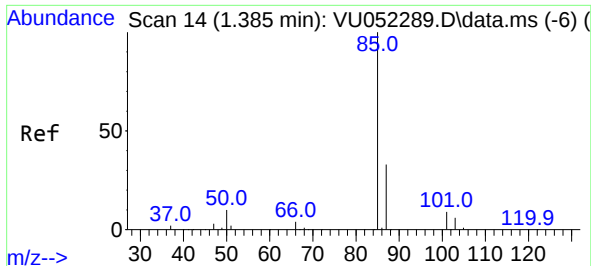
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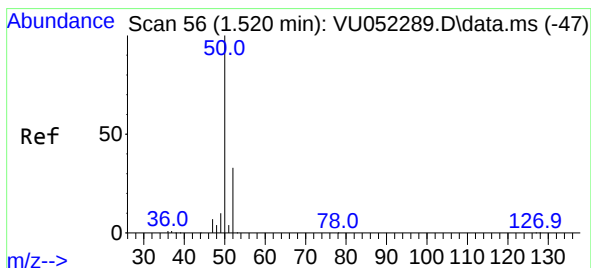
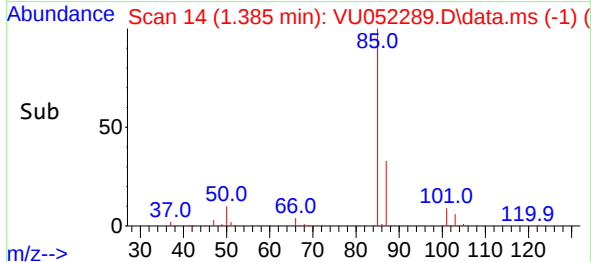
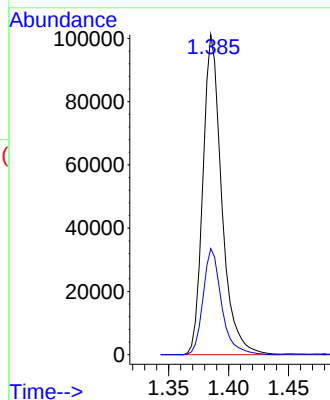
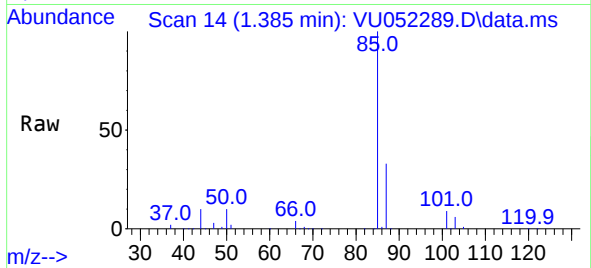




#2
Dichlorodifluoromethane
Concen: 4.681 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

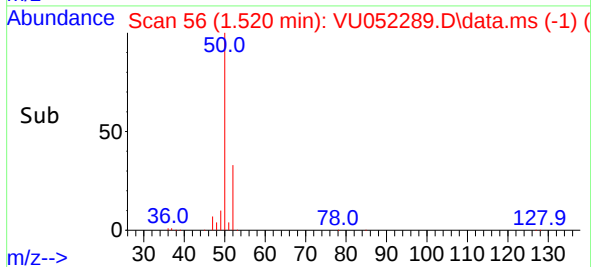
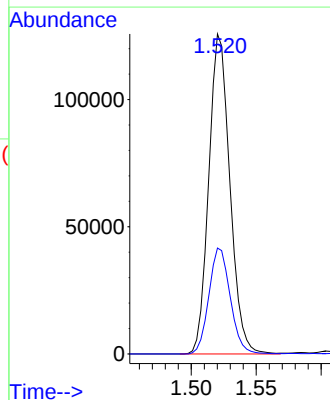
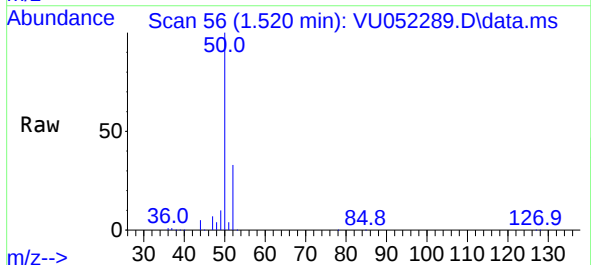
Instrument :
MSVOA_U
ClientSampleId :

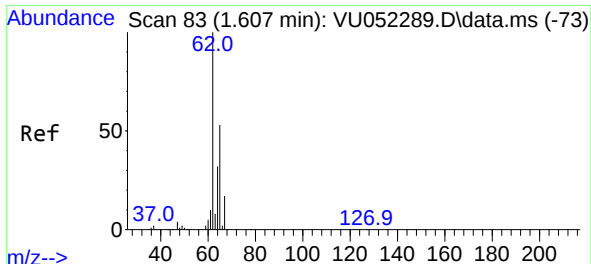
Tgt Ion: 85 Resp: 110494
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.8



#3
Chloromethane
Concen: 4.613 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion: 50 Resp: 142099
Ion Ratio Lower Upper
50 100
52 33.1 23.4 43.4

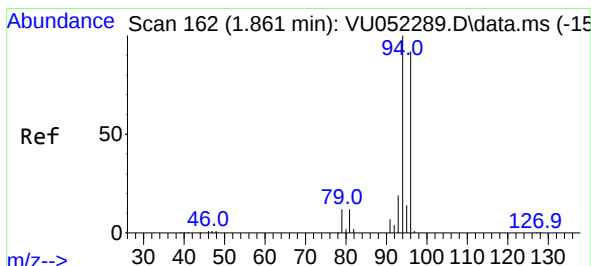
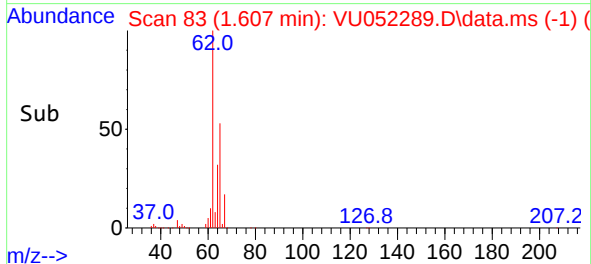
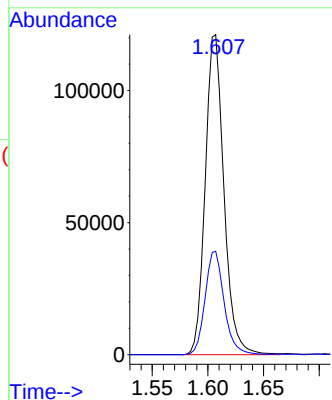
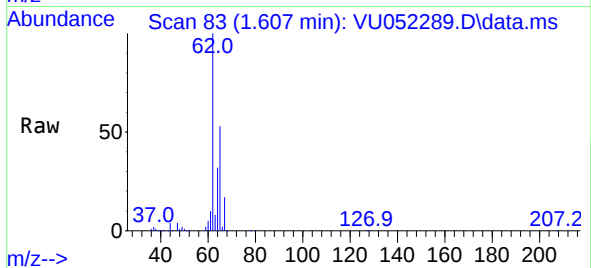




#5
 Vinyl chloride
 Concen: 4.773 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VU052289.D
 Acq: 09 Dec 2022 09:35

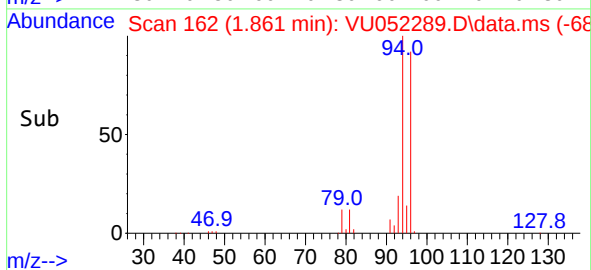
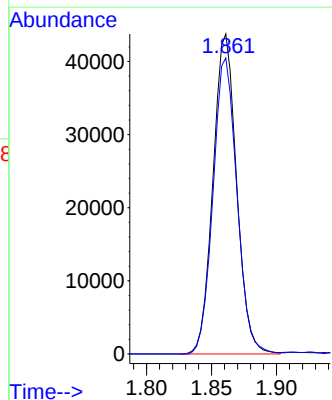
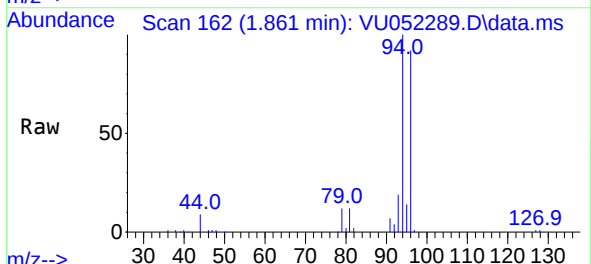
Instrument :
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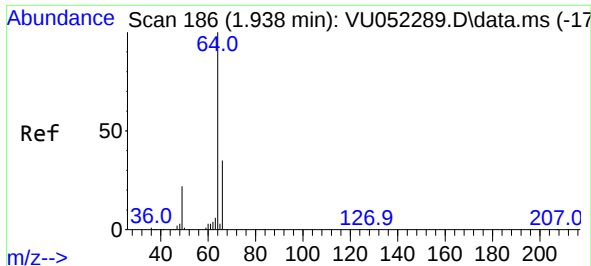
Tgt Ion: 62 Resp: 141281
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.5 43.7



#6
 Bromomethane
 Concen: 3.630 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VU052289.D
 Acq: 09 Dec 2022 09:35

Tgt Ion: 94 Resp: 55140
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.7 122.1

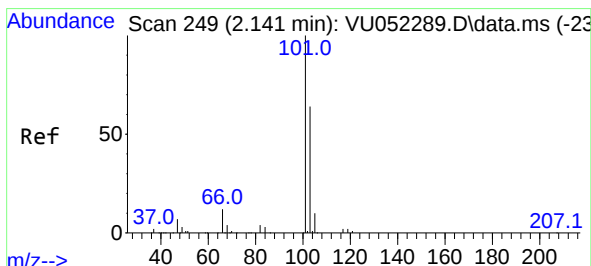
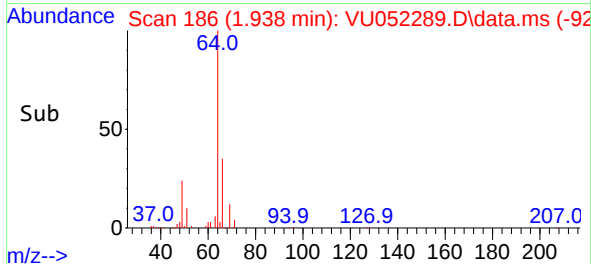
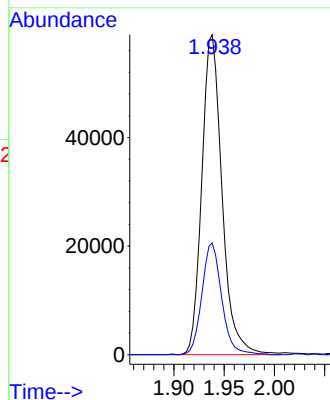
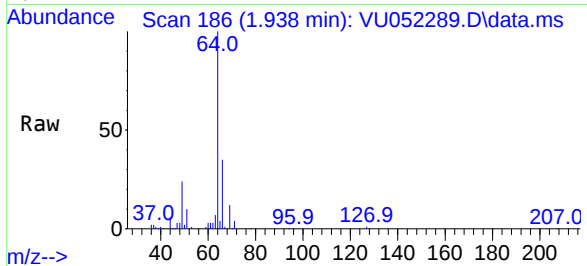




#8
Chloroethane
Concen: 4.481 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

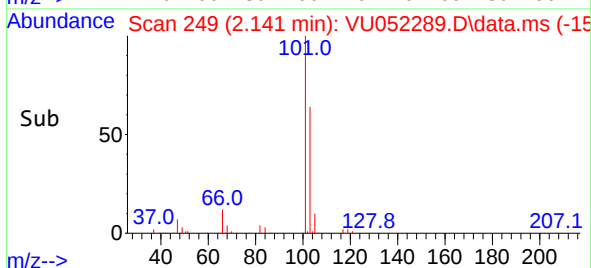
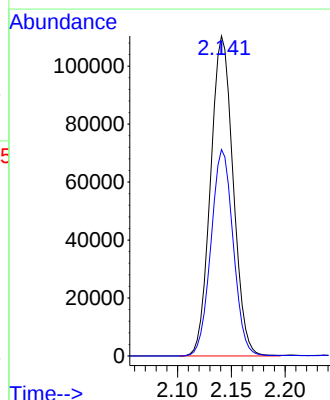
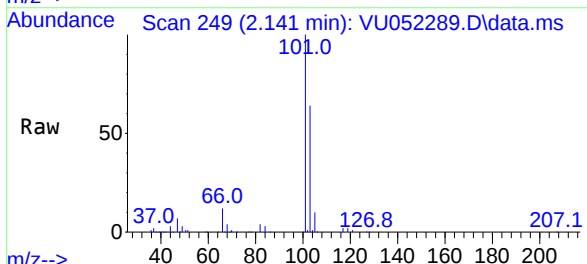
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ClientSampleId :

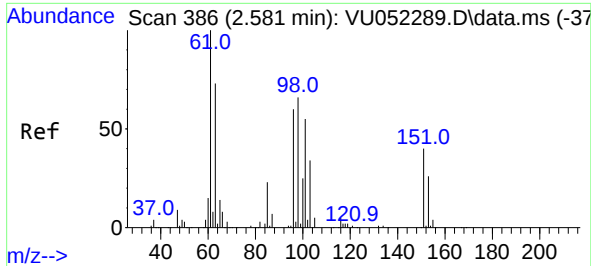
Tgt Ion: 64 Resp: 82474
Ion Ratio Lower Upper
64 100
66 34.9 21.1 39.1



#9
Trichlorofluoromethane
Concen: 4.956 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion:101 Resp: 161368
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4

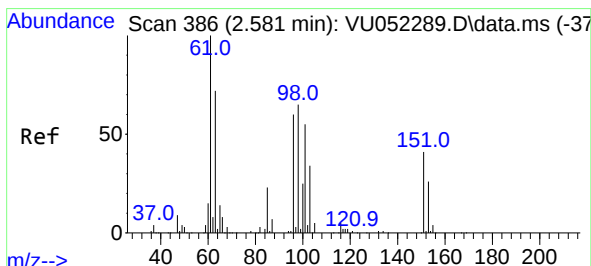
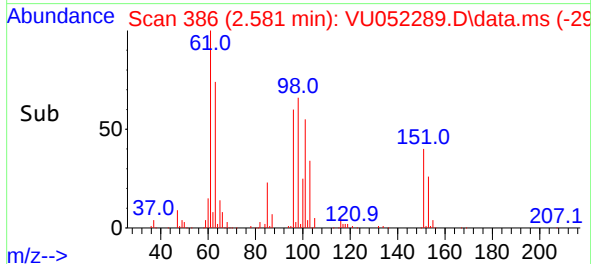
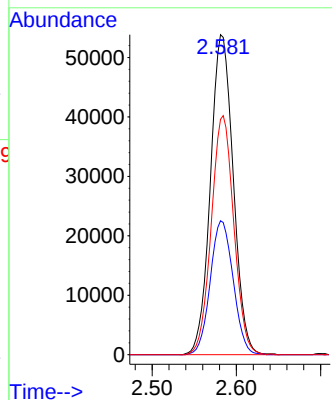
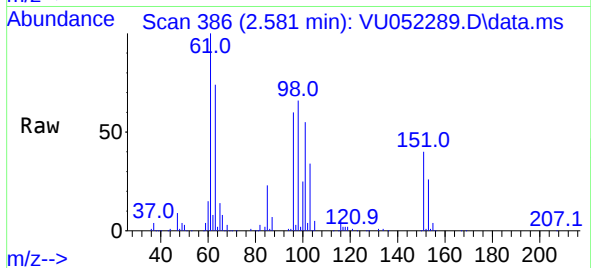




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.090 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

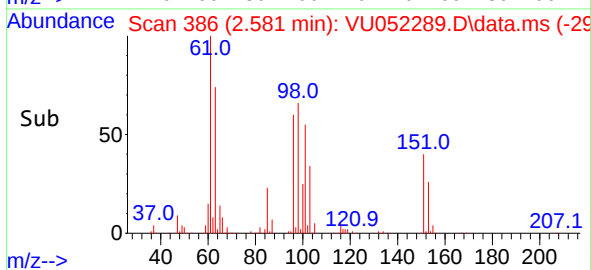
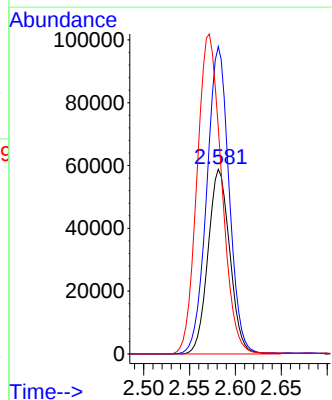
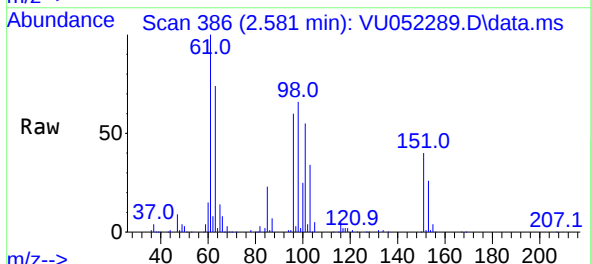
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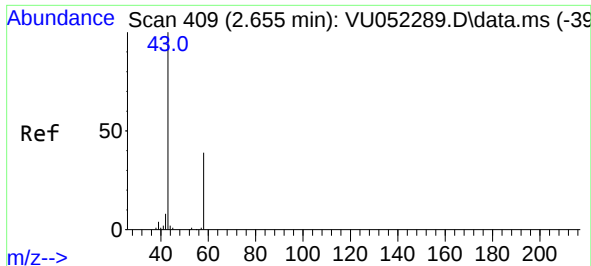
Tgt Ion:101 Resp: 101342
Ion Ratio Lower Upper
101 100
85 42.0 33.8 50.6
151 73.8 58.6 88.0



#12
1,1-Dichloroethene
Concen: 4.924 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion: 96 Resp: 97219
Ion Ratio Lower Upper
96 100
61 166.5 114.8 213.2
63 122.8 93.7 174.1





#13

Acetone

Concen: 55.260 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.010 min

Lab File: VU052289.D

Acq: 09 Dec 2022 09:35

Instrument :

MSVOA_U

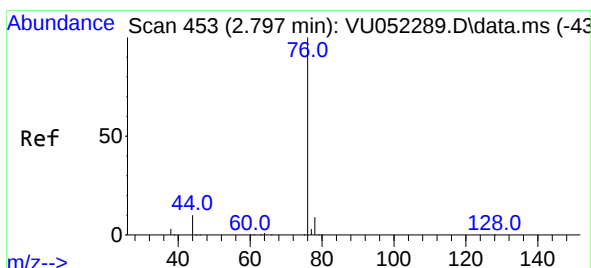
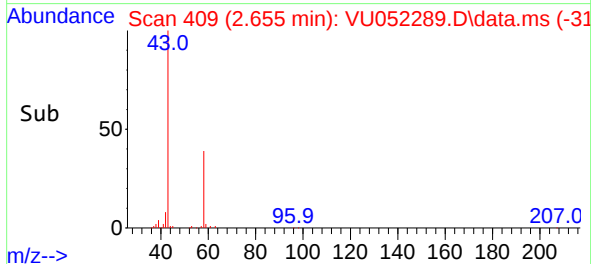
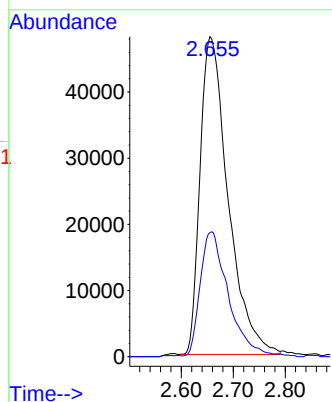
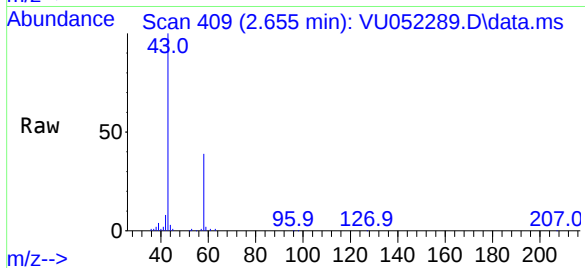
ClientSampleId :

Tgt Ion: 43 Resp: 180072

Ion Ratio Lower Upper

43 100

58 38.7 0.0 76.0



#14

Carbon disulfide

Concen: 4.671 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.003 min

Lab File: VU052289.D

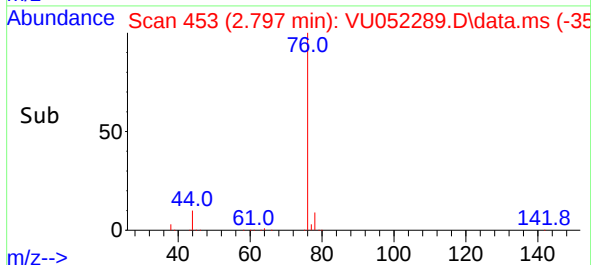
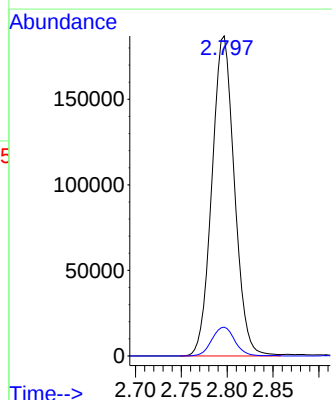
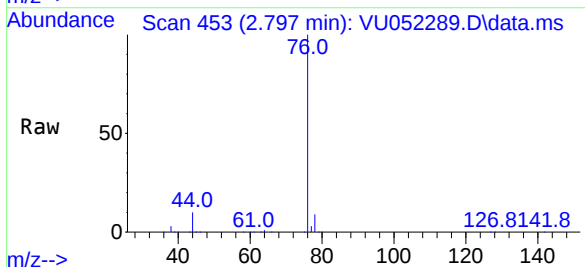
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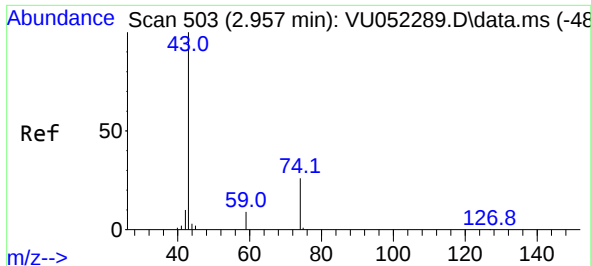
Tgt Ion: 76 Resp: 319245

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

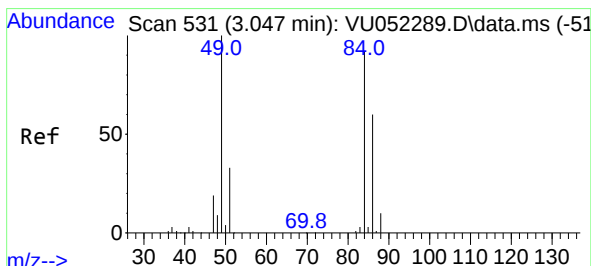
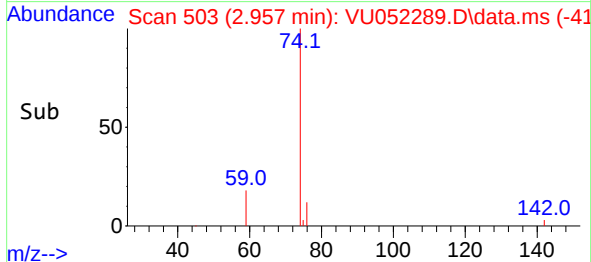
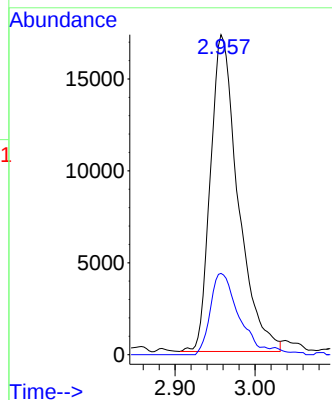
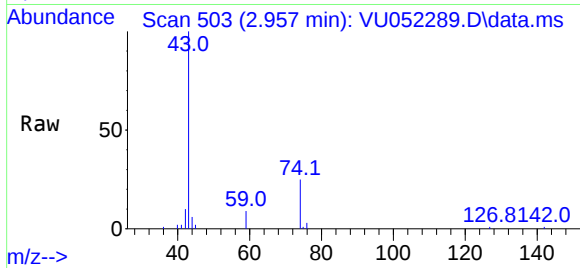




#15
Methyl Acetate
Concen: 4.912 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

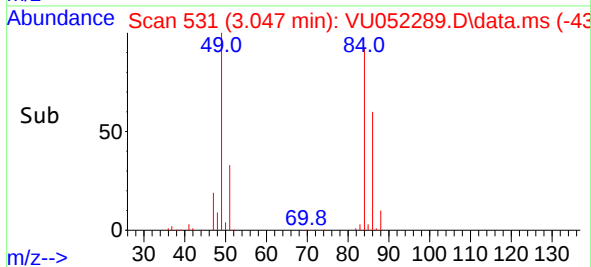
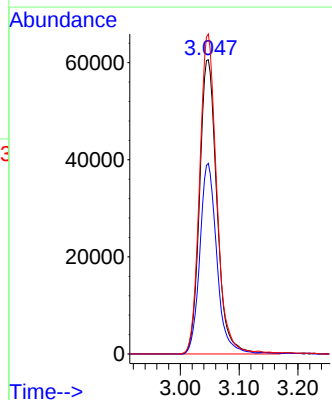
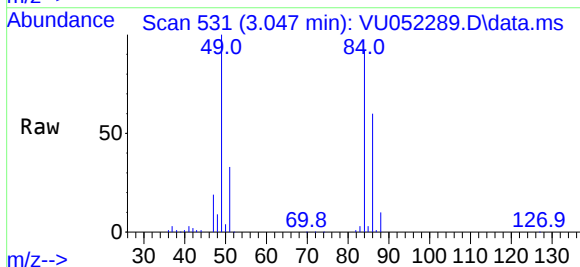
Instrument :
MSVOA_U
ClientSampleId :

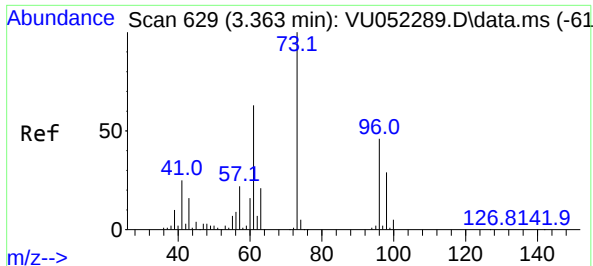
Tgt Ion: 43 Resp: 41518
Ion Ratio Lower Upper
43 100
74 26.1 21.3 31.9



#16
Methylene chloride
Concen: 4.651 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion: 84 Resp: 124243
Ion Ratio Lower Upper
84 100
86 64.8 43.8 81.4
49 108.8 75.9 141.1

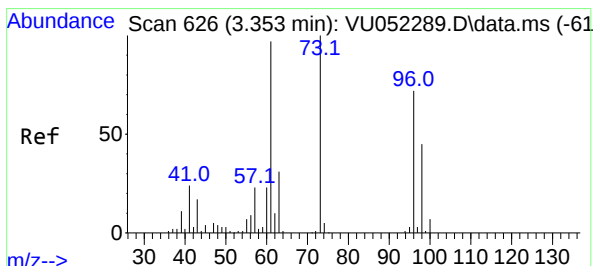
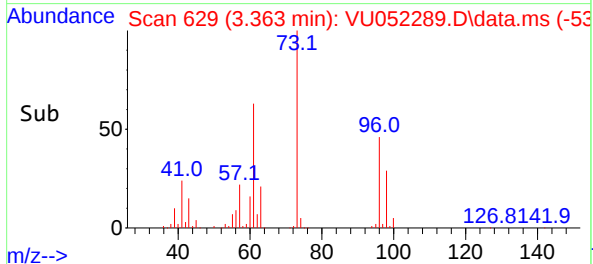
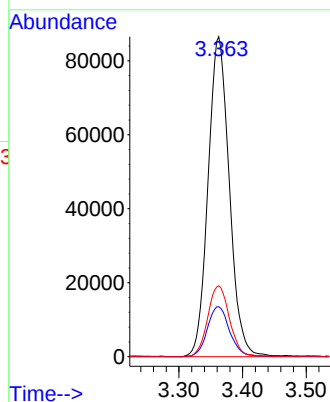
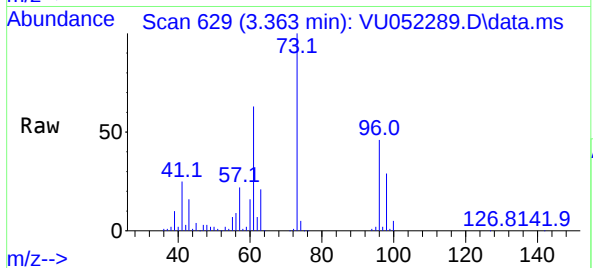




#17
Methyl tert-butyl Ether
Concen: 4.530 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

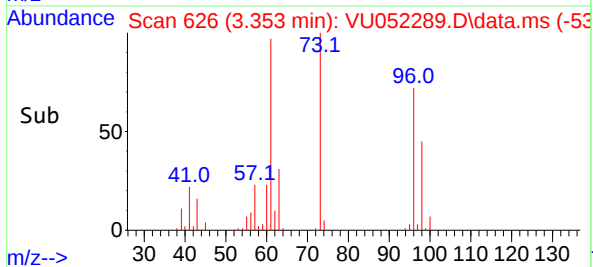
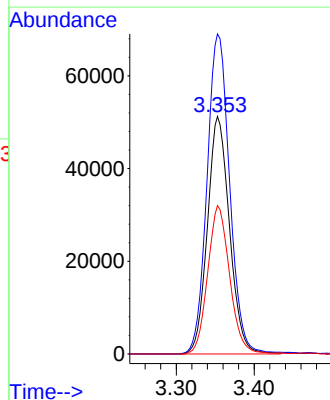
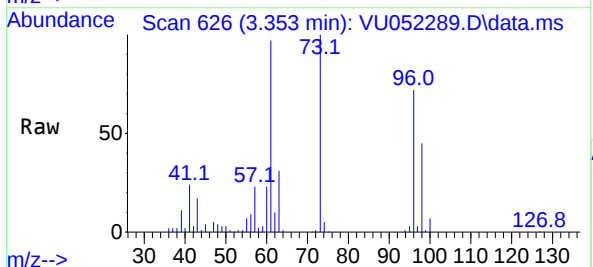
Instrument :
MSVOA_U
ClientSampleId :

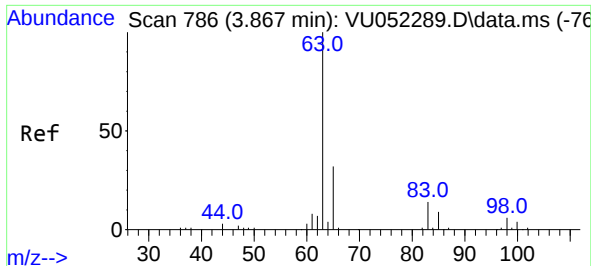
Tgt Ion: 73 Resp: 200204
Ion Ratio Lower Upper
73 100
43 16.4 13.2 19.8
57 22.8 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.768 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

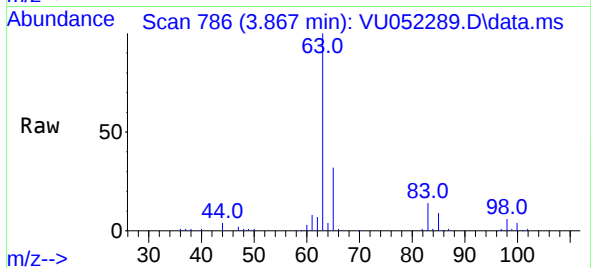
Tgt Ion: 96 Resp: 100917
Ion Ratio Lower Upper
96 100
61 134.7 97.9 181.7
98 62.4 43.8 81.3



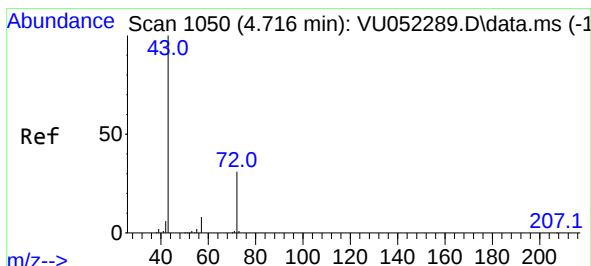
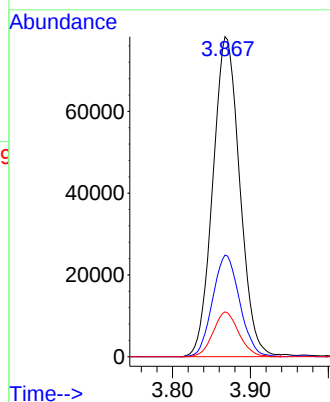
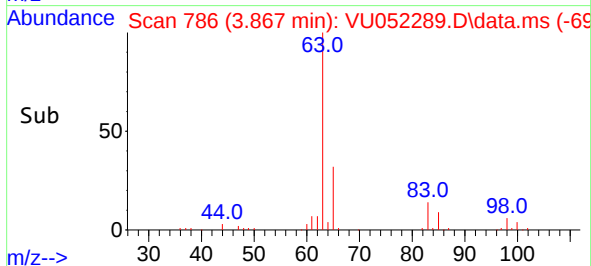


#19
1,1-Dichloroethane
Concen: 4.921 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Instrument :
MSVOA_U
ClientSampleId :

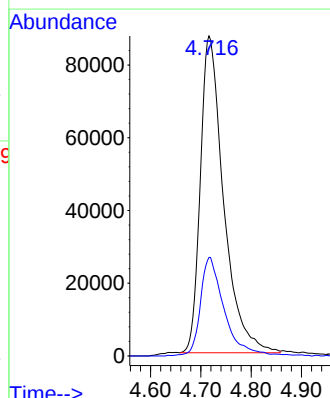
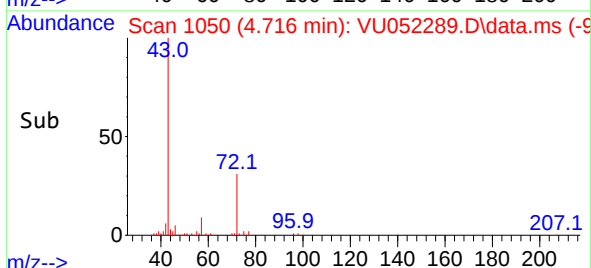
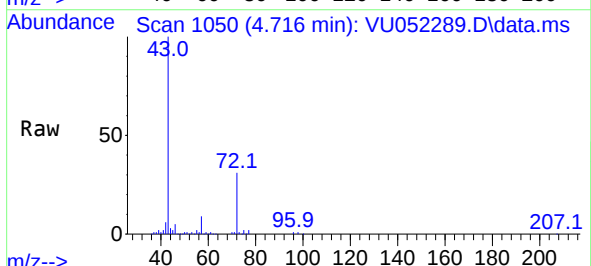


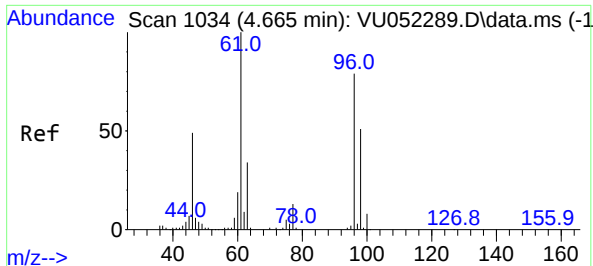
Tgt Ion: 63 Resp: 187728
Ion Ratio Lower Upper
63 100
65 31.7 22.2 41.2
83 14.0 9.2 17.0



#21
2-Butanone
Concen: 53.636 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

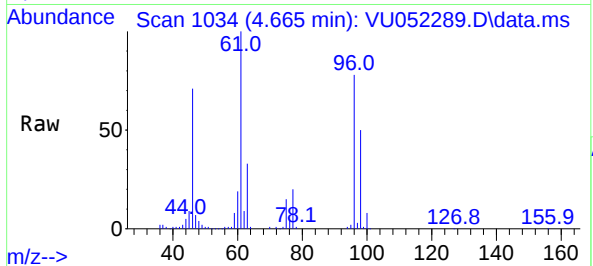
Tgt Ion: 43 Resp: 280134
Ion Ratio Lower Upper
43 100
72 31.0 15.6 46.8





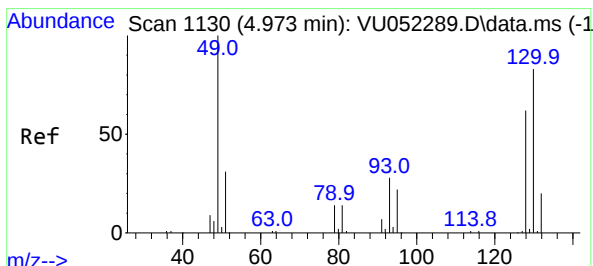
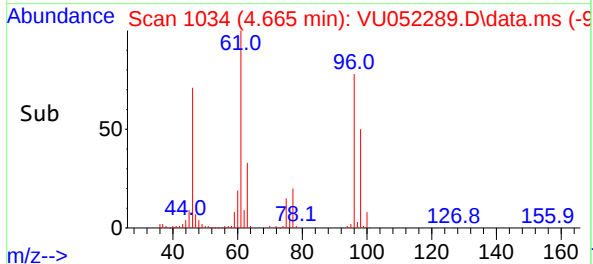
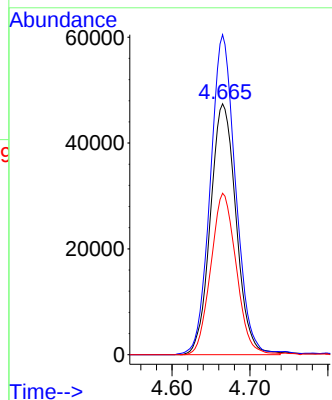
#22
 cis-1,2-Dichloroethene
 Concen: 4.889 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052289.D
 Acq: 09 Dec 2022 09:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 108591

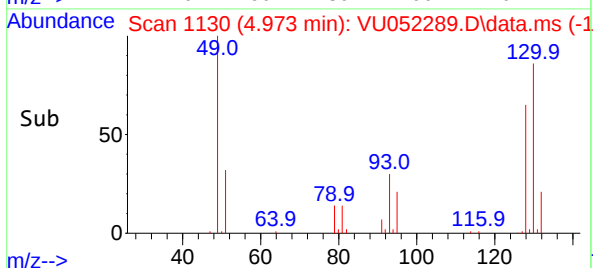
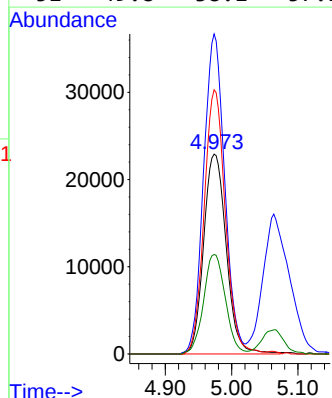
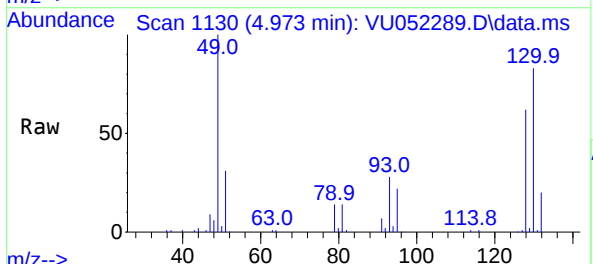
Ion	Ratio	Lower	Upper
96	100		
61	127.6	85.1	158.1
98	64.4	42.8	79.6

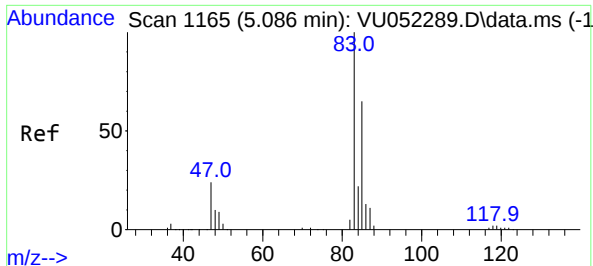


#23
 Bromochloromethane
 Concen: 5.098 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU052289.D
 Acq: 09 Dec 2022 09:35

Tgt Ion: 128 Resp: 54179

Ion	Ratio	Lower	Upper
128	100		
49	160.1	104.0	193.2
130	132.2	84.6	157.2
51	49.8	38.1	57.1





#25

Chloroform

Concen: 4.996 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052289.D

Acq: 09 Dec 2022 09:35

Instrument :

MSVOA_U

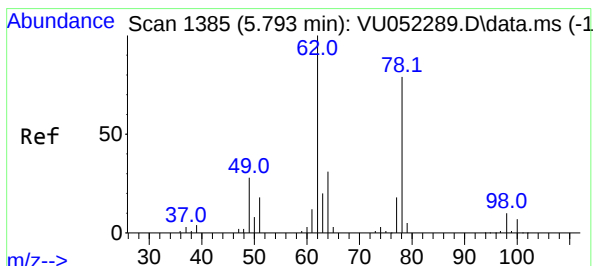
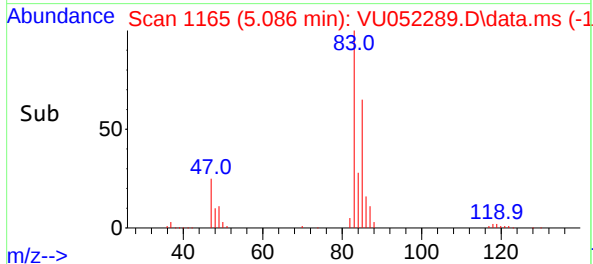
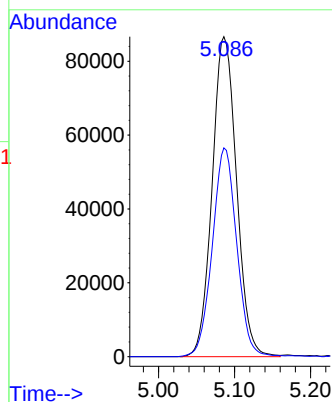
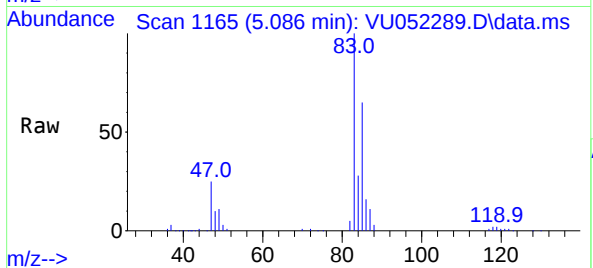
ClientSampleId :

Tgt Ion: 83 Resp: 193094

Ion Ratio Lower Upper

83 100

85 65.3 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.060 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU052289.D

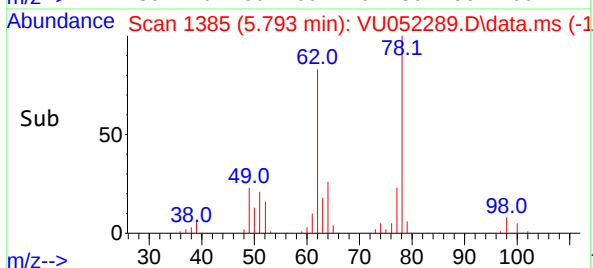
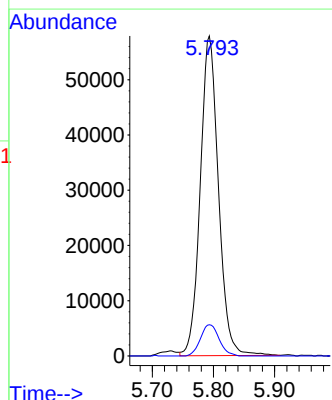
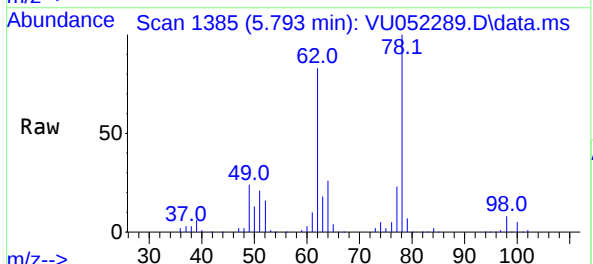
Acq: 09 Dec 2022 09:35

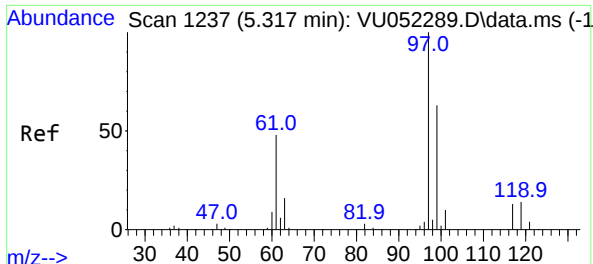
Tgt Ion: 62 Resp: 119793

Ion Ratio Lower Upper

62 100

98 9.8 8.4 12.6

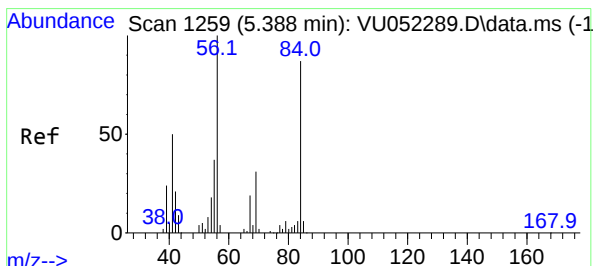
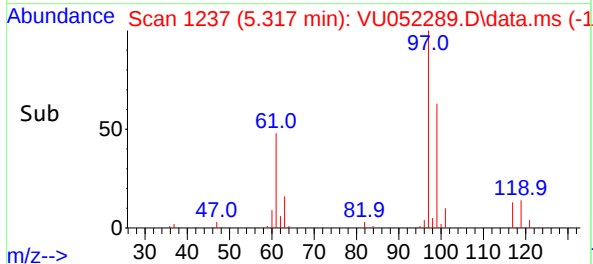
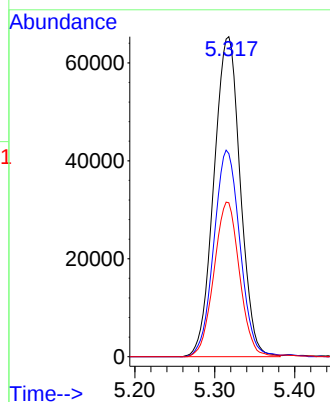
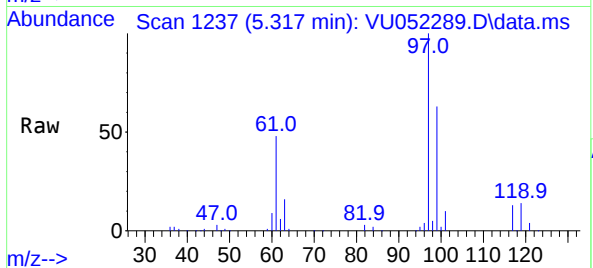




#29
1,1,1-Trichloroethane
Concen: 5.053 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

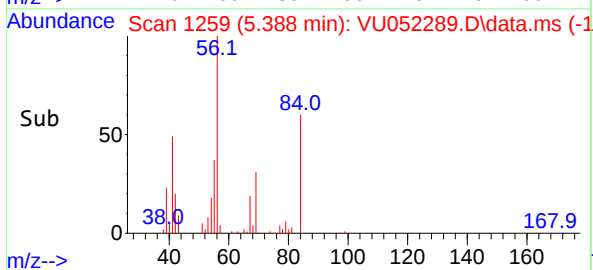
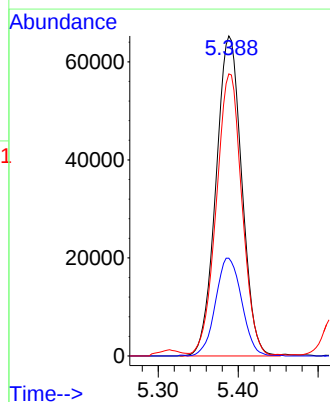
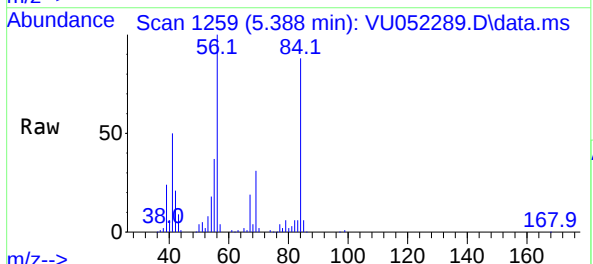
Instrument :
MSVOA_U
ClientSampleId :

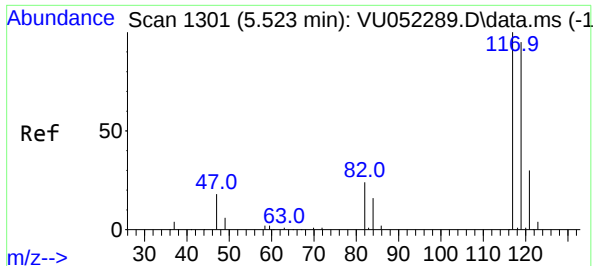
Tgt Ion: 97 Resp: 149490
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 46.9 36.9 55.3



#30
Cyclohexane
Concen: 5.085 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion: 56 Resp: 146069
Ion Ratio Lower Upper
56 100
69 31.0 25.6 38.4
84 87.2 72.0 108.0

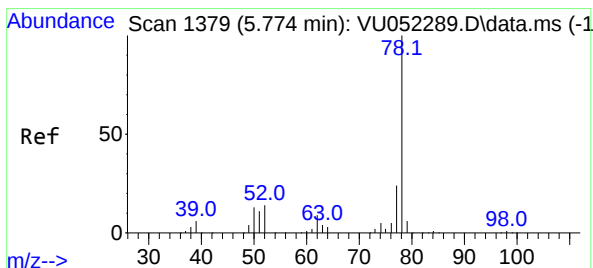
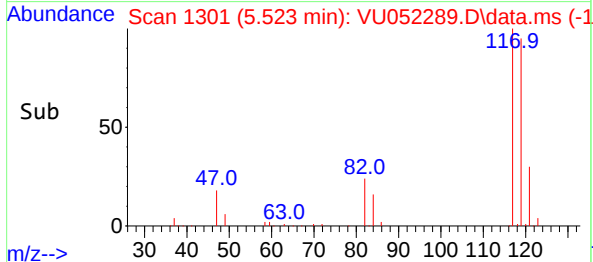
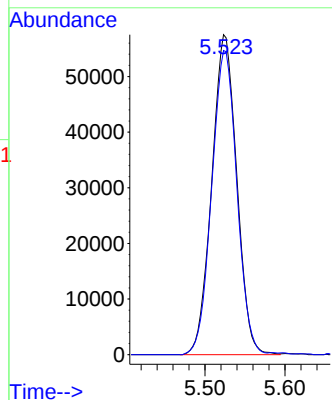
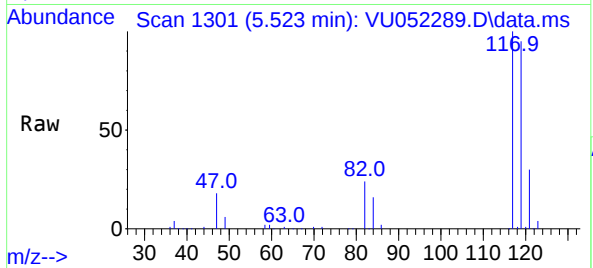




#31
Carbon tetrachloride
Concen: 4.964 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

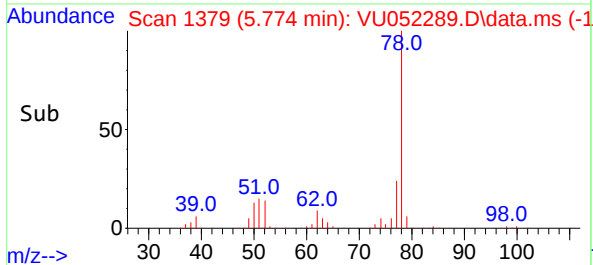
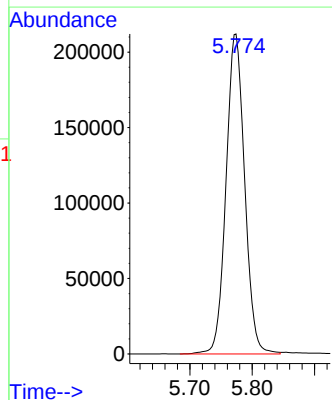
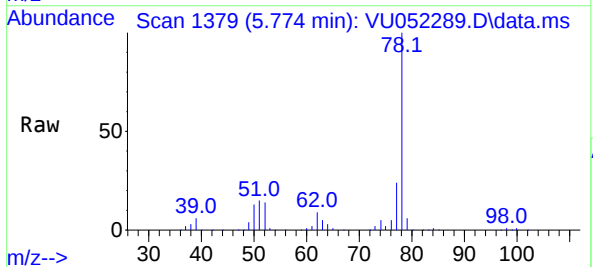
Instrument :
MSVOA_U
ClientSampleId :

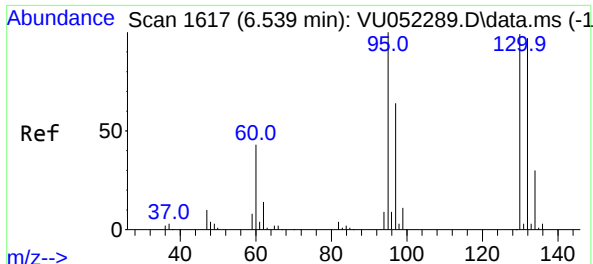
Tgt Ion:117 Resp: 124791
Ion Ratio Lower Upper
117 100
119 95.6 77.2 115.8



#33
Benzene
Concen: 5.063 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

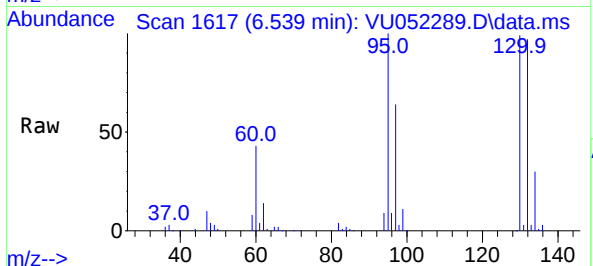
Tgt Ion: 78 Resp: 439433





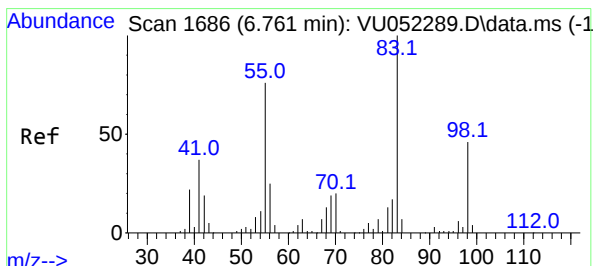
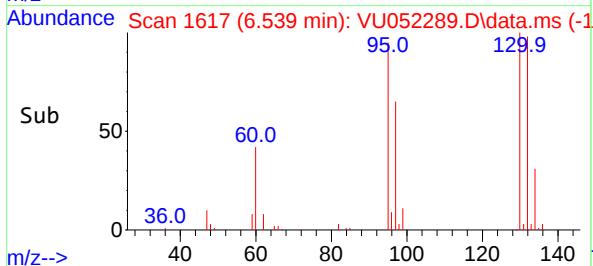
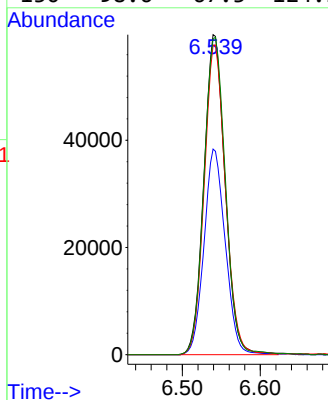
#34
Trichloroethene
Concen: 5.202 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 112610

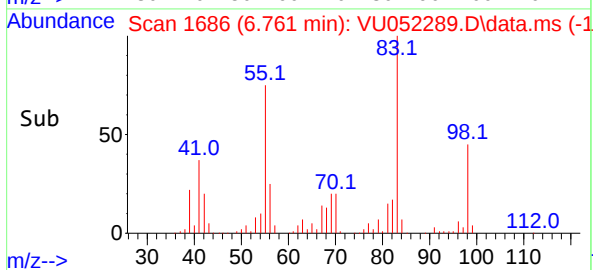
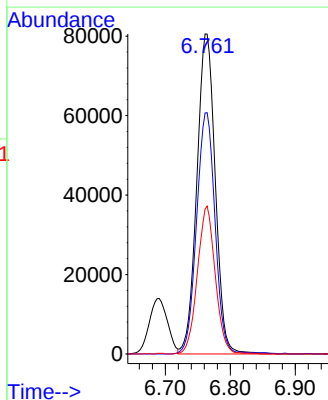
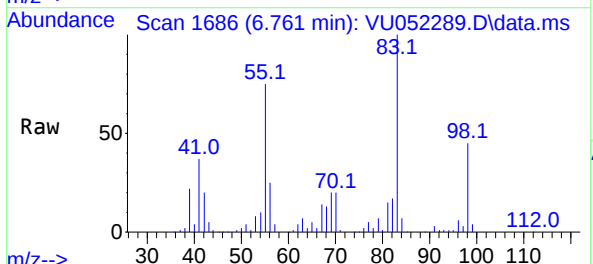
Ion	Ratio	Lower	Upper
95	100		
97	64.2	43.7	81.1
132	96.7	64.3	119.3
130	98.6	67.3	124.9

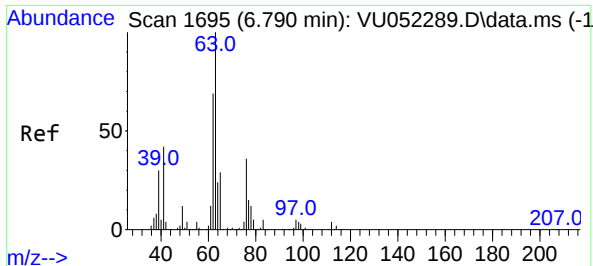


#35
Methylcyclohexane
Concen: 5.118 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion: 83 Resp: 159378

Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.8	91.2
98	44.9	35.1	52.7

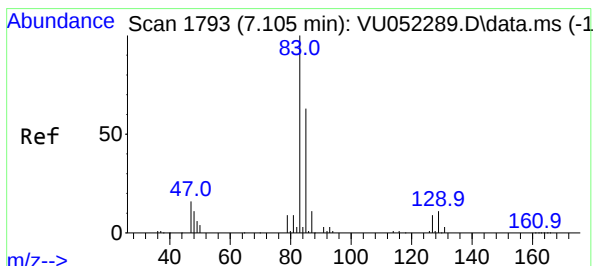
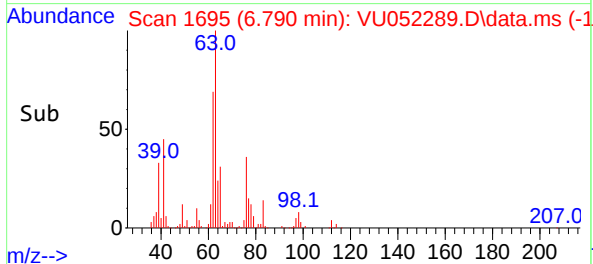
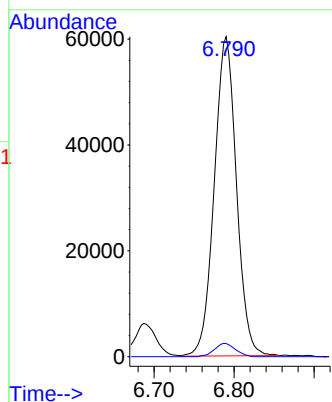
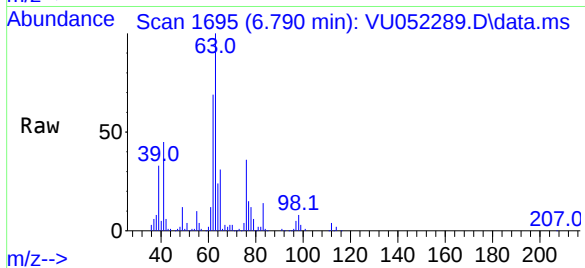




#37
1,2-Dichloropropane
Concen: 5.160 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

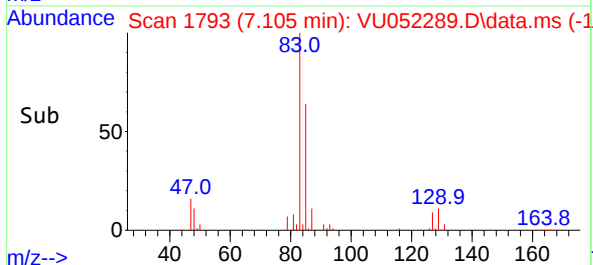
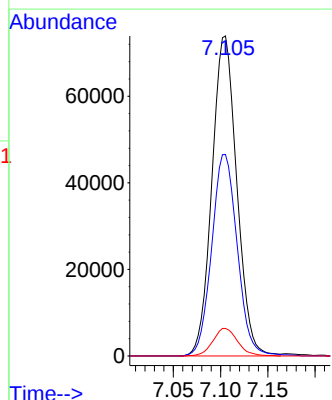
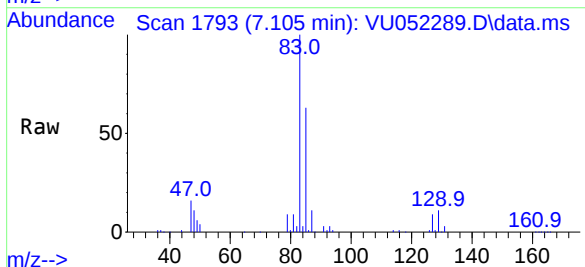
Instrument :
MSVOA_U
ClientSampleId :

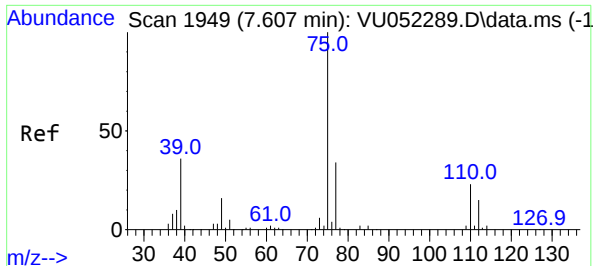
Tgt Ion: 63 Resp: 115945
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 4.944 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion: 83 Resp: 135447
Ion Ratio Lower Upper
83 100
85 63.0 43.5 80.9
127 8.6 6.8 10.2

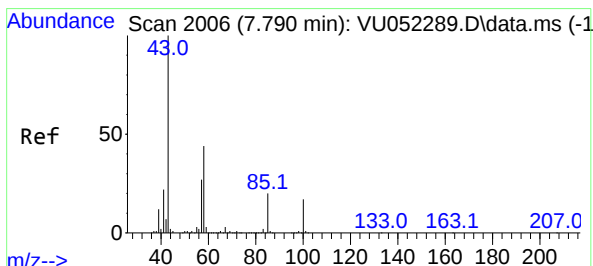
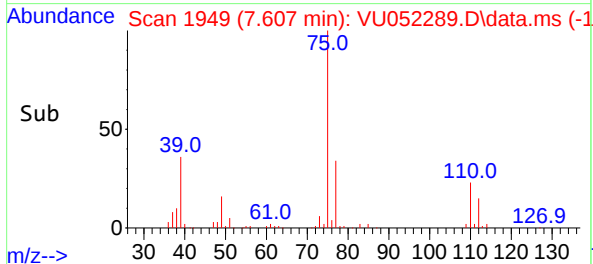
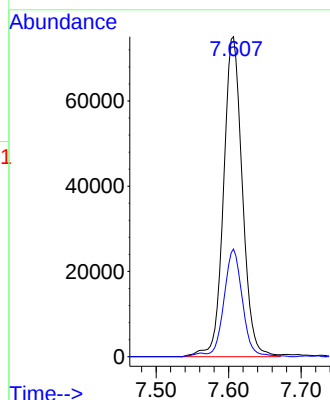
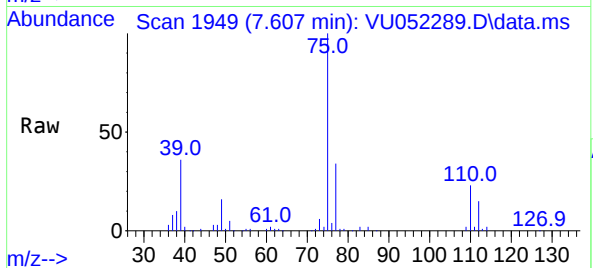




#39
 cis-1,3-Dichloropropene
 Concen: 4.694 ug/L
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU052289.D
 Acq: 09 Dec 2022 09:35

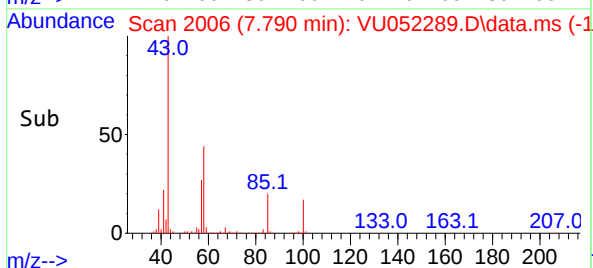
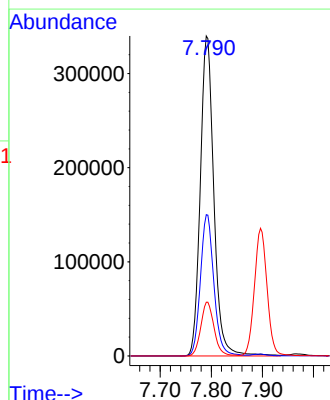
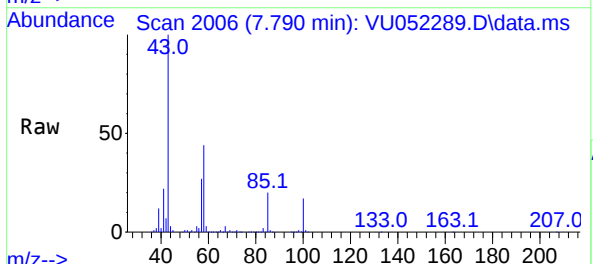
Instrument :
 MSVOA_U
 ClientSampleId :

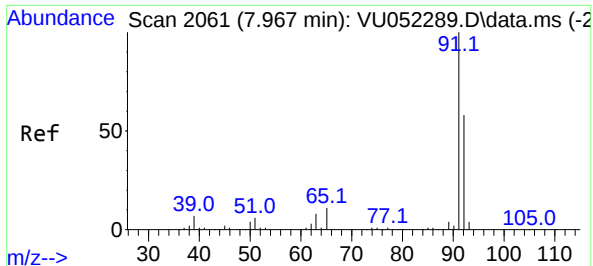
Tgt Ion: 75 Resp: 135424
 Ion Ratio Lower Upper
 75 100
 77 33.6 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 53.423 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VU052289.D
 Acq: 09 Dec 2022 09:35

Tgt Ion: 43 Resp: 627049
 Ion Ratio Lower Upper
 43 100
 58 43.8 35.3 52.9
 100 16.5 13.6 20.4

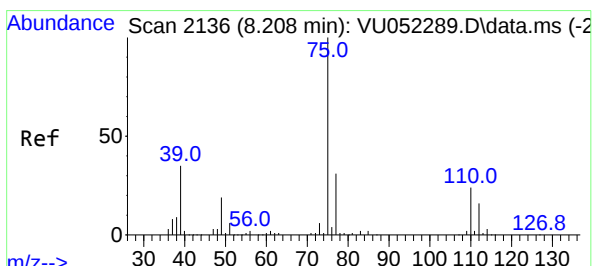
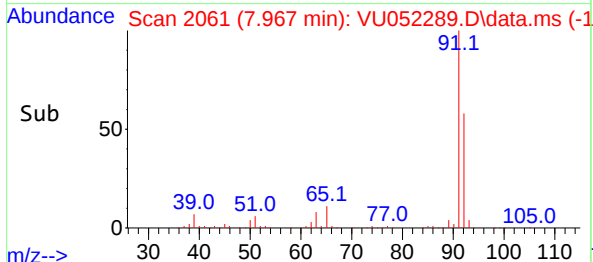
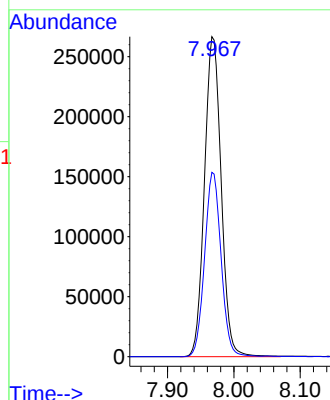
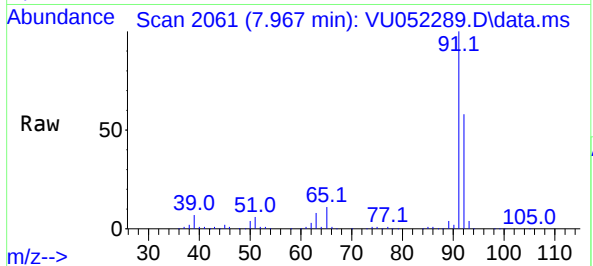




#42
Toluene
Concen: 5.228 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

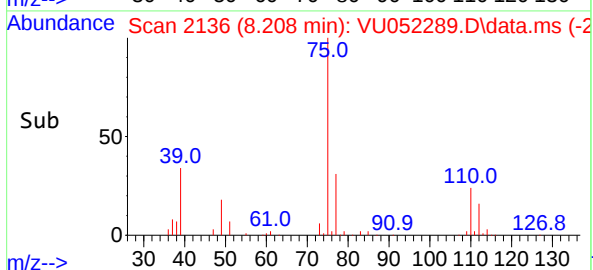
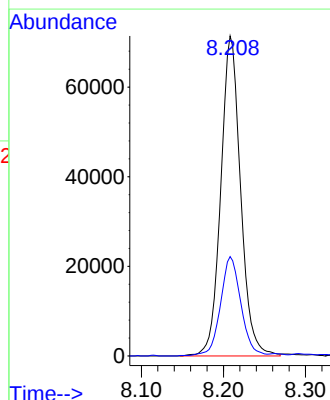
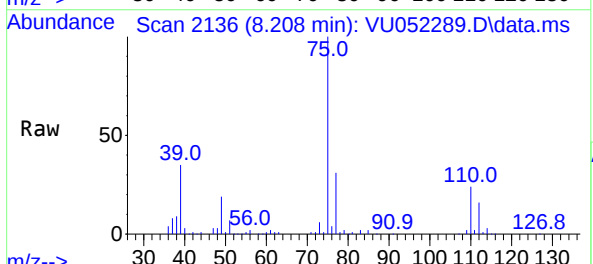
Instrument :
MSVOA_U
ClientSampleId :

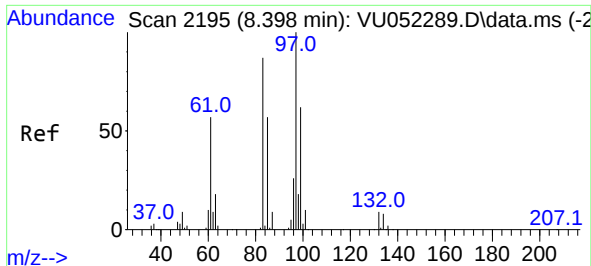
Tgt Ion: 91 Resp: 466671
Ion Ratio Lower Upper
91 100
92 57.6 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 4.851 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion: 75 Resp: 119849
Ion Ratio Lower Upper
75 100
77 31.1 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.087 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. 0.000 min

Lab File: VU052289.D

Acq: 09 Dec 2022 09:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 85894

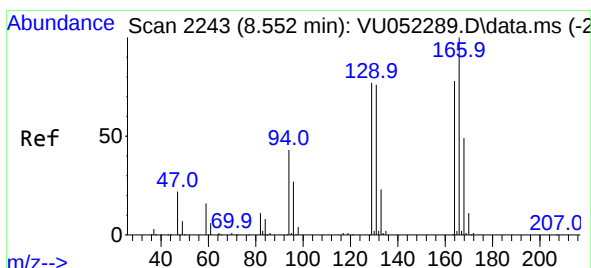
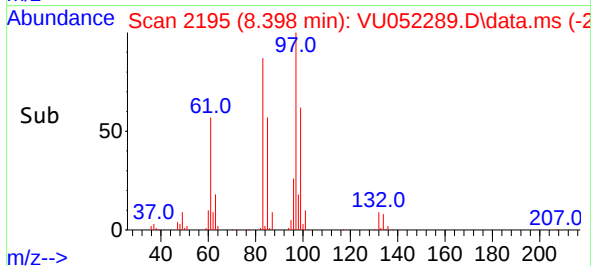
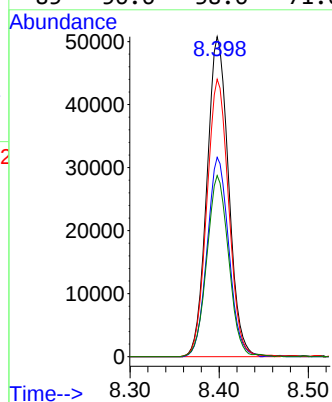
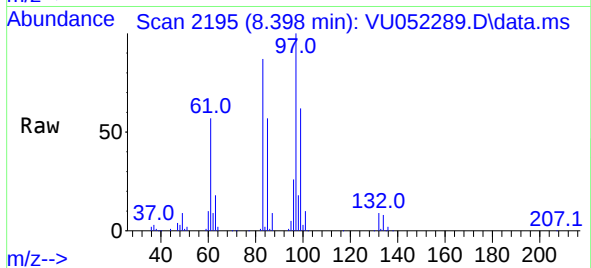
Ion Ratio Lower Upper

97 100

99 62.3 42.6 79.2

83 86.7 60.7 112.7

85 56.6 38.6 71.6



#47

Tetrachloroethene

Concen: 4.911 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU052289.D

Acq: 09 Dec 2022 09:35

Tgt Ion:164 Resp: 81478

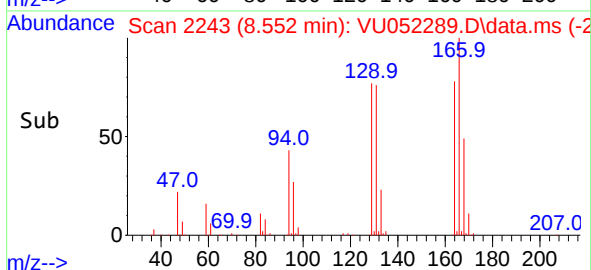
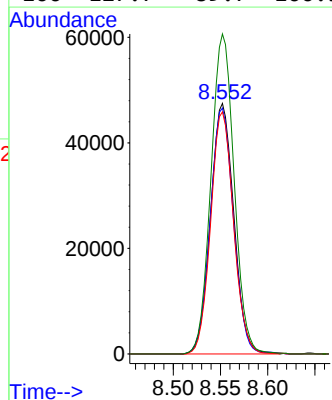
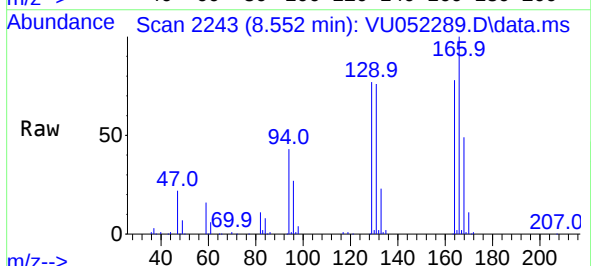
Ion Ratio Lower Upper

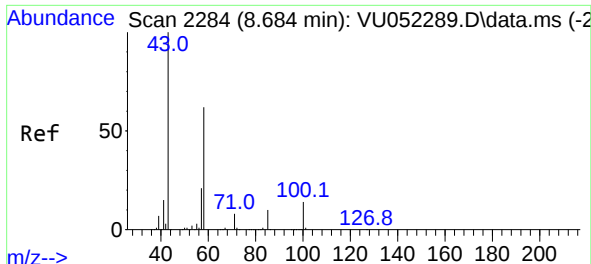
164 100

129 98.2 67.4 125.2

131 96.6 67.1 124.7

166 127.7 89.7 166.5

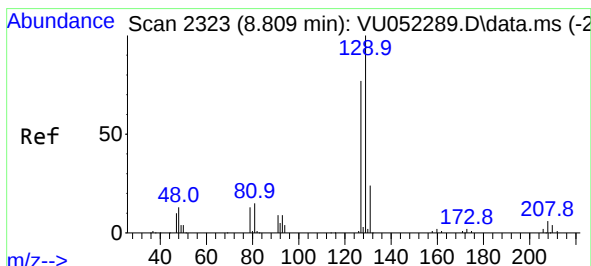
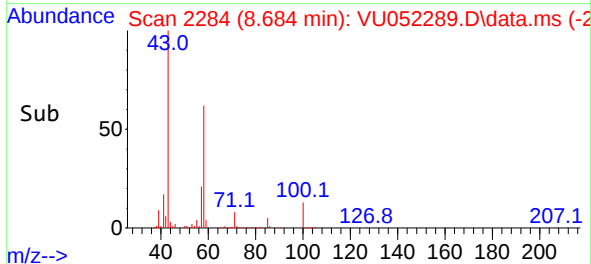
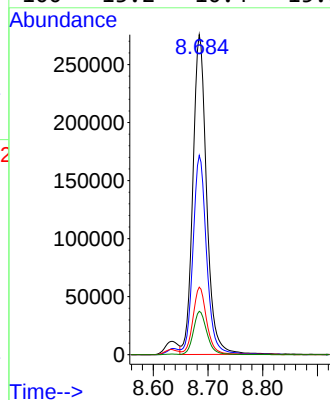
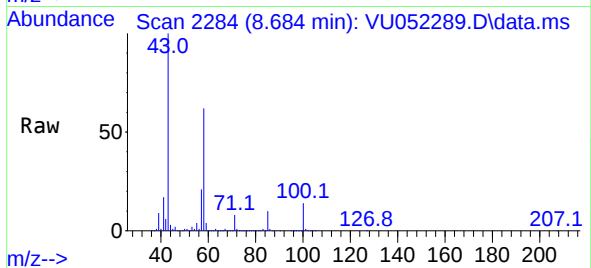




#48
2-Hexanone
Concen: 55.941 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

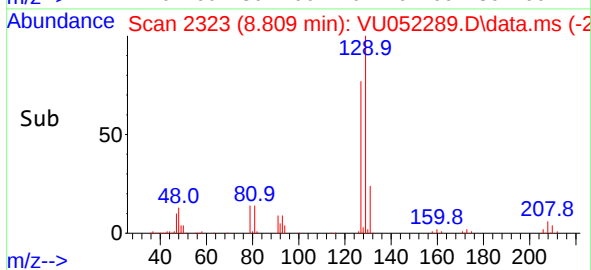
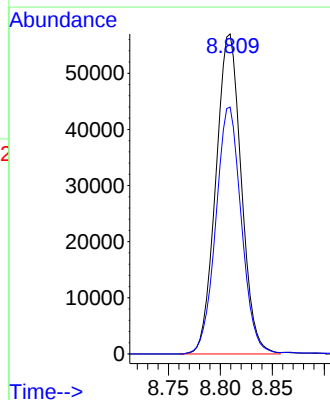
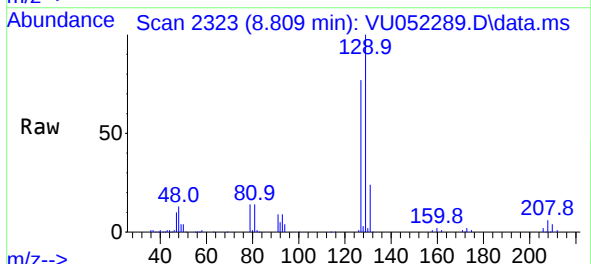
Instrument :
MSVOA_U
ClientSampleId :

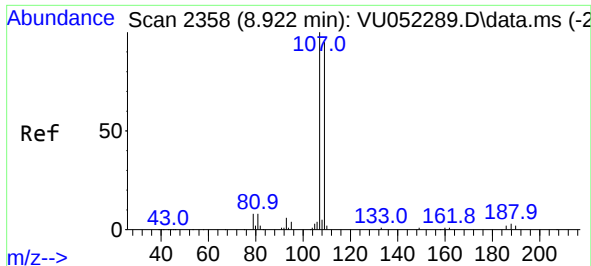
Tgt Ion: 43 Resp: 481371
Ion Ratio Lower Upper
43 100
58 61.1 49.4 74.0
57 21.0 16.3 24.5
100 13.2 10.4 15.6



#49
Dibromochloromethane
Concen: 5.141 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

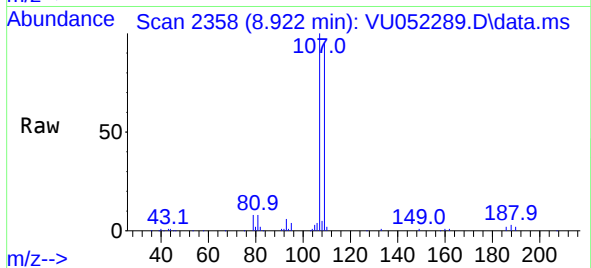
Tgt Ion: 129 Resp: 97219
Ion Ratio Lower Upper
129 100
127 77.1 52.8 98.2



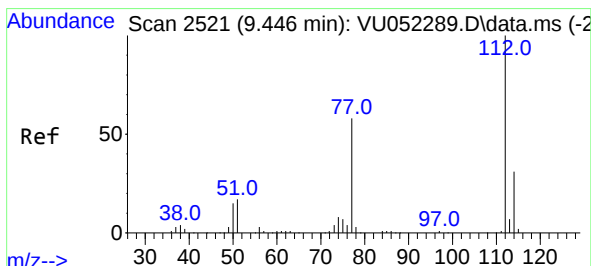
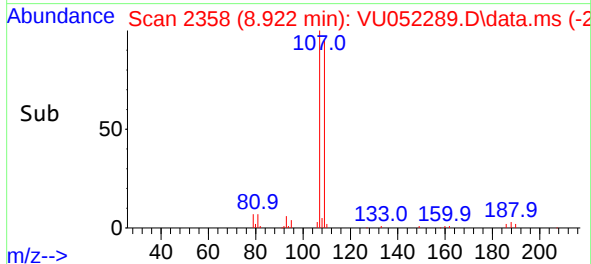
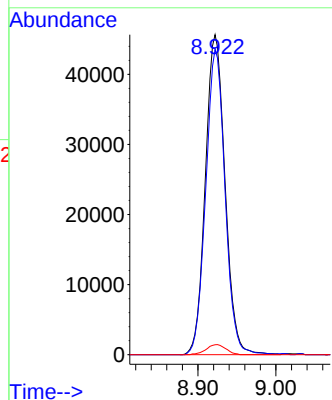


#50
1,2-Dibromoethane
Concen: 5.209 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Instrument :
MSVOA_U
ClientSampleId :

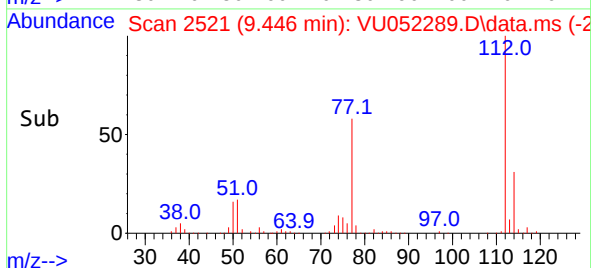
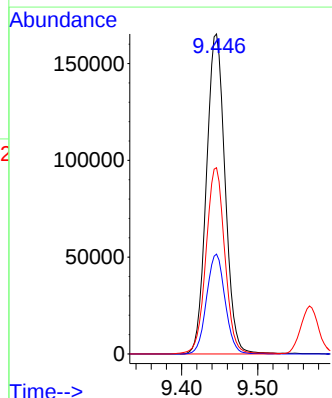
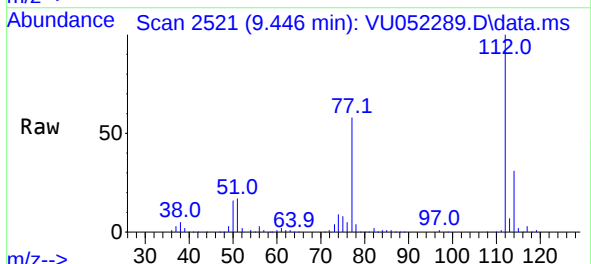


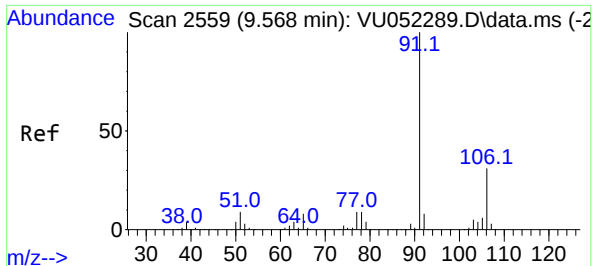
Tgt Ion:107 Resp: 80115
Ion Ratio Lower Upper
107 100
109 95.4 64.9 120.5
188 3.1 2.6 4.0



#51
Chlorobenzene
Concen: 4.947 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion:112 Resp: 281546
Ion Ratio Lower Upper
112 100
114 31.2 22.2 41.2
77 58.2 46.6 70.0

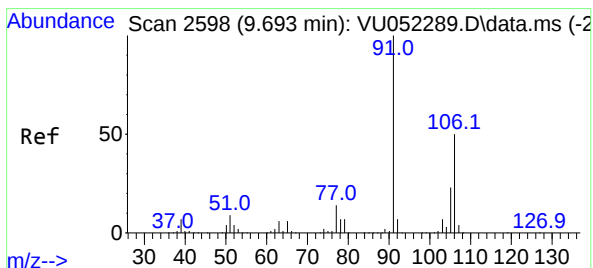
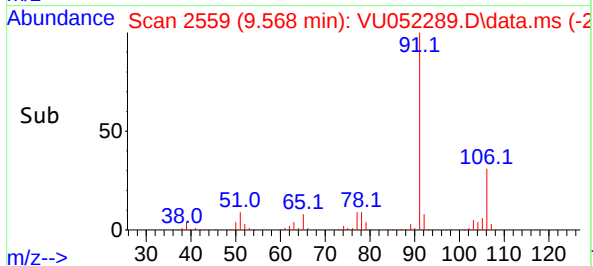
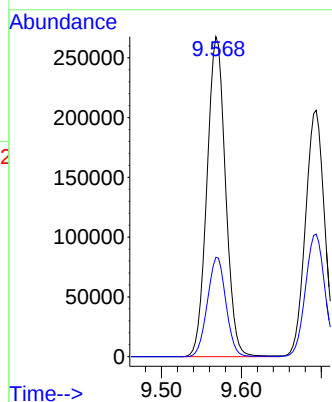
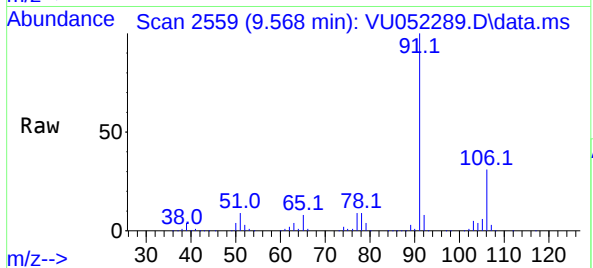




#52
Ethylbenzene
Concen: 4.986 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

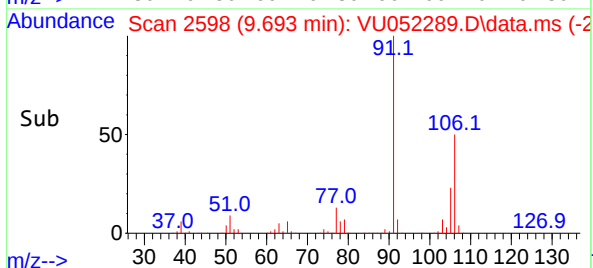
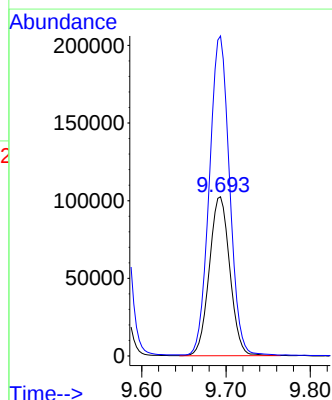
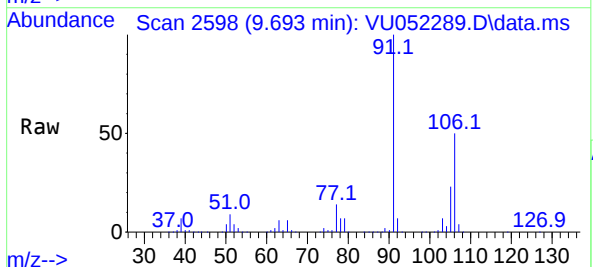
Instrument :
MSVOA_U
ClientSampleId :

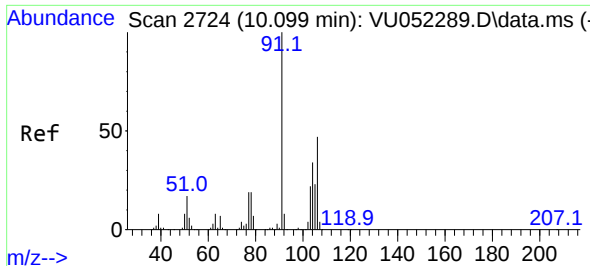
Tgt Ion: 91 Resp: 432691
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 5.155 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion: 106 Resp: 173255
Ion Ratio Lower Upper
106 100
91 200.9 137.7 255.7

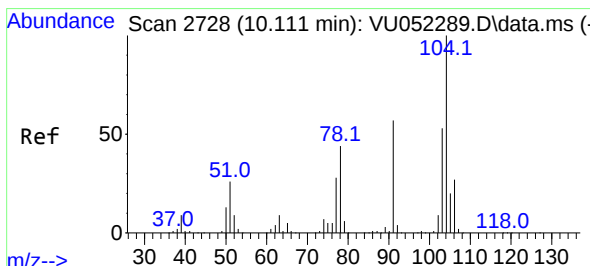
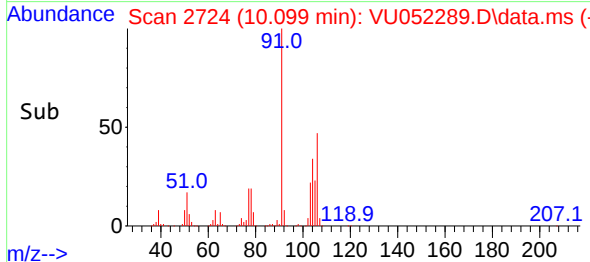
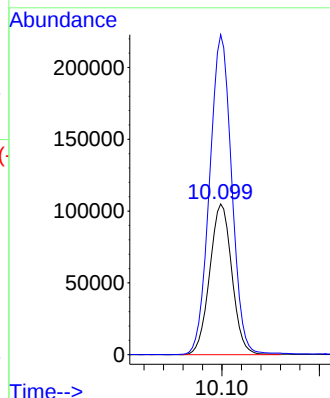
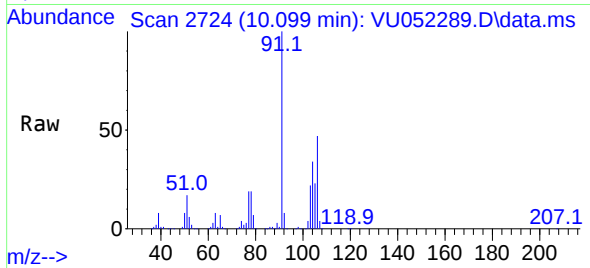




#54
o-Xylene
Concen: 5.148 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

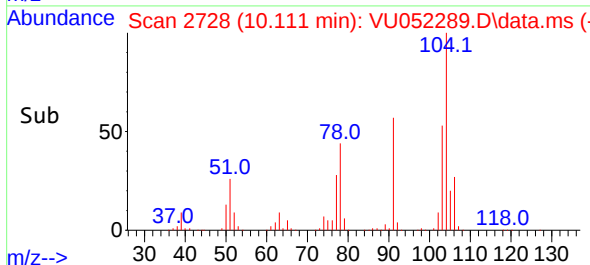
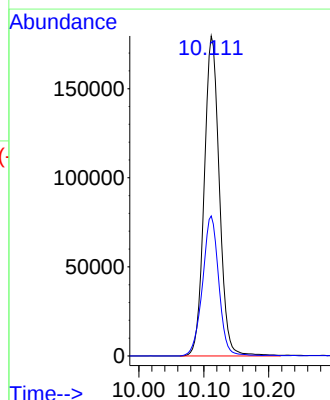
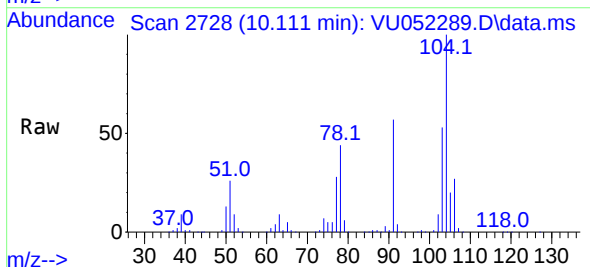
Instrument :
MSVOA_U
ClientSampleId :

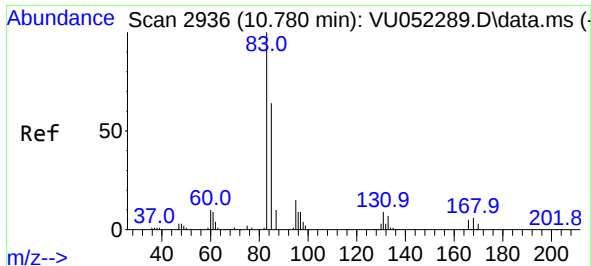
Tgt Ion:106 Resp: 165809
Ion Ratio Lower Upper
106 100
91 212.3 151.5 281.5



#55
Styrene
Concen: 5.377 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion:104 Resp: 292533
Ion Ratio Lower Upper
104 100
78 43.8 30.6 56.8

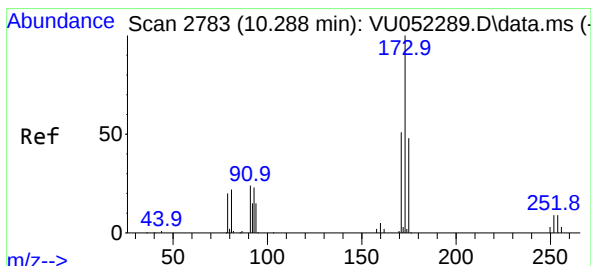
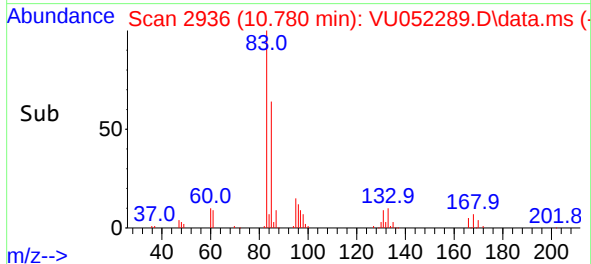
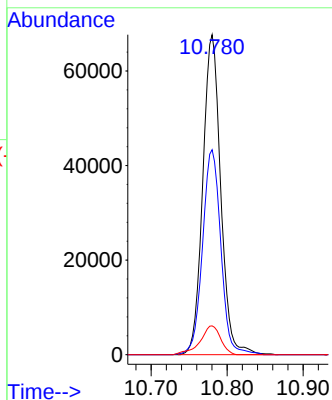
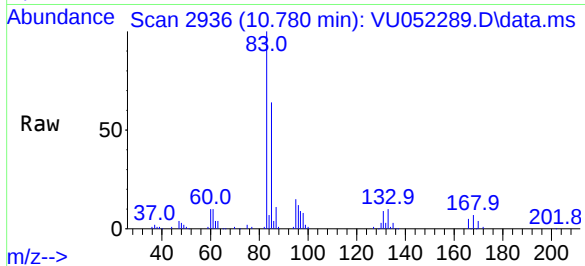




#57
1,1,2,2-Tetrachloroethane
Concen: 5.252 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

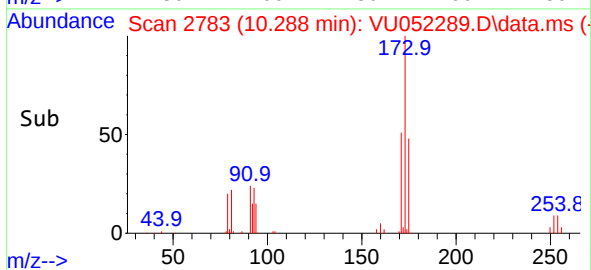
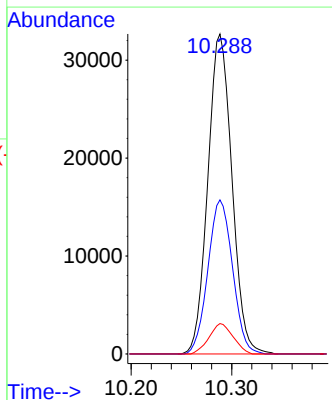
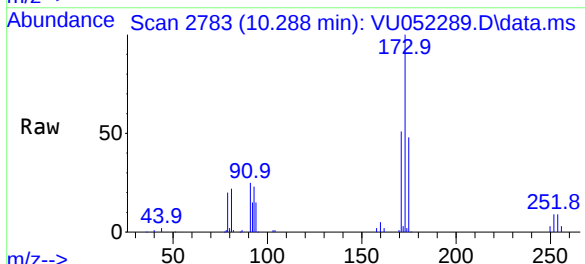
Instrument :
MSVOA_U
ClientSampleId :

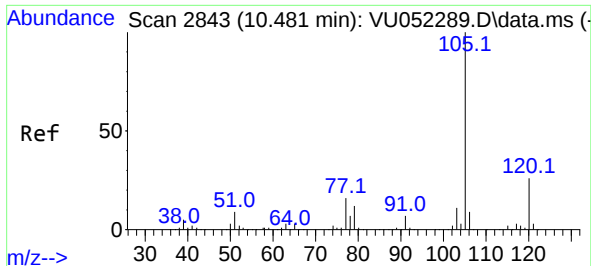
Tgt Ion: 83 Resp: 110771
Ion Ratio Lower Upper
83 100
85 64.0 45.7 84.9
131 9.0 7.6 11.4



#59
Bromoform
Concen: 4.818 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion:173 Resp: 54413
Ion Ratio Lower Upper
173 100
175 49.3 37.2 55.8
254 9.5 7.0 10.6

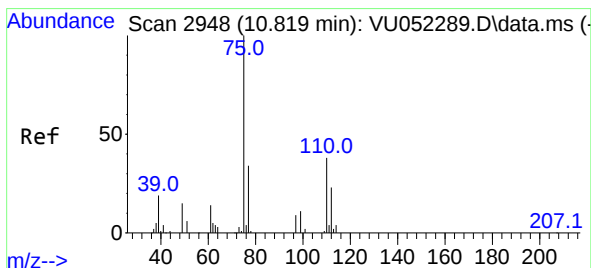
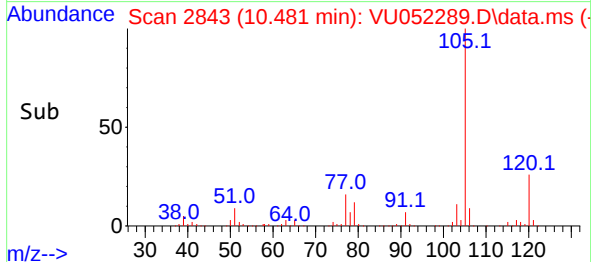
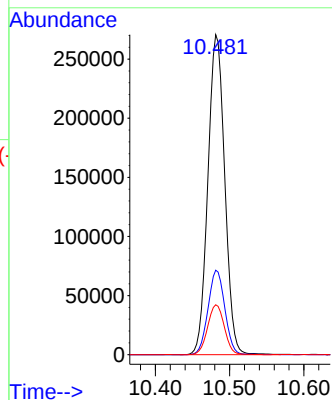
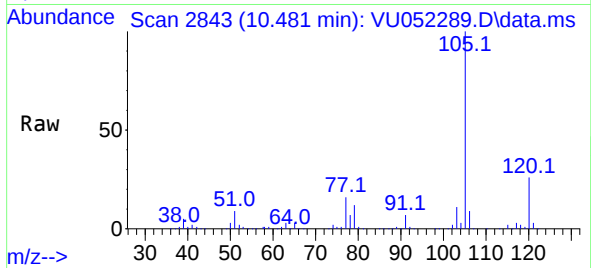




#60
Isopropylbenzene
Concen: 4.943 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

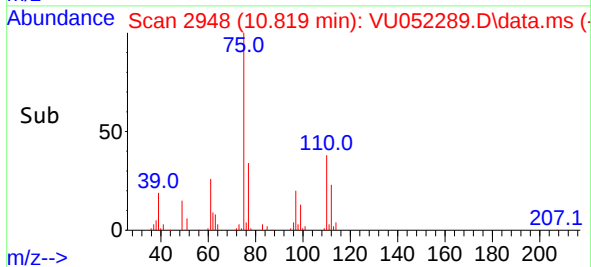
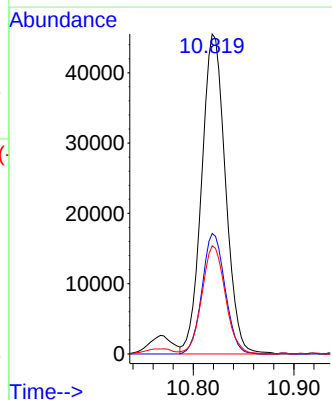
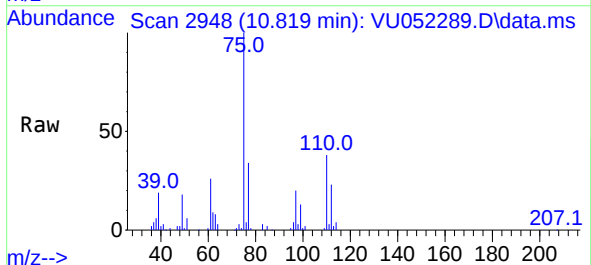
Instrument :
MSVOA_U
ClientSampleId :

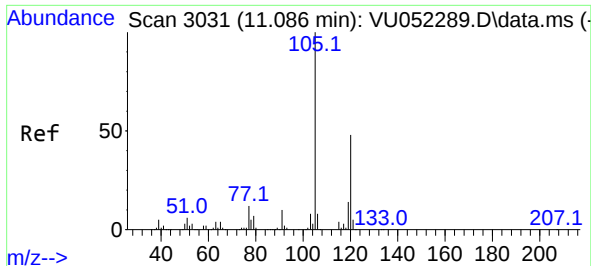
Tgt Ion:105 Resp: 425796
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.762 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion: 75 Resp: 74746
Ion Ratio Lower Upper
75 100
110 36.2 28.3 42.5
77 33.4 26.2 39.2

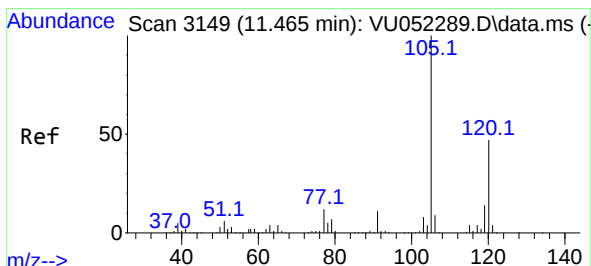
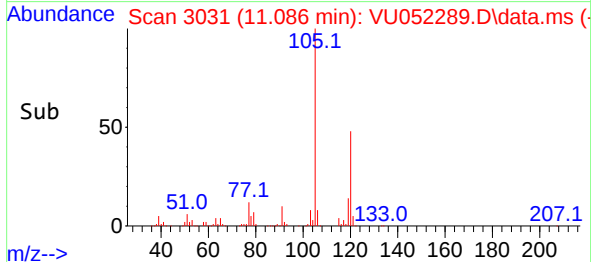
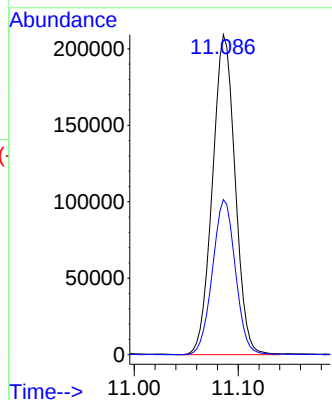
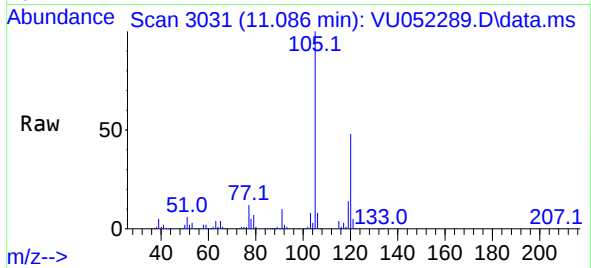




#62
1,3,5-Trimethylbenzene
Concen: 4.608 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

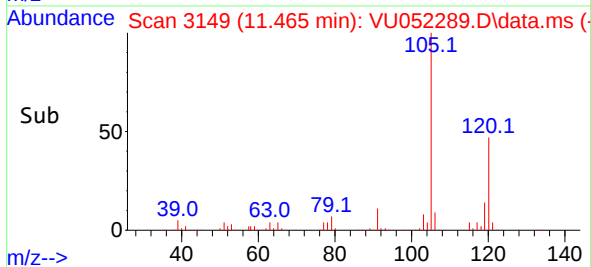
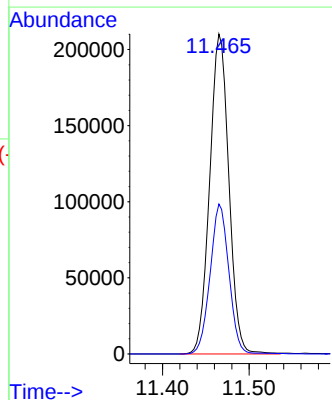
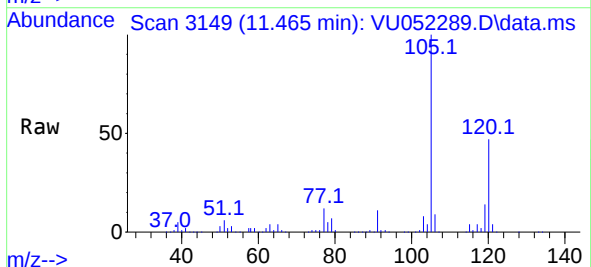
Instrument :
MSVOA_U
ClientSampleId :

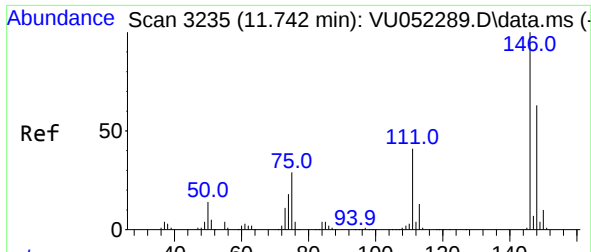
Tgt Ion:105 Resp: 317326
Ion Ratio Lower Upper
105 100
120 49.1 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 4.727 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion:105 Resp: 323053
Ion Ratio Lower Upper
105 100
120 45.9 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 4.904 ug/L

RT: 11.742 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052289.D

Acq: 09 Dec 2022 09:35

Instrument :

MSVOA_U

ClientSampleId :

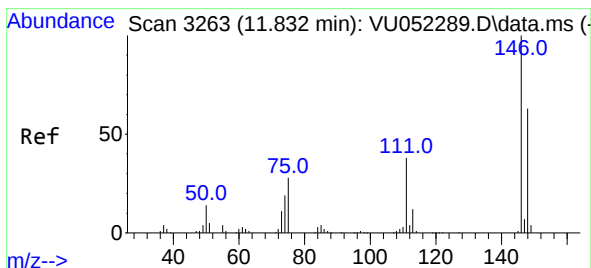
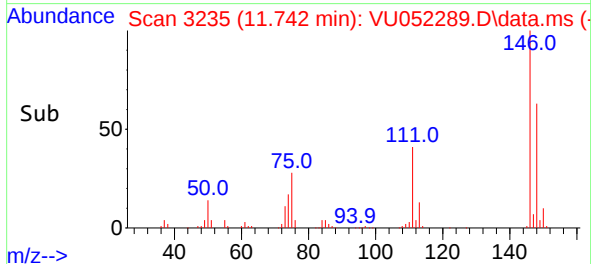
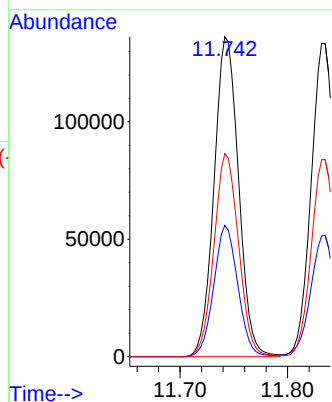
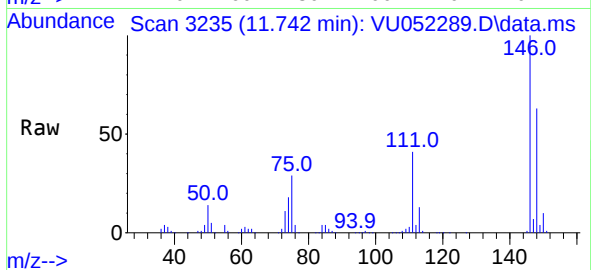
Tgt Ion:146 Resp: 215694

Ion Ratio Lower Upper

146 100

111 41.0 28.6 53.2

148 63.5 45.4 84.2



#65

1,4-Dichlorobenzene

Concen: 4.868 ug/L

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052289.D

Acq: 09 Dec 2022 09:35

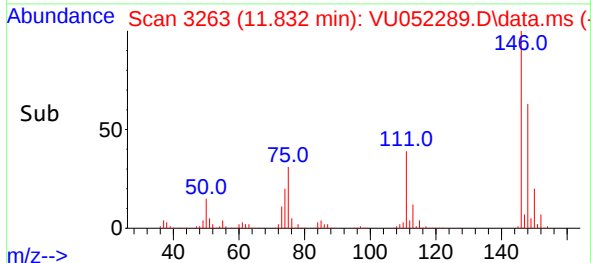
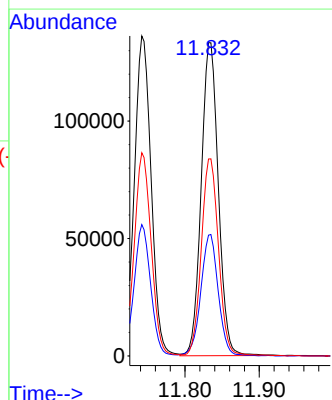
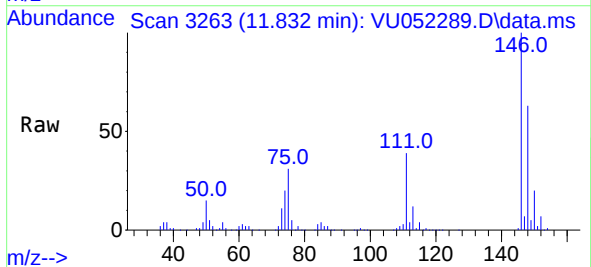
Tgt Ion:146 Resp: 213532

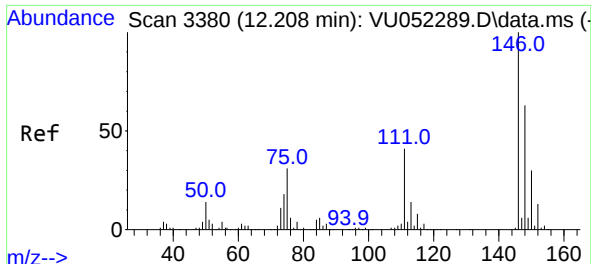
Ion Ratio Lower Upper

146 100

111 38.6 26.9 50.1

148 62.9 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 4.887 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052289.D

Acq: 09 Dec 2022 09:35

Instrument :

MSVOA_U

ClientSampleId :

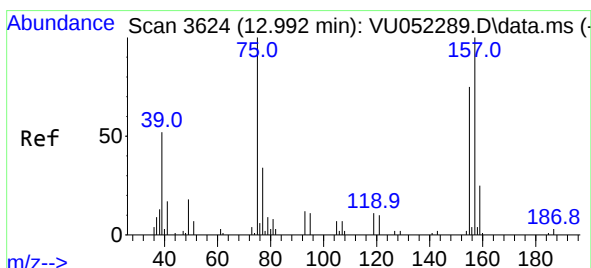
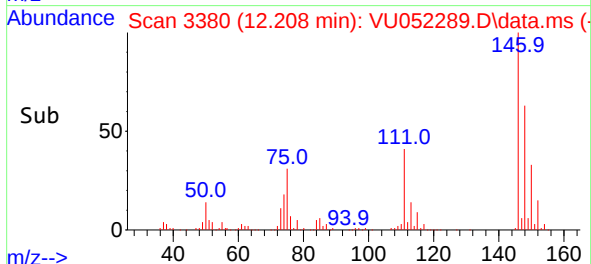
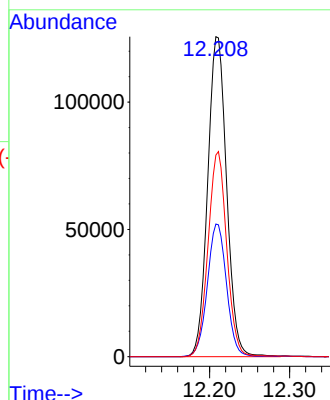
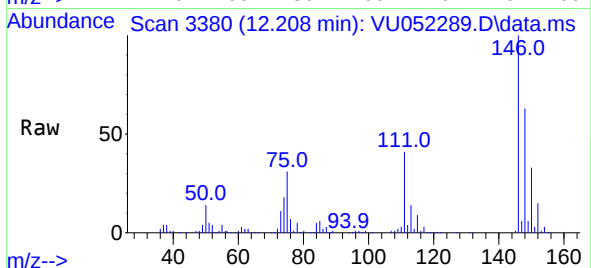
Tgt Ion:146 Resp: 206988

Ion Ratio Lower Upper

146 100

111 41.4 32.7 49.1

148 63.0 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.789 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU052289.D

Acq: 09 Dec 2022 09:35

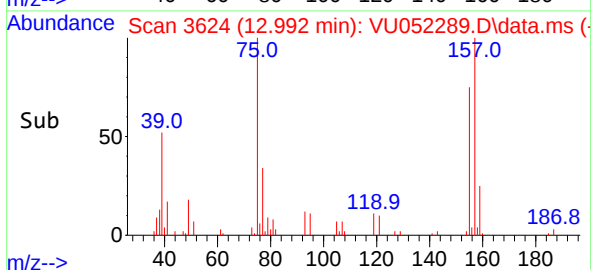
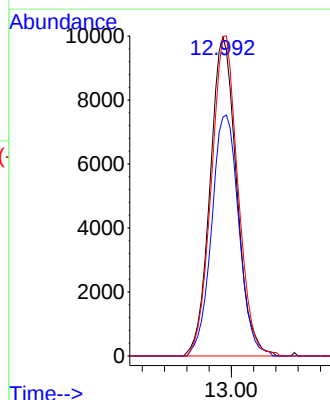
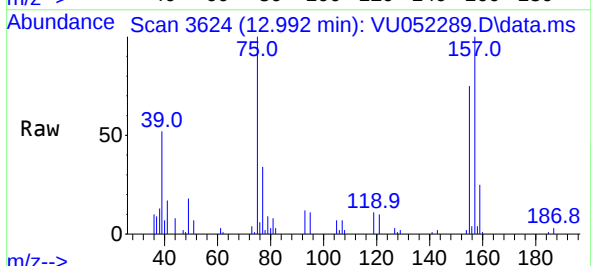
Tgt Ion: 75 Resp: 16449

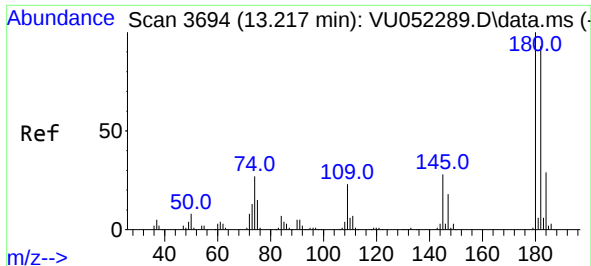
Ion Ratio Lower Upper

75 100

155 74.9 65.4 98.2

157 100.2 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 4.779 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.003 min

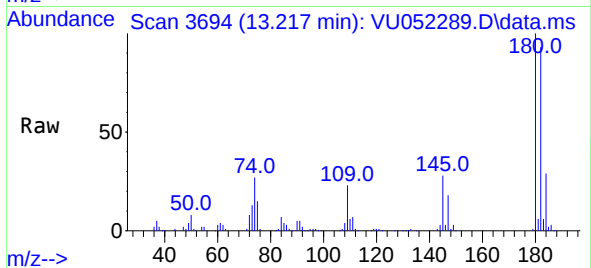
Lab File: VU052289.D

Acq: 09 Dec 2022 09:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 149035

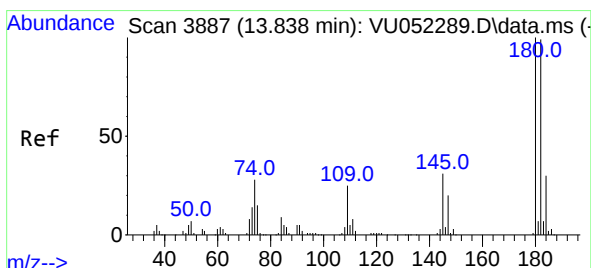
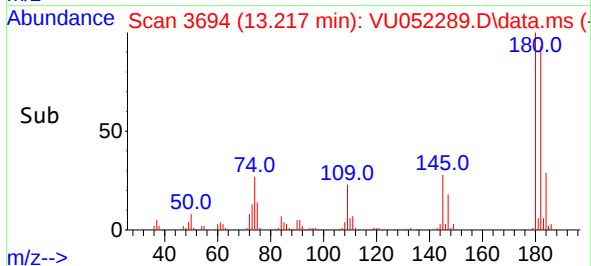
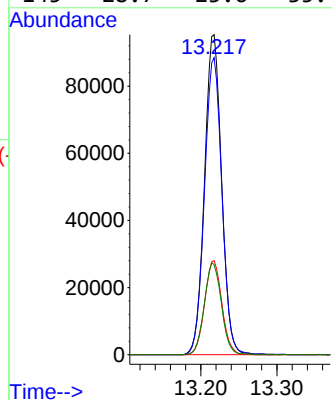
Ion Ratio Lower Upper

180 100

182 94.2 75.7 113.5

184 29.5 24.3 36.5

145 28.7 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.624 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU052289.D

Acq: 09 Dec 2022 09:35

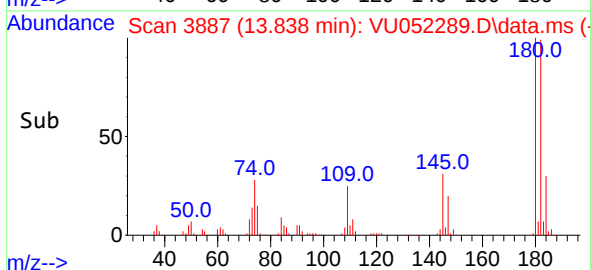
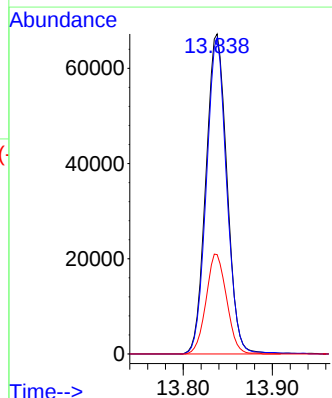
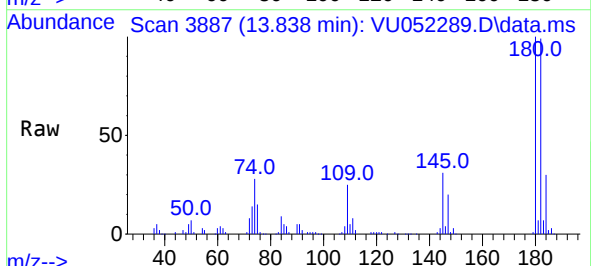
Tgt Ion:180 Resp: 109811

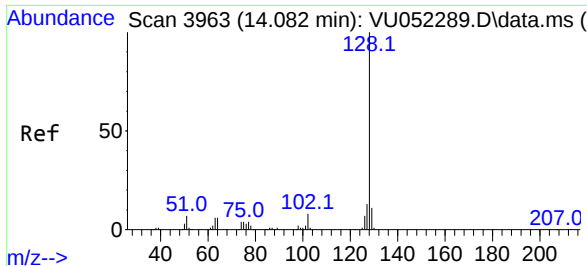
Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

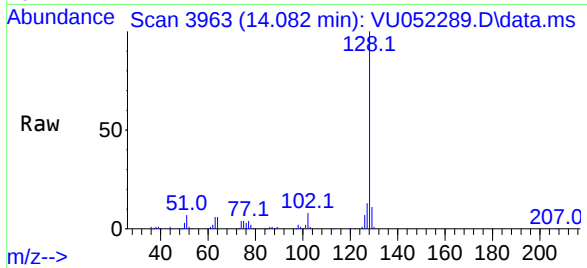
145 30.5 24.6 36.8



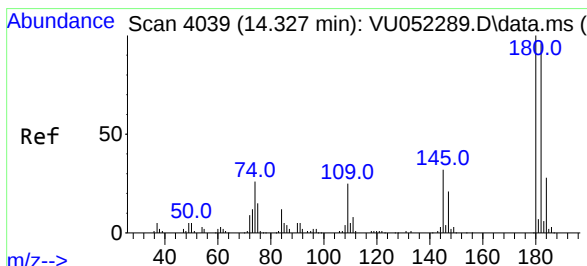
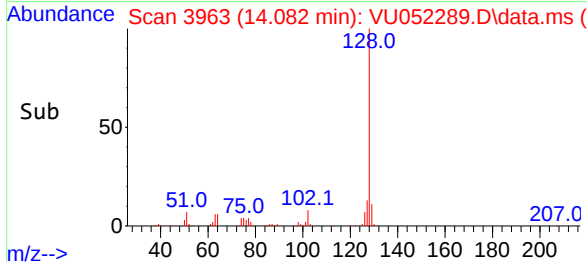
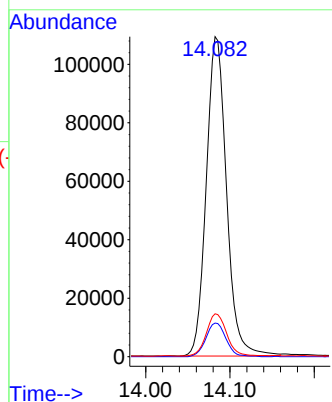


#71
Naphthalene
Concen: 4.101 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 182872
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.589 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU052289.D
Acq: 09 Dec 2022 09:35

Tgt Ion:180 Resp: 107234
Ion Ratio Lower Upper
180 100
182 95.0 75.7 113.5
145 32.0 24.5 36.7

