

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052338.D
 Acq On : 10 Dec 2022 05:57
 Operator : JC/MD
 Sample : N5930-11MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ94MS

Quant Time: Dec 10 06:52:18 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	250544	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	251085	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	136325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	123678	5.075	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.916	69	78417	4.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.568	65	35559	4.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.639	46	280883	63.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.160%
24) Chloroform-d	5.063	84	169650	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.700	65	84470	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.726	84	345536	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.687	67	112106	4.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.896	98	317603	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.176	79	39785	4.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.629	63	199483	55.993	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.980%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105091	5.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	126264	4.838	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	93122	4.285	ug/L	99
3) Chloromethane	1.523	50	119590	4.217	ug/L	99
5) Vinyl chloride	1.607	62	4048668	148.588	ug/L	98
6) Bromomethane	1.861	94	46527	3.328	ug/L	97
8) Chloroethane	1.938	64	212665	12.551	ug/L	96
9) Trichlorofluoromethane	2.141	101	139375	4.650	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	83538	4.558	ug/L	98
12) 1,1-Dichloroethene	2.584	96	242402	13.337	ug/L #	71
13) Acetone	2.649	43	165089	55.035	ug/L	99
14) Carbon disulfide	2.797	76	272803	4.336	ug/L	99
15) Methyl Acetate	2.957	43	33458	4.300	ug/L	98
16) Methylene chloride	3.047	84	106573	4.334	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	195250	4.799	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	197133	10.118	ug/L	97
19) 1,1-Dichloroethane	3.867	63	9169517	261.135	ug/L	99
21) 2-Butanone	4.713	43	276366	57.482	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	15338615	750.158	ug/L	97
23) Bromochloromethane	4.973	128	47561	4.862	ug/L	94
25) Chloroform	5.086	83	177960	5.002	ug/L	97

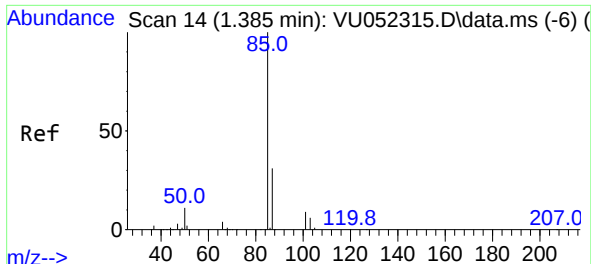
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	142879	6.556	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	3519630	126.345	ug/L	99
30) Cyclohexane	5.388	56	138252	5.111	ug/L	99
31) Carbon tetrachloride	5.523	117	110847	4.683	ug/L	99
33) Benzene	5.771	78	467001	5.715	ug/L	100
34) Trichloroethene	6.539	95	123311	6.050	ug/L	99
35) Methylcyclohexane	6.761	83	151085	5.153	ug/L	98
37) 1,2-Dichloropropane	6.787	63	106856	5.051	ug/L	100
38) Bromodichloromethane	7.102	83	126525	4.905	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	122421	4.507	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	622367	56.315	ug/L	100
42) Toluene	7.967	91	1203965	14.324	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	112492	4.836	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	94744	5.959	ug/L	99
47) Tetrachloroethene	8.549	164	82557	5.285	ug/L	98
48) 2-Hexanone	8.681	43	470672	58.093	ug/L	98
49) Dibromochloromethane	8.806	129	91129	5.118	ug/L	97
50) 1,2-Dibromoethane	8.919	107	76995	5.317	ug/L	100
51) Chlorobenzene	9.443	112	255788	4.773	ug/L	99
52) Ethylbenzene	9.568	91	568965	6.963	ug/L	98
53) m,p-Xylene	9.690	106	179156	5.662	ug/L	96
54) o-Xylene	10.095	106	194474	6.412	ug/L	98
55) Styrene	10.111	104	272789	5.325	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	107373	5.407	ug/L	98
59) Bromoform	10.285	173	52619	4.686	ug/L	95
60) Isopropylbenzene	10.481	105	514415	6.007	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	74385	4.768	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	391091	5.713	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	602273	8.864	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	202504	4.631	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	202785	4.650	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	236631	5.620	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	16510	4.835	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	142368	4.592	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	118775	5.031	ug/L	98
71) Naphthalene	14.082	128	346651	7.820	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	112632	4.849	ug/L	98

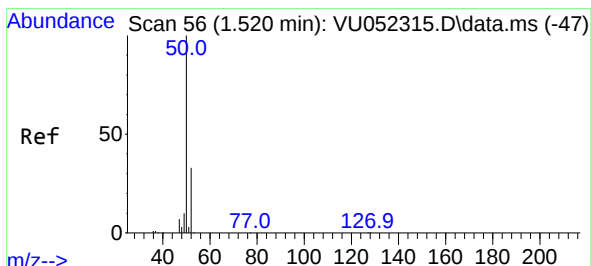
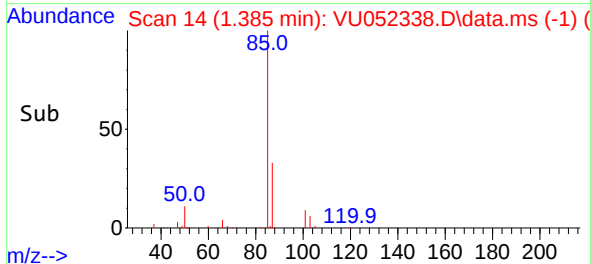
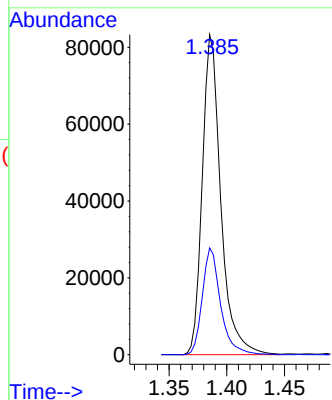
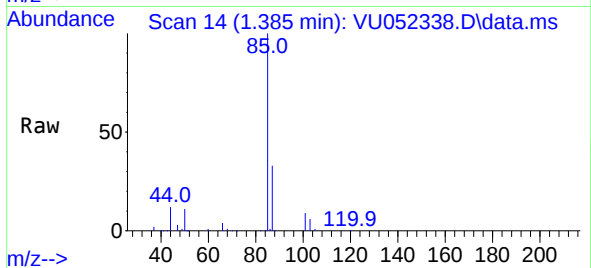
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.285 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

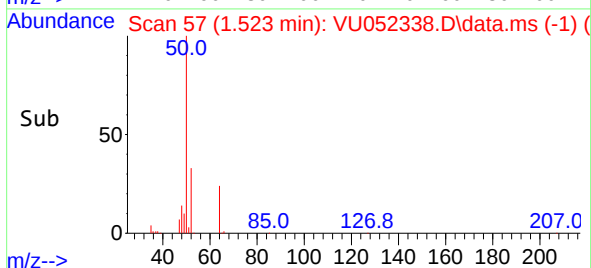
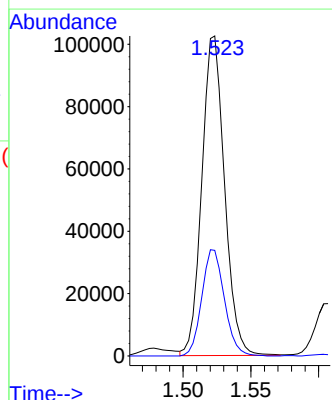
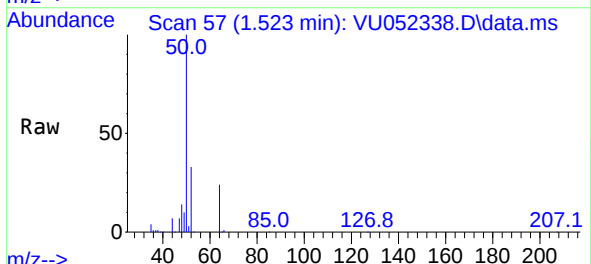
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

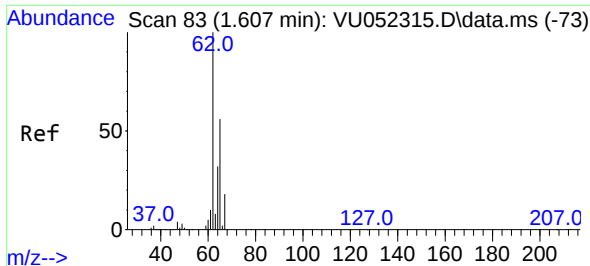
Tgt Ion: 85 Resp: 93122
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.8



#3
Chloromethane
Concen: 4.217 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 50 Resp: 119590
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.4

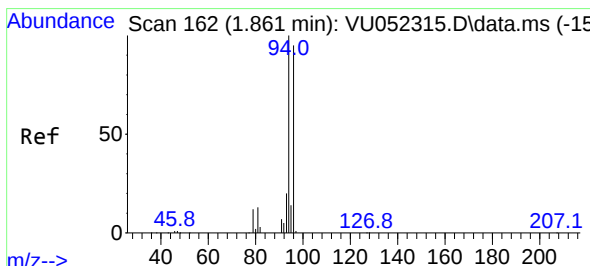
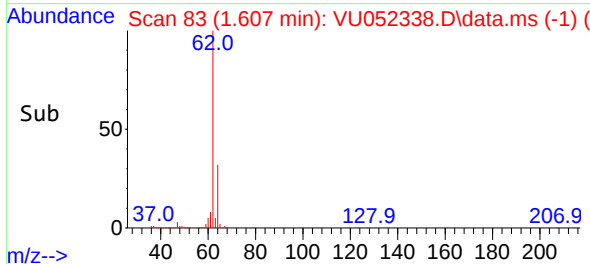
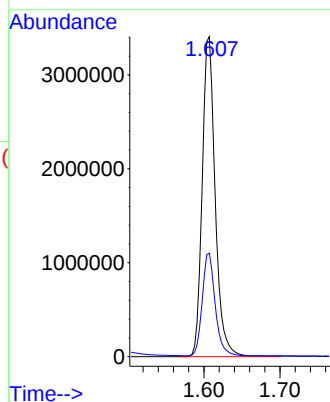
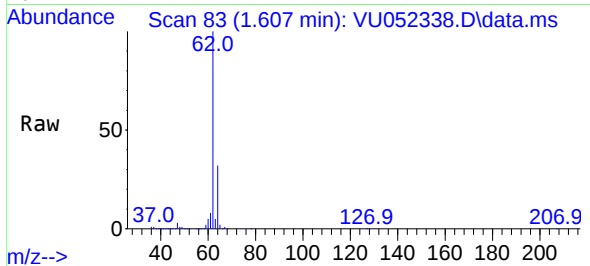




#5
 Vinyl chloride
 Concen: 148.588 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VU052338.D
 Acq: 10 Dec 2022 05:57

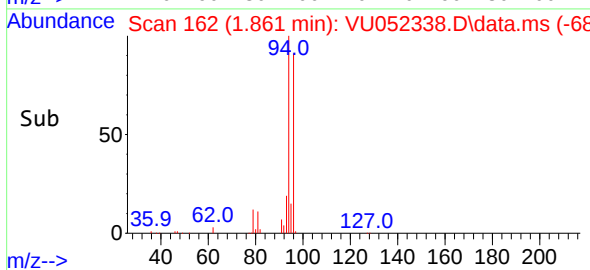
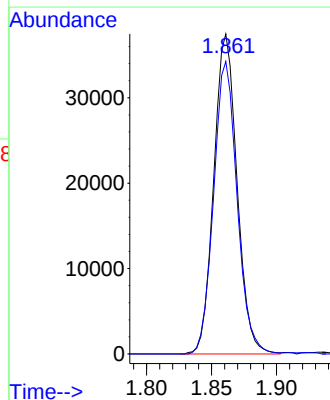
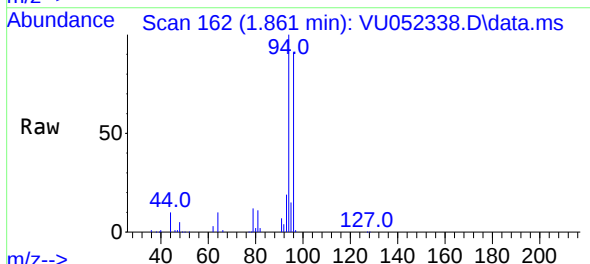
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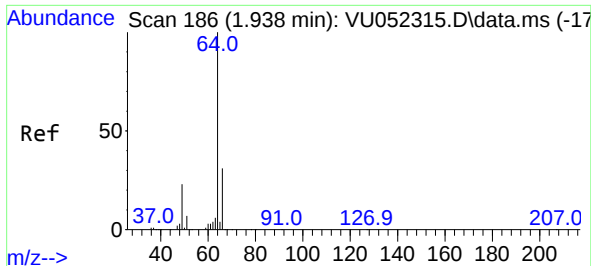
Tgt Ion: 62 Resp: 4048668
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.5 43.7



#6
 Bromomethane
 Concen: 3.328 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VU052338.D
 Acq: 10 Dec 2022 05:57

Tgt Ion: 94 Resp: 46527
 Ion Ratio Lower Upper
 94 100
 96 91.4 65.7 122.1

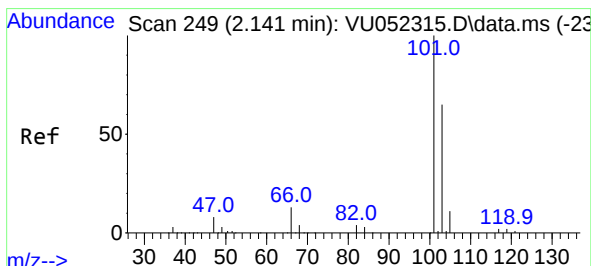
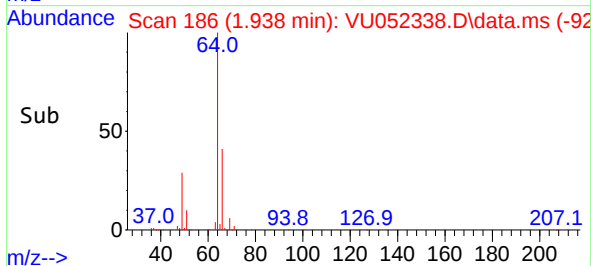
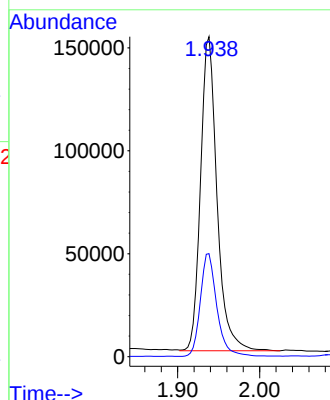
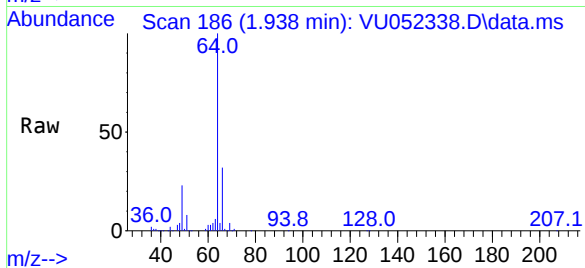




#8
Chloroethane
Concen: 12.551 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

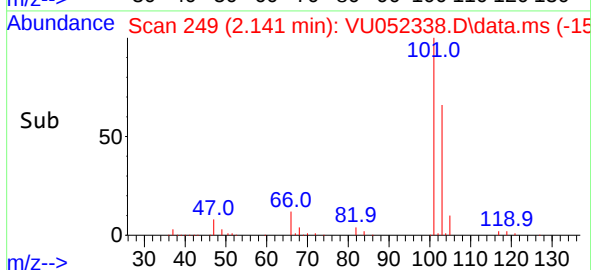
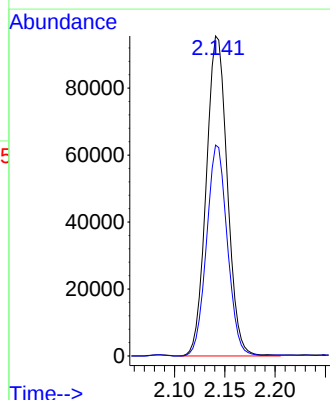
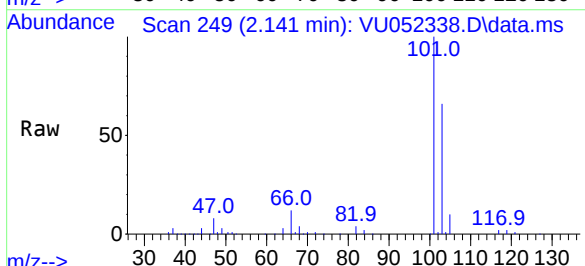
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ClientSampleId :
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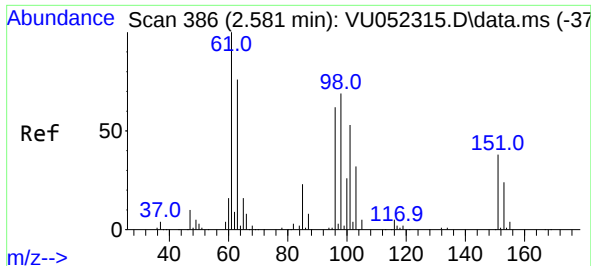
Tgt Ion: 64 Resp: 212665
Ion Ratio Lower Upper
64 100
66 32.2 21.1 39.1



#9
Trichlorofluoromethane
Concen: 4.650 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion:101 Resp: 139375
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

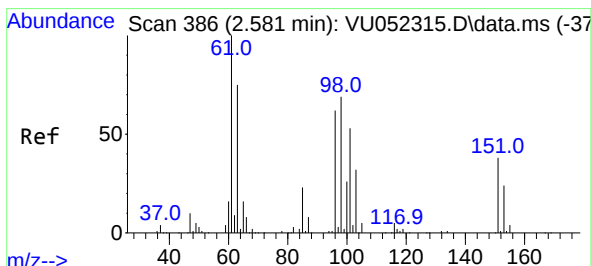
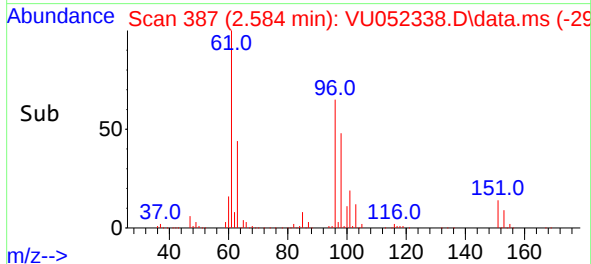
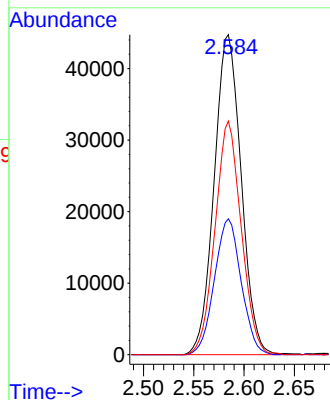
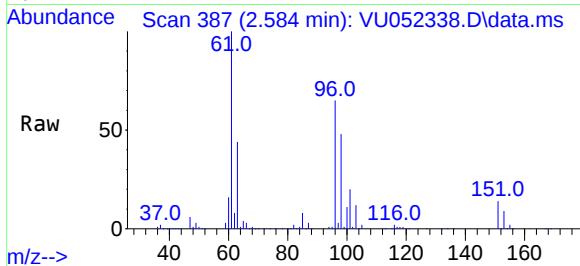




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.558 ug/L
RT: 2.584 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

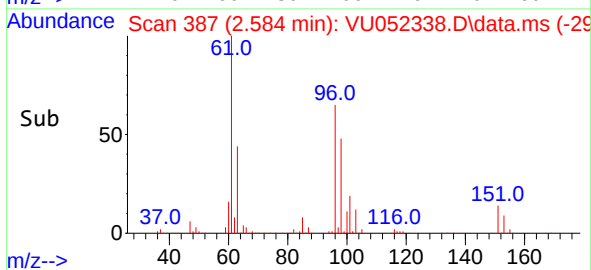
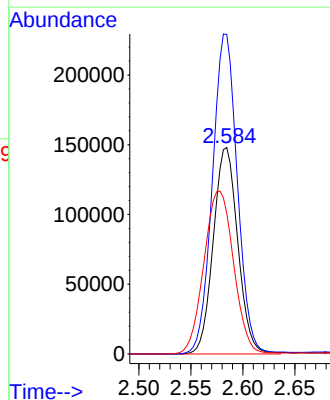
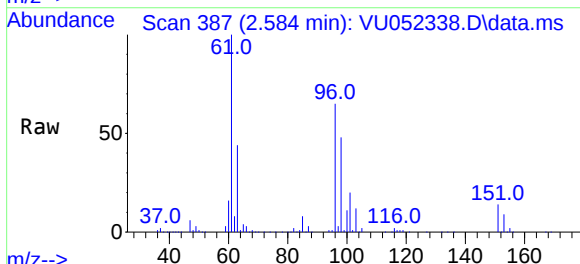
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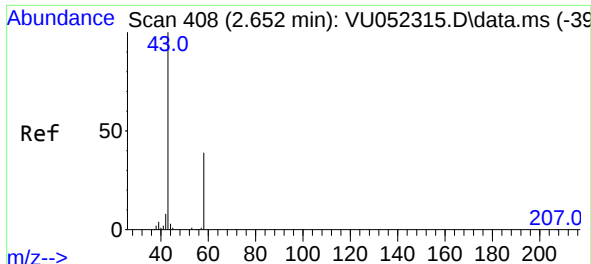
Tgt Ion:101 Resp: 83538
Ion Ratio Lower Upper
101 100
85 42.0 33.8 50.6
151 70.8 58.6 88.0



#12
1,1-Dichloroethene
Concen: 13.337 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 96 Resp: 242402
Ion Ratio Lower Upper
96 100
61 154.7 114.8 213.2
63 68.2 93.7 174.1#





#13

Acetone

Concen: 55.035 ug/L

RT: 2.649 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU052338.D

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Instrument :

MSVOA_U

ClientSampleId :

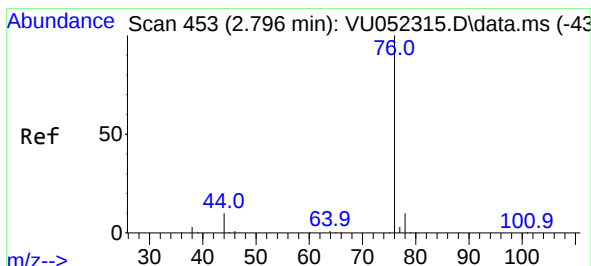
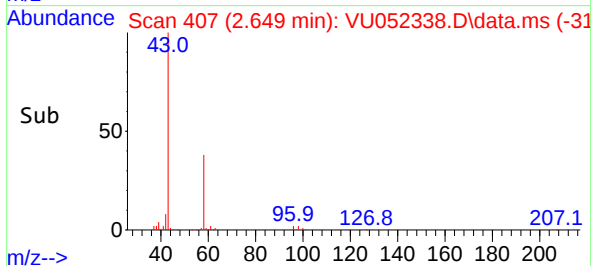
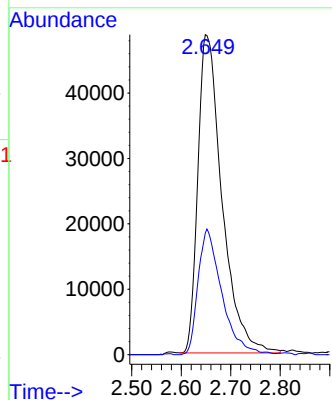
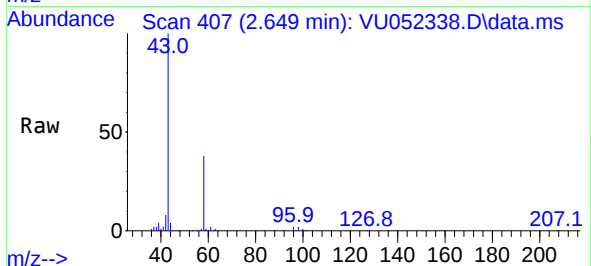
EXZ94MS

Tgt Ion: 43 Resp: 165089

Ion Ratio Lower Upper

43 100

58 38.5 0.0 76.0



#14

Carbon disulfide

Concen: 4.336 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.003 min

Lab File: VU052338.D

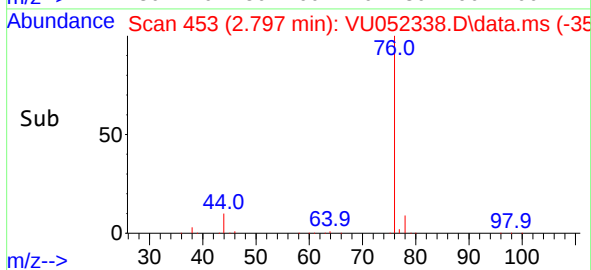
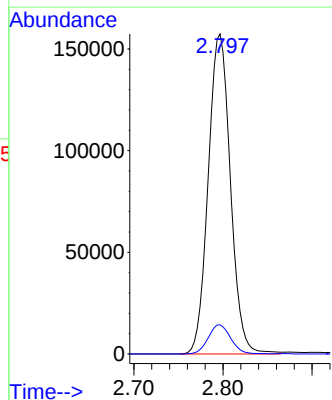
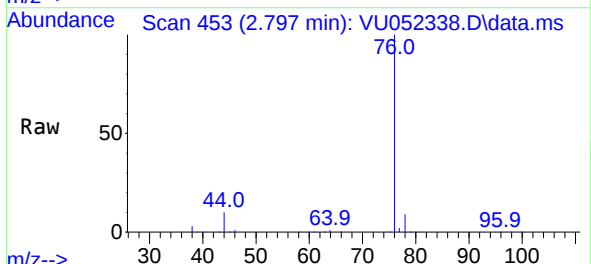
Acq: 10 Dec 2022 05:57

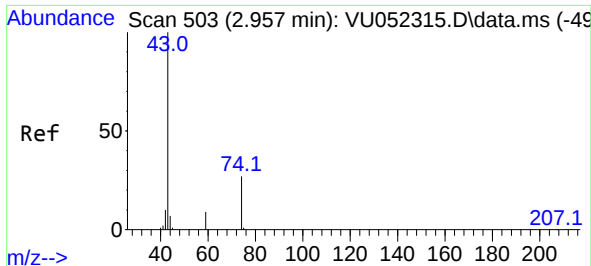
Tgt Ion: 76 Resp: 272803

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4

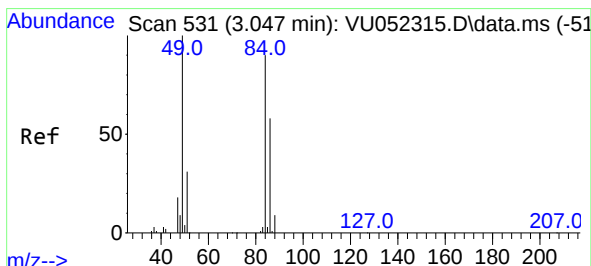
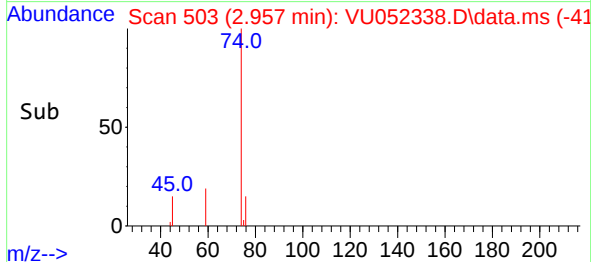
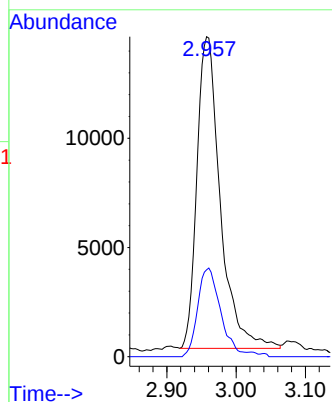
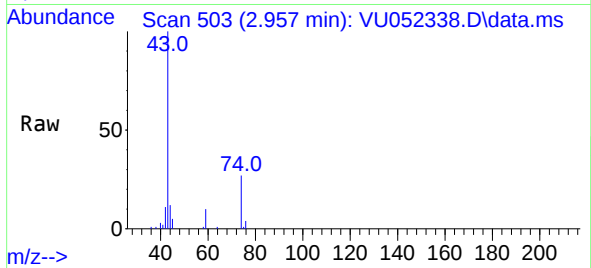




#15
Methyl Acetate
Concen: 4.300 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

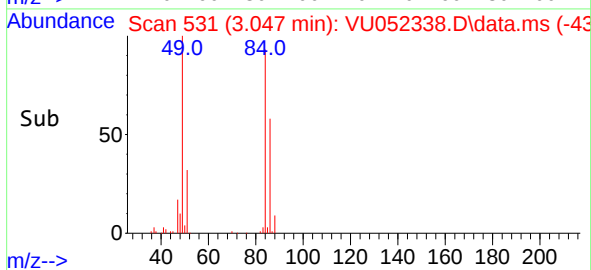
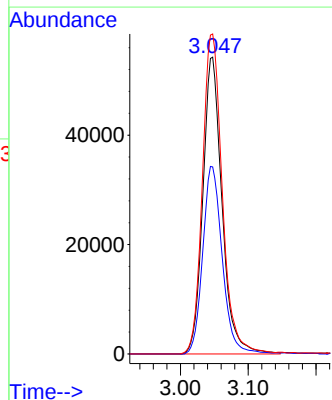
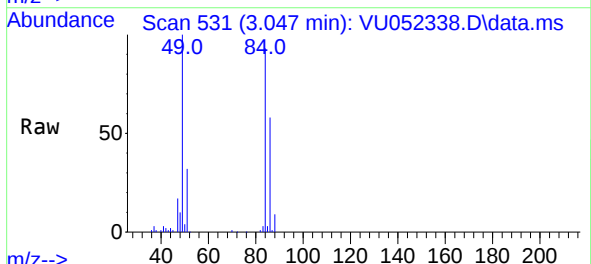
Instrument :
MSVOA_U
Client SampleId :
EXZ94MS

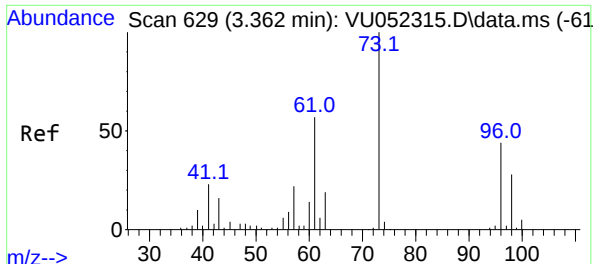
Tgt Ion: 43 Resp: 33458
Ion Ratio Lower Upper
43 100
74 27.7 21.3 31.9



#16
Methylene chloride
Concen: 4.334 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 84 Resp: 106573
Ion Ratio Lower Upper
84 100
86 63.0 43.8 81.4
49 107.8 75.9 141.1

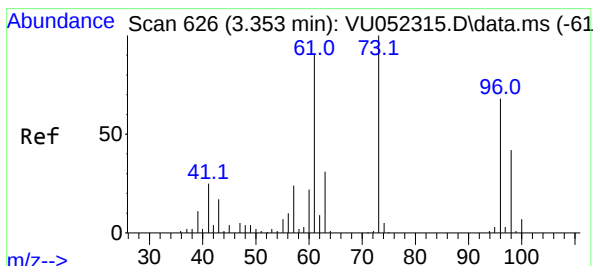
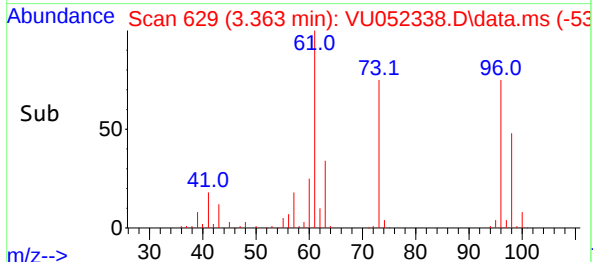
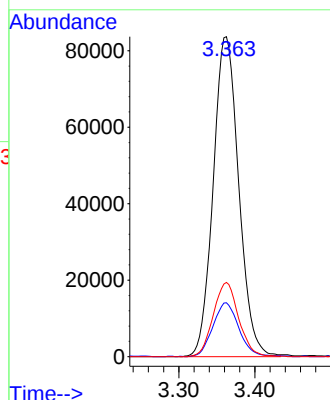
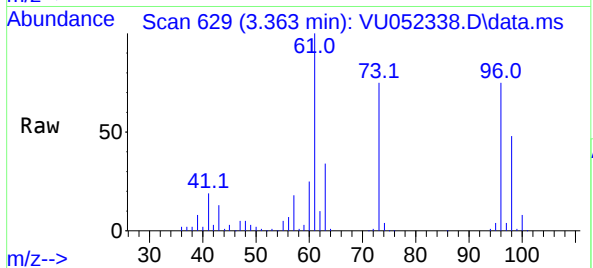




#17
Methyl tert-butyl Ether
Concen: 4.799 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

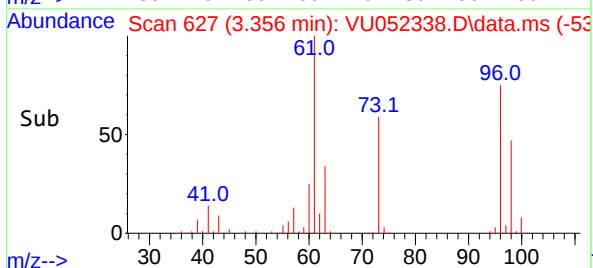
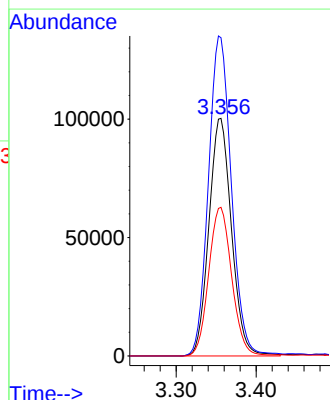
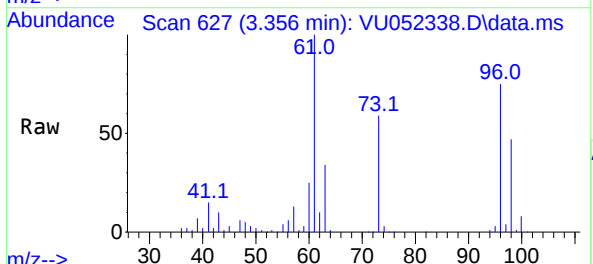
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

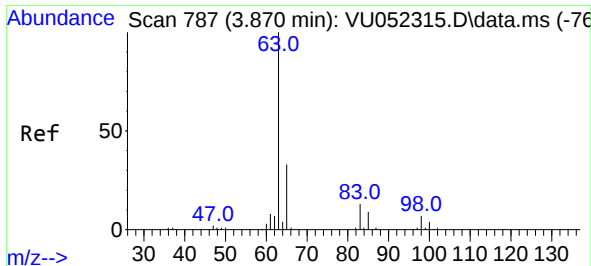
Tgt Ion: 73 Resp: 195250
Ion Ratio Lower Upper
73 100
43 17.3 13.2 19.8
57 23.1 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 10.118 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 96 Resp: 197133
Ion Ratio Lower Upper
96 100
61 133.9 97.9 181.7
98 62.6 43.8 81.3



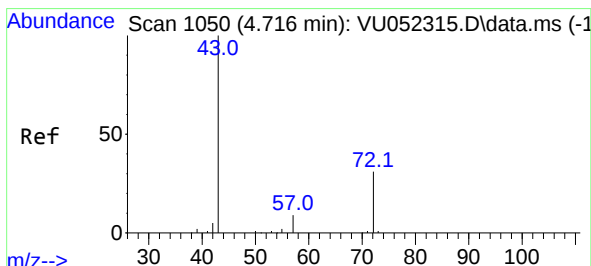
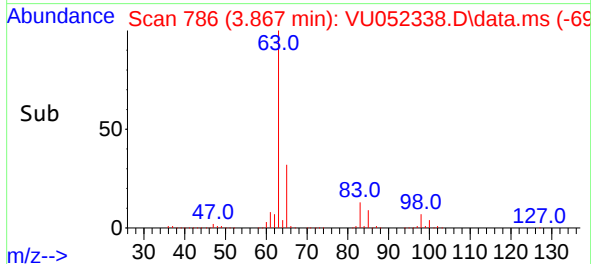
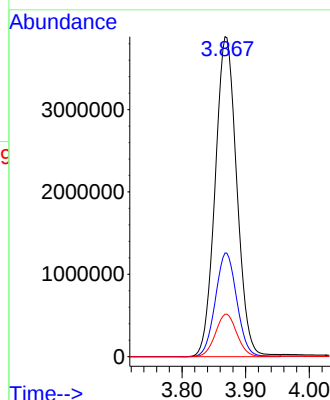
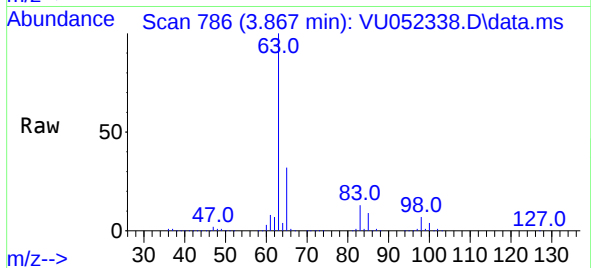


#19
1,1-Dichloroethane
Concen: 261.135 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

Tgt Ion: 63 Resp: 9169517

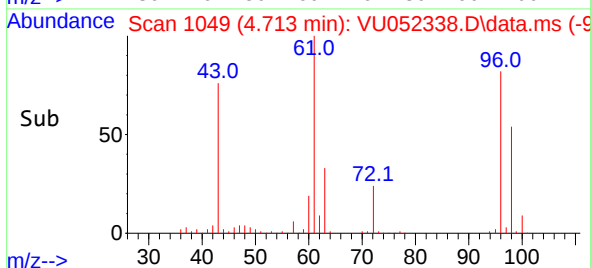
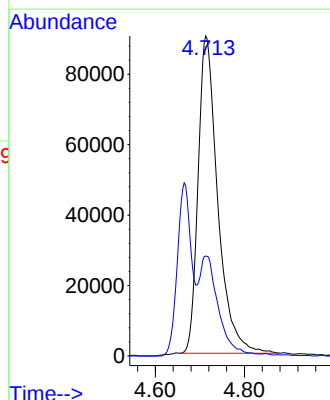
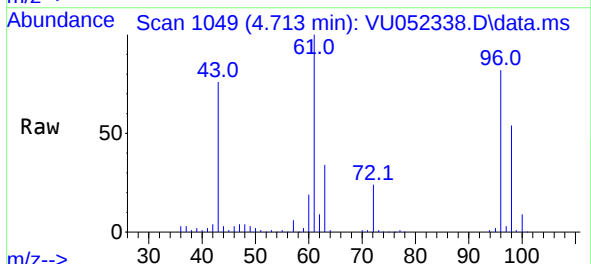
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.2	41.2
83	13.2	9.2	17.0

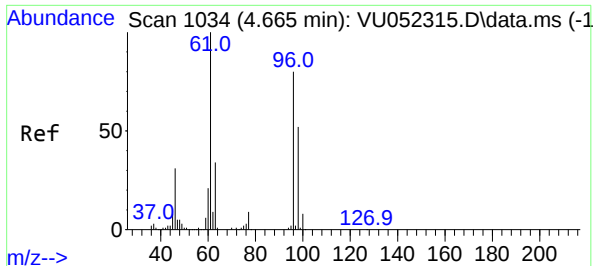


#21
2-Butanone
Concen: 57.482 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 43 Resp: 276366

Ion	Ratio	Lower	Upper
43	100		
72	29.2	15.6	46.8

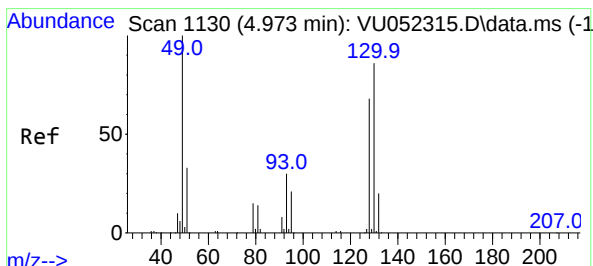
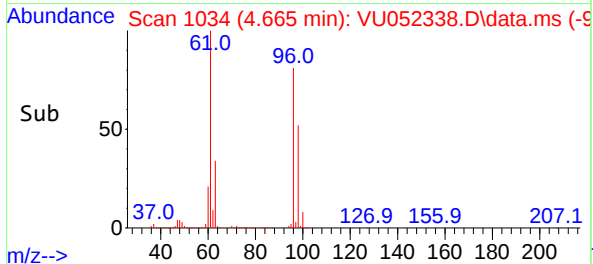
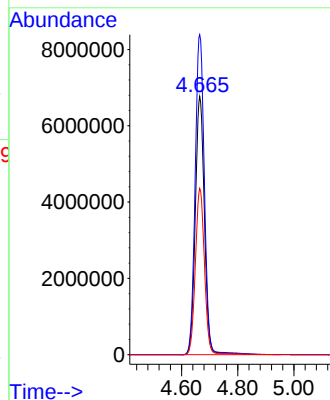
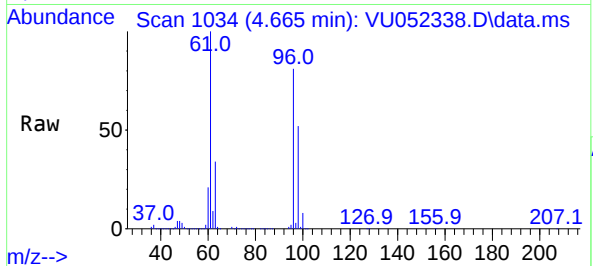




#22
cis-1,2-Dichloroethene
Concen: 750.158 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

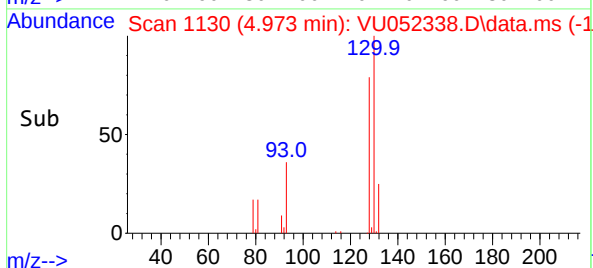
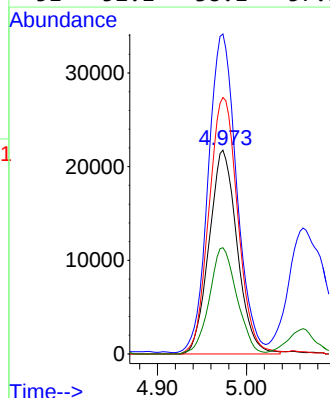
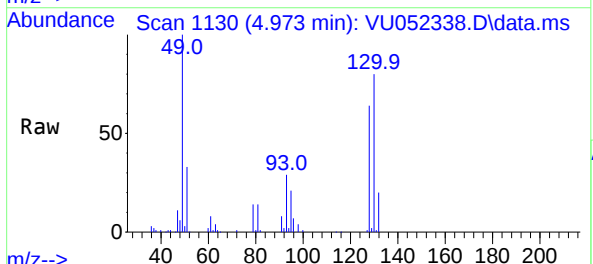
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

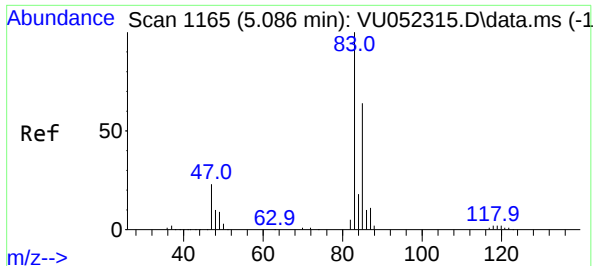
Tgt Ion: 96 Resp:15338615
Ion Ratio Lower Upper
96 100
61 123.9 85.1 158.1
98 64.4 42.8 79.6



#23
Bromochloromethane
Concen: 4.862 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion:128 Resp: 47561
Ion Ratio Lower Upper
128 100
49 157.0 104.0 193.2
130 125.9 84.6 157.2
51 52.1 38.1 57.1





#25

Chloroform

Concen: 5.002 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU052338.D

Acq: 10 Dec 2022 05:57

Instrument :

MSVOA_U

ClientSampleId :

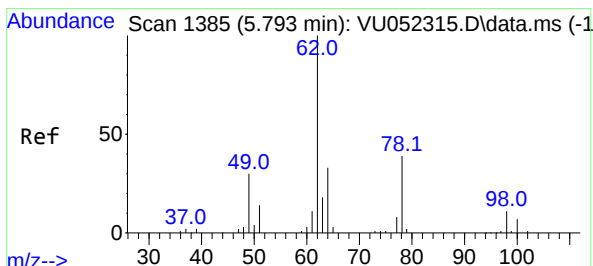
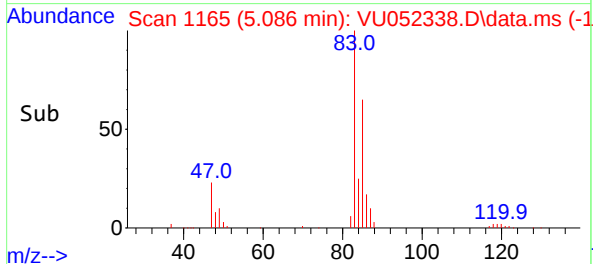
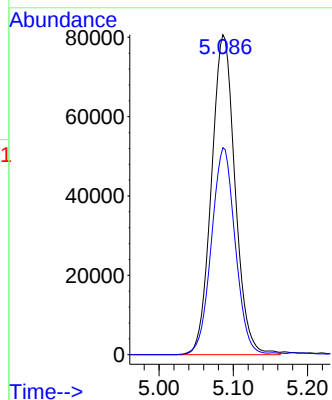
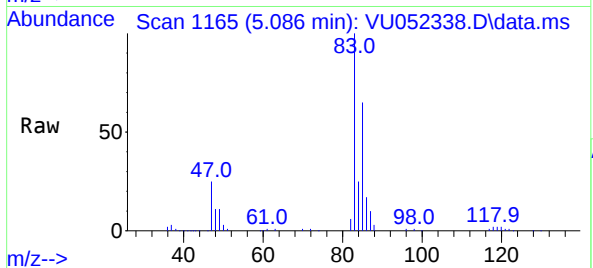
EXZ94MS

Tgt Ion: 83 Resp: 177960

Ion Ratio Lower Upper

83 100

85 64.7 43.8 81.4



#27

1,2-Dichloroethane

Concen: 6.556 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU052338.D

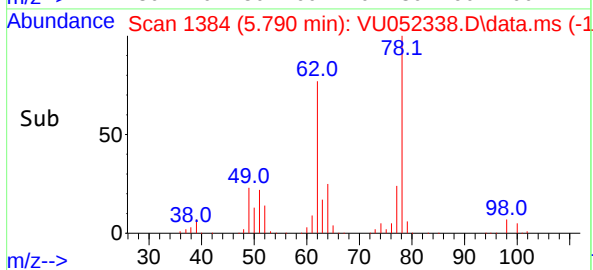
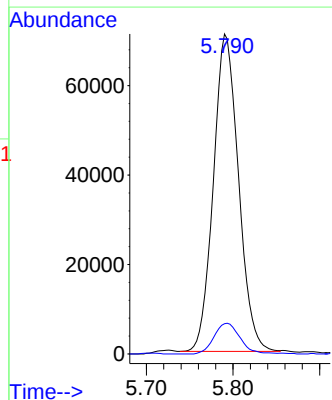
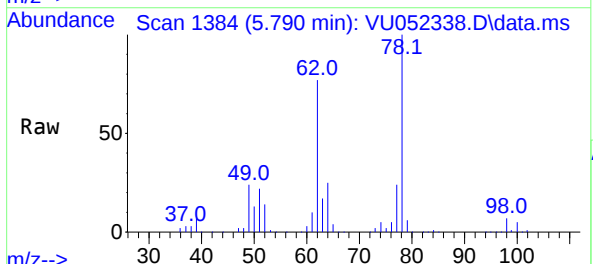
Acq: 10 Dec 2022 05:57

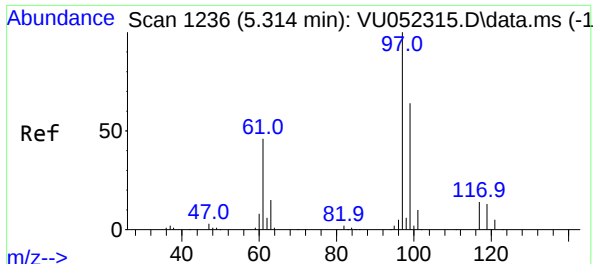
Tgt Ion: 62 Resp: 142879

Ion Ratio Lower Upper

62 100

98 9.4 8.4 12.6



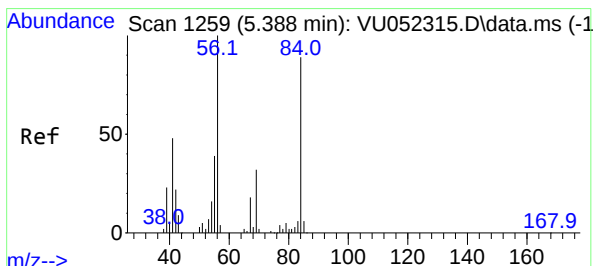
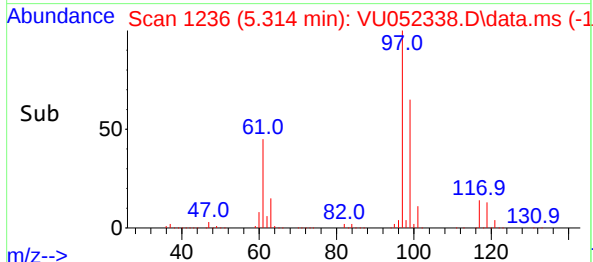
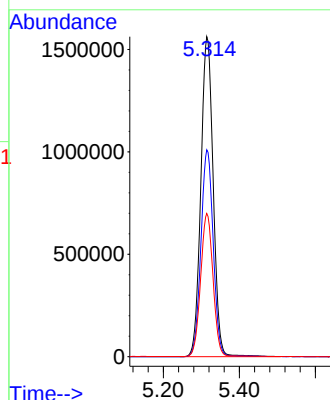
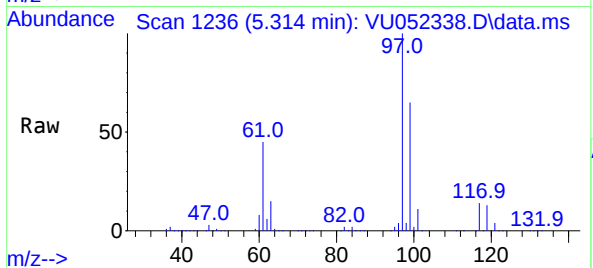


#29
1,1,1-Trichloroethane
Concen: 126.345 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

Tgt Ion: 97 Resp: 3519630

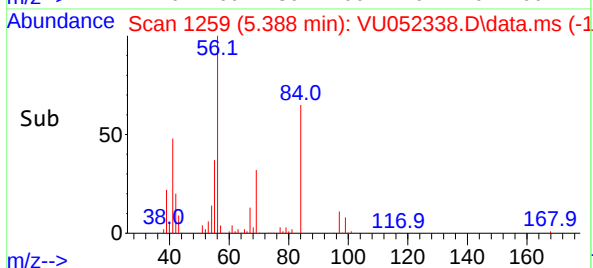
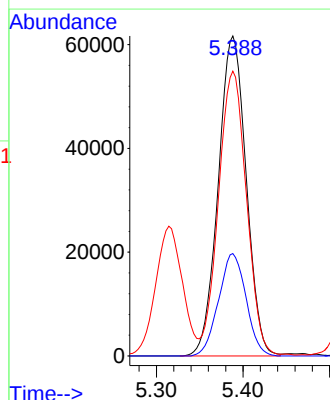
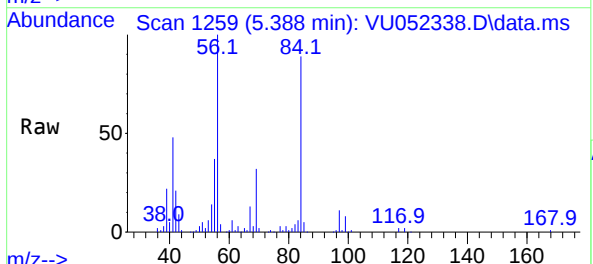
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.6
61	44.7	36.9	55.3

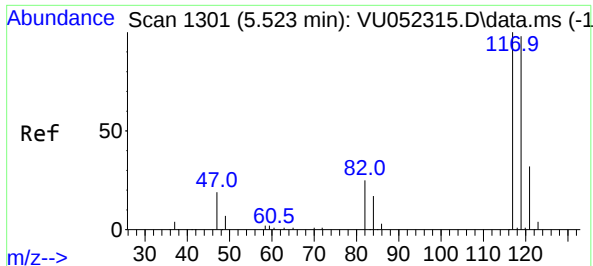


#30
Cyclohexane
Concen: 5.111 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 56 Resp: 138252

Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.6	38.4
84	89.3	72.0	108.0

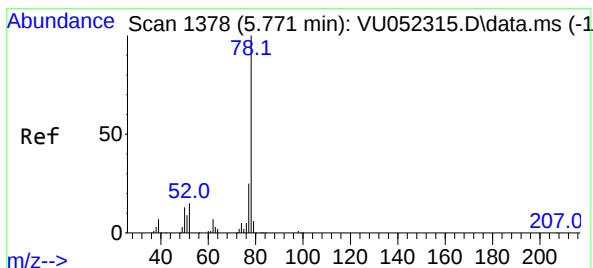
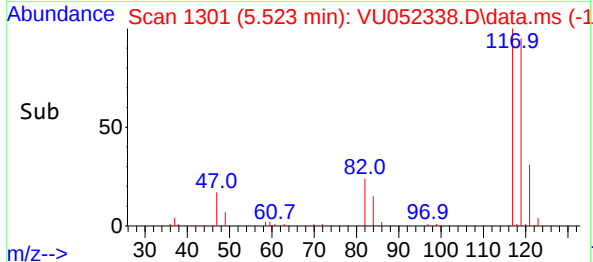
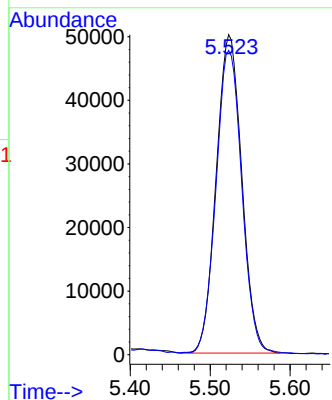
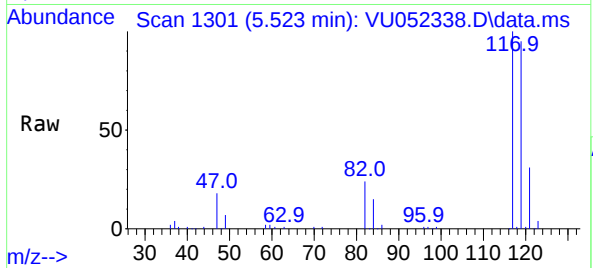




#31
Carbon tetrachloride
Concen: 4.683 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

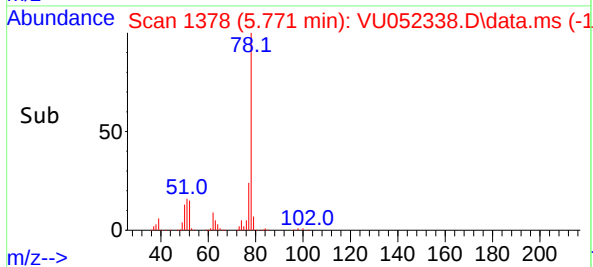
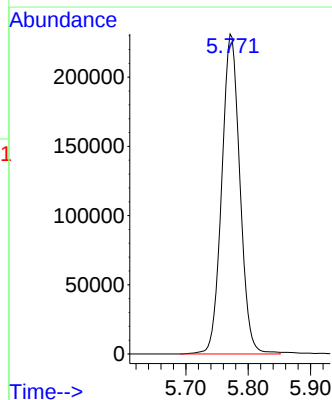
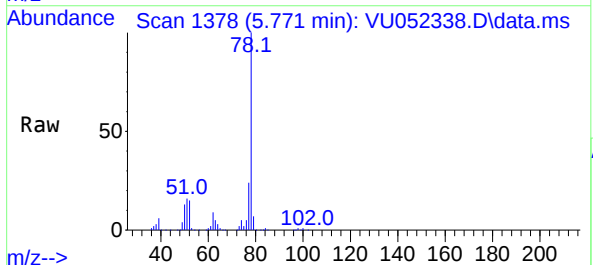
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

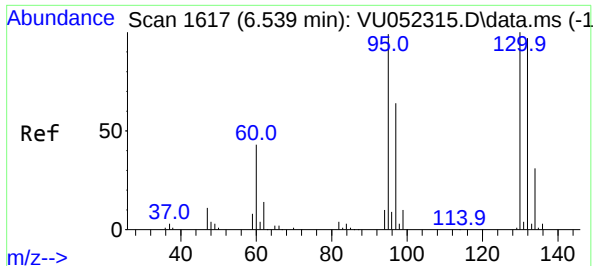
Tgt Ion:117 Resp: 110847
Ion Ratio Lower Upper
117 100
119 95.8 77.2 115.8



#33
Benzene
Concen: 5.715 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 78 Resp: 467001



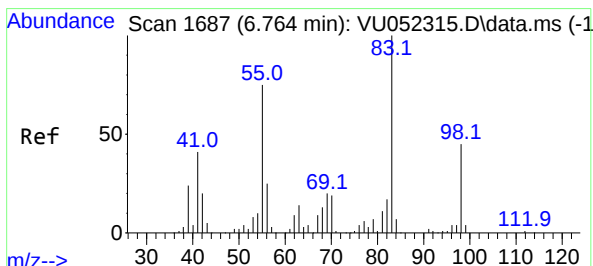
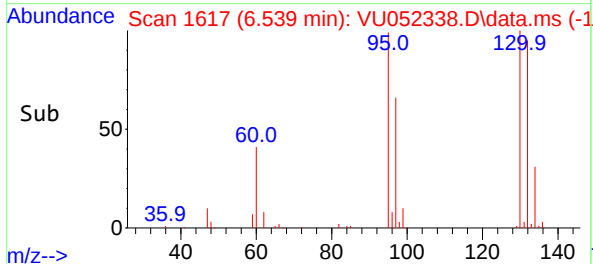
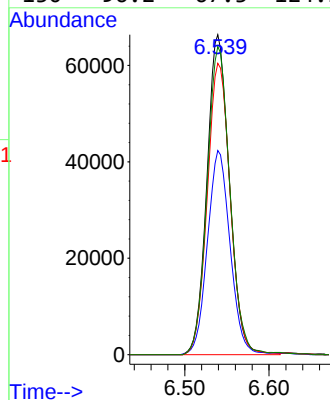
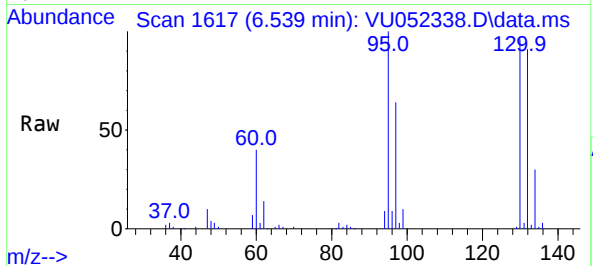


#34
Trichloroethene
Concen: 6.050 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

Tgt Ion: 95 Resp: 123311

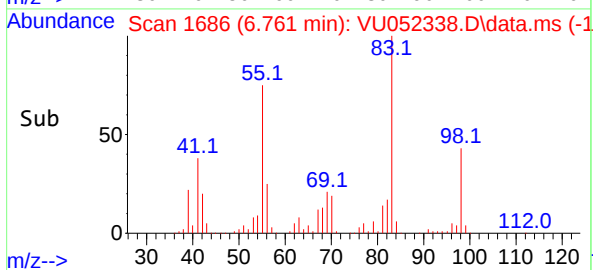
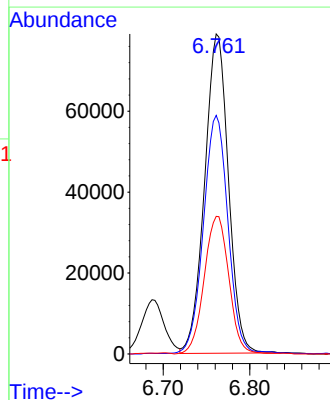
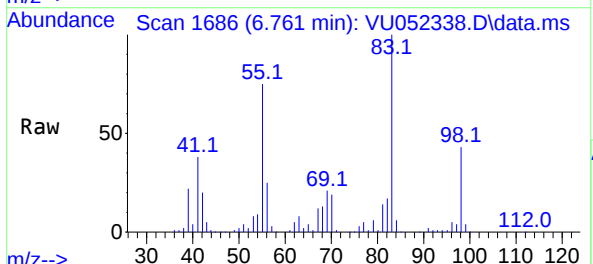
Ion	Ratio	Lower	Upper
95	100		
97	63.8	43.7	81.1
132	91.0	64.3	119.3
130	96.2	67.3	124.9

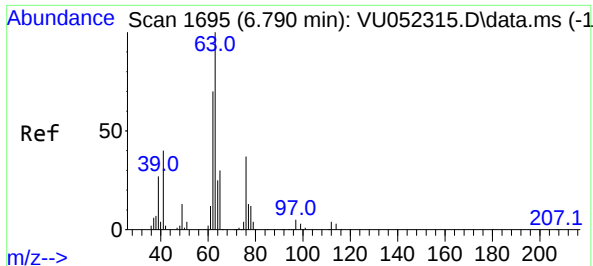


#35
Methylcyclohexane
Concen: 5.153 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 83 Resp: 151085

Ion	Ratio	Lower	Upper
83	100		
55	77.7	60.8	91.2
98	44.6	35.1	52.7





#37

1,2-Dichloropropane

Concen: 5.051 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052338.D

Acq: 10 Dec 2022 05:57

Instrument :

MSVOA_U

ClientSampleId :

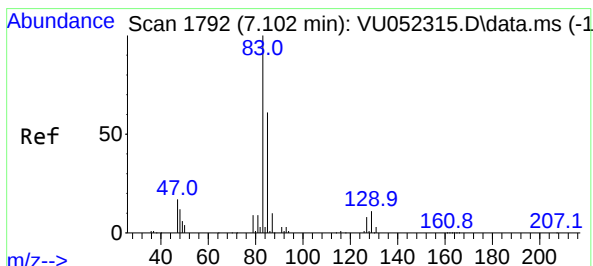
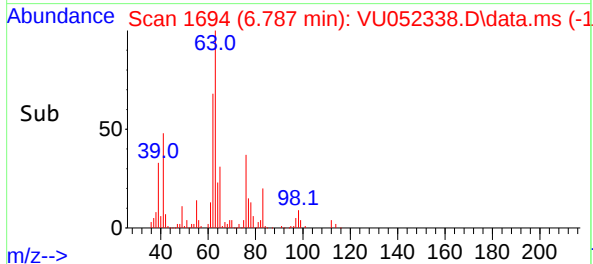
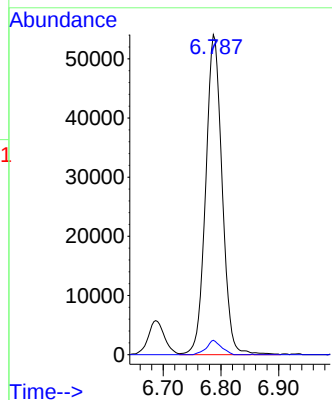
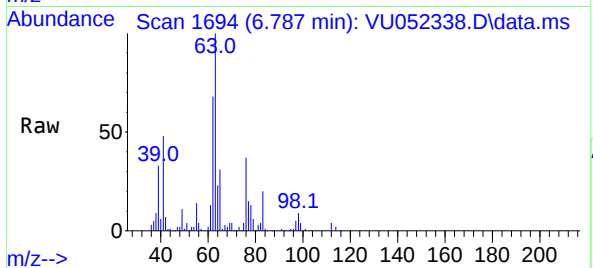
EXZ94MS

Tgt Ion: 63 Resp: 106856

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 4.905 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052338.D

Acq: 10 Dec 2022 05:57

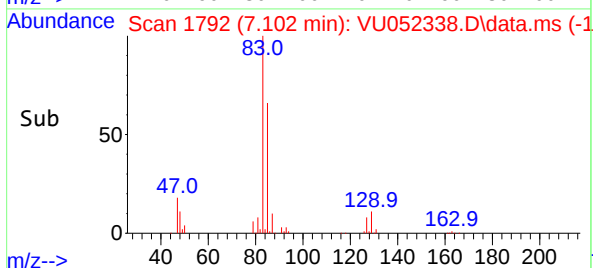
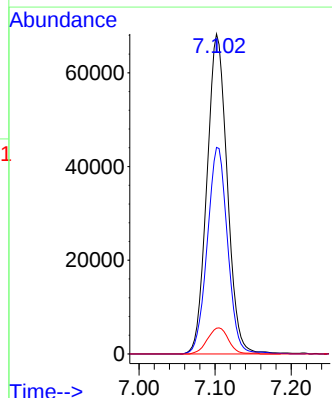
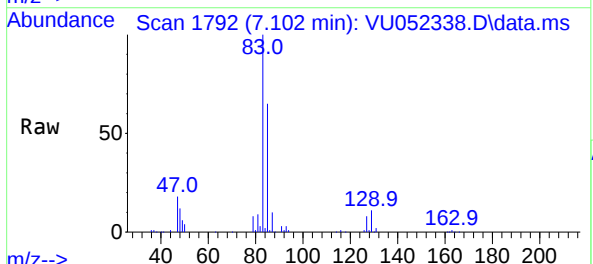
Tgt Ion: 83 Resp: 126525

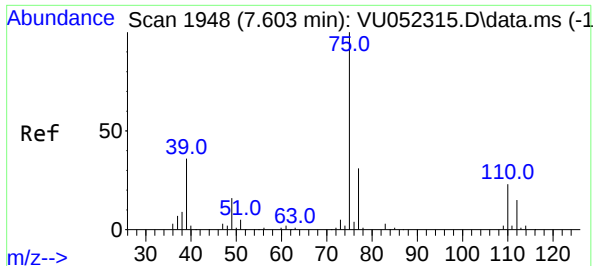
Ion Ratio Lower Upper

83 100

85 64.6 43.5 80.9

127 8.1 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.507 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU052338.D

Acq: 10 Dec 2022 05:57

Instrument :

MSVOA_U

ClientSampleId :

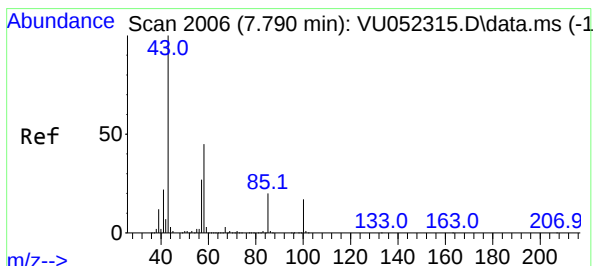
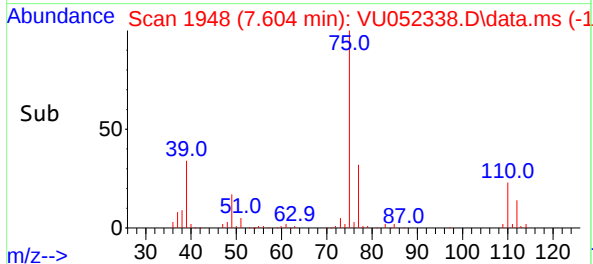
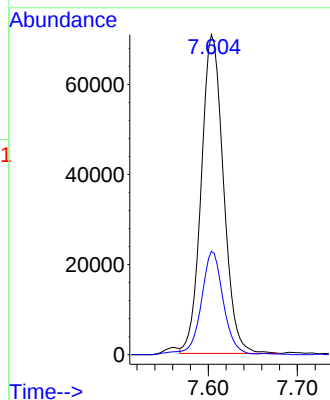
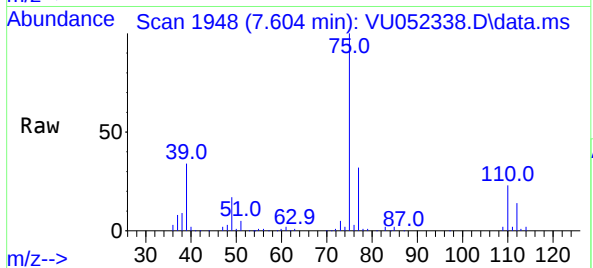
EXZ94MS

Tgt Ion: 75 Resp: 122421

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 56.315 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU052338.D

Acq: 10 Dec 2022 05:57

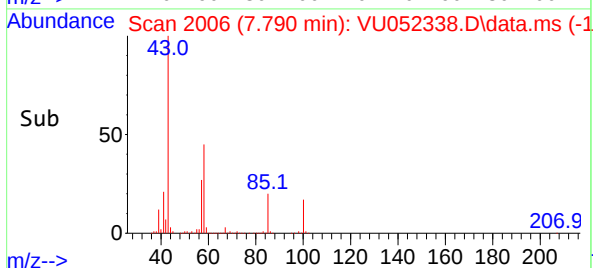
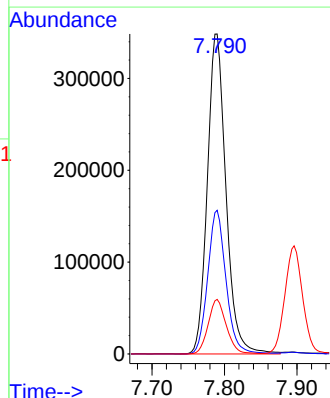
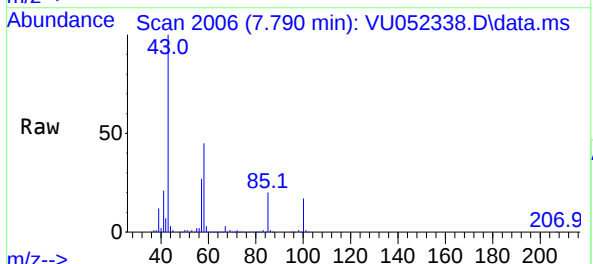
Tgt Ion: 43 Resp: 622367

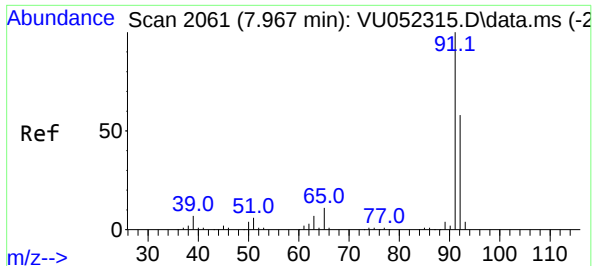
Ion Ratio Lower Upper

43 100

58 44.2 35.3 52.9

100 16.6 13.6 20.4

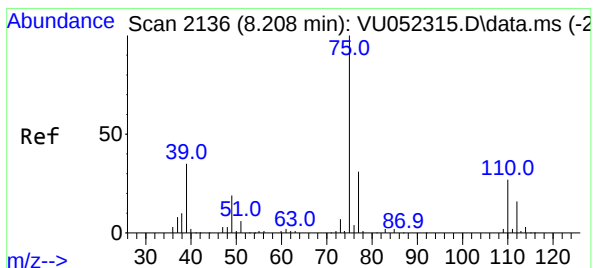
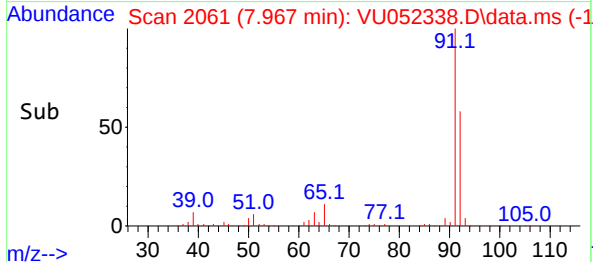
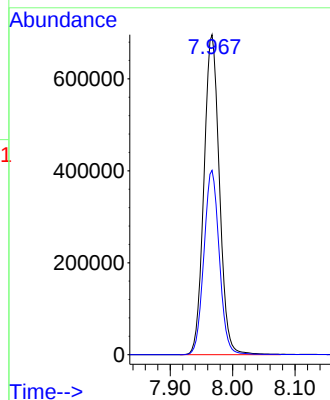
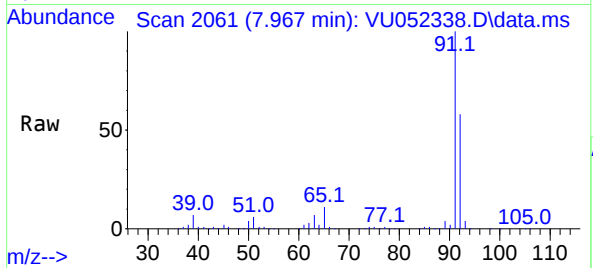




#42
Toluene
Concen: 14.324 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

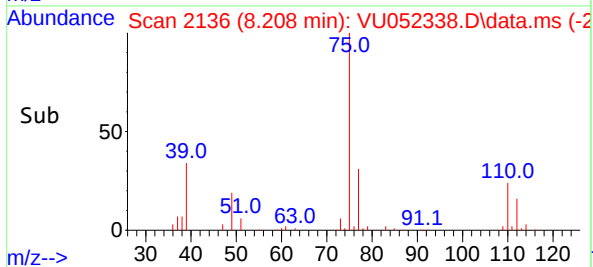
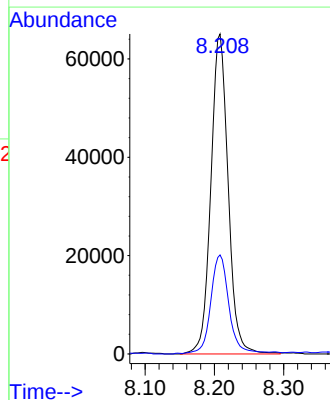
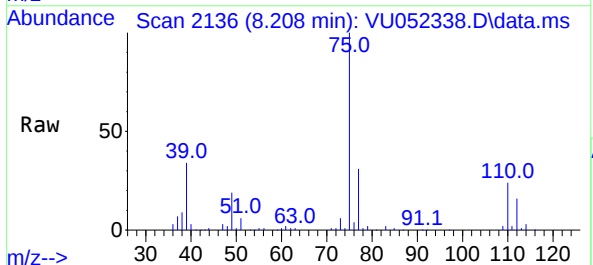
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

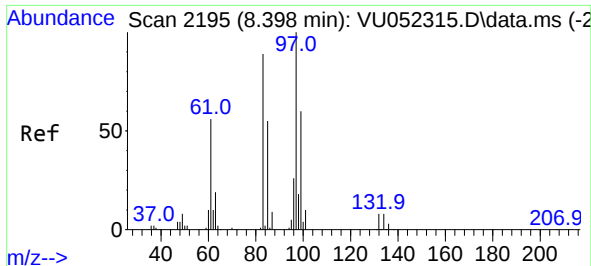
Tgt Ion: 91 Resp: 1203965
Ion Ratio Lower Upper
91 100
92 57.6 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 4.836 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 75 Resp: 112492
Ion Ratio Lower Upper
75 100
77 30.9 22.6 42.0



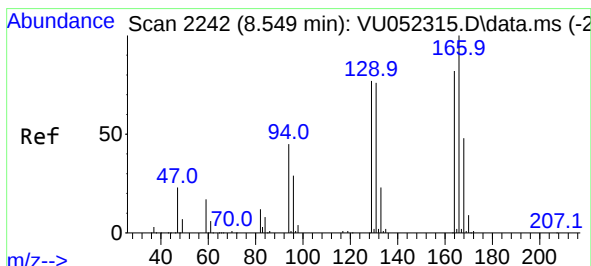
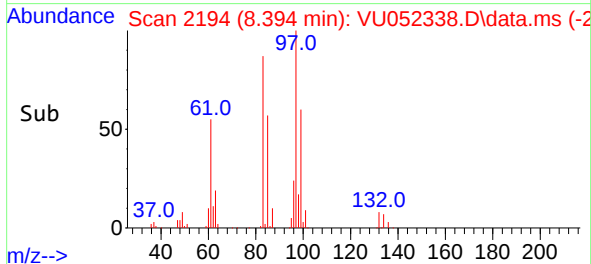
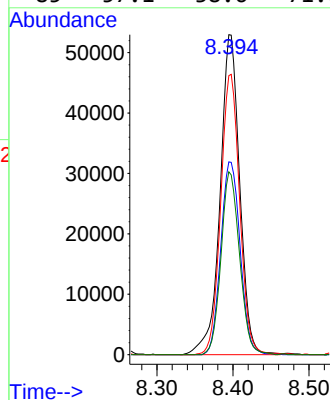
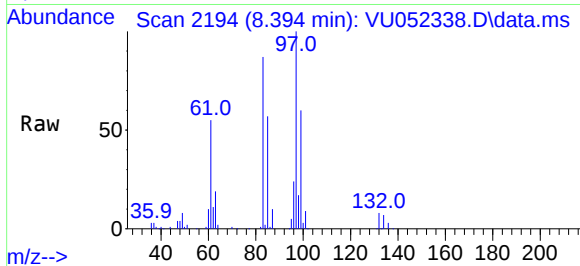


#45
1,1,2-Trichloroethane
Concen: 5.959 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

Tgt Ion: 97 Resp: 94744

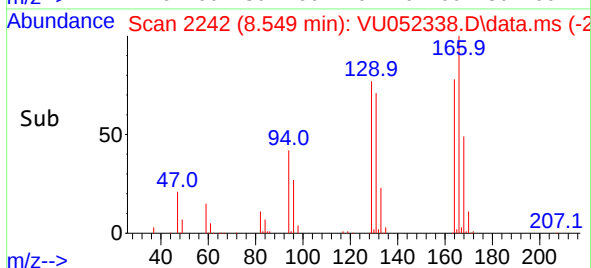
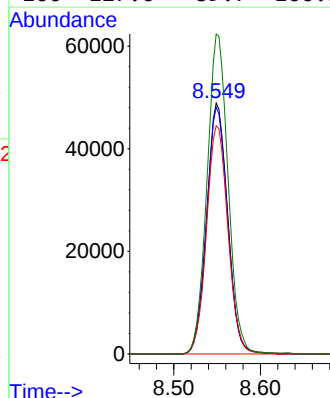
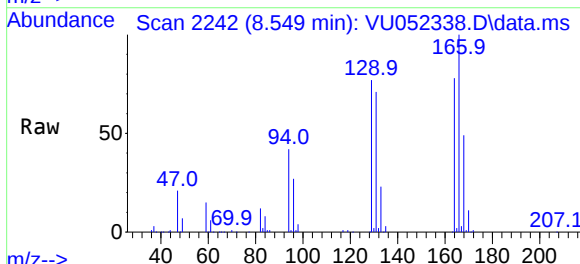
Ion	Ratio	Lower	Upper
97	100		
99	60.2	42.6	79.2
83	87.2	60.7	112.7
85	57.1	38.6	71.6

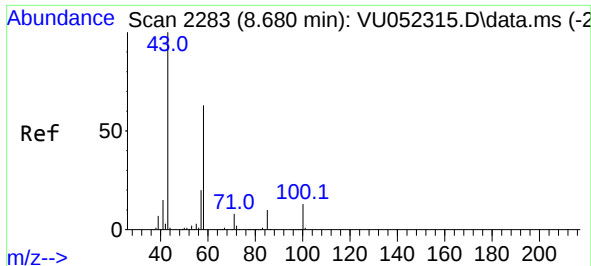


#47
Tetrachloroethene
Concen: 5.285 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 164 Resp: 82557

Ion	Ratio	Lower	Upper
164	100		
129	98.4	67.4	125.2
131	91.0	67.1	124.7
166	127.6	89.7	166.5

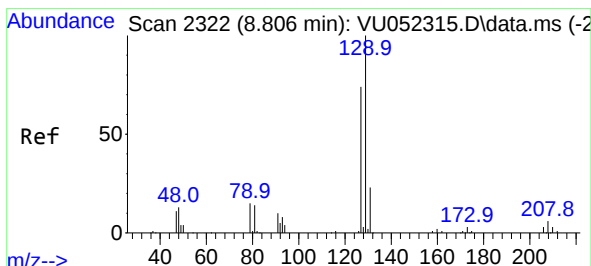
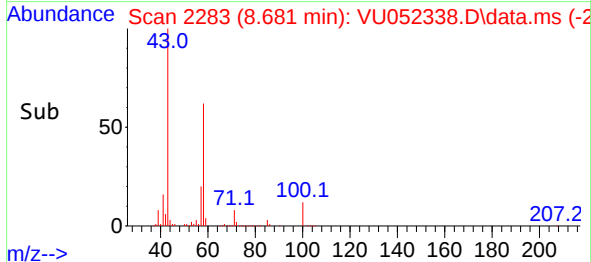
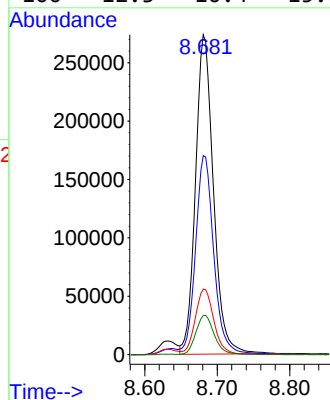
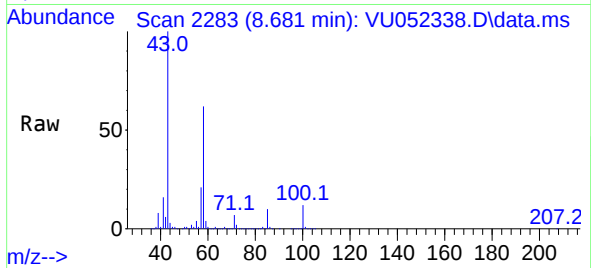




#48
2-Hexanone
Concen: 58.093 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

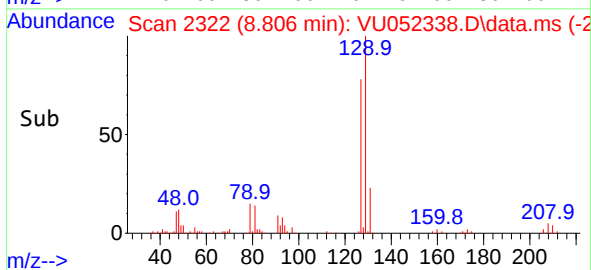
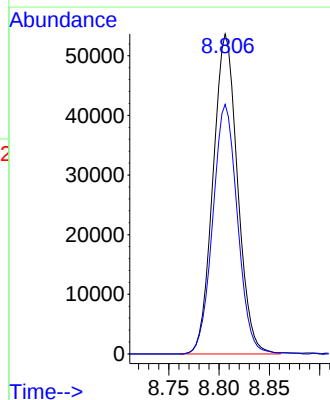
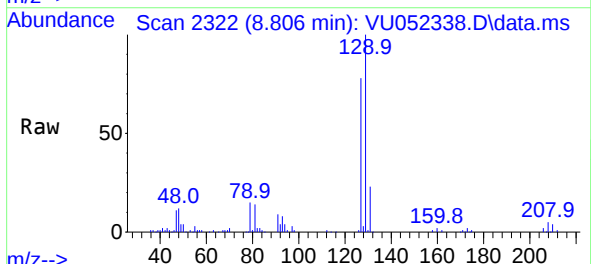
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

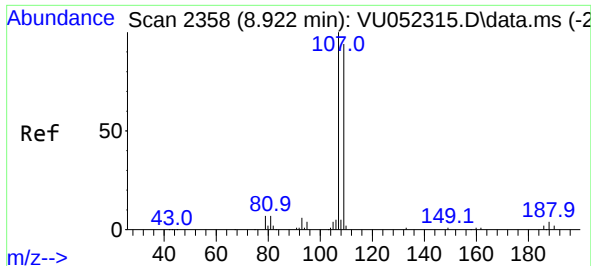
Tgt Ion: 43 Resp: 470672
Ion Ratio Lower Upper
43 100
58 63.3 49.4 74.0
57 21.2 16.3 24.5
100 12.3 10.4 15.6



#49
Dibromochloromethane
Concen: 5.118 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 129 Resp: 91129
Ion Ratio Lower Upper
129 100
127 78.0 52.8 98.2

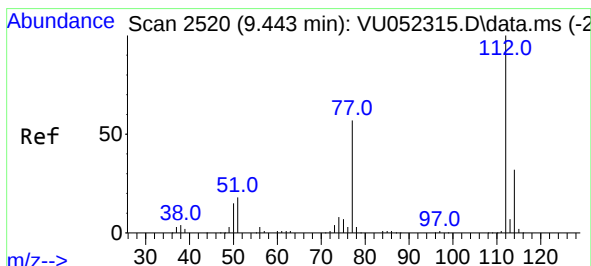
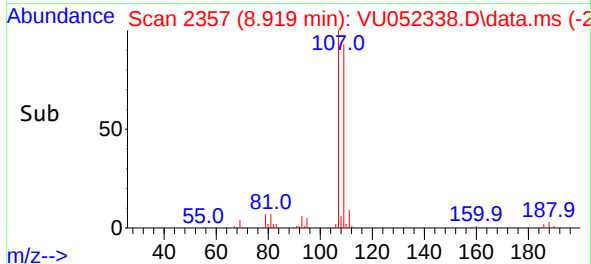
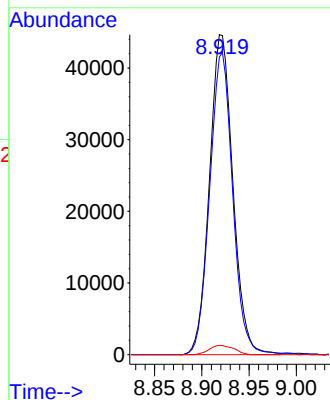
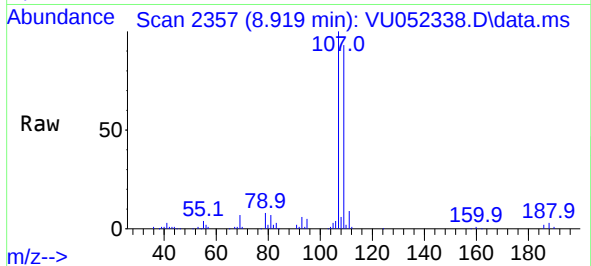




#50
1,2-Dibromoethane
Concen: 5.317 ug/L
RT: 8.919 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

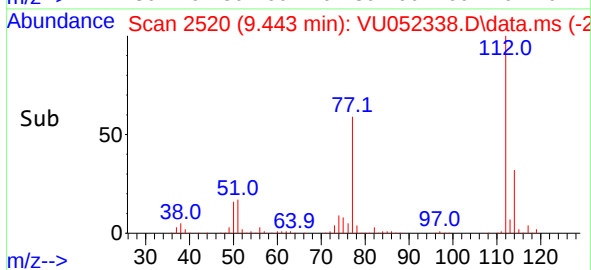
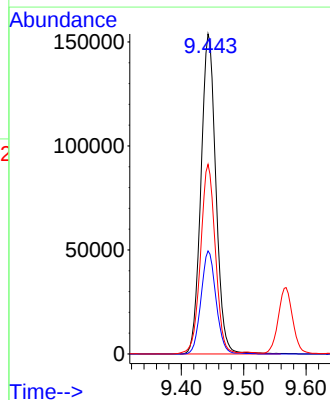
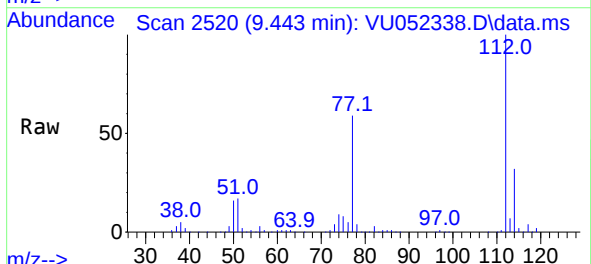
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

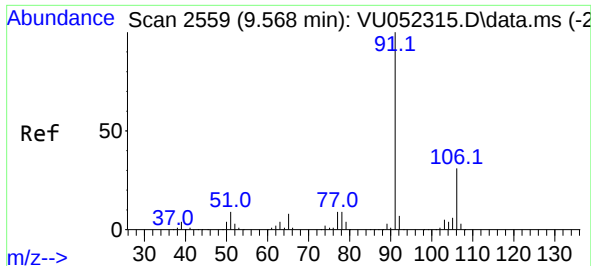
Tgt Ion:107 Resp: 76995
Ion Ratio Lower Upper
107 100
109 93.0 64.9 120.5
188 2.9 2.6 4.0



#51
Chlorobenzene
Concen: 4.773 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion:112 Resp: 255788
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 59.3 46.6 70.0

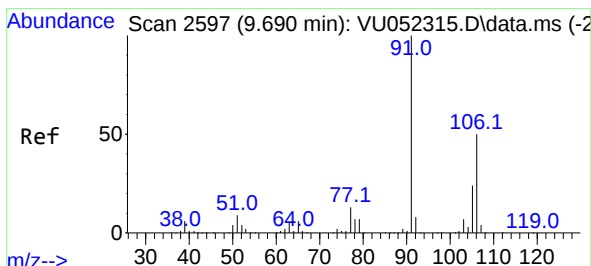
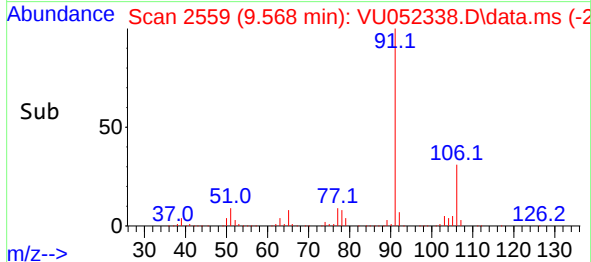
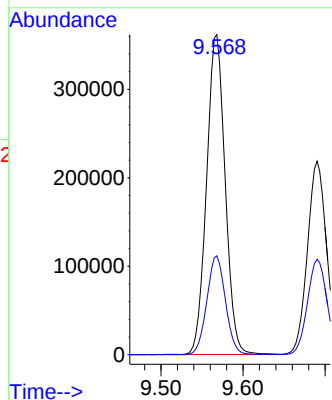
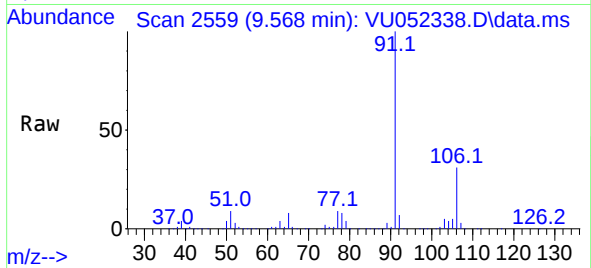




#52
Ethylbenzene
Concen: 6.963 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

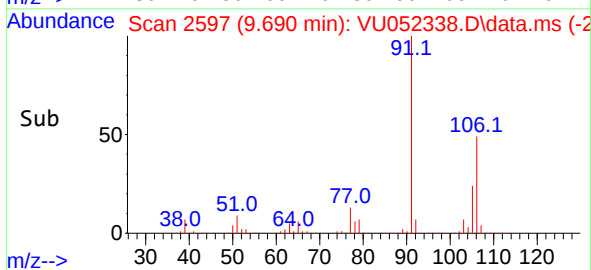
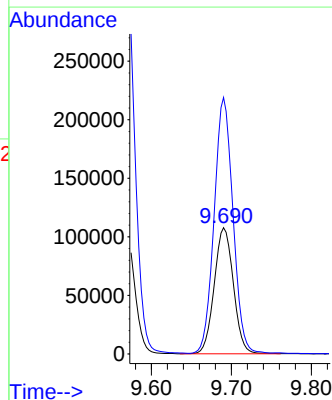
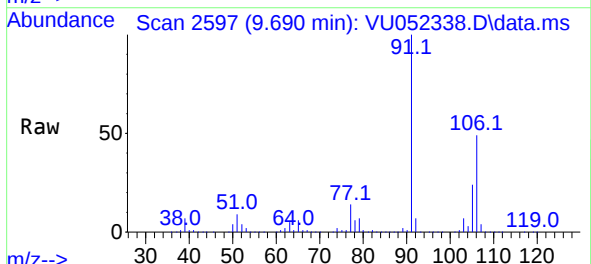
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

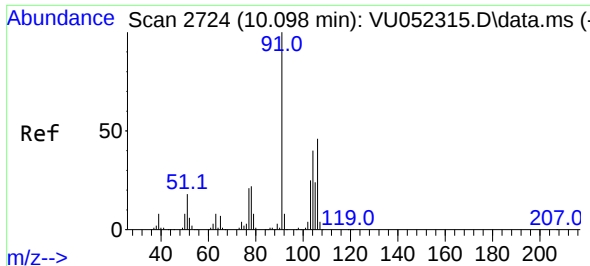
Tgt Ion: 91 Resp: 568965
Ion Ratio Lower Upper
91 100
106 30.9 22.3 41.3



#53
m,p-Xylene
Concen: 5.662 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 106 Resp: 179156
Ion Ratio Lower Upper
106 100
91 203.0 137.7 255.7

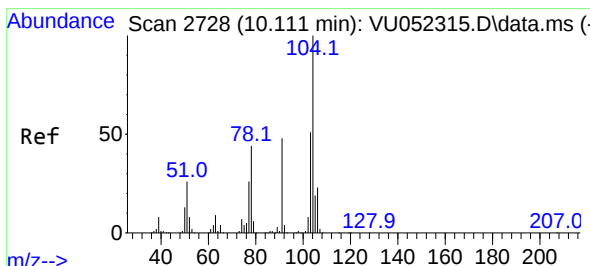
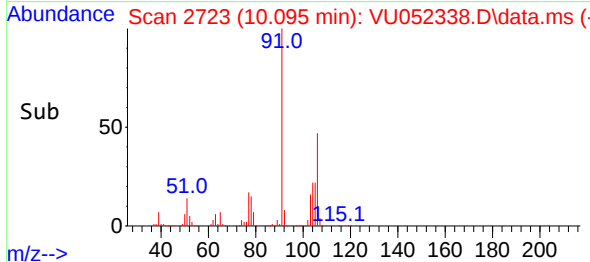
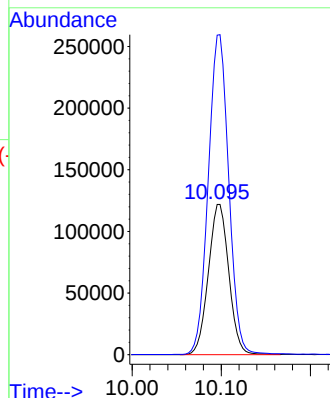
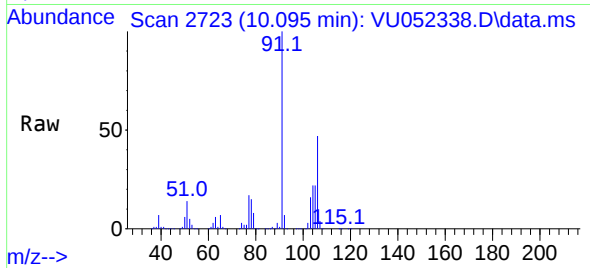




#54
o-Xylene
Concen: 6.412 ug/L
RT: 10.095 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

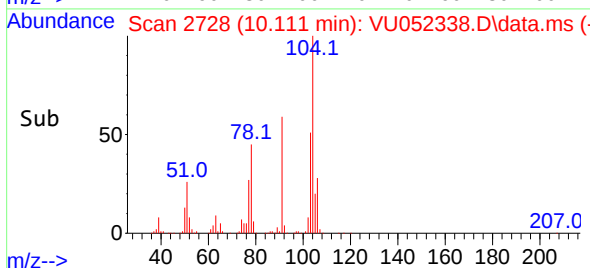
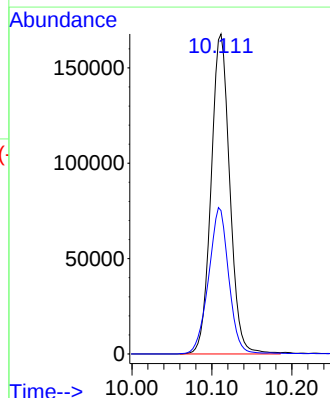
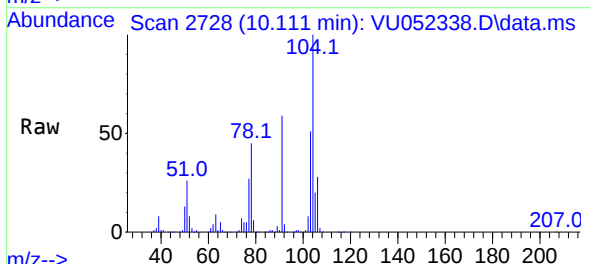
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

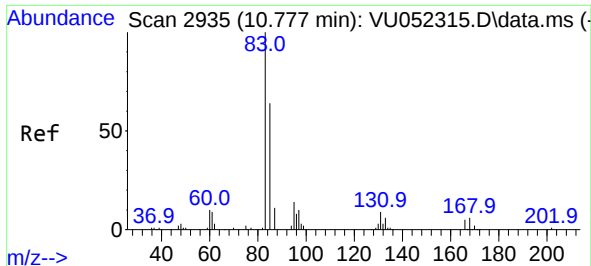
Tgt Ion:106 Resp: 194474
Ion Ratio Lower Upper
106 100
91 212.5 151.5 281.5



#55
Styrene
Concen: 5.325 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion:104 Resp: 272789
Ion Ratio Lower Upper
104 100
78 44.8 30.6 56.8

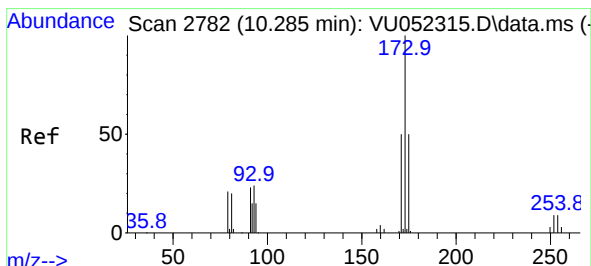
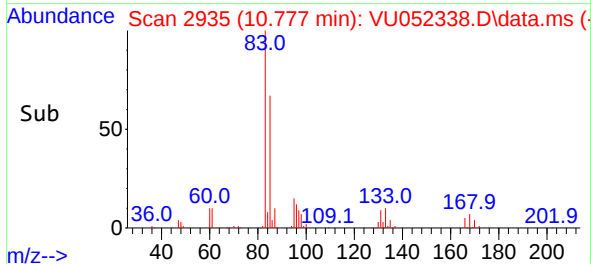
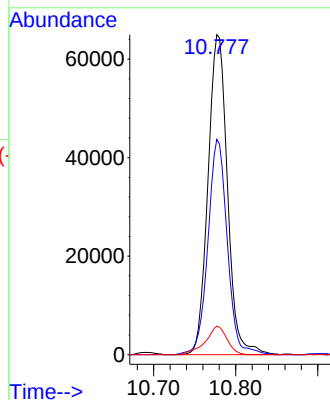
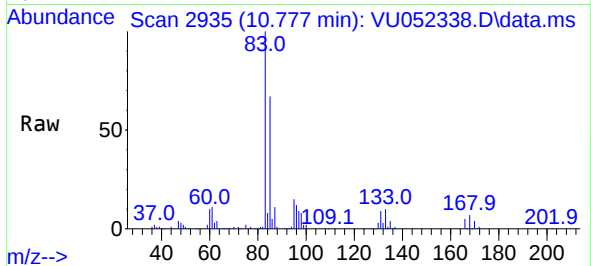




#57
1,1,2,2-Tetrachloroethane
Concen: 5.407 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

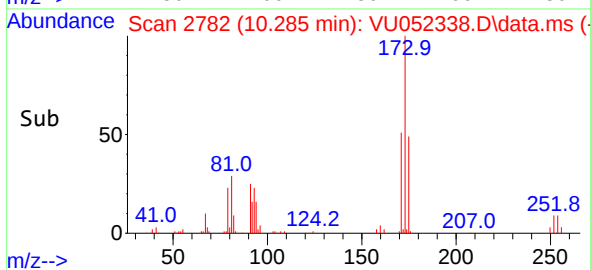
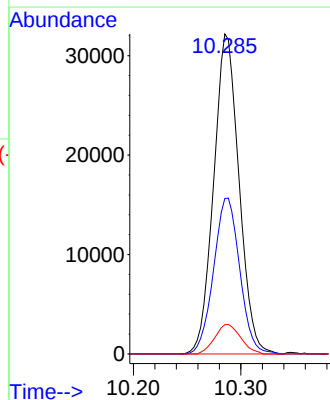
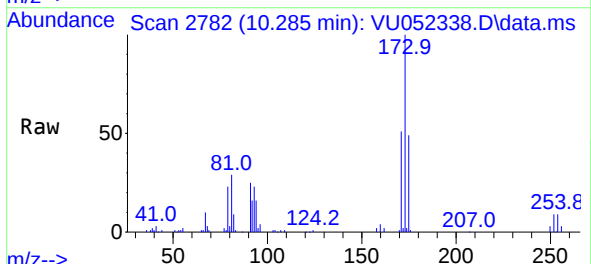
Instrument : MSVOA_U
ClientSampleId : EXZ94MS

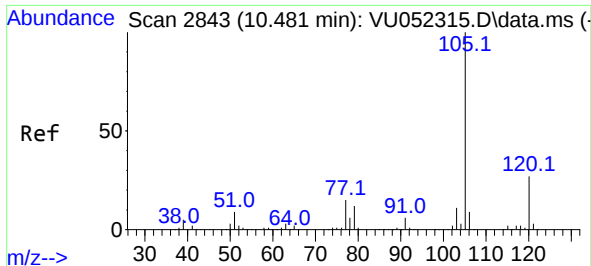
Tgt Ion: 83 Resp: 107373
Ion Ratio Lower Upper
83 100
85 67.3 45.7 84.9
131 8.9 7.6 11.4



#59
Bromoform
Concen: 4.686 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion:173 Resp: 52619
Ion Ratio Lower Upper
173 100
175 50.3 37.2 55.8
254 9.4 7.0 10.6

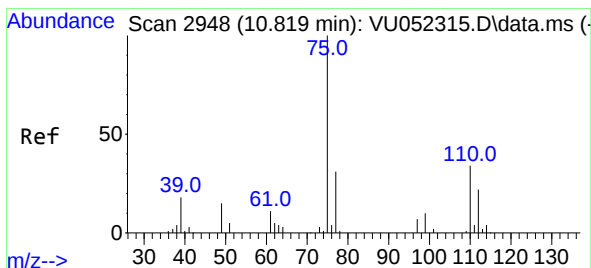
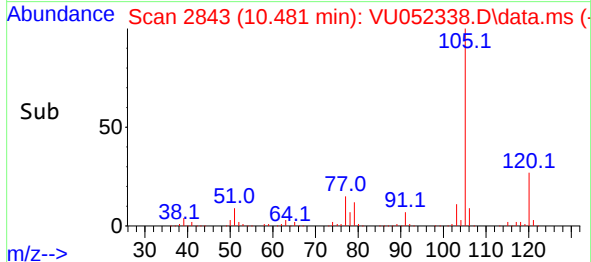
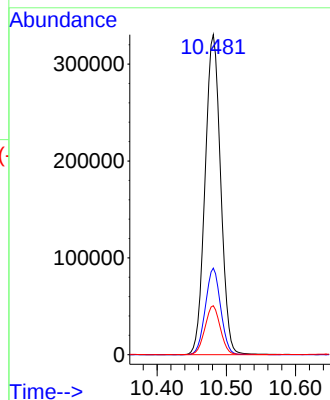
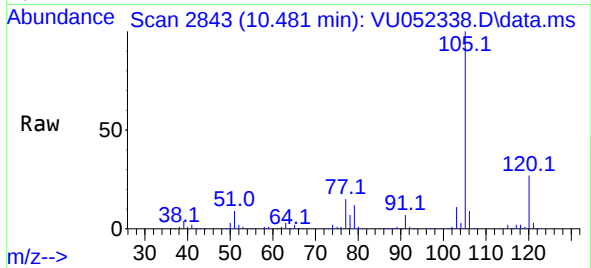




#60
Isopropylbenzene
Concen: 6.007 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

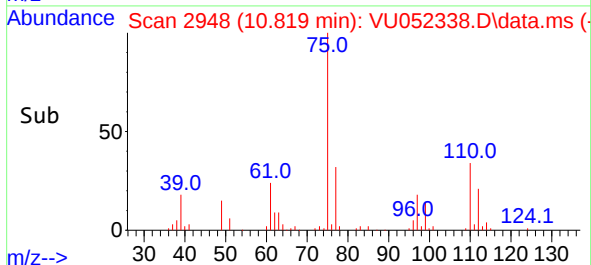
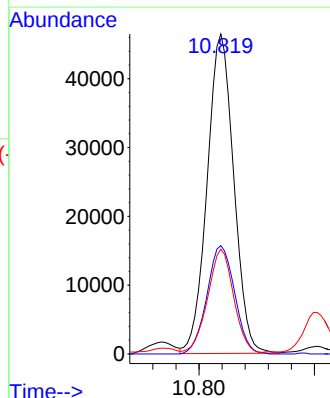
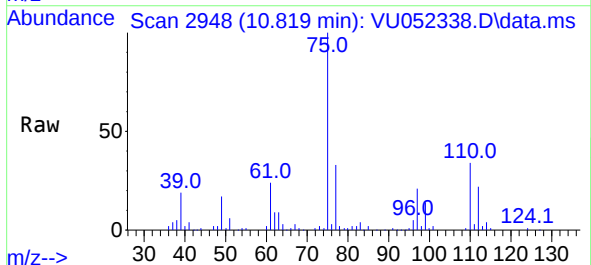
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

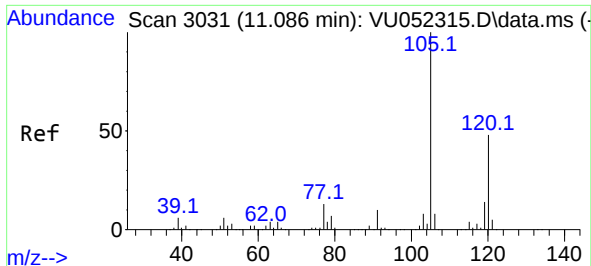
Tgt Ion:105 Resp: 514415
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.6
77 15.1 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.768 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion: 75 Resp: 74385
Ion Ratio Lower Upper
75 100
110 35.2 28.3 42.5
77 31.0 26.2 39.2

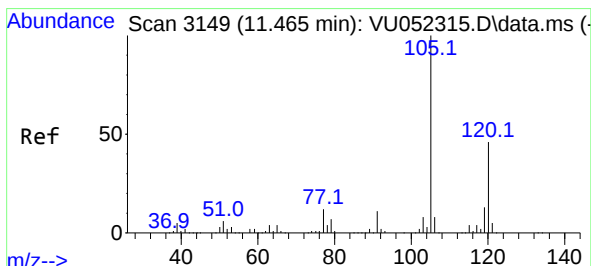
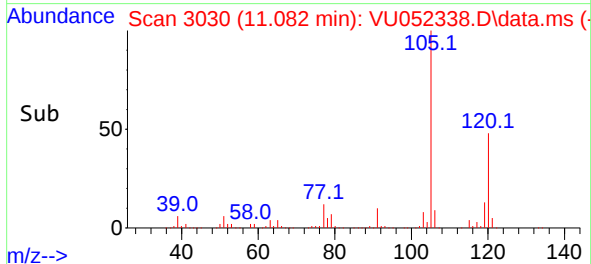
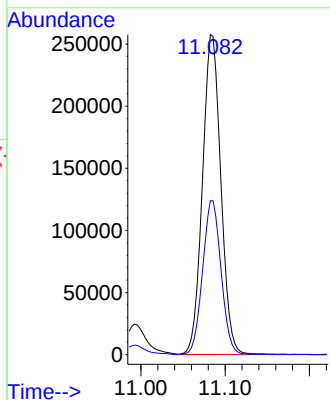
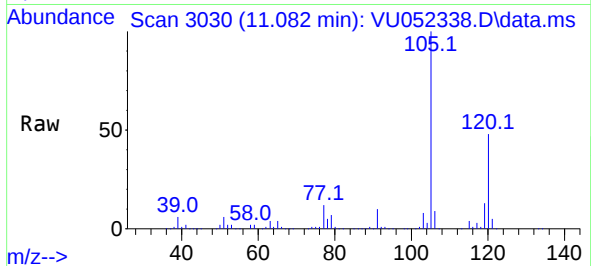




#62
1,3,5-Trimethylbenzene
Concen: 5.713 ug/L
RT: 11.082 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

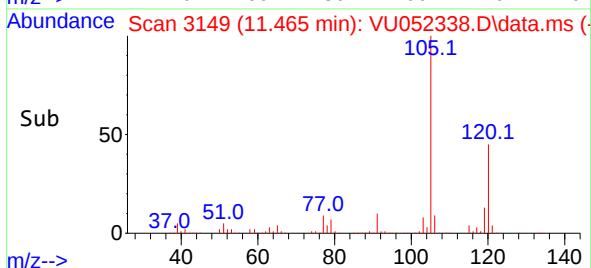
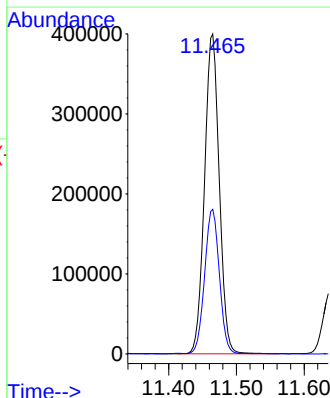
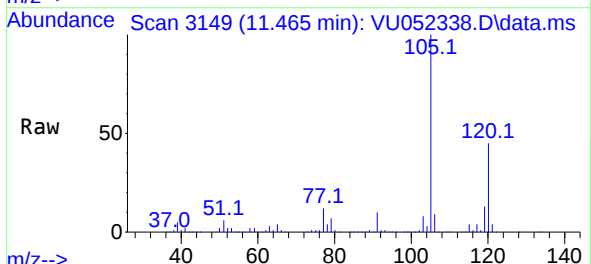
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

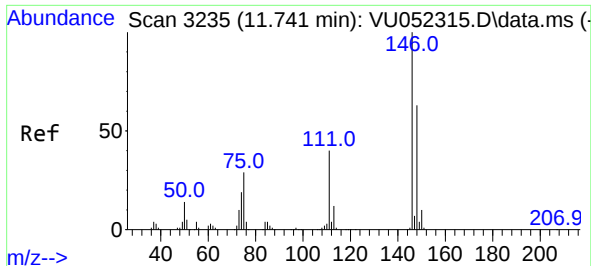
Tgt Ion:105 Resp: 391091
Ion Ratio Lower Upper
105 100
120 48.1 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 8.864 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion:105 Resp: 602273
Ion Ratio Lower Upper
105 100
120 45.2 36.6 55.0

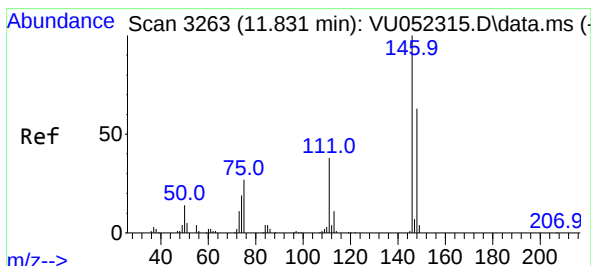
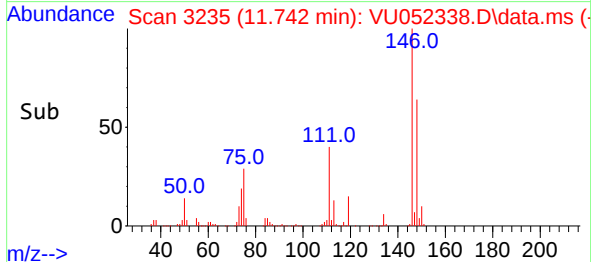
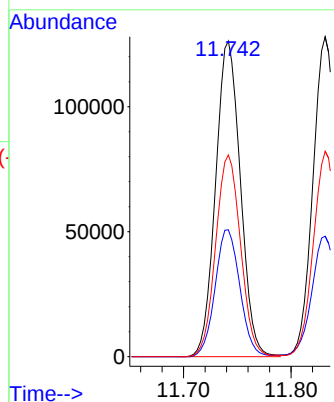
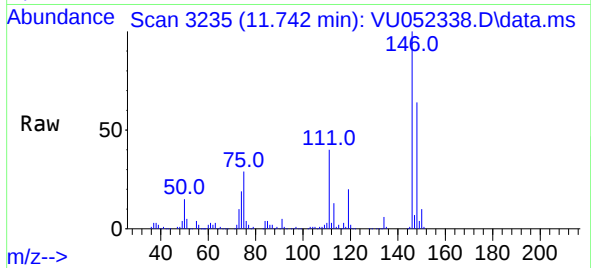




#64
1,3-Dichlorobenzene
Concen: 4.631 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

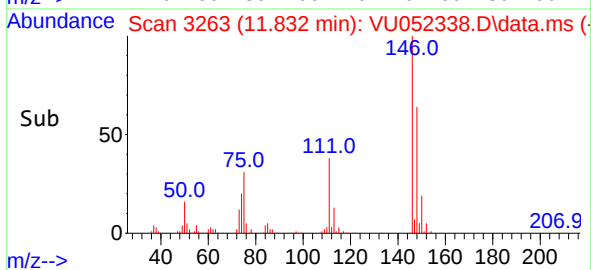
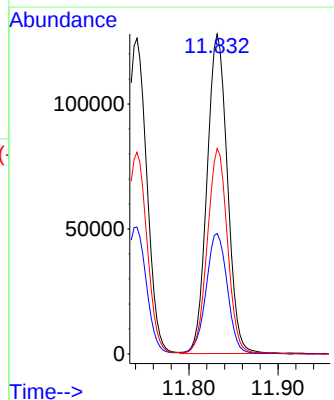
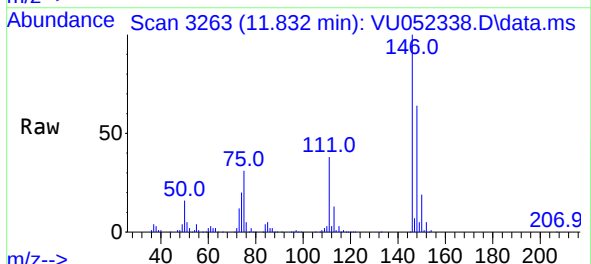
Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

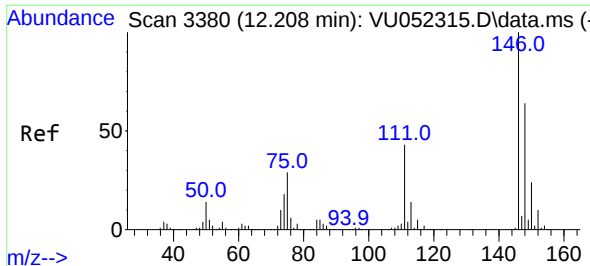
Tgt Ion:146 Resp: 202504
Ion Ratio Lower Upper
146 100
111 40.2 28.6 53.2
148 63.9 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 4.650 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion:146 Resp: 202785
Ion Ratio Lower Upper
146 100
111 37.6 26.9 50.1
148 64.2 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.620 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052338.D

Acq: 10 Dec 2022 05:57

Instrument :

MSVOA_U

ClientSampleId :

EXZ94MS

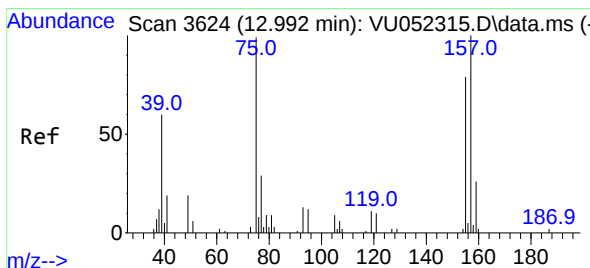
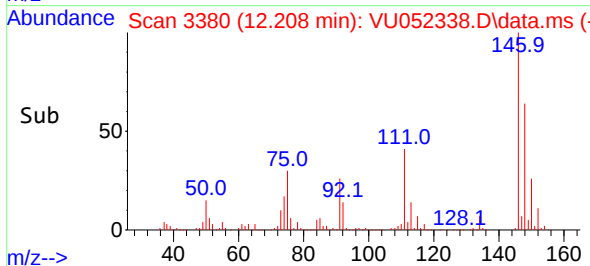
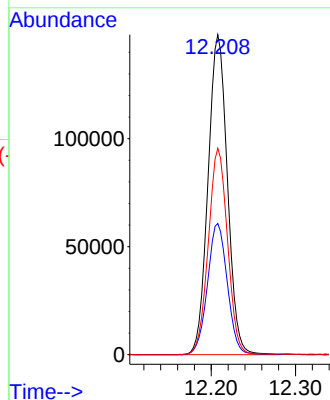
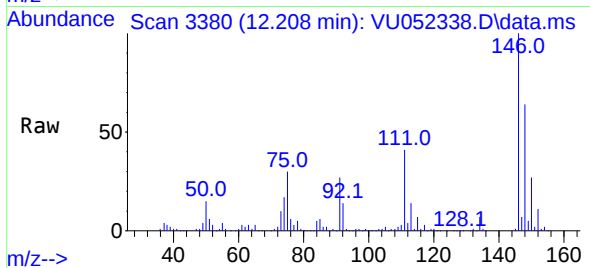
Tgt Ion:146 Resp: 236631

Ion Ratio Lower Upper

146 100

111 41.0 32.7 49.1

148 64.5 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.835 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. -0.003 min

Lab File: VU052338.D

Acq: 10 Dec 2022 05:57

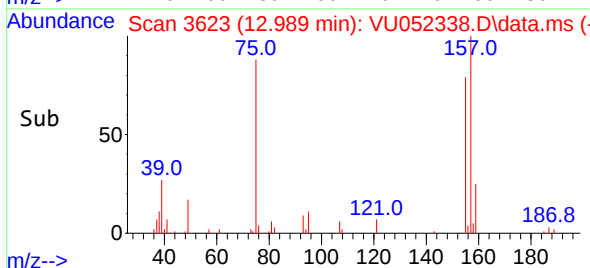
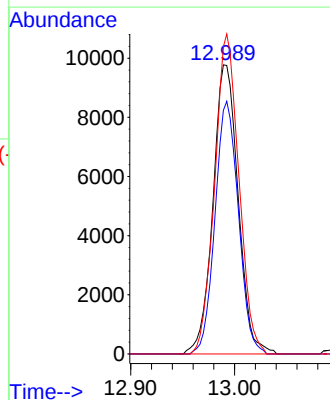
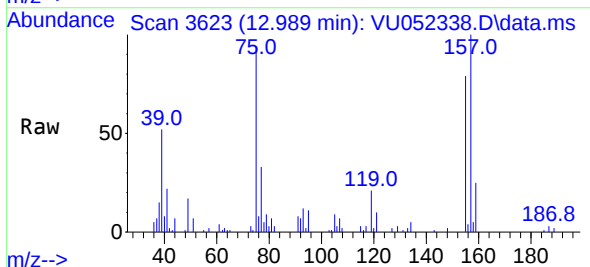
Tgt Ion: 75 Resp: 16510

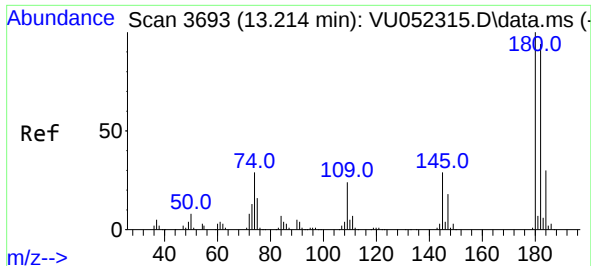
Ion Ratio Lower Upper

75 100

155 84.3 65.4 98.2

157 106.2 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 4.592 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

Lab File: VU052338.D

Acq: 10 Dec 2022 05:57

Instrument :

MSVOA_U

ClientSampleId :

EXZ94MS

Tgt Ion:180 Resp: 142368

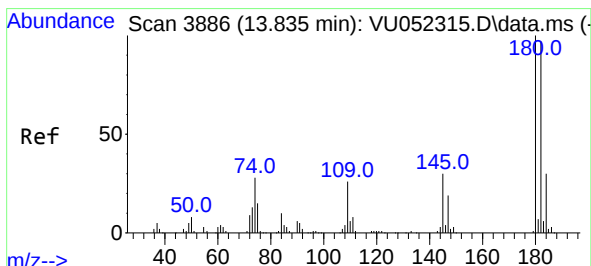
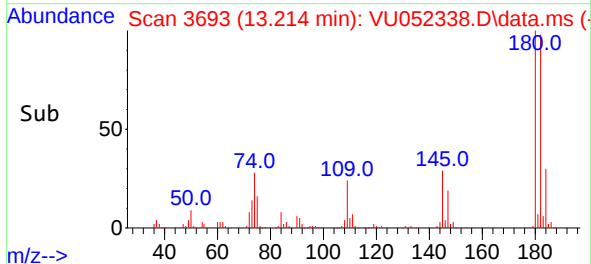
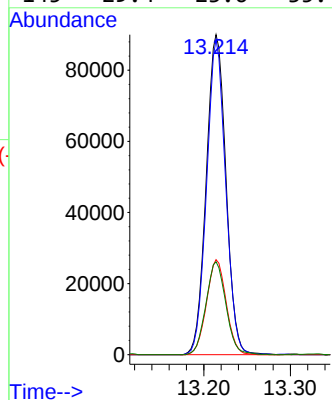
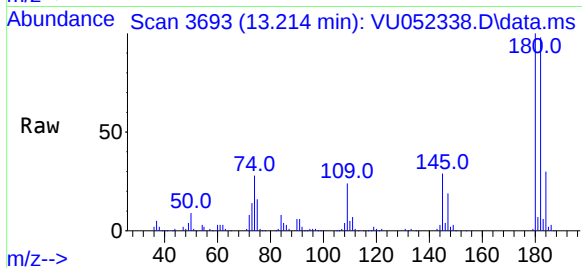
Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

184 29.7 24.3 36.5

145 29.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 5.031 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.003 min

Lab File: VU052338.D

Acq: 10 Dec 2022 05:57

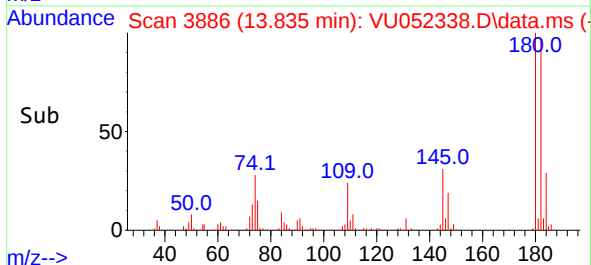
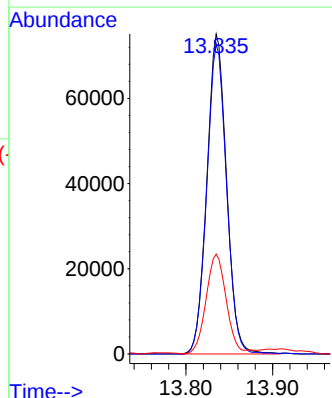
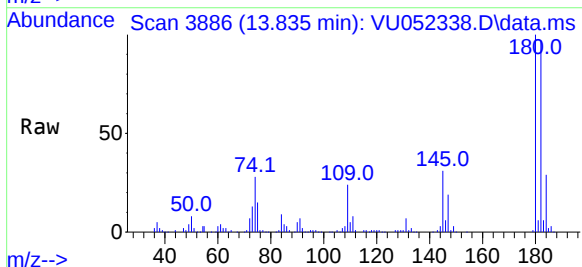
Tgt Ion:180 Resp: 118775

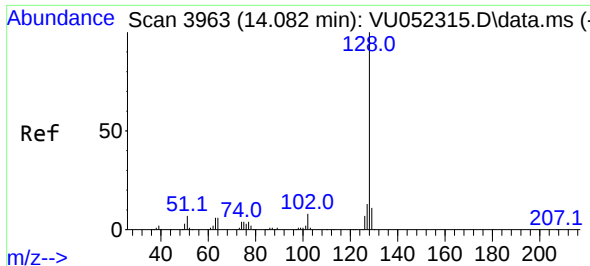
Ion Ratio Lower Upper

180 100

182 96.9 76.3 114.5

145 31.9 24.6 36.8

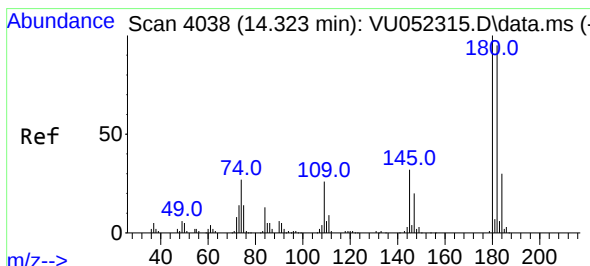
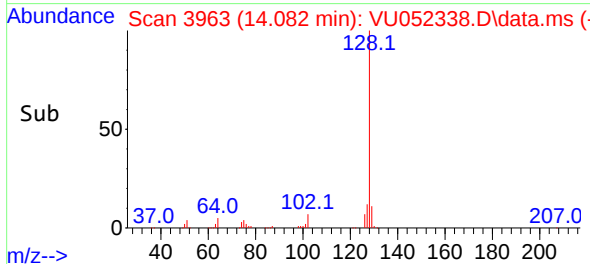
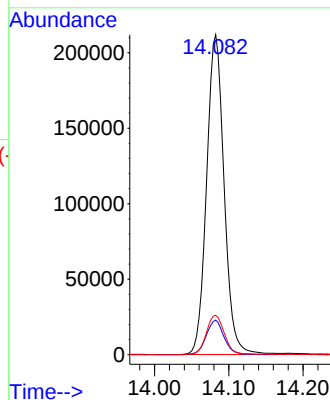
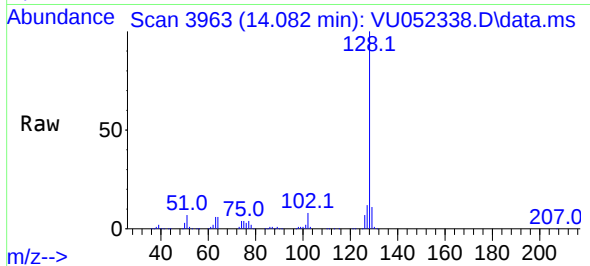




#71
Naphthalene
Concen: 7.820 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Instrument :
MSVOA_U
ClientSampleId :
EXZ94MS

Tgt Ion:128 Resp: 346651
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.849 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.003 min
Lab File: VU052338.D
Acq: 10 Dec 2022 05:57

Tgt Ion:180 Resp: 112632
Ion Ratio Lower Upper
180 100
182 96.5 75.7 113.5
145 32.2 24.5 36.7

