

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052131.D
 Acq On : 24 Nov 2022 11:04
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 25 04:35:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	209694	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	215402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106638	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	84263	4.131	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.912	69	75455	4.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.565	65	32579	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.616	46	202099	54.662	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.320%
24) Chloroform-d	5.060	84	164878	5.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	5.700	65	81129	5.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.726	84	332916	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.687	67	104805	5.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.896	98	298867	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.176	79	34880	4.836	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.629	63	171687	56.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91420	5.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	102455	5.018	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	93557	5.144	ug/L	99
3) Chloromethane	1.523	50	133888	5.641	ug/L	98
5) Vinyl chloride	1.604	62	126781	5.559	ug/L	99
6) Bromomethane	1.851	94	54084	4.622	ug/L	94
8) Chloroethane	1.932	64	76392	5.387	ug/L	94
9) Trichlorofluoromethane	2.137	101	133255	5.312	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	78643	5.127	ug/L	100
12) 1,1-Dichloroethene	2.578	96	82540	5.426	ug/L	93
13) Acetone	2.620	43	131325	52.308	ug/L	99
14) Carbon disulfide	2.793	76	275834	5.238	ug/L	99
15) Methyl Acetate	2.948	43	36201	5.559	ug/L	98
16) Methylene chloride	3.044	84	258081	12.541	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	188410	5.533	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	91815	5.631	ug/L	97
19) 1,1-Dichloroethane	3.867	63	174296	5.931	ug/L	98
21) 2-Butanone	4.694	43	216016	53.682	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	100532	5.874	ug/L	99
23) Bromochloromethane	4.973	128	46853	5.722	ug/L	88
25) Chloroform	5.086	83	177112	5.947	ug/L	97

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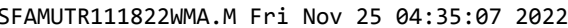
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 ClientSampleId :

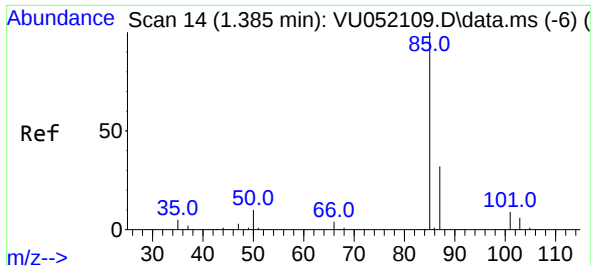
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	105773	5.799	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	134558	5.630	ug/L	100
30) Cyclohexane	5.388	56	115788	4.990	ug/L	98
31) Carbon tetrachloride	5.523	117	108259	5.331	ug/L	100
33) Benzene	5.771	78	408568	5.828	ug/L	100
34) Trichloroethene	6.539	95	94706	5.416	ug/L	96
35) Methylcyclohexane	6.761	83	117660	4.678	ug/L	99
37) 1,2-Dichloropropane	6.787	63	105404	5.807	ug/L	100
38) Bromodichloromethane	7.105	83	122550	5.538	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	119185	5.114	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	530518	55.956	ug/L	99
42) Toluene	7.967	91	428018	5.936	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	102509	5.137	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	75966	5.569	ug/L	98
47) Tetrachloroethene	8.552	164	70689	5.275	ug/L	97
48) 2-Hexanone	8.681	43	395852	56.952	ug/L	99
49) Dibromochloromethane	8.806	129	82214	5.382	ug/L	96
50) 1,2-Dibromoethane	8.922	107	69216	5.571	ug/L #	93
51) Chlorobenzene	9.443	112	255844	5.565	ug/L	99
52) Ethylbenzene	9.568	91	391327	5.582	ug/L	98
53) m,p-Xylene	9.693	106	157032	5.785	ug/L	95
54) o-Xylene	10.099	106	152104	5.846	ug/L	100
55) Styrene	10.111	104	264299	6.015	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	96343	5.655	ug/L	96
59) Bromoform	10.288	173	46558	5.301	ug/L	97
60) Isopropylbenzene	10.481	105	380651	5.683	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	65722	5.385	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	286774	5.356	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	292024	5.494	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	192768	5.636	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	186154	5.457	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	181744	5.518	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	13292	4.977	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	123135	5.077	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	87719	4.750	ug/L	100
71) Naphthalene	14.082	128	149653	4.316	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	89036	4.900	ug/L	100

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

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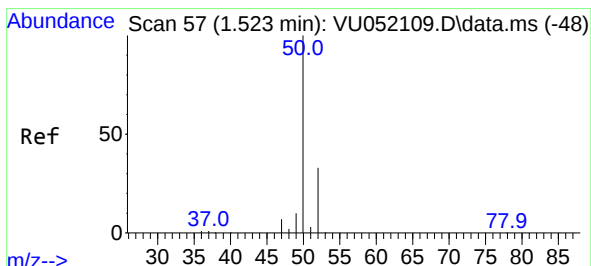
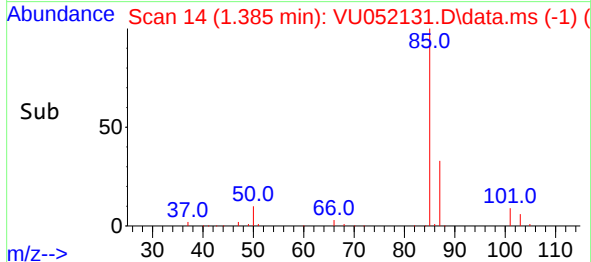
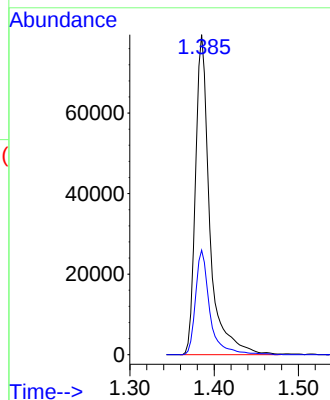
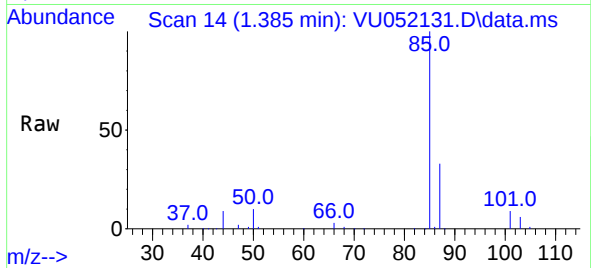




#2
Dichlorodifluoromethane
Concen: 5.144 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

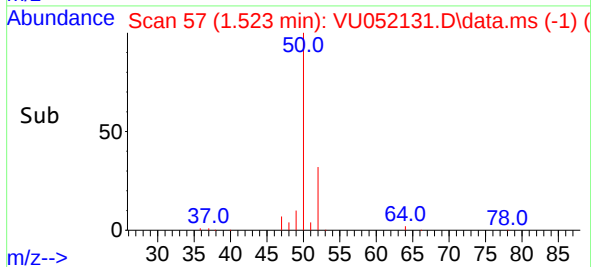
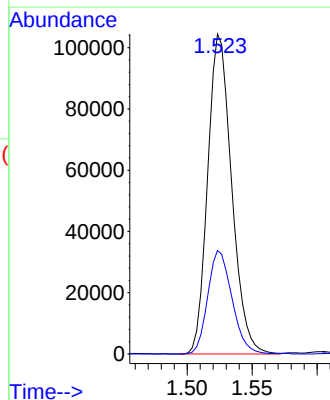
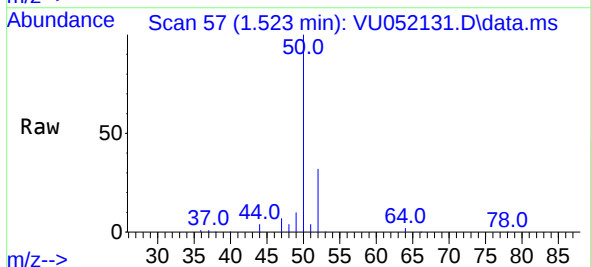
Instrument :
MSVOA_U
ClientSampleId :

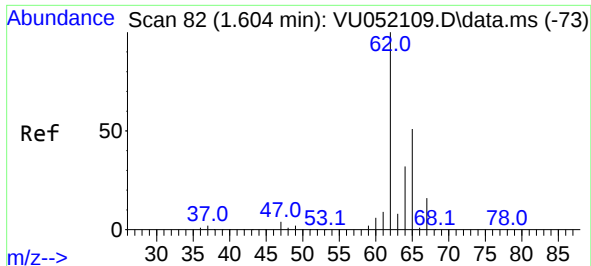
Tgt Ion: 85 Resp: 93557
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.8



#3
Chloromethane
Concen: 5.641 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion: 50 Resp: 133888
Ion Ratio Lower Upper
50 100
52 32.3 23.4 43.4

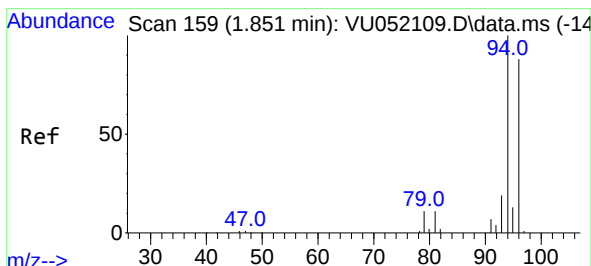
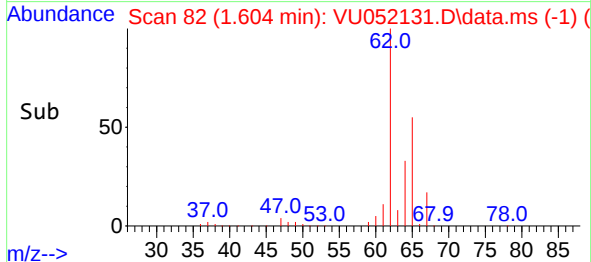
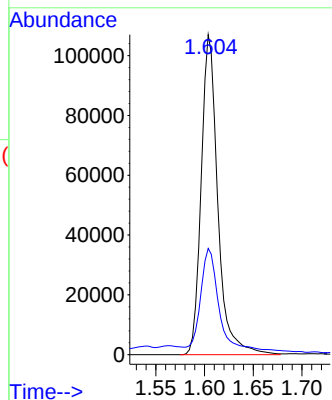
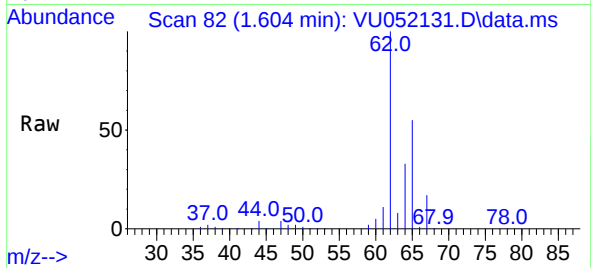




#5
 Vinyl chloride
 Concen: 5.559 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU052131.D
 Acq: 24 Nov 2022 11:04

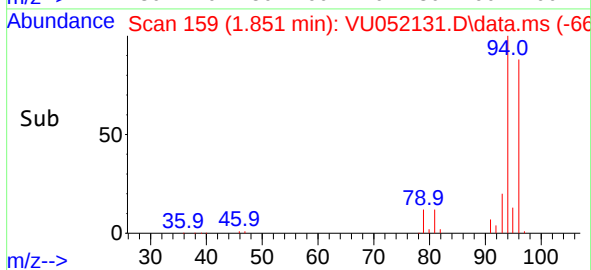
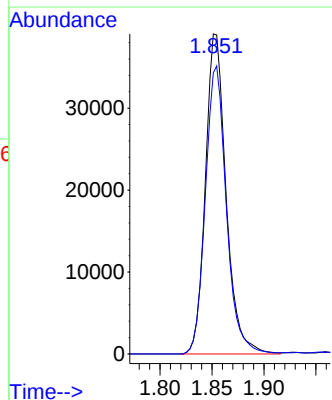
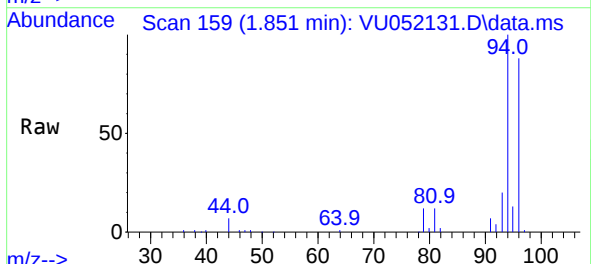
Instrument :
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 ClientSampleId :

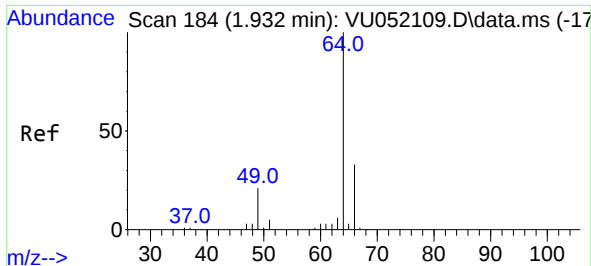
Tgt Ion: 62 Resp: 126781
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.5 43.7



#6
 Bromomethane
 Concen: 4.622 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.000 min
 Lab File: VU052131.D
 Acq: 24 Nov 2022 11:04

Tgt Ion: 94 Resp: 54084
 Ion Ratio Lower Upper
 94 100
 96 87.8 65.7 122.1

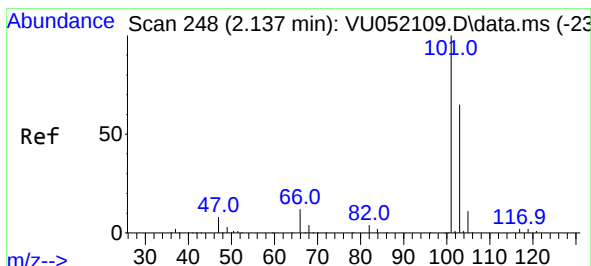
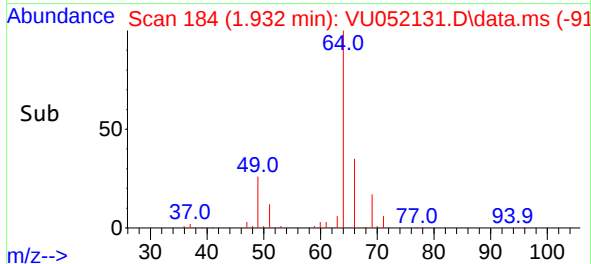
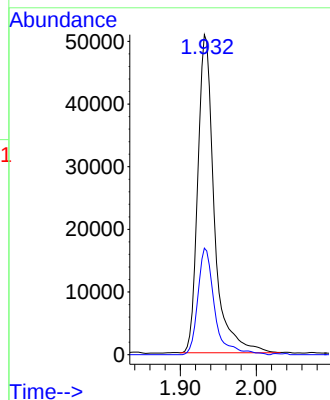
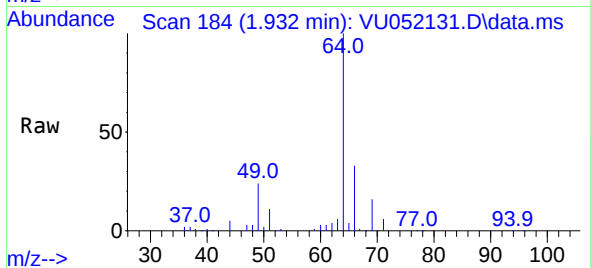




#8
Chloroethane
Concen: 5.387 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

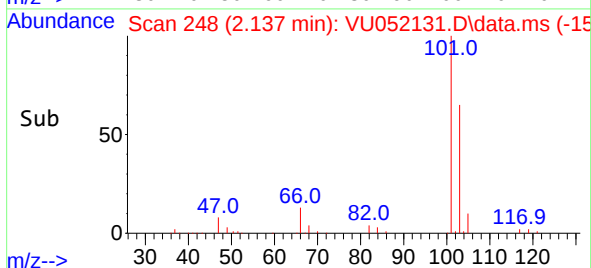
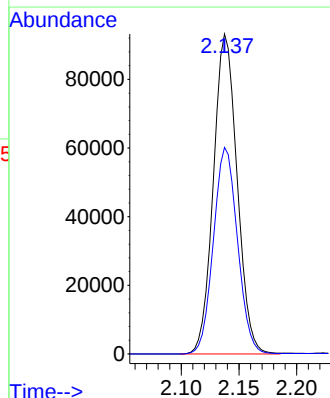
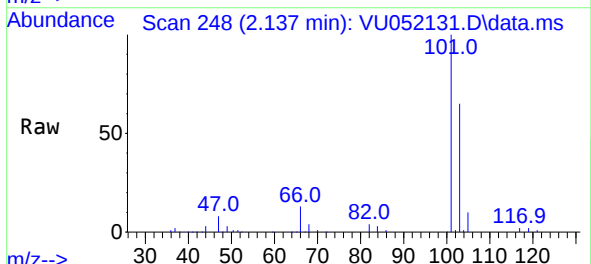
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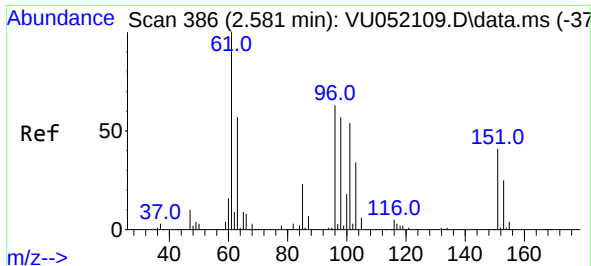
Tgt Ion: 64 Resp: 76392
Ion Ratio Lower Upper
64 100
66 33.3 21.1 39.1



#9
Trichlorofluoromethane
Concen: 5.312 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion:101 Resp: 133255
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

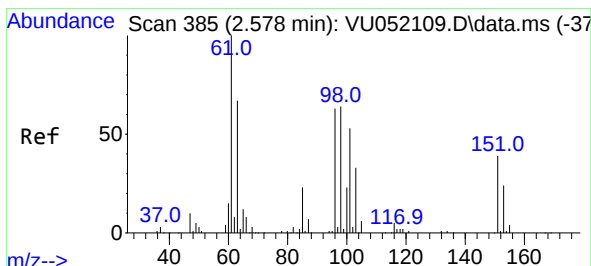
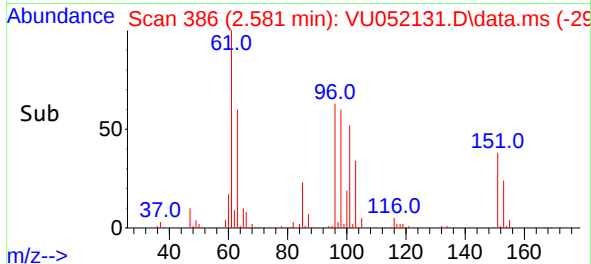
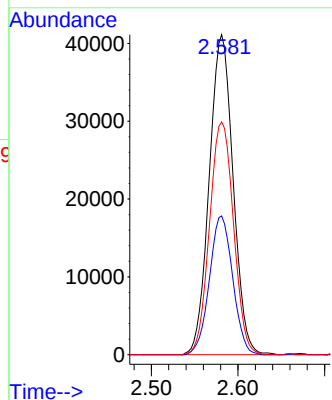
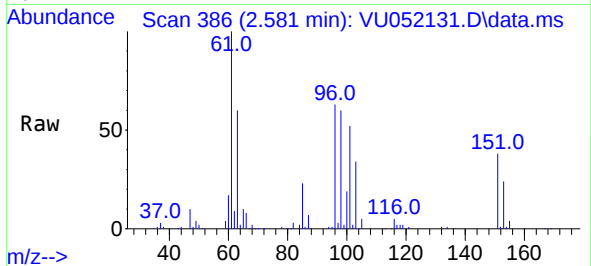




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.127 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

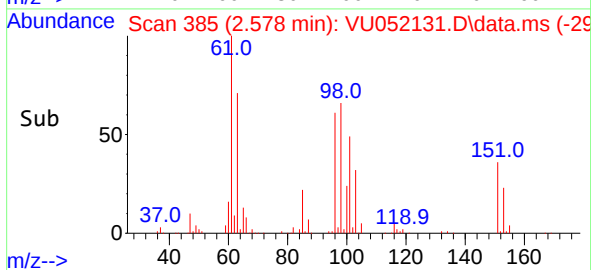
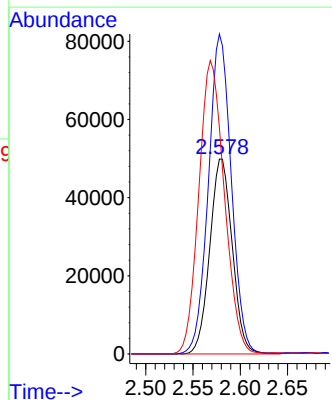
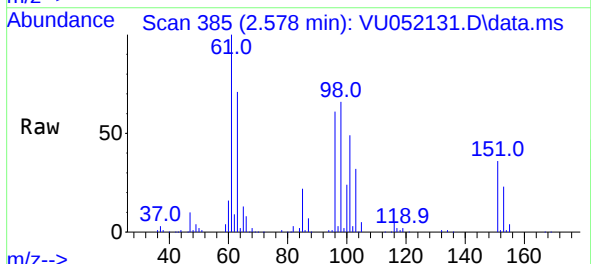
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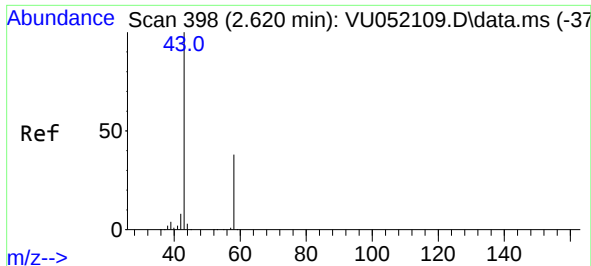
Tgt Ion:101 Resp: 78643
Ion Ratio Lower Upper
101 100
85 42.3 33.8 50.6
151 73.2 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.426 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion: 96 Resp: 82540
Ion Ratio Lower Upper
96 100
61 164.2 114.8 213.2
63 116.1 93.7 174.1





#13

Acetone

Concen: 52.308 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU052131.D

Acq: 24 Nov 2022 11:04

Instrument :

MSVOA_U

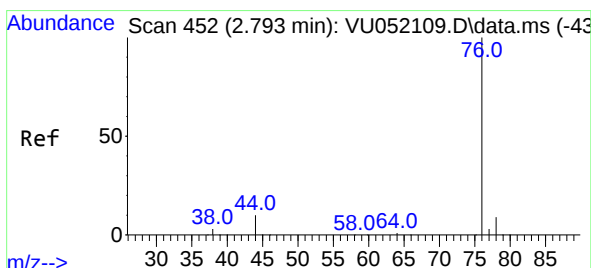
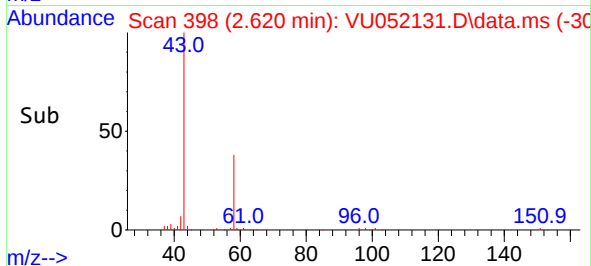
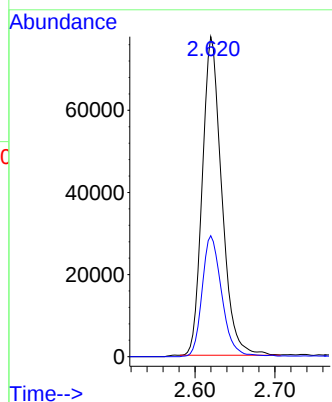
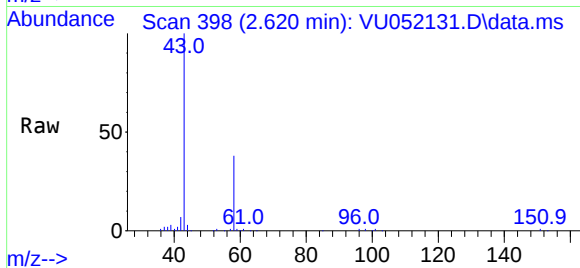
ClientSampleId :

Tgt Ion: 43 Resp: 131325

Ion Ratio Lower Upper

43 100

58 38.4 0.0 76.0



#14

Carbon disulfide

Concen: 5.238 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052131.D

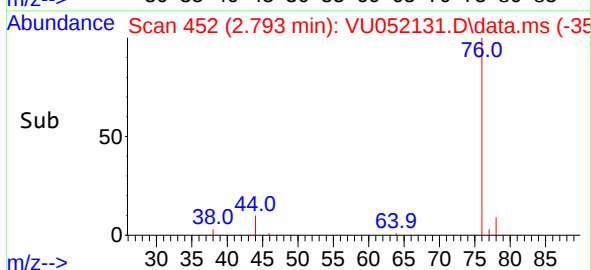
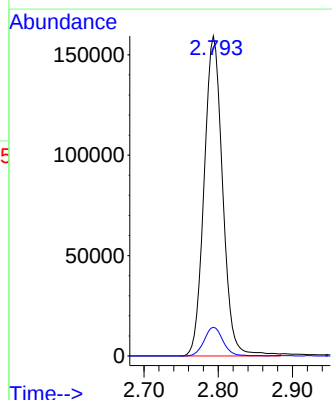
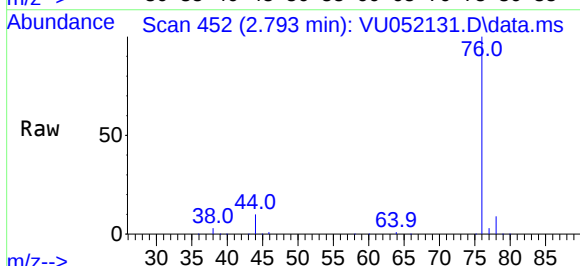
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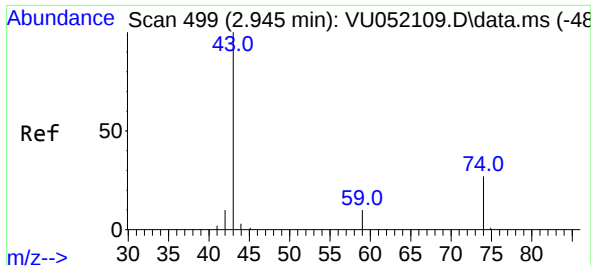
Tgt Ion: 76 Resp: 275834

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4

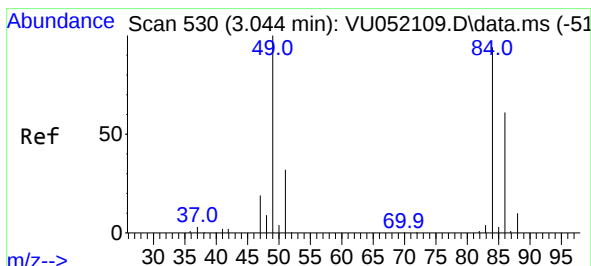
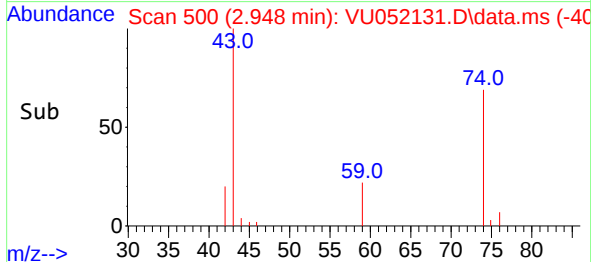
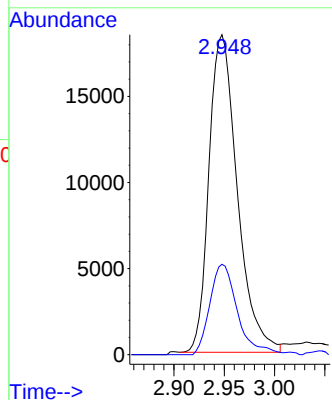
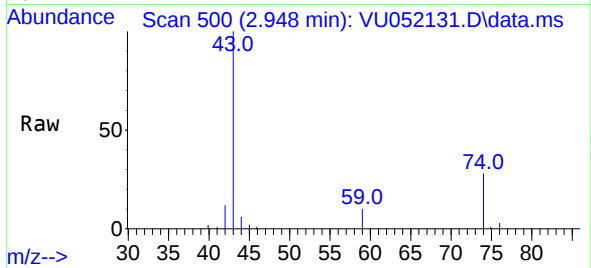




#15
Methyl Acetate
Concen: 5.559 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

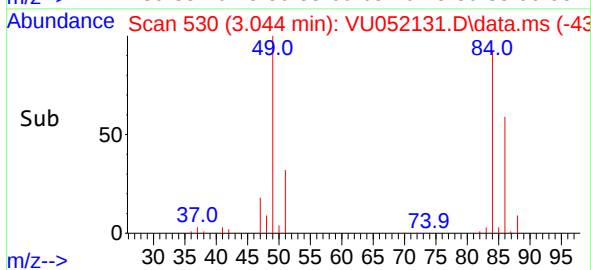
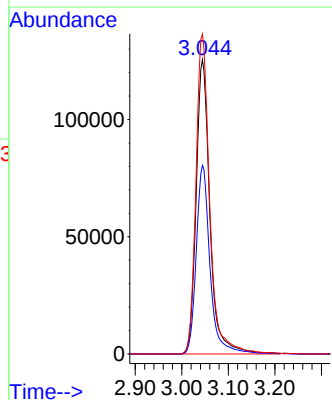
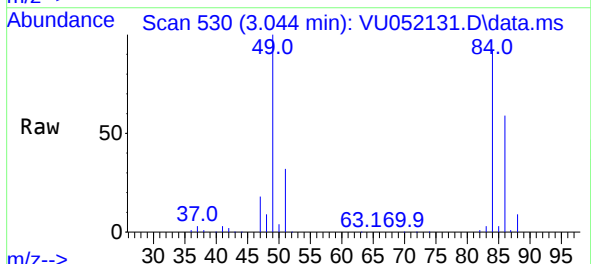
Instrument :
MSVOA_U
ClientSampleId :

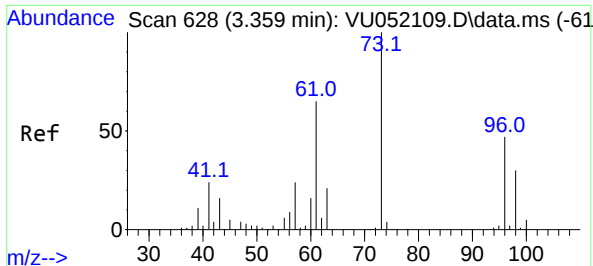
Tgt Ion: 43 Resp: 36201
Ion Ratio Lower Upper
43 100
74 27.7 21.3 31.9



#16
Methylene chloride
Concen: 12.541 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

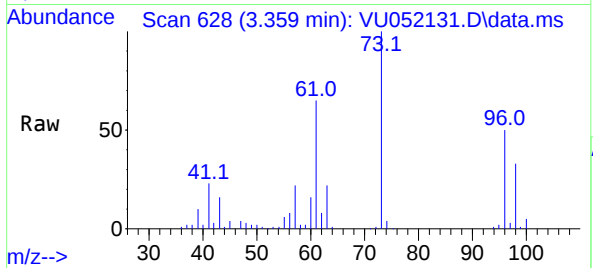
Tgt Ion: 84 Resp: 258081
Ion Ratio Lower Upper
84 100
86 64.1 43.8 81.4
49 108.7 75.9 141.1



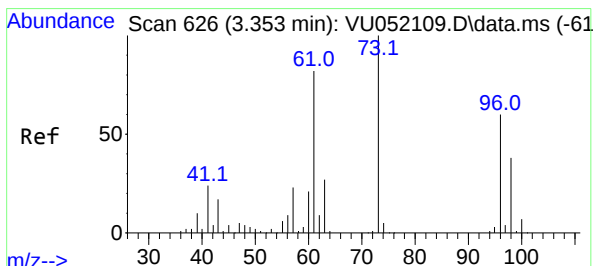
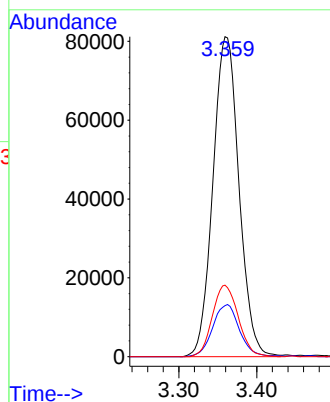
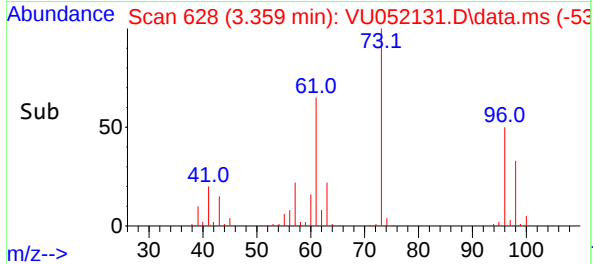


#17
Methyl tert-butyl Ether
Concen: 5.533 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

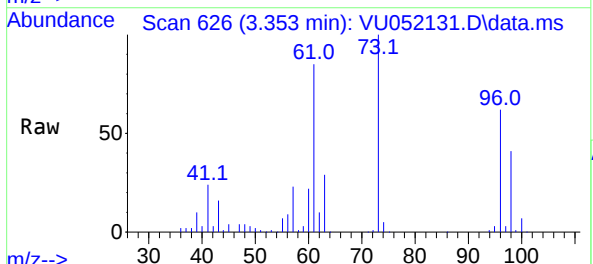
Instrument :
MSVOA_U
ClientSampleId :



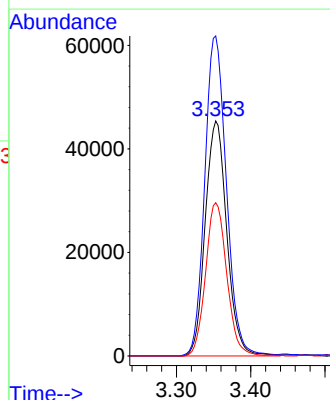
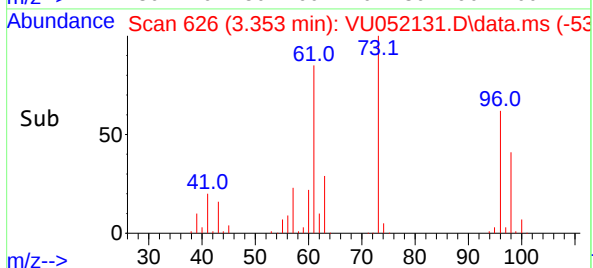
Tgt Ion: 73 Resp: 188410
Ion Ratio Lower Upper
73 100
43 16.8 13.2 19.8
57 22.3 17.8 26.8

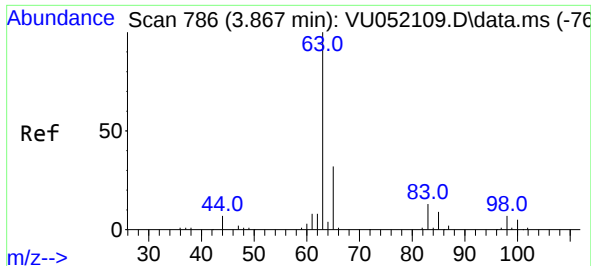


#18
trans-1,2-Dichloroethene
Concen: 5.631 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04



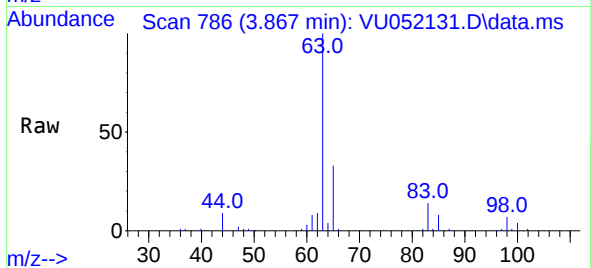
Tgt Ion: 96 Resp: 91815
Ion Ratio Lower Upper
96 100
61 136.1 97.9 181.7
98 65.2 43.8 81.3



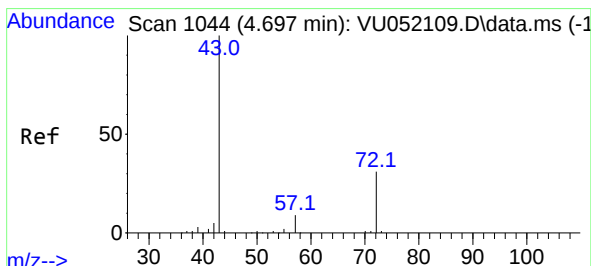
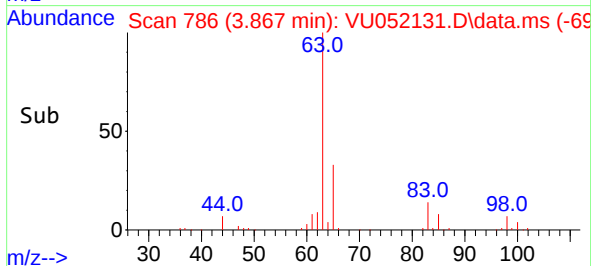
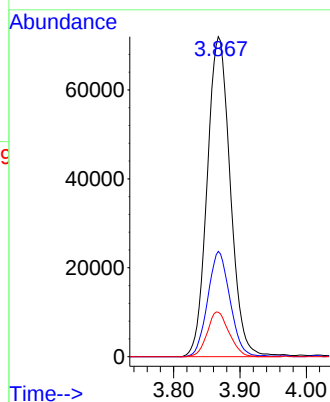


#19
1,1-Dichloroethane
Concen: 5.931 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :

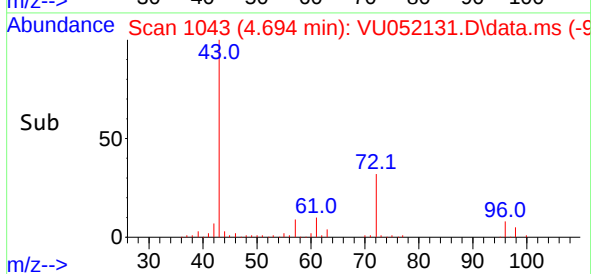
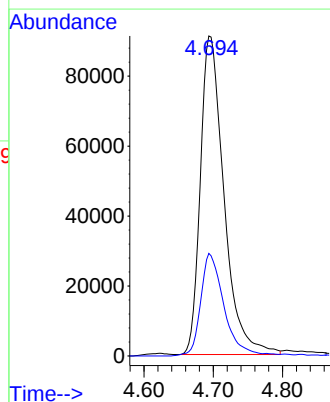
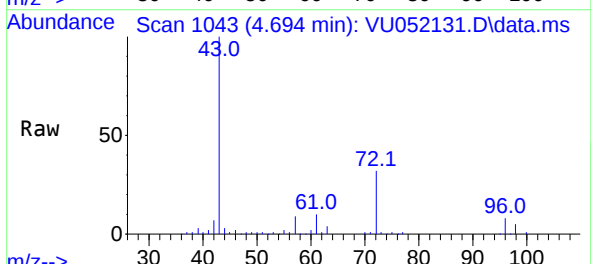


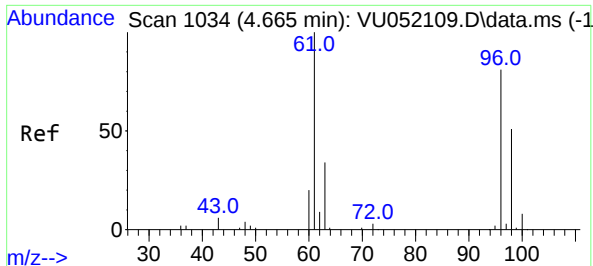
Tgt Ion: 63 Resp: 174296
Ion Ratio Lower Upper
63 100
65 32.9 22.2 41.2
83 13.9 9.2 17.0



#21
2-Butanone
Concen: 53.682 ug/L
RT: 4.694 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

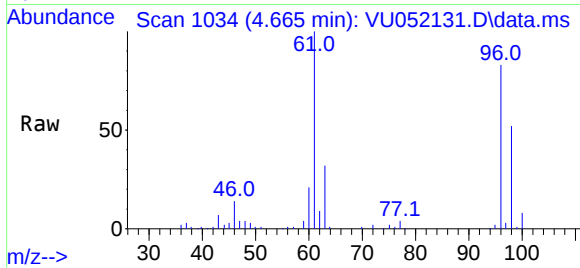
Tgt Ion: 43 Resp: 216016
Ion Ratio Lower Upper
43 100
72 31.3 15.6 46.8



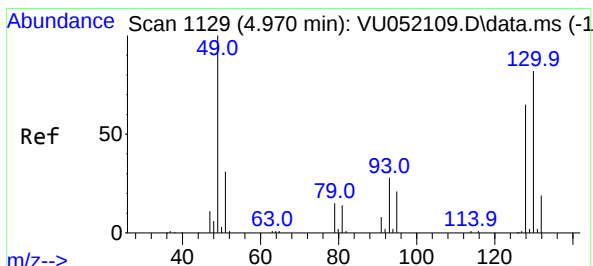
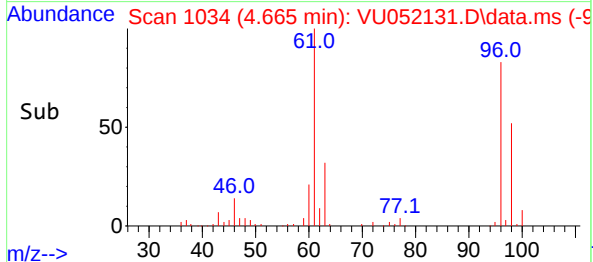
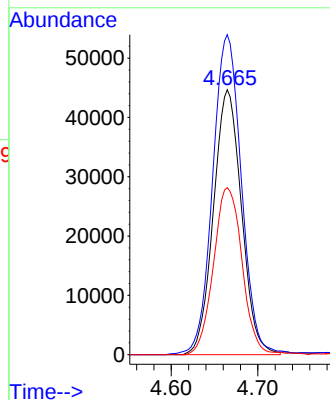


#22
 cis-1,2-Dichloroethene
 Concen: 5.874 ug/L
 RT: 4.665 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VU052131.D
 Acq: 24 Nov 2022 11:04

Instrument :
 MSVOA_U
 ClientSampleId :

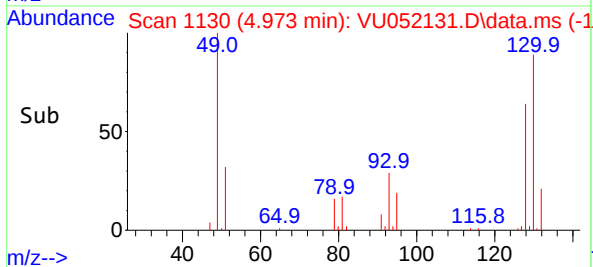
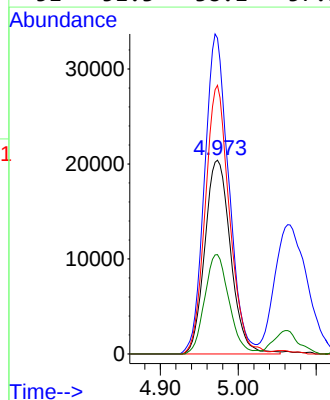
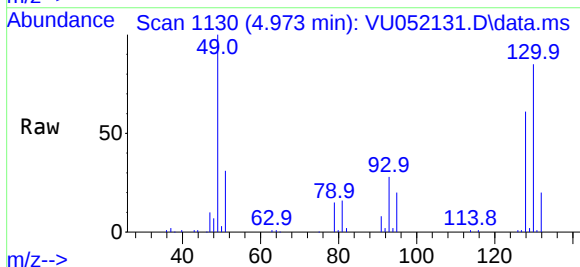


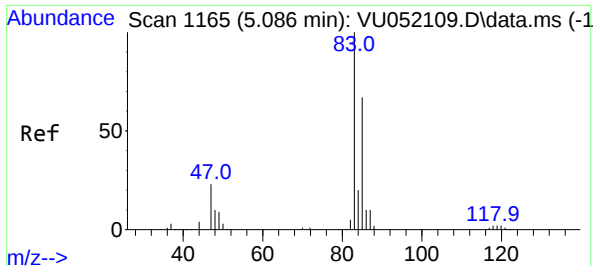
Tgt Ion: 96 Resp: 100532
 Ion Ratio Lower Upper
 96 100
 61 120.8 85.1 158.1
 98 63.0 42.8 79.6



#23
 Bromochloromethane
 Concen: 5.722 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU052131.D
 Acq: 24 Nov 2022 11:04

Tgt Ion: 128 Resp: 46853
 Ion Ratio Lower Upper
 128 100
 49 163.0 104.0 193.2
 130 138.7 84.6 157.2
 51 51.3 38.1 57.1

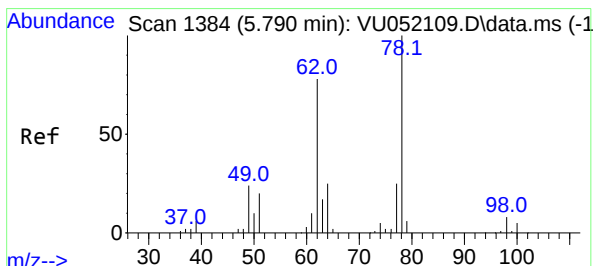
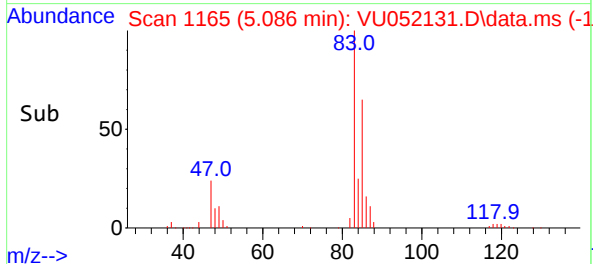
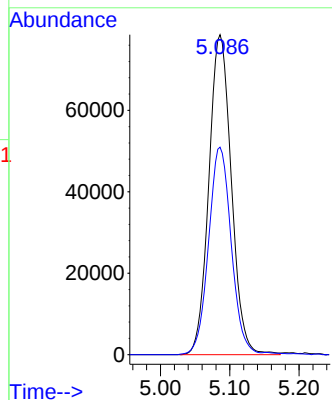
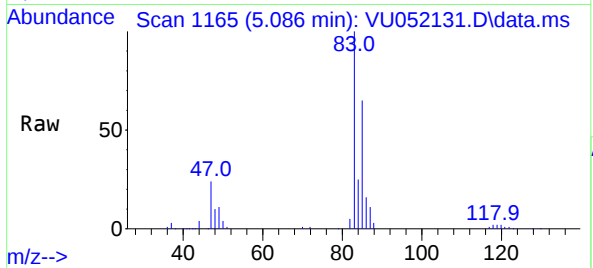




#25
Chloroform
Concen: 5.947 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

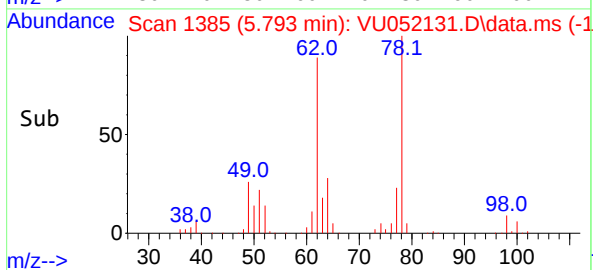
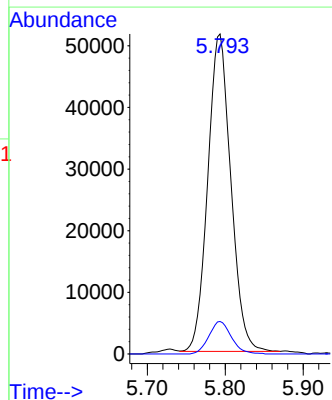
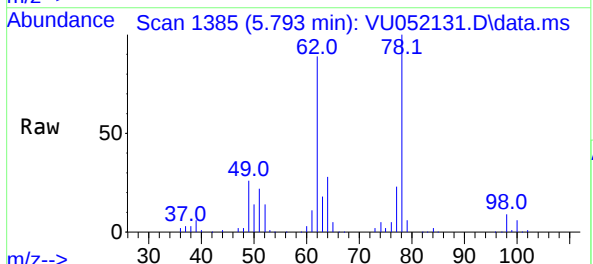
Instrument :
MSVOA_U
ClientSampleId :

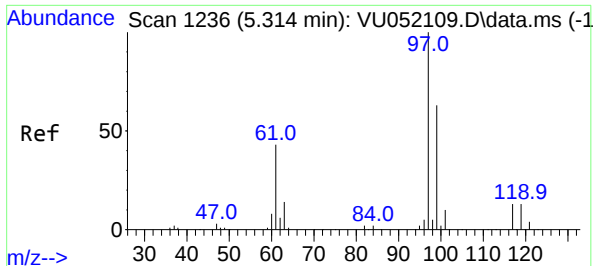
Tgt Ion: 83 Resp: 177112
Ion Ratio Lower Upper
83 100
85 64.9 43.8 81.4



#27
1,2-Dichloroethane
Concen: 5.799 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion: 62 Resp: 105773
Ion Ratio Lower Upper
62 100
98 10.2 8.4 12.6

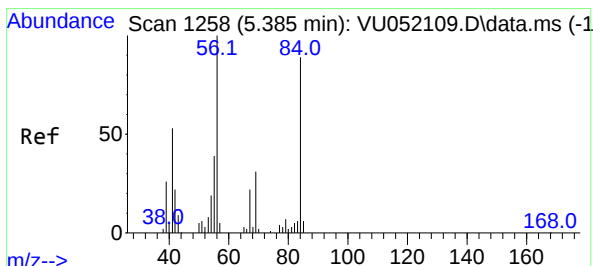
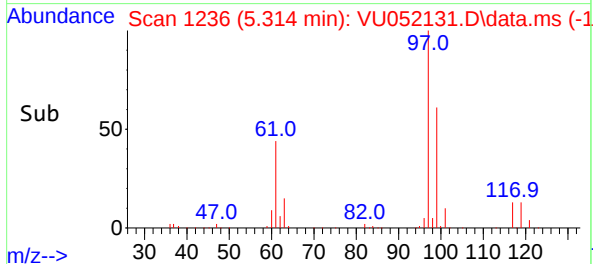
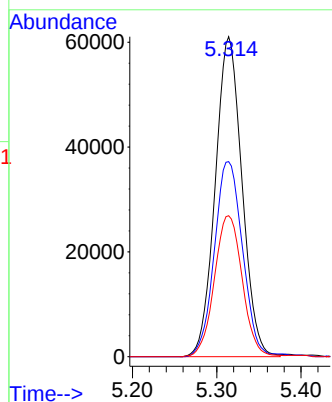
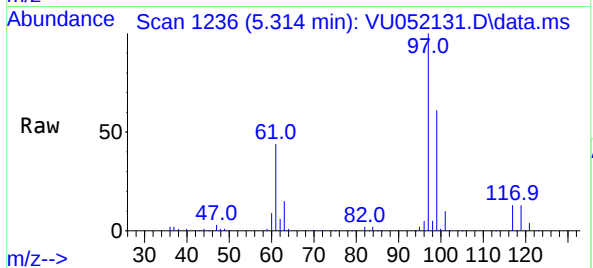




#29
1,1,1-Trichloroethane
Concen: 5.630 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

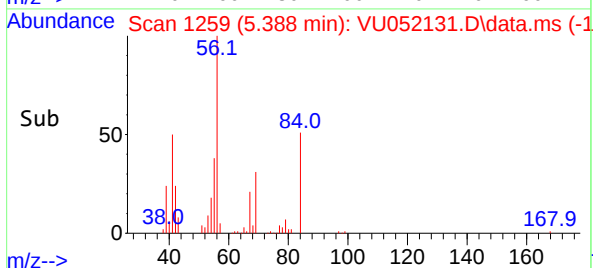
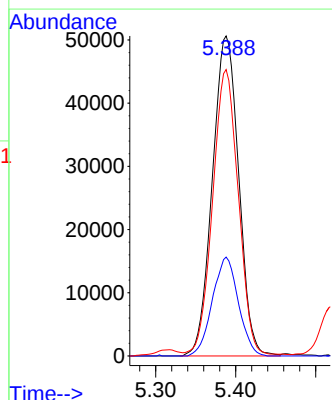
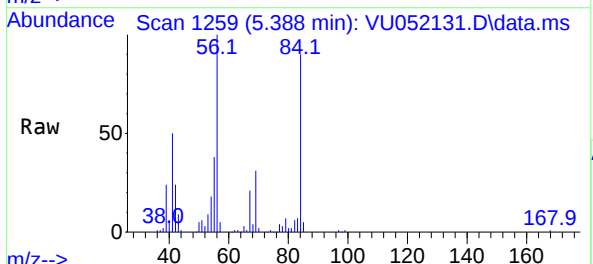
Instrument :
MSVOA_U
ClientSampleId :

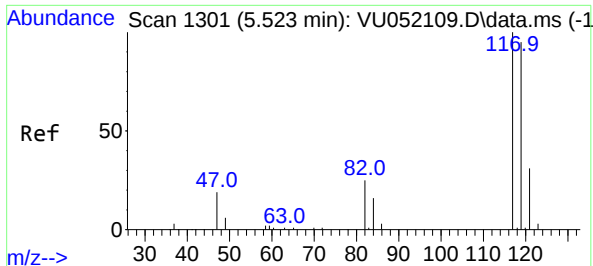
Tgt Ion: 97 Resp: 134558
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 45.9 36.9 55.3



#30
Cyclohexane
Concen: 4.990 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

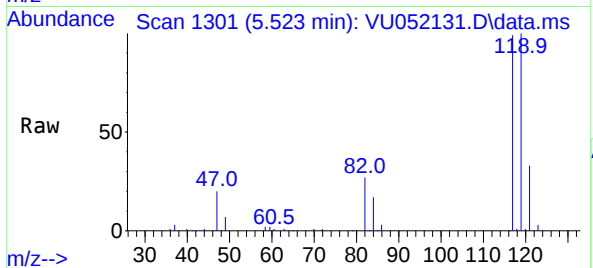
Tgt Ion: 56 Resp: 115788
Ion Ratio Lower Upper
56 100
69 30.5 25.6 38.4
84 87.9 72.0 108.0



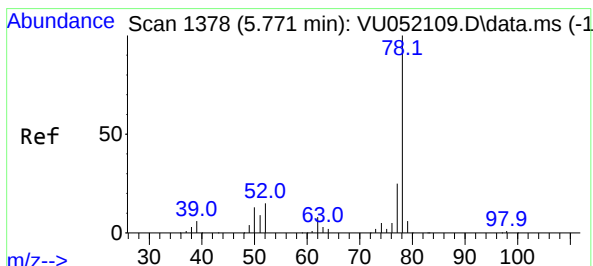
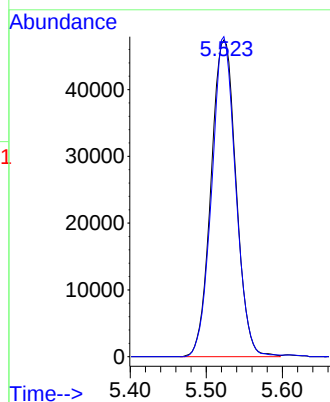
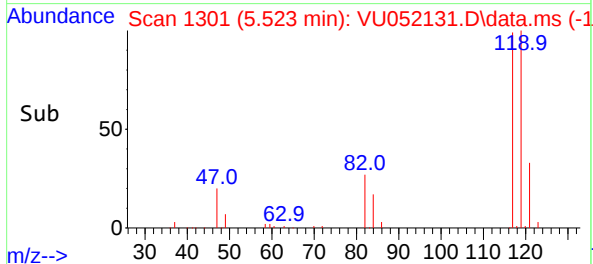


#31
Carbon tetrachloride
Concen: 5.331 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :

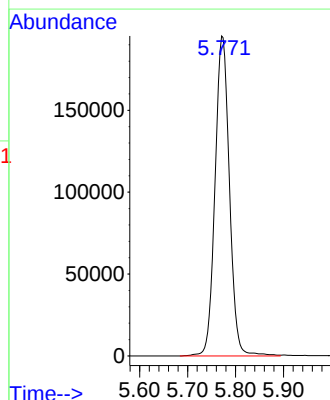
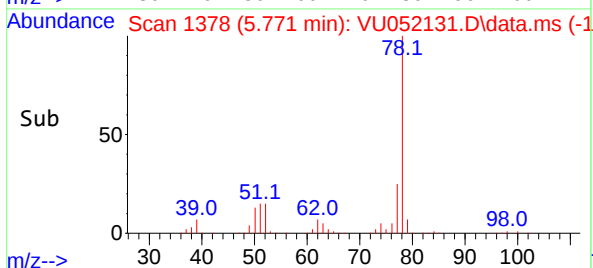
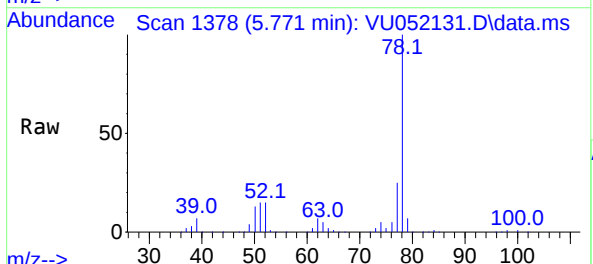


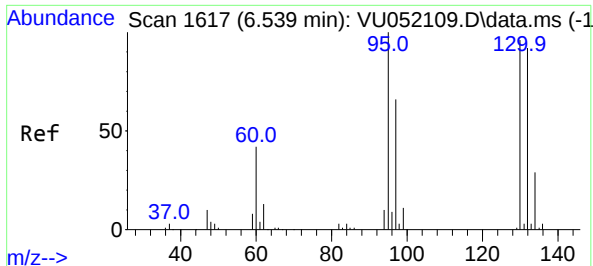
Tgt Ion:117 Resp: 108259
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8



#33
Benzene
Concen: 5.828 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

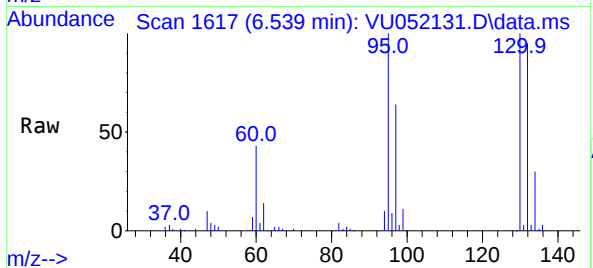
Tgt Ion: 78 Resp: 408568



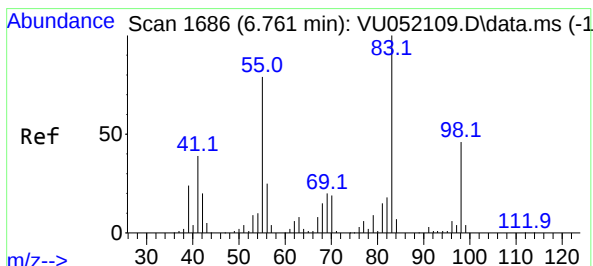
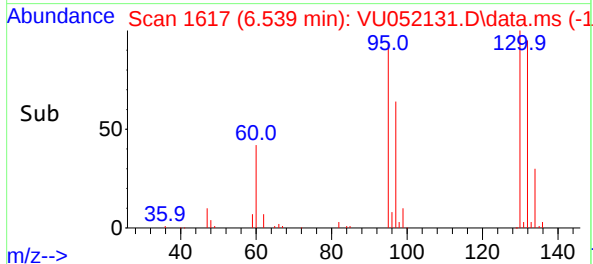
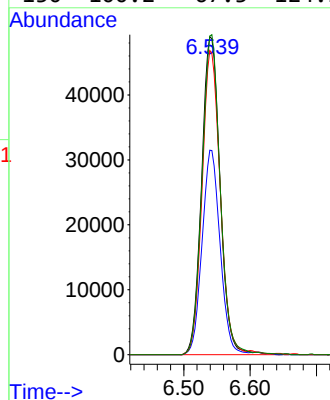


#34
Trichloroethene
Concen: 5.416 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :

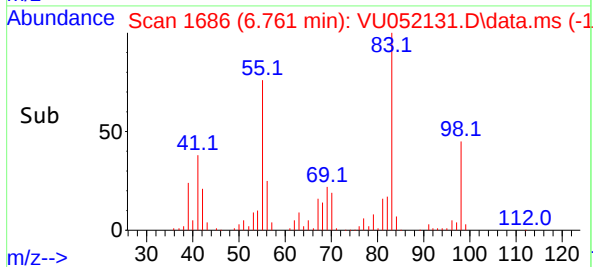
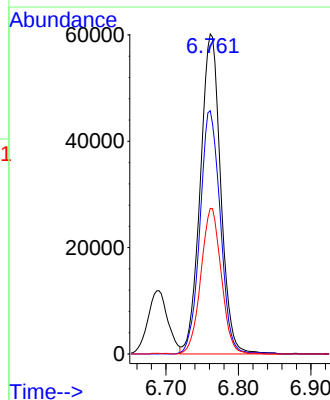
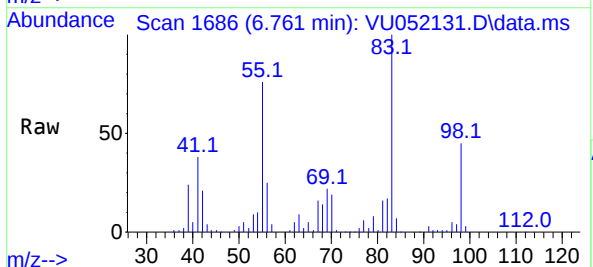


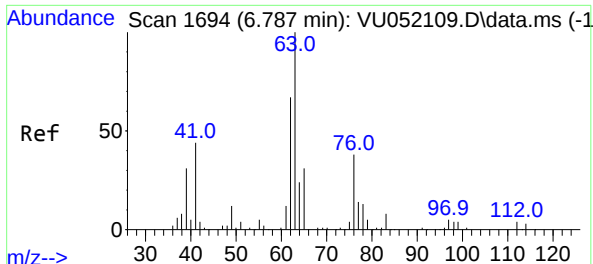
Tgt Ion: 95 Resp: 94706
Ion Ratio Lower Upper
95 100
97 64.3 43.7 81.1
132 95.7 64.3 119.3
130 100.2 67.3 124.9



#35
Methylcyclohexane
Concen: 4.678 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion: 83 Resp: 117660
Ion Ratio Lower Upper
83 100
55 75.4 60.8 91.2
98 45.3 35.1 52.7

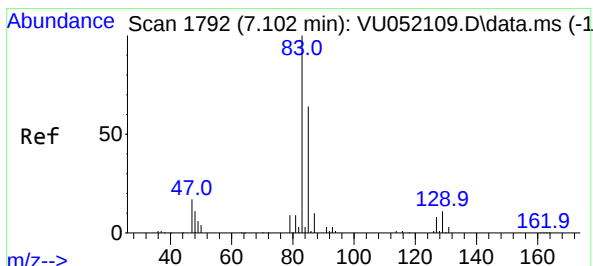
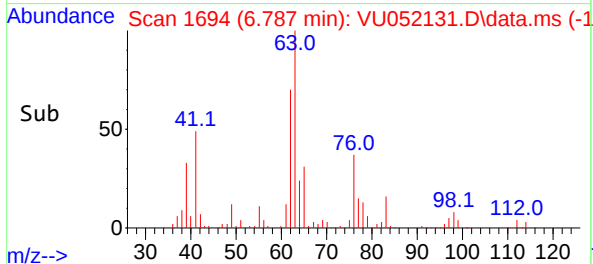
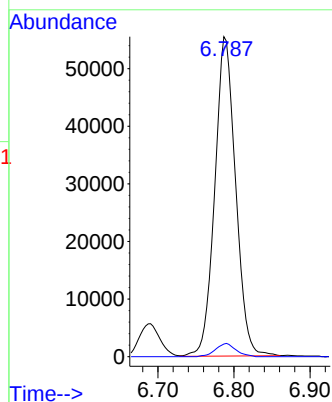
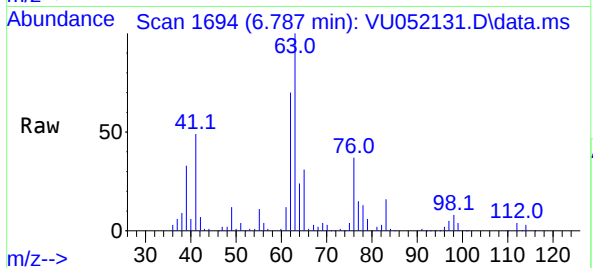




#37
1,2-Dichloropropane
Concen: 5.807 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

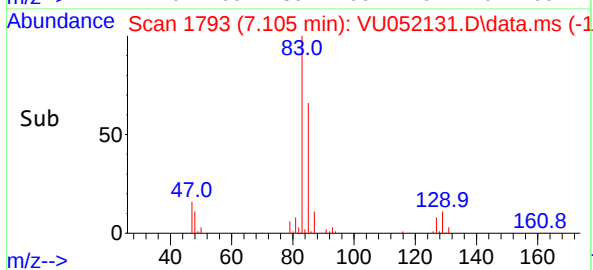
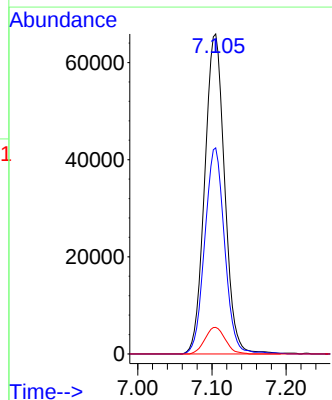
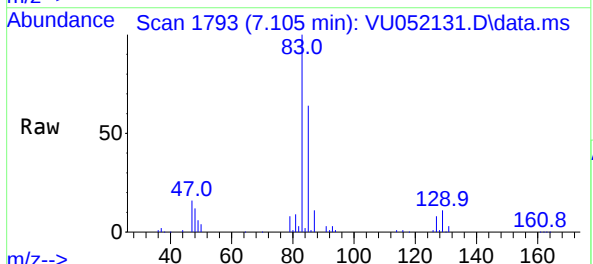
Instrument :
MSVOA_U
ClientSampleId :

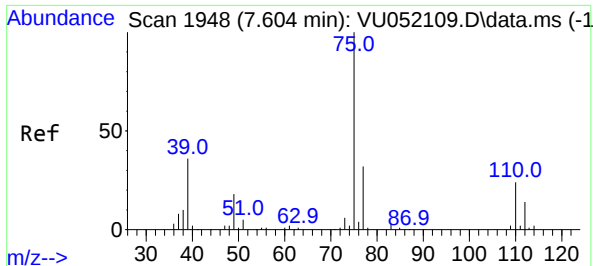
Tgt Ion: 63 Resp: 105404
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 5.538 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion: 83 Resp: 122550
Ion Ratio Lower Upper
83 100
85 64.4 43.5 80.9
127 8.3 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.114 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU052131.D

Acq: 24 Nov 2022 11:04

Instrument :

MSVOA_U

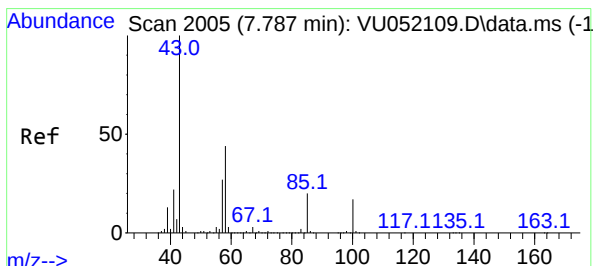
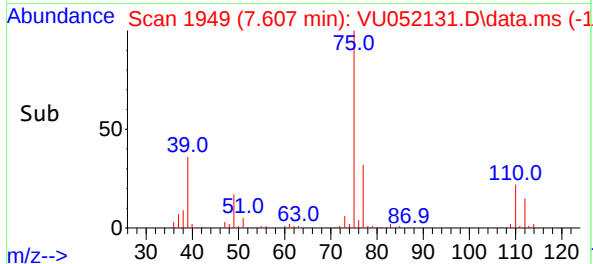
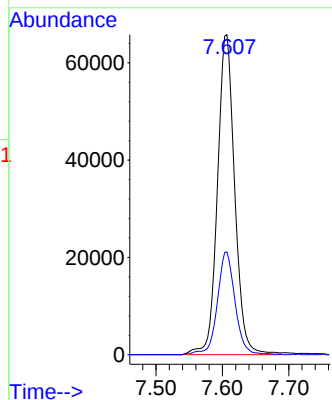
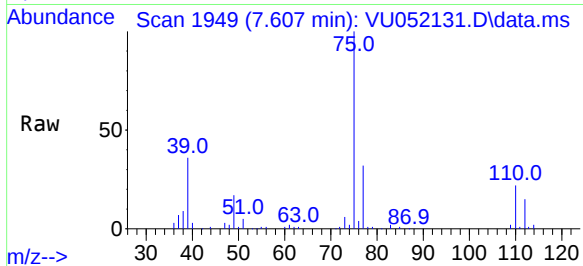
ClientSampleId :

Tgt Ion: 75 Resp: 119185

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 55.956 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU052131.D

Acq: 24 Nov 2022 11:04

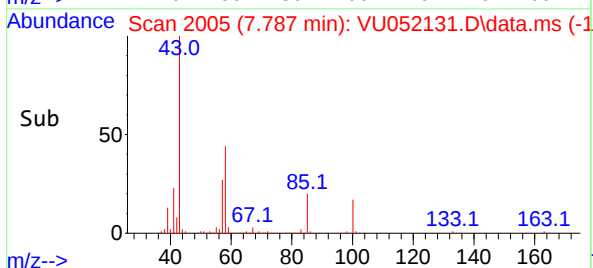
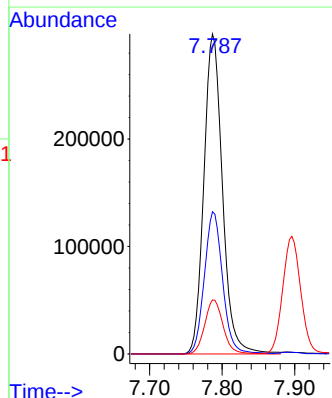
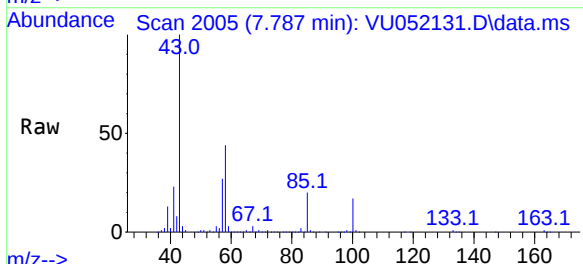
Tgt Ion: 43 Resp: 530518

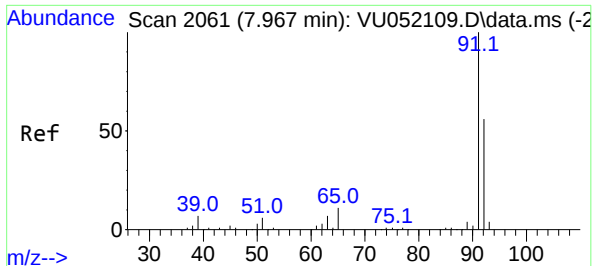
Ion Ratio Lower Upper

43 100

58 43.7 35.3 52.9

100 16.7 13.6 20.4

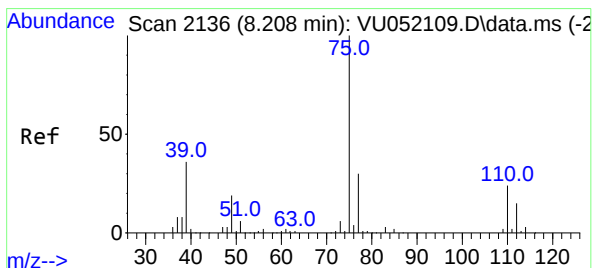
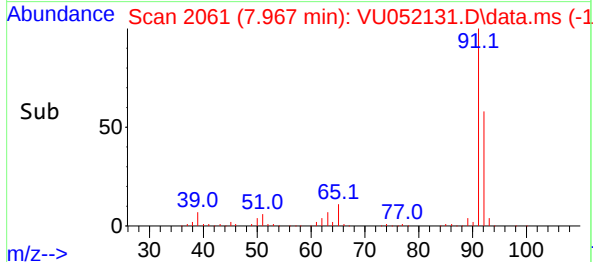
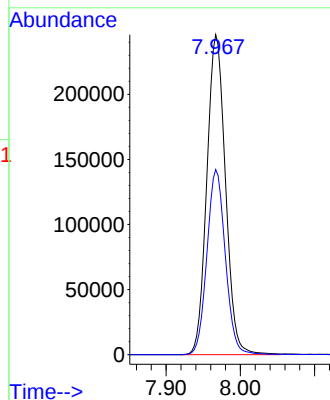
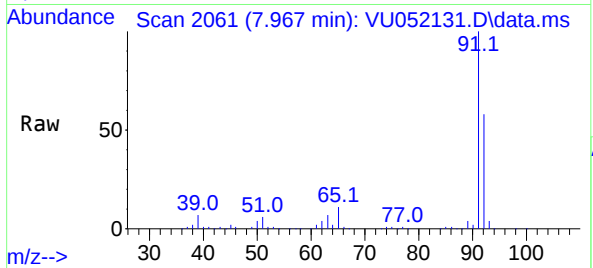




#42
Toluene
Concen: 5.936 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

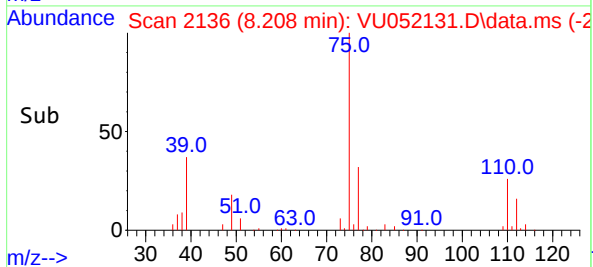
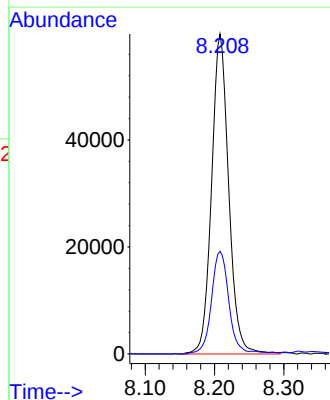
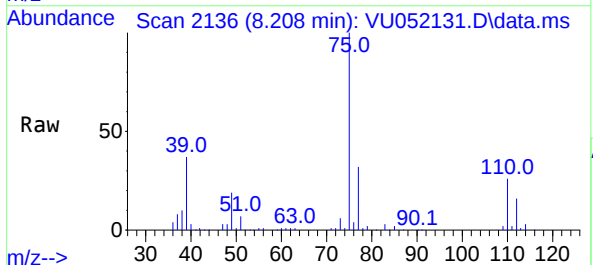
Instrument :
MSVOA_U
ClientSampleId :

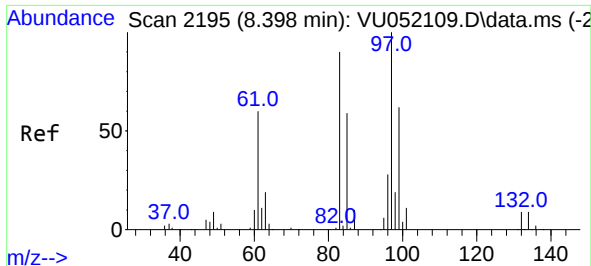
Tgt Ion: 91 Resp: 428018
Ion Ratio Lower Upper
91 100
92 57.9 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.137 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion: 75 Resp: 102509
Ion Ratio Lower Upper
75 100
77 32.1 22.6 42.0



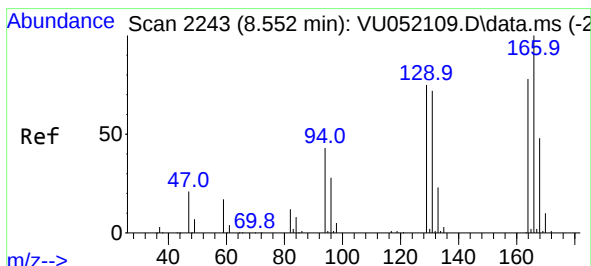
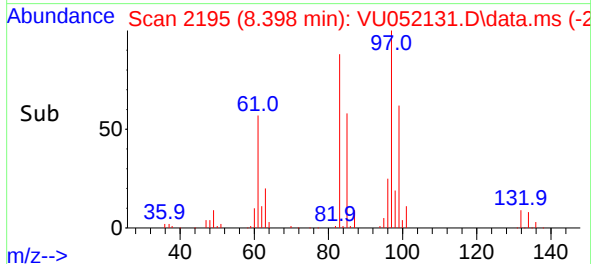
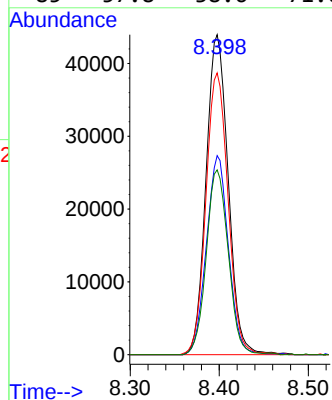
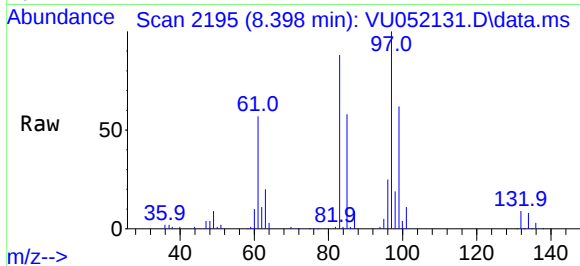


#45
1,1,2-Trichloroethane
Concen: 5.569 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 75966

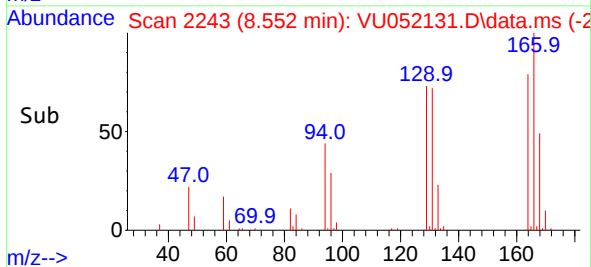
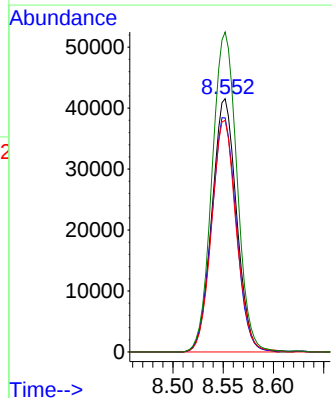
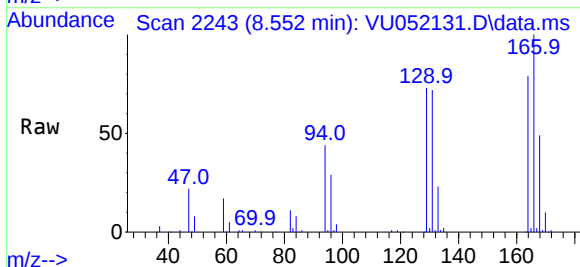
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.6	79.2
83	88.1	60.7	112.7
85	57.8	38.6	71.6

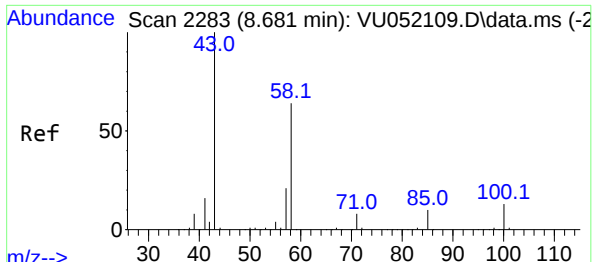


#47
Tetrachloroethene
Concen: 5.275 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion: 164 Resp: 70689

Ion	Ratio	Lower	Upper
164	100		
129	92.4	67.4	125.2
131	91.4	67.1	124.7
166	126.3	89.7	166.5

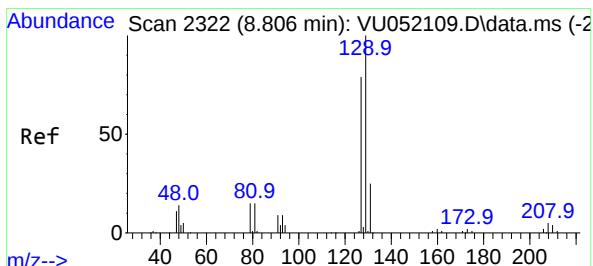
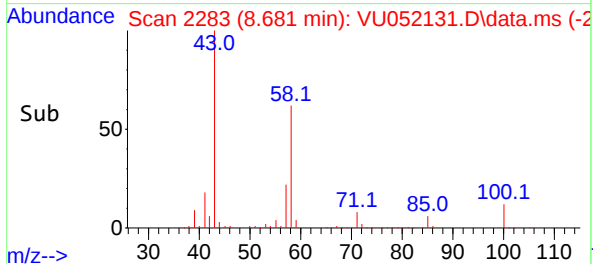
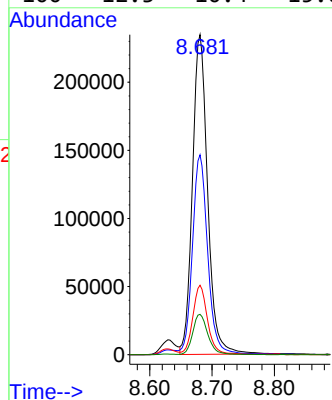
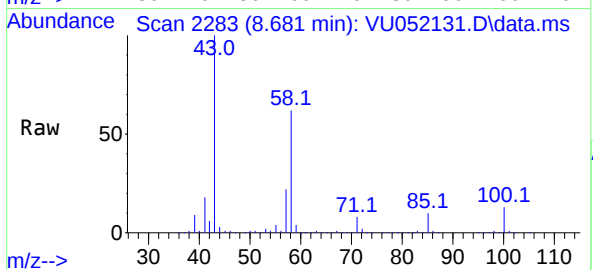




#48
2-Hexanone
Concen: 56.952 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

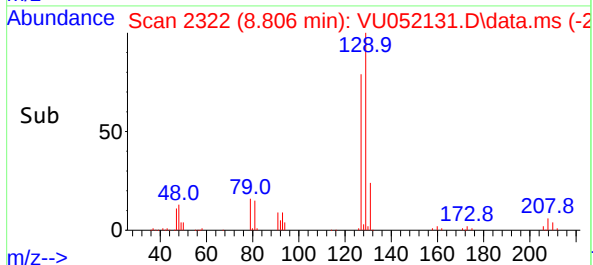
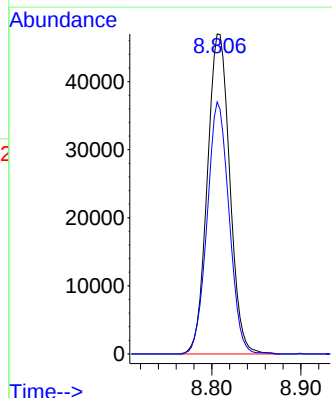
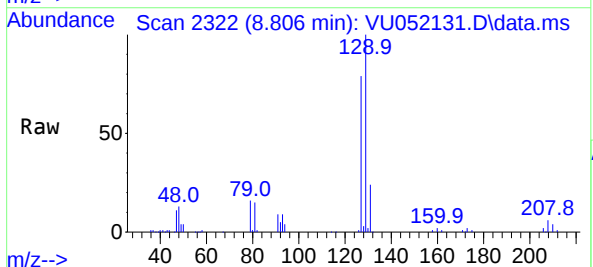
Instrument :
MSVOA_U
ClientSampleId :

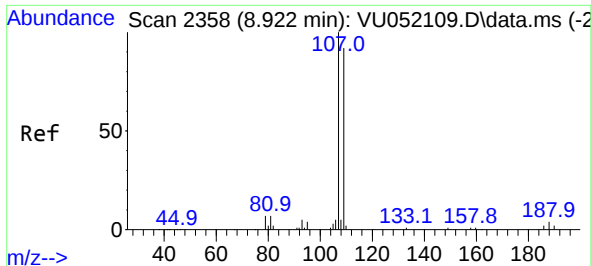
Tgt Ion: 43 Resp: 395852
Ion Ratio Lower Upper
43 100
58 62.2 49.4 74.0
57 21.0 16.3 24.5
100 12.3 10.4 15.6



#49
Dibromochloromethane
Concen: 5.382 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion: 129 Resp: 82214
Ion Ratio Lower Upper
129 100
127 78.7 52.8 98.2





#50

1,2-Dibromoethane

Concen: 5.571 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052131.D

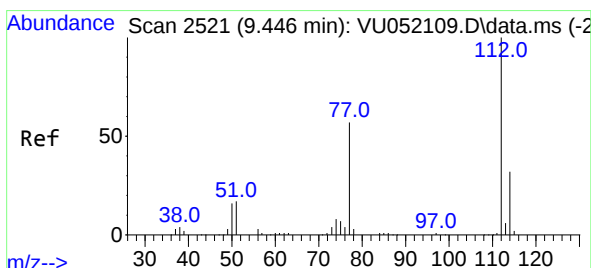
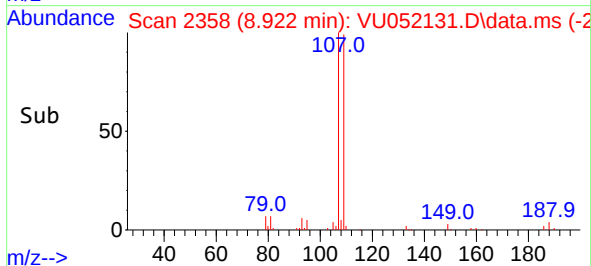
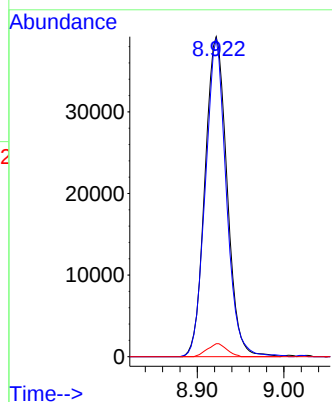
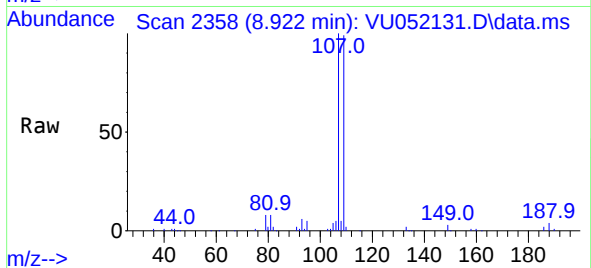
Acq: 24 Nov 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	69216
Ion	Ratio	Lower	Upper
107	100		
109	99.2	64.9	120.5
188	4.0	2.6	4.0#



#51

Chlorobenzene

Concen: 5.565 ug/L

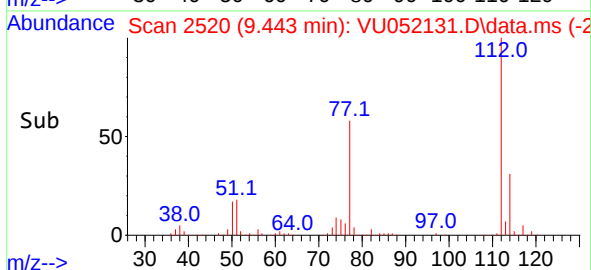
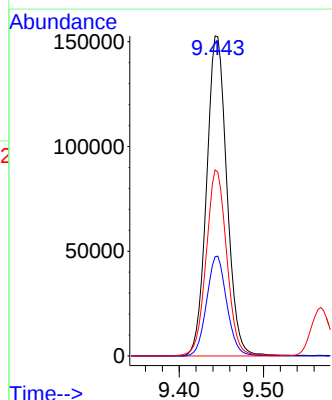
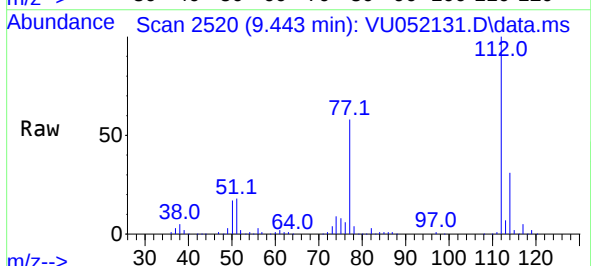
RT: 9.443 min Scan# 2520

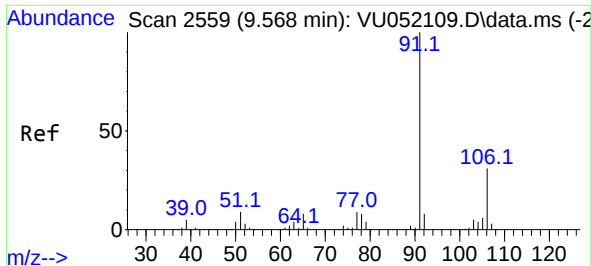
Delta R.T. -0.003 min

Lab File: VU052131.D

Acq: 24 Nov 2022 11:04

Tgt Ion:	112	Resp:	255844
Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.2	41.2
77	58.2	46.6	70.0





#52

Ethylbenzene

Concen: 5.582 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU052131.D

Acq: 24 Nov 2022 11:04

Instrument :

MSVOA_U

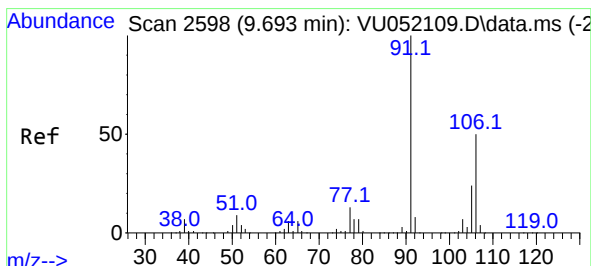
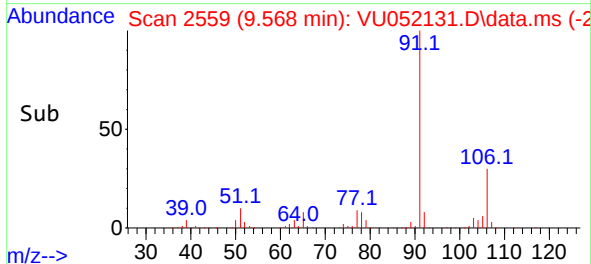
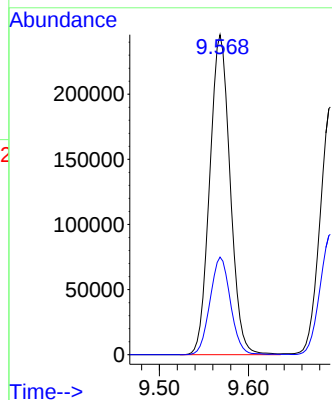
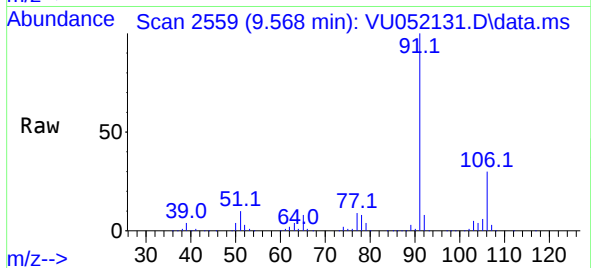
ClientSampleId :

Tgt Ion: 91 Resp: 391327

Ion Ratio Lower Upper

91 100

106 30.5 22.3 41.3



#53

m,p-Xylene

Concen: 5.785 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU052131.D

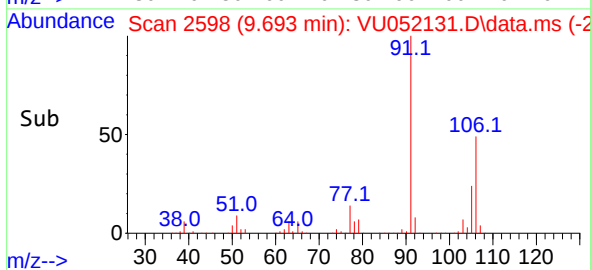
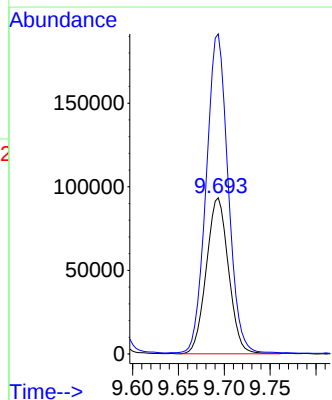
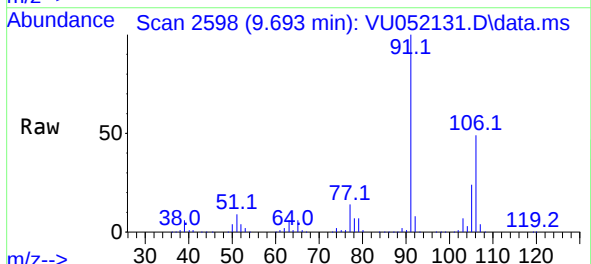
Acq: 24 Nov 2022 11:04

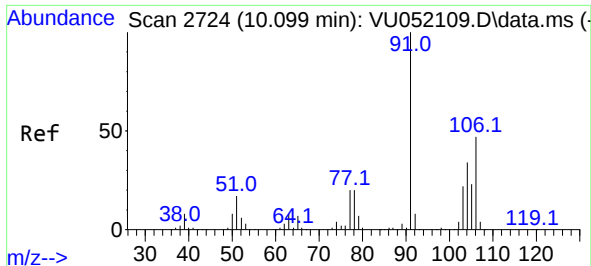
Tgt Ion: 106 Resp: 157032

Ion Ratio Lower Upper

106 100

91 204.9 137.7 255.7

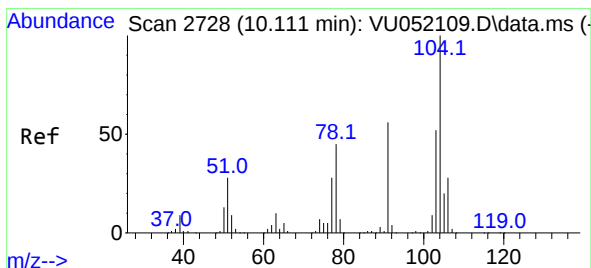
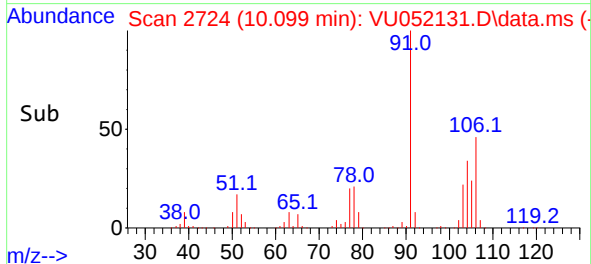
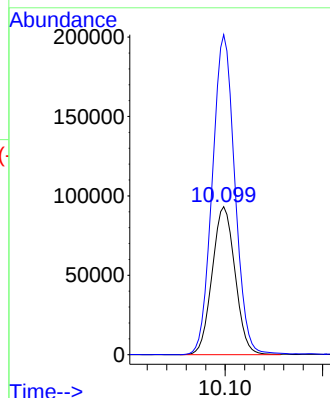
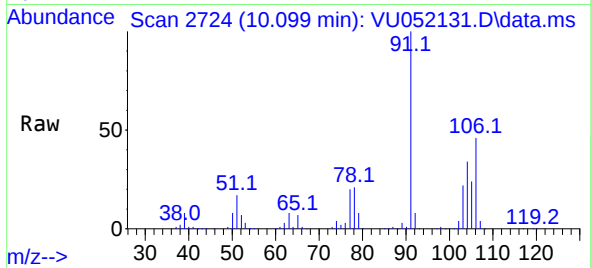




#54
o-Xylene
Concen: 5.846 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

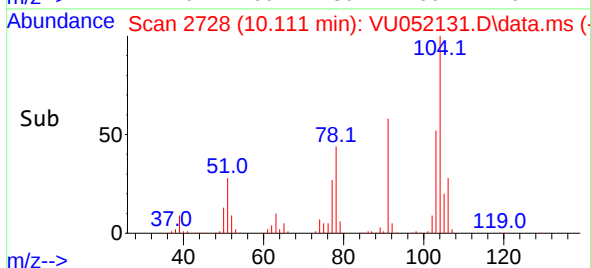
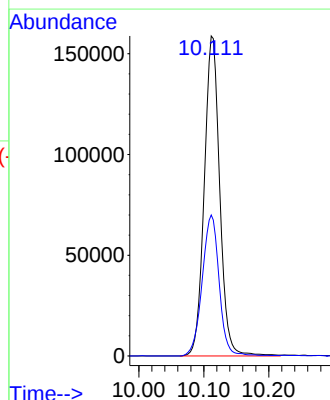
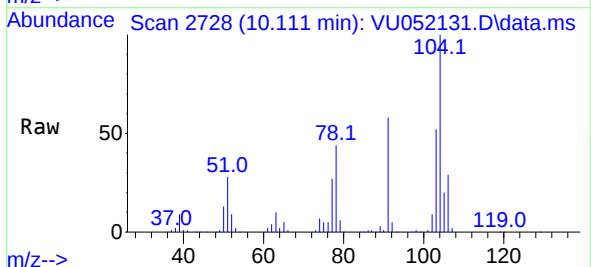
Instrument :
MSVOA_U
ClientSampleId :

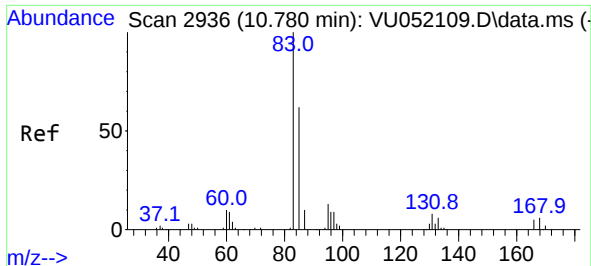
Tgt Ion:106 Resp: 152104
Ion Ratio Lower Upper
106 100
91 216.3 151.5 281.5



#55
Styrene
Concen: 6.015 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion:104 Resp: 264299
Ion Ratio Lower Upper
104 100
78 44.1 30.6 56.8

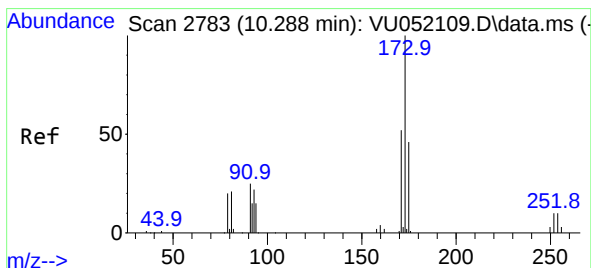
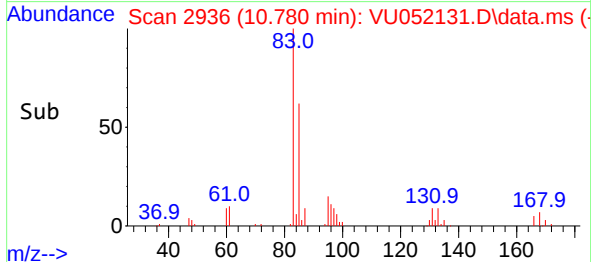
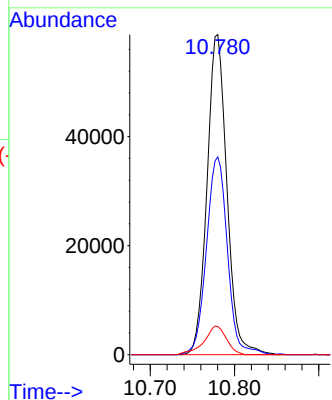
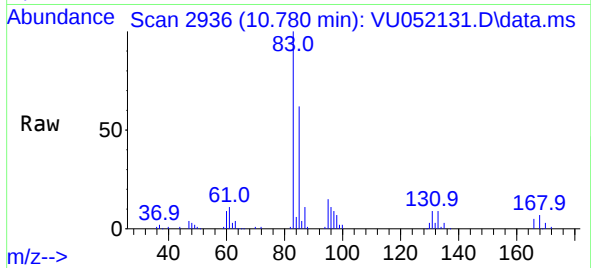




#57
1,1,2,2-Tetrachloroethane
Concen: 5.655 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

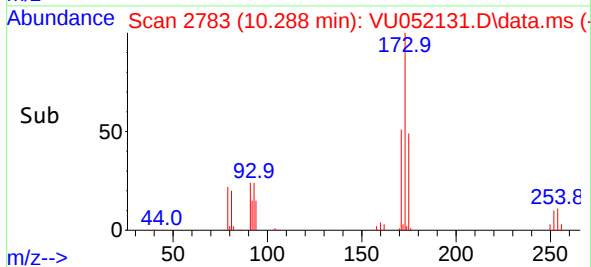
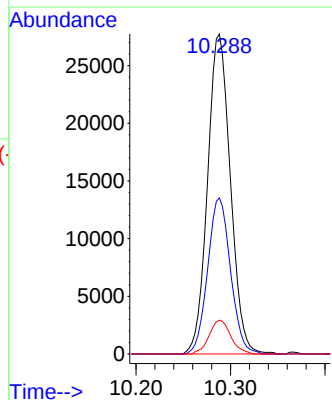
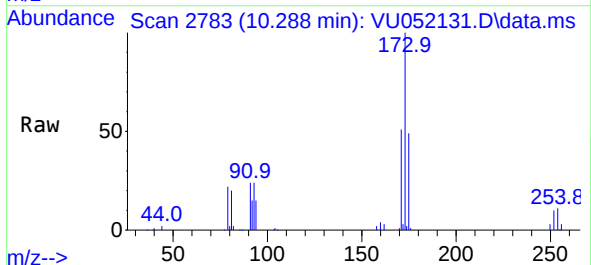
Instrument :
MSVOA_U
ClientSampleId :

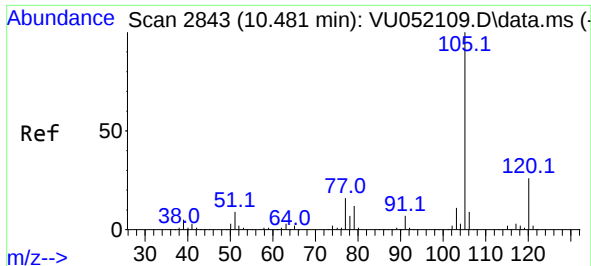
Tgt Ion: 83 Resp: 96343
Ion Ratio Lower Upper
83 100
85 61.8 45.7 84.9
131 8.8 7.6 11.4



#59
Bromoform
Concen: 5.301 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion:173 Resp: 46558
Ion Ratio Lower Upper
173 100
175 48.7 37.2 55.8
254 10.0 7.0 10.6

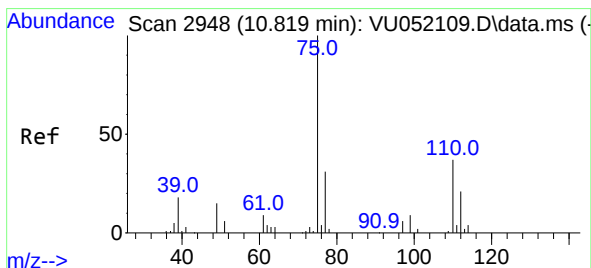
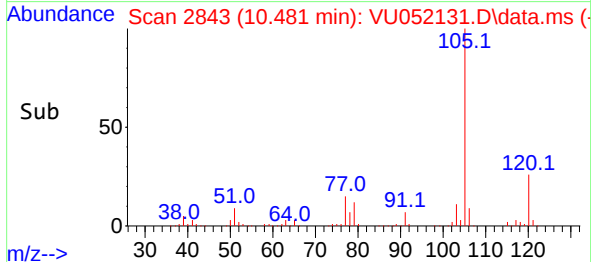
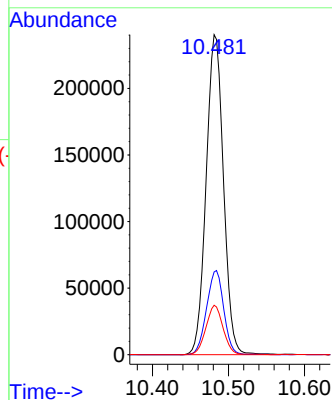
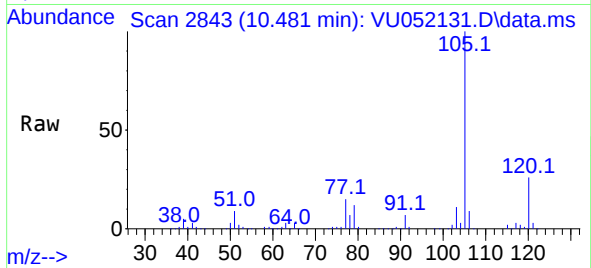




#60
Isopropylbenzene
Concen: 5.683 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

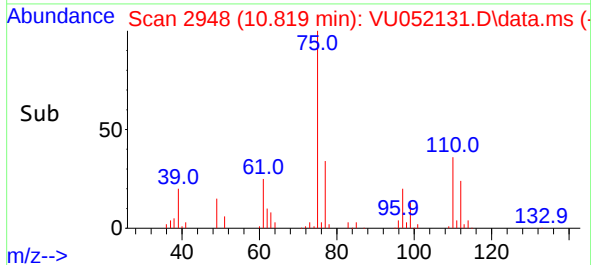
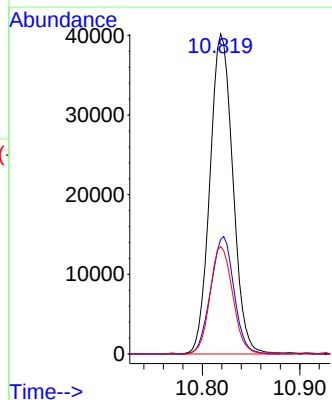
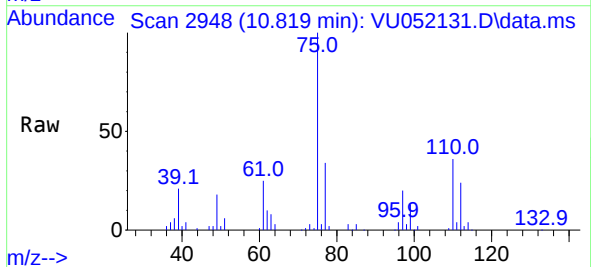
Instrument :
MSVOA_U
ClientSampleId :

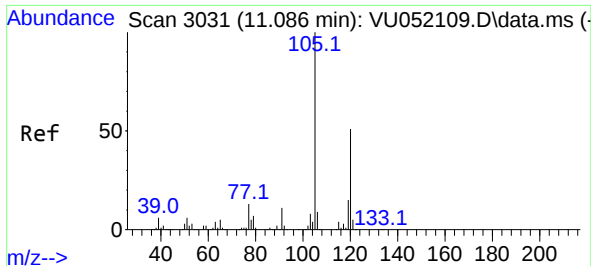
Tgt Ion:105 Resp: 380651
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.3 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.385 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

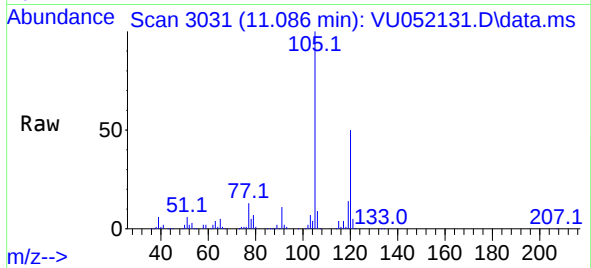
Tgt Ion: 75 Resp: 65722
Ion Ratio Lower Upper
75 100
110 37.1 28.3 42.5
77 33.2 26.2 39.2



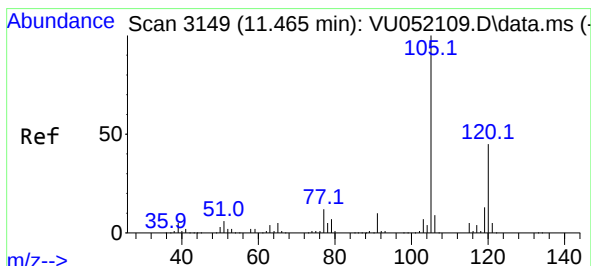
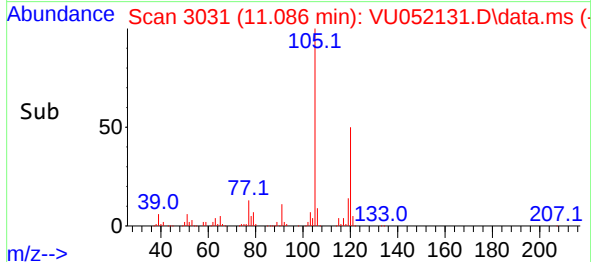
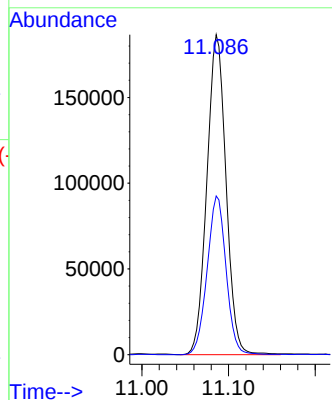


#62
1,3,5-Trimethylbenzene
Concen: 5.356 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :

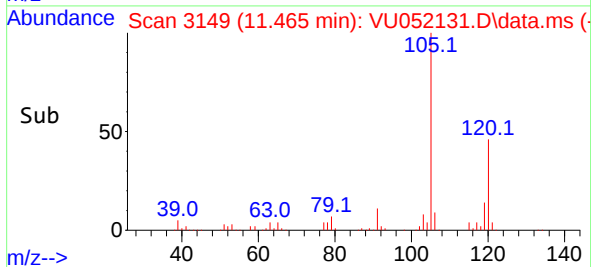
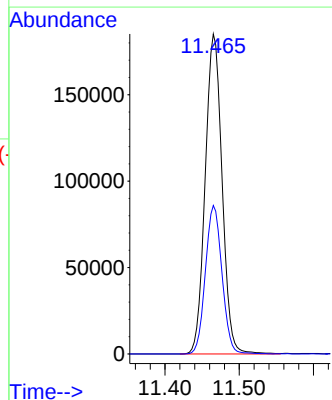
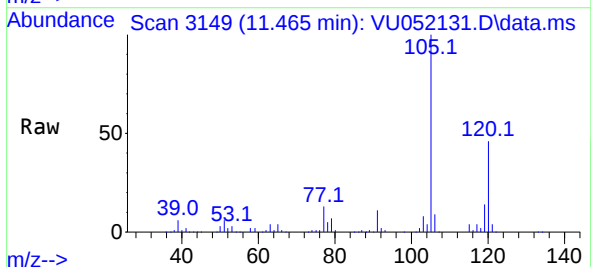


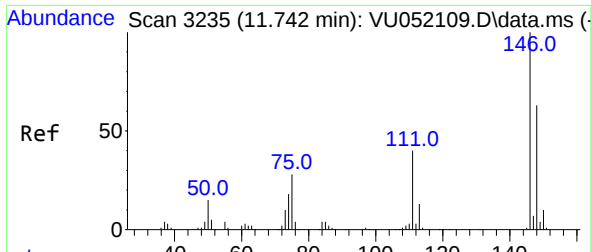
Tgt Ion:105 Resp: 286774
Ion Ratio Lower Upper
105 100
120 49.0 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 5.494 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion:105 Resp: 292024
Ion Ratio Lower Upper
105 100
120 45.5 36.6 55.0

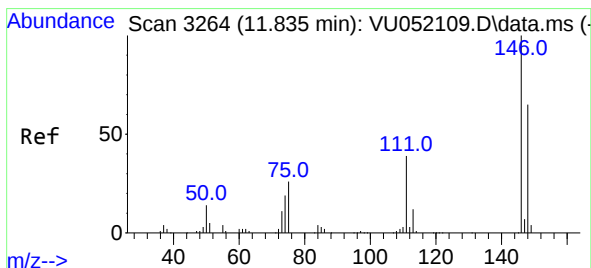
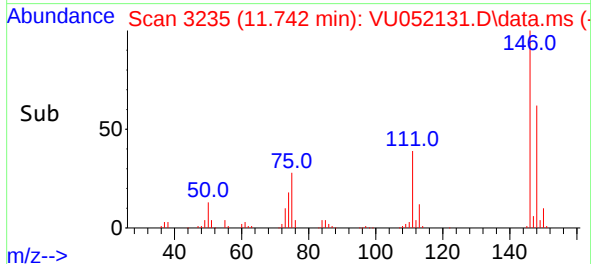
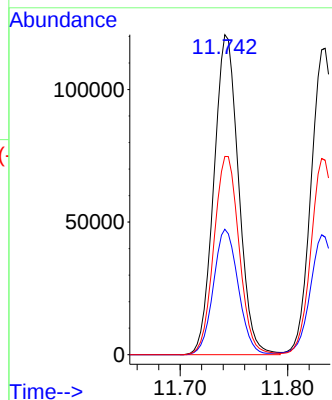
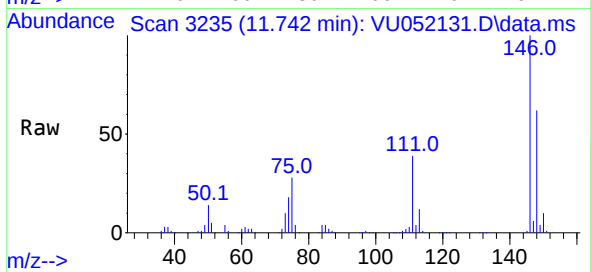




#64
1,3-Dichlorobenzene
Concen: 5.636 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

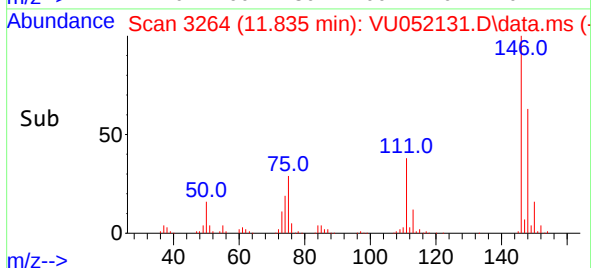
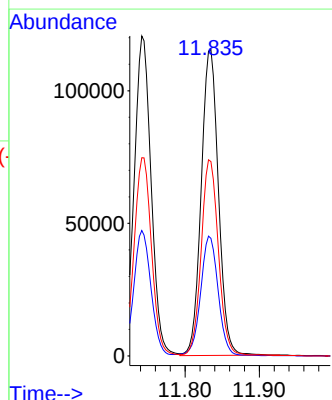
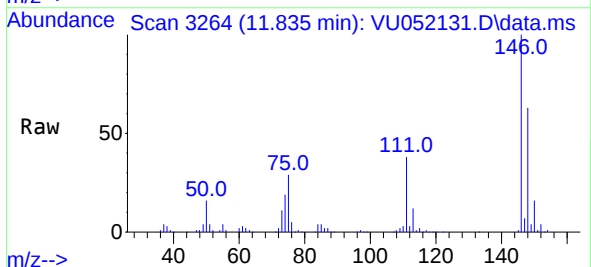
Instrument :
MSVOA_U
ClientSampleId :

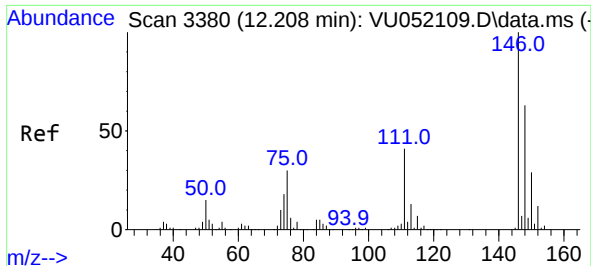
Tgt Ion:146 Resp: 192768
Ion Ratio Lower Upper
146 100
111 39.2 28.6 53.2
148 62.0 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 5.457 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion:146 Resp: 186154
Ion Ratio Lower Upper
146 100
111 38.4 26.9 50.1
148 63.4 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.518 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052131.D

Acq: 24 Nov 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

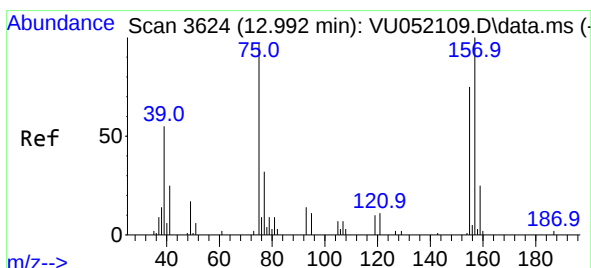
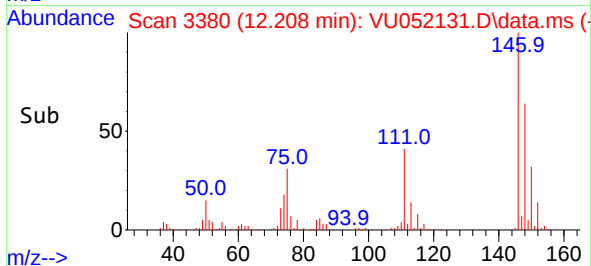
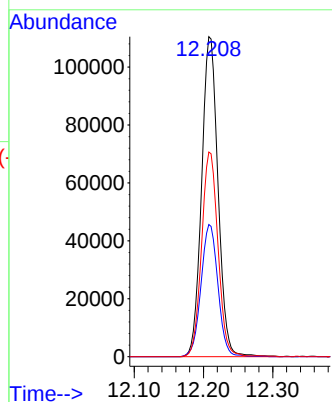
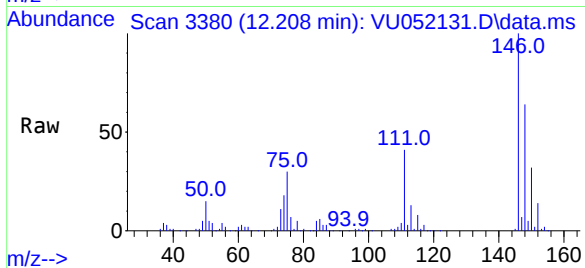
Tgt Ion:146 Resp: 181744

Ion Ratio Lower Upper

146 100

111 41.3 32.7 49.1

148 63.9 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.977 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU052131.D

Acq: 24 Nov 2022 11:04

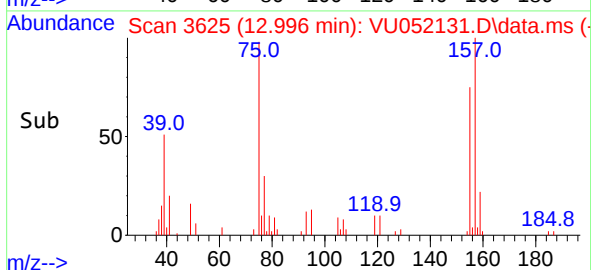
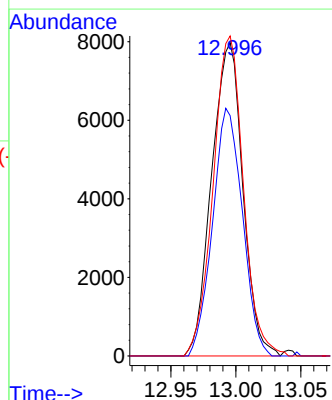
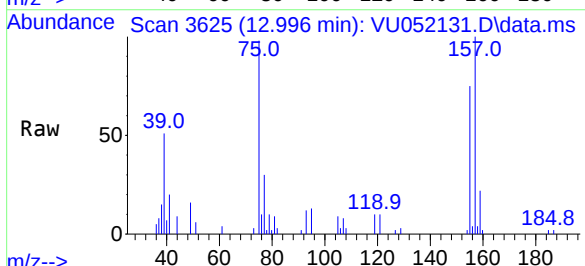
Tgt Ion: 75 Resp: 13292

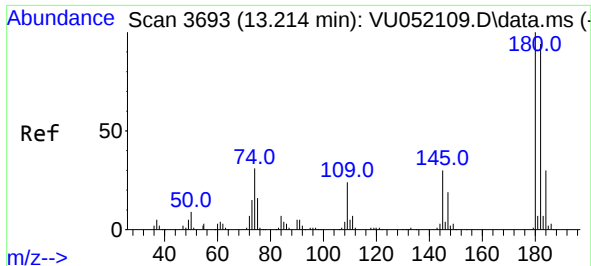
Ion Ratio Lower Upper

75 100

155 76.7 65.4 98.2

157 102.1 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 5.077 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.003 min

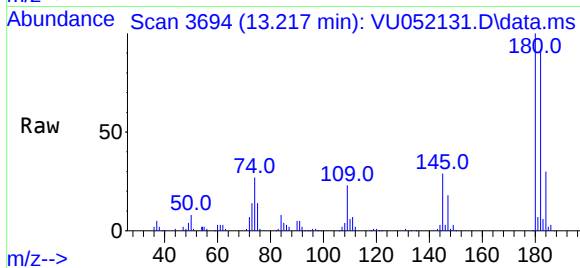
Lab File: VU052131.D

Acq: 24 Nov 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 123135

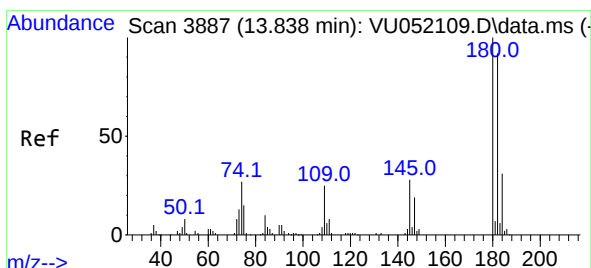
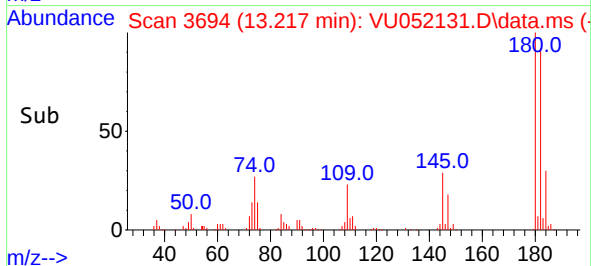
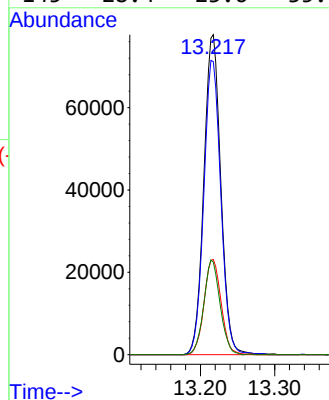
Ion Ratio Lower Upper

180 100

182 92.2 75.7 113.5

184 30.0 24.3 36.5

145 28.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.750 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU052131.D

Acq: 24 Nov 2022 11:04

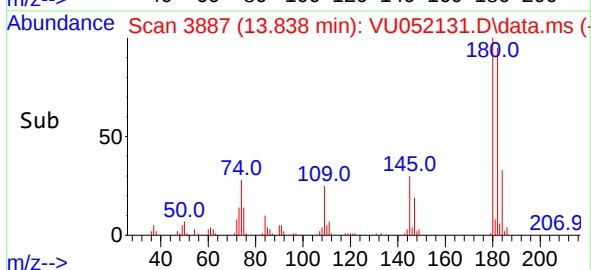
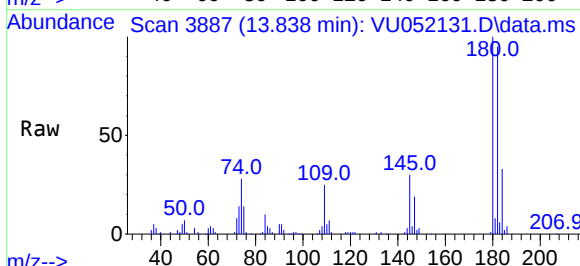
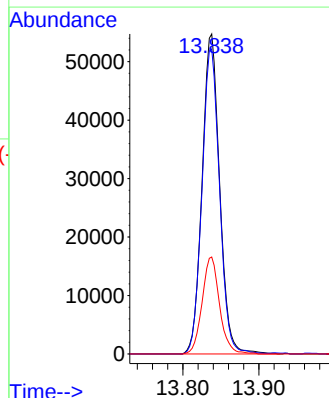
Tgt Ion:180 Resp: 87719

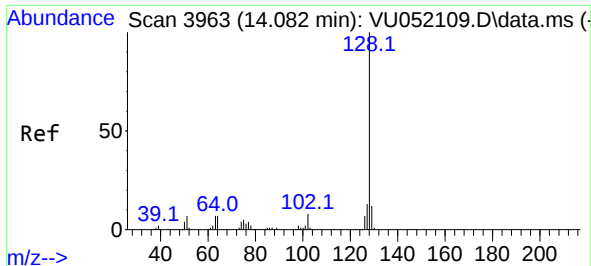
Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

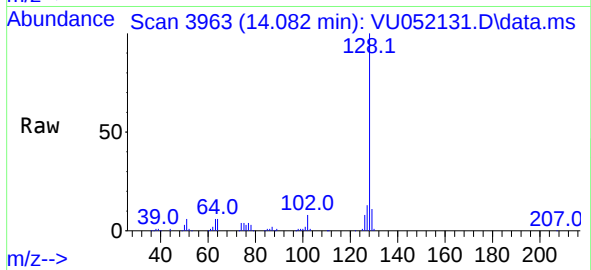
145 30.1 24.6 36.8



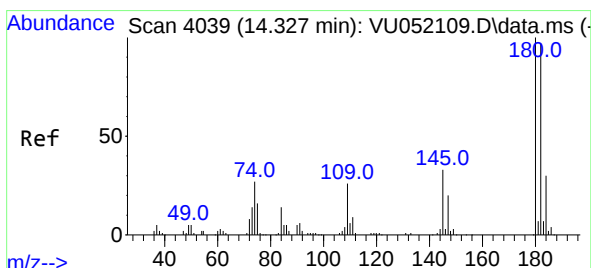
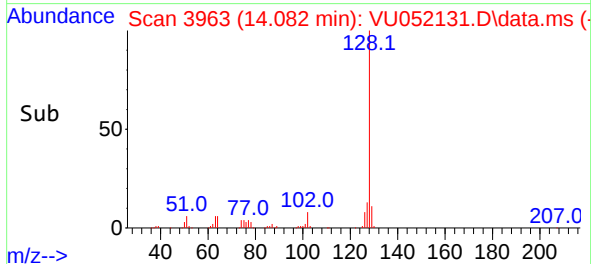
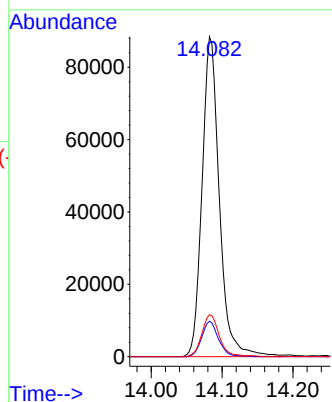


#71
Naphthalene
Concen: 4.316 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 149653
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.900 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU052131.D
Acq: 24 Nov 2022 11:04

Tgt Ion:180 Resp: 89036
Ion Ratio Lower Upper
180 100
182 94.6 75.7 113.5
145 30.9 24.5 36.7

