

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053962.D
 Acq On : 28 Apr 2023 02:07
 Operator : JC/MD
 Sample : 02525-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 28 07:23:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	147285	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	138612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	76820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28762	3.206	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.916	69	26793	3.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.565	65	14241	3.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.636	46	80382	48.921	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.840%
24) Chloroform-d	5.057	84	85279	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.700	65	32274	4.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.726	84	134165	4.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.687	67	43176	4.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.893	98	125920	4.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.176	79	16396	4.220	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.632	63	69066	50.232	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.460%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36682	4.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	49826	4.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	52713	4.824	ug/L	93
3) Chloromethane	1.520	50	54552	5.141	ug/L	100
5) Vinyl chloride	1.604	62	63736	5.206	ug/L	97
6) Bromomethane	1.858	94	39852	5.002	ug/L	96
8) Chloroethane	1.935	64	39196	5.129	ug/L	94
9) Trichlorofluoromethane	2.138	101	92766	5.132	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	58236	5.544	ug/L	96
12) 1,1-Dichloroethene	2.578	96	2164108	233.602	ug/L #	77
13) Acetone	2.655	43	63097	47.354	ug/L	99
14) Carbon disulfide	2.793	76	130349	5.135	ug/L	99
15) Methyl Acetate	2.957	43	15051	5.234	ug/L	98
16) Methylene chloride	3.044	84	57514	4.549	ug/L	95
17) Methyl tert-butyl Ether	3.363	73	108538	5.408	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	51728	5.525	ug/L	99
19) 1,1-Dichloroethane	3.867	63	224399	13.245	ug/L	98
21) 2-Butanone	4.713	43	102838	55.755	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	158486	15.007	ug/L	96
23) Bromochloromethane	4.970	128	25410	5.407	ug/L	94
25) Chloroform	5.083	83	423391	23.012	ug/L	99

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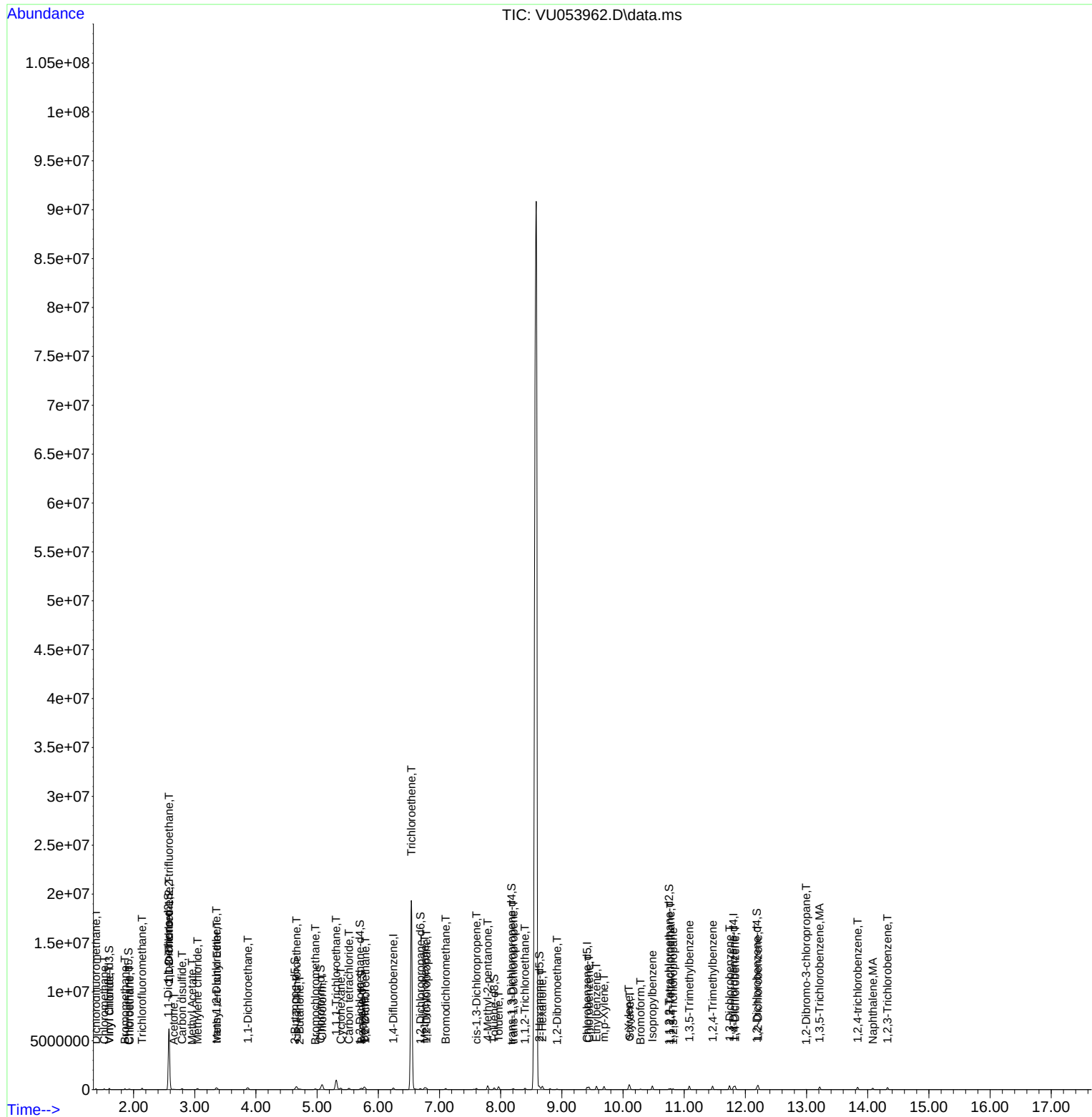
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	58791	5.574	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	721803	46.322	ug/L	98
30) Cyclohexane	5.385	56	72864	5.204	ug/L	99
31) Carbon tetrachloride	5.520	117	90425	6.676	ug/L	94
33) Benzene	5.771	78	253978	6.500	ug/L	100
34) Trichloroethene	6.539	95	6552028	615.393	ug/L	98
35) Methylcyclohexane	6.761	83	86267	5.245	ug/L	97
37) 1,2-Dichloropropane	6.787	63	54001	5.571	ug/L	98
38) Bromodichloromethane	7.102	83	67838	5.598	ug/L	96
39) cis-1,3-Dichloropropene	7.604	75	75113	5.139	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	240006	54.887	ug/L	98
42) Toluene	7.967	91	229160	5.531	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	60971	5.158	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	44535	6.130	ug/L	96
48) 2-Hexanone	8.681	43	176008	52.956	ug/L	99
50) 1,2-Dibromoethane	8.922	107	39181	5.829	ug/L #	100
51) Chlorobenzene	9.443	112	152575	5.424	ug/L	98
52) Ethylbenzene	9.565	91	245801	5.402	ug/L	98
53) m,p-Xylene	9.690	106	96392	5.529	ug/L	98
54) o-Xylene	10.095	106	96558	5.740	ug/L	99
55) Styrene	10.108	104	152846	5.553	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	47220	5.451	ug/L	95
59) Bromoform	10.285	173	24310	5.565	ug/L	100
60) Isopropylbenzene	10.478	105	240739	5.212	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	32431	5.475	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	197585	5.262	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	203765	5.363	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	164125	7.110	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	146309	6.273	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	171351	8.038	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	6753	5.532	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	89236	5.399	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	75334	5.006	ug/L	98
71) Naphthalene	14.082	128	122379	4.601	ug/L	98
72) 1,2,3-Trichlorobenzene	14.323	180	66758	4.972	ug/L	99

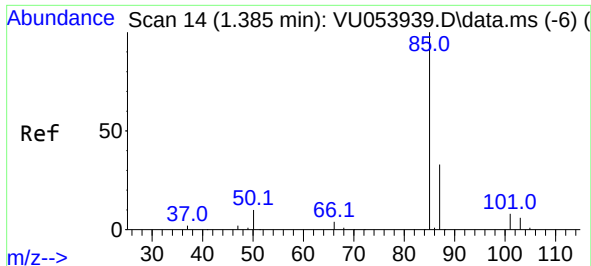
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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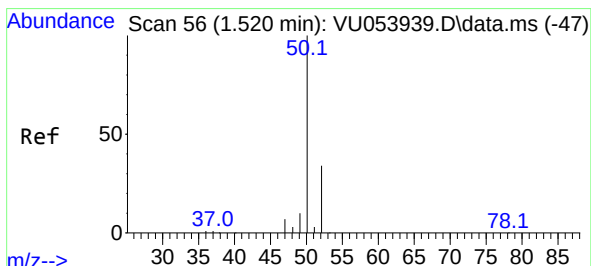
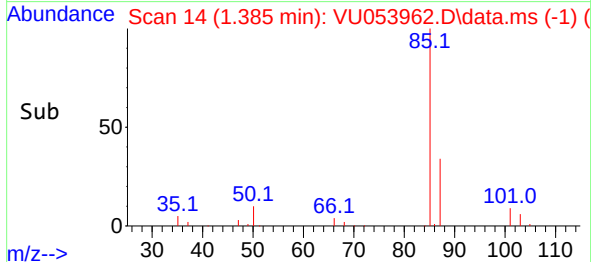
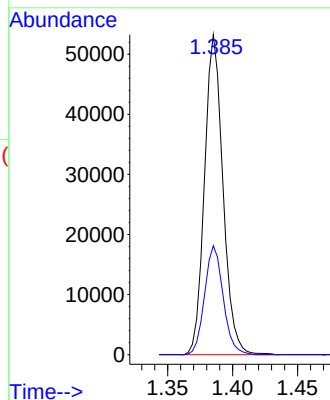
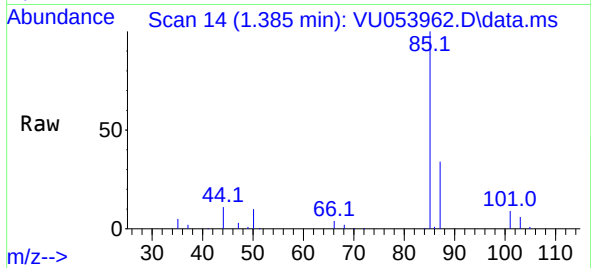




#2
Dichlorodifluoromethane
Concen: 4.824 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

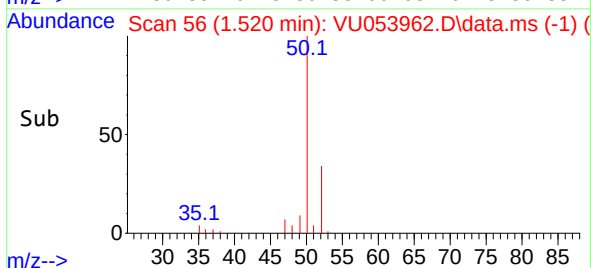
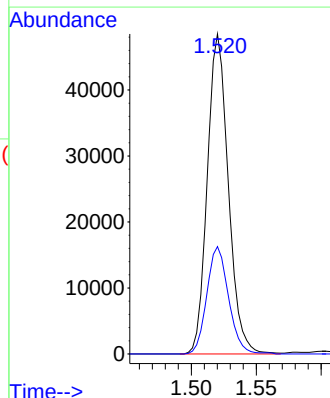
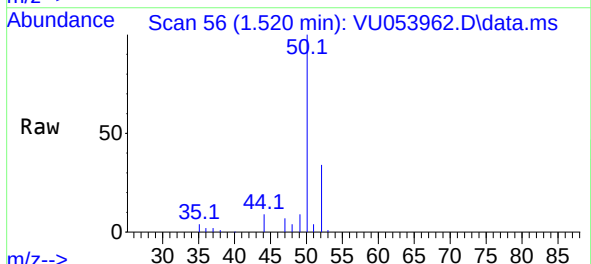
Instrument :
MSVOA_U
ClientSampleId :

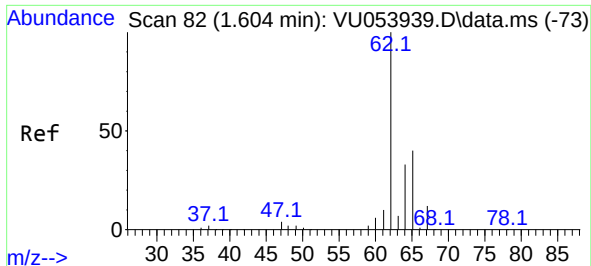
Tgt Ion: 85 Resp: 52713
Ion Ratio Lower Upper
85 100
87 34.2 24.5 36.7



#3
Chloromethane
Concen: 5.141 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

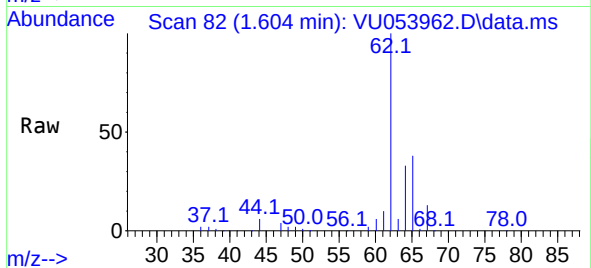
Tgt Ion: 50 Resp: 54552
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.6



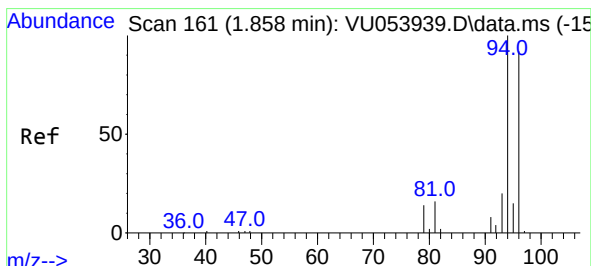
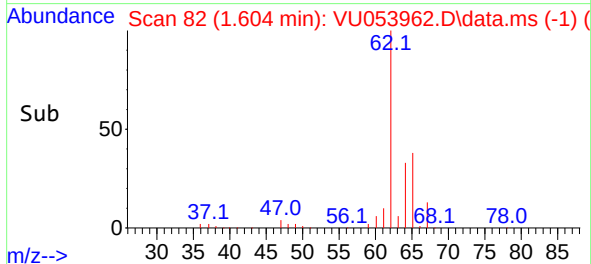
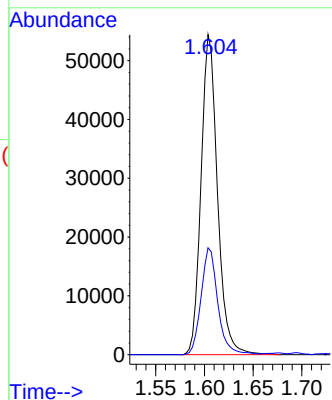


#5
 Vinyl chloride
 Concen: 5.206 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU053962.D
 Acq: 28 Apr 2023 02:07

Instrument :
 MSVOA_U
 ClientSampleId :

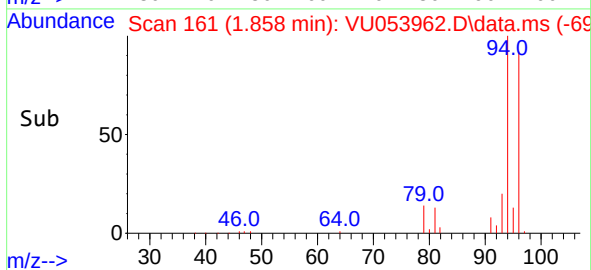
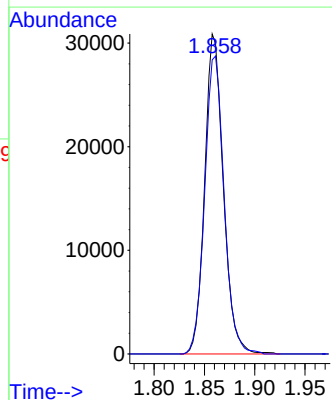
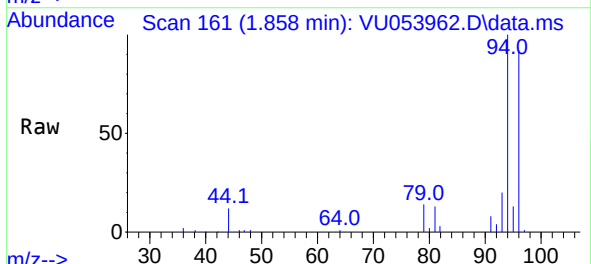


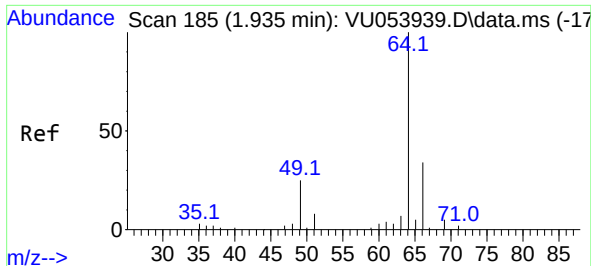
Tgt Ion: 62 Resp: 63736
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.4 41.6



#6
 Bromomethane
 Concen: 5.002 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU053962.D
 Acq: 28 Apr 2023 02:07

Tgt Ion: 94 Resp: 39852
 Ion Ratio Lower Upper
 94 100
 96 91.9 61.9 114.9

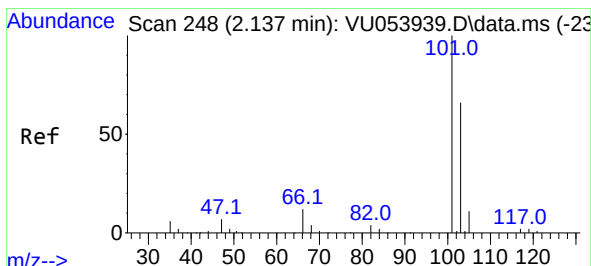
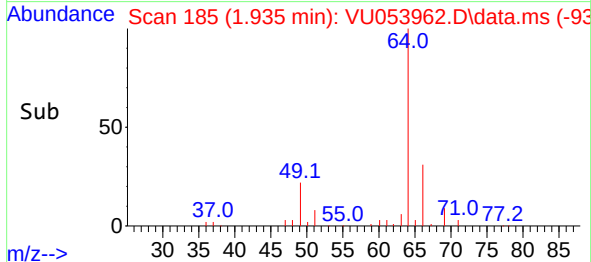
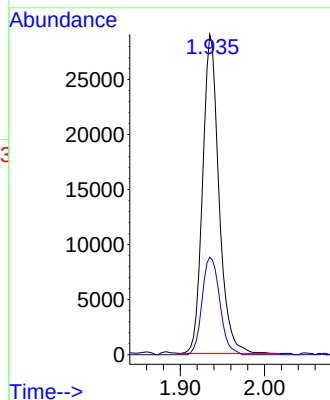
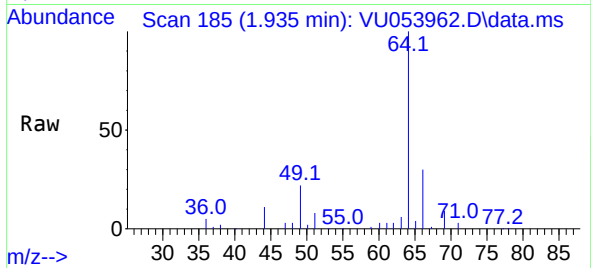




#8
Chloroethane
Concen: 5.129 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

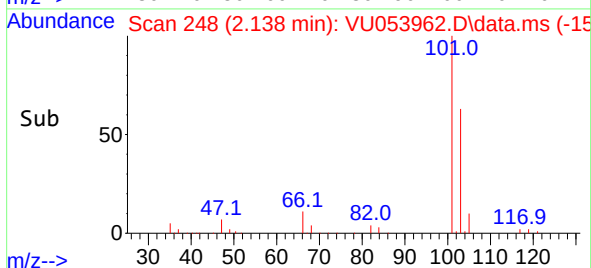
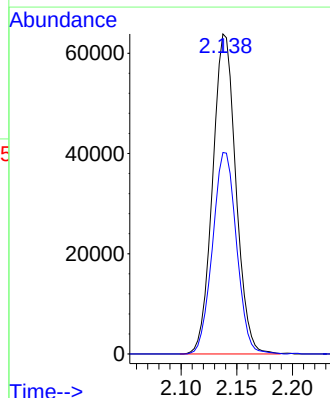
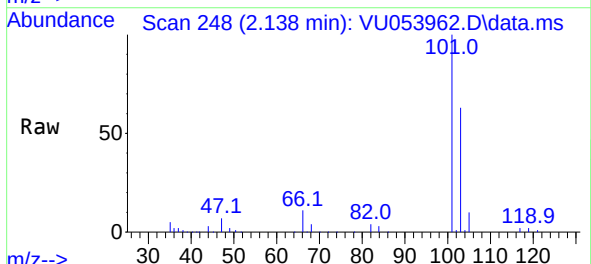
Instrument :
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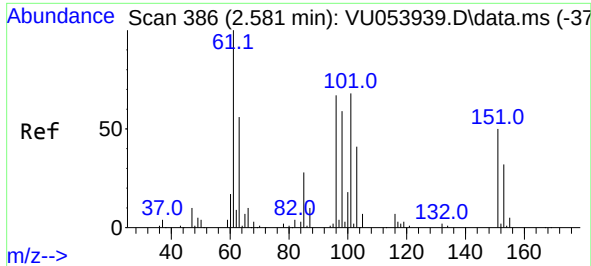
Tgt Ion: 64 Resp: 39196
Ion Ratio Lower Upper
64 100
66 30.4 23.8 44.2



#9
Trichlorofluoromethane
Concen: 5.132 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion:101 Resp: 92766
Ion Ratio Lower Upper
101 100
103 64.8 52.6 78.8

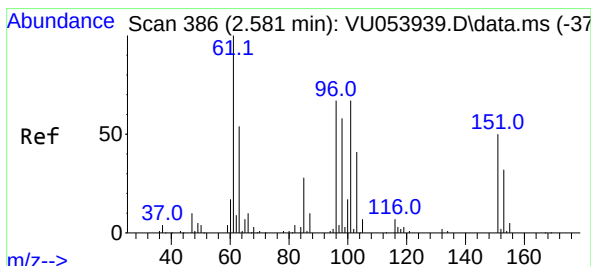
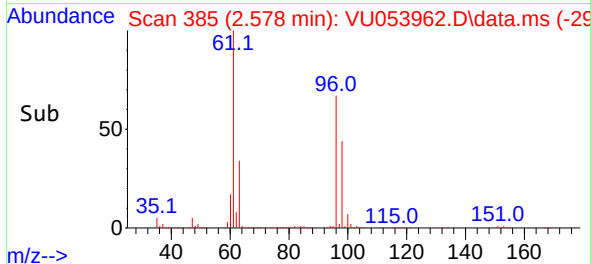
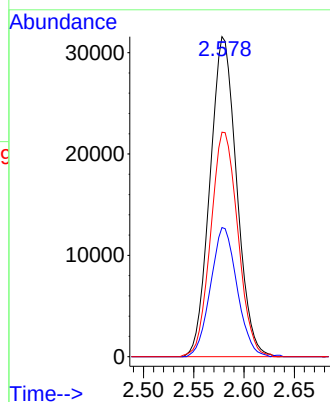
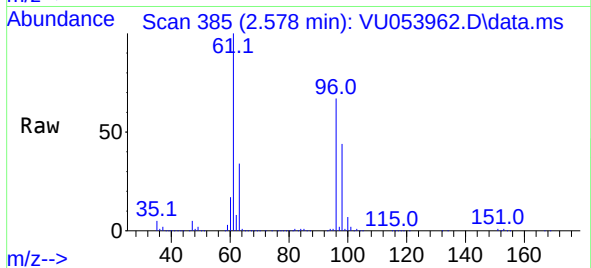




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.544 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

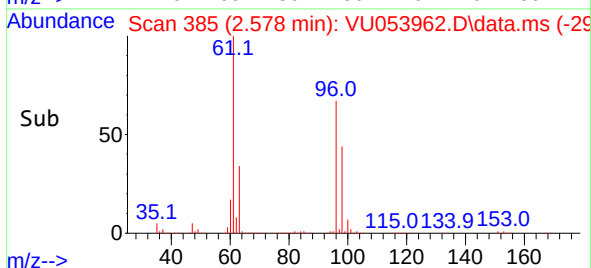
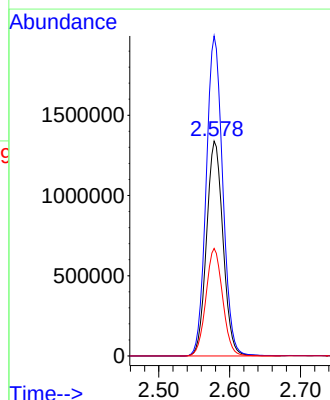
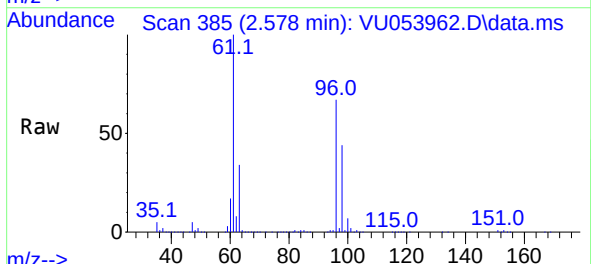
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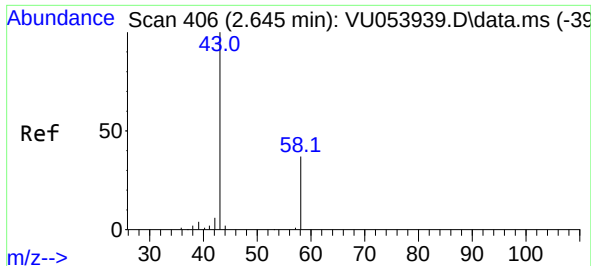
Tgt Ion:101 Resp: 58236
Ion Ratio Lower Upper
101 100
85 40.1 34.7 52.1
151 71.5 59.1 88.7



#12
1,1-Dichloroethene
Concen: 233.602 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion: 96 Resp: 2164108
Ion Ratio Lower Upper
96 100
61 148.9 111.5 207.1
63 50.0 68.7 127.7#





#13

Acetone

Concen: 47.354 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.006 min

Lab File: VU053962.D

Acq: 28 Apr 2023 02:07

Instrument :

MSVOA_U

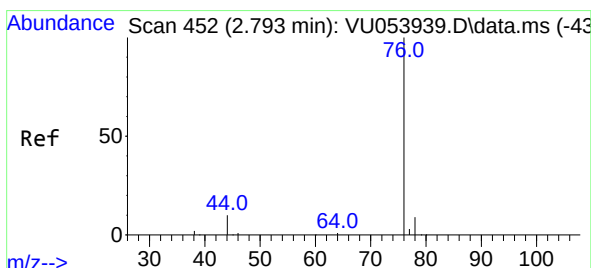
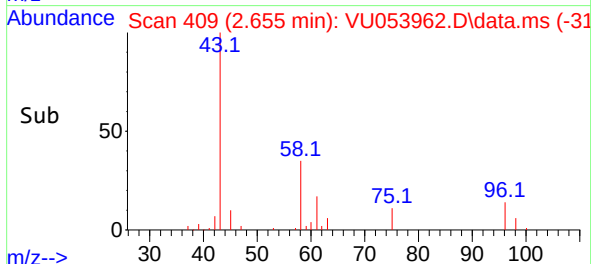
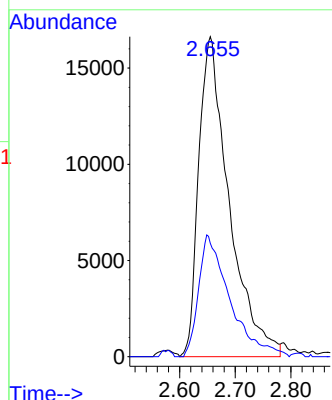
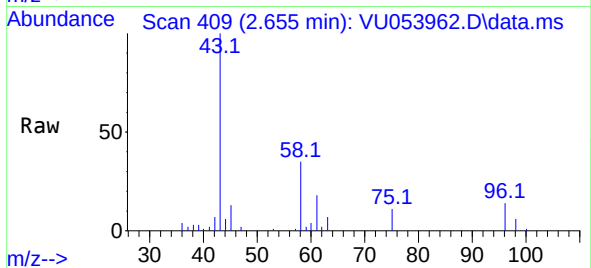
ClientSampleId :

Tgt Ion: 43 Resp: 63097

Ion Ratio Lower Upper

43 100

58 39.0 0.0 76.2



#14

Carbon disulfide

Concen: 5.135 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU053962.D

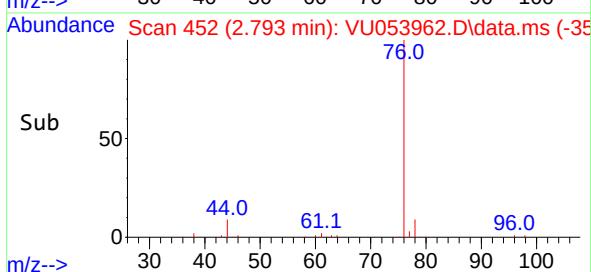
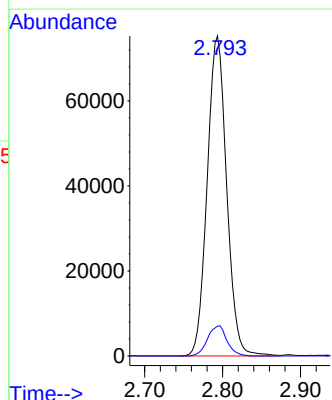
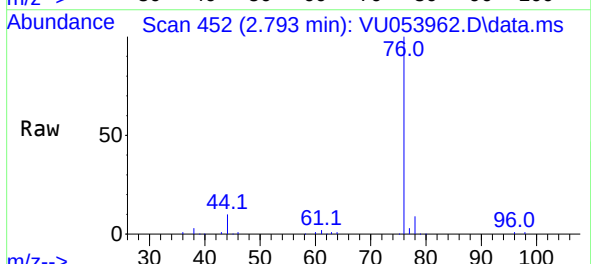
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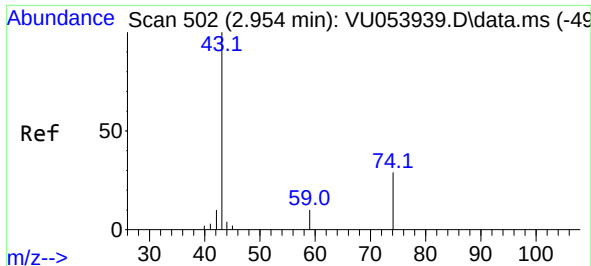
Tgt Ion: 76 Resp: 130349

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

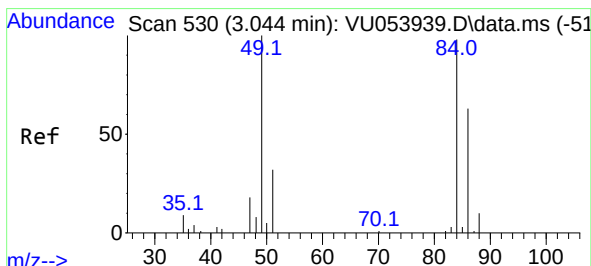
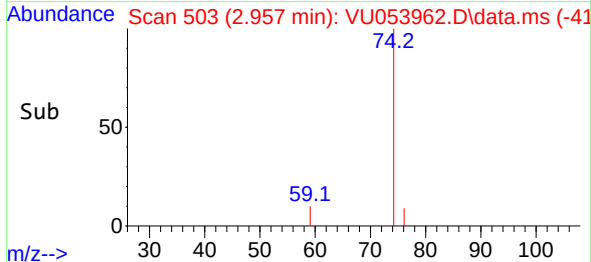
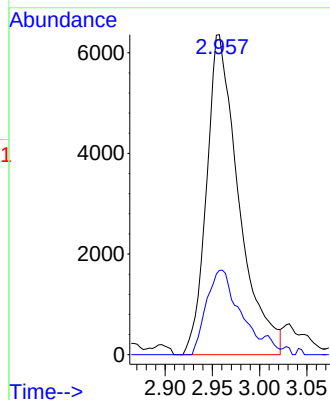
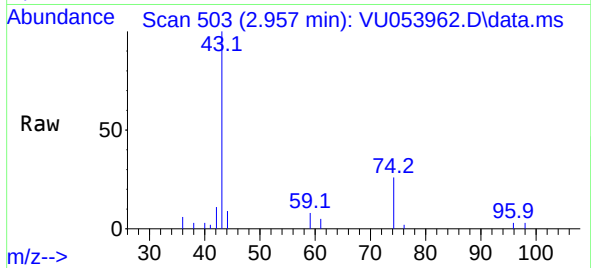




#15
Methyl Acetate
Concen: 5.234 ug/L
RT: 2.957 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

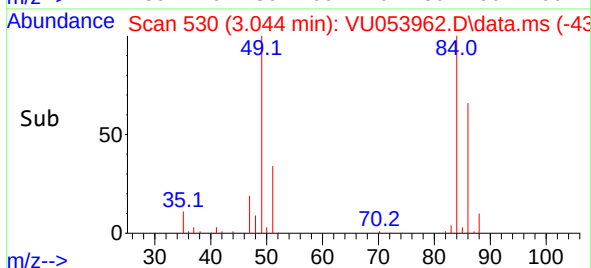
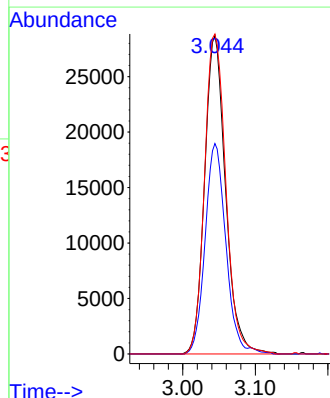
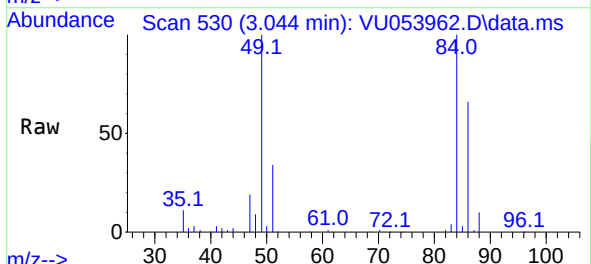
Instrument :
MSVOA_U
ClientSampleId :

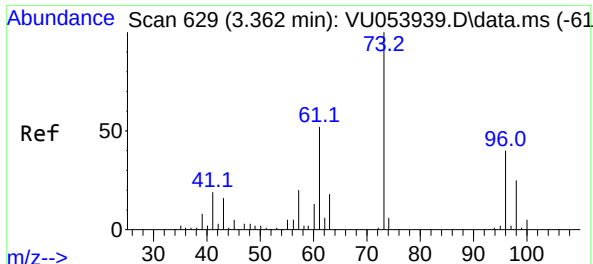
Tgt Ion: 43 Resp: 15051
Ion Ratio Lower Upper
43 100
74 26.6 22.0 33.0



#16
Methylene chloride
Concen: 4.549 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

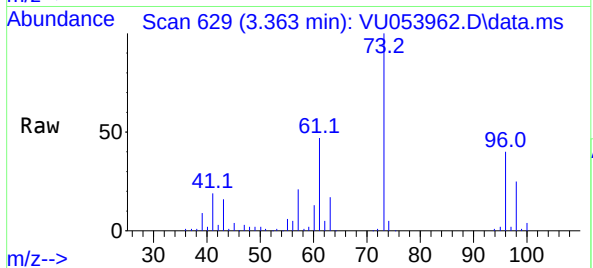
Tgt Ion: 84 Resp: 57514
Ion Ratio Lower Upper
84 100
86 66.1 45.0 83.6
49 100.5 74.8 138.8



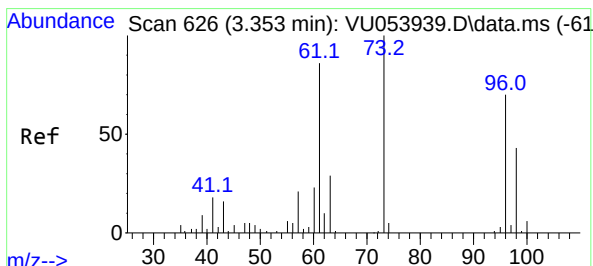
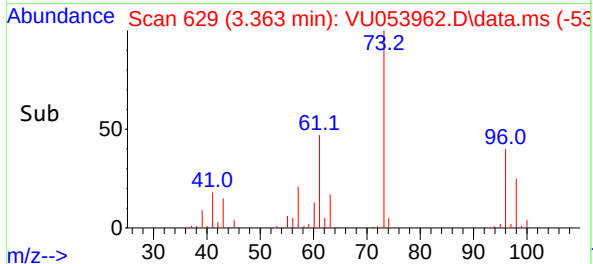
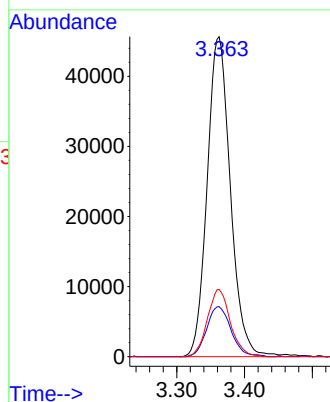


#17
Methyl tert-butyl Ether
Concen: 5.408 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Instrument :
MSVOA_U
ClientSampleId :

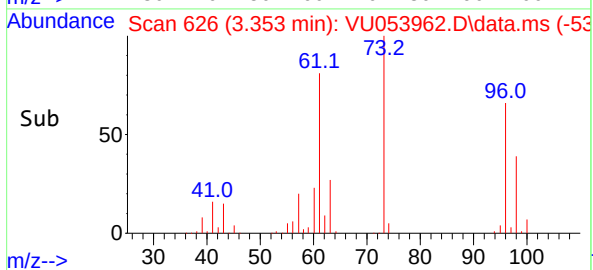
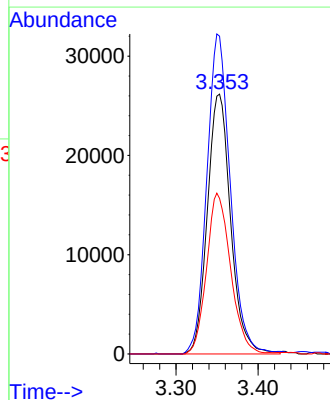
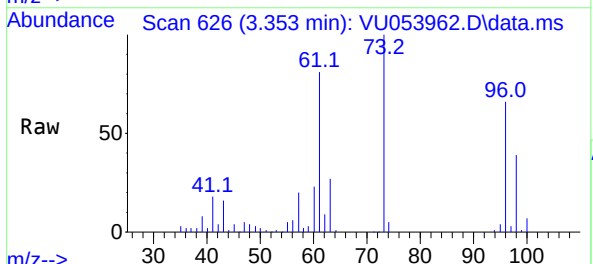


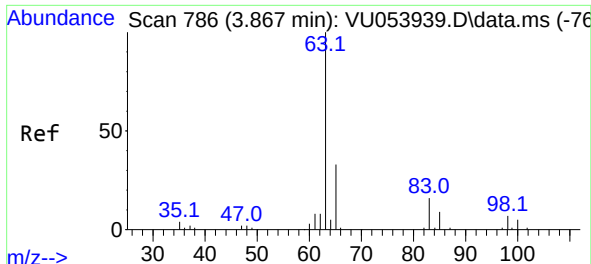
Tgt Ion: 73 Resp: 108538
Ion Ratio Lower Upper
73 100
43 16.5 13.4 20.2
57 20.8 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.525 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

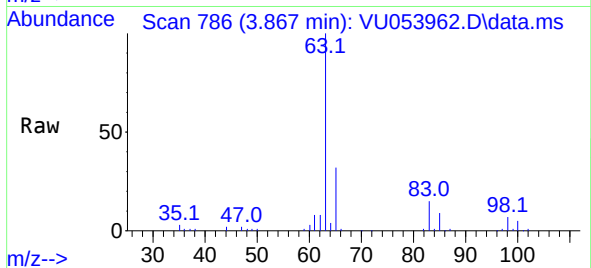
Tgt Ion: 96 Resp: 51728
Ion Ratio Lower Upper
96 100
61 122.3 86.2 160.0
98 59.9 42.8 79.4



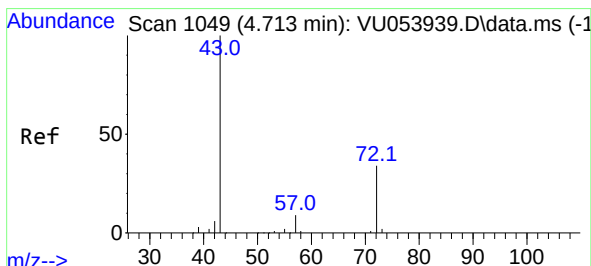
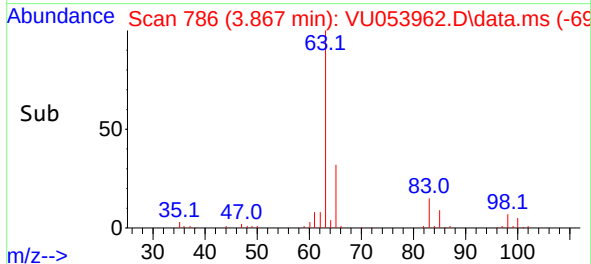
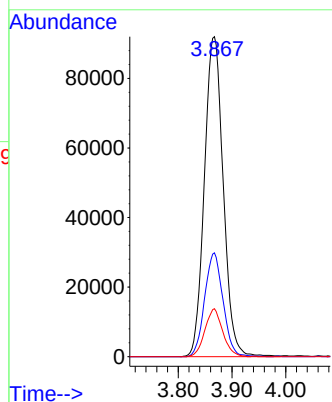


#19
1,1-Dichloroethane
Concen: 13.245 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Instrument :
MSVOA_U
ClientSampleId :

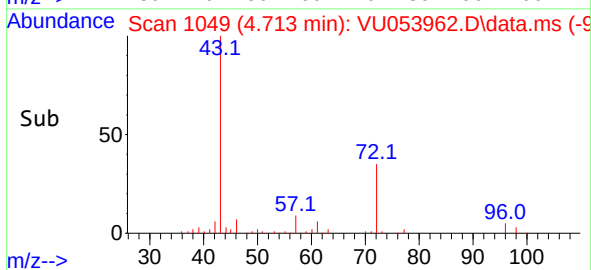
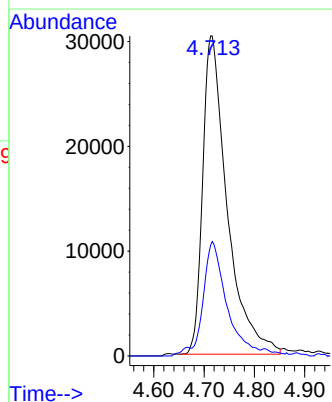
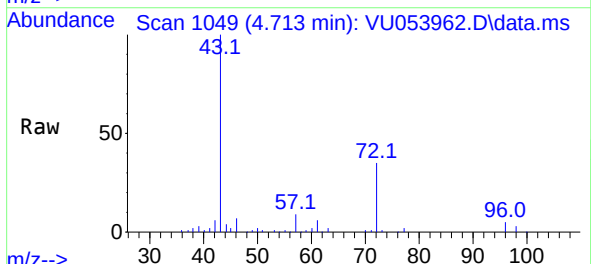


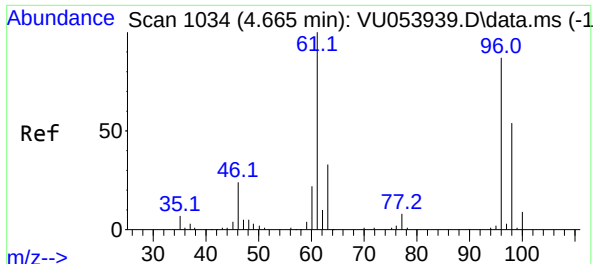
Tgt Ion: 63 Resp: 224399
Ion Ratio Lower Upper
63 100
65 32.4 22.0 40.8
83 15.0 10.3 19.1



#21
2-Butanone
Concen: 55.755 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion: 43 Resp: 102838
Ion Ratio Lower Upper
43 100
72 33.4 15.7 47.0





#22

cis-1,2-Dichloroethene

Concen: 15.007 ug/L

RT: 4.662 min Scan# 1034

Delta R.T. 0.000 min

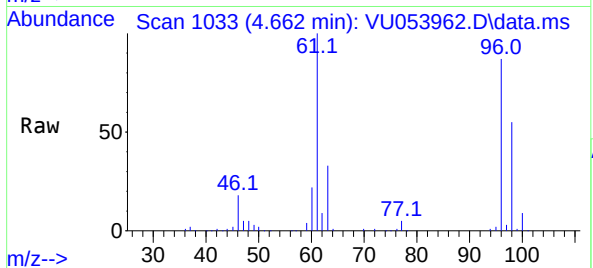
Lab File: VU053962.D

Acq: 28 Apr 2023 02:07

Instrument :

MSVOA_U

ClientSampleId :



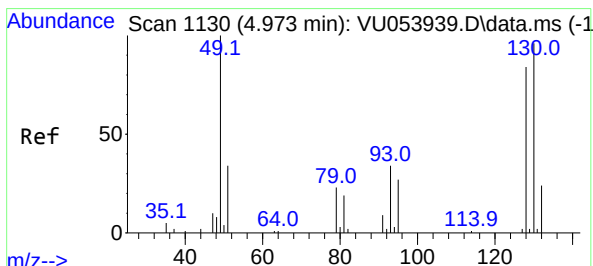
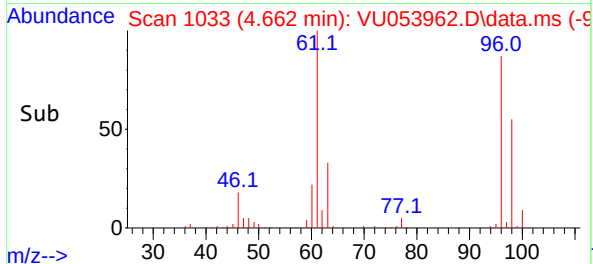
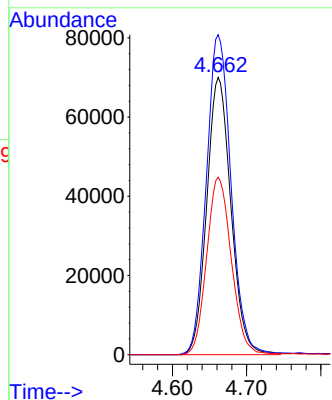
Tgt Ion: 96 Resp: 158486

Ion Ratio Lower Upper

96 100

61 115.4 84.3 156.5

98 64.0 46.4 86.2



#23

Bromochloromethane

Concen: 5.407 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU053962.D

Acq: 28 Apr 2023 02:07

Tgt Ion: 128 Resp: 25410

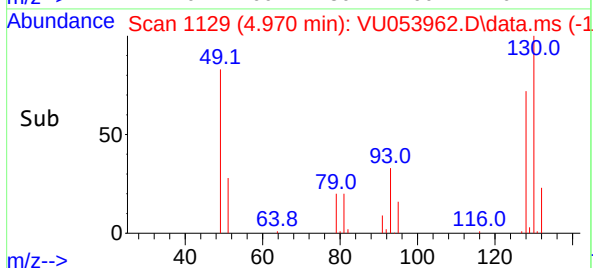
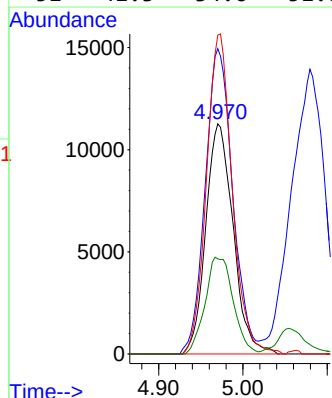
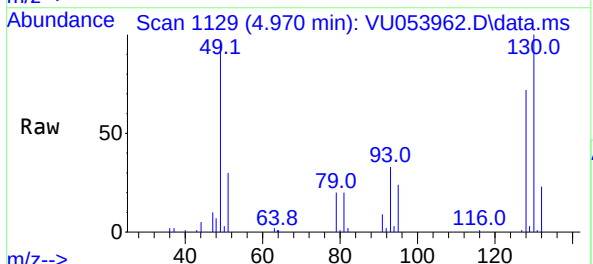
Ion Ratio Lower Upper

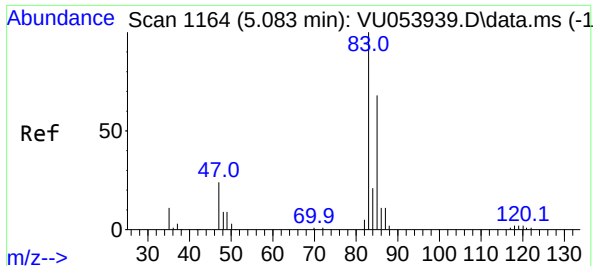
128 100

49 132.6 91.3 169.5

130 138.6 87.6 162.8

51 41.3 34.6 51.8

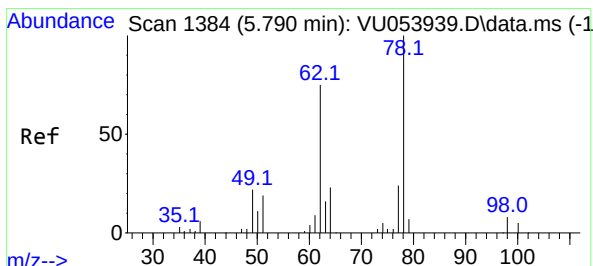
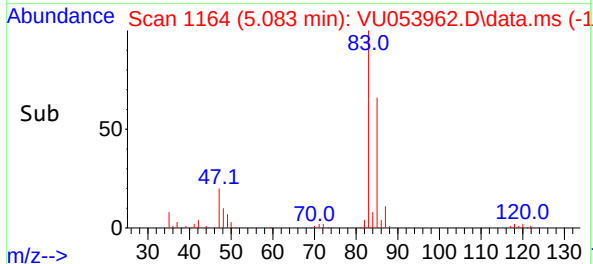
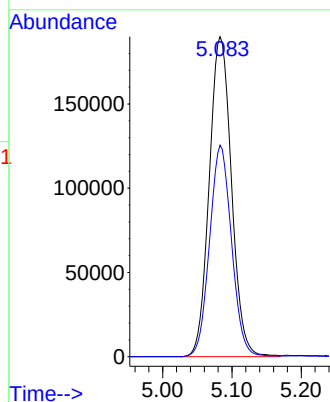
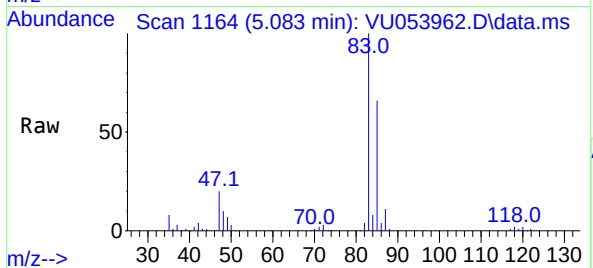




#25
Chloroform
Concen: 23.012 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

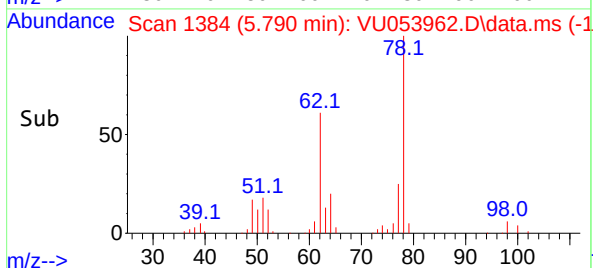
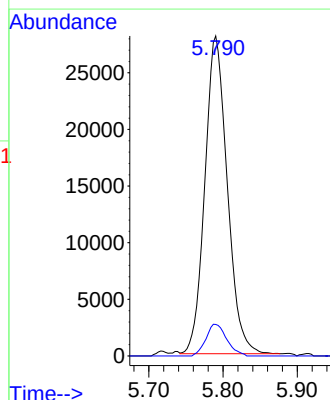
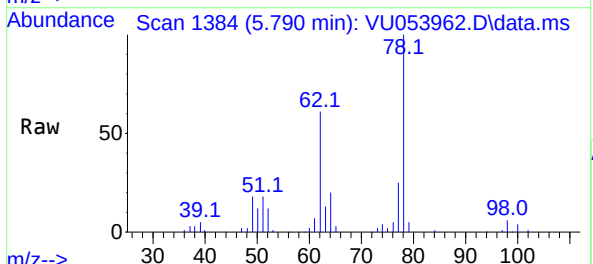
Instrument :
MSVOA_U
ClientSampleId :

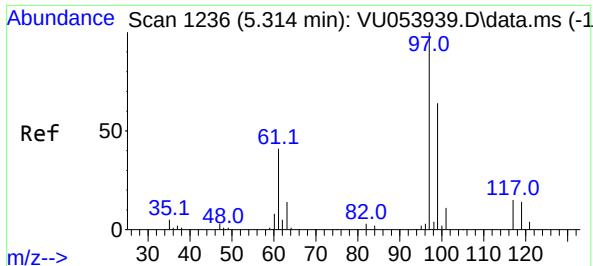
Tgt Ion: 83 Resp: 423391
Ion Ratio Lower Upper
83 100
85 66.1 45.6 84.8



#27
1,2-Dichloroethane
Concen: 5.574 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion: 62 Resp: 58791
Ion Ratio Lower Upper
62 100
98 9.8 8.7 13.1

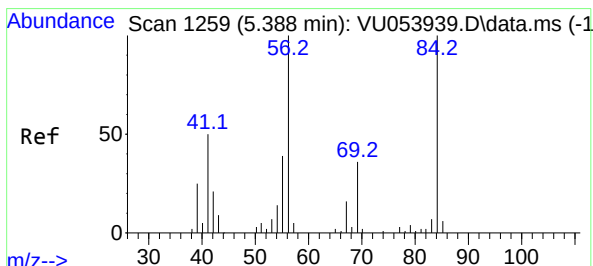
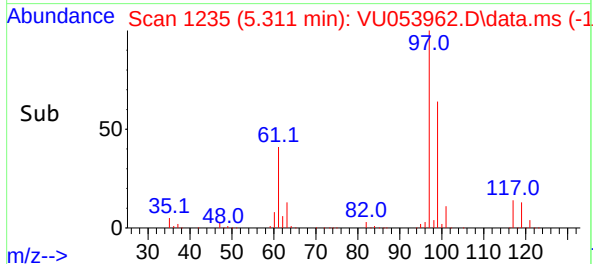
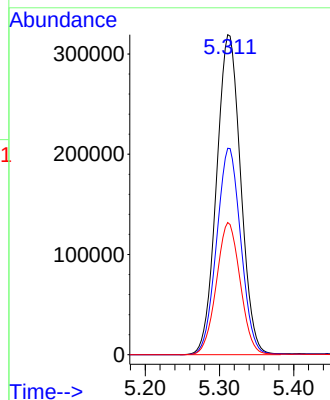
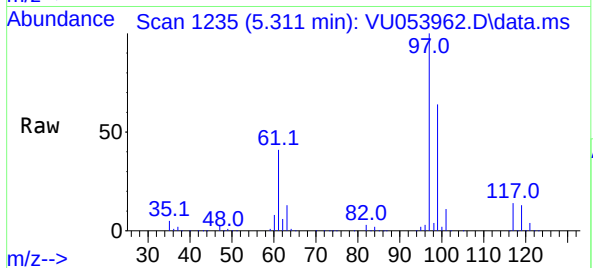




#29
1,1,1-Trichloroethane
Concen: 46.322 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

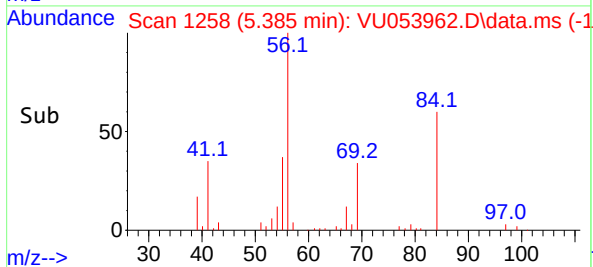
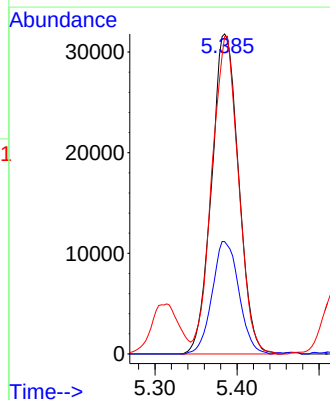
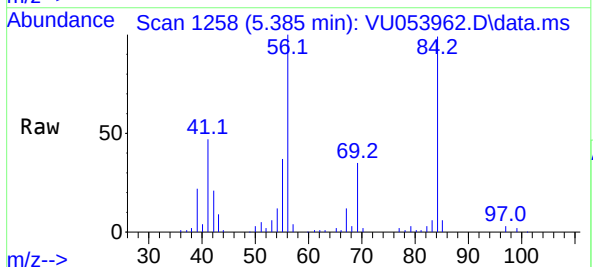
Instrument :
MSVOA_U
ClientSampleId :

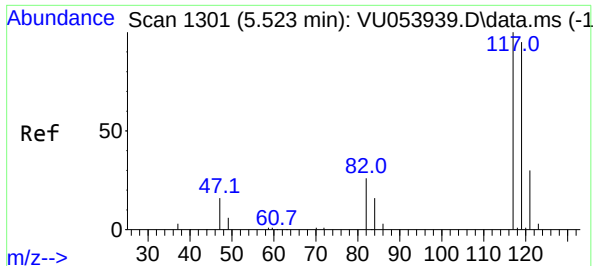
Tgt Ion: 97 Resp: 721803
Ion Ratio Lower Upper
97 100
99 64.8 52.9 79.3
61 40.8 33.8 50.8



#30
Cyclohexane
Concen: 5.204 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion: 56 Resp: 72864
Ion Ratio Lower Upper
56 100
69 34.7 27.0 40.4
84 97.7 78.0 117.0

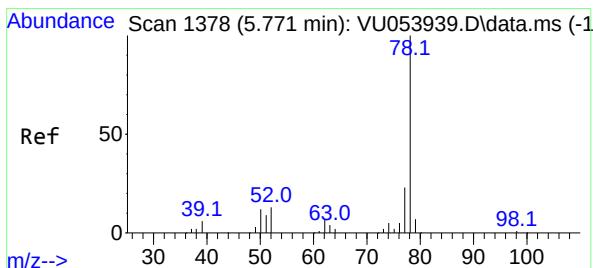
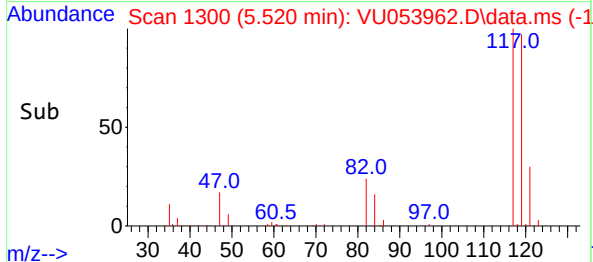
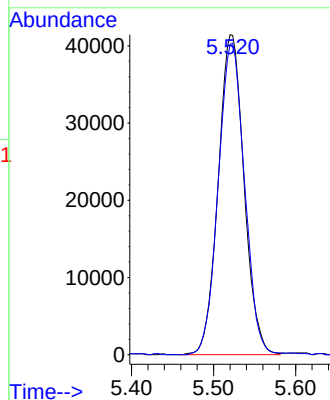
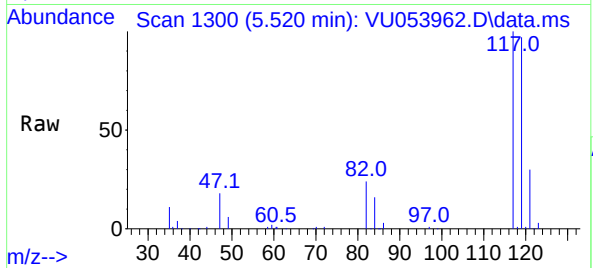




#31
Carbon tetrachloride
Concen: 6.676 ug/L
RT: 5.520 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

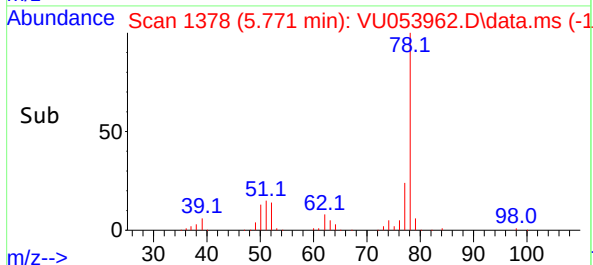
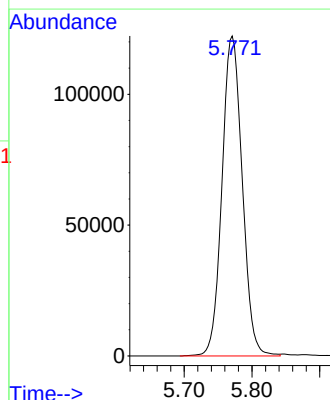
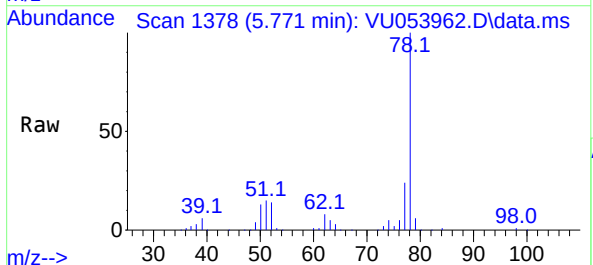
Instrument :
MSVOA_U
ClientSampleId :

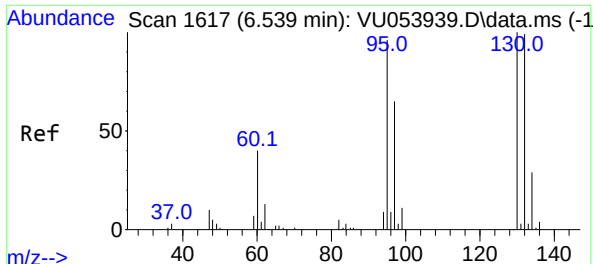
Tgt Ion:117 Resp: 90425
Ion Ratio Lower Upper
117 100
119 99.2 75.0 112.6



#33
Benzene
Concen: 6.500 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

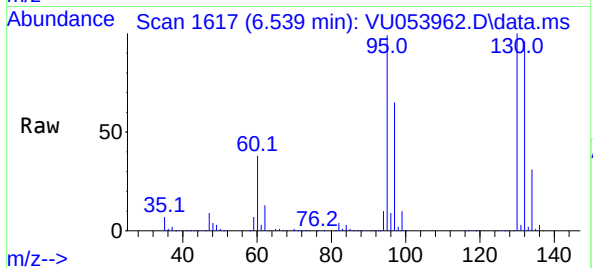
Tgt Ion: 78 Resp: 253978





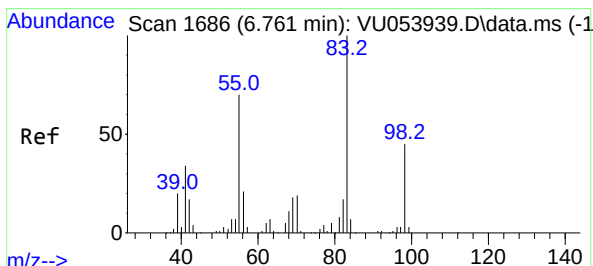
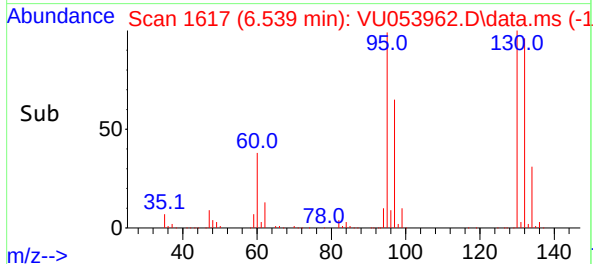
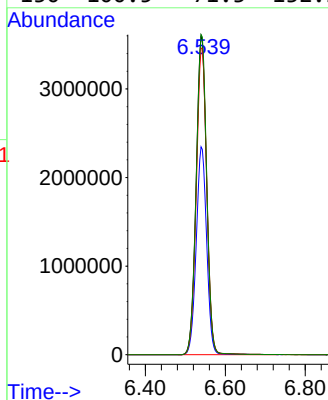
#34
Trichloroethene
Concen: 615.393 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 6552028

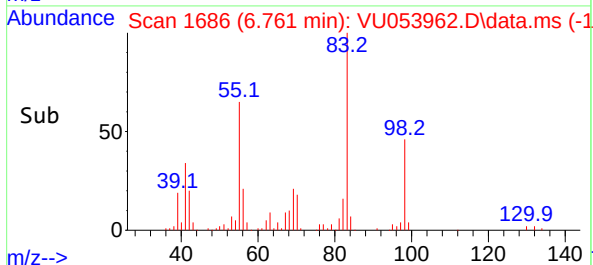
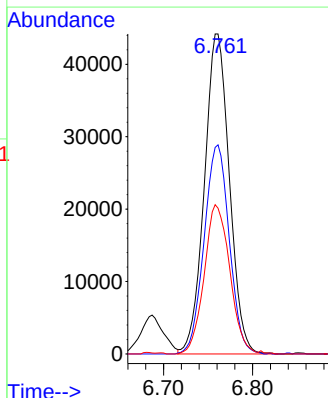
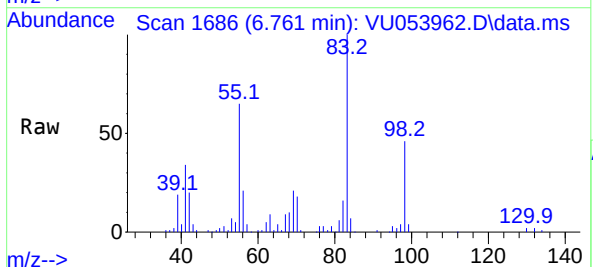
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.1	83.9
132	96.3	69.9	129.9
130	100.5	71.3	132.3

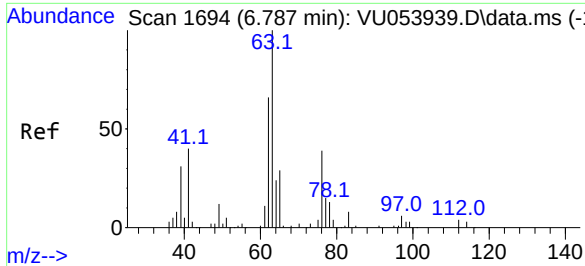


#35
Methylcyclohexane
Concen: 5.245 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion: 83 Resp: 86267

Ion	Ratio	Lower	Upper
83	100		
55	65.7	55.4	83.2
98	47.8	37.3	55.9

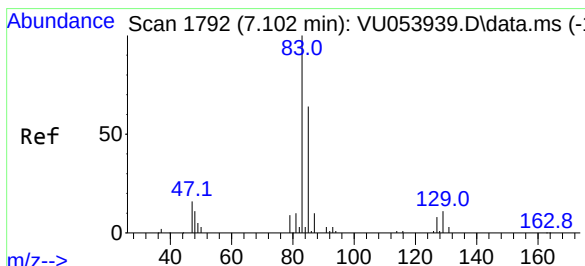
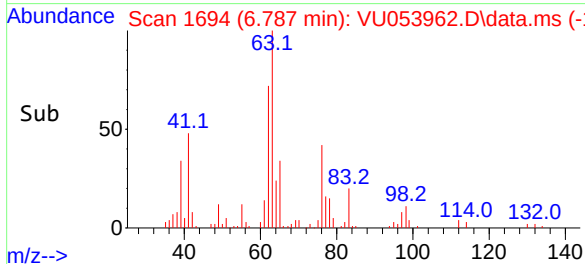
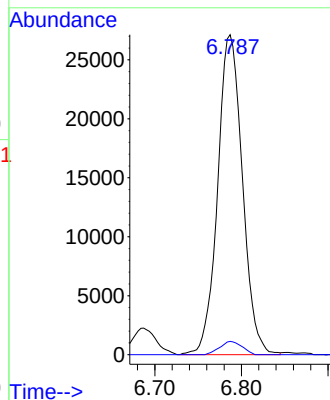
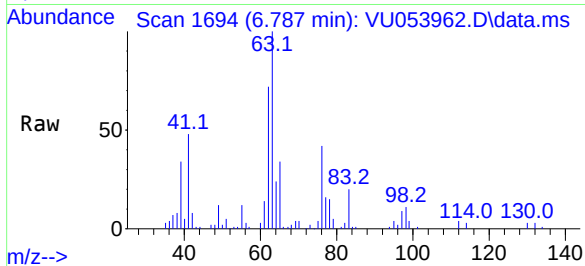




#37
1,2-Dichloropropane
Concen: 5.571 ug/L
RT: 6.787 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

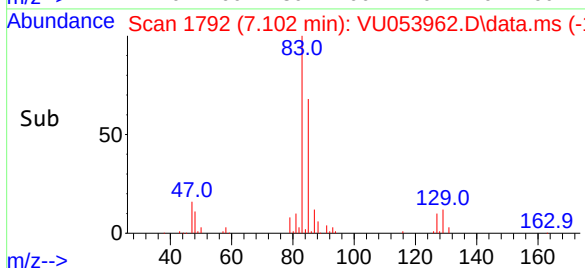
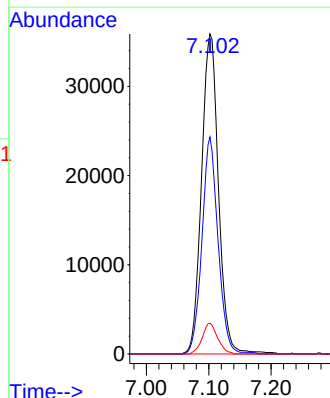
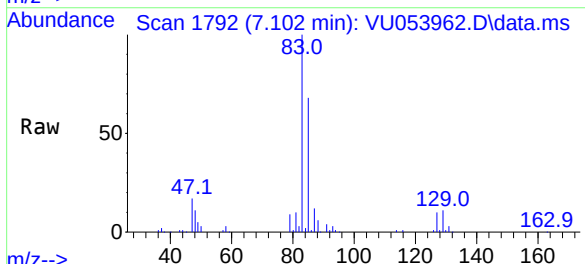
Instrument :
MSVOA_U
ClientSampleId :

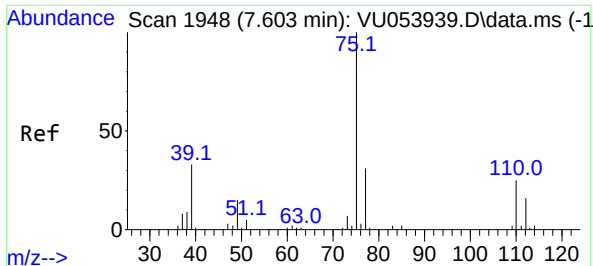
Tgt Ion: 63 Resp: 54001
Ion Ratio Lower Upper
63 100
112 3.7 3.5 5.3



#38
Bromodichloromethane
Concen: 5.598 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion: 83 Resp: 67838
Ion Ratio Lower Upper
83 100
85 67.8 45.2 84.0
127 9.6 7.3 10.9

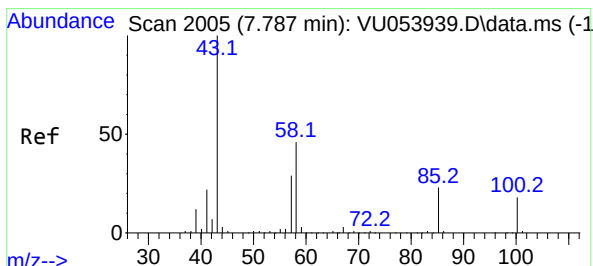
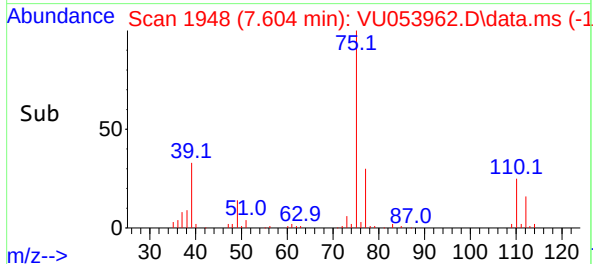
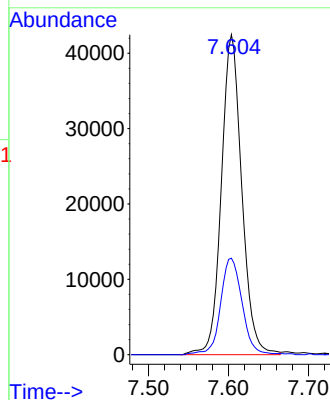
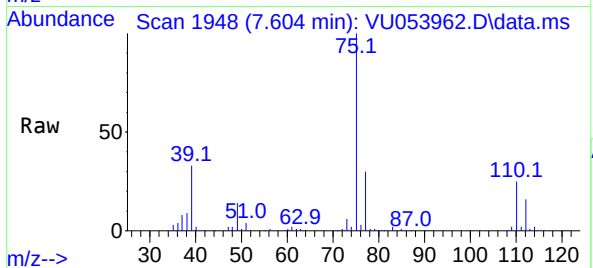




#39
cis-1,3-Dichloropropene
Concen: 5.139 ug/L
RT: 7.604 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

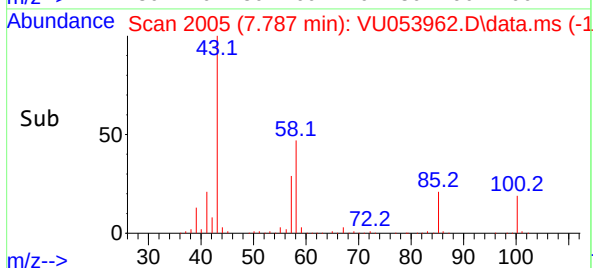
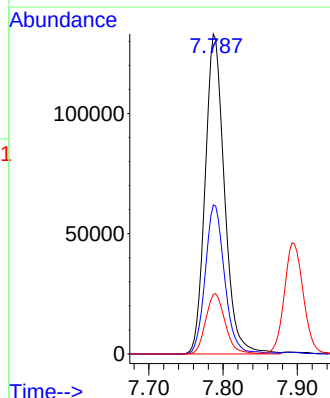
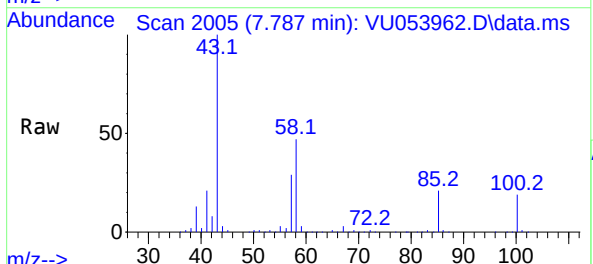
Instrument :
MSVOA_U
ClientSampleId :

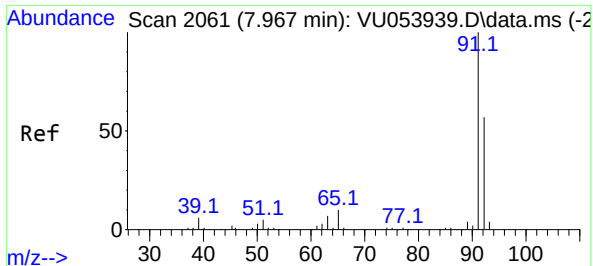
Tgt Ion: 75 Resp: 75113
Ion Ratio Lower Upper
75 100
77 30.2 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 54.887 ug/L
RT: 7.787 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion: 43 Resp: 240006
Ion Ratio Lower Upper
43 100
58 46.9 36.0 54.0
100 18.9 15.1 22.7





#42

Toluene

Concen: 5.531 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU053962.D

Acq: 28 Apr 2023 02:07

Instrument :

MSVOA_U

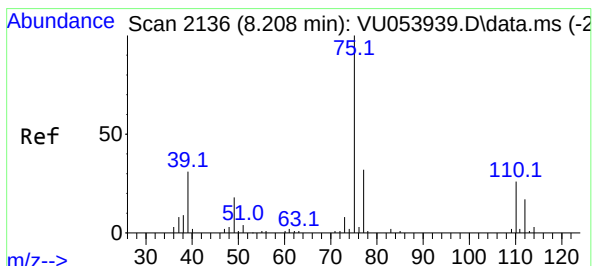
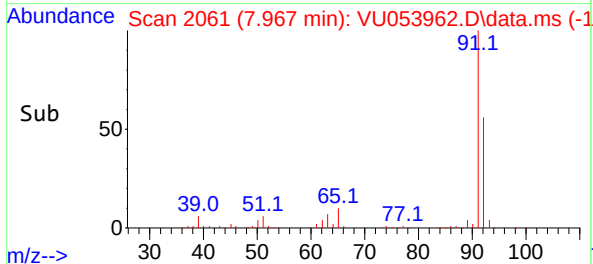
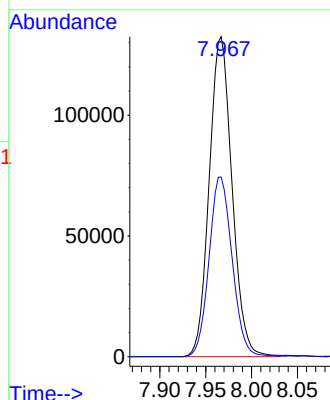
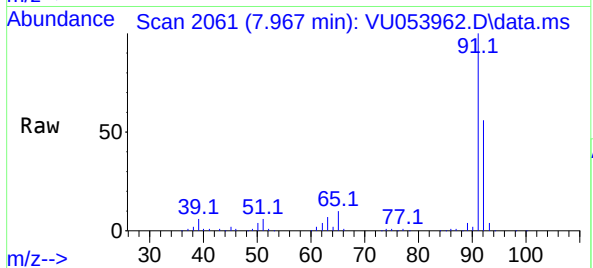
ClientSampleId :

Tgt Ion: 91 Resp: 229160

Ion Ratio Lower Upper

91 100

92 56.2 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.158 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VU053962.D

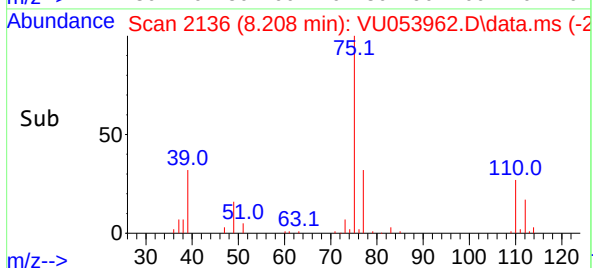
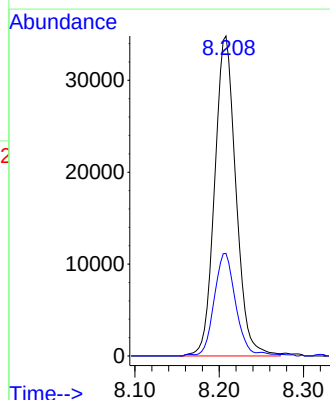
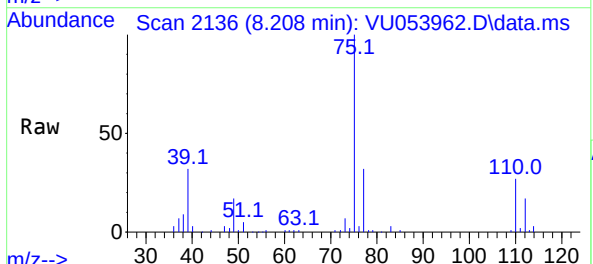
Acq: 28 Apr 2023 02:07

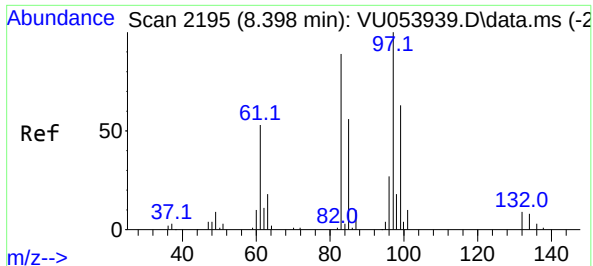
Tgt Ion: 75 Resp: 60971

Ion Ratio Lower Upper

75 100

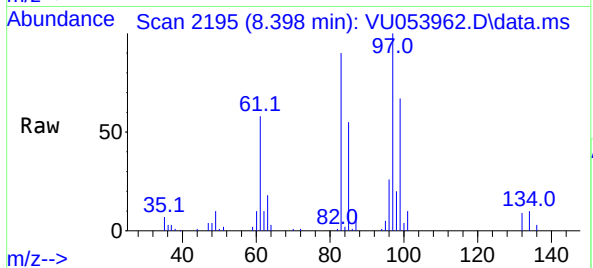
77 32.1 23.3 43.3





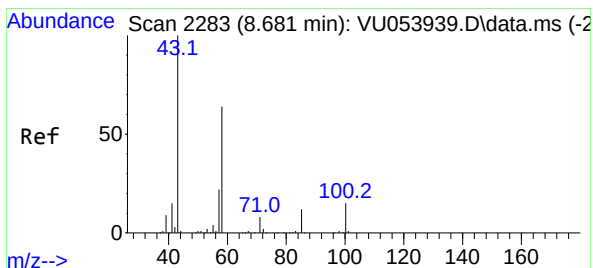
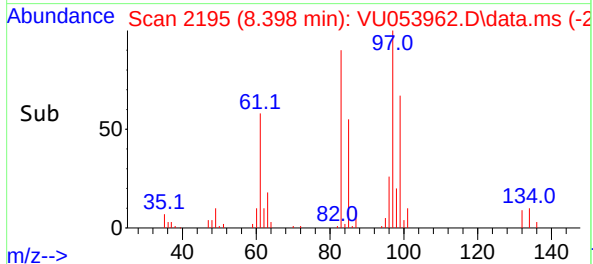
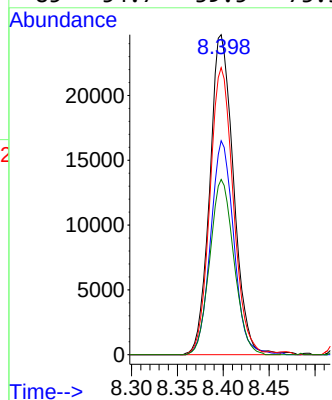
#45
1,1,2-Trichloroethane
Concen: 6.130 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 44535

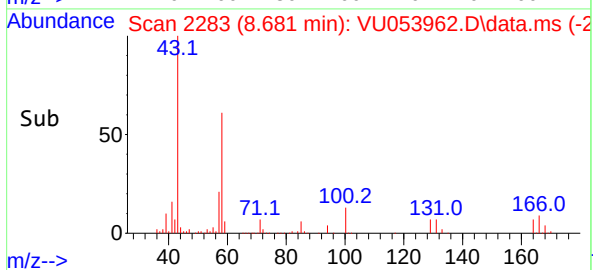
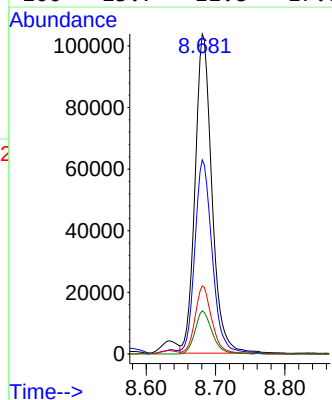
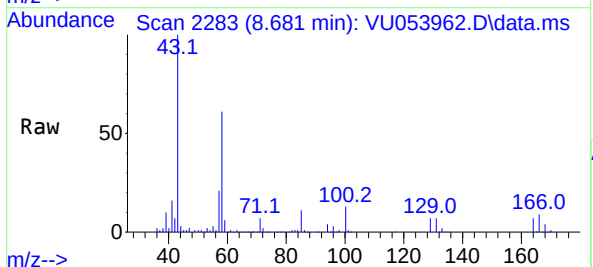
Ion	Ratio	Lower	Upper
97	100		
99	66.8	44.7	83.1
83	89.7	59.8	111.1
85	54.7	39.5	73.3

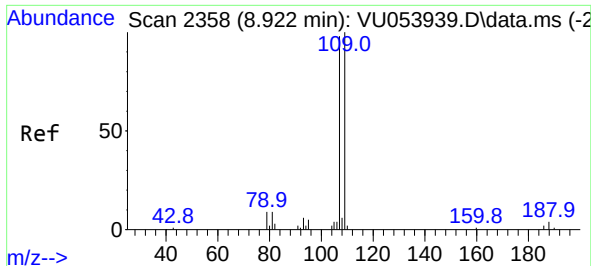


#48
2-Hexanone
Concen: 52.956 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion: 43 Resp: 176008

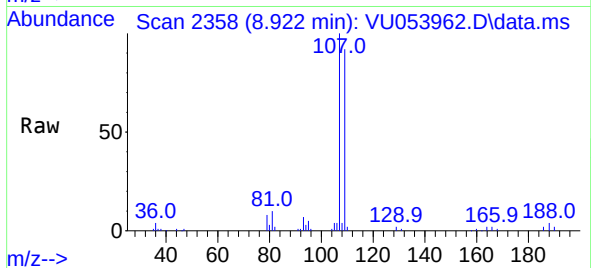
Ion	Ratio	Lower	Upper
43	100		
58	62.0	49.8	74.6
57	21.4	16.9	25.3
100	13.7	11.8	17.8



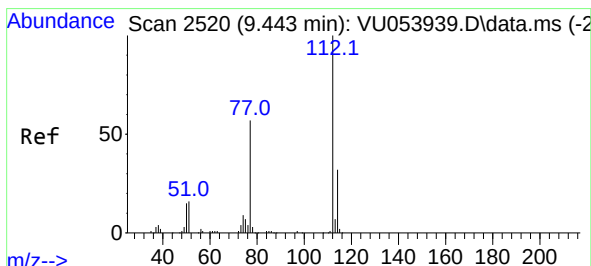
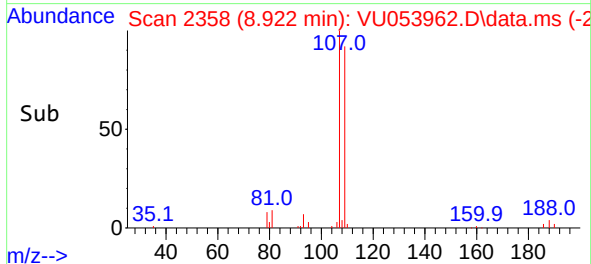
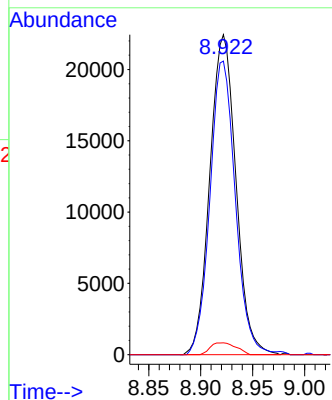


#50
1,2-Dibromoethane
Concen: 5.829 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Instrument :
MSVOA_U
ClientSampleId :

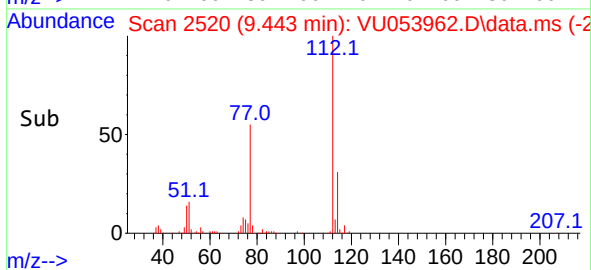
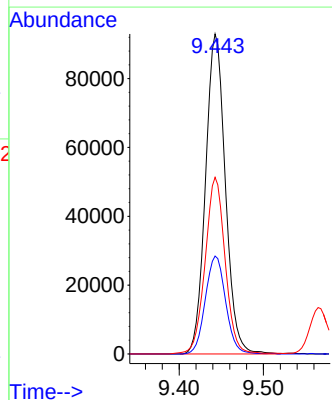
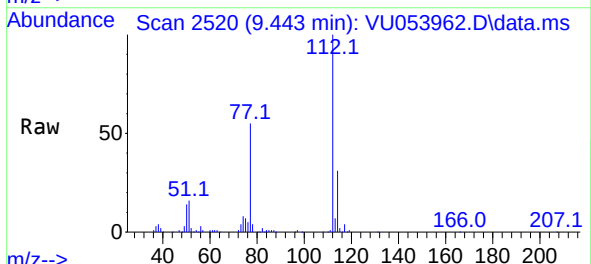


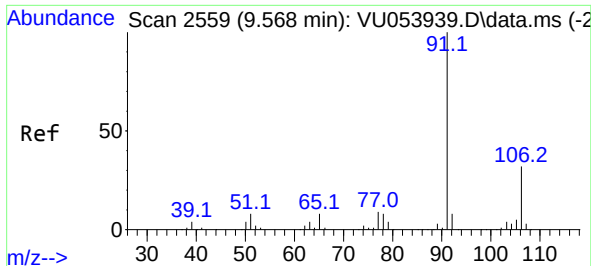
Tgt Ion:107 Resp: 39181
Ion Ratio Lower Upper
107 100
109 91.8 64.3 119.5
188 3.7 2.1 3.1#



#51
Chlorobenzene
Concen: 5.424 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion:112 Resp: 152575
Ion Ratio Lower Upper
112 100
114 30.6 23.0 42.6
77 55.2 44.4 66.6

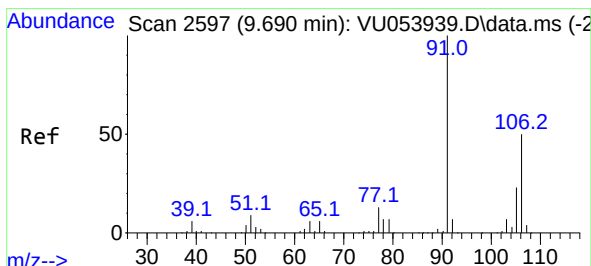
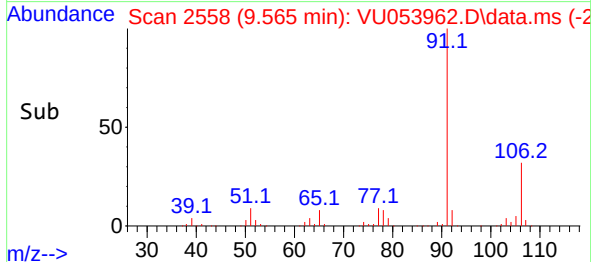
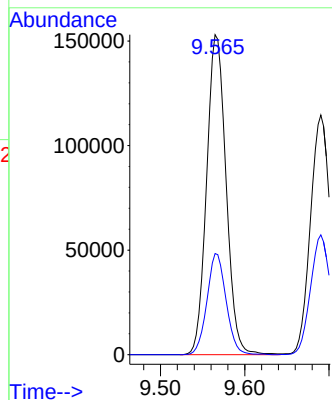
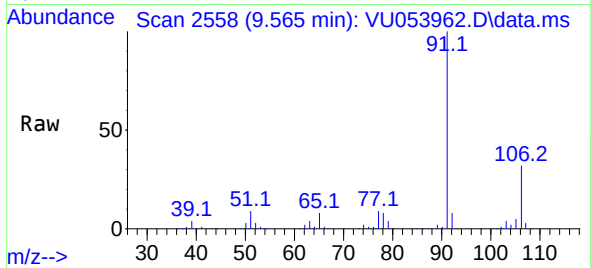




#52
Ethylbenzene
Concen: 5.402 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

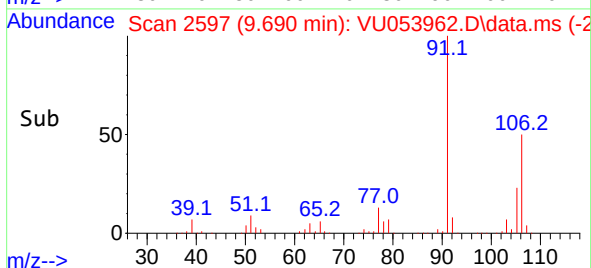
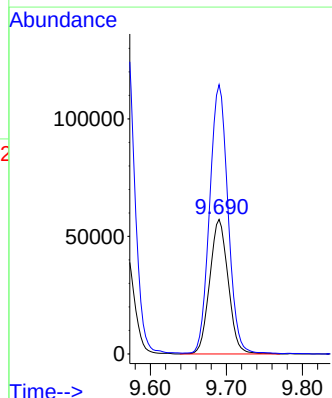
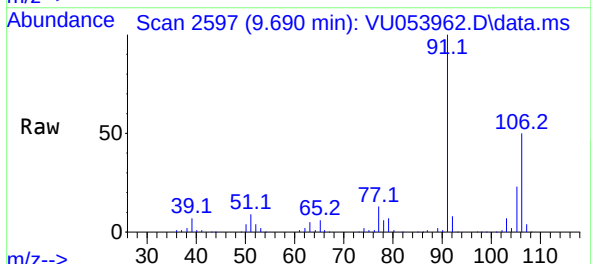
Instrument :
MSVOA_U
ClientSampleId :

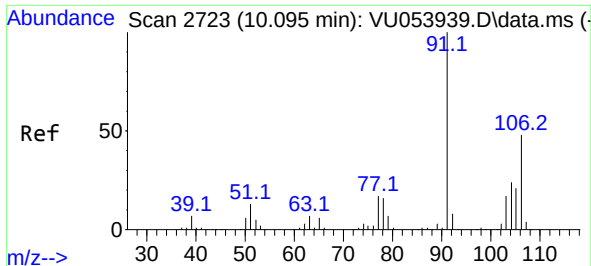
Tgt Ion: 91 Resp: 245801
Ion Ratio Lower Upper
91 100
106 31.6 22.8 42.4



#53
m,p-Xylene
Concen: 5.529 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion: 106 Resp: 96392
Ion Ratio Lower Upper
106 100
91 200.0 142.2 264.0

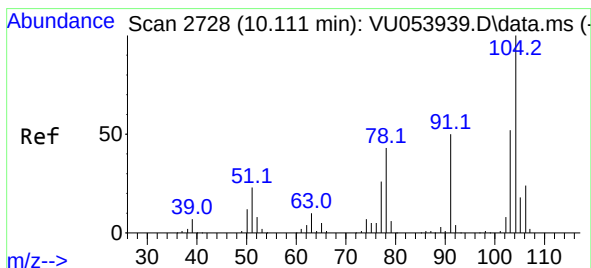
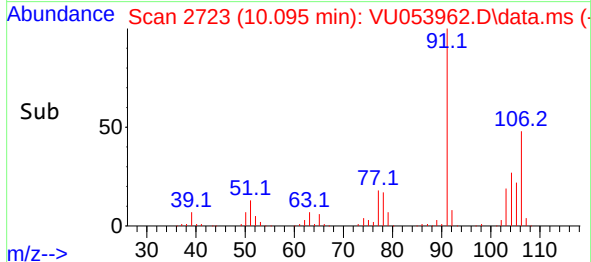
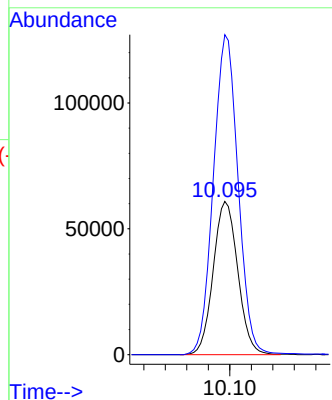
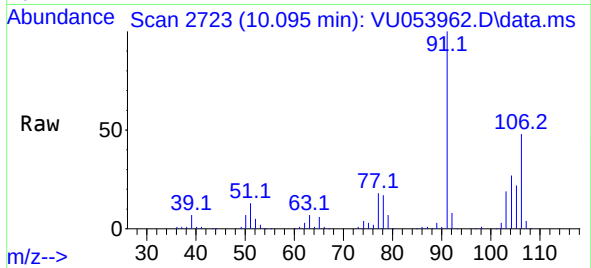




#54
o-Xylene
Concen: 5.740 ug/L
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

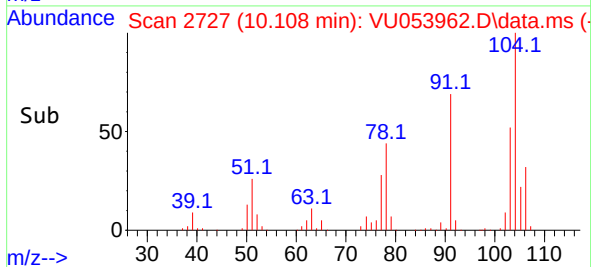
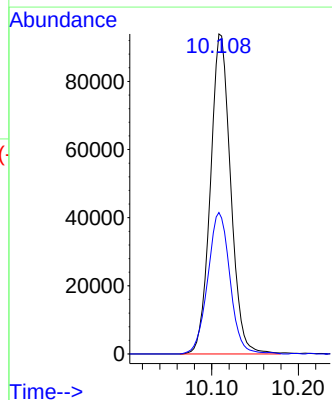
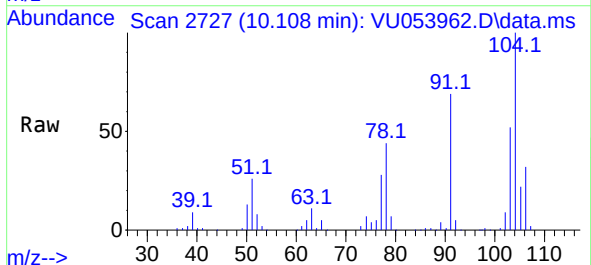
Instrument :
MSVOA_U
ClientSampleId :

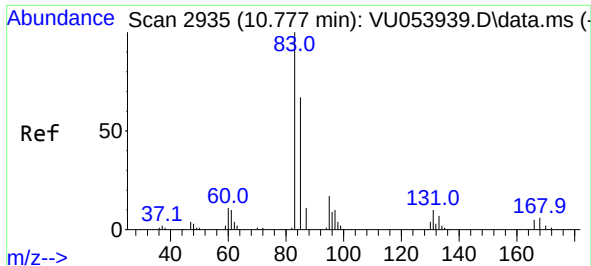
Tgt Ion:106 Resp: 96558
Ion Ratio Lower Upper
106 100
91 208.8 145.5 270.1



#55
Styrene
Concen: 5.553 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion:104 Resp: 152846
Ion Ratio Lower Upper
104 100
78 44.2 30.9 57.5

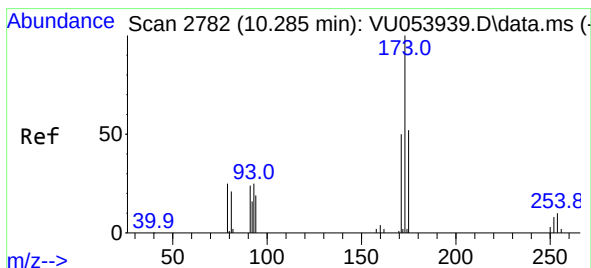
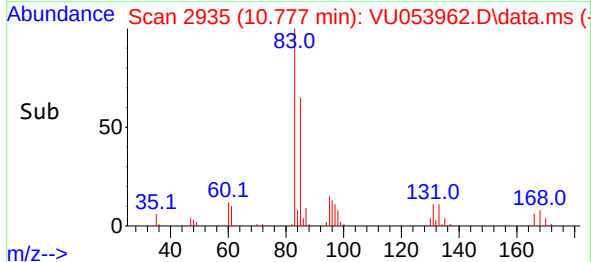
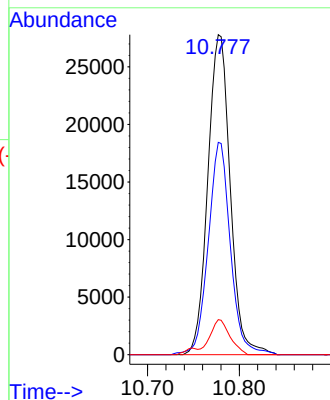
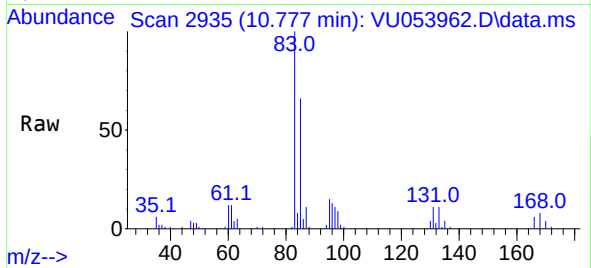




#57
1,1,2,2-Tetrachloroethane
Concen: 5.451 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

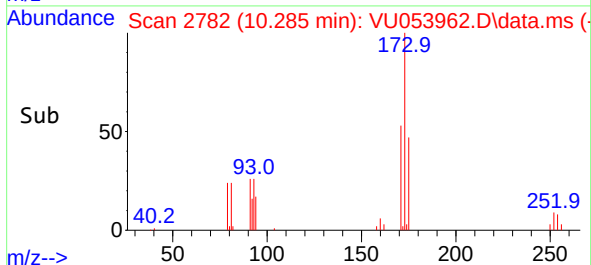
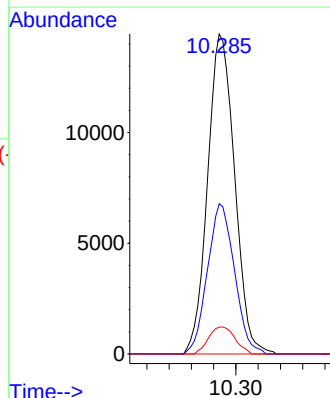
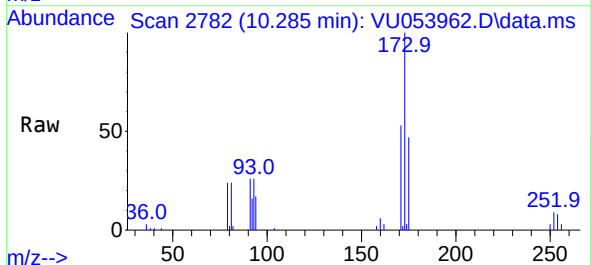
Instrument :
MSVOA_U
ClientSampleId :

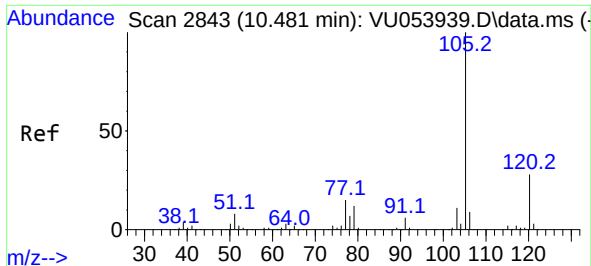
Tgt Ion: 83 Resp: 47220
Ion Ratio Lower Upper
83 100
85 66.3 43.5 80.9
131 11.0 7.8 11.6



#59
Bromoform
Concen: 5.565 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion:173 Resp: 24310
Ion Ratio Lower Upper
173 100
175 47.0 37.4 56.2
254 8.3 7.1 10.7

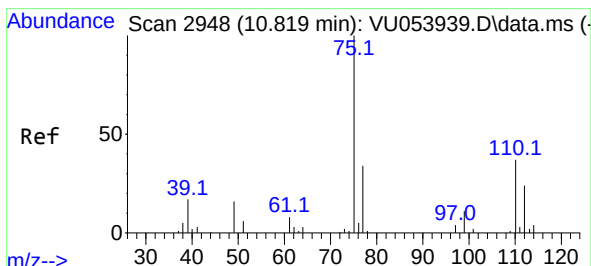
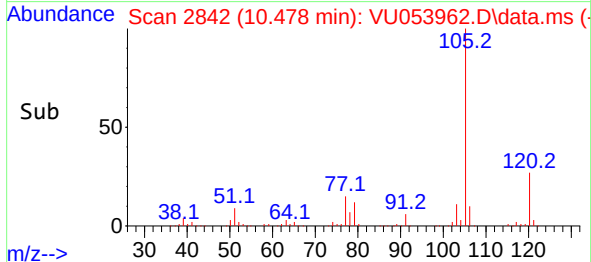
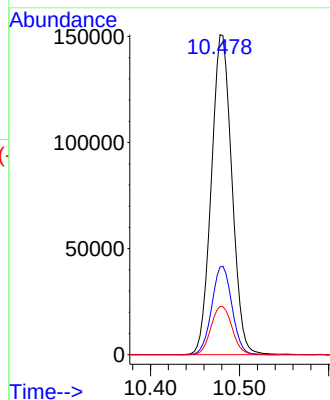
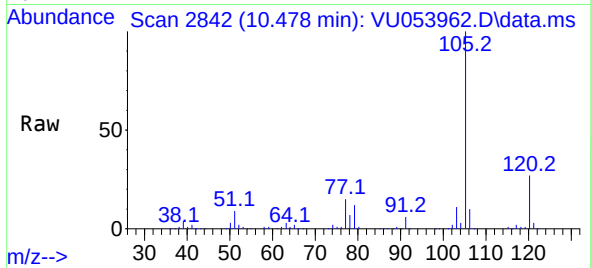




#60
Isopropylbenzene
Concen: 5.212 ug/L
RT: 10.478 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

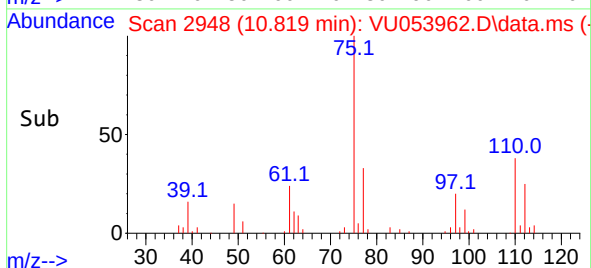
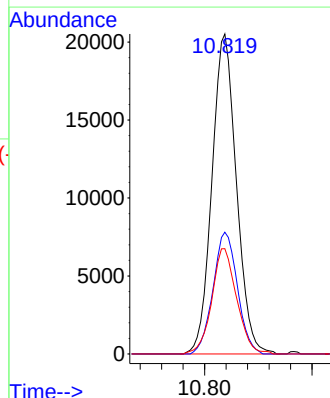
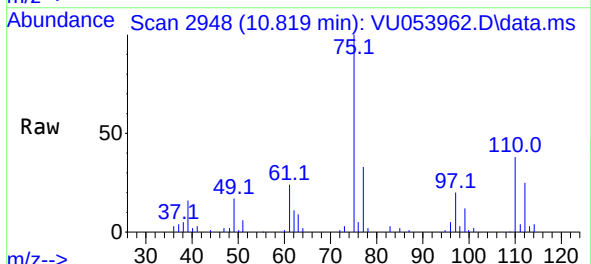
Instrument :
MSVOA_U
ClientSampleId :

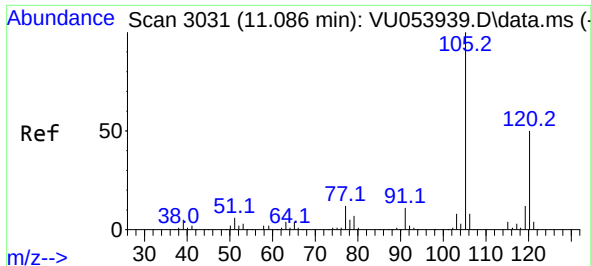
Tgt Ion:105 Resp: 240739
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0
77 15.5 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.475 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion: 75 Resp: 32431
Ion Ratio Lower Upper
75 100
110 37.9 30.7 46.1
77 33.5 26.2 39.4

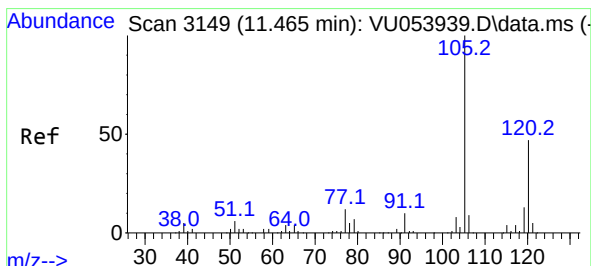
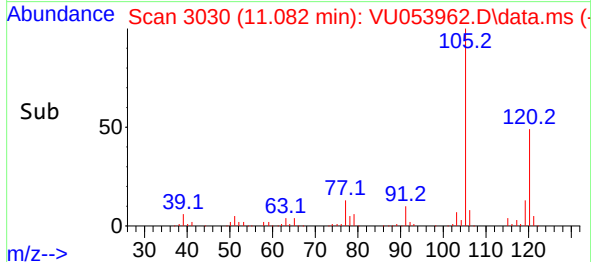
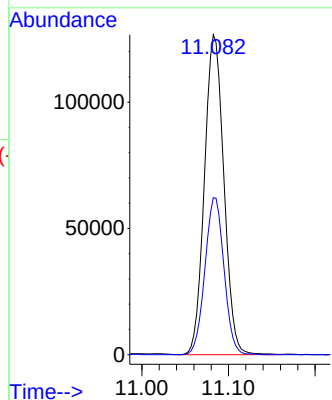
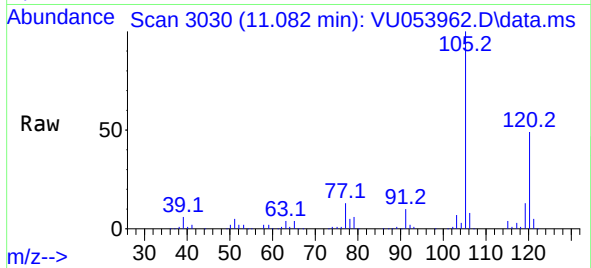




#62
 1,3,5-Trimethylbenzene
 Concen: 5.262 ug/L
 RT: 11.082 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU053962.D
 Acq: 28 Apr 2023 02:07

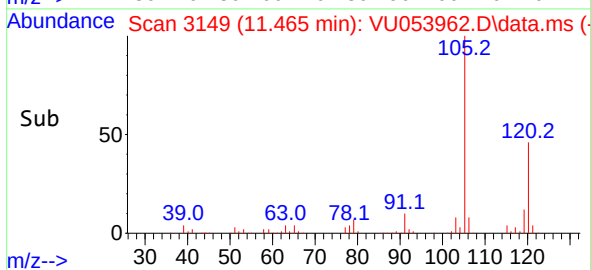
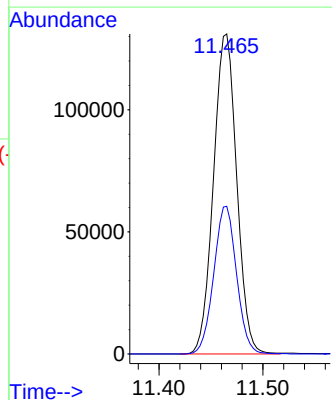
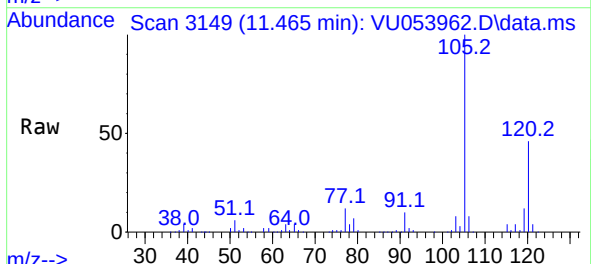
Instrument :
 MSVOA_U
 ClientSampleId :

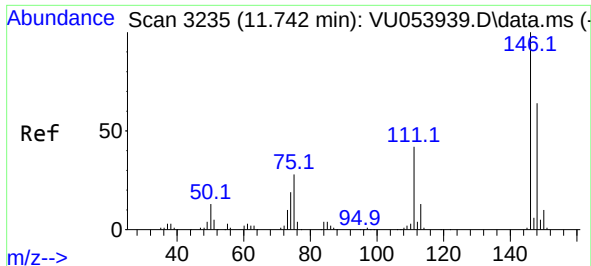
Tgt Ion:105 Resp: 197585
 Ion Ratio Lower Upper
 105 100
 120 48.1 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.363 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.003 min
 Lab File: VU053962.D
 Acq: 28 Apr 2023 02:07

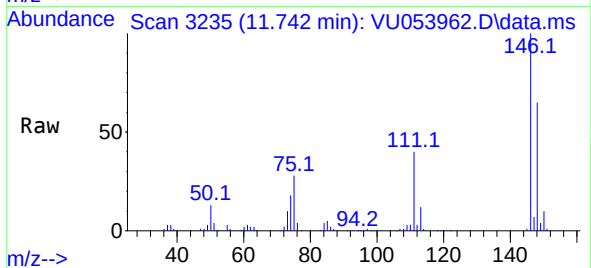
Tgt Ion:105 Resp: 203765
 Ion Ratio Lower Upper
 105 100
 120 45.2 37.1 55.7



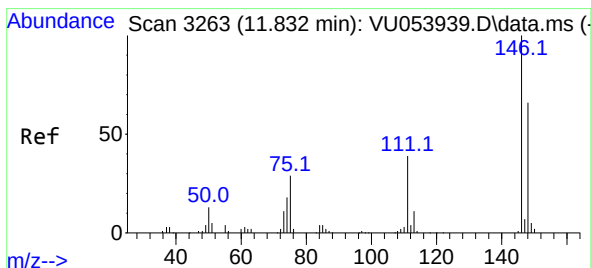
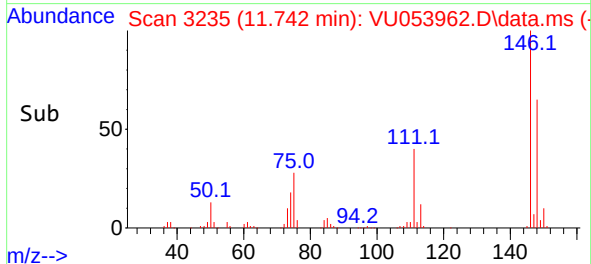
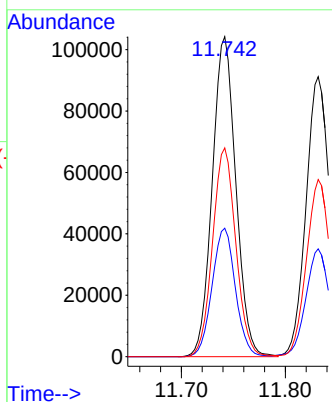


#64
1,3-Dichlorobenzene
Concen: 7.110 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Instrument :
MSVOA_U
ClientSampleId :

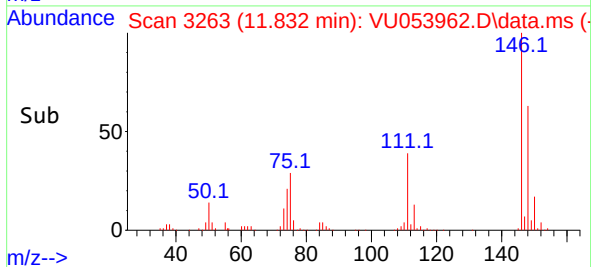
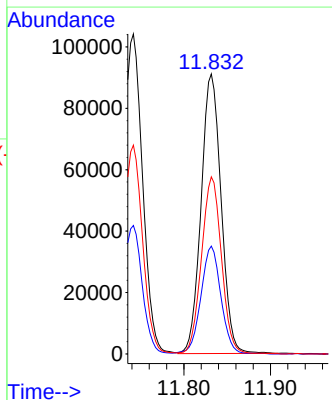
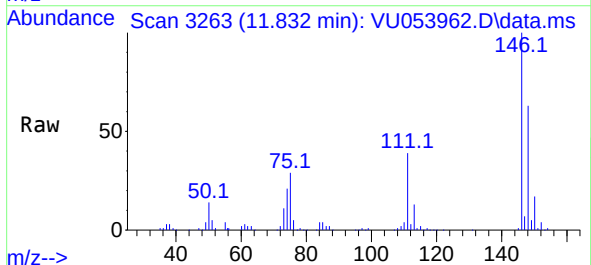


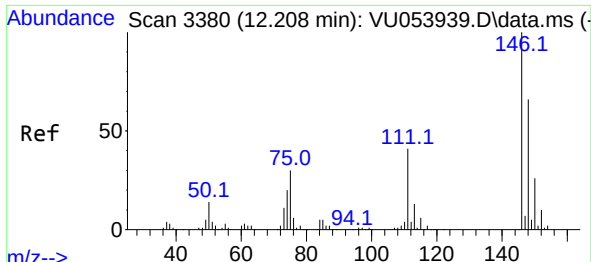
Tgt Ion:146 Resp: 164125
Ion Ratio Lower Upper
146 100
111 40.2 27.9 51.9
148 65.2 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 6.273 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion:146 Resp: 146309
Ion Ratio Lower Upper
146 100
111 38.6 28.3 52.7
148 63.3 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 8.038 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053962.D

Acq: 28 Apr 2023 02:07

Instrument :

MSVOA_U

ClientSampleId :

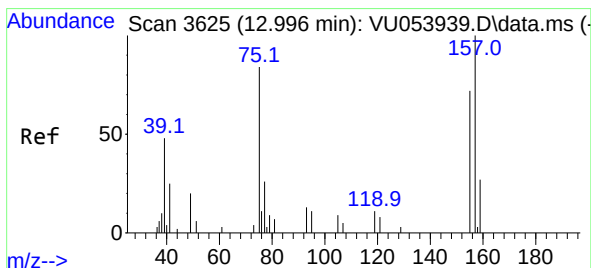
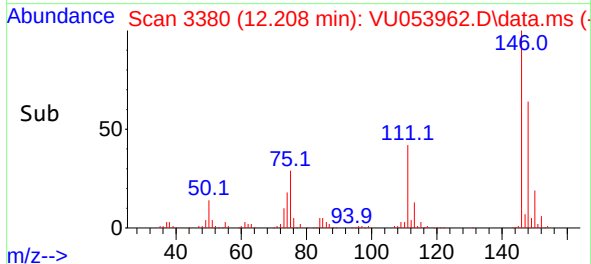
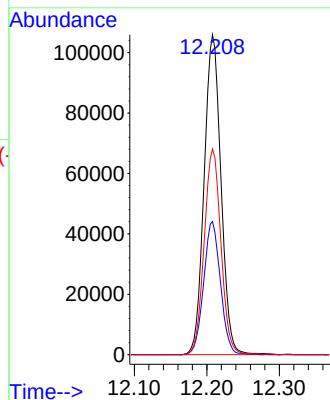
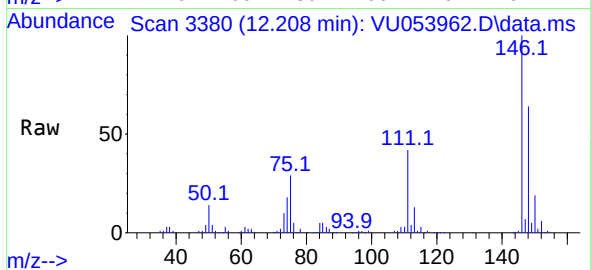
Tgt Ion:146 Resp: 171351

Ion Ratio Lower Upper

146 100

111 41.6 32.6 49.0

148 64.2 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.532 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU053962.D

Acq: 28 Apr 2023 02:07

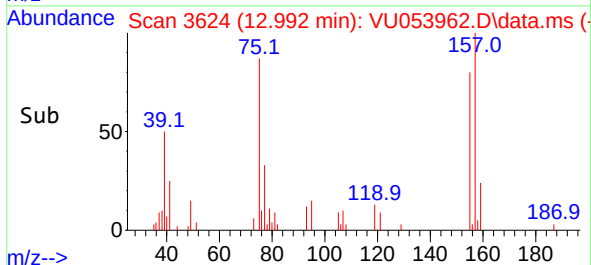
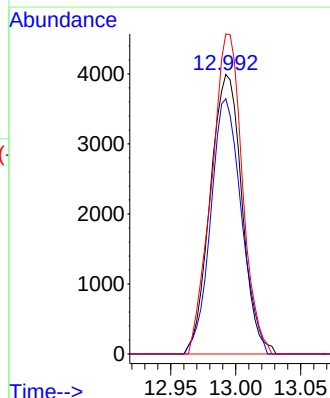
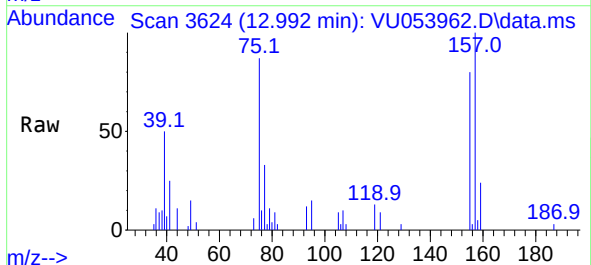
Tgt Ion: 75 Resp: 6753

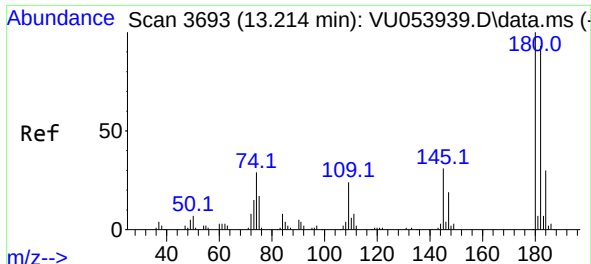
Ion Ratio Lower Upper

75 100

155 91.3 72.8 109.2

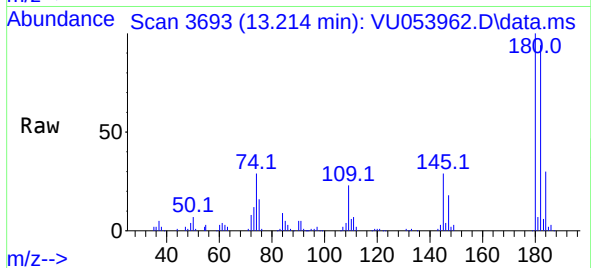
157 114.5 89.1 133.7





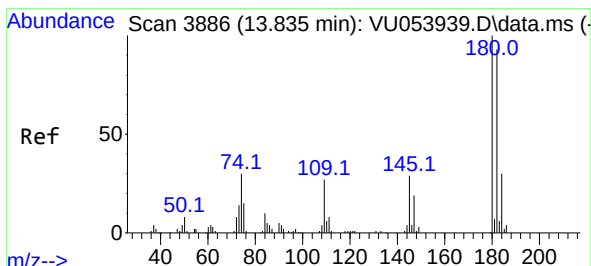
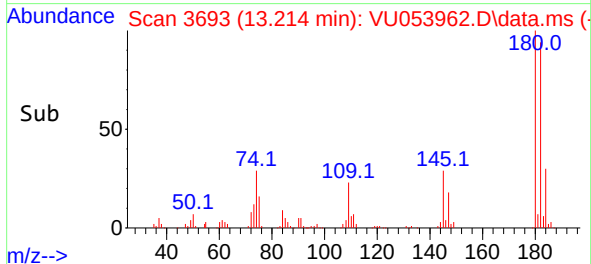
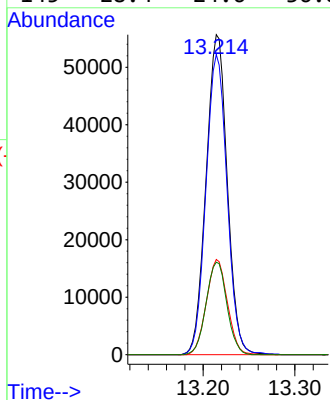
#69
 1,3,5-Trichlorobenzene
 Concen: 5.399 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.000 min
 Lab File: VU053962.D
 Acq: 28 Apr 2023 02:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 89236

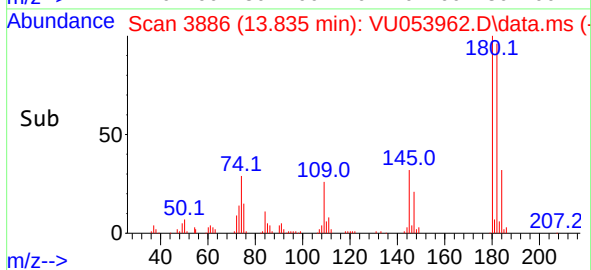
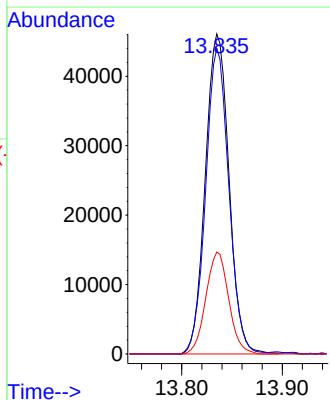
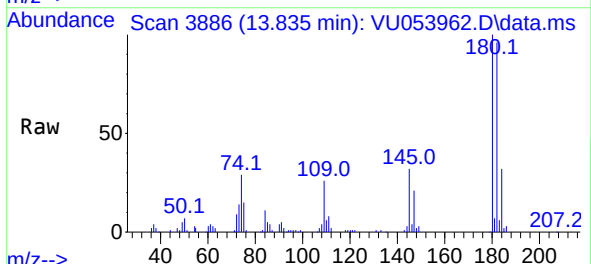
Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.1	112.7
184	29.5	24.2	36.2
145	28.4	24.6	36.8

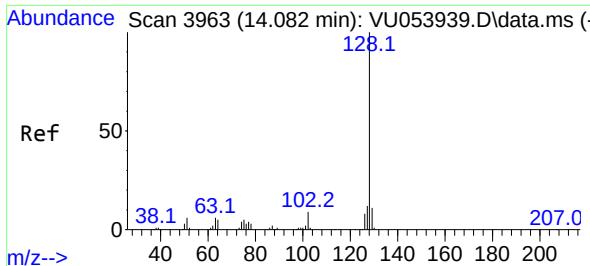


#70
 1,2,4-trichlorobenzene
 Concen: 5.006 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.000 min
 Lab File: VU053962.D
 Acq: 28 Apr 2023 02:07

Tgt Ion:180 Resp: 75334

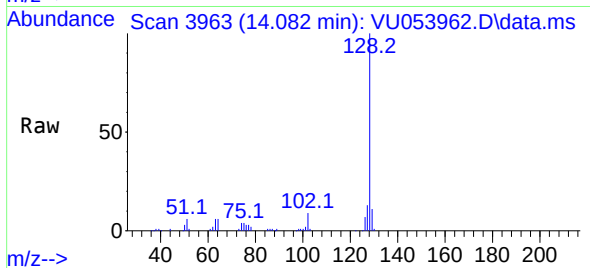
Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.5	113.3
145	30.7	25.8	38.6



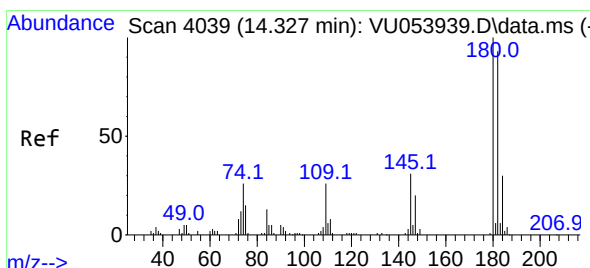
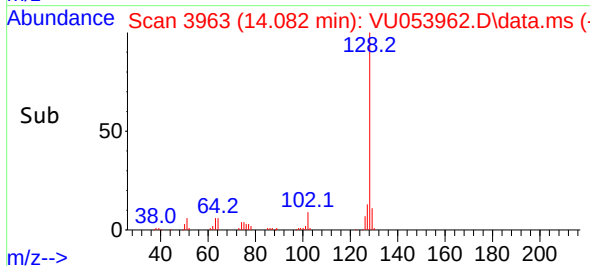
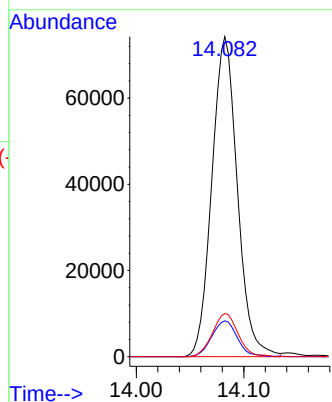


#71
Naphthalene
Concen: 4.601 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 122379
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.5 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 4.972 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU053962.D
Acq: 28 Apr 2023 02:07

Tgt Ion:180 Resp: 66758
Ion Ratio Lower Upper
180 100
182 96.9 77.4 116.2
145 31.7 26.8 40.2

