

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043803.D
 Acq On : 18 May 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:37:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	233160	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	231861	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	126465	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	75731	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.919	69	56883	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.575	65	32848	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	4.646	46	150370	46.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.00%
24) Chloroform-d	5.073	84	141662	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.713	65	69735	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.736	84	287372	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	89116	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.906	98	266324	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloroprop...	8.186	79	32054	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.642	63	160164	51.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	78040	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
66) 1,2-Dichlorobenzene-d4	12.198	152	99414	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	88726	5.22	ug/L	99
3) Chloromethane	1.523	50	100182	5.03	ug/L	100
5) Vinyl chloride	1.607	62	105328	5.32	ug/L	98
6) Bromomethane	1.864	94	59212	5.07	ug/L	99
8) Chloroethane	1.941	64	58890	5.29	ug/L	99
9) Trichlorofluoromethane	2.144	101	124157	5.41	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	83619	5.34	ug/L	99
12) 1,1-Dichloroethene	2.588	96	85543	5.56	ug/L	92
13) Acetone	2.655	43	104228	50.22	ug/L	97
14) Carbon disulfide	2.800	76	269164	5.23	ug/L	100
15) Methyl Acetate	2.964	43	35123	5.69	ug/L	97
16) Methylene chloride	3.054	84	98303	4.30	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	185911	5.34	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	87173	5.39	ug/L	97
19) 1,1-Dichloroethane	3.880	63	156836	5.37	ug/L	99
21) 2-Butanone	4.726	43	193781	48.83	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	91651	5.39	ug/L	99
23) Bromochloromethane	4.986	128	45164	5.64	ug/L	94
25) Chloroform	5.099	83	159348	5.51	ug/L	99

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 Acq On : 18 May 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:37:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

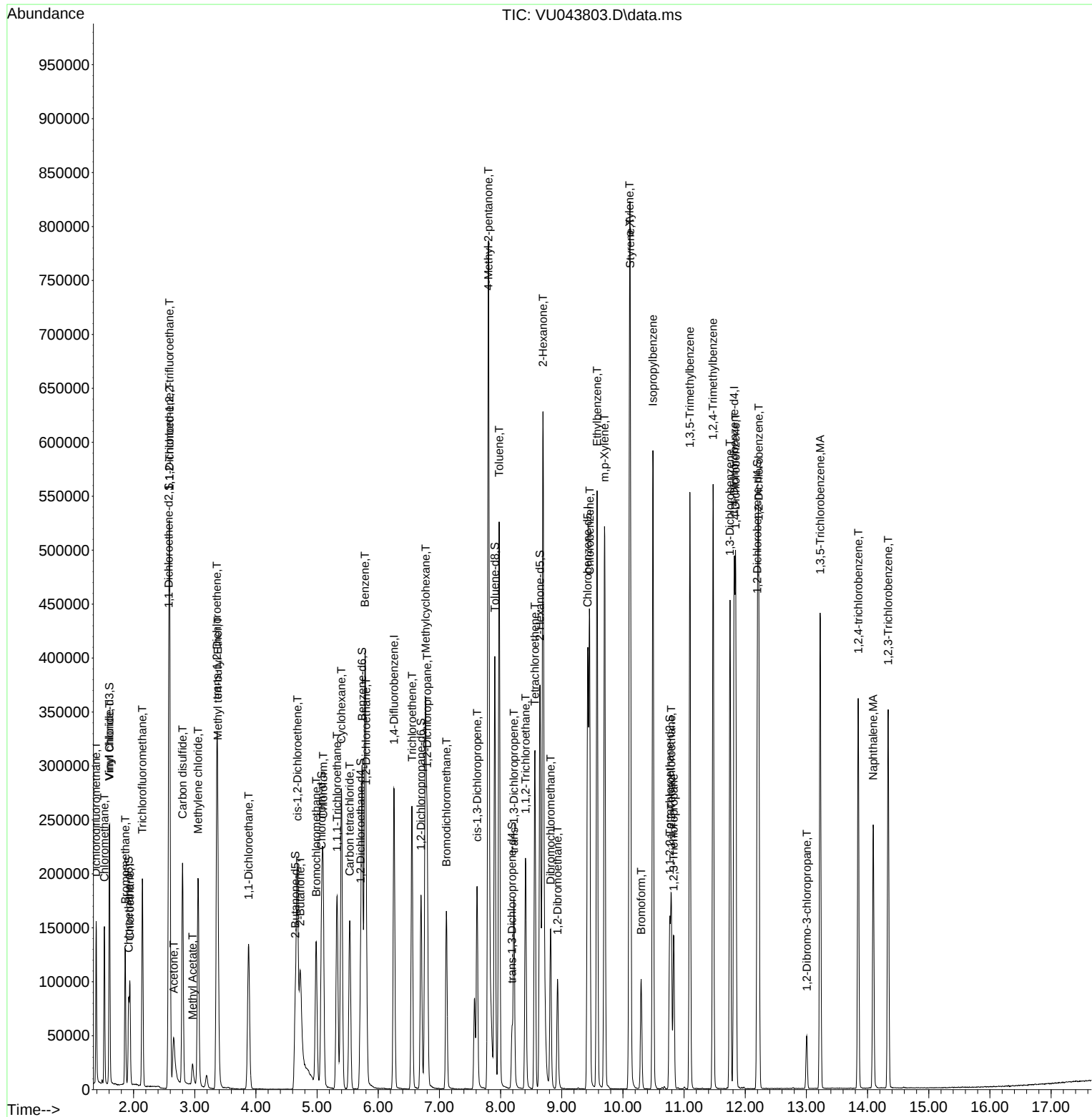
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	97308	5.46	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	131942	5.46	ug/L	98
30) Cyclohexane	5.398	56	133551	4.98	ug/L	97
31) Carbon tetrachloride	5.533	117	109885	5.44	ug/L	99
33) Benzene	5.784	78	362007	5.40	ug/L	100
34) Trichloroethene	6.552	95	91127	5.30	ug/L	98
35) Methylcyclohexane	6.774	83	132878	4.97	ug/L	98
37) 1,2-Dichloropropane	6.800	63	95227	5.43	ug/L	99
38) Bromodichloromethane	7.115	83	111489	5.45	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	115990	4.98	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	587806	52.54	ug/L	98
42) Toluene	7.977	91	390820	5.55	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	101586	5.05	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	70634	5.60	ug/L	98
47) Tetrachloroethene	8.562	164	75274	5.41	ug/L	97
48) 2-Hexanone	8.694	43	441093	53.15	ug/L	98
49) Dibromochloromethane	8.819	129	80159	5.70	ug/L	100
50) 1,2-Dibromoethane	8.932	107	65797	5.55	ug/L	98
51) Chlorobenzene	9.456	112	237573	5.40	ug/L	99
52) Ethylbenzene	9.578	91	385261	5.34	ug/L	99
53) m,p-Xylene	9.700	106	150053	5.47	ug/L	98
54) o-Xylene	10.108	106	146956	5.61	ug/L	97
55) Styrene	10.121	104	254598	5.76	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	88484	5.53	ug/L	98
59) Bromoform	10.298	173	47374	5.56	ug/L	99
60) Isopropylbenzene	10.491	105	376315	5.42	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	63149	5.23	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	294397	5.27	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	306726	5.36	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	193932	5.42	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	192780	5.37	ug/L	100
67) 1,2-Dichlorobenzene	12.221	146	186918	5.44	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	12575	5.08	ug/L	94
69) 1,3,5-Trichlorobenzene	13.227	180	145845	5.11	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	116047	4.93	ug/L	100
71) Naphthalene	14.092	128	200120	4.83	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	118455	5.31	ug/L	98

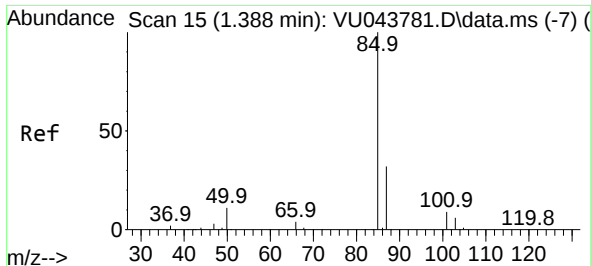
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Data File : VU043803.D
Acq On : 18 May 2021 09:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 19 01:37:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 15 00:49:19 2021
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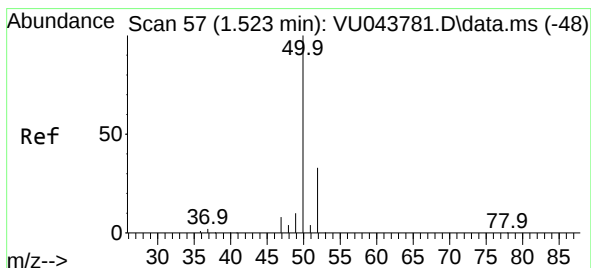
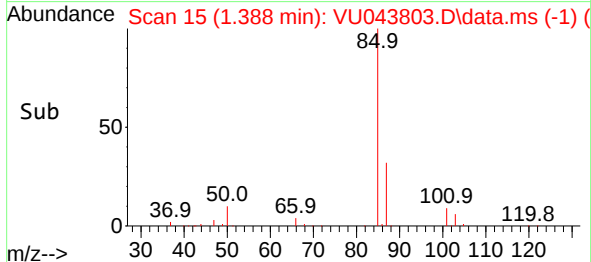
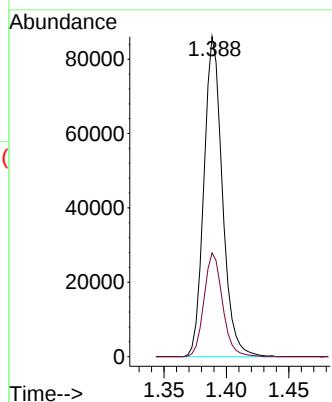
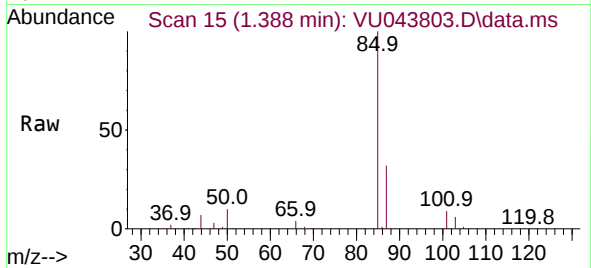




#2
Dichlorodifluoromethane
Concen: 5.22 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

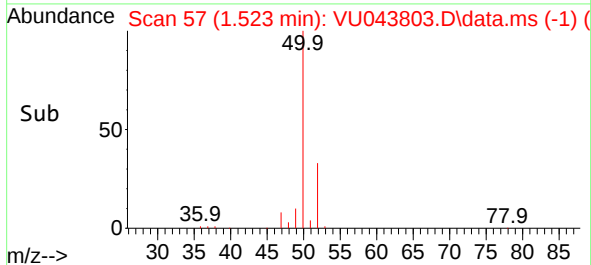
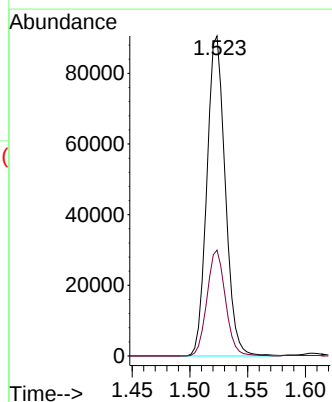
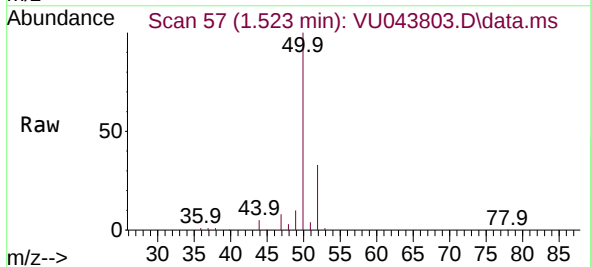
Instrument :
MSVOA_U
ClientSampled :

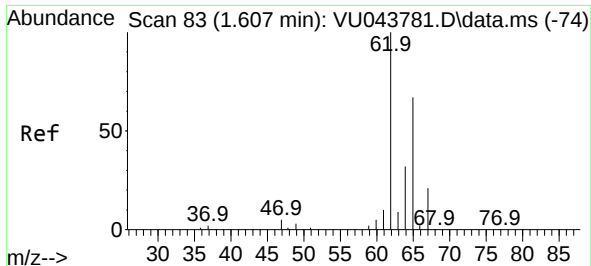
Tgt Ion: 85 Resp: 88726
Ion Ratio Lower Upper
85 100
87 32.5 25.5 38.3



#3
Chloromethane
Concen: 5.03 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion: 50 Resp: 100182
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2

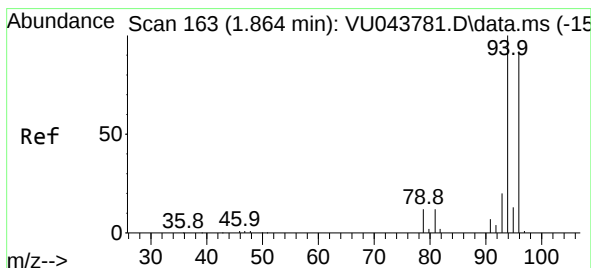
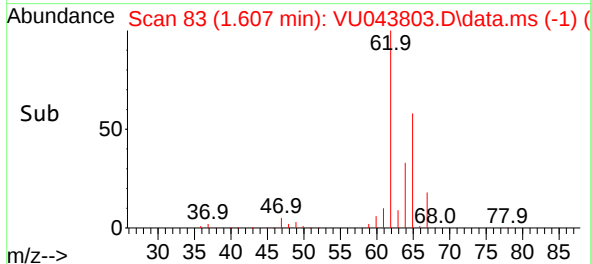
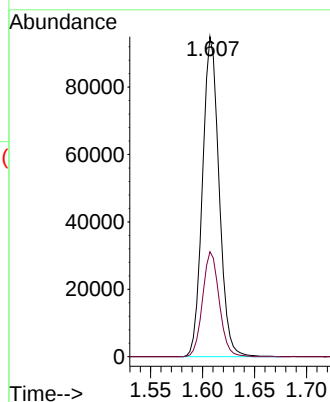
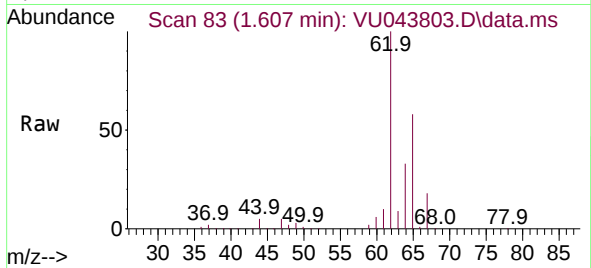




#5
 Vinyl chloride
 Concen: 5.32 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043803.D
 Acq: 18 May 2021 09:41

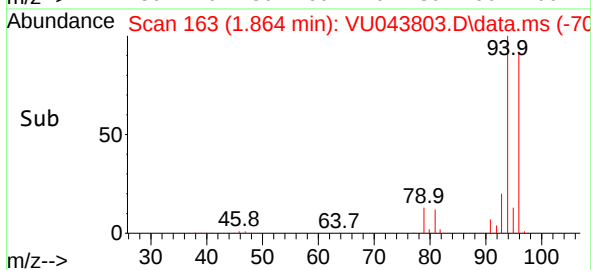
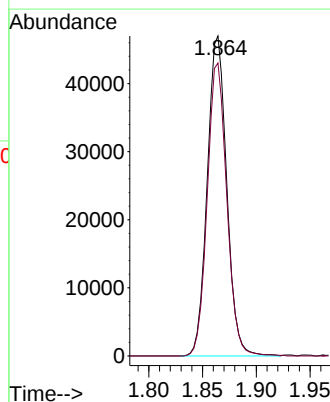
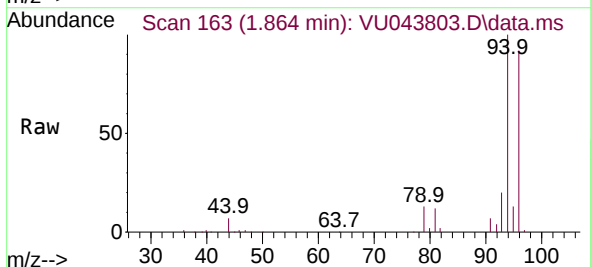
Instrument :
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 ClientSampled :

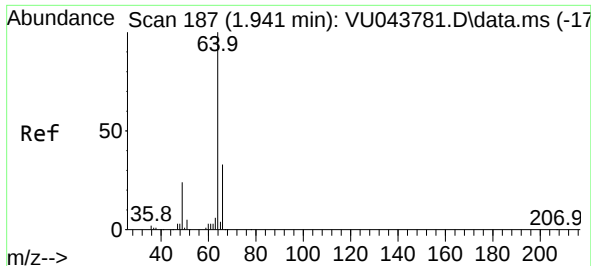
Tgt Ion: 62 Resp: 105328
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.1 41.1



#6
 Bromomethane
 Concen: 5.07 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU043803.D
 Acq: 18 May 2021 09:41

Tgt Ion: 94 Resp: 59212
 Ion Ratio Lower Upper
 94 100
 96 91.6 65.0 120.8

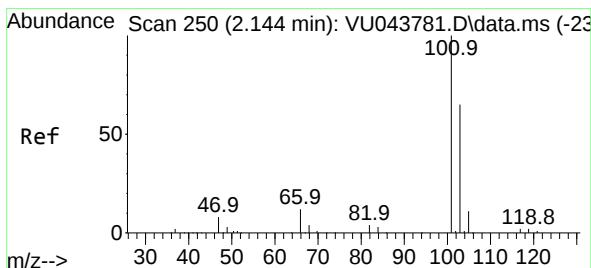
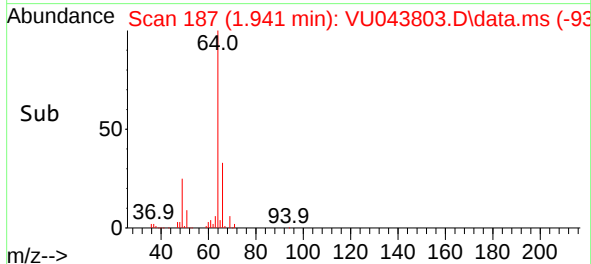
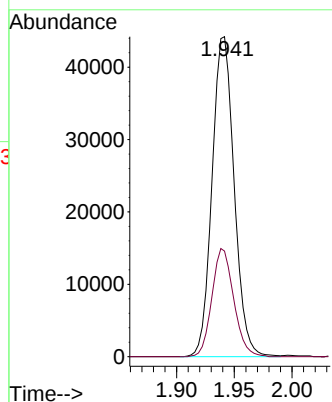
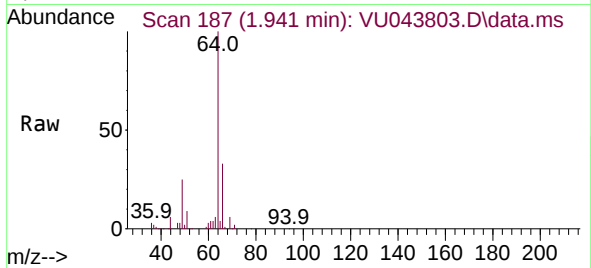




#8
Chloroethane
Concen: 5.29 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

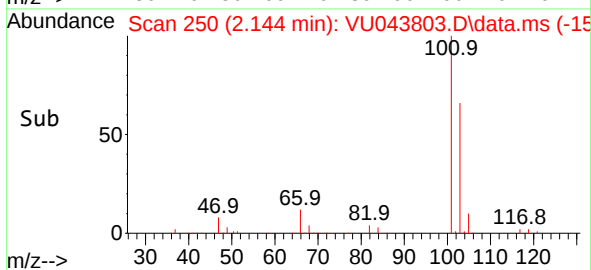
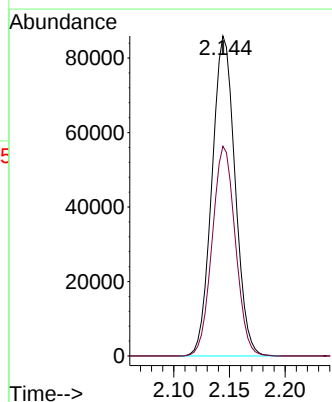
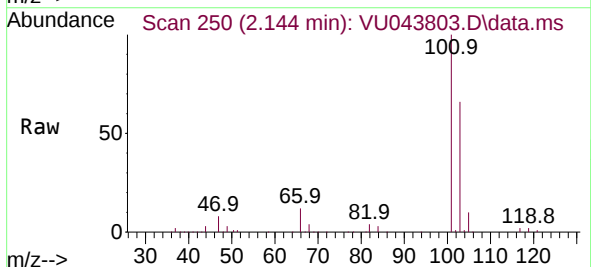
Instrument :
MSVOA_U
ClientSampled :

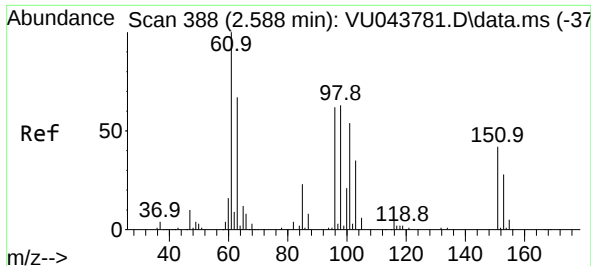
Tgt Ion: 64 Resp: 58890
Ion Ratio Lower Upper
64 100
66 33.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 5.41 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion: 101 Resp: 124157
Ion Ratio Lower Upper
101 100
103 65.6 52.1 78.1

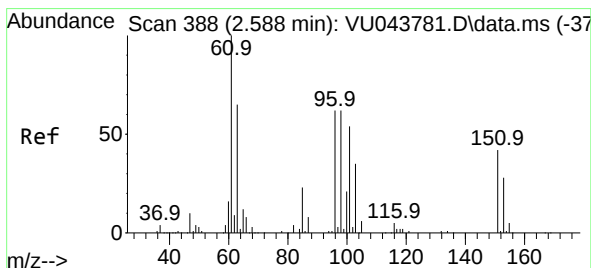
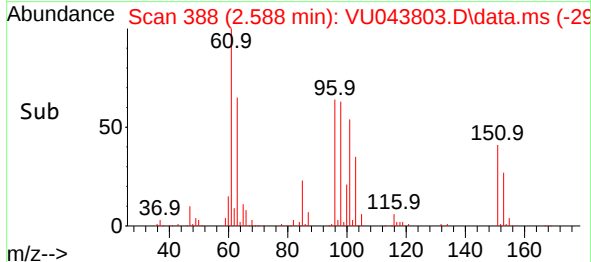
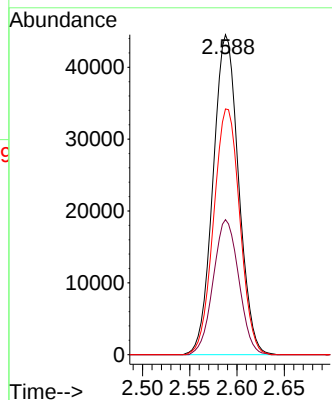
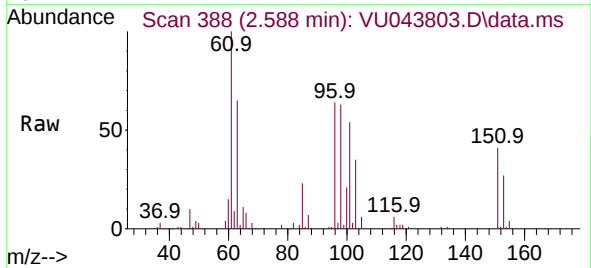




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.34 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU043803.D
 Acq: 18 May 2021 09:41

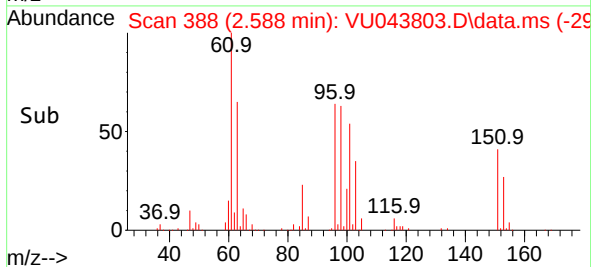
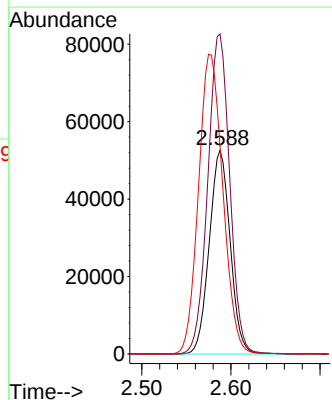
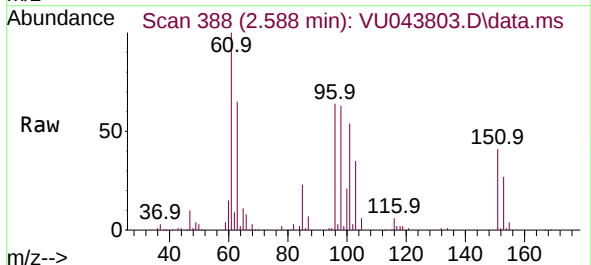
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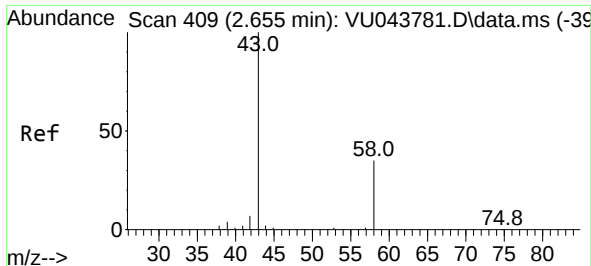
Tgt Ion:101 Resp: 83619
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.3 51.5
 151 78.7 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 5.56 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU043803.D
 Acq: 18 May 2021 09:41

Tgt Ion: 96 Resp: 85543
 Ion Ratio Lower Upper
 96 100
 61 157.2 117.5 218.1
 63 101.9 77.3 143.7

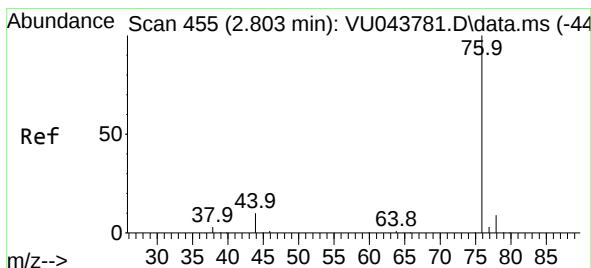
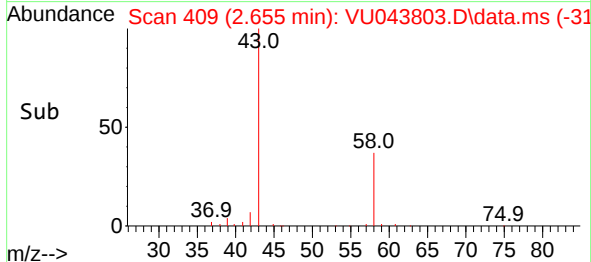
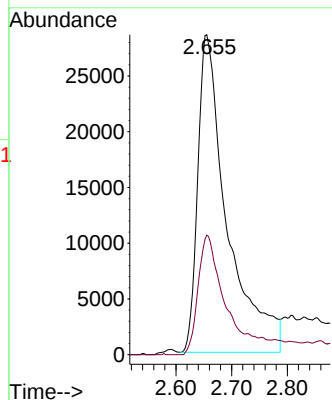
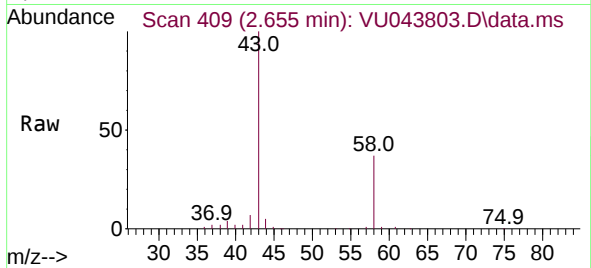




#13
Acetone
Concen: 50.22 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

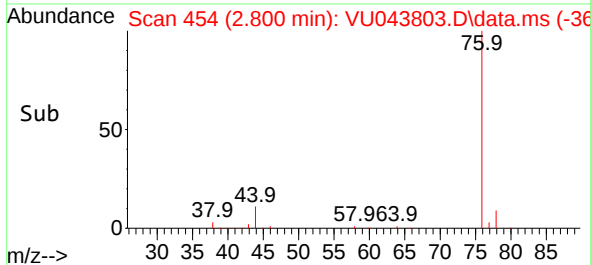
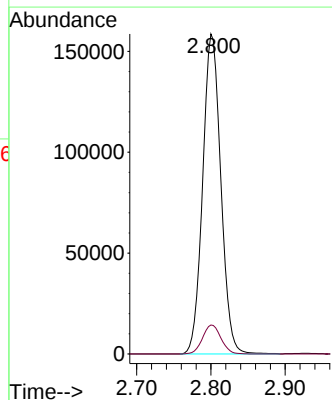
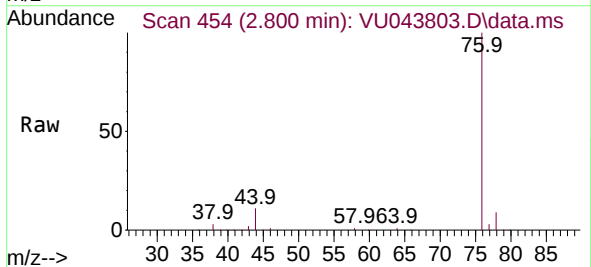
Instrument :
MSVOA_U
ClientSampled :

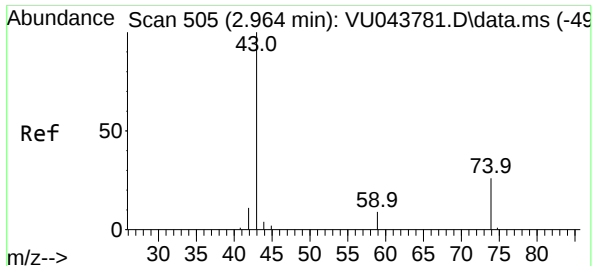
Tgt Ion: 43 Resp: 104228
Ion Ratio Lower Upper
43 100
58 34.2 0.0 71.6



#14
Carbon disulfide
Concen: 5.23 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

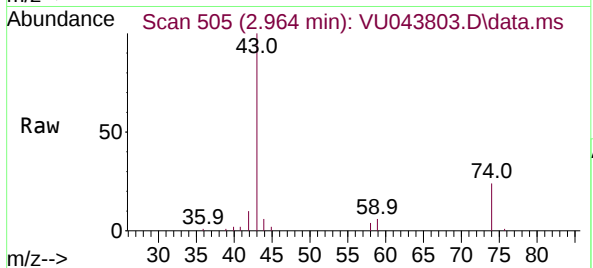
Tgt Ion: 76 Resp: 269164
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



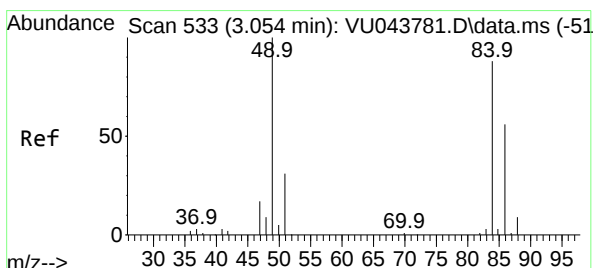
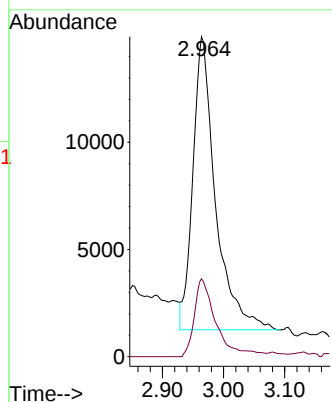
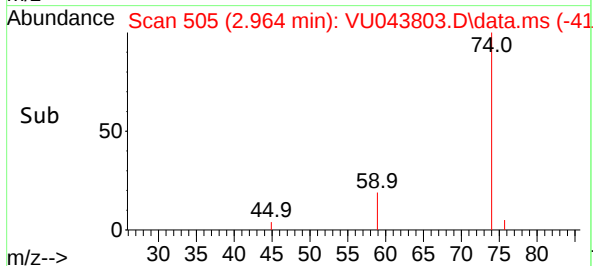


#15
Methyl Acetate
Concen: 5.69 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

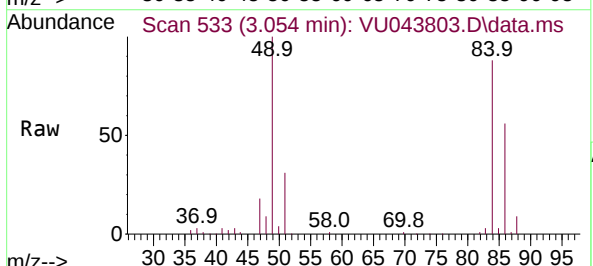
Instrument :
MSVOA_U
ClientSampled :



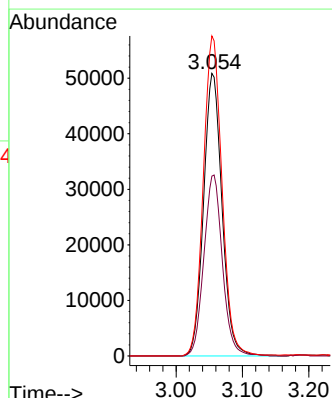
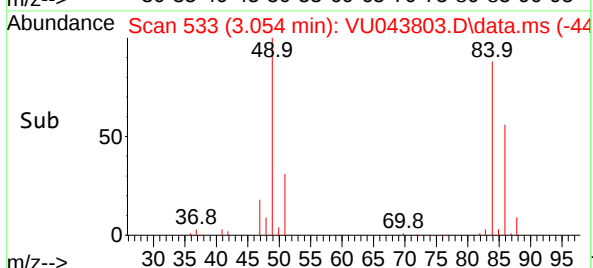
Tgt Ion: 43 Resp: 35123
Ion Ratio Lower Upper
43 100
74 25.6 19.3 28.9

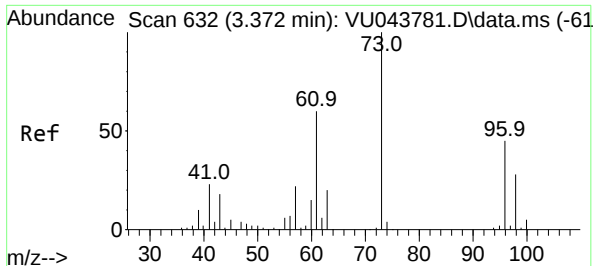


#16
Methylene chloride
Concen: 4.30 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41



Tgt Ion: 84 Resp: 98303
Ion Ratio Lower Upper
84 100
86 63.6 44.7 82.9
49 113.3 83.1 154.3



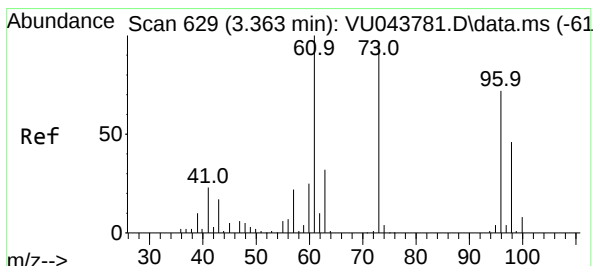
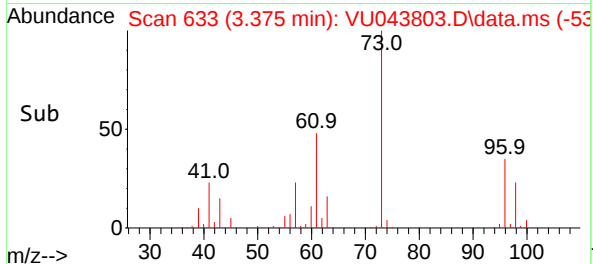
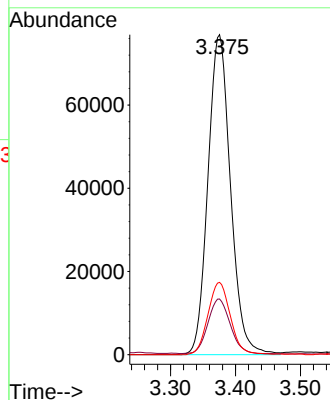
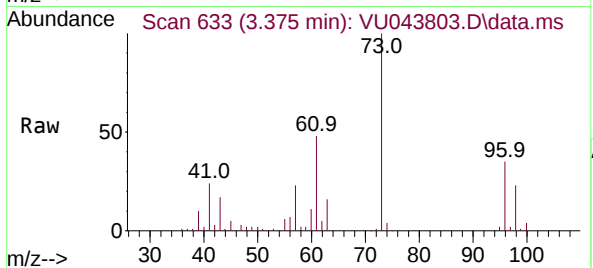


#17

Methyl tert-butyl Ether
Concen: 5.34 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

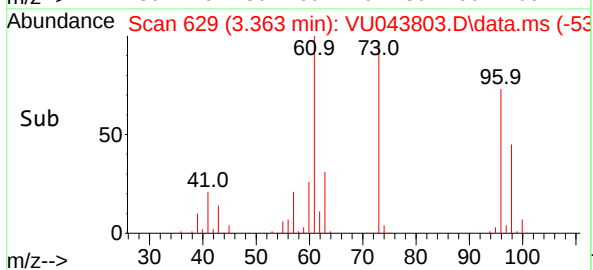
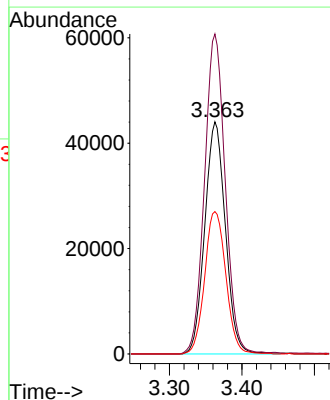
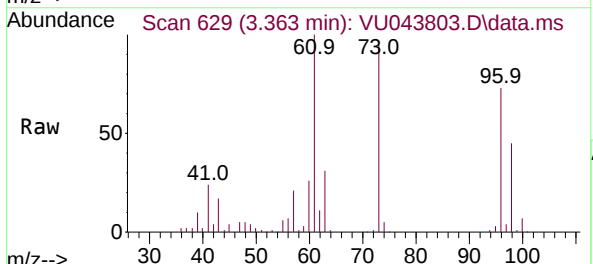
Tgt Ion: 73 Resp: 185911
Ion Ratio Lower Upper
73 100
43 17.2 15.0 22.4
57 22.4 18.6 27.8

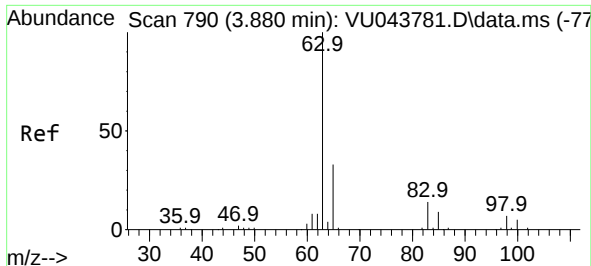


#18

trans-1,2-Dichloroethene
Concen: 5.39 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion: 96 Resp: 87173
Ion Ratio Lower Upper
96 100
61 137.9 99.6 185.0
98 61.4 43.8 81.4





#19

1,1-Dichloroethane

Concen: 5.37 ug/L

RT: 3.880 min Scan# 790

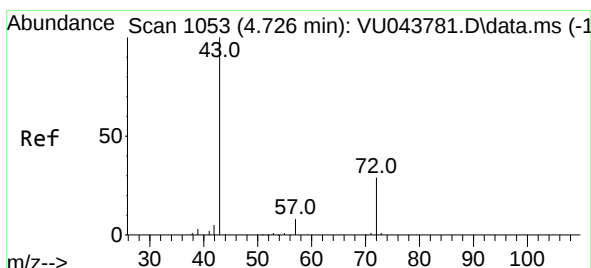
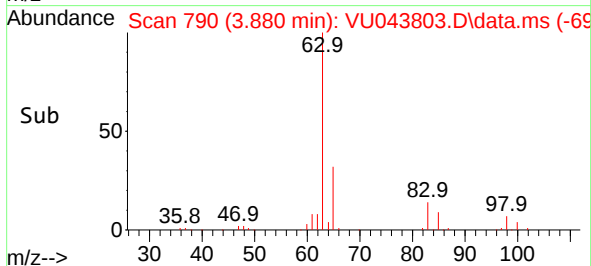
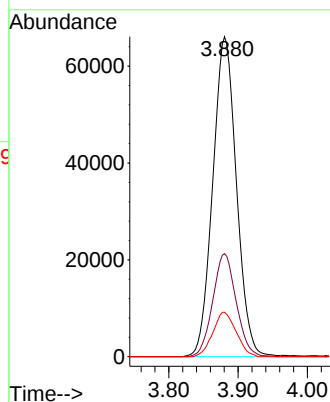
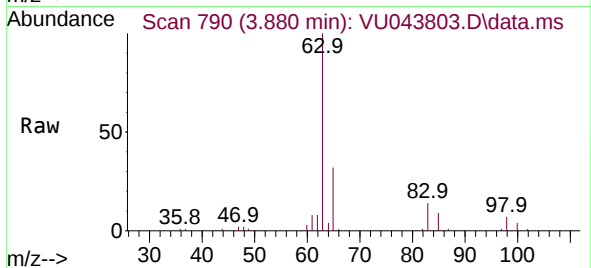
Delta R.T. 0.000 min

Lab File: VU043803.D

Acq: 18 May 2021 09:41

Tgt Ion:	63	Resp:	156836
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.3	41.3
83	13.9	9.0	16.8

Instrument :
MSVOA_U
ClientSampled :



#21

2-Butanone

Concen: 48.83 ug/L

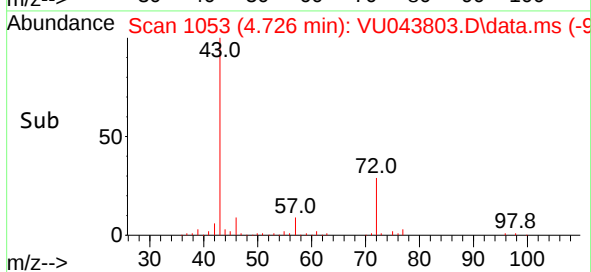
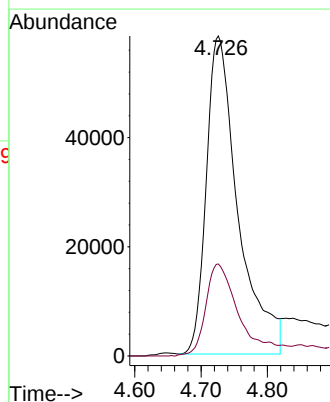
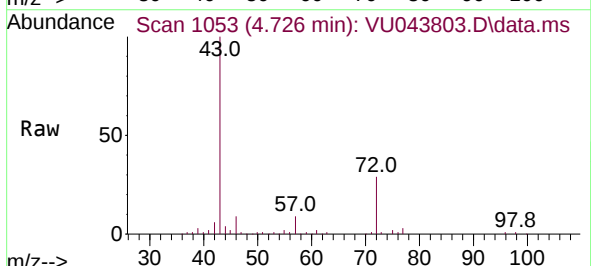
RT: 4.726 min Scan# 1053

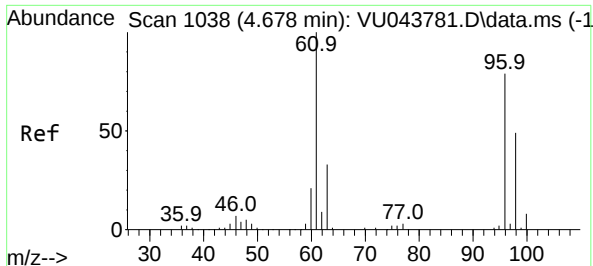
Delta R.T. 0.003 min

Lab File: VU043803.D

Acq: 18 May 2021 09:41

Tgt Ion:	43	Resp:	193781
Ion	Ratio	Lower	Upper
43	100		
72	28.5	14.5	43.6

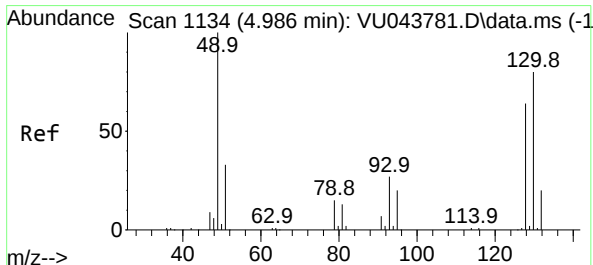
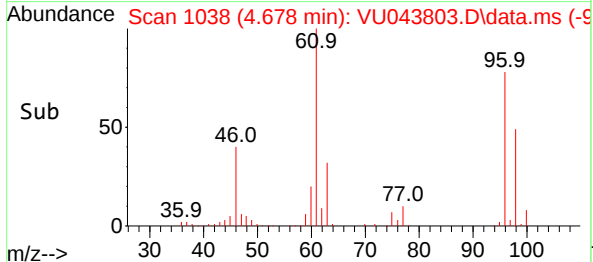
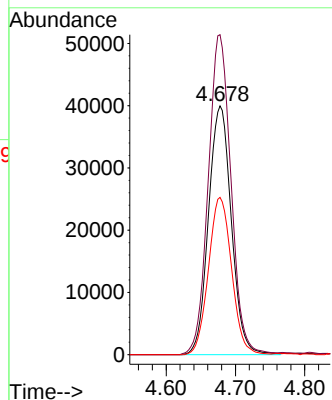
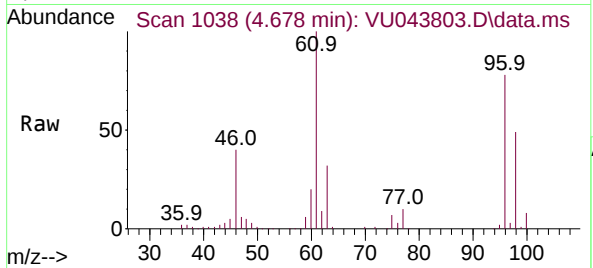




#22
 cis-1,2-Dichloroethene
 Concen: 5.39 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU043803.D
 Acq: 18 May 2021 09:41

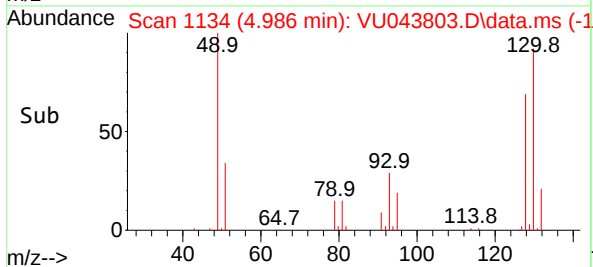
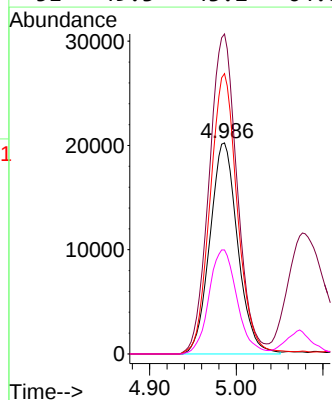
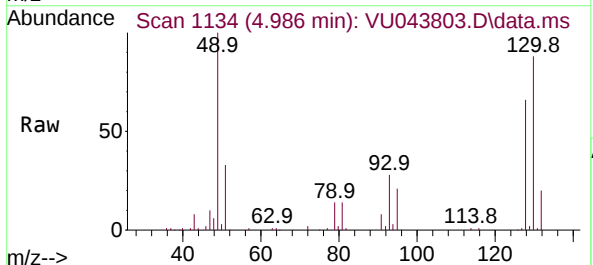
Instrument :
 MSVOA_U
 ClientSampled :

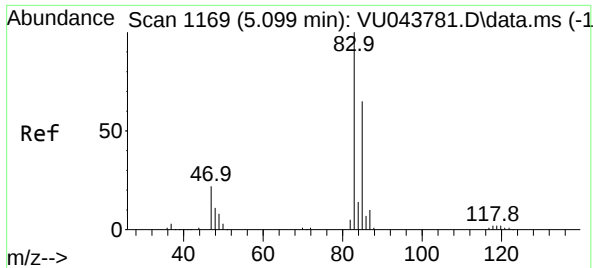
Tgt Ion:	96	Resp:	91651
Ion	Ratio	Lower	Upper
96	100		
61	128.7	89.0	165.4
98	63.2	44.9	83.3



#23
 Bromochloromethane
 Concen: 5.64 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.003 min
 Lab File: VU043803.D
 Acq: 18 May 2021 09:41

Tgt Ion:	128	Resp:	45164
Ion	Ratio	Lower	Upper
128	100		
49	151.7	114.7	212.9
130	132.8	91.7	170.3
51	49.3	43.2	64.8





#25

Chloroform

Concen: 5.51 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU043803.D

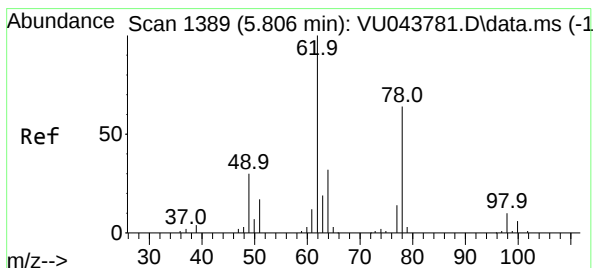
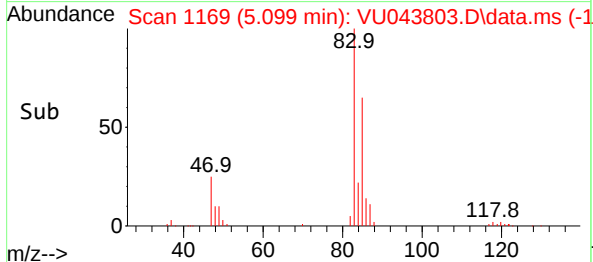
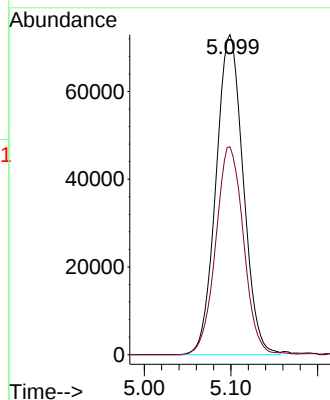
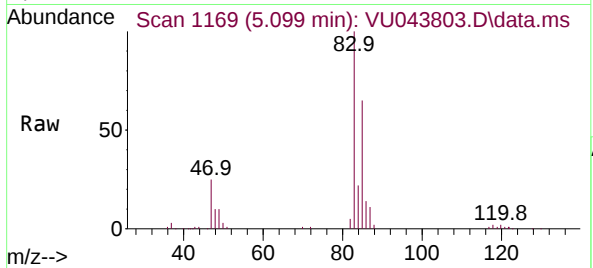
Acq: 18 May 2021 09:41

Tgt Ion: 83 Resp: 159348

Ion Ratio Lower Upper

83 100

85 64.9 45.0 83.6



#27

1,2-Dichloroethane

Concen: 5.46 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU043803.D

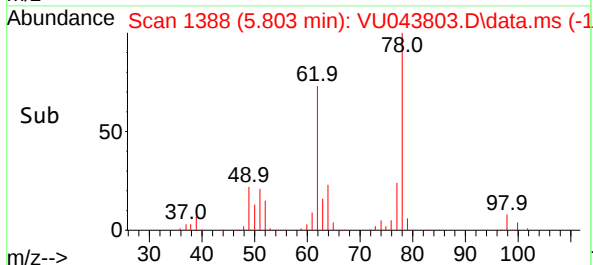
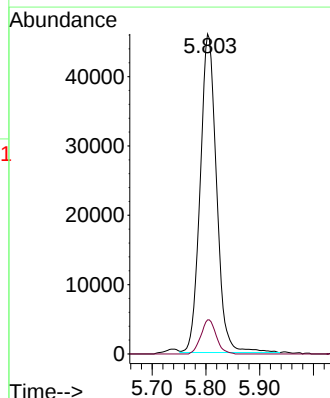
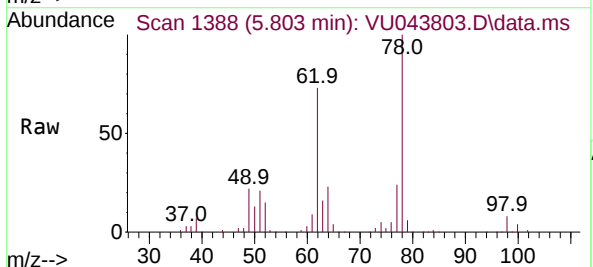
Acq: 18 May 2021 09:41

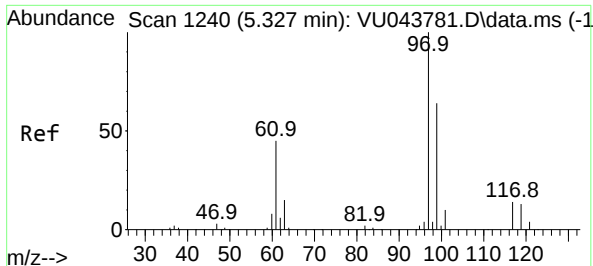
Tgt Ion: 62 Resp: 97308

Ion Ratio Lower Upper

62 100

98 10.7 7.7 11.5

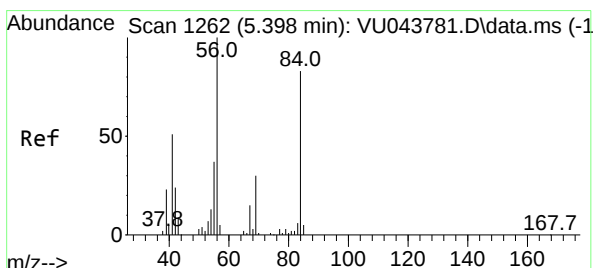
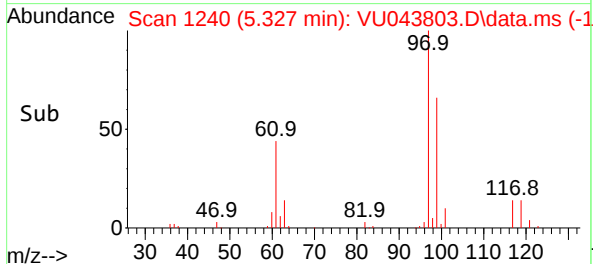
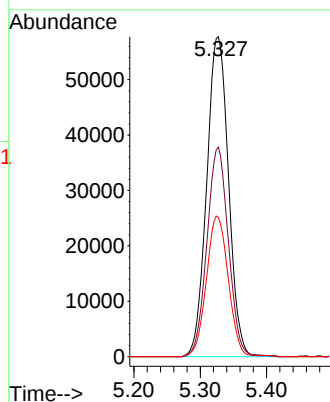
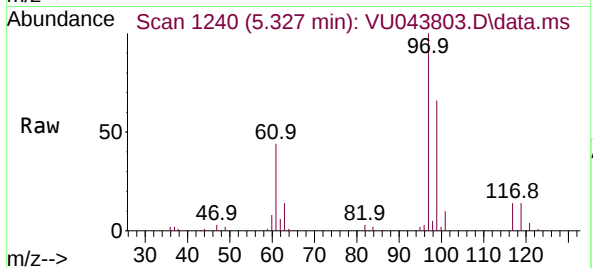




#29
1,1,1-Trichloroethane
Concen: 5.46 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

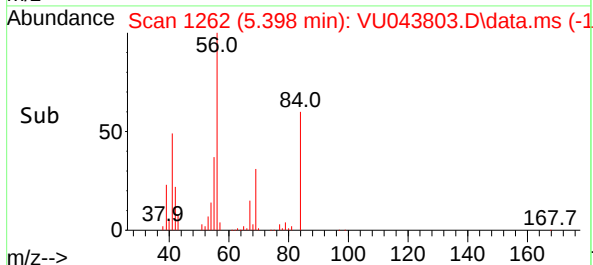
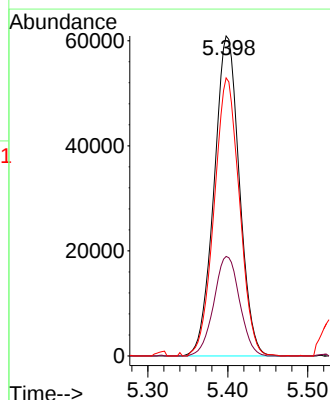
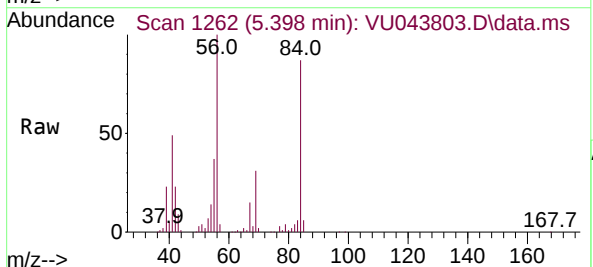
Instrument :
MSVOA_U
ClientSampled :

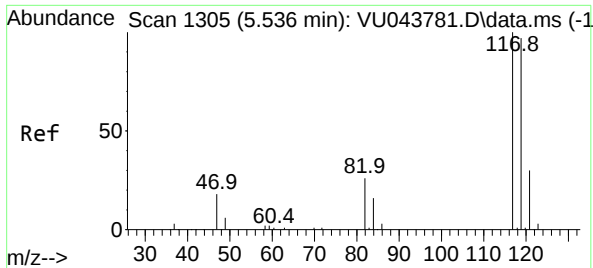
Tgt Ion: 97 Resp: 131942
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 44.1 37.0 55.4



#30
Cyclohexane
Concen: 4.98 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion: 56 Resp: 133551
Ion Ratio Lower Upper
56 100
69 31.7 24.8 37.2
84 87.0 66.8 100.2

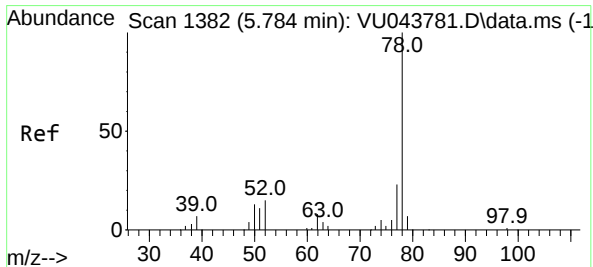
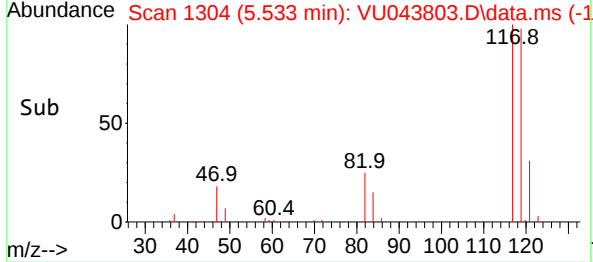
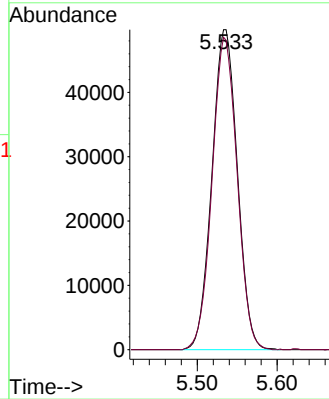
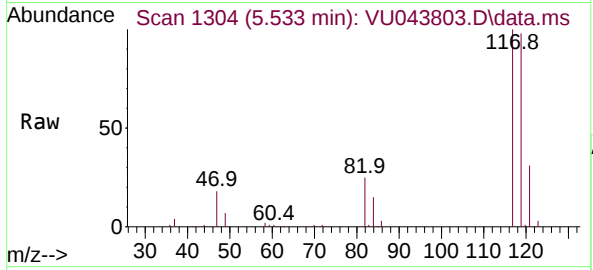




#31
Carbon tetrachloride
Concen: 5.44 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

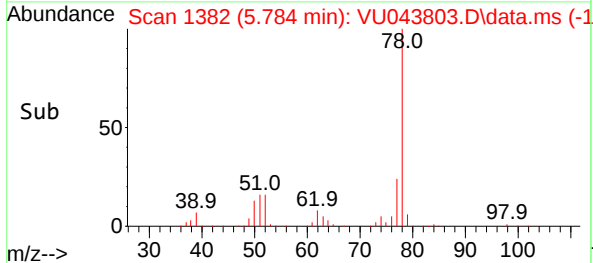
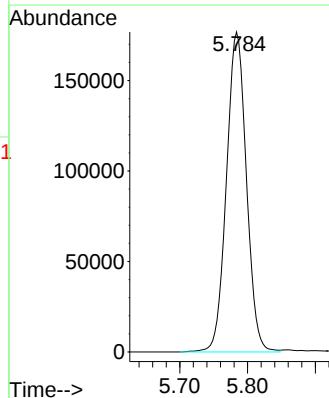
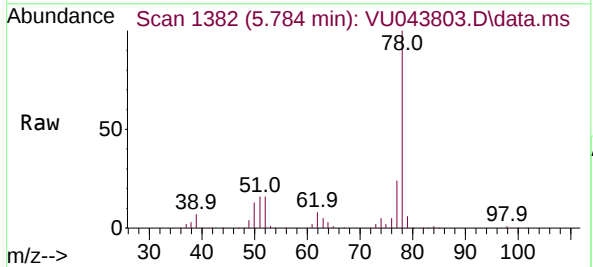
Instrument :
MSVOA_U
ClientSampled :

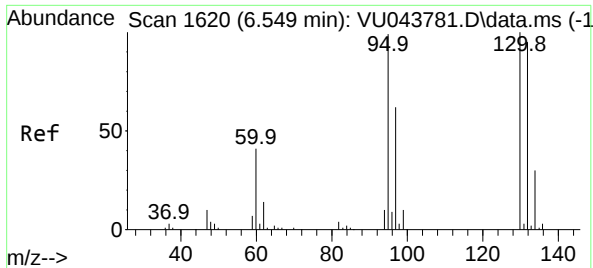
Tgt Ion:117 Resp: 109885
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0



#33
Benzene
Concen: 5.40 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion: 78 Resp: 362007



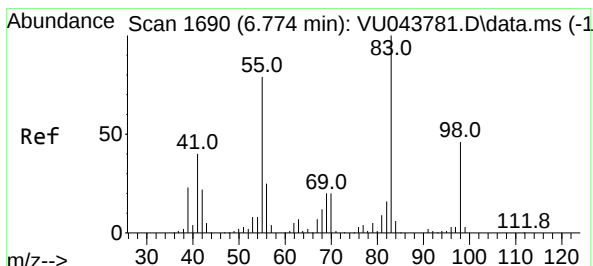
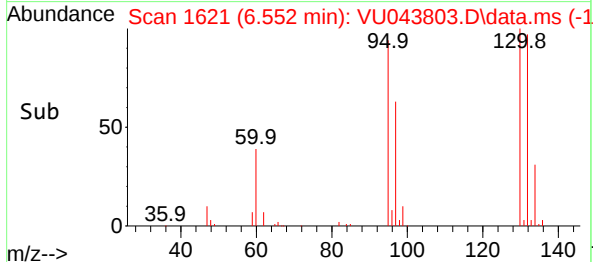
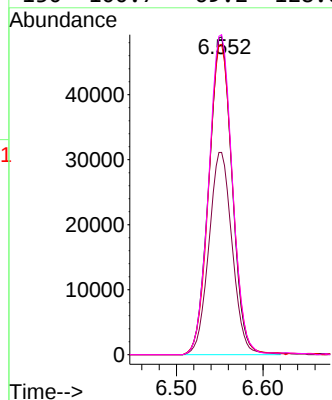
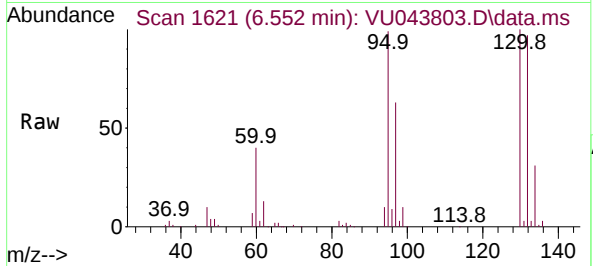


#34
Trichloroethene
Concen: 5.30 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 91127

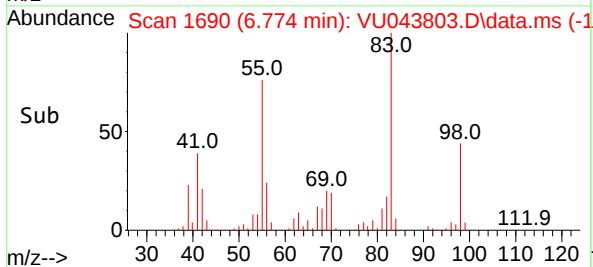
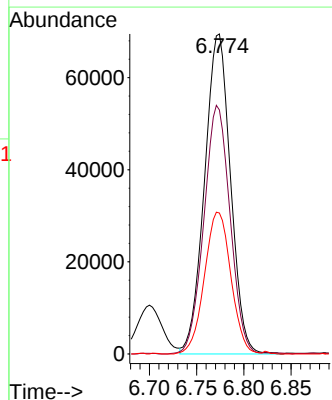
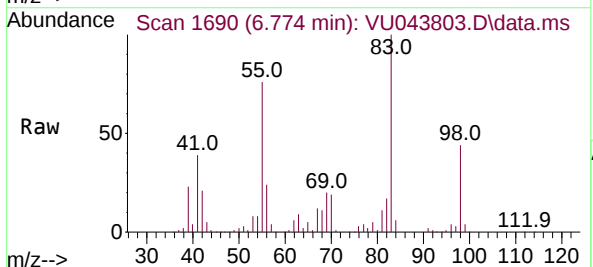
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.3	82.3
132	97.6	66.0	122.6
130	100.7	69.2	128.6

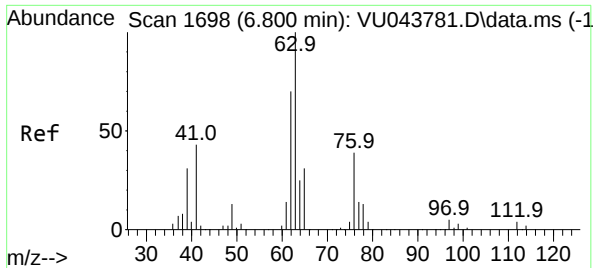


#35
Methylcyclohexane
Concen: 4.97 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion: 83 Resp: 132878

Ion	Ratio	Lower	Upper
83	100		
55	78.5	64.8	97.2
98	45.1	35.9	53.9



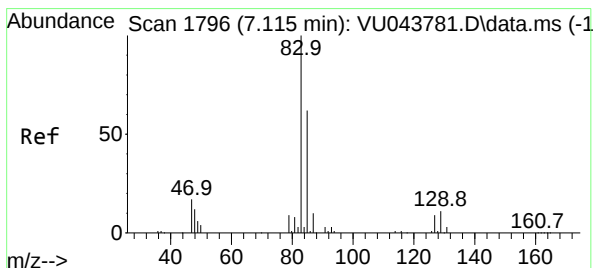
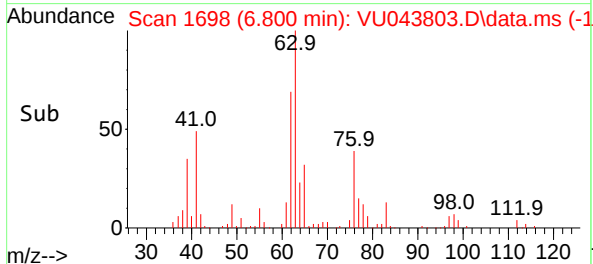
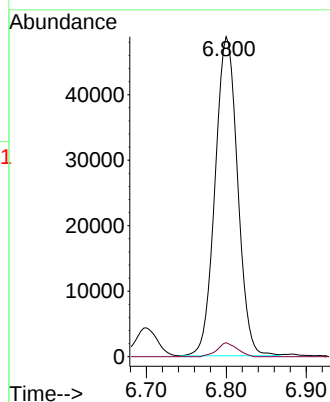
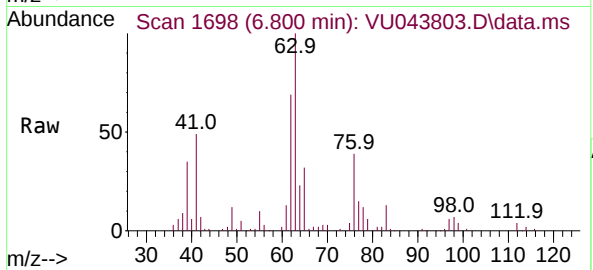


#37

1,2-Dichloropropane
Concen: 5.43 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

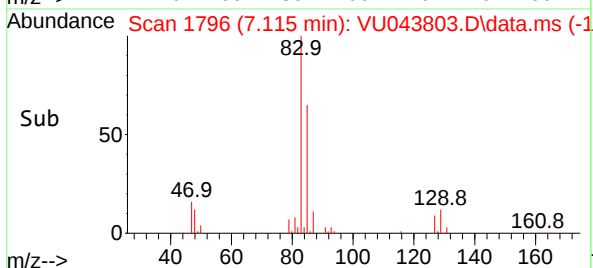
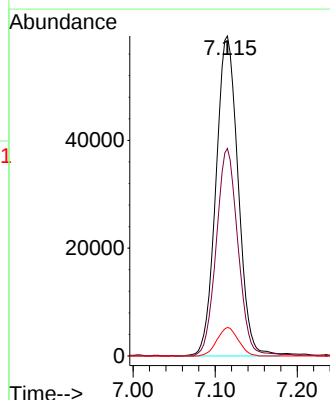
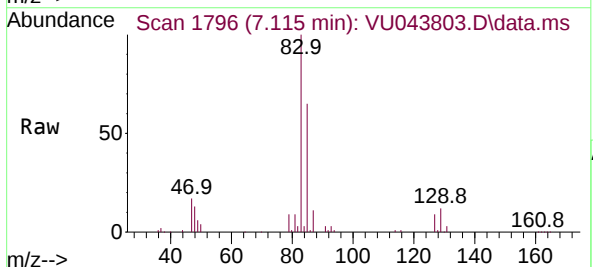
Tgt Ion: 63 Resp: 95227
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9

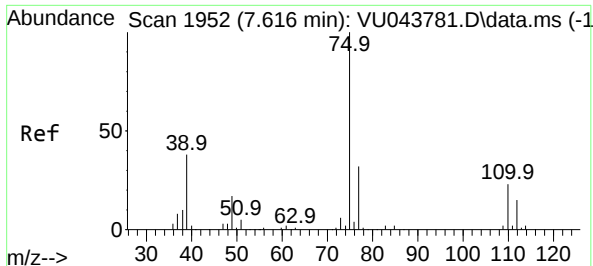


#38

Bromodichloromethane
Concen: 5.45 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion: 83 Resp: 111489
Ion Ratio Lower Upper
83 100
85 64.9 44.6 82.8
127 8.9 7.0 10.4

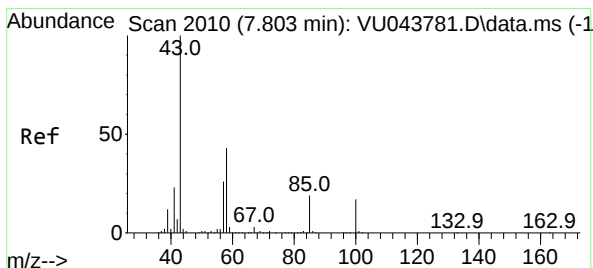
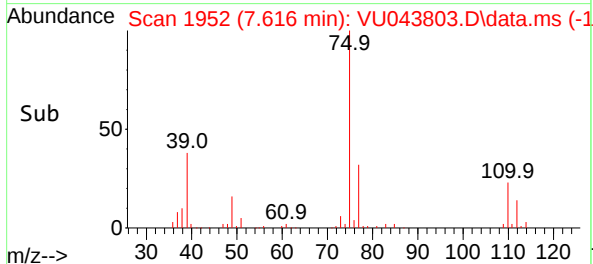
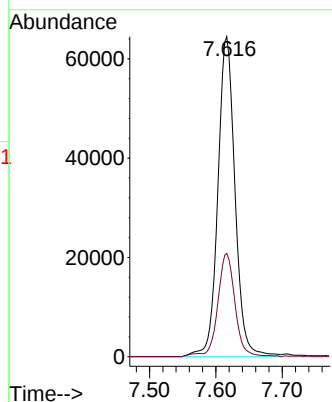
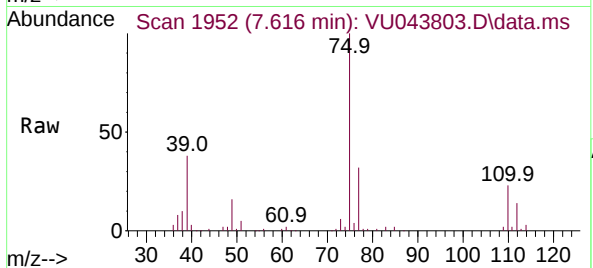




#39
 cis-1,3-Dichloropropene
 Concen: 4.98 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.003 min
 Lab File: VU043803.D
 Acq: 18 May 2021 09:41

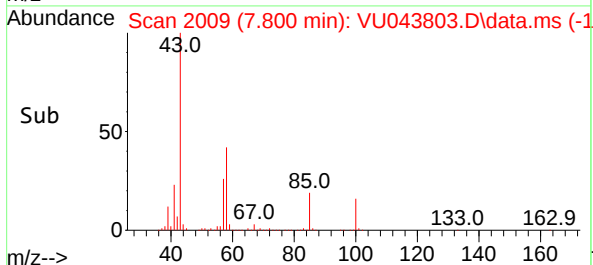
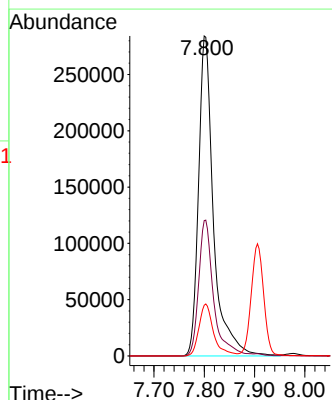
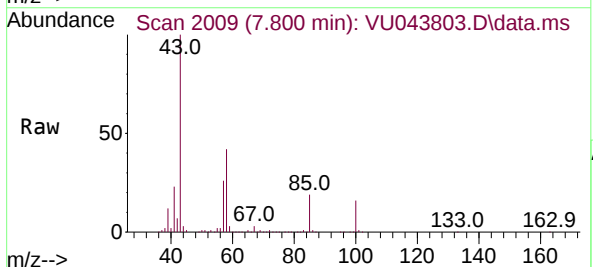
Instrument :
 MSVOA_U
 ClientSampled :

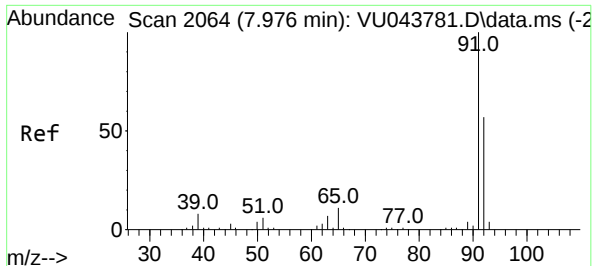
Tgt Ion: 75 Resp: 115990
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 52.54 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: VU043803.D
 Acq: 18 May 2021 09:41

Tgt Ion: 43 Resp: 587806
 Ion Ratio Lower Upper
 43 100
 58 42.3 32.8 49.2
 100 16.0 11.9 17.9





#42

Toluene

Concen: 5.55 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043803.D

Acq: 18 May 2021 09:41

Tgt Ion: 91 Resp: 390820

Ion Ratio Lower Upper

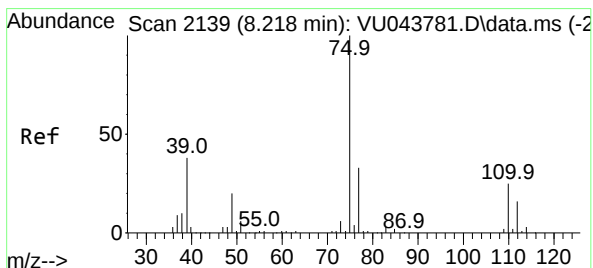
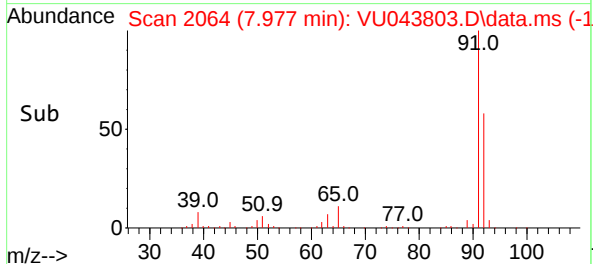
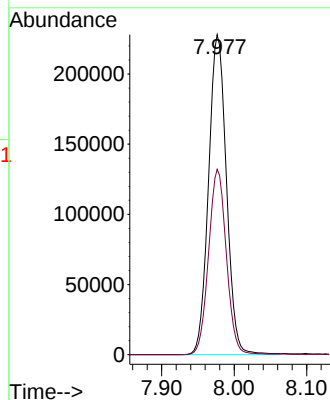
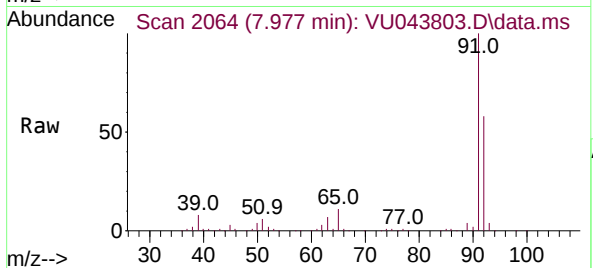
91 100

92 58.0 40.3 74.8

Instrument :

MSVOA_U

ClientSampled :



#44

trans-1,3-Dichloropropene

Concen: 5.05 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043803.D

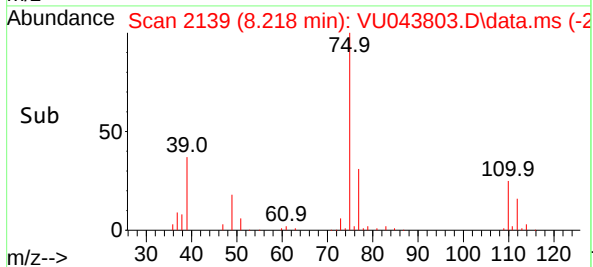
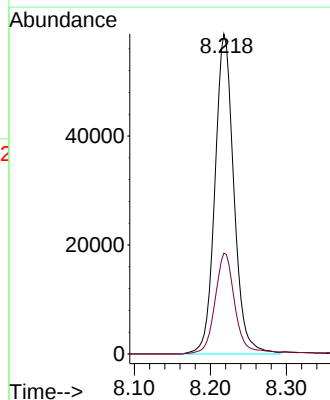
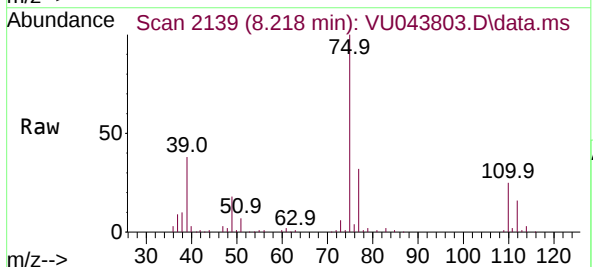
Acq: 18 May 2021 09:41

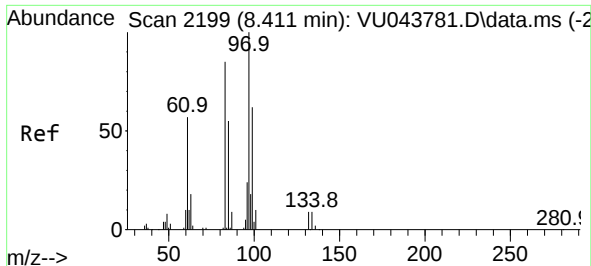
Tgt Ion: 75 Resp: 101586

Ion Ratio Lower Upper

75 100

77 31.5 21.5 39.9

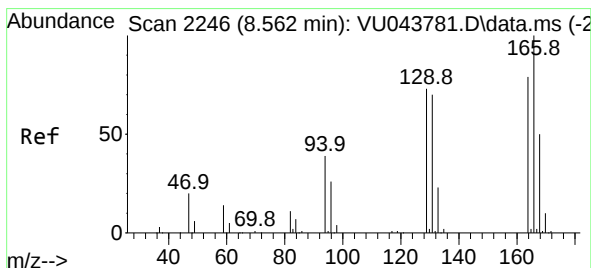
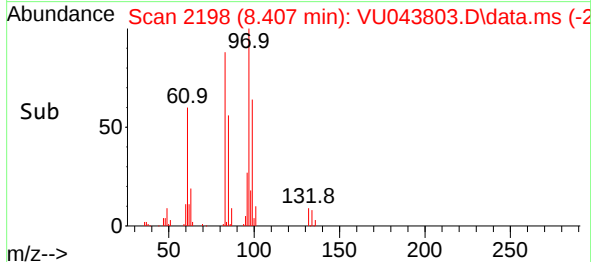
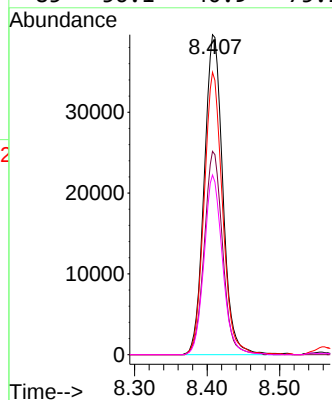
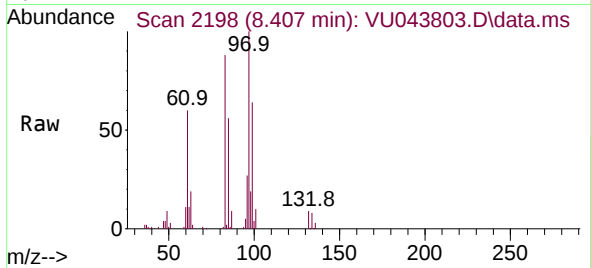




#45
1,1,2-Trichloroethane
Concen: 5.60 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

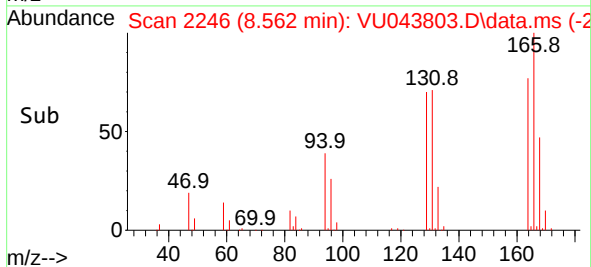
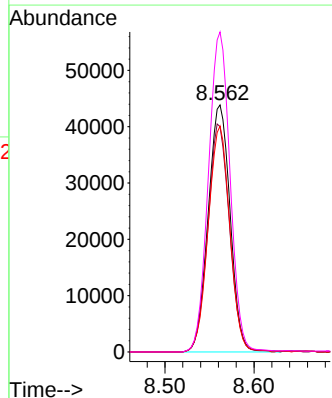
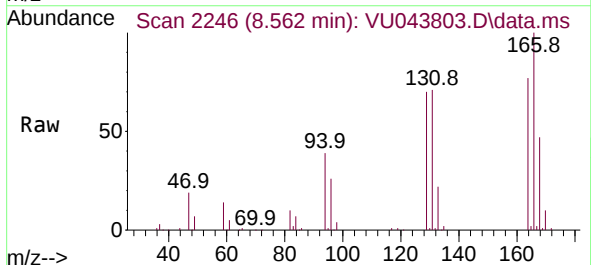
Instrument :
MSVOA_U
ClientSampled :

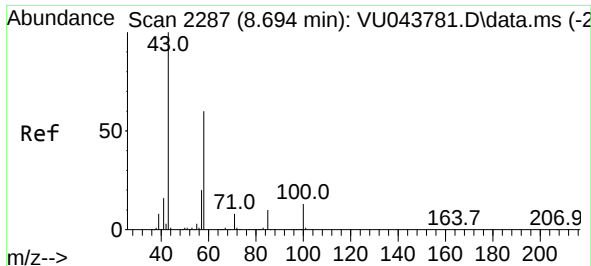
Tgt Ion:	97	Resp:	70634
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.8	81.4
83	88.2	62.5	116.1
85	56.1	40.9	75.9



#47
Tetrachloroethene
Concen: 5.41 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

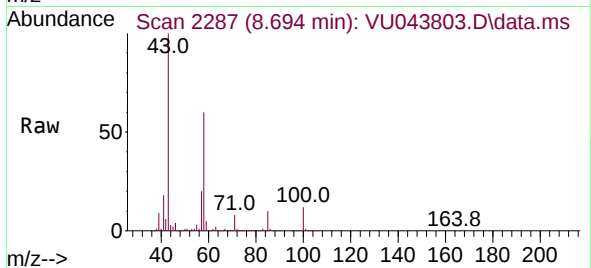
Tgt Ion:	164	Resp:	75274
Ion	Ratio	Lower	Upper
164	100		
129	91.2	64.1	119.1
131	91.5	61.2	113.8
166	129.5	87.8	163.2



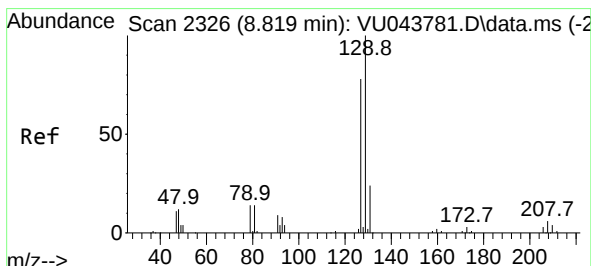
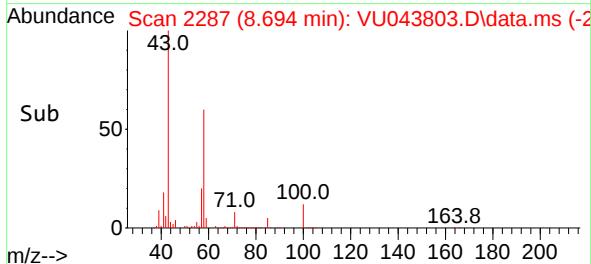
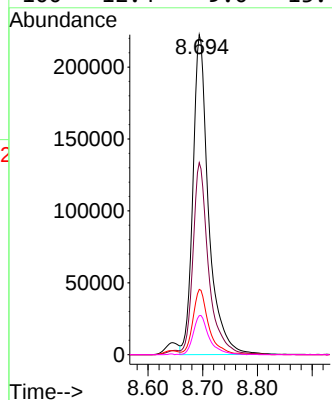


#48
2-Hexanone
Concen: 53.15 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

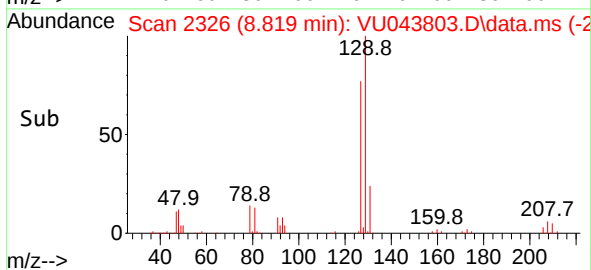
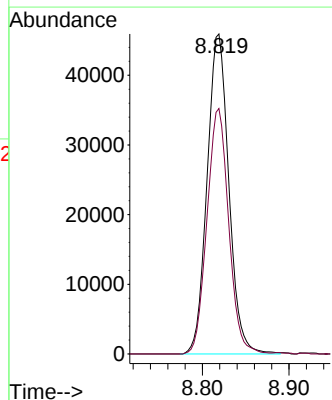
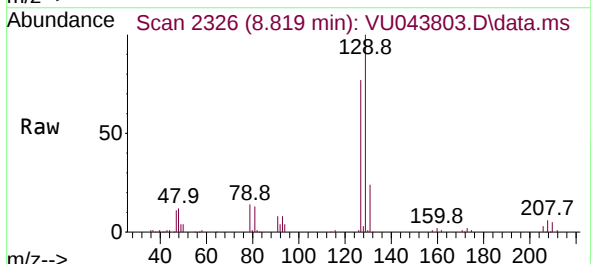


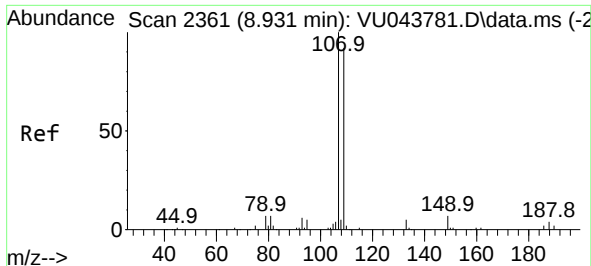
Tgt Ion: 43 Resp: 441093
Ion Ratio Lower Upper
43 100
58 59.7 47.0 70.4
57 20.9 15.8 23.8
100 12.4 9.0 13.4



#49
Dibromochloromethane
Concen: 5.70 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

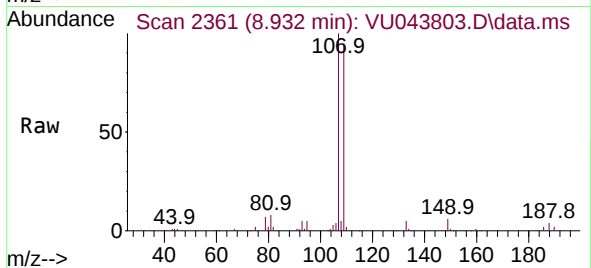
Tgt Ion: 129 Resp: 80159
Ion Ratio Lower Upper
129 100
127 76.7 53.4 99.2



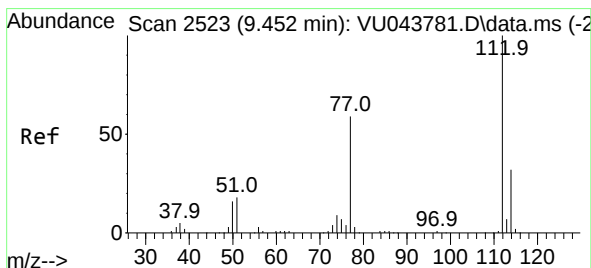
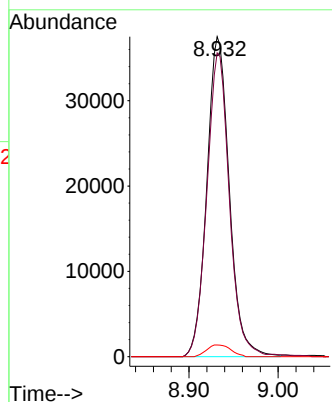
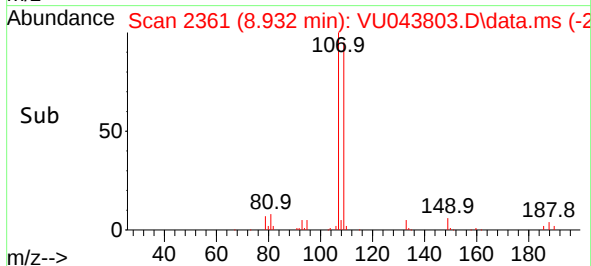


#50
1,2-Dibromoethane
Concen: 5.55 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

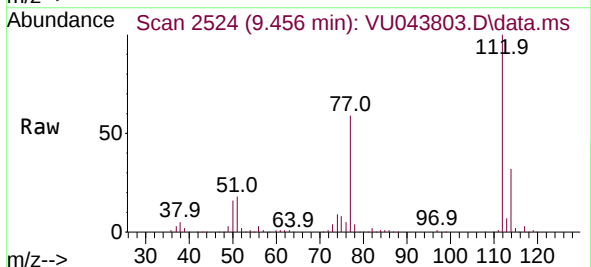
Instrument :
MSVOA_U
ClientSampled :



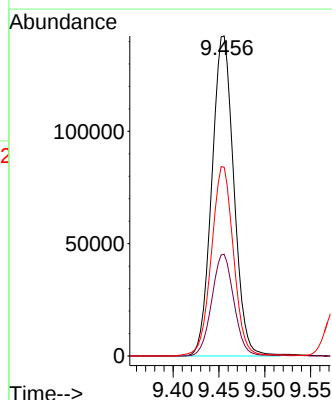
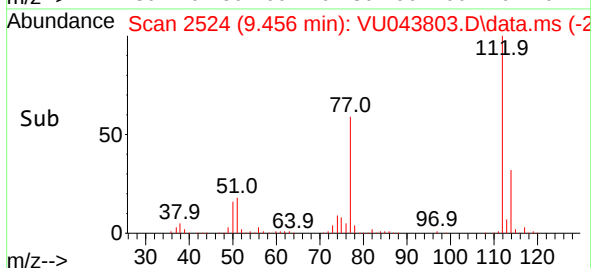
Tgt Ion:107 Resp: 65797
Ion Ratio Lower Upper
107 100
109 94.9 67.7 125.7
188 3.7 3.3 4.9

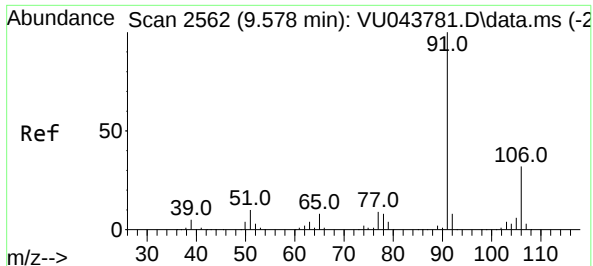


#51
Chlorobenzene
Concen: 5.40 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41



Tgt Ion:112 Resp: 237573
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.5
77 59.0 47.8 71.8





#52

Ethylbenzene

Concen: 5.34 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU043803.D

Acq: 18 May 2021 09:41

Tgt Ion: 91 Resp: 385261

Ion Ratio Lower Upper

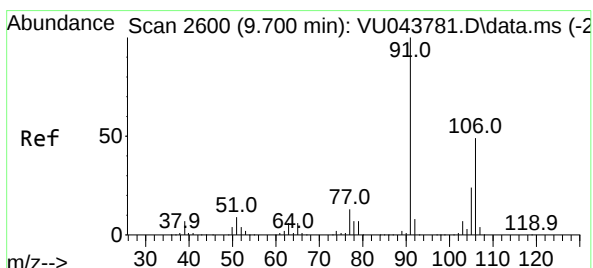
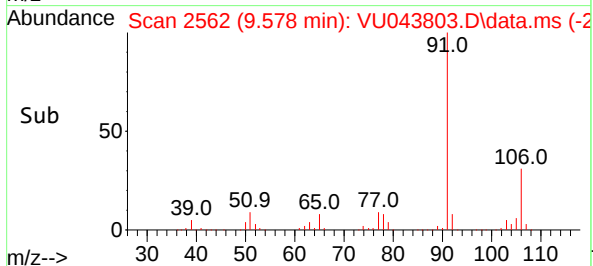
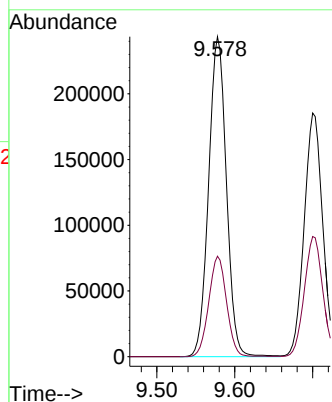
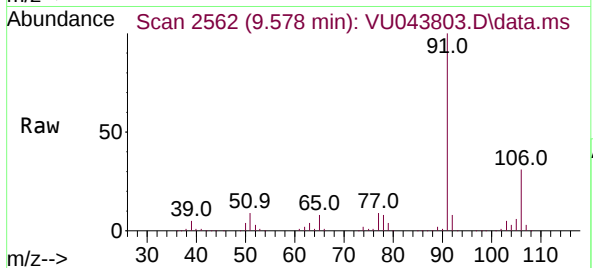
91 100

106 31.4 21.7 40.3

Instrument :

MSVOA_U

ClientSampled :



#53

m,p-Xylene

Concen: 5.47 ug/L

RT: 9.700 min Scan# 2600

Delta R.T. 0.000 min

Lab File: VU043803.D

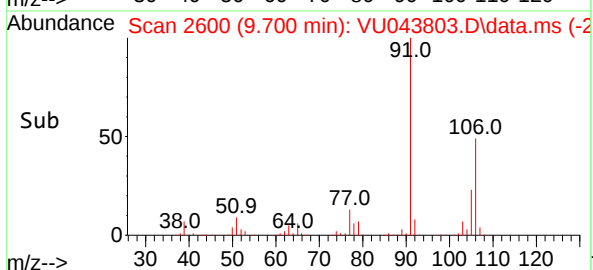
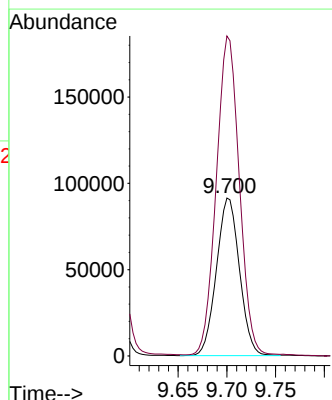
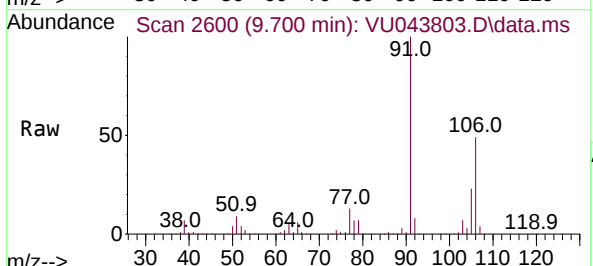
Acq: 18 May 2021 09:41

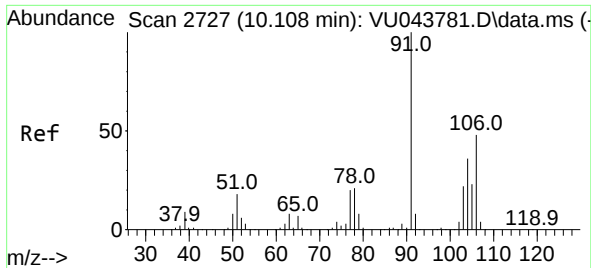
Tgt Ion: 106 Resp: 150053

Ion Ratio Lower Upper

106 100

91 202.7 144.4 268.2

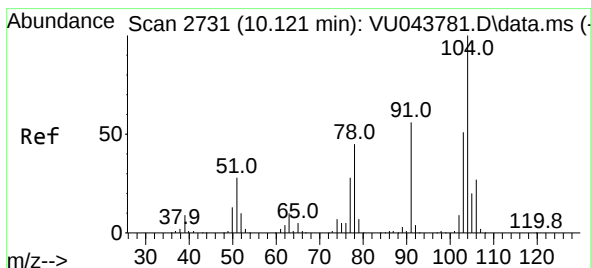
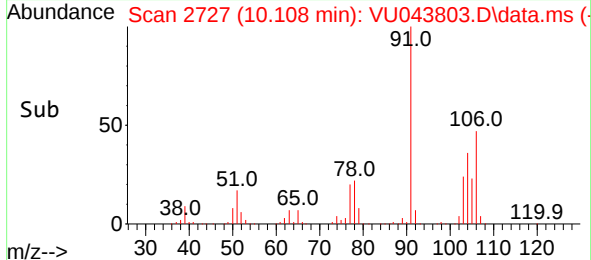
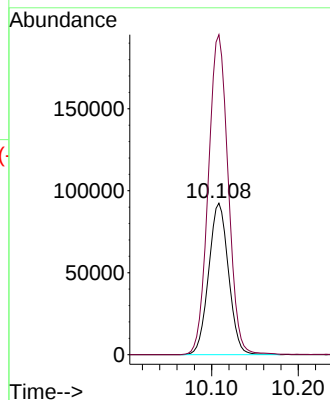
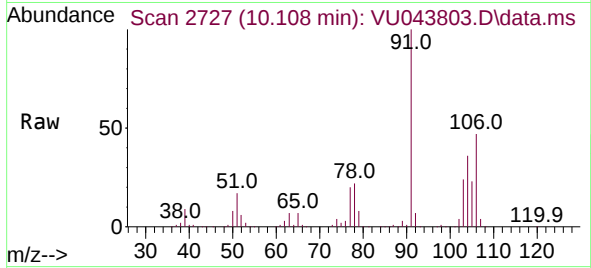




#54
o-Xylene
Concen: 5.61 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

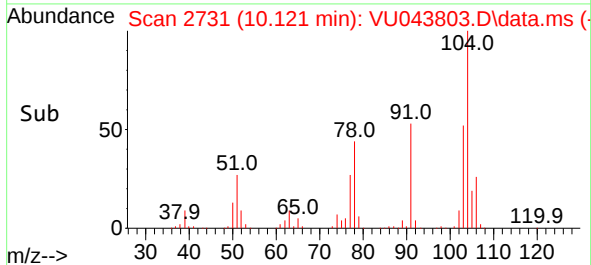
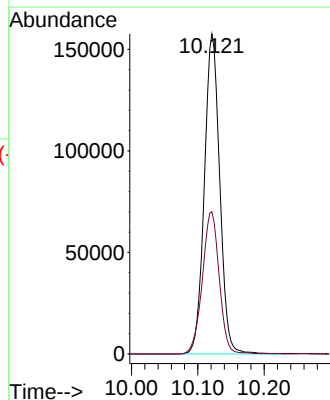
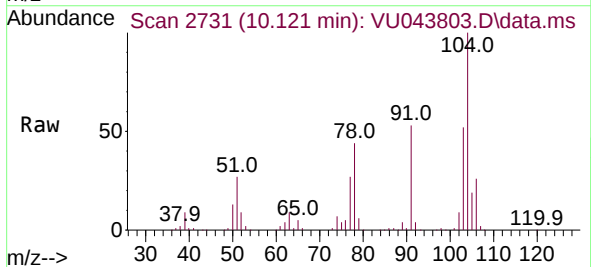
Instrument :
MSVOA_U
ClientSampled :

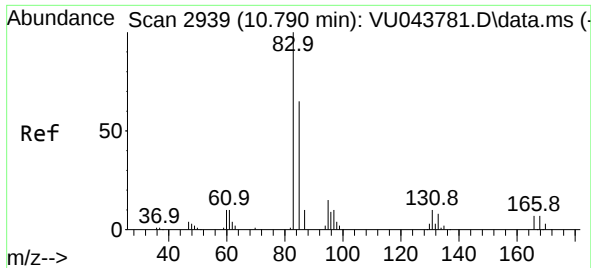
Tgt Ion:106 Resp: 146956
Ion Ratio Lower Upper
106 100
91 211.2 150.8 280.0



#55
Styrene
Concen: 5.76 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion:104 Resp: 254598
Ion Ratio Lower Upper
104 100
78 44.4 31.8 59.0

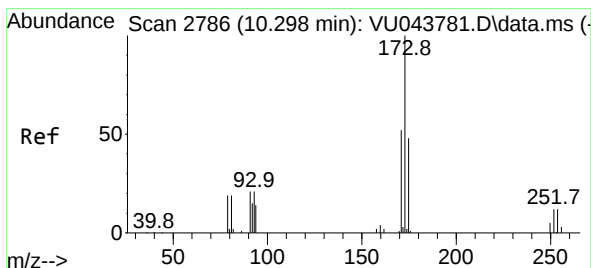
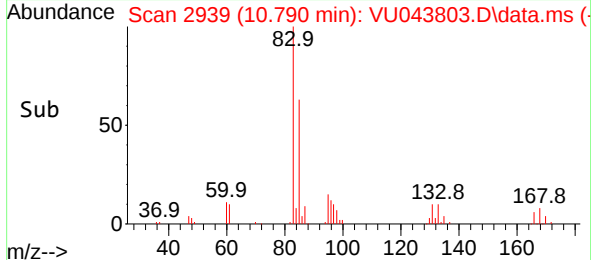
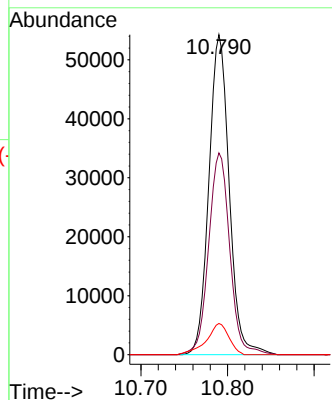
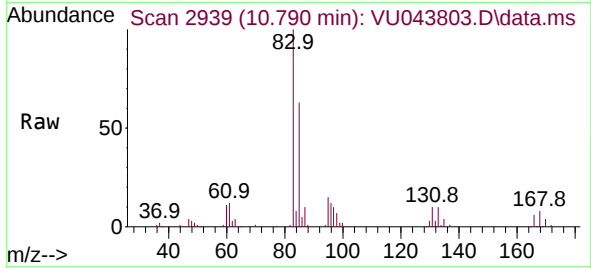




#57
1,1,2,2-Tetrachloroethane
Concen: 5.53 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

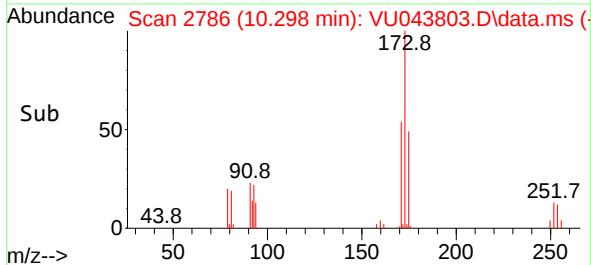
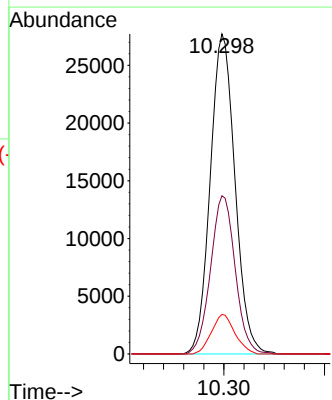
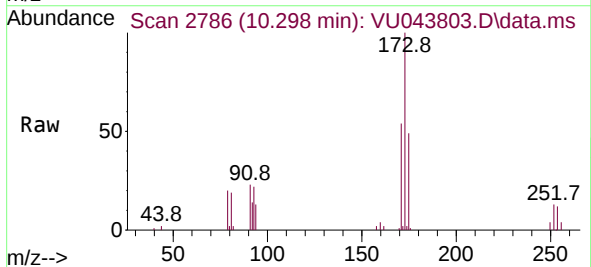
Instrument :
MSVOA_U
ClientSampled :

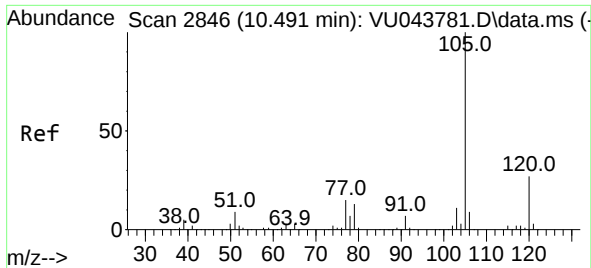
Tgt Ion:	83	Resp:	88484
Ion Ratio	Lower	Upper	
83	100		
85	63.0	45.1	83.7
131	9.8	7.6	11.4



#59
Bromoform
Concen: 5.56 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion:	173	Resp:	47374
Ion Ratio	Lower	Upper	
173	100		
175	49.1	38.8	58.2
254	11.7	9.4	14.2

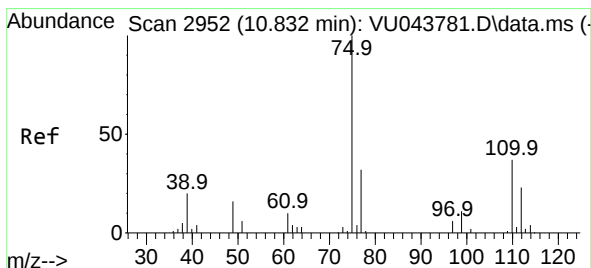
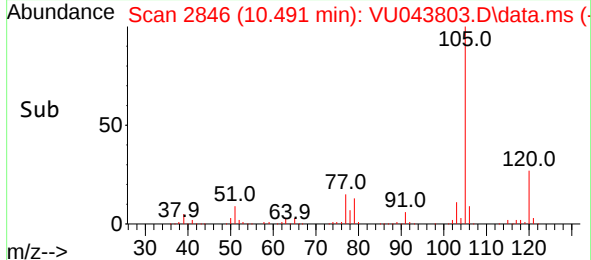
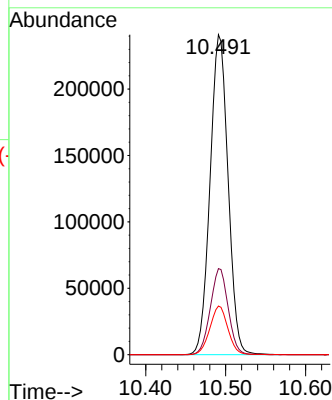
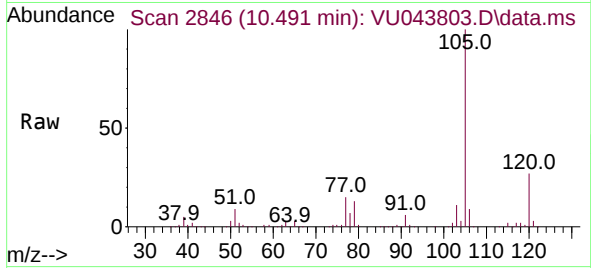




#60
Isopropylbenzene
Concen: 5.42 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

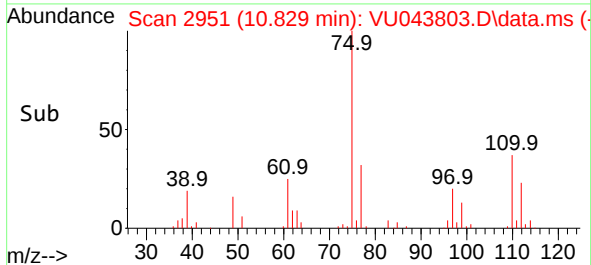
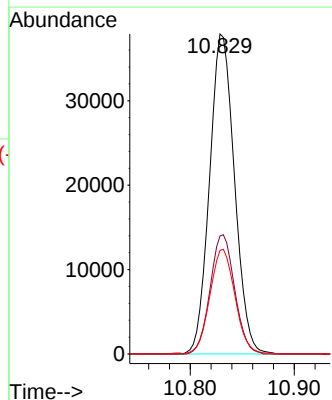
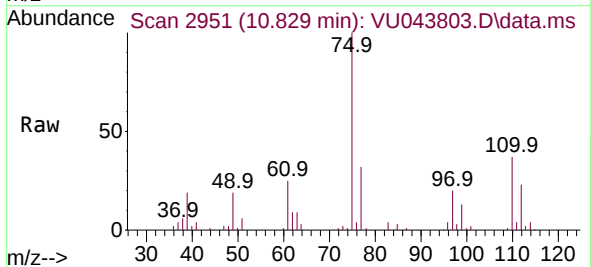
Instrument :
MSVOA_U
ClientSampled :

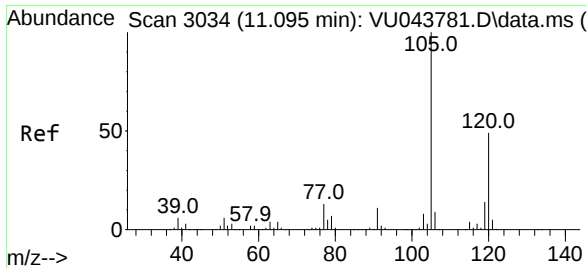
Tgt Ion:105 Resp: 376315
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.23 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion: 75 Resp: 63149
Ion Ratio Lower Upper
75 100
110 36.5 27.9 41.9
77 33.0 25.9 38.9

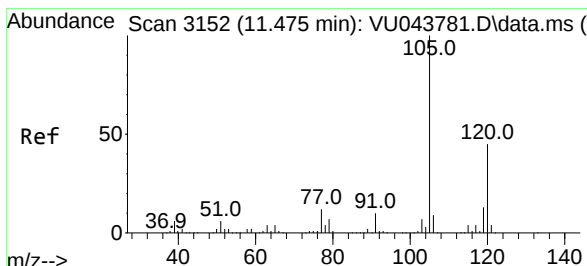
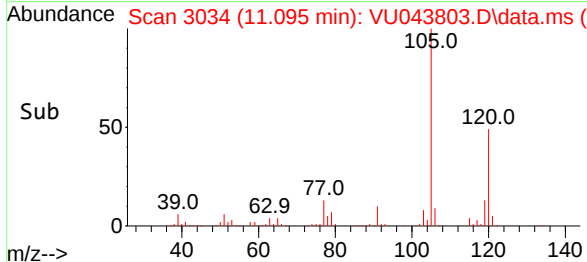
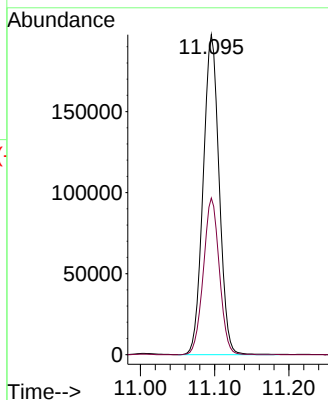
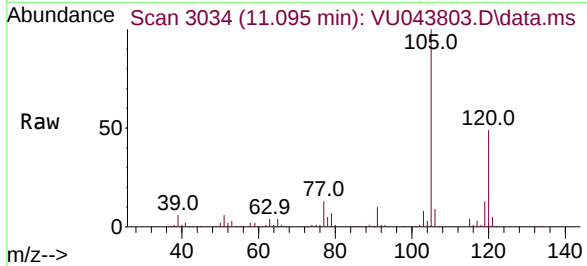




#62
1,3,5-Trimethylbenzene
Concen: 5.27 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

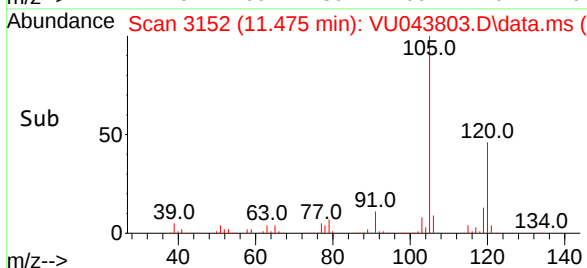
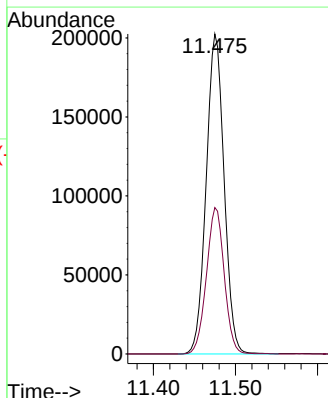
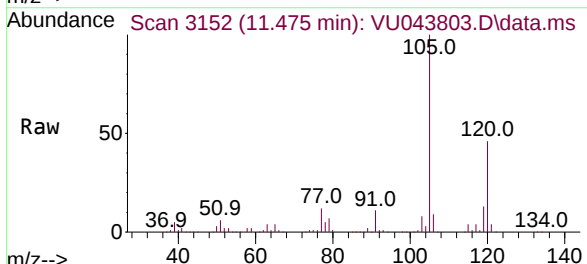
Instrument :
MSVOA_U
ClientSampled :

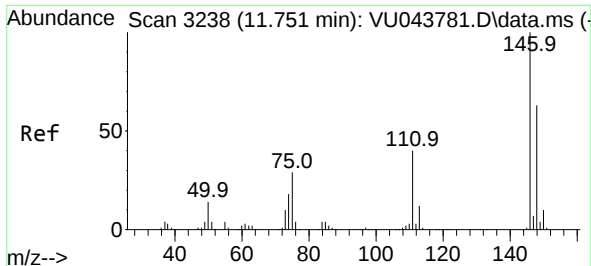
Tgt Ion:105 Resp: 294397
Ion Ratio Lower Upper
105 100
120 48.9 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.36 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion:105 Resp: 306726
Ion Ratio Lower Upper
105 100
120 45.4 36.0 54.0

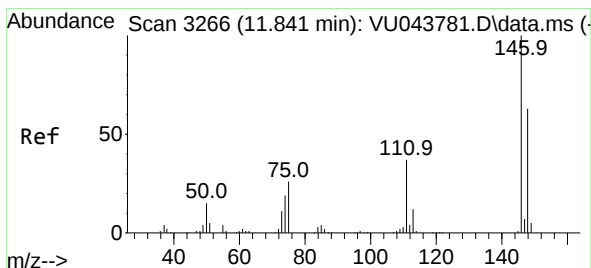
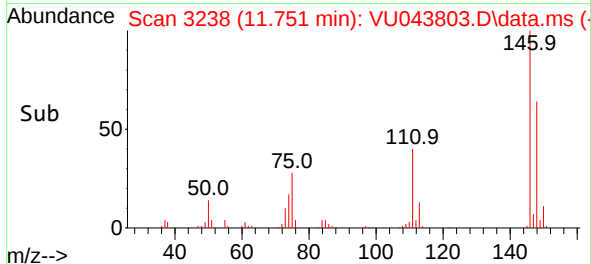
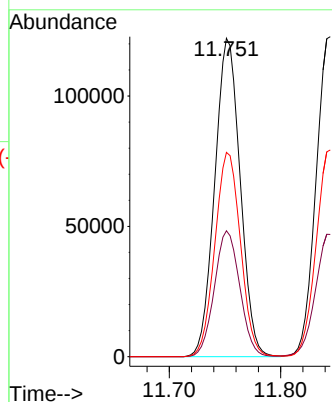
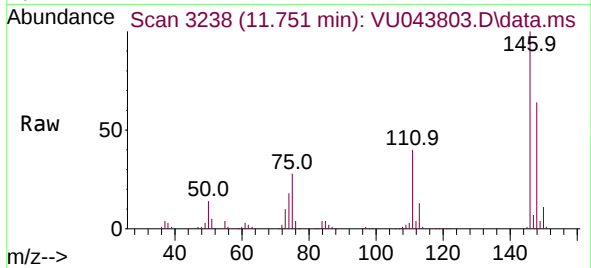




#64
1,3-Dichlorobenzene
Concen: 5.42 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

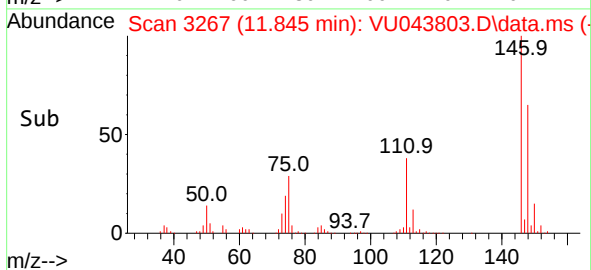
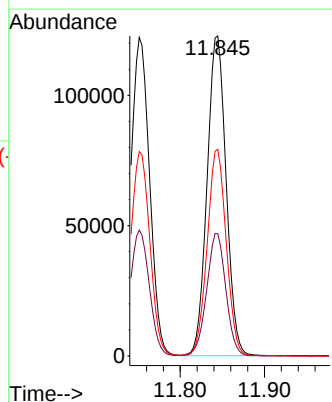
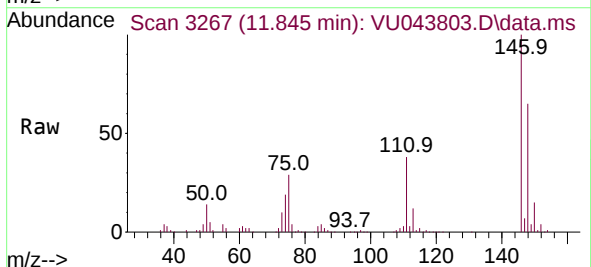
Instrument :
MSVOA_U
ClientSampled :

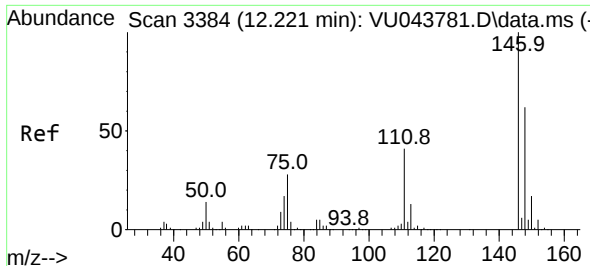
Tgt Ion:146 Resp: 193932
Ion Ratio Lower Upper
146 100
111 39.5 28.1 52.1
148 64.2 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.37 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion:146 Resp: 192780
Ion Ratio Lower Upper
146 100
111 38.2 27.0 50.2
148 64.6 45.0 83.6

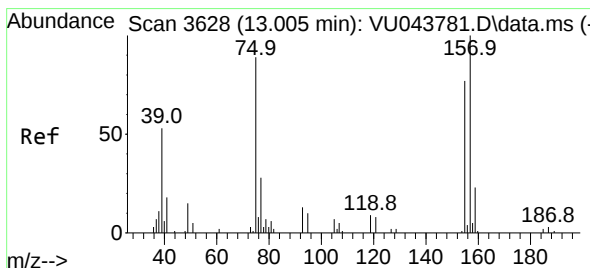
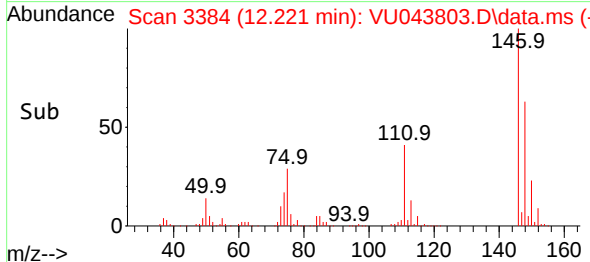
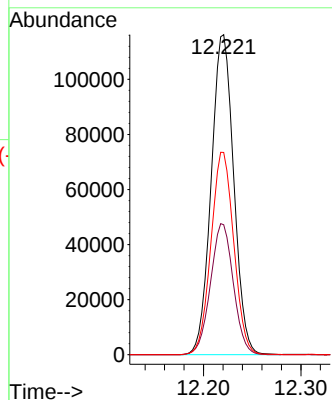
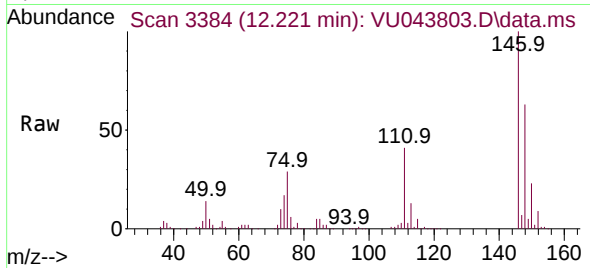




#67
1,2-Dichlorobenzene
Concen: 5.44 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

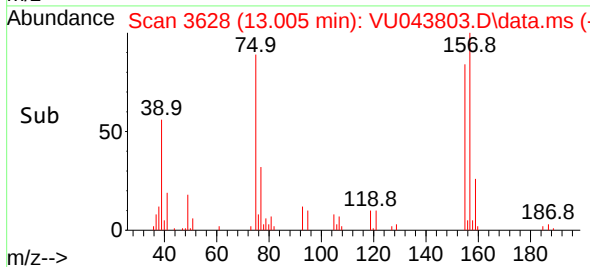
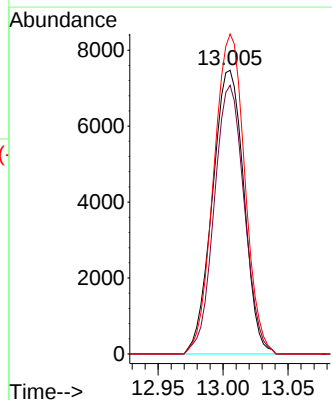
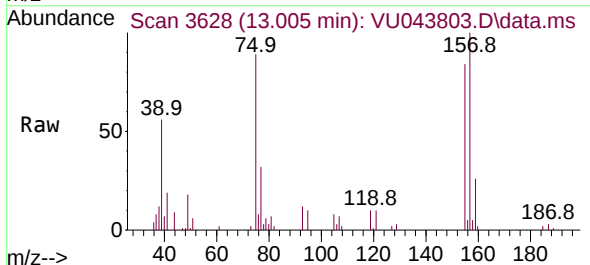
Instrument :
MSVOA_U
ClientSampled :

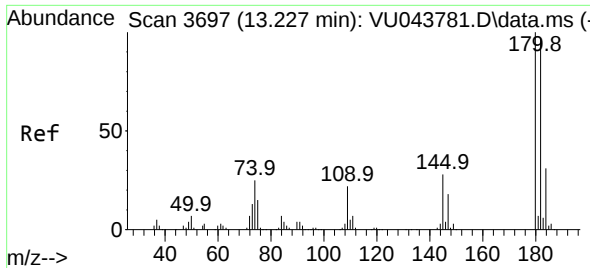
Tgt Ion:146 Resp: 186918
Ion Ratio Lower Upper
146 100
111 40.6 33.6 50.4
148 63.2 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.08 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion: 75 Resp: 12575
Ion Ratio Lower Upper
75 100
155 94.7 68.7 103.1
157 112.8 87.7 131.5

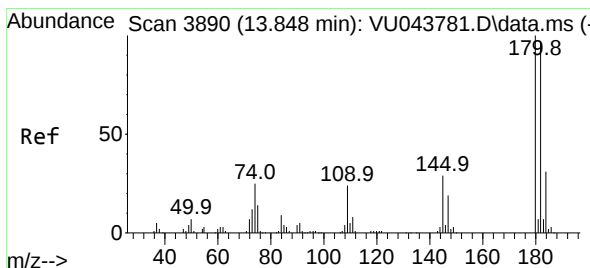
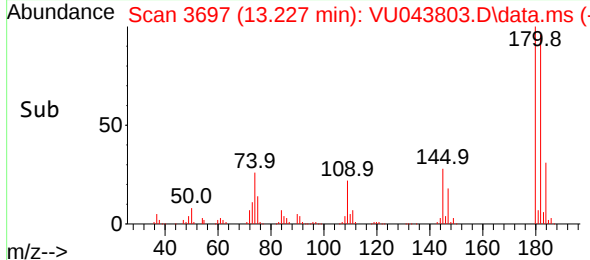
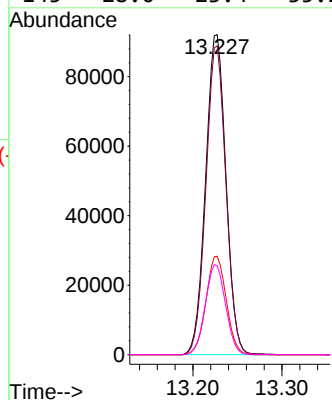
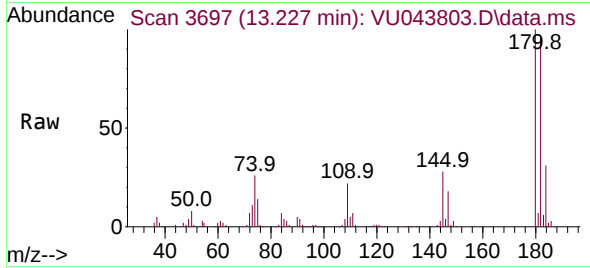




#69
1,3,5-Trichlorobenzene
Concen: 5.11 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

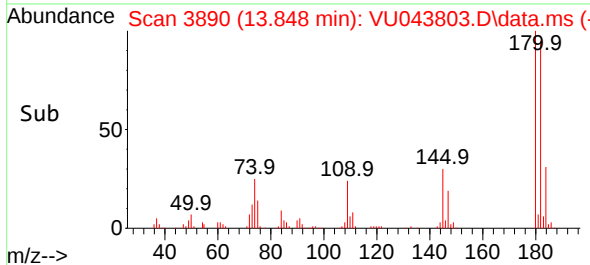
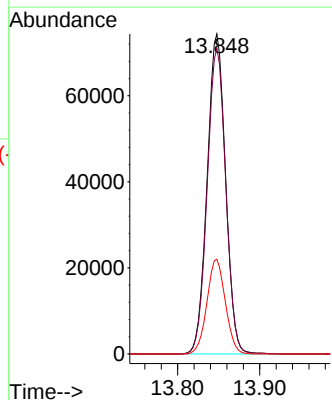
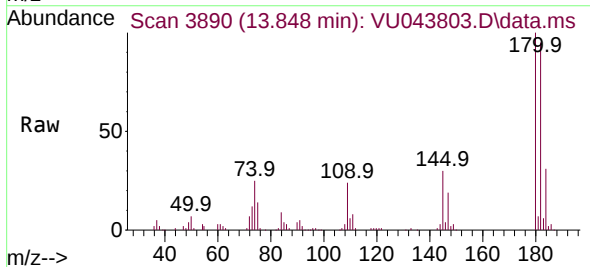
Instrument :
MSVOA_U
ClientSampled :

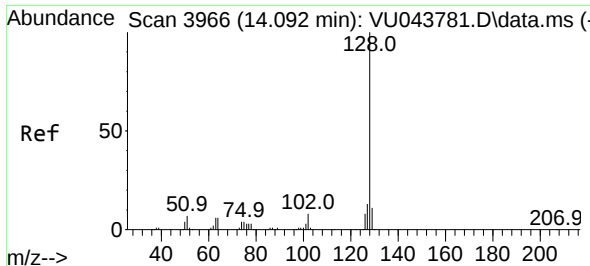
Tgt Ion:180 Resp: 145845
Ion Ratio Lower Upper
180 100
182 94.8 78.2 117.2
184 30.7 24.8 37.2
145 28.0 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 4.93 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion:180 Resp: 116047
Ion Ratio Lower Upper
180 100
182 95.9 76.9 115.3
145 29.5 23.0 34.4

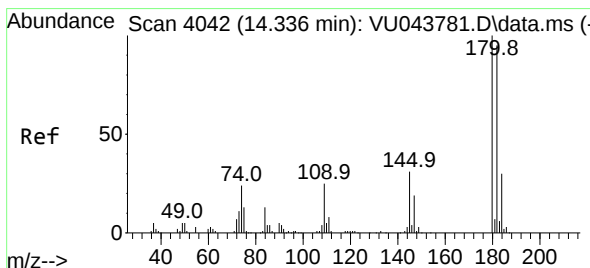
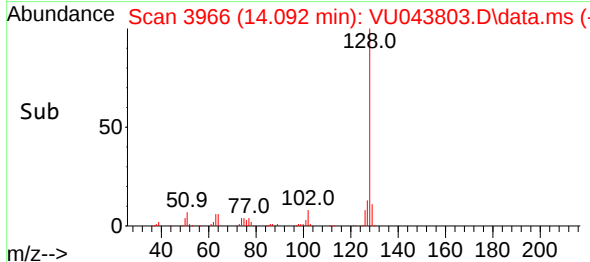
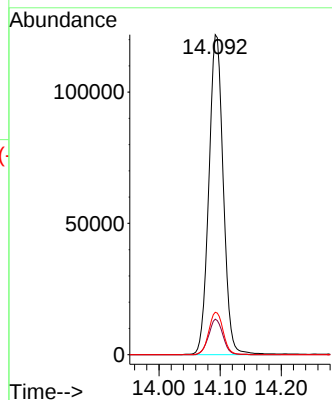
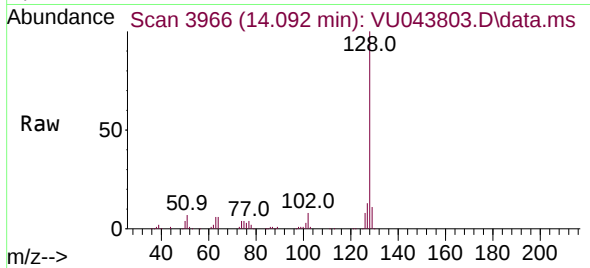




#71
Naphthalene
Concen: 4.83 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 200120
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.31 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043803.D
Acq: 18 May 2021 09:41

Tgt Ion:180 Resp: 118455
Ion Ratio Lower Upper
180 100
182 93.8 77.0 115.4
145 30.9 24.6 36.8

