

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
 Data File : VU043801.D
 Acq On : 17 May 2021 19:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 18 03:12:59 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	6.256	114	241251	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	237016	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	129261	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	75362	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.919	69	54234	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.572	65	33127	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.646	46	155764	46.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.10%
24) Chloroform-d	5.073	84	140184	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.710	65	68079	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.736	84	292070	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.700	67	89629	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.906	98	269663	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloroprop...	8.186	79	33728	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.642	63	150793	47.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.02%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72844	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	100126	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	91723	5.22	ug/L	100
3) Chloromethane	1.520	50	102802	4.99	ug/L	98
5) Vinyl chloride	1.607	62	105429	5.15	ug/L	98
6) Bromomethane	1.861	94	57873	4.79	ug/L	97
8) Chloroethane	1.938	64	56545	4.91	ug/L	99
9) Trichlorofluoromethane	2.144	101	122913	5.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	85119	5.26	ug/L	98
12) 1,1-Dichloroethene	2.584	96	85663	5.38	ug/L	97
13) Acetone	2.652	43	101979	47.49	ug/L	96
14) Carbon disulfide	2.800	76	271420	5.10	ug/L	100
15) Methyl Acetate	2.964	43	29961	4.69	ug/L	98
16) Methylene chloride	3.054	84	98733	4.18	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	180626	5.01	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	87619	5.24	ug/L	98
19) 1,1-Dichloroethane	3.880	63	158435	5.24	ug/L	99
21) 2-Butanone	4.726	43	187714	45.72	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	93543	5.32	ug/L	97
23) Bromochloromethane	4.983	128	44749	5.40	ug/L	93
25) Chloroform	5.099	83	160407	5.36	ug/L	100

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Quant Time: May 18 03:12:59 2021
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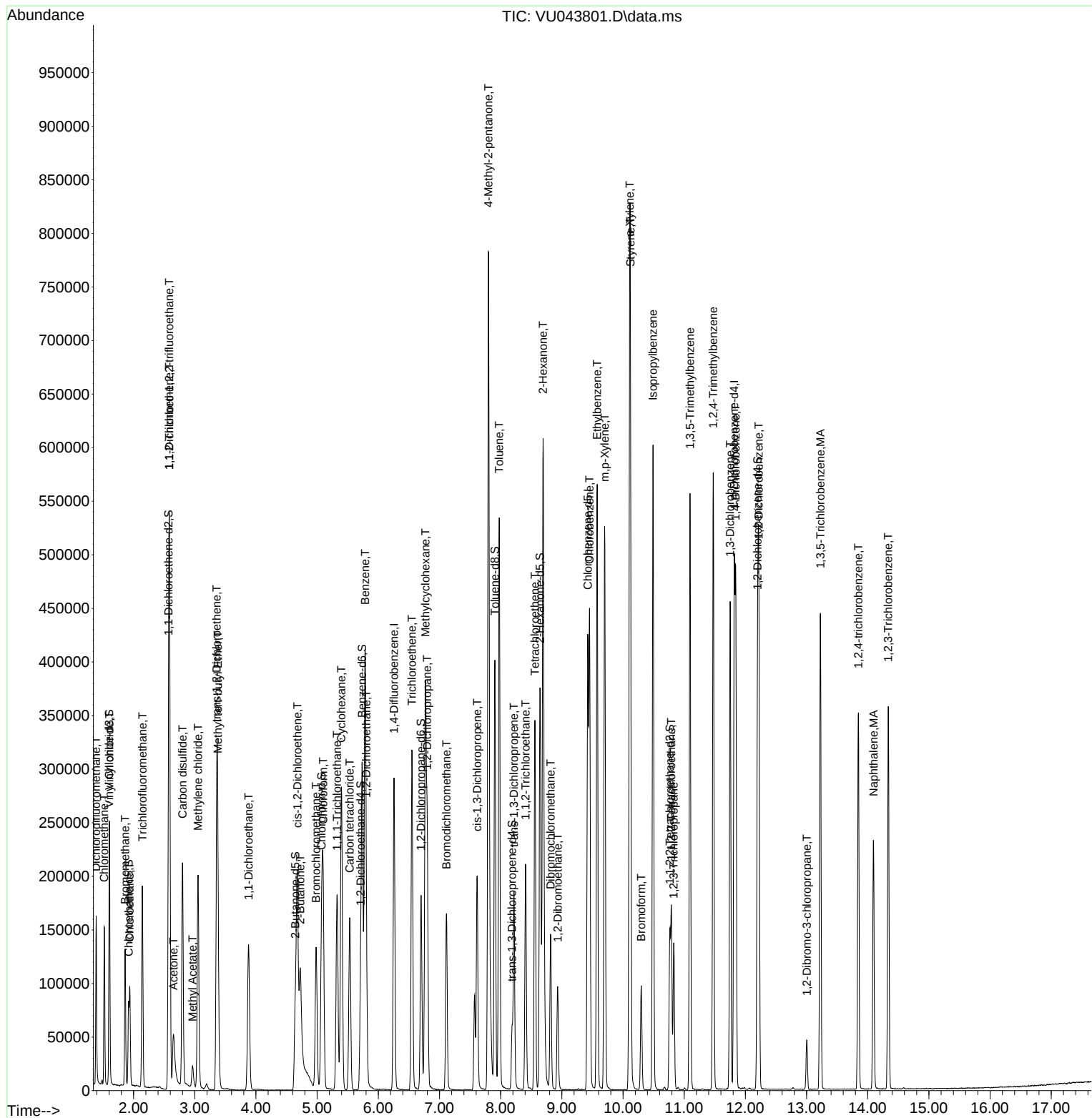
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	93783	5.08	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	132823	5.37	ug/L	99
30) Cyclohexane	5.398	56	138459	5.05	ug/L	98
31) Carbon tetrachloride	5.533	117	110798	5.37	ug/L	99
33) Benzene	5.784	78	367549	5.36	ug/L	100
34) Trichloroethene	6.549	95	109760	6.24	ug/L	97
35) Methylcyclohexane	6.771	83	137622	5.03	ug/L	98
37) 1,2-Dichloropropane	6.800	63	95529	5.33	ug/L	100
38) Bromodichloromethane	7.115	83	110325	5.27	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	122222	5.13	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	554937	48.52	ug/L	98
42) Toluene	7.977	91	394489	5.48	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	104383	5.08	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	68068	5.28	ug/L	97
47) Tetrachloroethene	8.559	164	82712	5.82	ug/L	99
48) 2-Hexanone	8.694	43	414157	48.82	ug/L	99
49) Dibromochloromethane	8.816	129	78388	5.45	ug/L	98
50) 1,2-Dibromoethane	8.931	107	63390	5.23	ug/L	97
51) Chlorobenzene	9.452	112	241221	5.36	ug/L	99
52) Ethylbenzene	9.578	91	386652	5.25	ug/L	99
53) m,p-Xylene	9.700	106	155032	5.53	ug/L	98
54) o-Xylene	10.108	106	145945	5.45	ug/L	99
55) Styrene	10.121	104	253124	5.61	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	83708	5.12	ug/L	98
59) Bromoform	10.298	173	45877	5.27	ug/L	99
60) Isopropylbenzene	10.491	105	384304	5.41	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	60507	4.90	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	301646	5.28	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	314330	5.37	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	194565	5.32	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	190888	5.20	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	185048	5.27	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	12443	4.91	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	147921	5.07	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	117178	4.87	ug/L	99
71) Naphthalene	14.095	128	192849	4.55	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	114105	5.01	ug/L	100

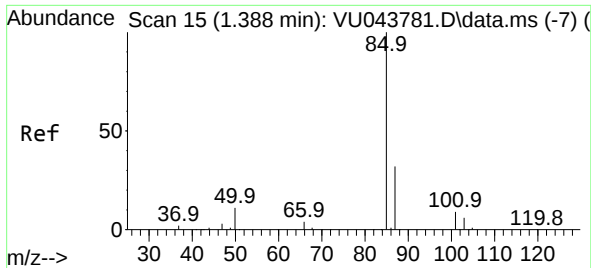
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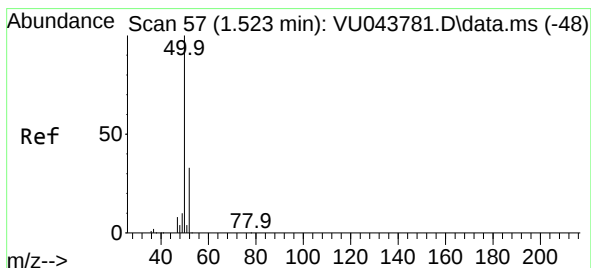
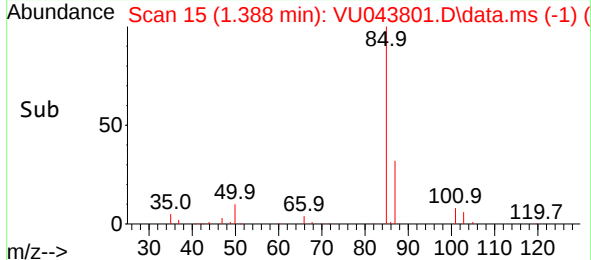
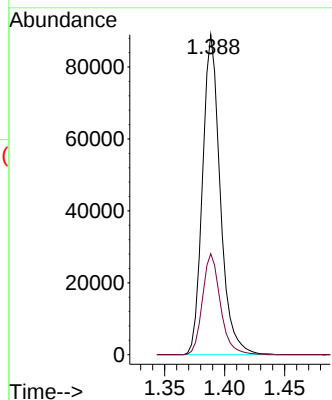
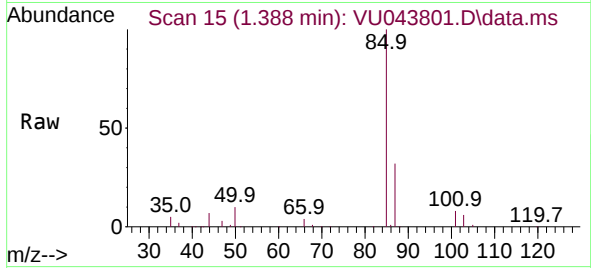




#2
Dichlorodifluoromethane
Concen: 5.22 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

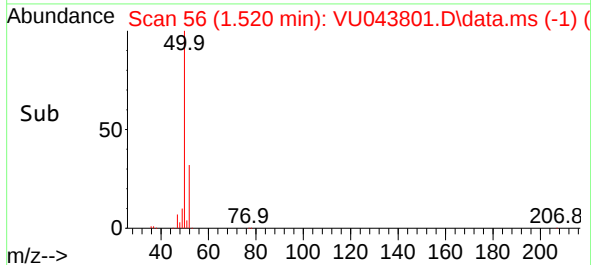
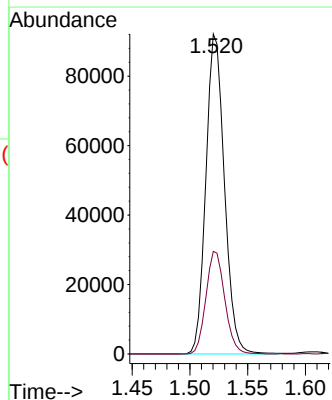
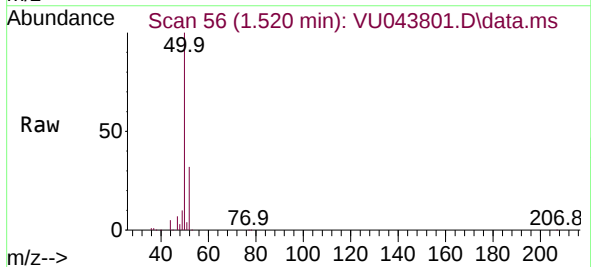
Instrument :
MSVOA_U
ClientSampled :

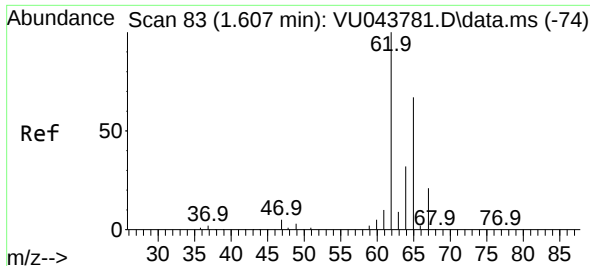
Tgt Ion: 85 Resp: 91723
Ion Ratio Lower Upper
85 100
87 31.9 25.5 38.3



#3
Chloromethane
Concen: 4.99 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion: 50 Resp: 102802
Ion Ratio Lower Upper
50 100
52 32.1 23.2 43.2

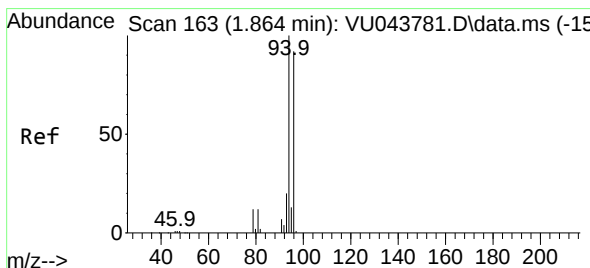
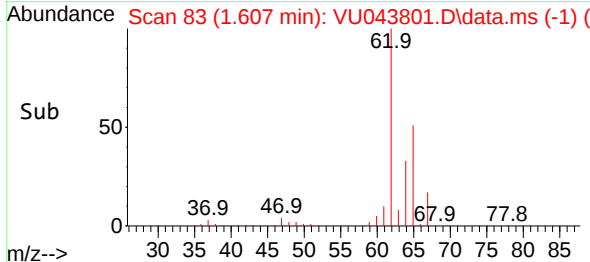
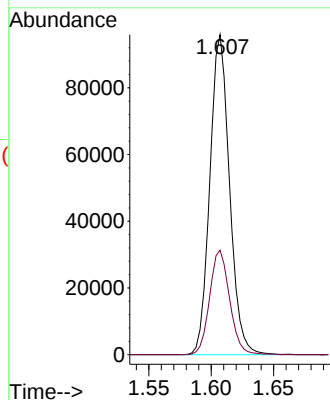
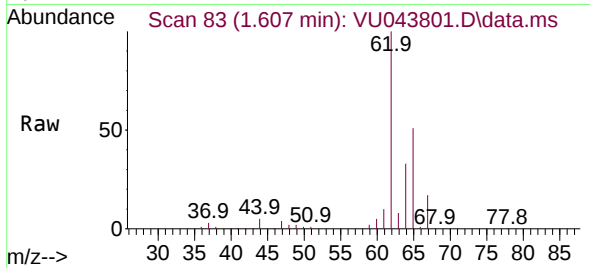




#5
 Vinyl chloride
 Concen: 5.15 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043801.D
 Acq: 17 May 2021 19:25

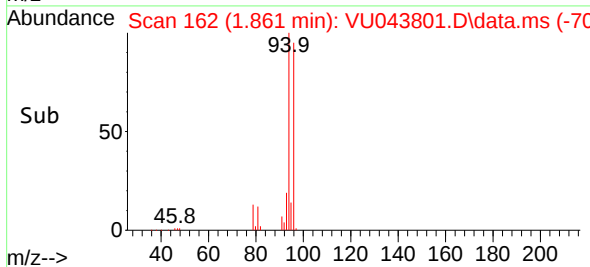
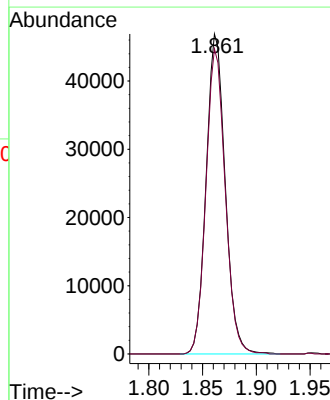
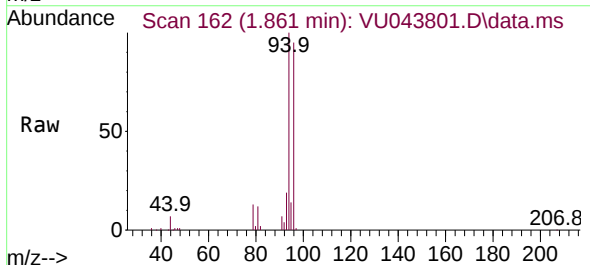
Instrument :
 MSVOA_U
 ClientSampled :

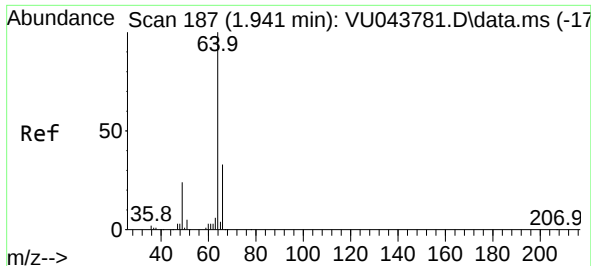
Tgt Ion: 62 Resp: 105429
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.1 41.1



#6
 Bromomethane
 Concen: 4.79 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU043801.D
 Acq: 17 May 2021 19:25

Tgt Ion: 94 Resp: 57873
 Ion Ratio Lower Upper
 94 100
 96 95.3 65.0 120.8

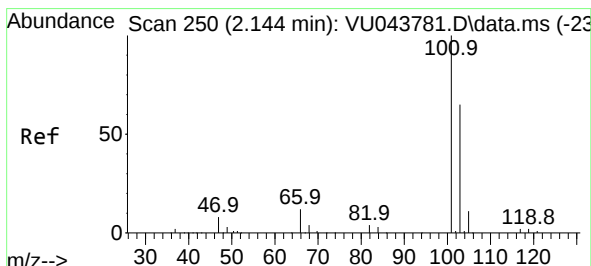
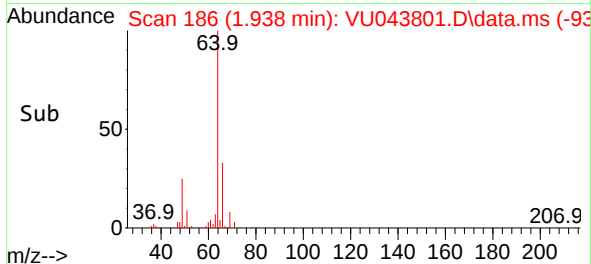
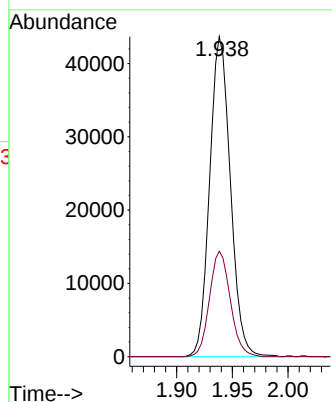
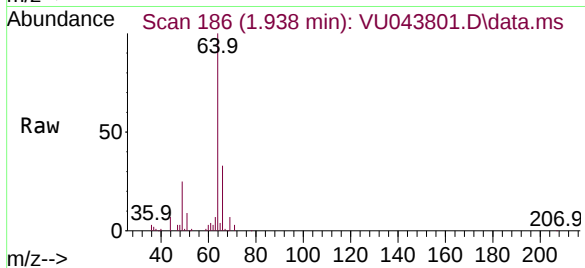




#8
Chloroethane
Concen: 4.91 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

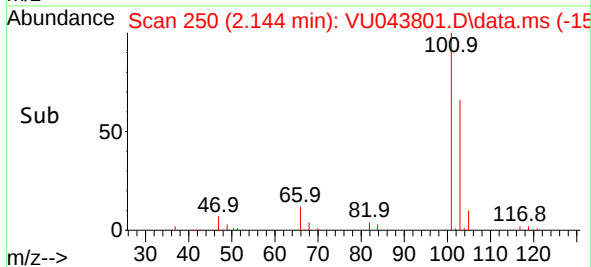
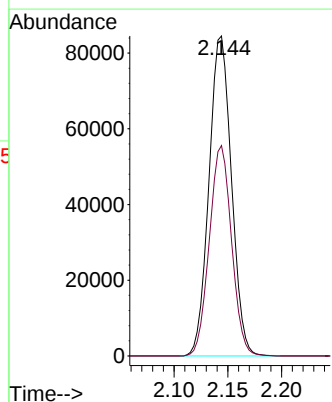
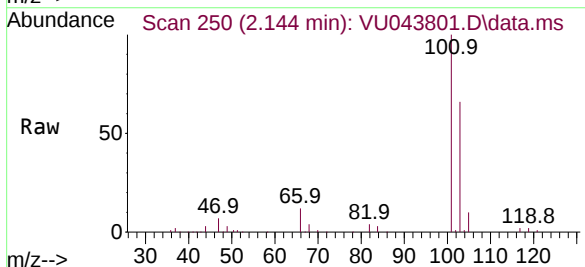
Instrument :
MSVOA_U
ClientSampled :

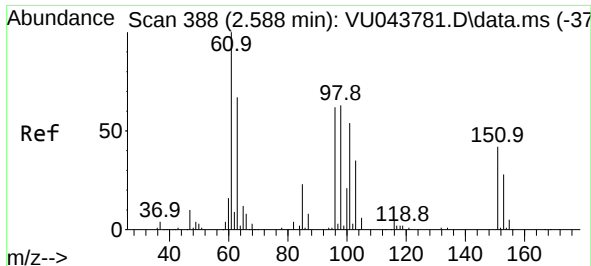
Tgt Ion: 64 Resp: 56545
Ion Ratio Lower Upper
64 100
66 33.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 5.17 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion:101 Resp: 122913
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.26 ug/L

RT: 2.584 min Scan# 387

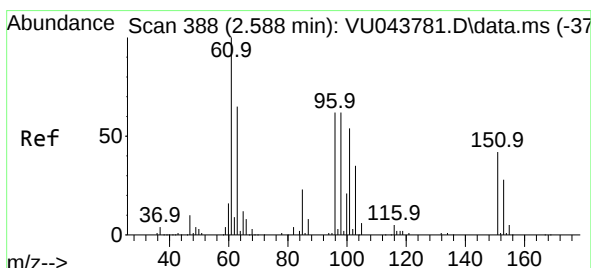
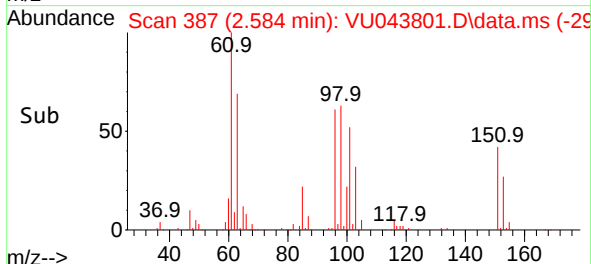
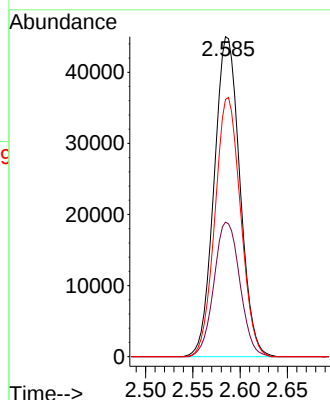
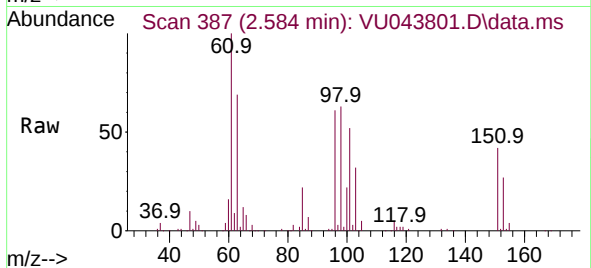
Delta R.T. -0.003 min

Lab File: VU043801.D

Acq: 17 May 2021 19:25

Tgt Ion:	101	Resp:	85119
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.3	51.5
151	80.7	62.7	94.1

Instrument :
MSVOA_U
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 5.38 ug/L

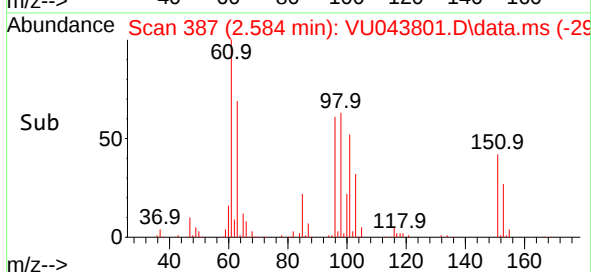
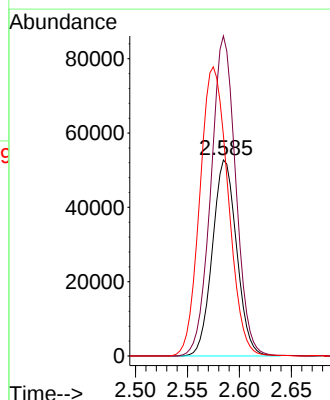
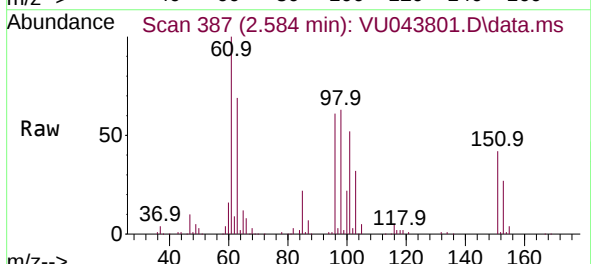
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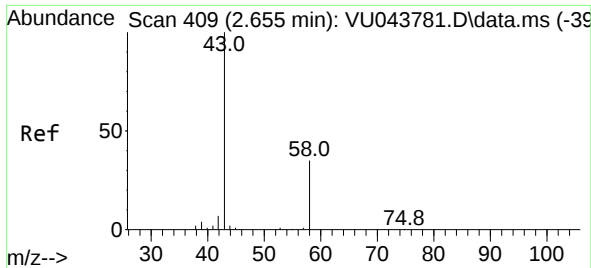
Delta R.T. -0.003 min

Lab File: VU043801.D

Acq: 17 May 2021 19:25

Tgt Ion:	96	Resp:	85663
Ion Ratio	Lower	Upper	
96	100		
61	163.3	117.5	218.1
63	112.7	77.3	143.7

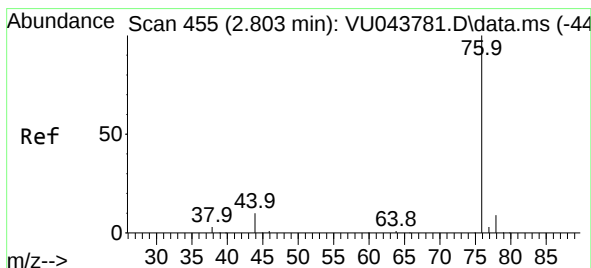
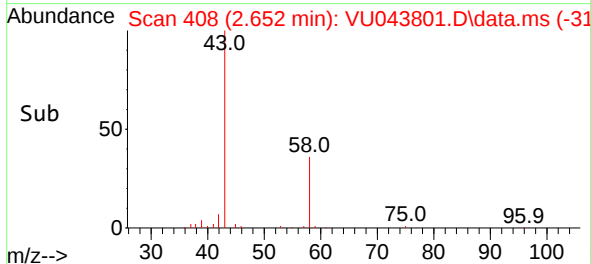
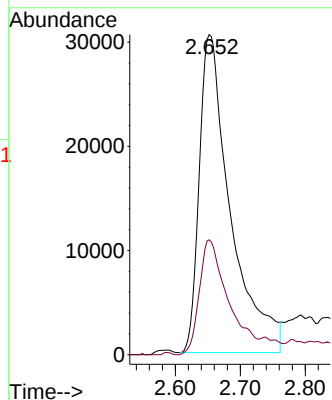
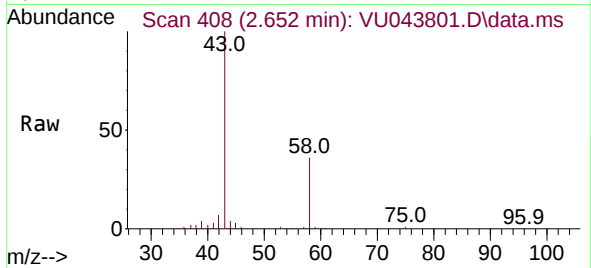




#13
Acetone
Concen: 47.49 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

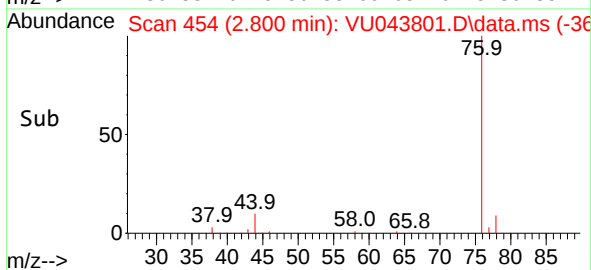
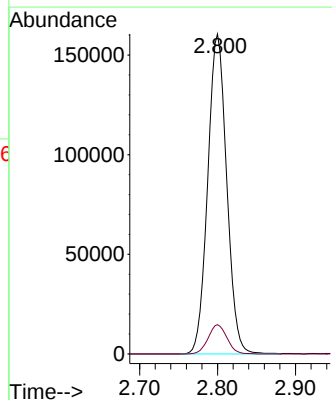
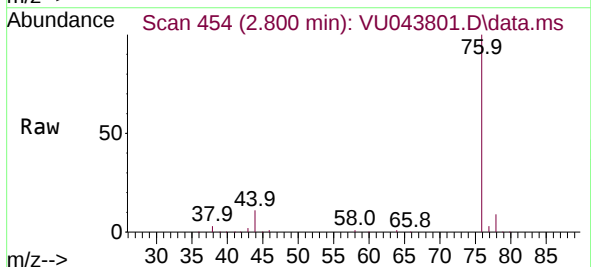
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MSVOA_U
ClientSampled :

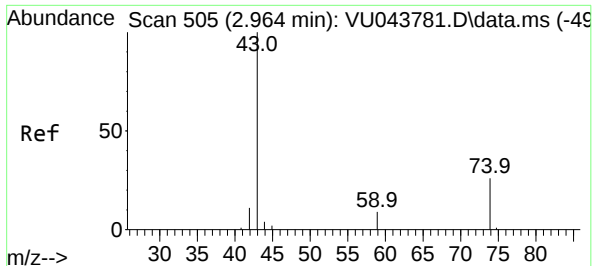
Tgt Ion: 43 Resp: 101979
Ion Ratio Lower Upper
43 100
58 33.7 0.0 71.6



#14
Carbon disulfide
Concen: 5.10 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
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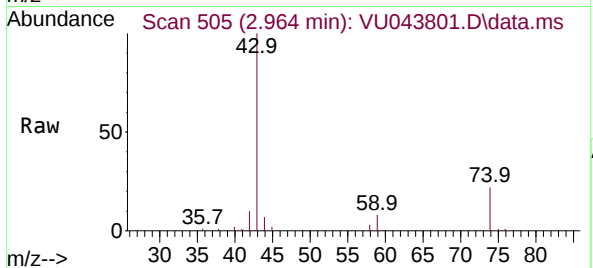
Tgt Ion: 76 Resp: 271420
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



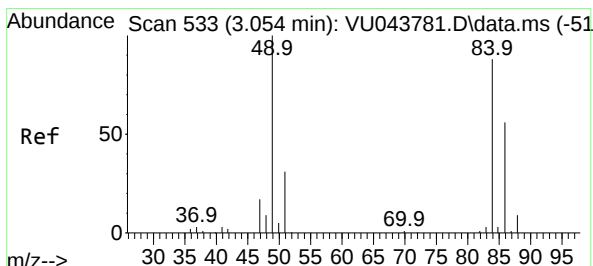
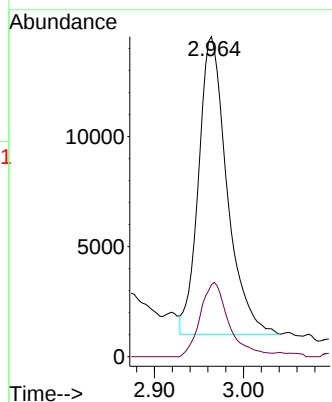
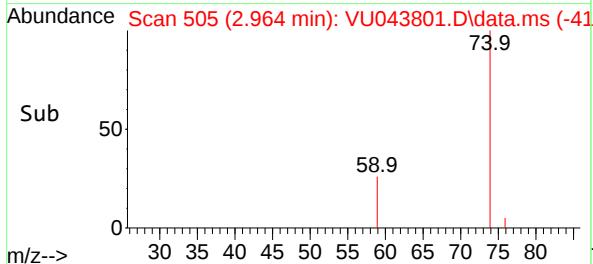


#15
Methyl Acetate
Concen: 4.69 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

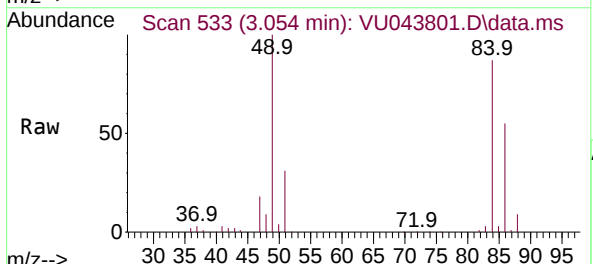
Instrument :
MSVOA_U
ClientSampled :



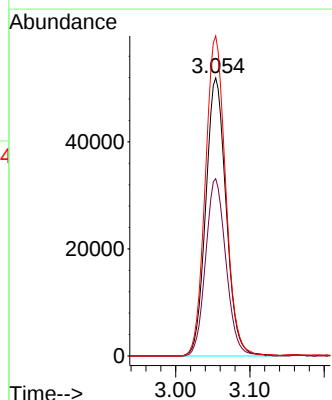
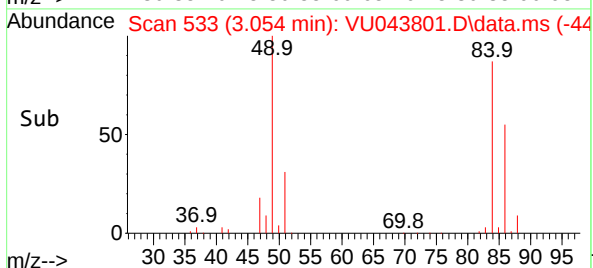
Tgt Ion: 43 Resp: 29961
Ion Ratio Lower Upper
43 100
74 25.2 19.3 28.9

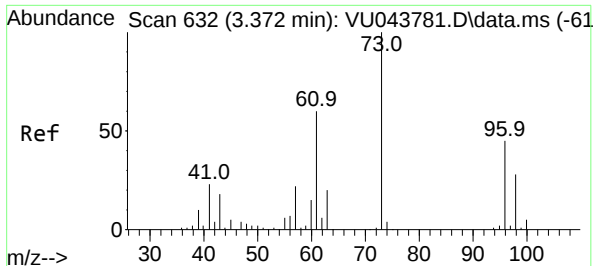


#16
Methylene chloride
Concen: 4.18 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25



Tgt Ion: 84 Resp: 98733
Ion Ratio Lower Upper
84 100
86 63.7 44.7 82.9
49 115.1 83.1 154.3

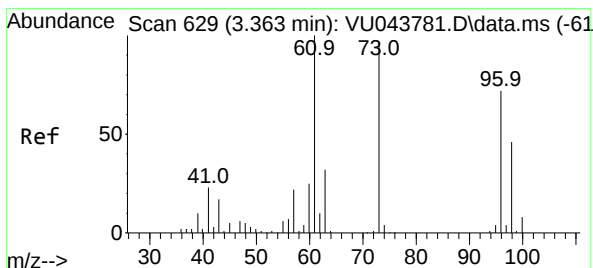
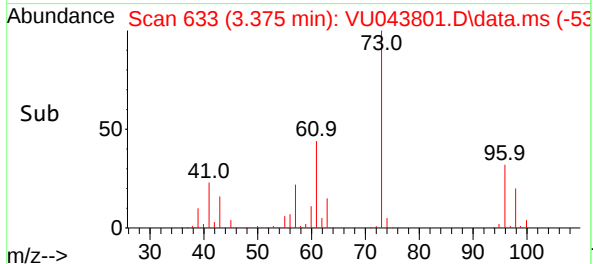
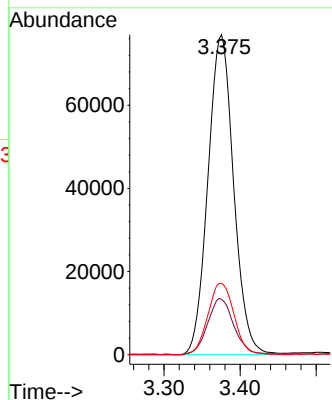
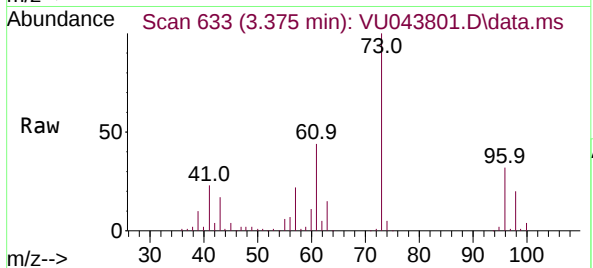




#17
Methyl tert-butyl Ether
Concen: 5.01 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

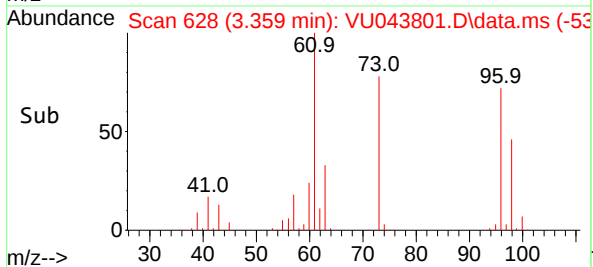
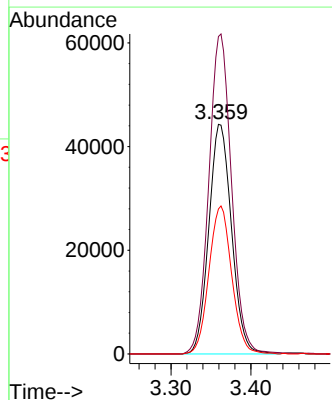
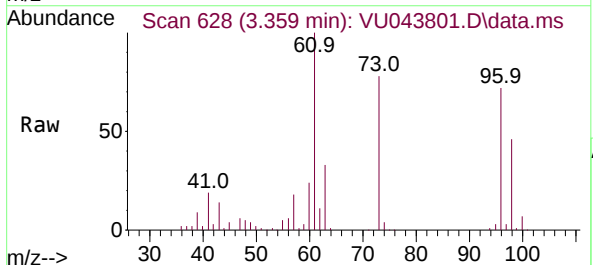
Instrument :
MSVOA_U
ClientSampled :

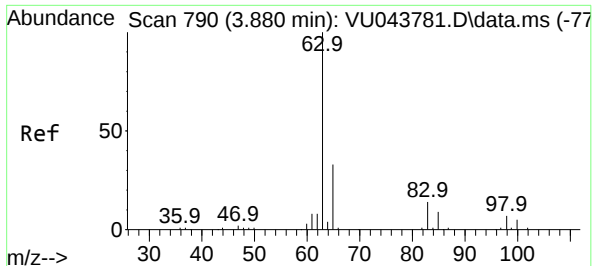
Tgt Ion: 73 Resp: 180626
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.4
57 22.8 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.24 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion: 96 Resp: 87619
Ion Ratio Lower Upper
96 100
61 138.2 99.6 185.0
98 63.1 43.8 81.4





#19

1,1-Dichloroethane

Concen: 5.24 ug/L

RT: 3.880 min Scan# 790

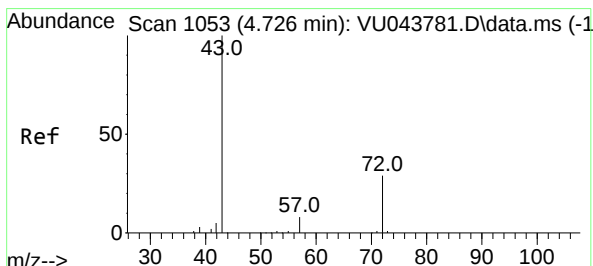
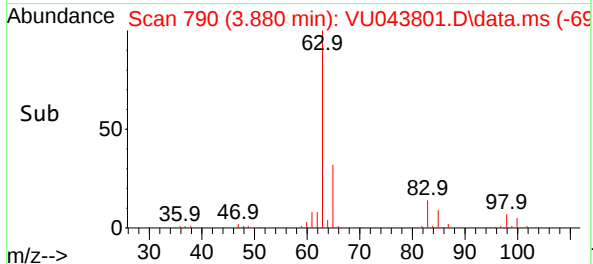
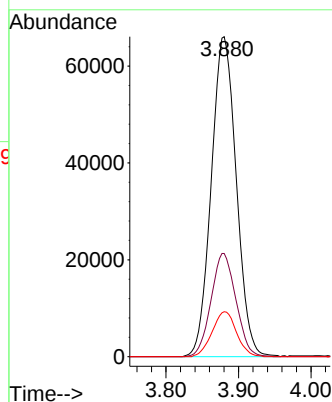
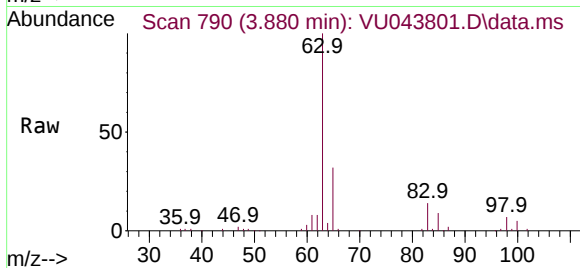
Delta R.T. 0.000 min

Lab File: VU043801.D

Acq: 17 May 2021 19:25

Tgt Ion:	63	Resp:	158435
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.3	41.3
83	14.0	9.0	16.8

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 45.72 ug/L

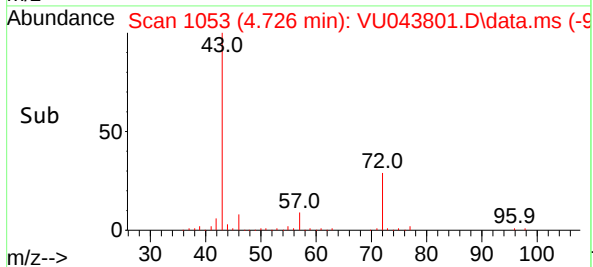
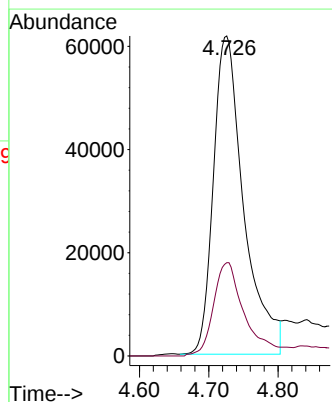
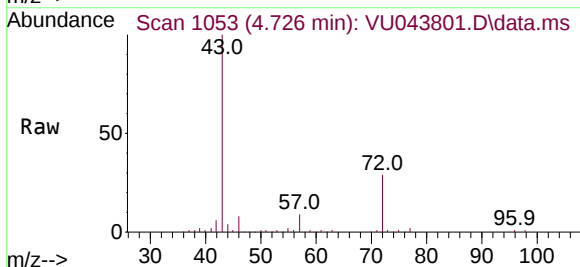
RT: 4.726 min Scan# 1053

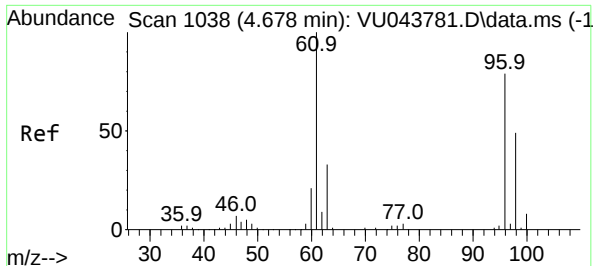
Delta R.T. 0.003 min

Lab File: VU043801.D

Acq: 17 May 2021 19:25

Tgt Ion:	43	Resp:	187714
Ion	Ratio	Lower	Upper
43	100		
72	30.8	14.5	43.6

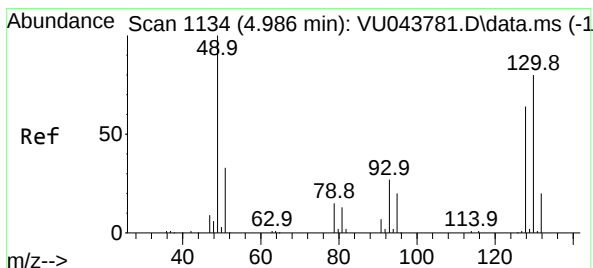
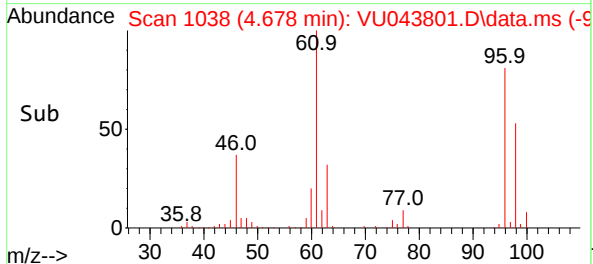
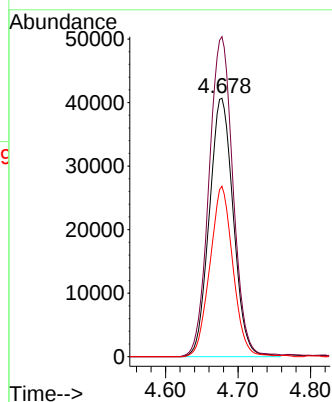
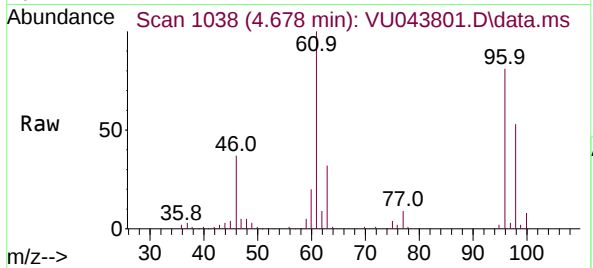




#22
 cis-1,2-Dichloroethene
 Concen: 5.32 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU043801.D
 Acq: 17 May 2021 19:25

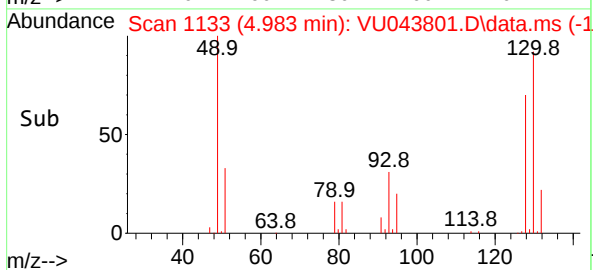
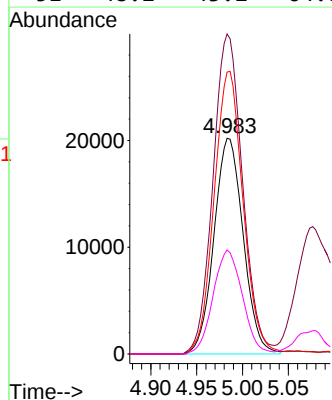
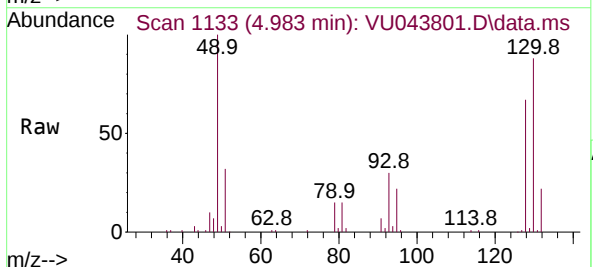
Instrument :
 MSVOA_U
 ClientSampled :

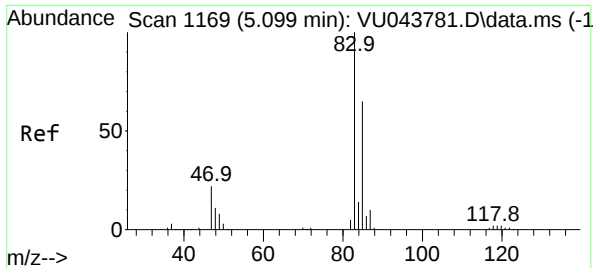
Tgt Ion:	96	Resp:	93543
Ion	Ratio	Lower	Upper
96	100		
61	123.9	89.0	165.4
98	65.9	44.9	83.3



#23
 Bromochloromethane
 Concen: 5.40 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: VU043801.D
 Acq: 17 May 2021 19:25

Tgt Ion:	128	Resp:	44749
Ion	Ratio	Lower	Upper
128	100		
49	148.4	114.7	212.9
130	130.8	91.7	170.3
51	48.2	43.2	64.8



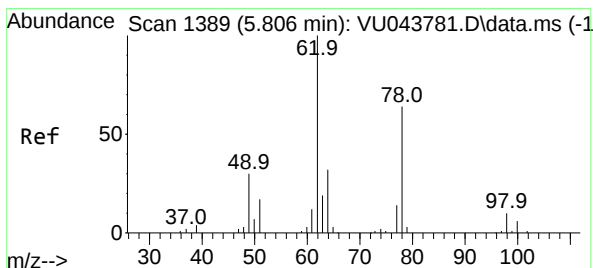
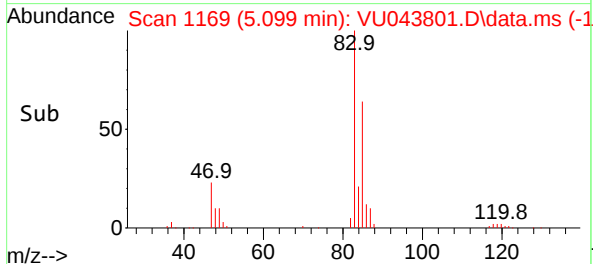
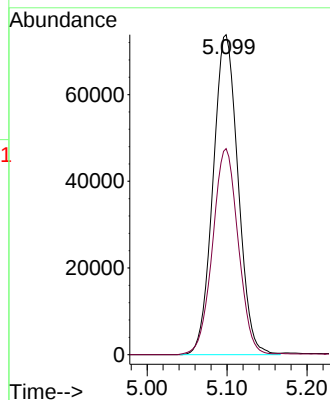
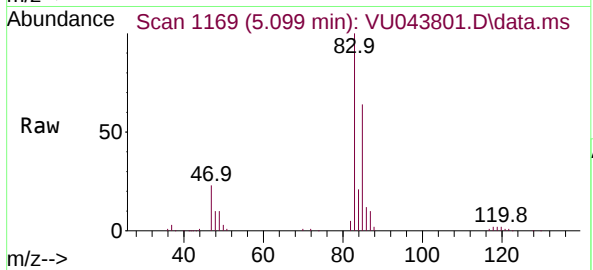


#25

Chloroform
Concen: 5.36 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Instrument :
MSVOA_U
ClientSampled :

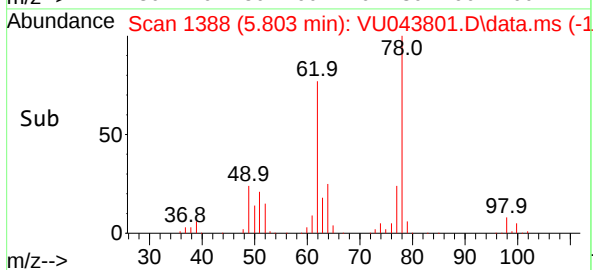
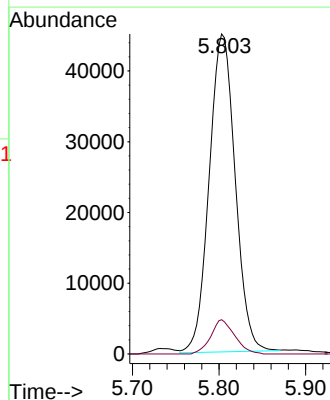
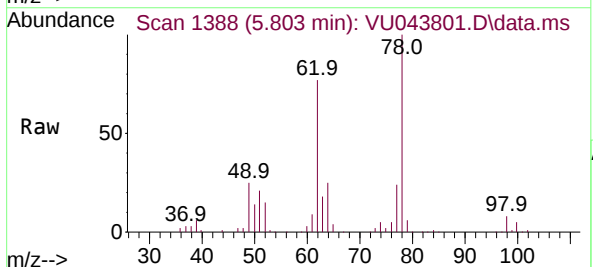
Tgt Ion: 83 Resp: 160407
Ion Ratio Lower Upper
83 100
85 64.4 45.0 83.6

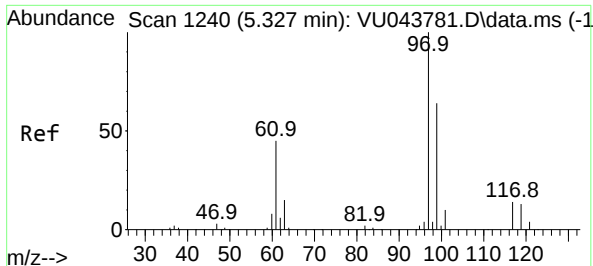


#27

1,2-Dichloroethane
Concen: 5.08 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion: 62 Resp: 93783
Ion Ratio Lower Upper
62 100
98 10.7 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.37 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.000 min

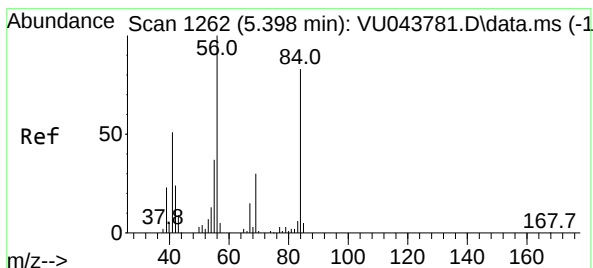
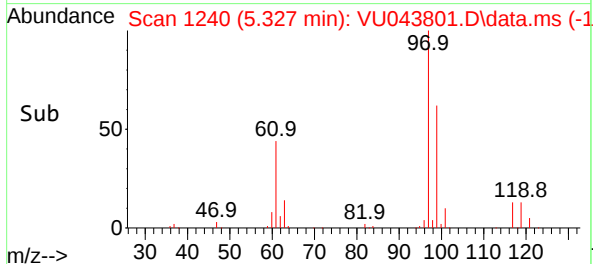
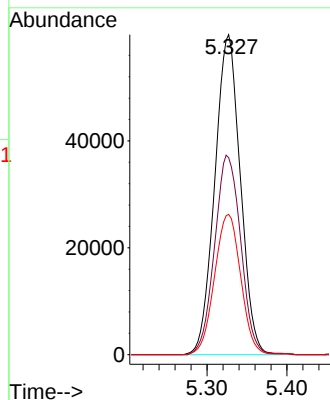
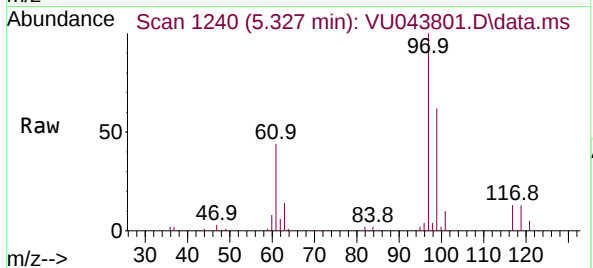
Lab File: VU043801.D

Acq: 17 May 2021 19:25

Tgt Ion: 97 Resp: 132823

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	44.9	37.0	55.4

Instrument :
MSVOA_U
ClientSampled :



#30

Cyclohexane

Concen: 5.05 ug/L

RT: 5.398 min Scan# 1262

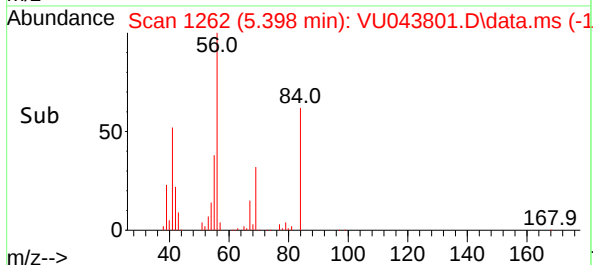
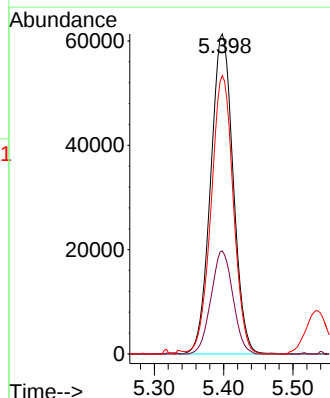
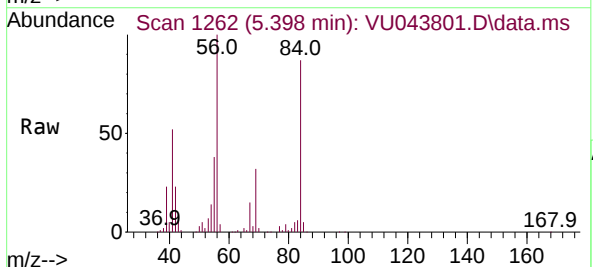
Delta R.T. 0.000 min

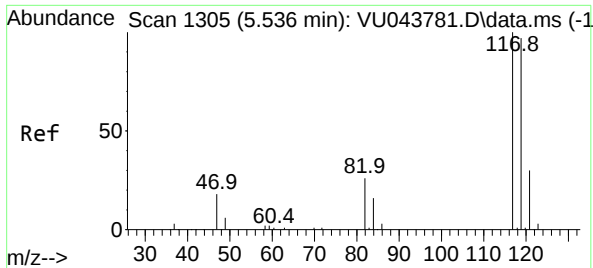
Lab File: VU043801.D

Acq: 17 May 2021 19:25

Tgt Ion: 56 Resp: 138459

Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.8	37.2
84	85.7	66.8	100.2

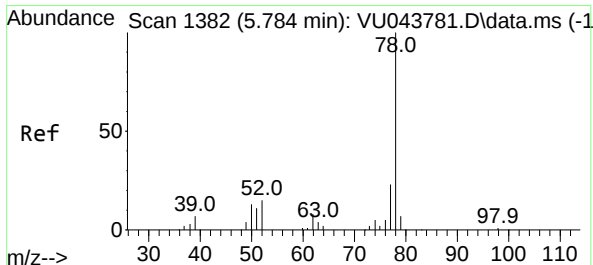
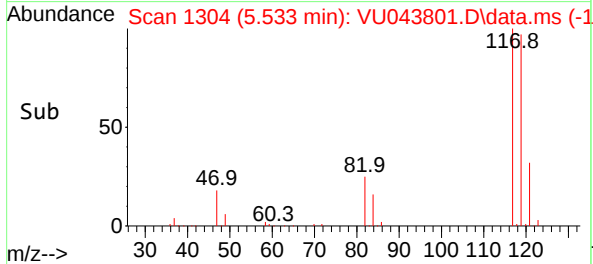
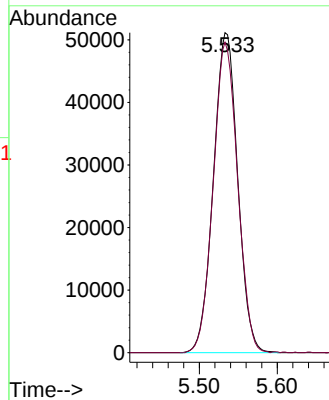
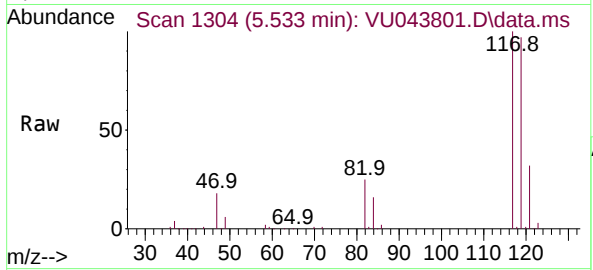




#31
Carbon tetrachloride
Concen: 5.37 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

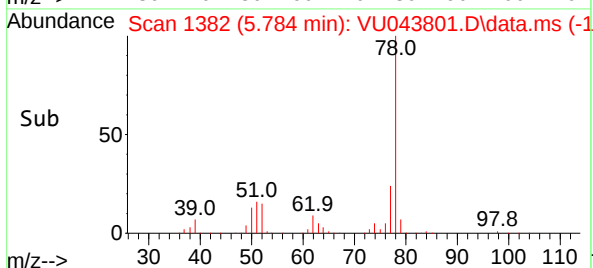
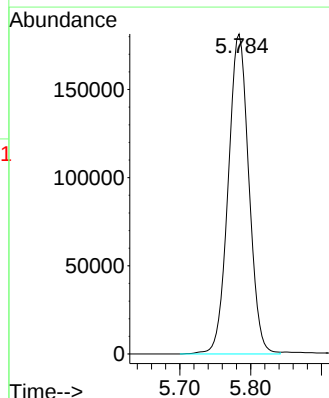
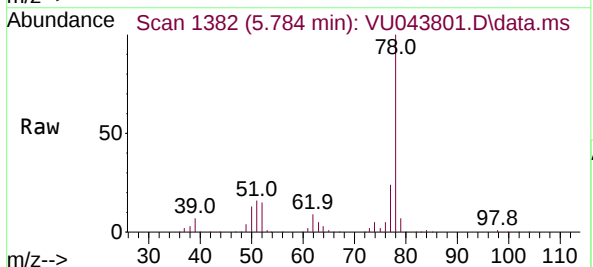
Instrument :
MSVOA_U
ClientSampled :

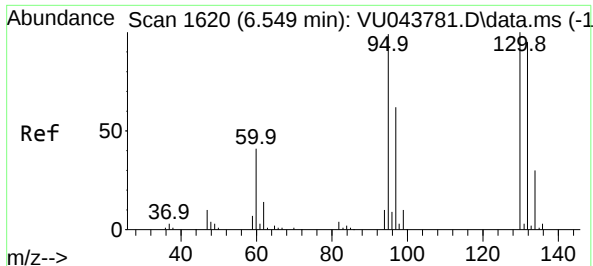
Tgt Ion:117 Resp: 110798
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0



#33
Benzene
Concen: 5.36 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion: 78 Resp: 367549

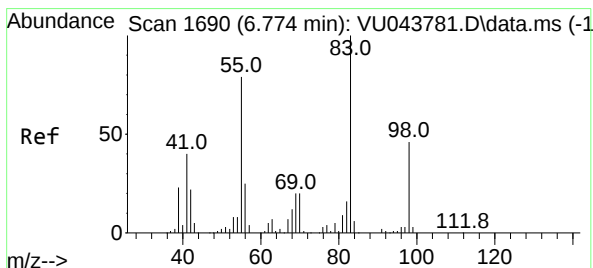
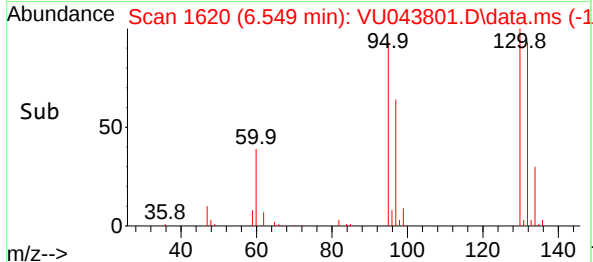
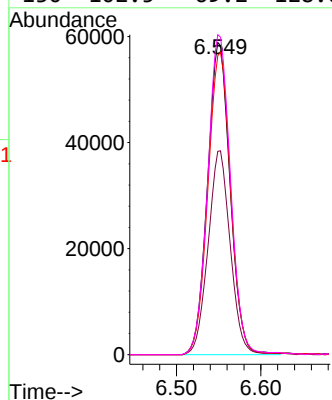
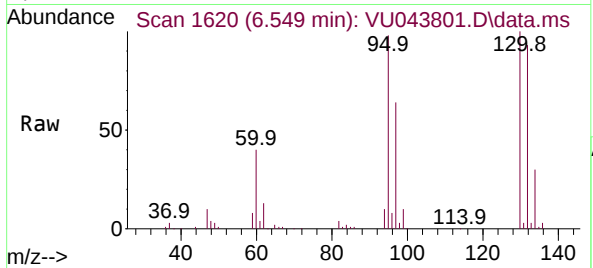




#34
Trichloroethene
Concen: 6.24 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

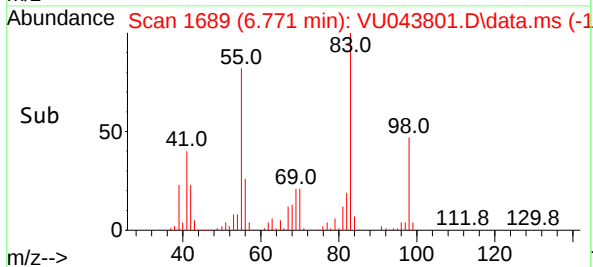
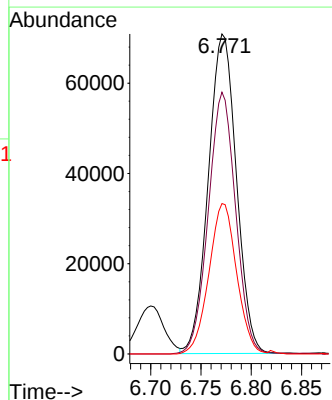
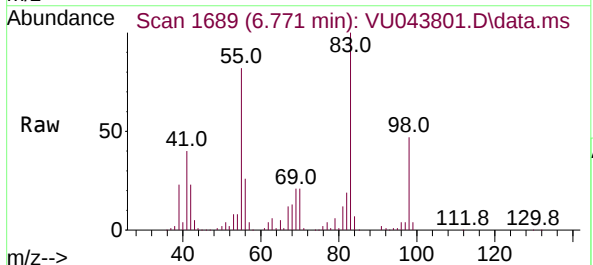
Instrument :
MSVOA_U
ClientSampled :

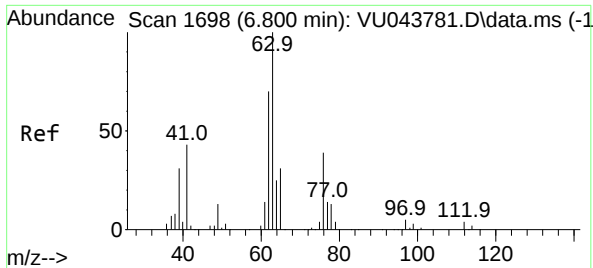
Tgt Ion: 95 Resp: 109760
Ion Ratio Lower Upper
95 100
97 65.1 44.3 82.3
132 95.8 66.0 122.6
130 102.5 69.2 128.6



#35
Methylcyclohexane
Concen: 5.03 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion: 83 Resp: 137622
Ion Ratio Lower Upper
83 100
55 79.9 64.8 97.2
98 46.4 35.9 53.9

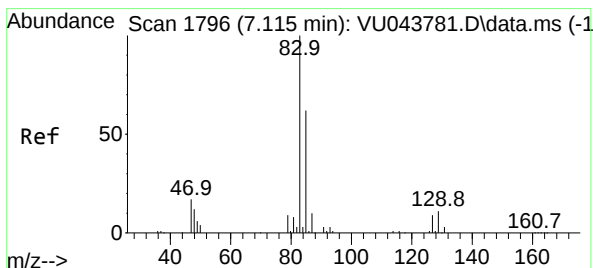
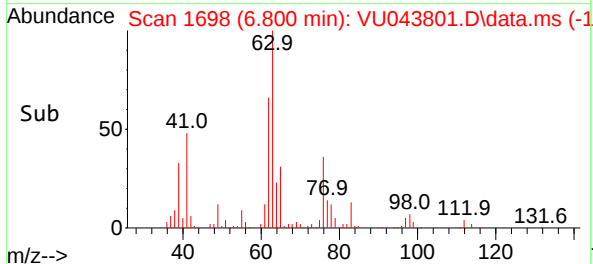
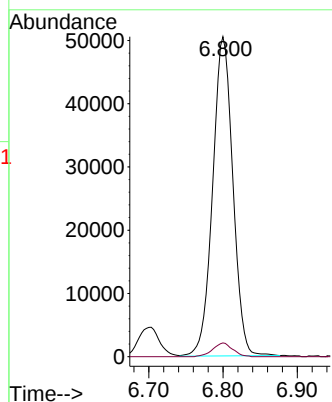
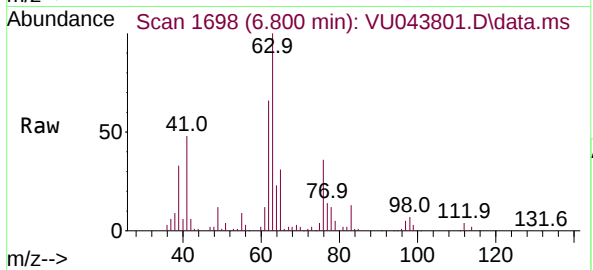




#37
1,2-Dichloropropane
Concen: 5.33 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

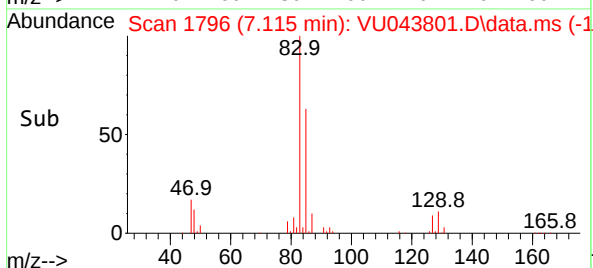
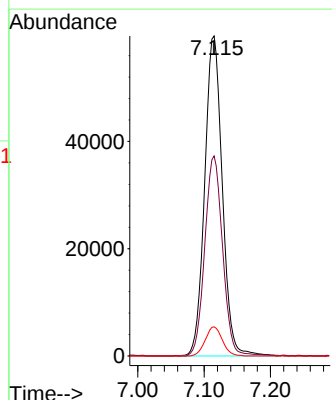
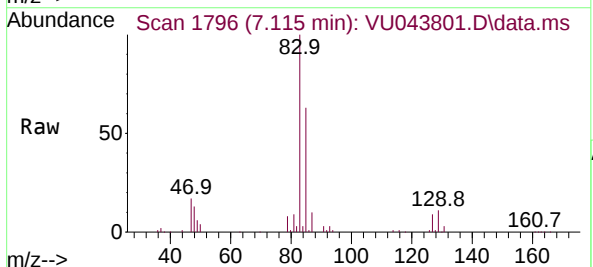
Instrument :
MSVOA_U
ClientSampled :

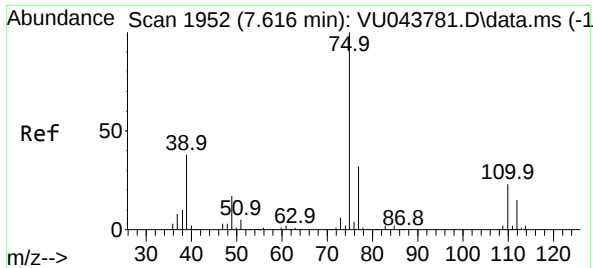
Tgt Ion: 63 Resp: 95529
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 5.27 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion: 83 Resp: 110325
Ion Ratio Lower Upper
83 100
85 62.5 44.6 82.8
127 9.1 7.0 10.4

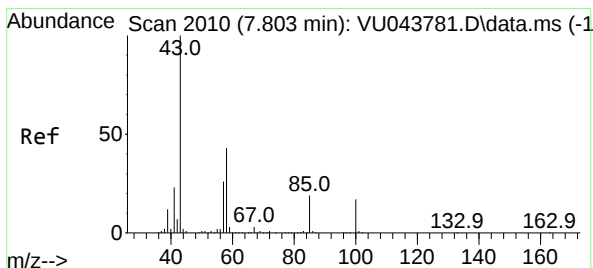
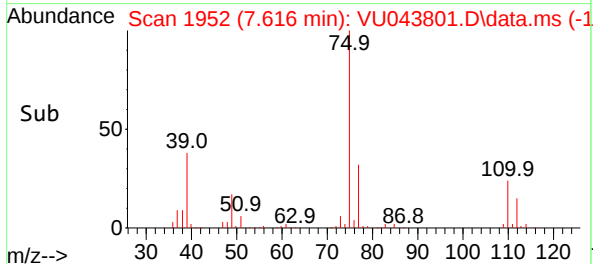
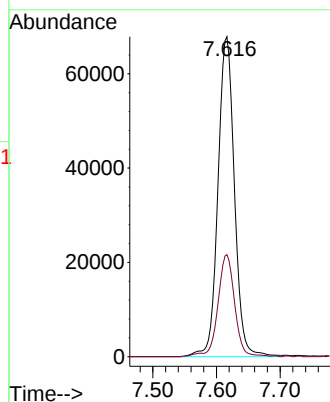
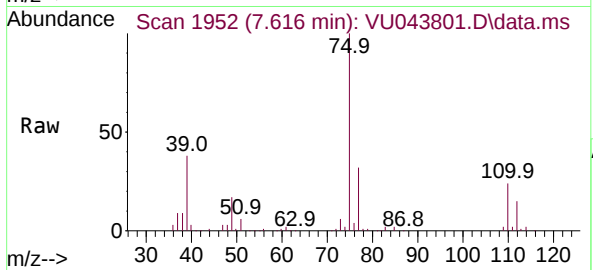




#39
 cis-1,3-Dichloropropene
 Concen: 5.13 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.003 min
 Lab File: VU043801.D
 Acq: 17 May 2021 19:25

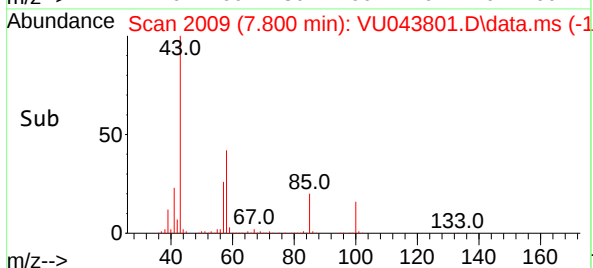
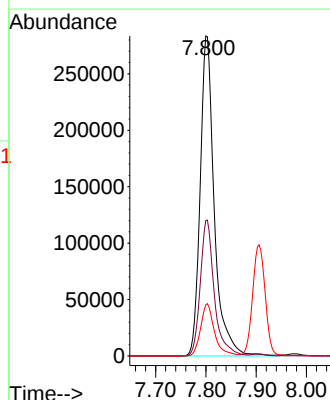
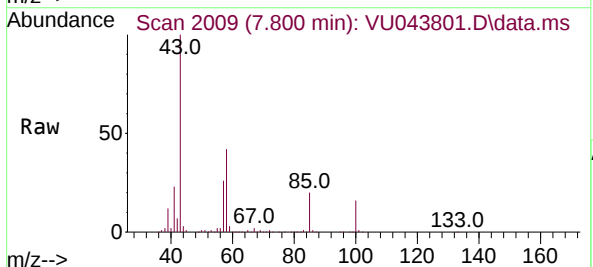
Instrument :
 MSVOA_U
 ClientSampleId :

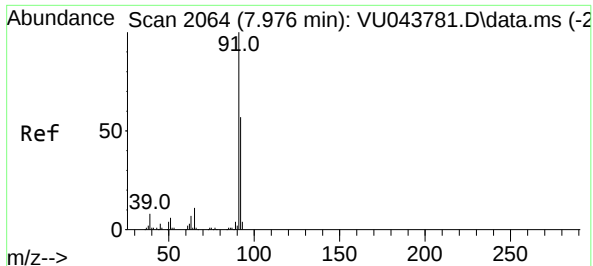
Tgt Ion: 75 Resp: 122222
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 48.52 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: VU043801.D
 Acq: 17 May 2021 19:25

Tgt Ion: 43 Resp: 554937
 Ion Ratio Lower Upper
 43 100
 58 42.1 32.8 49.2
 100 16.0 11.9 17.9

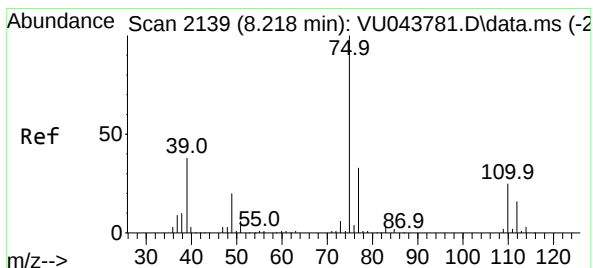
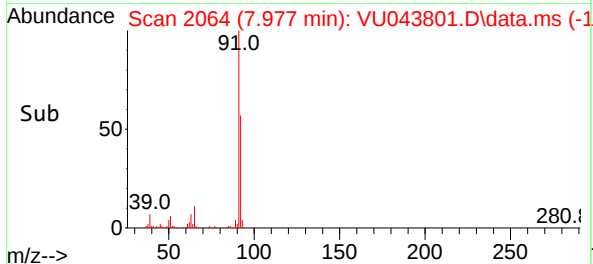
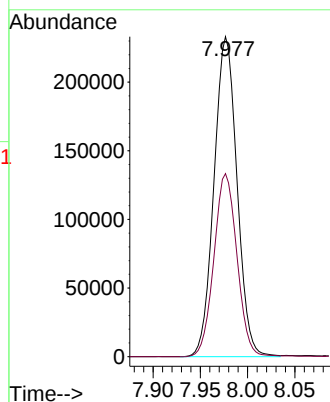
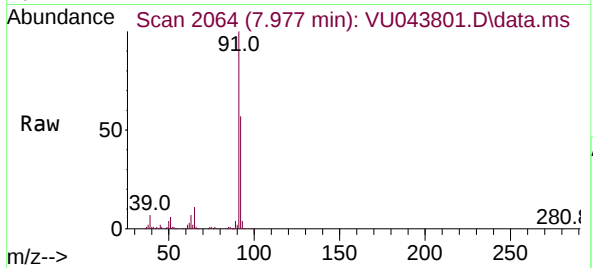




#42
Toluene
Concen: 5.48 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

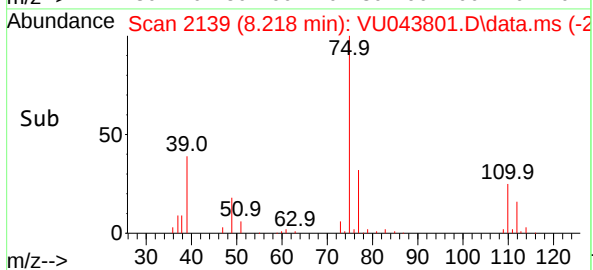
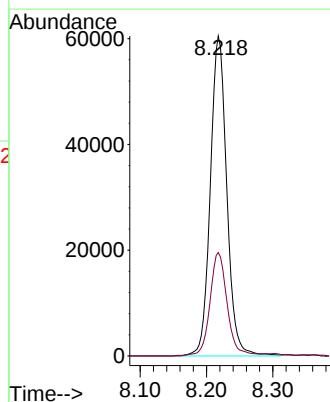
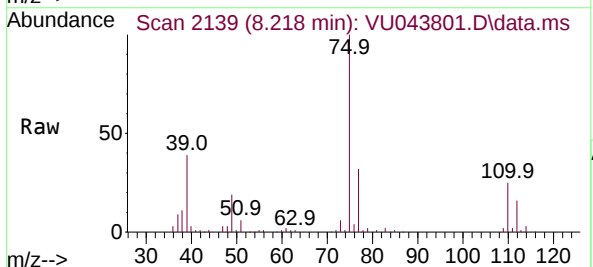
Instrument :
MSVOA_U
ClientSampled :

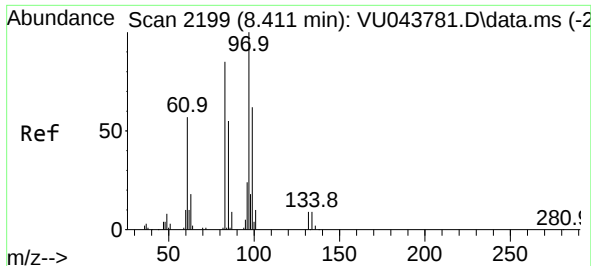
Tgt Ion: 91 Resp: 394489
Ion Ratio Lower Upper
91 100
92 57.2 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 5.08 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion: 75 Resp: 104383
Ion Ratio Lower Upper
75 100
77 32.3 21.5 39.9

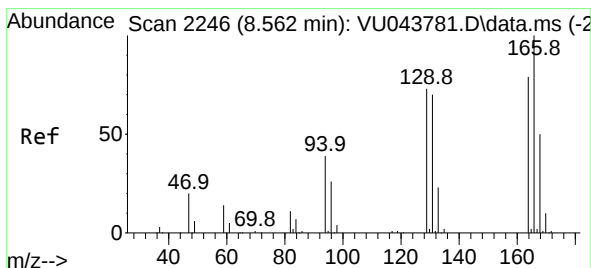
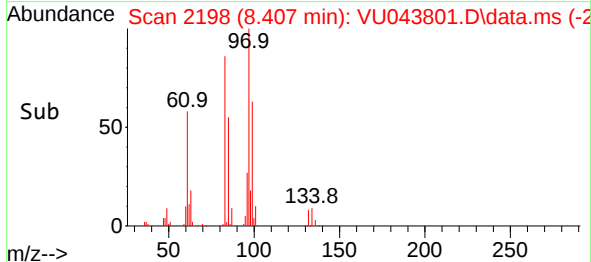
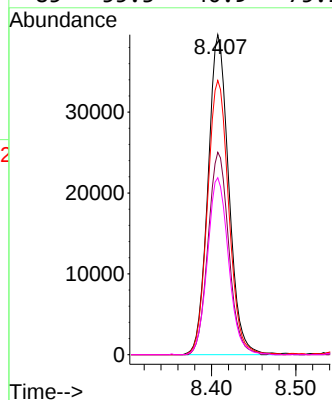
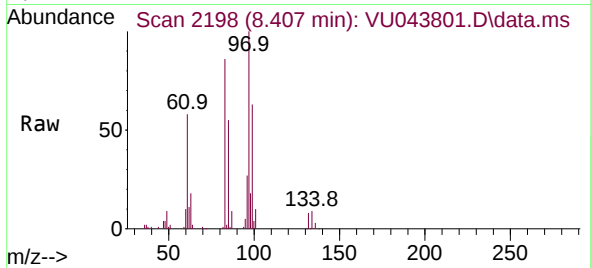




#45
1,1,2-Trichloroethane
Concen: 5.28 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

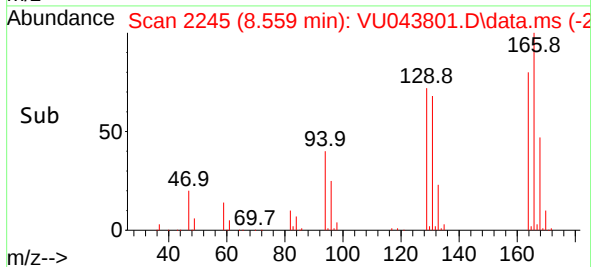
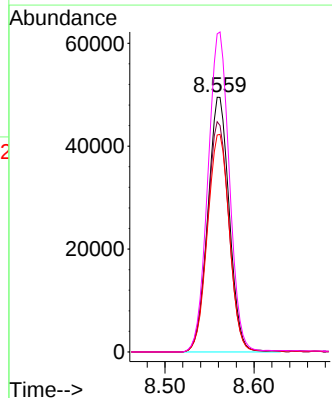
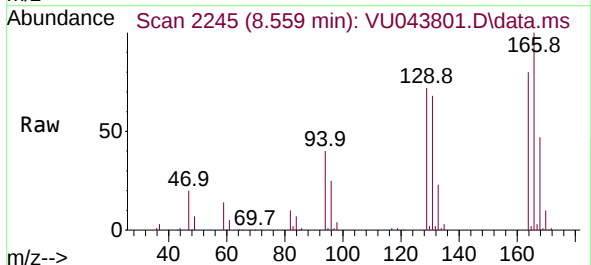
Instrument :
MSVOA_U
ClientSampled :

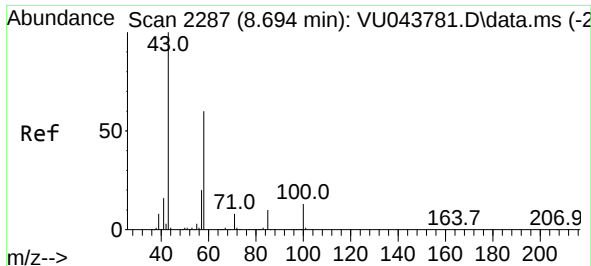
Tgt Ion:	97	Resp:	68068
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.4
83	85.7	62.5	116.1
85	55.3	40.9	75.9



#47
Tetrachloroethene
Concen: 5.82 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion:	164	Resp:	82712
Ion	Ratio	Lower	Upper
164	100		
129	90.4	64.1	119.1
131	85.2	61.2	113.8
166	124.9	87.8	163.2





#48

2-Hexanone

Concen: 48.82 ug/L

RT: 8.694 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VU043801.D

Acq: 17 May 2021 19:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 414157

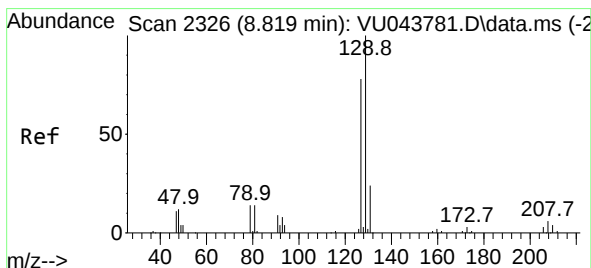
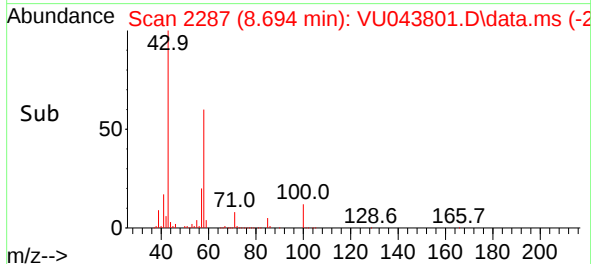
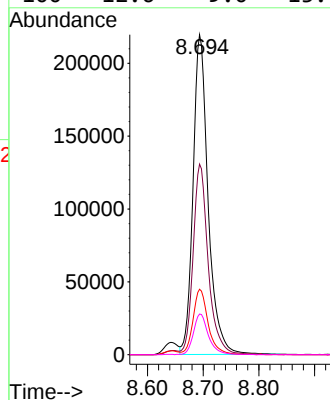
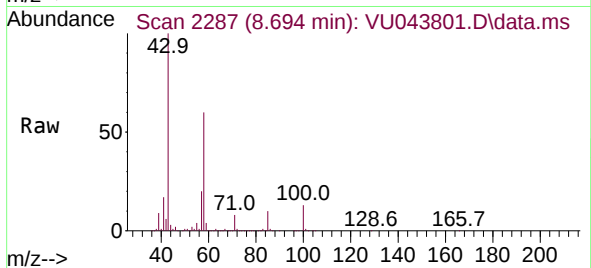
Ion Ratio Lower Upper

43 100

58 58.9 47.0 70.4

57 20.3 15.8 23.8

100 12.6 9.0 13.4



#49

Dibromochloromethane

Concen: 5.45 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VU043801.D

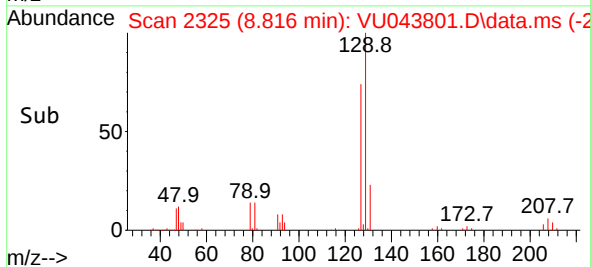
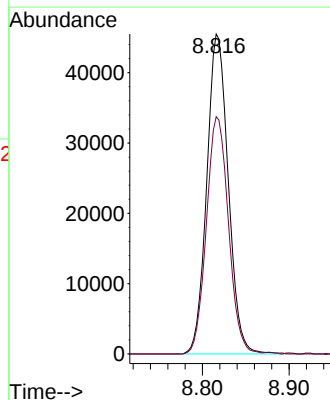
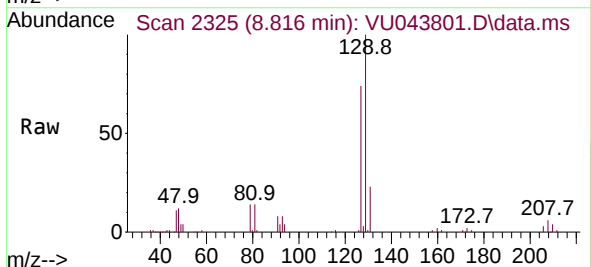
Acq: 17 May 2021 19:25

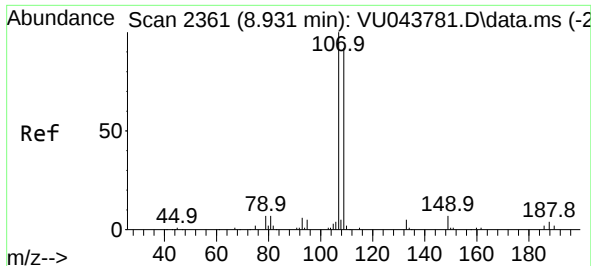
Tgt Ion: 129 Resp: 78388

Ion Ratio Lower Upper

129 100

127 74.2 53.4 99.2





#50

1,2-Dibromoethane

Concen: 5.23 ug/L

RT: 8.931 min Scan# 2361

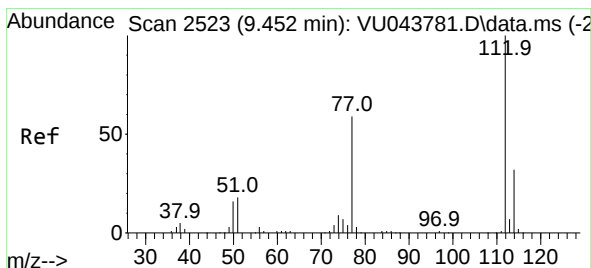
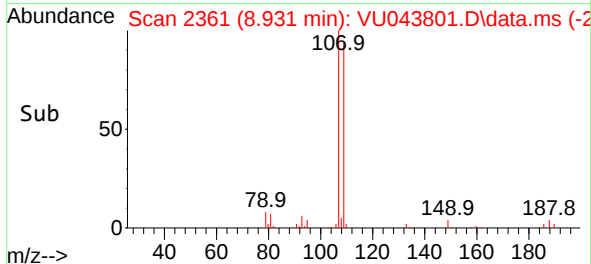
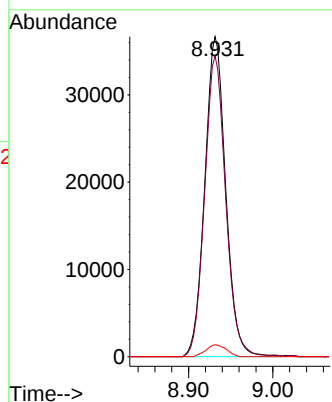
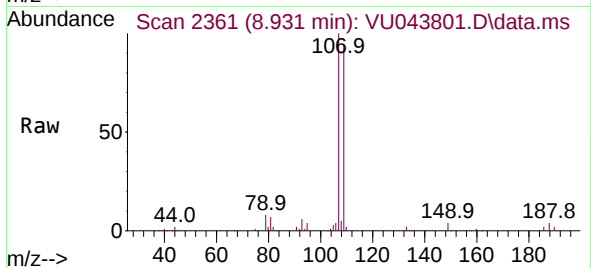
Delta R.T. 0.000 min

Lab File: VU043801.D

Acq: 17 May 2021 19:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	107	Resp:	63390
Ion	Ratio	Lower	Upper
107	100		
109	94.0	67.7	125.7
188	3.7	3.3	4.9



#51

Chlorobenzene

Concen: 5.36 ug/L

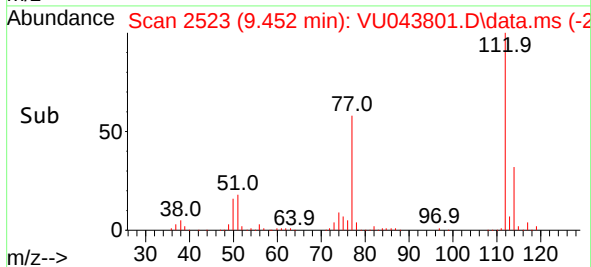
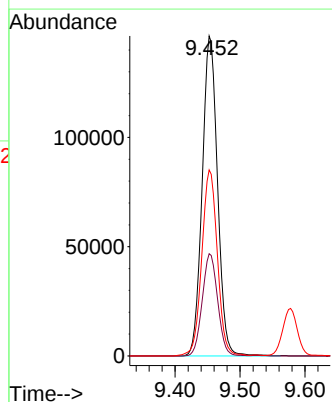
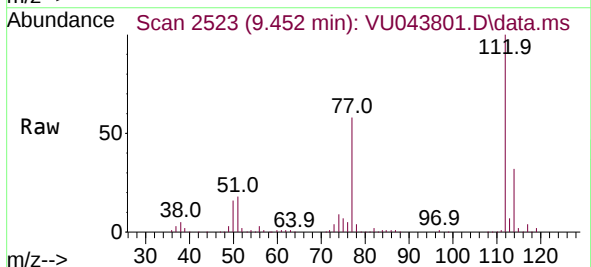
RT: 9.452 min Scan# 2523

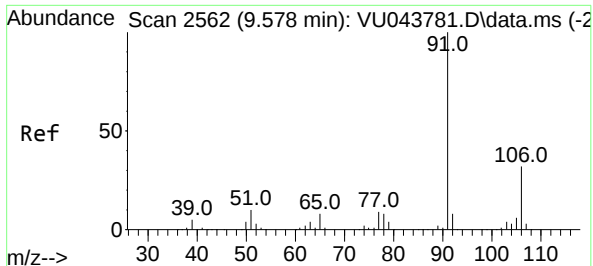
Delta R.T. 0.000 min

Lab File: VU043801.D

Acq: 17 May 2021 19:25

Tgt Ion:	112	Resp:	241221
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.3	41.5
77	58.1	47.8	71.8

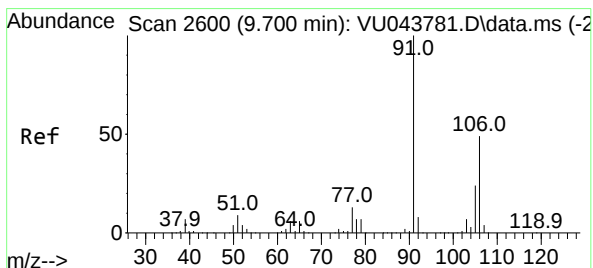
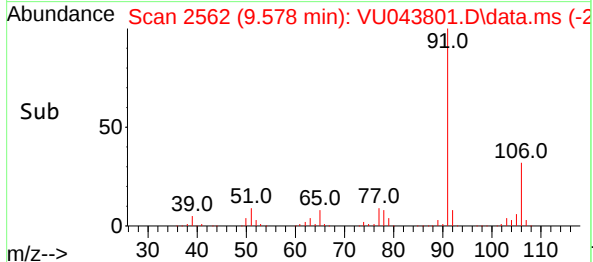
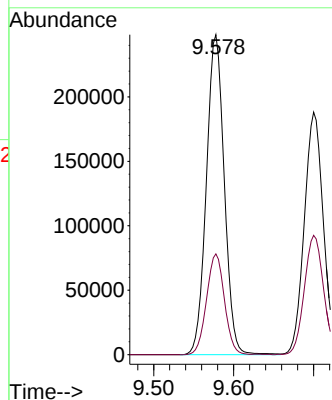
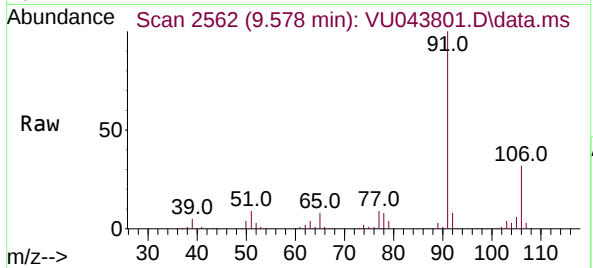




#52
Ethylbenzene
Concen: 5.25 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

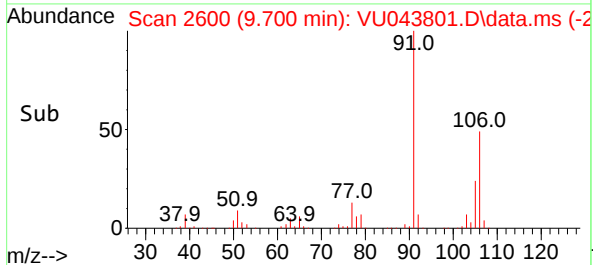
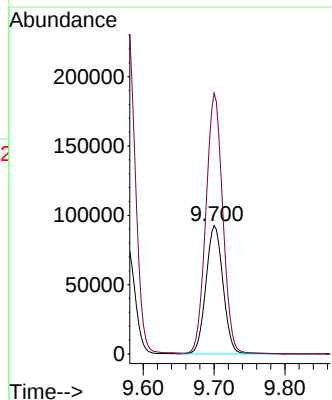
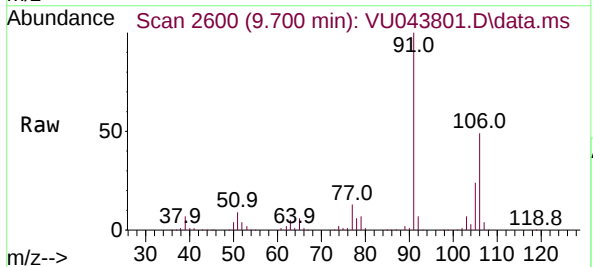
Instrument :
MSVOA_U
ClientSampled :

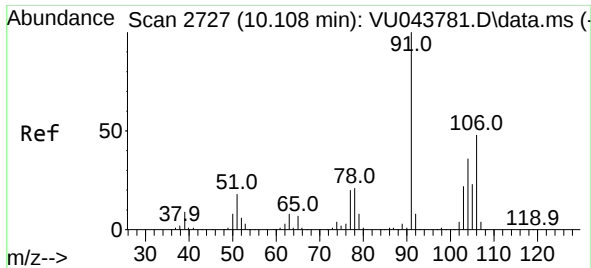
Tgt Ion: 91 Resp: 386652
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3



#53
m,p-Xylene
Concen: 5.53 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion: 106 Resp: 155032
Ion Ratio Lower Upper
106 100
91 203.1 144.4 268.2

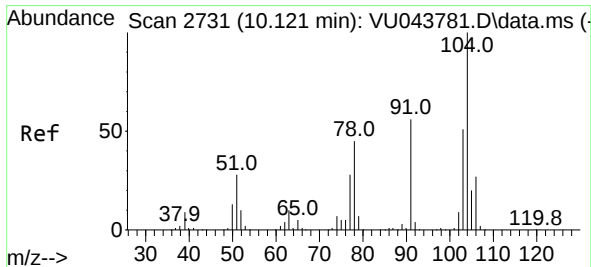
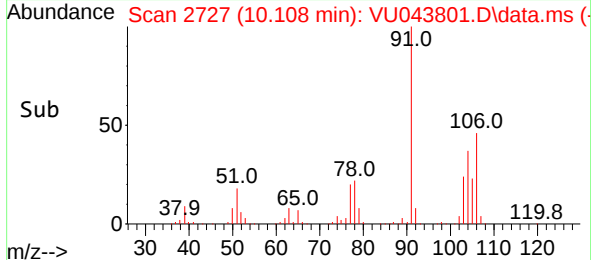
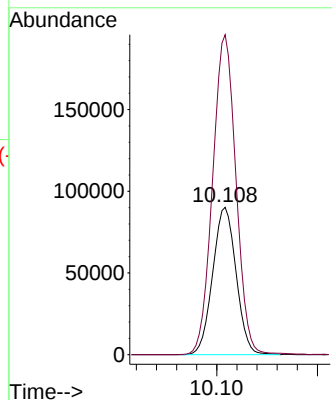
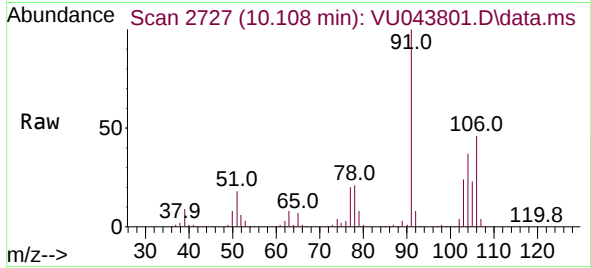




#54
o-Xylene
Concen: 5.45 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

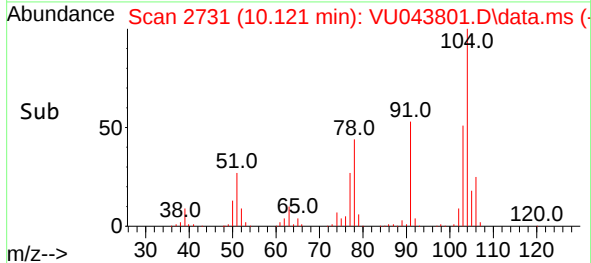
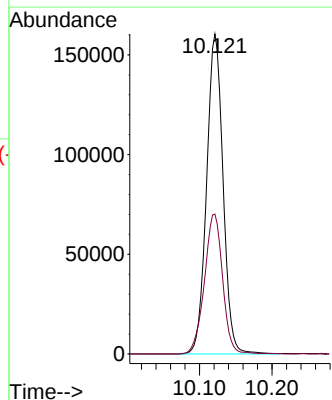
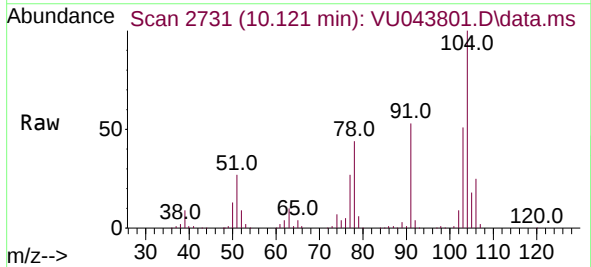
Instrument :
MSVOA_U
ClientSampleId :

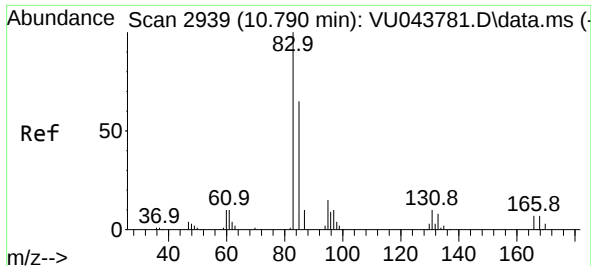
Tgt Ion:106 Resp: 145945
Ion Ratio Lower Upper
106 100
91 217.1 150.8 280.0



#55
Styrene
Concen: 5.61 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion:104 Resp: 253124
Ion Ratio Lower Upper
104 100
78 43.7 31.8 59.0

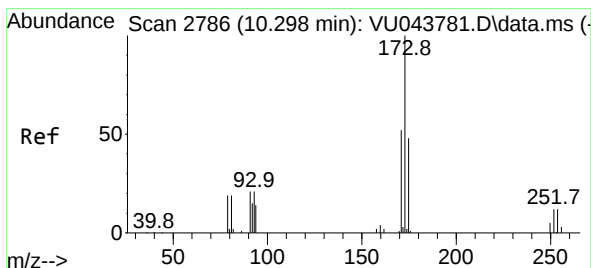
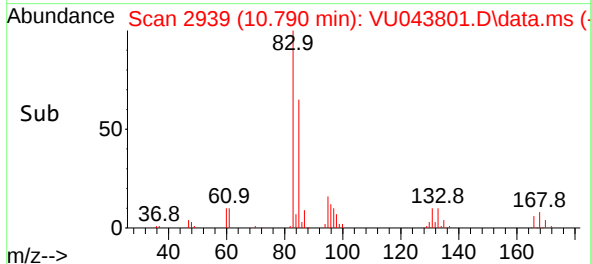
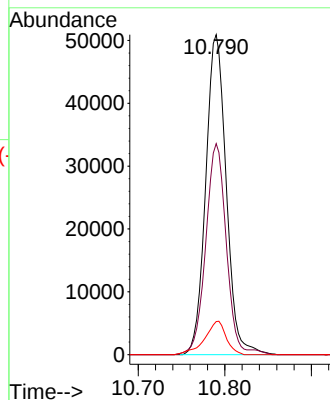
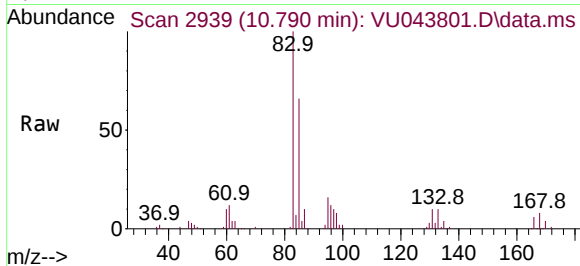




#57
1,1,2,2-Tetrachloroethane
Concen: 5.12 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

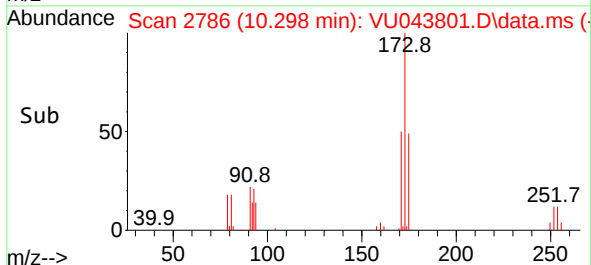
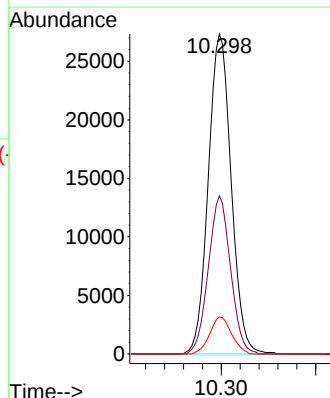
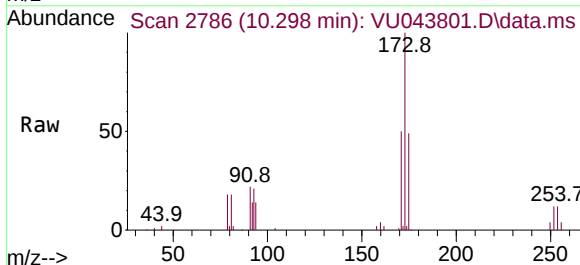
Instrument :
MSVOA_U
ClientSampleId :

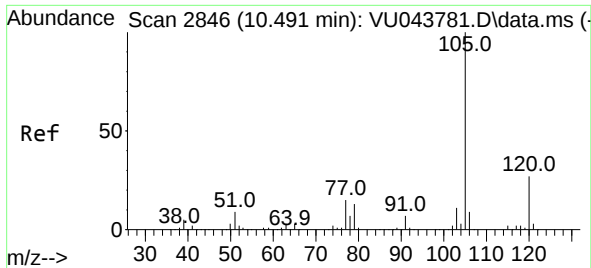
Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	45.1	83.7
131	10.4	7.6	11.4



#59
Bromoform
Concen: 5.27 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.8	58.2
254	11.0	9.4	14.2

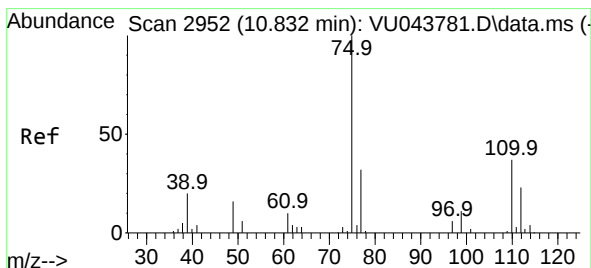
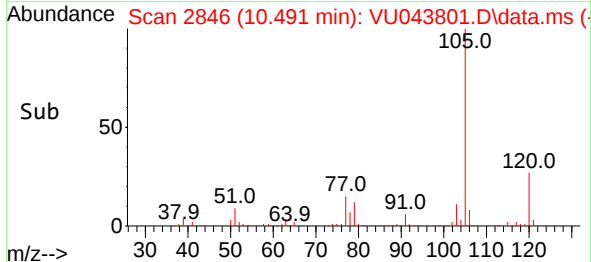
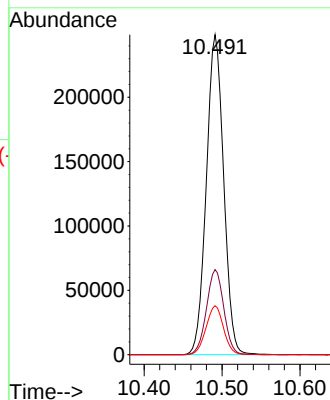
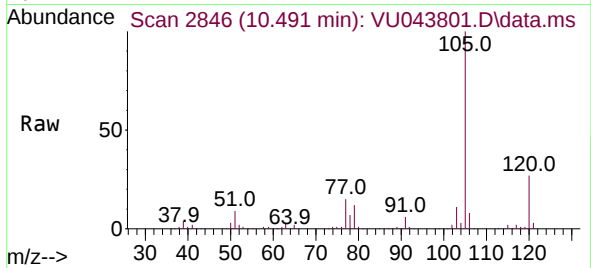




#60
Isopropylbenzene
Concen: 5.41 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

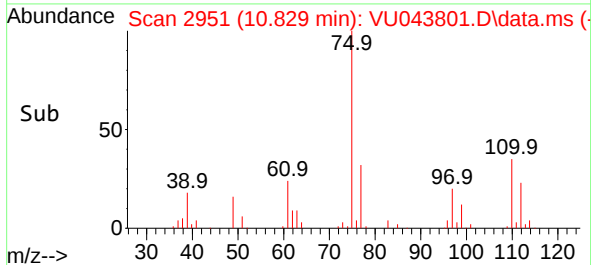
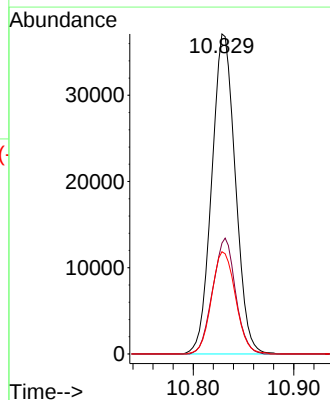
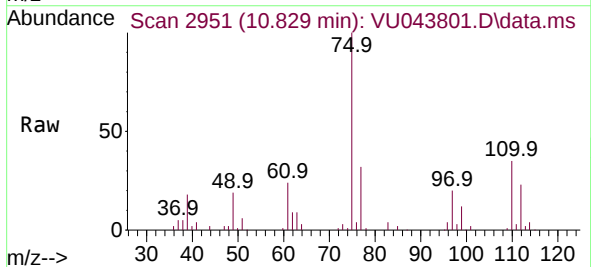
Instrument :
MSVOA_U
ClientSampleId :

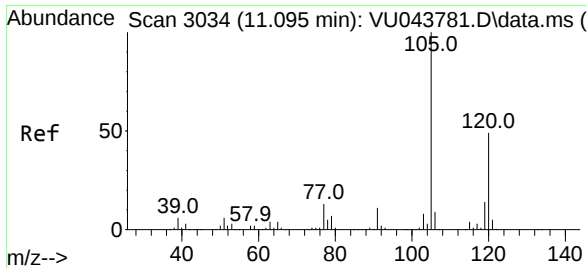
Tgt Ion:105 Resp: 384304
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.90 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion: 75 Resp: 60507
Ion Ratio Lower Upper
75 100
110 35.0 27.9 41.9
77 32.6 25.9 38.9

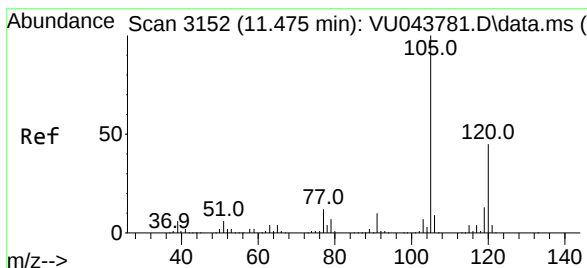
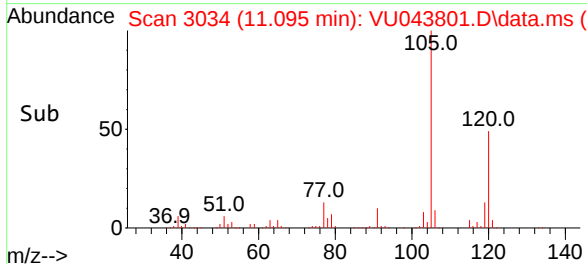
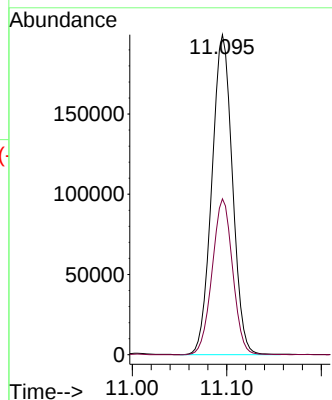
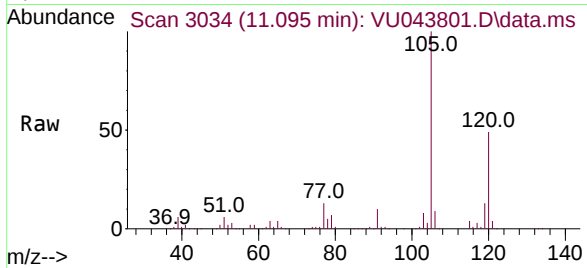




#62
1,3,5-Trimethylbenzene
Concen: 5.28 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

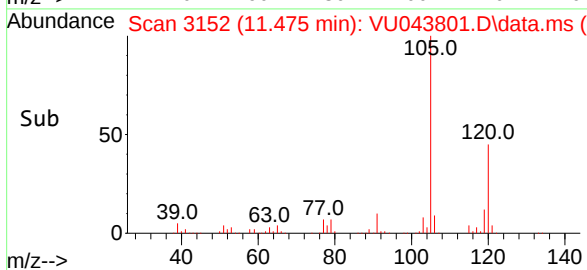
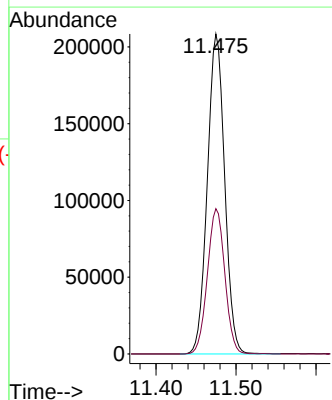
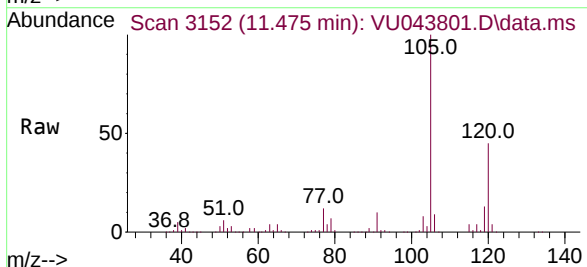
Instrument :
MSVOA_U
ClientSampleId :

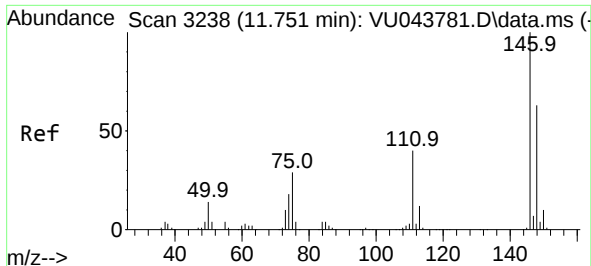
Tgt Ion:105 Resp: 301646
Ion Ratio Lower Upper
105 100
120 48.4 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.37 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion:105 Resp: 314330
Ion Ratio Lower Upper
105 100
120 45.7 36.0 54.0

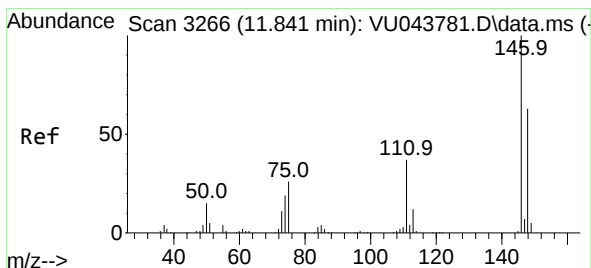
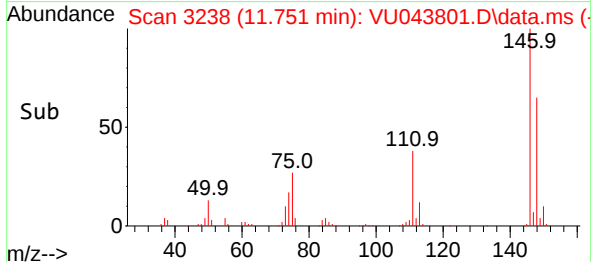
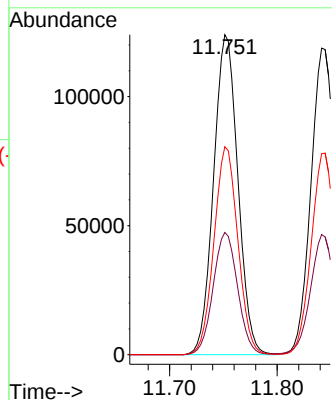
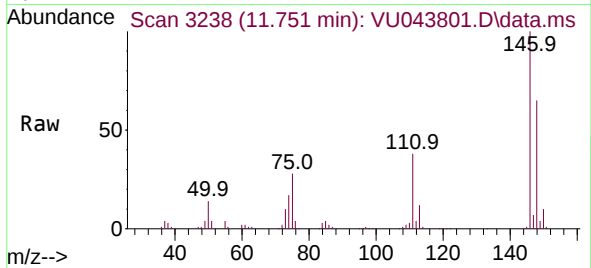




#64
1,3-Dichlorobenzene
Concen: 5.32 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

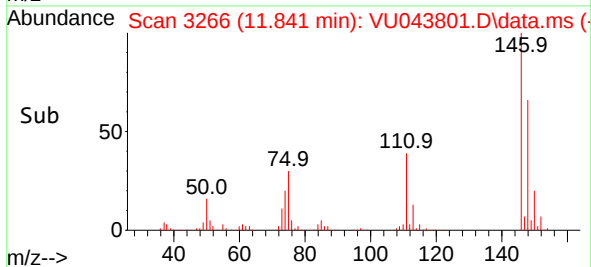
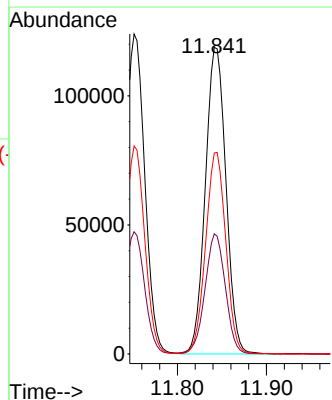
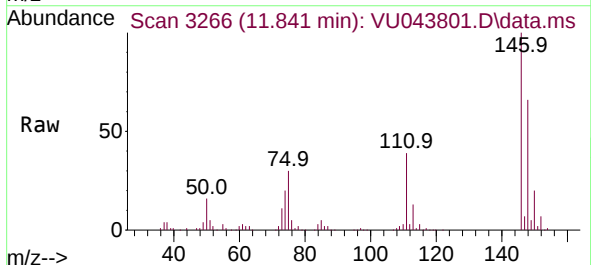
Instrument :
MSVOA_U
ClientSampled :

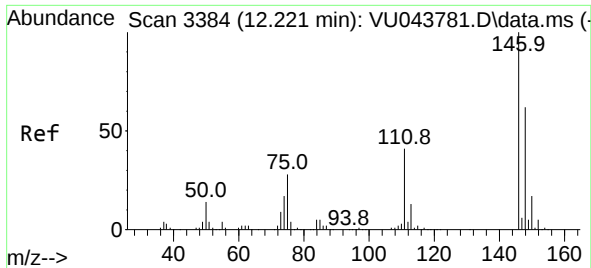
Tgt Ion:146 Resp: 194565
Ion Ratio Lower Upper
146 100
111 38.2 28.1 52.1
148 65.0 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.20 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion:146 Resp: 190888
Ion Ratio Lower Upper
146 100
111 39.2 27.0 50.2
148 65.5 45.0 83.6

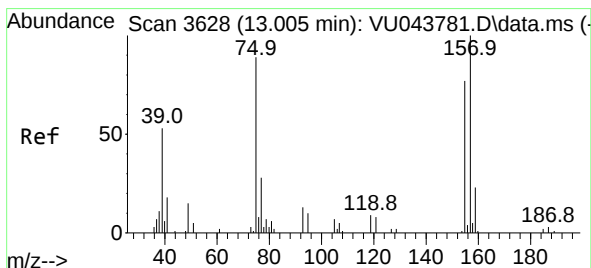
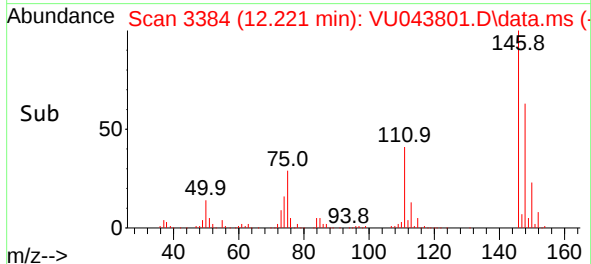
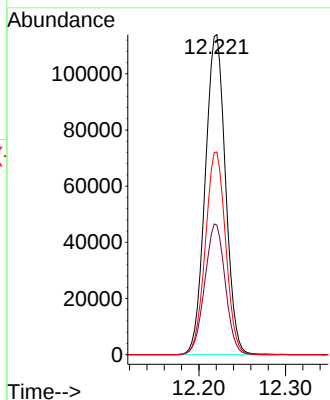
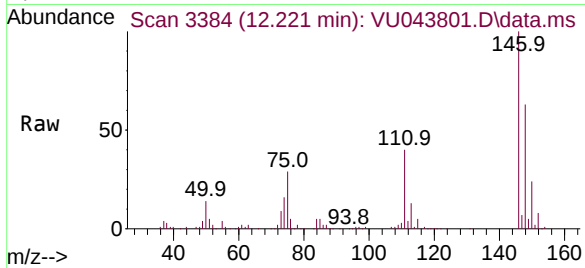




#67
1,2-Dichlorobenzene
Concen: 5.27 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

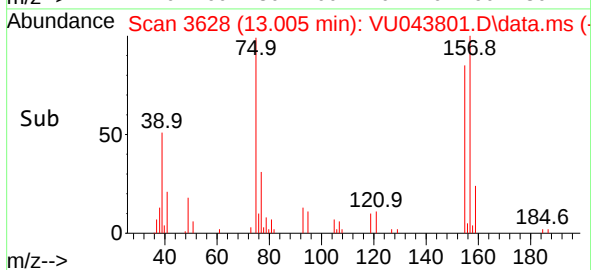
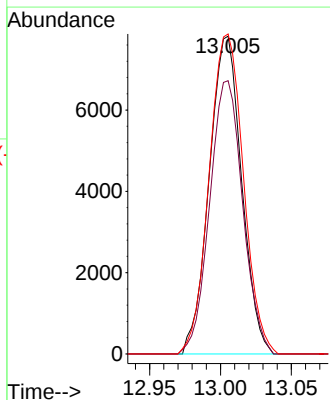
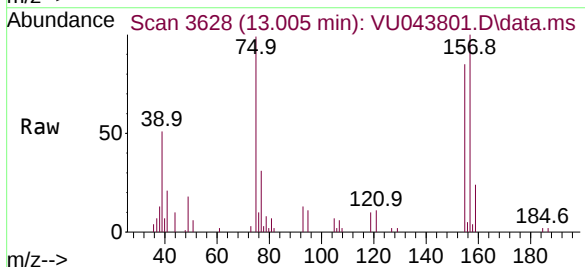
Instrument :
MSVOA_U
ClientSampled :

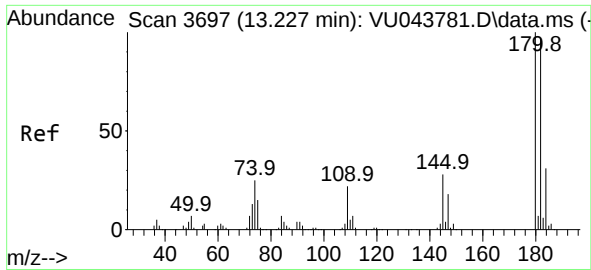
Tgt Ion:146 Resp: 185048
Ion Ratio Lower Upper
146 100
111 40.5 33.6 50.4
148 63.4 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.91 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion: 75 Resp: 12443
Ion Ratio Lower Upper
75 100
155 86.0 68.7 103.1
157 100.7 87.7 131.5

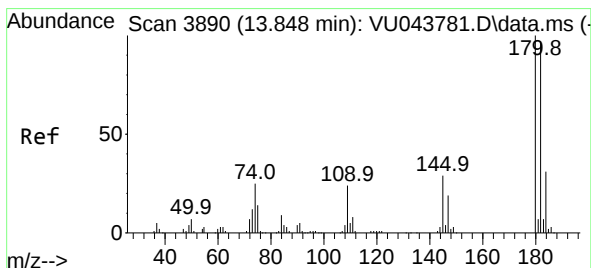
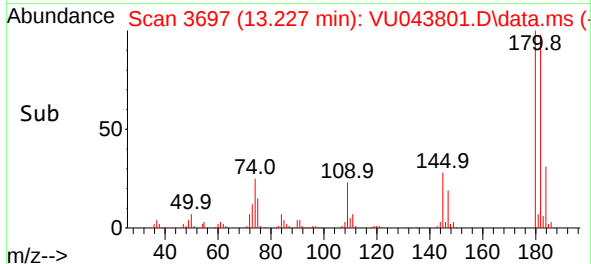
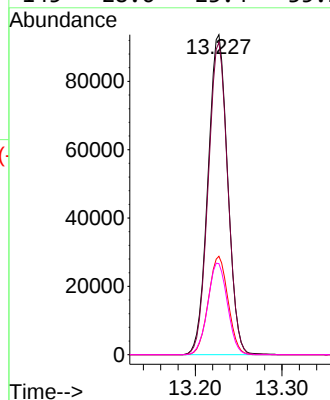
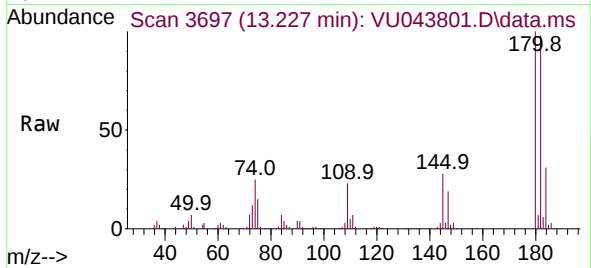




#69
1,3,5-Trichlorobenzene
Concen: 5.07 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

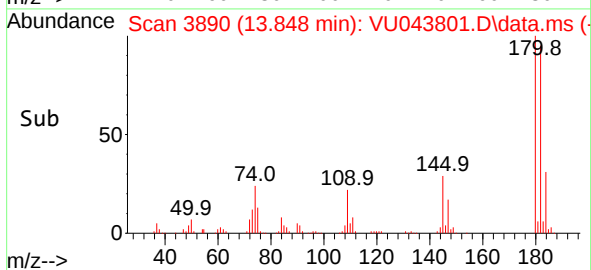
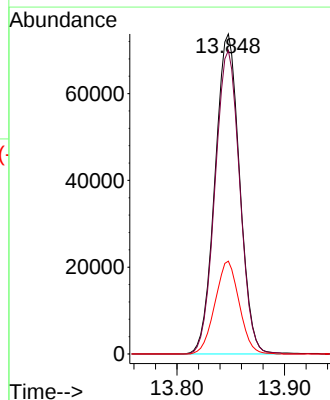
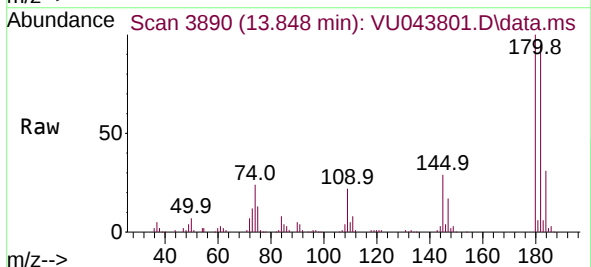
Instrument :
MSVOA_U
ClientSampleId :

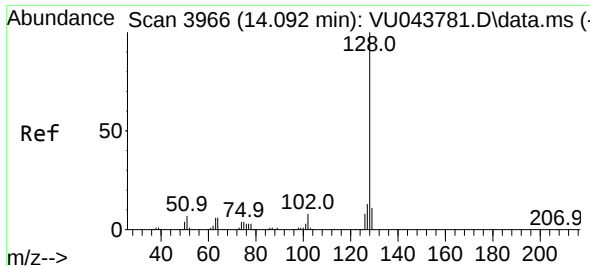
Tgt Ion:	180	Resp:	147921
Ion Ratio	Lower	Upper	
180	100		
182	96.7	78.2	117.2
184	30.8	24.8	37.2
145	28.6	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 4.87 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion:	180	Resp:	117178
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.9	115.3
145	28.5	23.0	34.4

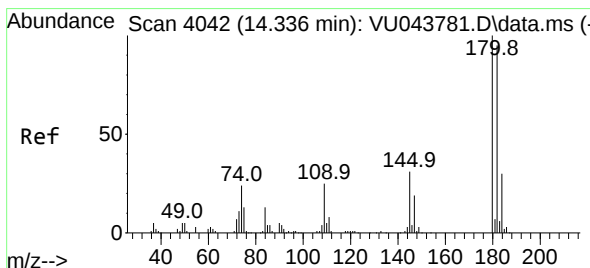
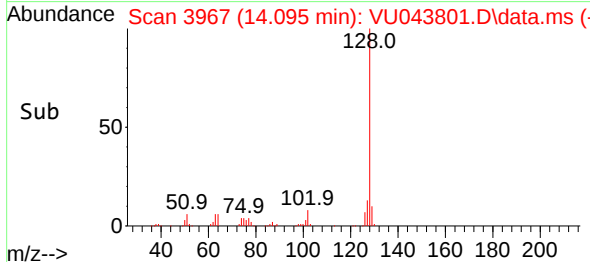
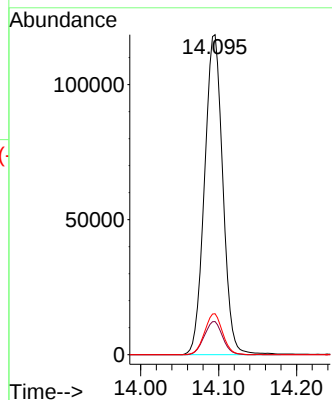
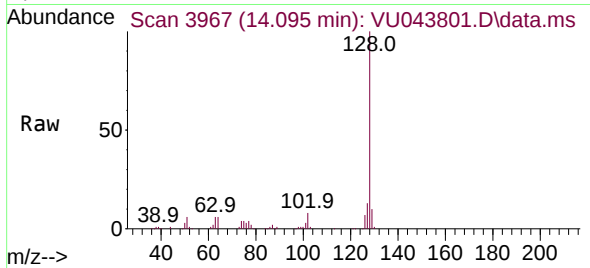




#71
Naphthalene
Concen: 4.55 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 192849
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.01 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043801.D
Acq: 17 May 2021 19:25

Tgt Ion:180 Resp: 114105
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.4
145 30.7 24.6 36.8

