

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043651.D
 Acq On : 10 May 2021 20:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 04:01:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	99030	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	97002	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49336	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26147	3.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.60%
7) Chloroethane-d5	1.919	69	22745	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.572	65	14638	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.649	46	113434	45.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.76%
24) Chloroform-d	5.073	84	66925	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.713	65	41357	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.735	84	116425	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.700	67	42217	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.906	98	104486	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloroprop...	8.185	79	17279	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.642	63	92860	59.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.28%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	38588	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	39117	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	31849	4.75	ug/L	97
3) Chloromethane	1.520	50	33703	4.77	ug/L	99
5) Vinyl chloride	1.607	62	33096	4.94	ug/L	98
6) Bromomethane	1.861	94	17088	5.38	ug/L	100
8) Chloroethane	1.938	64	21246	4.91	ug/L	96
9) Trichlorofluoromethane	2.144	101	49726	4.76	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31634	4.91	ug/L	98
12) 1,1-Dichloroethene	2.588	96	27524	4.97	ug/L	87
13) Acetone	2.655	43	64050	38.85	ug/L	95
14) Carbon disulfide	2.800	76	63897	4.61	ug/L	98
15) Methyl Acetate	2.964	43	16203	4.31	ug/L	100
16) Methylene chloride	3.054	84	38133	4.30	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	87284	5.39	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	28797	4.99	ug/L	98
19) 1,1-Dichloroethane	3.880	63	69771	5.08	ug/L	99
21) 2-Butanone	4.726	43	117089	44.30	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	33440	4.93	ug/L	96
23) Bromochloromethane	4.983	128	16139	5.35	ug/L	95
25) Chloroform	5.099	83	71509	4.89	ug/L	98

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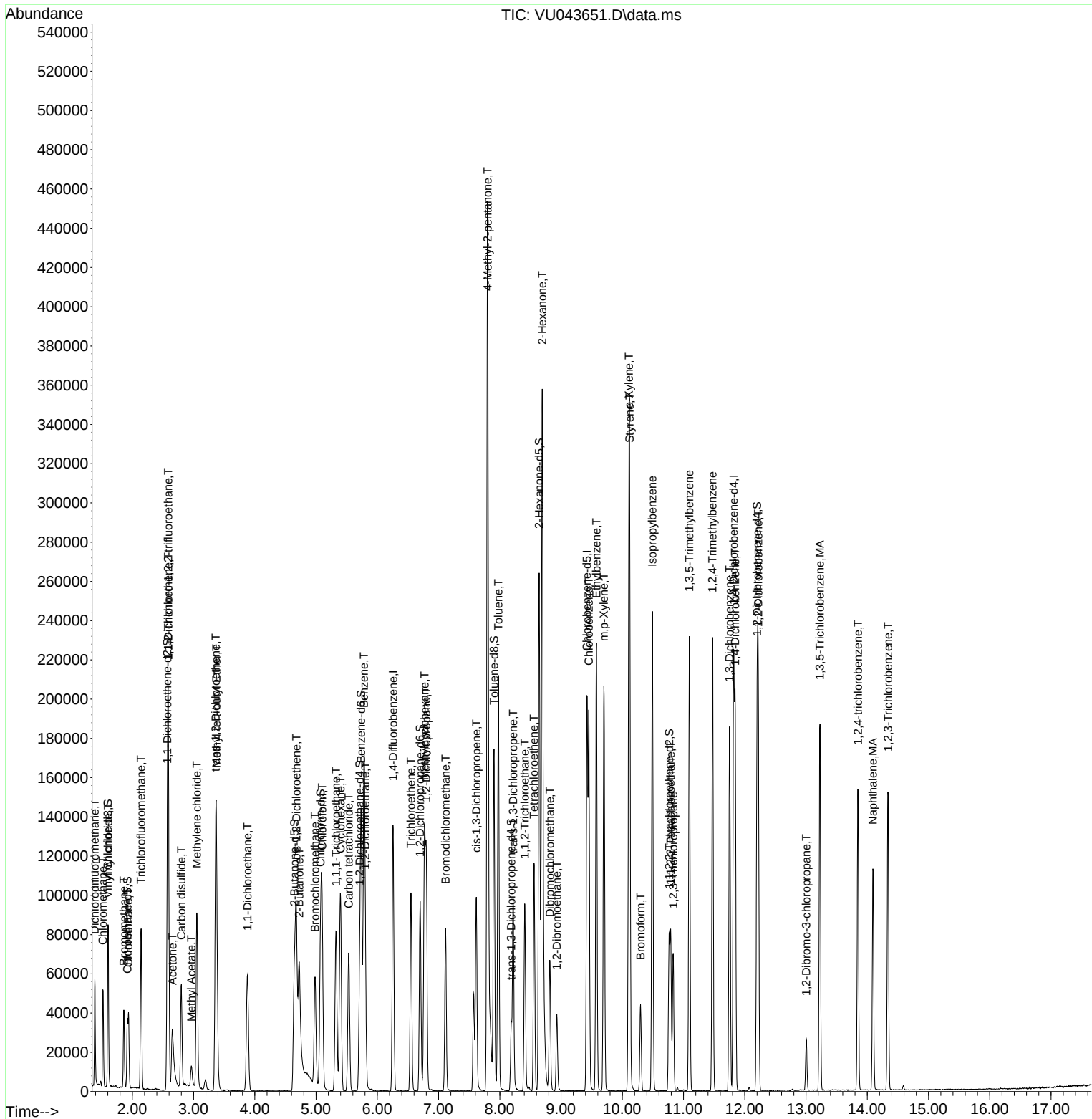
Instrument :
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 ClientSampleId :

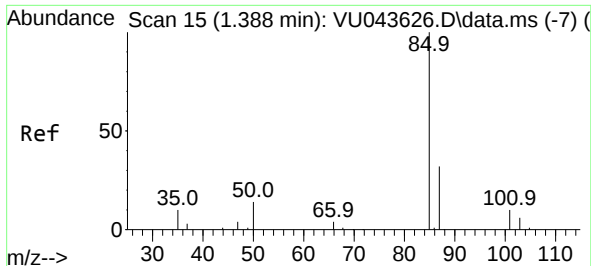
Quant Time: May 11 04:01:57 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	48424	4.88	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	56655	4.97	ug/L	98
30) Cyclohexane	5.401	56	47273	5.19	ug/L	99
31) Carbon tetrachloride	5.533	117	44721	4.78	ug/L	97
33) Benzene	5.784	78	134459	5.26	ug/L	100
34) Trichloroethene	6.549	95	33282	5.10	ug/L	97
35) Methylcyclohexane	6.771	83	42508	5.04	ug/L	98
37) 1,2-Dichloropropane	6.800	63	41716	5.47	ug/L	100
38) Bromodichloromethane	7.115	83	51576	5.22	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	50421	4.98	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	360964	57.82	ug/L	100
42) Toluene	7.977	91	141780	5.31	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	47882	5.20	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	27914	5.30	ug/L	99
47) Tetrachloroethene	8.558	164	23512	4.89	ug/L	97
48) 2-Hexanone	8.694	43	270962	58.51	ug/L	99
49) Dibromochloromethane	8.819	129	32250	5.06	ug/L	100
50) 1,2-Dibromoethane	8.931	107	25389	5.18	ug/L	99
51) Chlorobenzene	9.452	112	85283	5.02	ug/L	97
52) Ethylbenzene	9.578	91	148519	5.24	ug/L	100
53) m,p-Xylene	9.700	106	52434	5.09	ug/L	98
54) o-Xylene	10.108	106	52563	5.25	ug/L	95
55) Styrene	10.121	104	94732	5.40	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	37753	5.31	ug/L	93
59) Bromoform	10.298	173	18277	5.09	ug/L	98
60) Isopropylbenzene	10.491	105	144869	5.39	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	27558	5.52	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	115395	5.46	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	116874	5.52	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	69113	5.19	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	69966	5.11	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	68096	5.08	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	6577	5.52	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	53024	5.03	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	43672	5.02	ug/L	99
71) Naphthalene	14.092	128	82796	5.52	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	43130	5.28	ug/L	99

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

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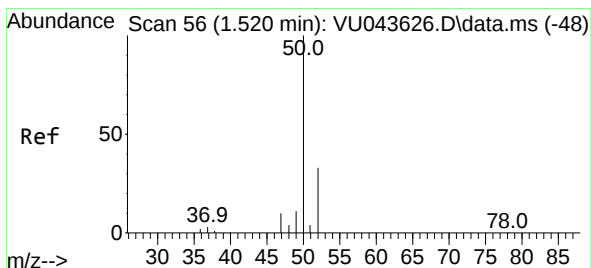
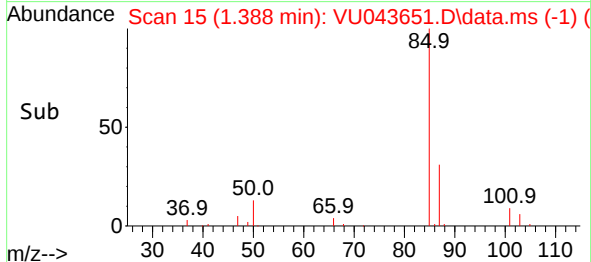
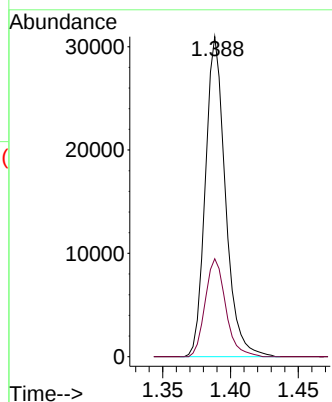
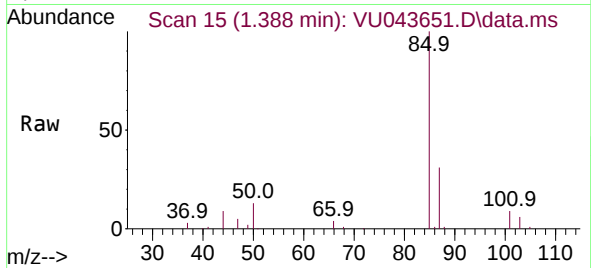




#2
Dichlorodifluoromethane
Concen: 4.75 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

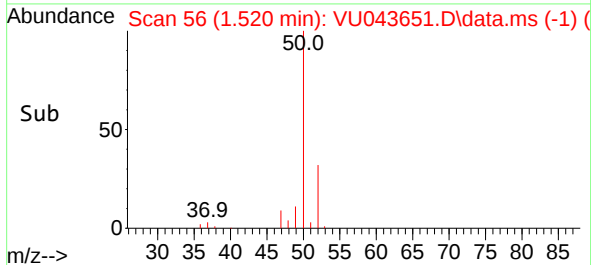
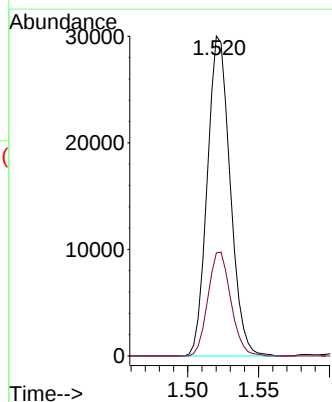
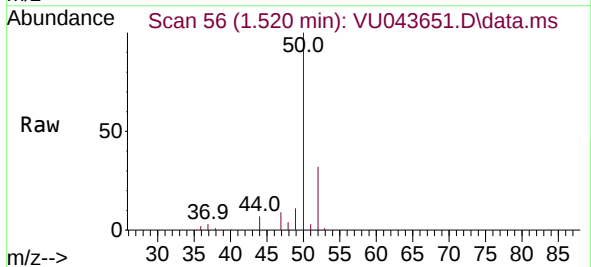
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MSVOA_U
ClientSampled :

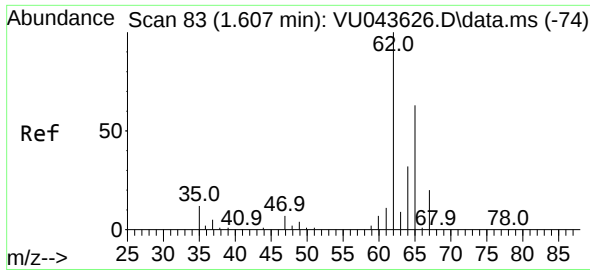
Tgt Ion: 85 Resp: 31849
Ion Ratio Lower Upper
85 100
87 31.3 26.6 39.8



#3
Chloromethane
Concen: 4.77 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 50 Resp: 33703
Ion Ratio Lower Upper
50 100
52 32.2 22.1 41.1

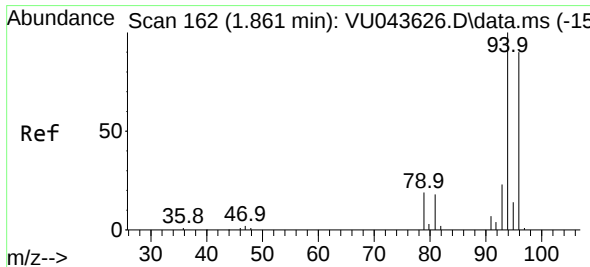
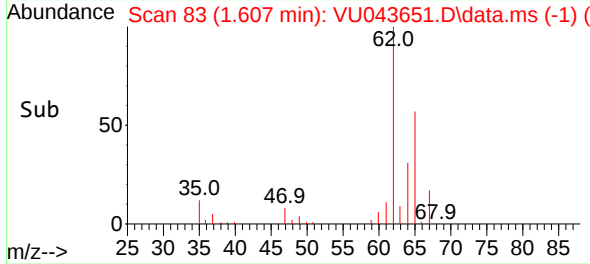
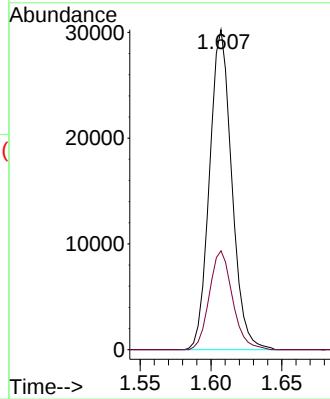
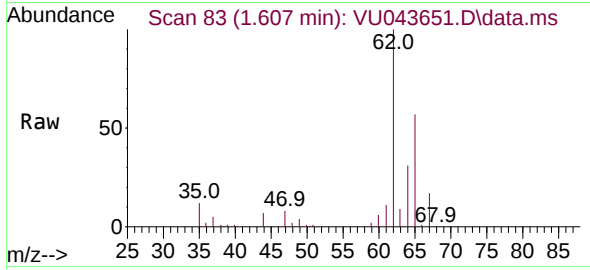




#5
 Vinyl chloride
 Concen: 4.94 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043651.D
 Acq: 10 May 2021 20:19

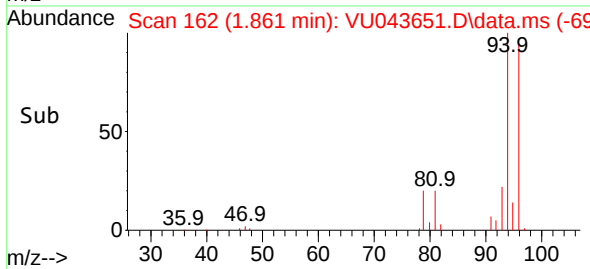
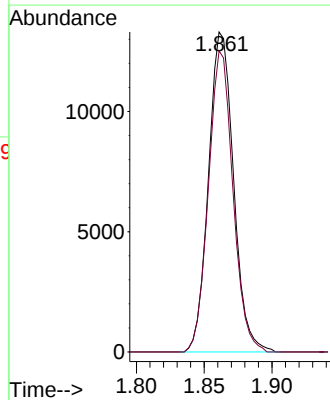
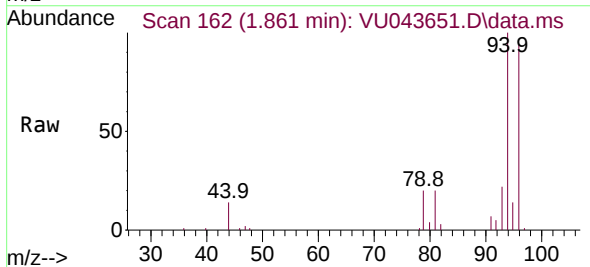
Instrument :
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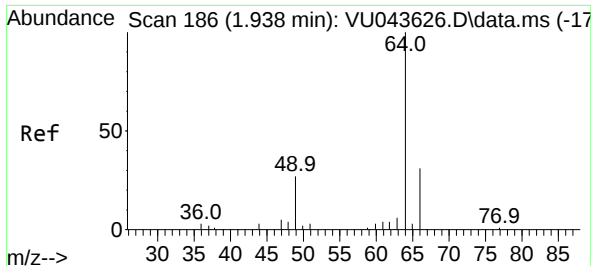
Tgt Ion: 62 Resp: 33096
 Ion Ratio Lower Upper
 62 100
 64 30.9 22.3 41.3



#6
 Bromomethane
 Concen: 5.38 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU043651.D
 Acq: 10 May 2021 20:19

Tgt Ion: 94 Resp: 17088
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.7 121.9

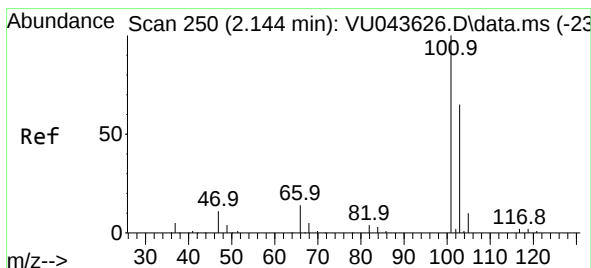
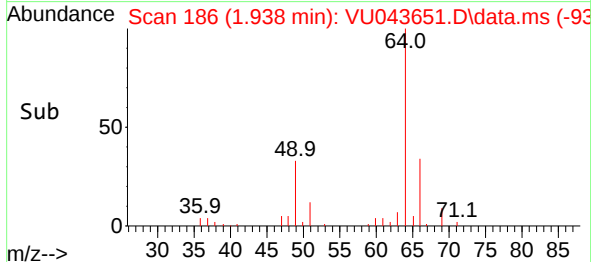
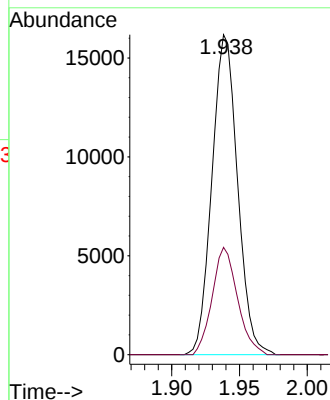
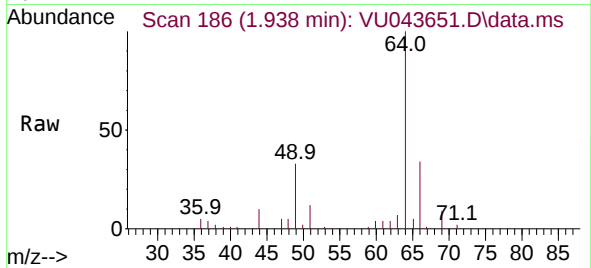




#8
Chloroethane
Concen: 4.91 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

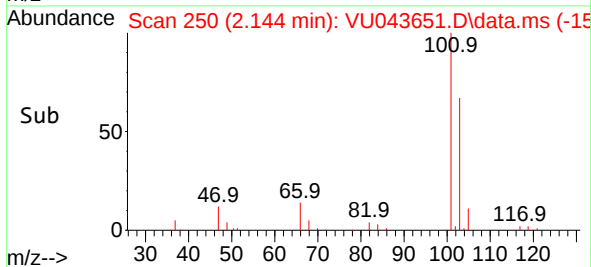
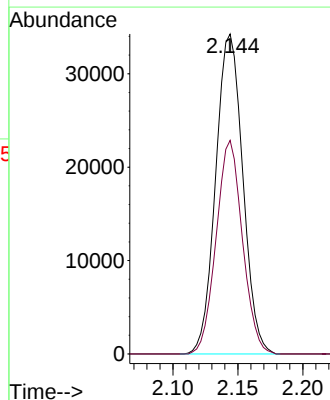
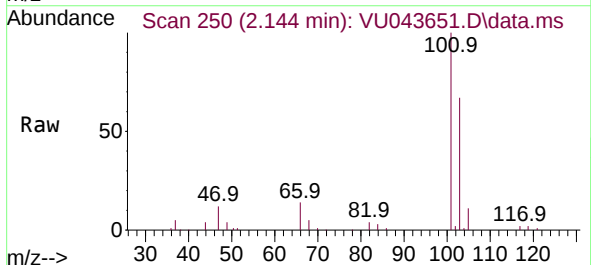
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ClientSampled :

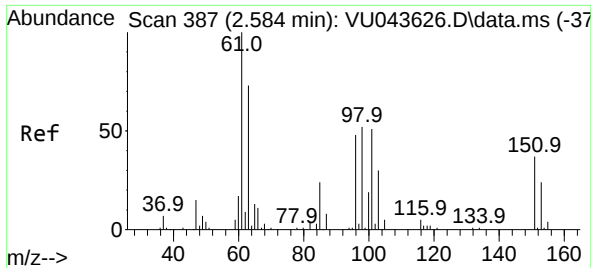
Tgt Ion: 64 Resp: 21246
Ion Ratio Lower Upper
64 100
66 33.5 21.8 40.4



#9
Trichlorofluoromethane
Concen: 4.76 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion:101 Resp: 49726
Ion Ratio Lower Upper
101 100
103 64.6 52.6 78.8

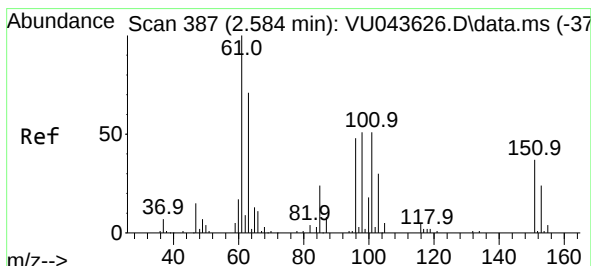
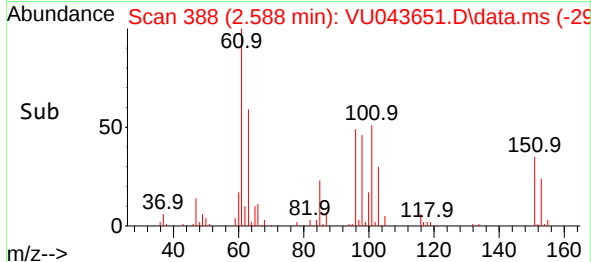
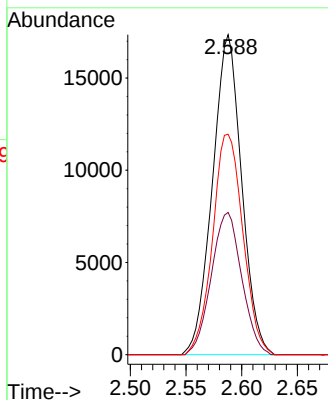
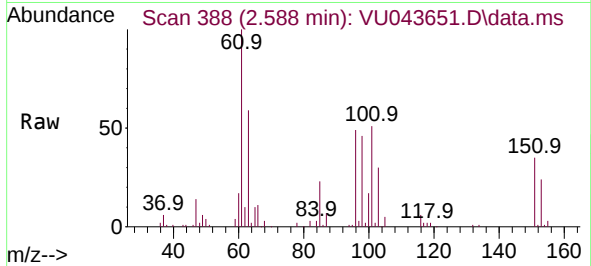




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.91 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

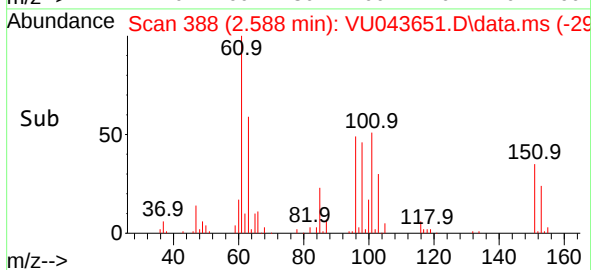
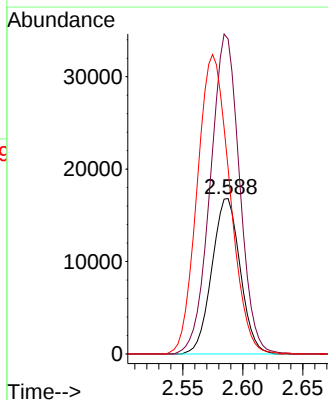
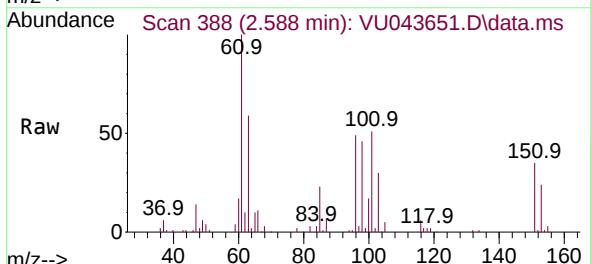
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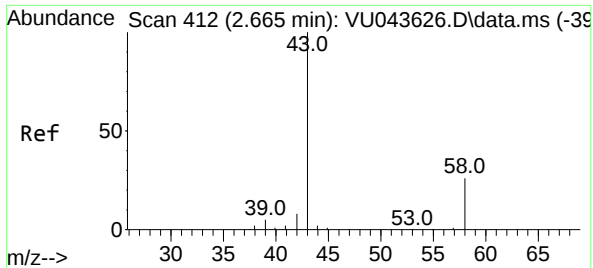
Tgt Ion:101 Resp: 31634
Ion Ratio Lower Upper
101 100
85 46.3 38.5 57.7
151 71.6 58.5 87.7



#12
1,1-Dichloroethene
Concen: 4.97 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 96 Resp: 27524
Ion Ratio Lower Upper
96 100
61 202.7 141.2 262.2
63 119.5 111.1 206.3

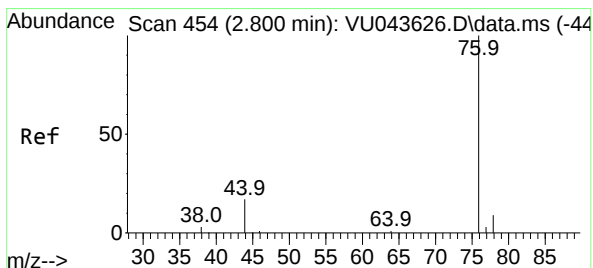
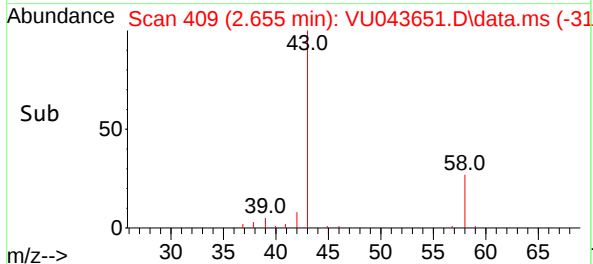
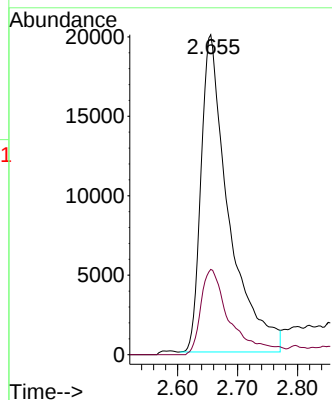
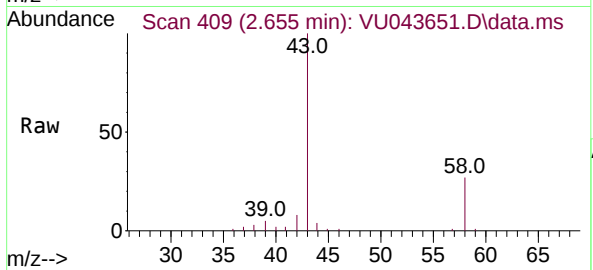




#13
Acetone
Concen: 38.85 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

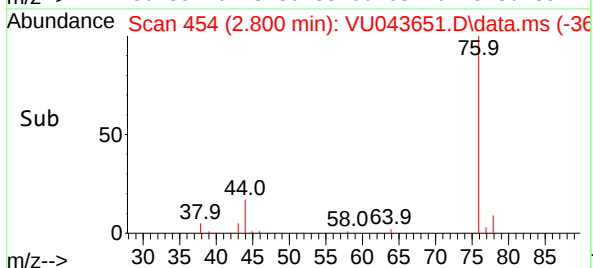
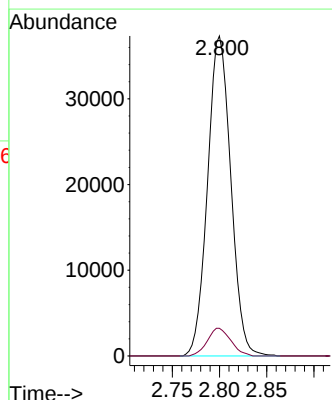
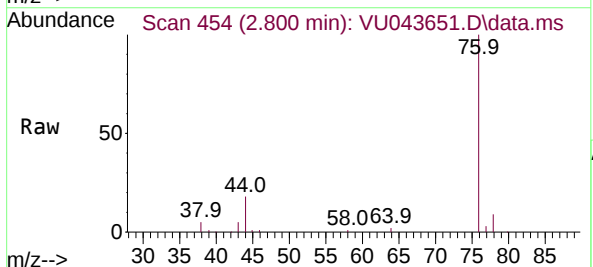
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MSVOA_U
ClientSampleId :

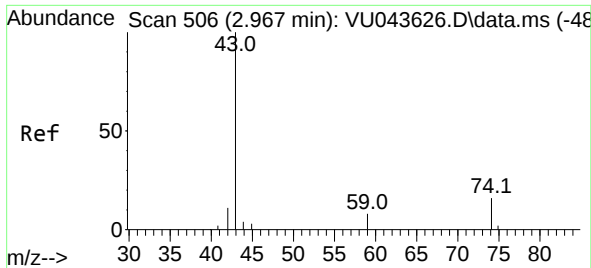
Tgt Ion: 43 Resp: 64050
Ion Ratio Lower Upper
43 100
58 27.8 0.0 50.8



#14
Carbon disulfide
Concen: 4.61 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 76 Resp: 63897
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

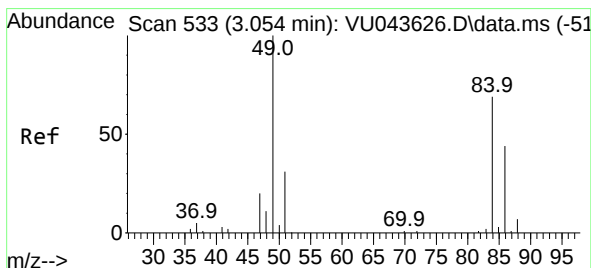
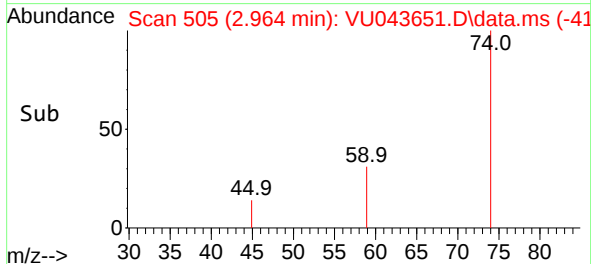
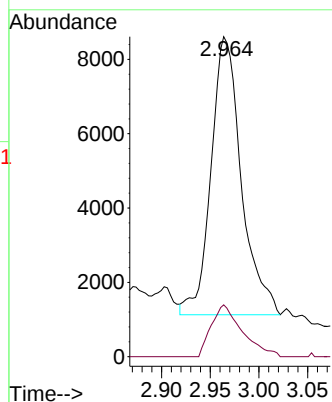
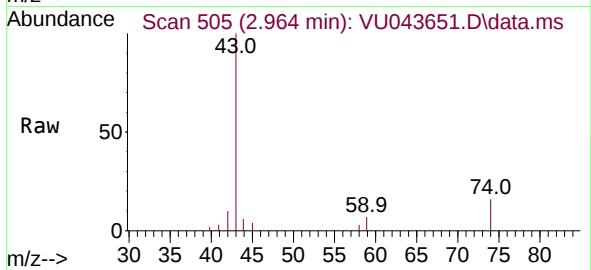




#15
Methyl Acetate
Concen: 4.31 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

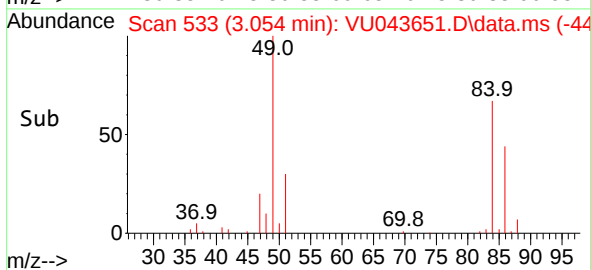
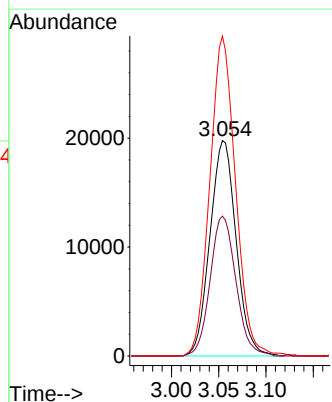
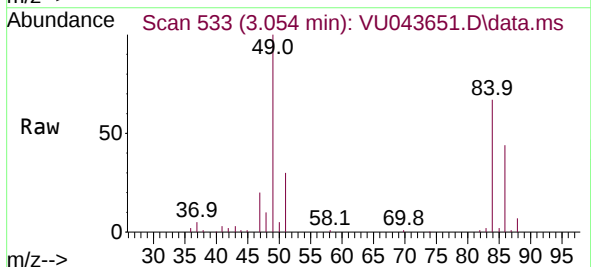
Instrument :
MSVOA_U
ClientSampled :

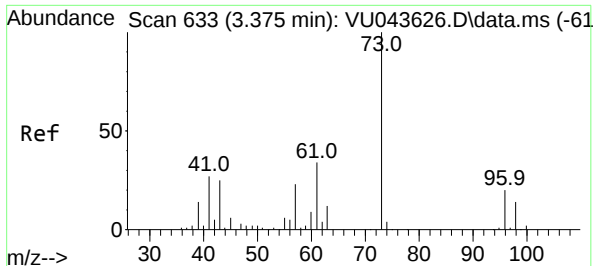
Tgt Ion: 43 Resp: 16203
Ion Ratio Lower Upper
43 100
74 19.1 15.2 22.8



#16
Methylene chloride
Concen: 4.30 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 84 Resp: 38133
Ion Ratio Lower Upper
84 100
86 64.9 45.6 84.6
49 148.6 107.0 198.8





#17

Methyl tert-butyl Ether

Concen: 5.39 ug/L

RT: 3.372 min Scan# 632

Delta R.T. -0.003 min

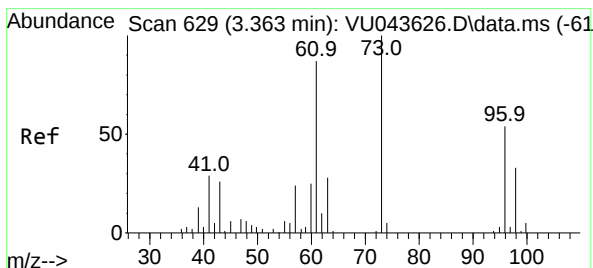
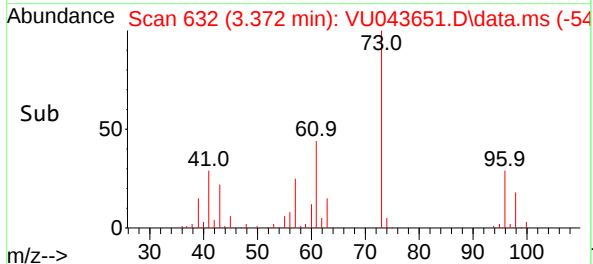
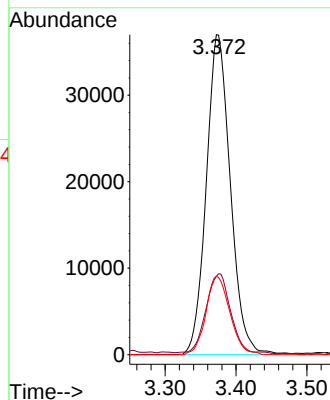
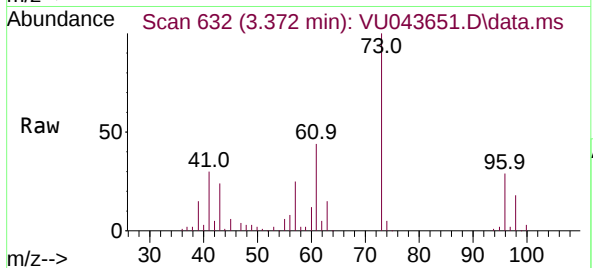
Lab File: VU043651.D

Acq: 10 May 2021 20:19

Tgt Ion: 73 Resp: 87284

Ion	Ratio	Lower	Upper
73	100		
43	24.5	20.6	30.8
57	24.4	18.7	28.1

Instrument :
MSVOA_U
ClientSampleId :



#18

trans-1,2-Dichloroethene

Concen: 4.99 ug/L

RT: 3.363 min Scan# 629

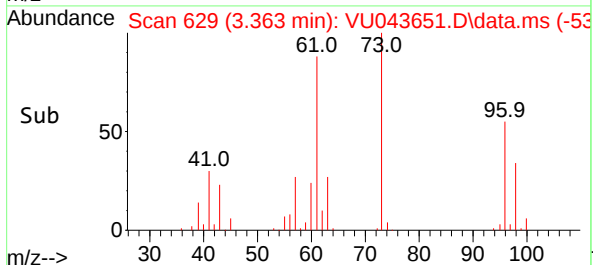
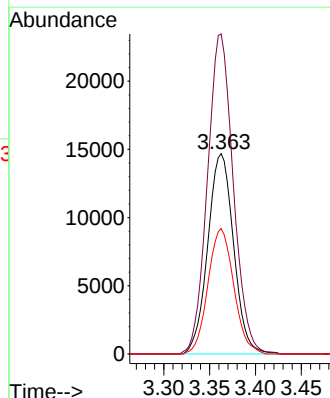
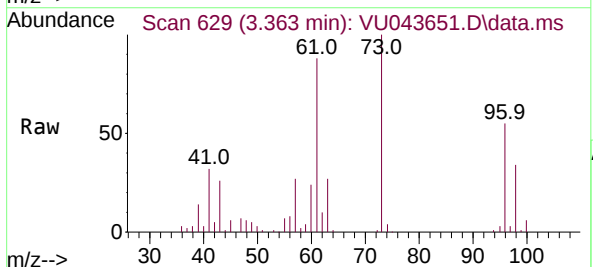
Delta R.T. 0.000 min

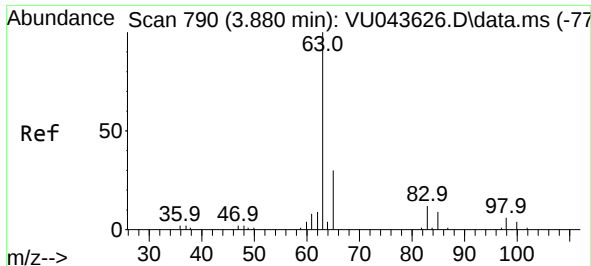
Lab File: VU043651.D

Acq: 10 May 2021 20:19

Tgt Ion: 96 Resp: 28797

Ion	Ratio	Lower	Upper
96	100		
61	159.8	113.5	210.9
98	62.6	45.4	84.2





#19

1,1-Dichloroethane

Concen: 5.08 ug/L

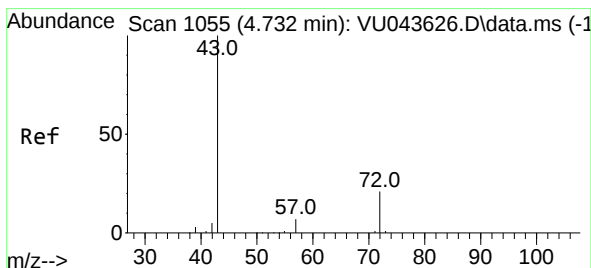
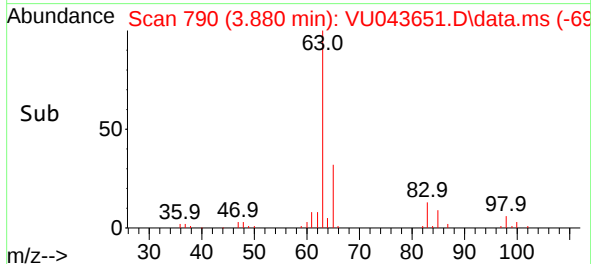
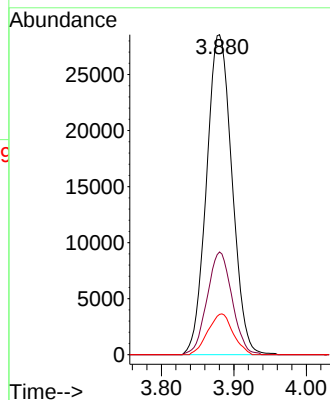
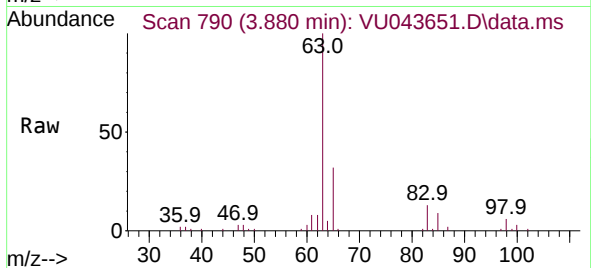
RT: 3.880 min Scan# 790

Delta R.T. 0.000 min

Lab File: VU043651.D

Acq: 10 May 2021 20:19

Tgt Ion:	63	Resp:	69771
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.7	42.1
83	12.6	9.4	17.4



#21

2-Butanone

Concen: 44.30 ug/L

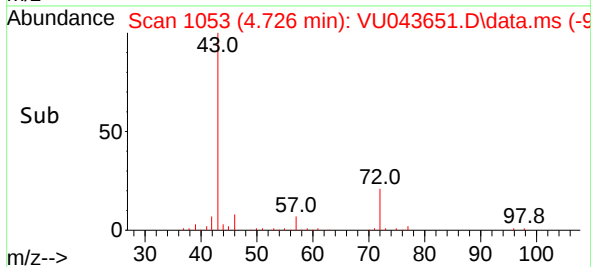
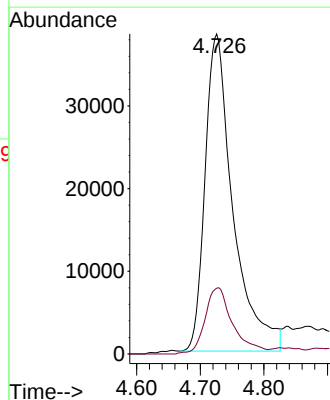
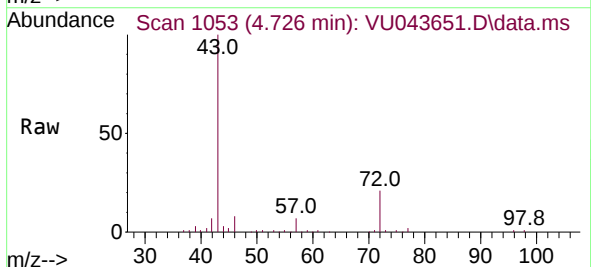
RT: 4.726 min Scan# 1053

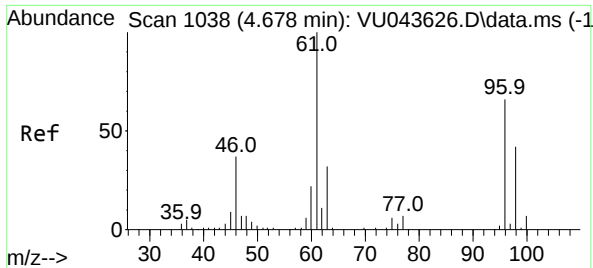
Delta R.T. -0.006 min

Lab File: VU043651.D

Acq: 10 May 2021 20:19

Tgt Ion:	43	Resp:	117089
Ion	Ratio	Lower	Upper
43	100		
72	20.9	10.8	32.4

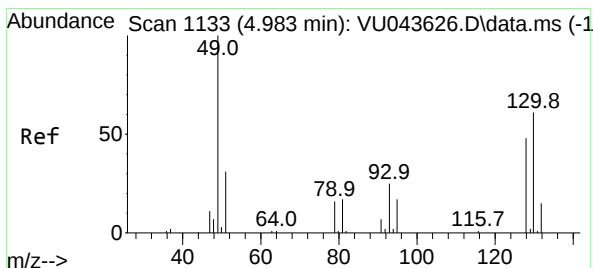
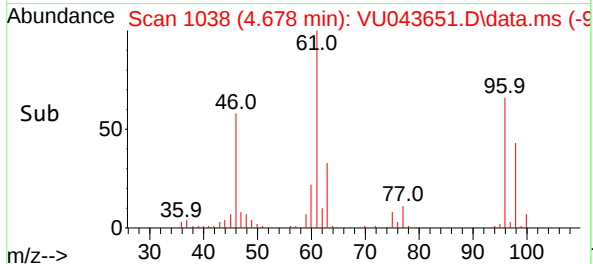
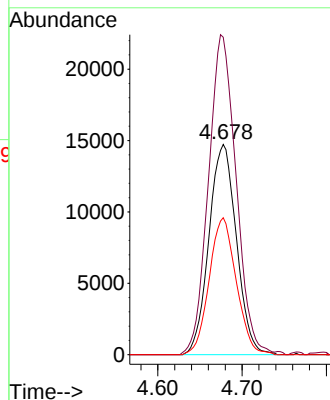
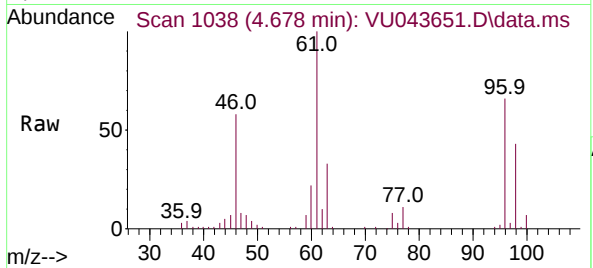




#22
 cis-1,2-Dichloroethene
 Concen: 4.93 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU043651.D
 Acq: 10 May 2021 20:19

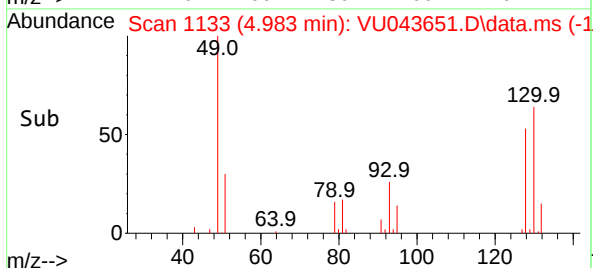
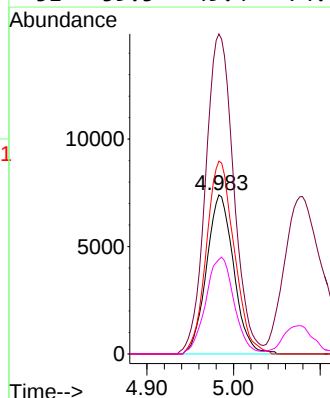
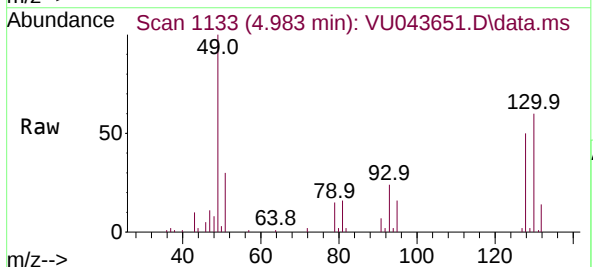
Instrument :
 MSVOA_U
 ClientSampleId :

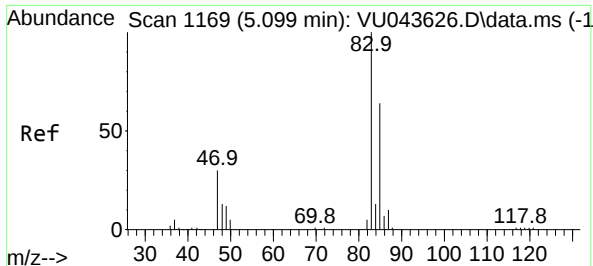
Tgt Ion:	96	Resp:	33440
Ion	Ratio	Lower	Upper
96	100		
61	151.0	102.8	190.8
98	65.1	42.8	79.6



#23
 Bromochloromethane
 Concen: 5.35 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: VU043651.D
 Acq: 10 May 2021 20:19

Tgt Ion:	128	Resp:	16139
Ion	Ratio	Lower	Upper
128	100		
49	201.3	134.2	249.2
130	121.2	87.2	162.0
51	59.5	49.4	74.0



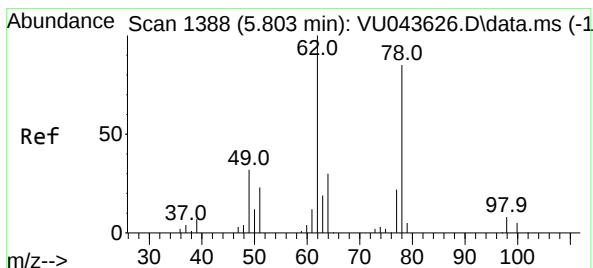
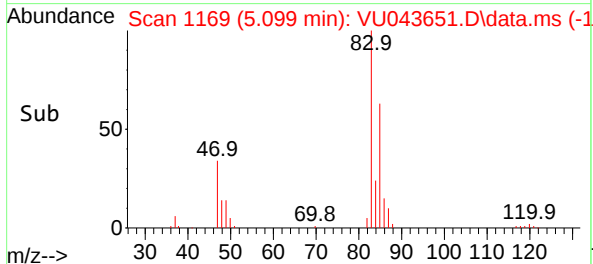
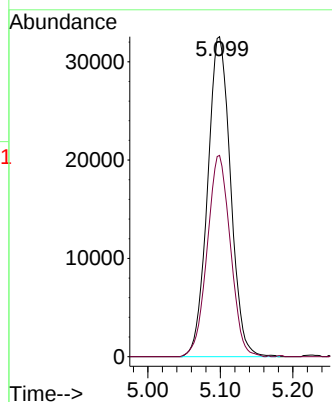
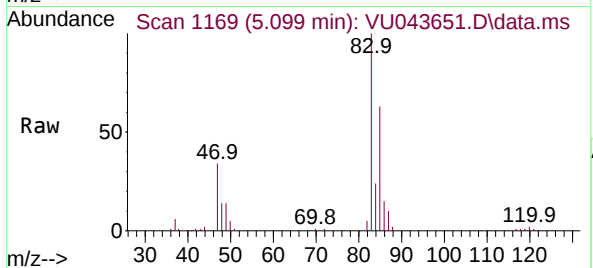


#25

Chloroform
Concen: 4.89 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Instrument :
MSVOA_U
ClientSampleId :

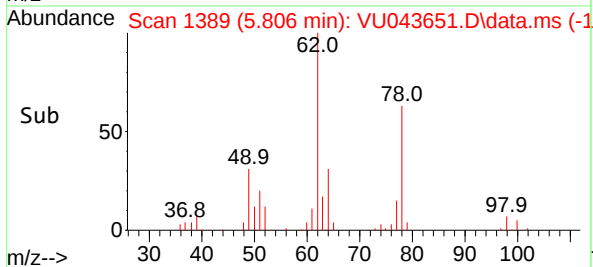
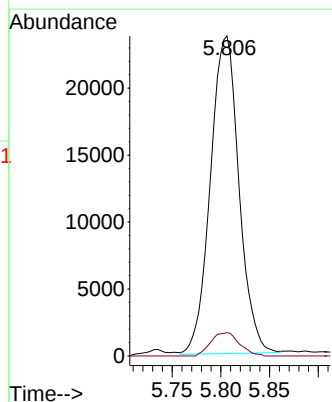
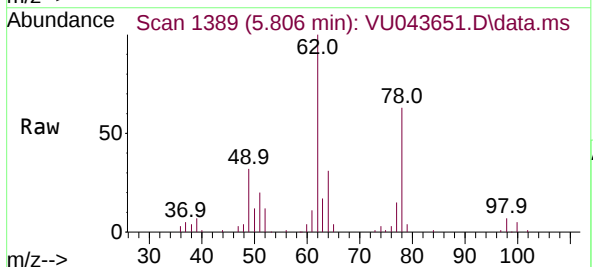
Tgt Ion: 83 Resp: 71509
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.9

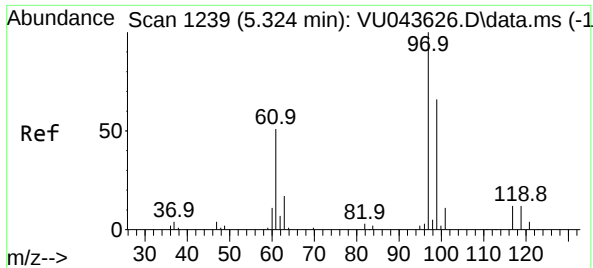


#27

1,2-Dichloroethane
Concen: 4.88 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 62 Resp: 48424
Ion Ratio Lower Upper
62 100
98 7.3 6.1 9.1





#29

1,1,1-Trichloroethane

Concen: 4.97 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.003 min

Lab File: VU043651.D

Acq: 10 May 2021 20:19

Tgt Ion: 97 Resp: 56655

Ion Ratio Lower Upper

97 100

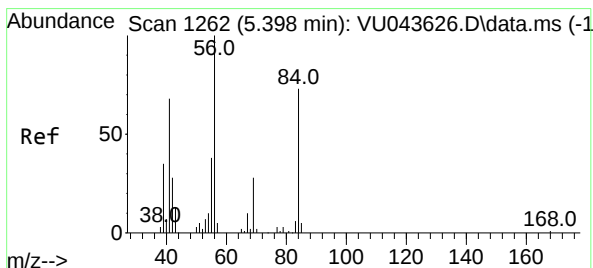
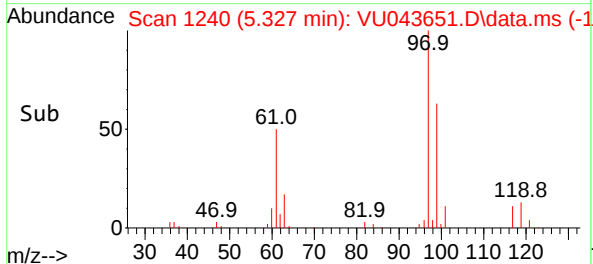
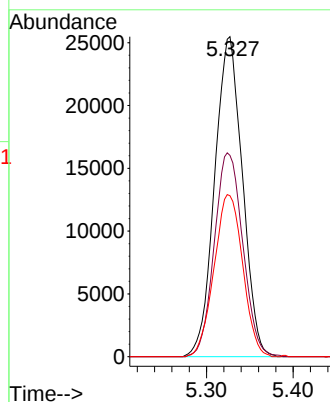
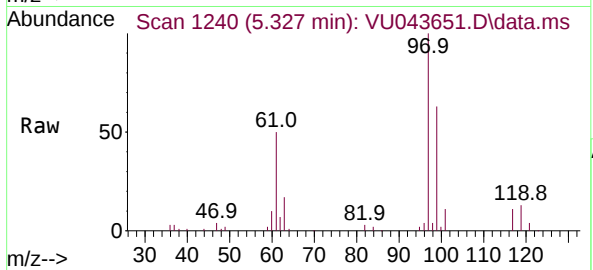
99 65.4 51.8 77.6

61 52.2 39.8 59.8

Instrument :

MSVOA_U

ClientSampleId :



#30

Cyclohexane

Concen: 5.19 ug/L

RT: 5.401 min Scan# 1263

Delta R.T. 0.003 min

Lab File: VU043651.D

Acq: 10 May 2021 20:19

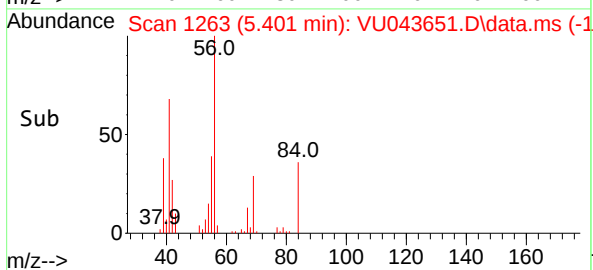
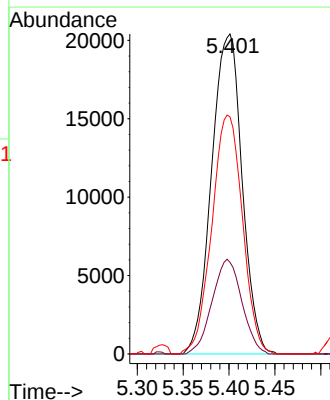
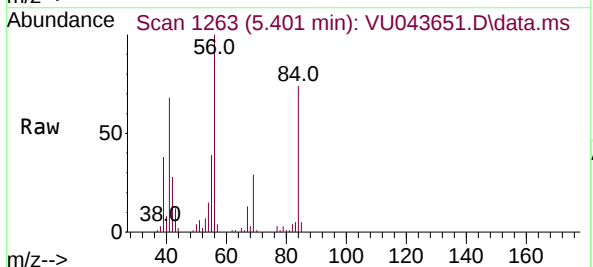
Tgt Ion: 56 Resp: 47273

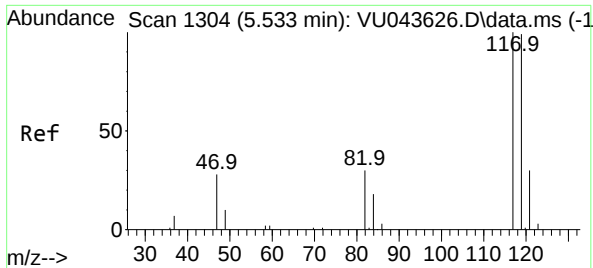
Ion Ratio Lower Upper

56 100

69 28.7 23.0 34.4

84 74.8 60.3 90.5

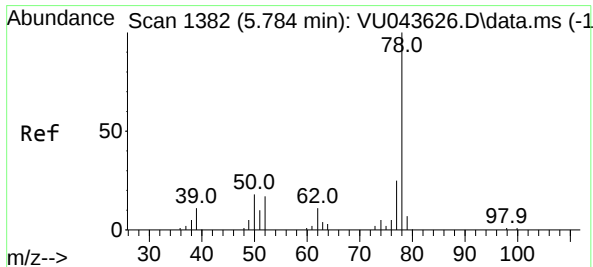
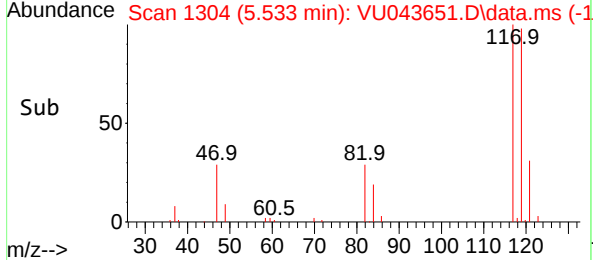
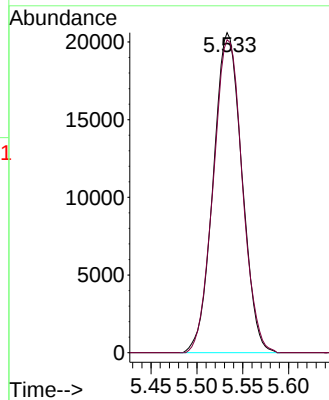
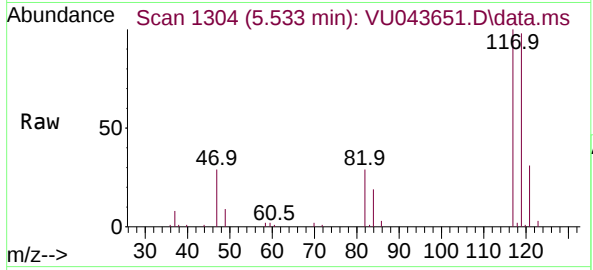




#31
Carbon tetrachloride
Concen: 4.78 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

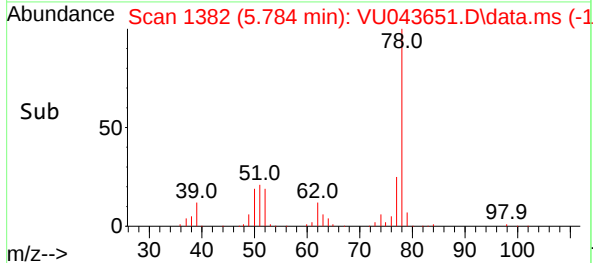
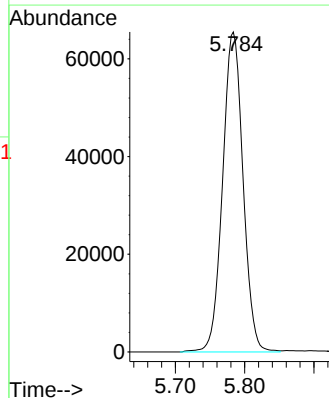
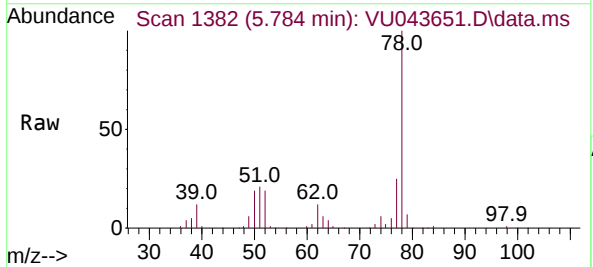
Instrument :
MSVOA_U
ClientSampled :

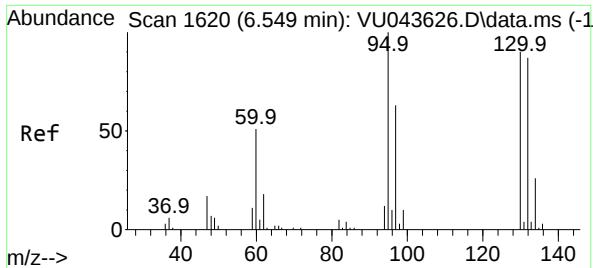
Tgt Ion:117 Resp: 44721
Ion Ratio Lower Upper
117 100
119 99.2 77.0 115.6



#33
Benzene
Concen: 5.26 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 78 Resp: 134459



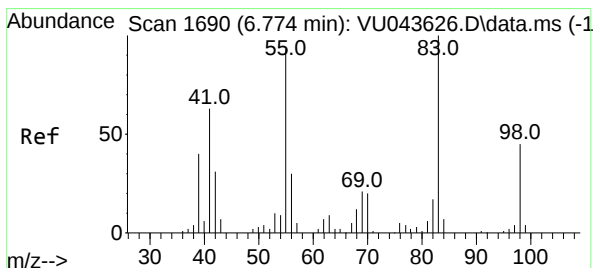
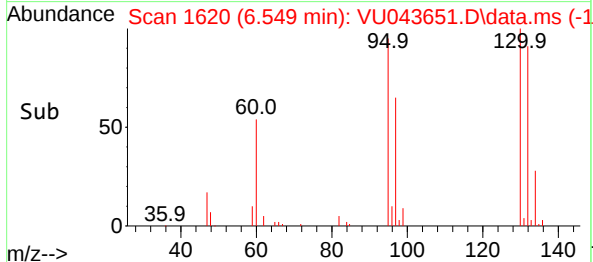
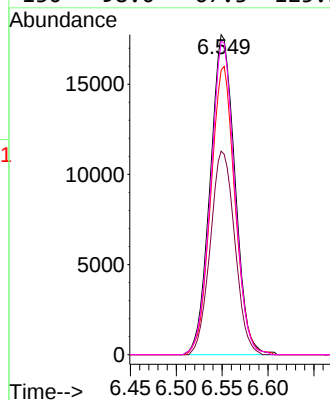
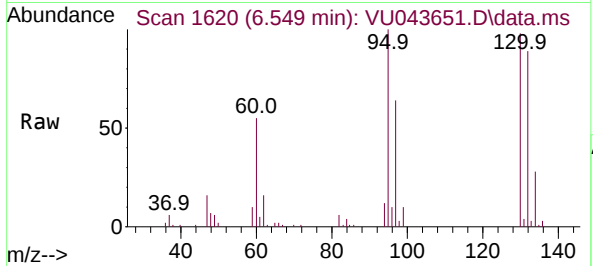


#34
Trichloroethene
Concen: 5.10 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 33282

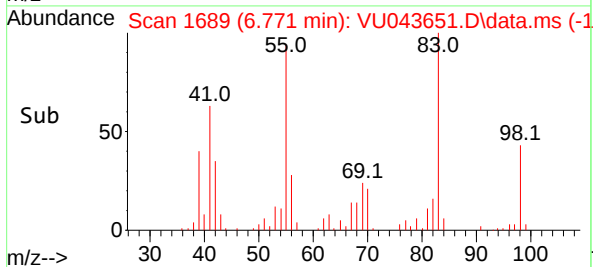
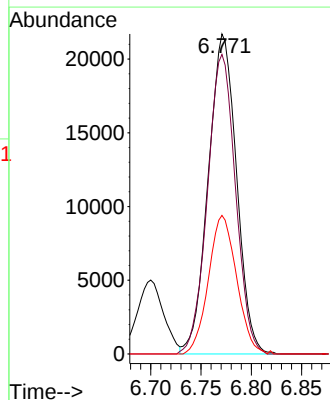
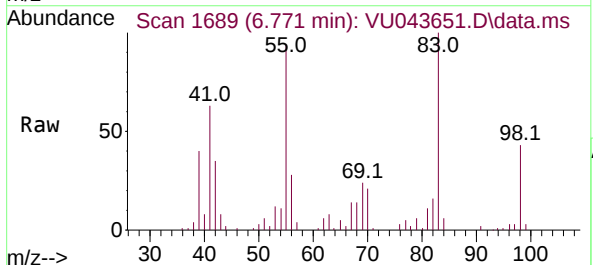
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.5	86.5
132	89.0	64.1	119.1
130	98.0	67.3	125.1

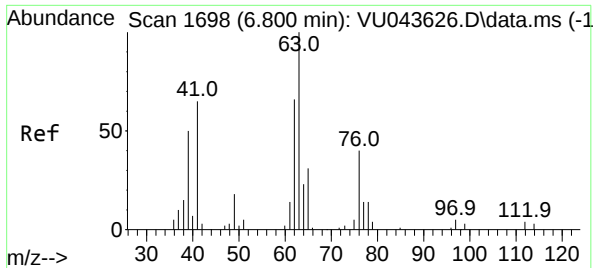


#35
Methylcyclohexane
Concen: 5.04 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 83 Resp: 42508

Ion	Ratio	Lower	Upper
83	100		
55	92.6	75.8	113.8
98	42.9	35.5	53.3

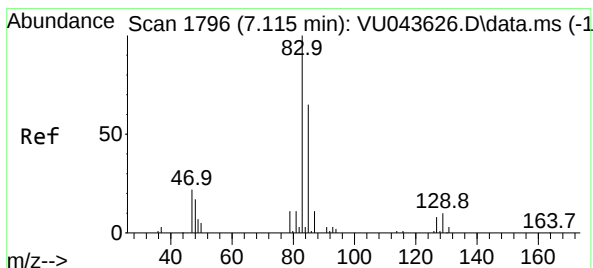
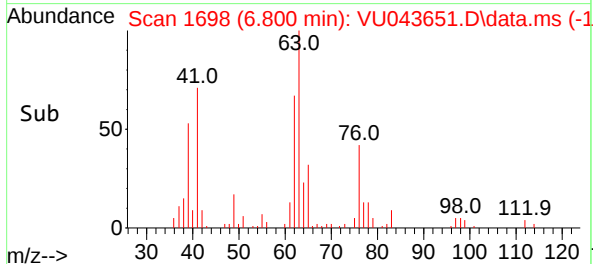
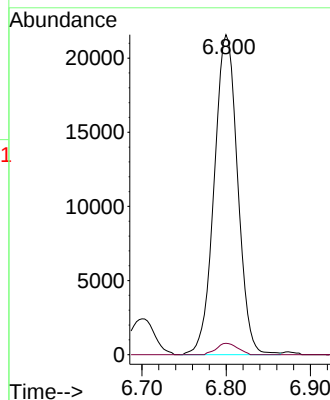
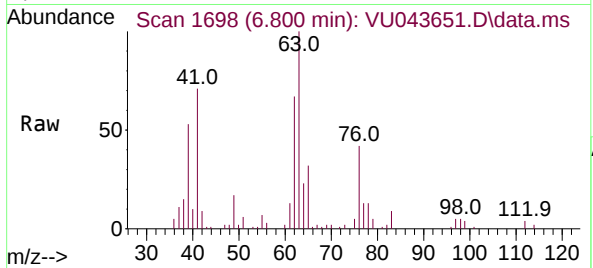




#37
1,2-Dichloropropane
Concen: 5.47 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

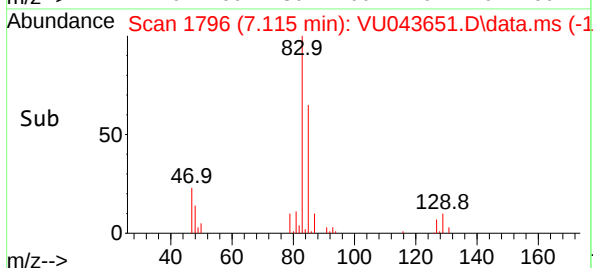
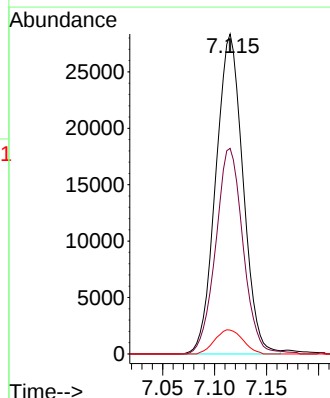
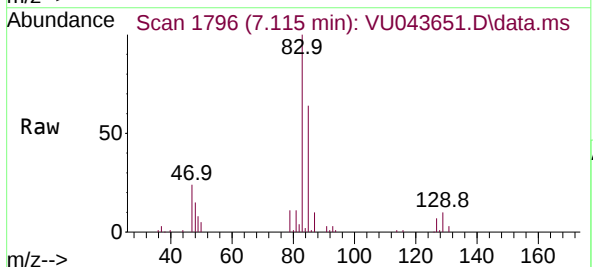
Instrument :
MSVOA_U
ClientSampled :

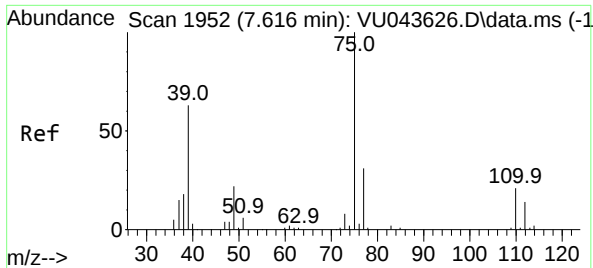
Tgt Ion: 63 Resp: 41716
Ion Ratio Lower Upper
63 100
112 3.2 2.6 3.8



#38
Bromodichloromethane
Concen: 5.22 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 83 Resp: 51576
Ion Ratio Lower Upper
83 100
85 64.2 43.3 80.5
127 7.5 6.2 9.4

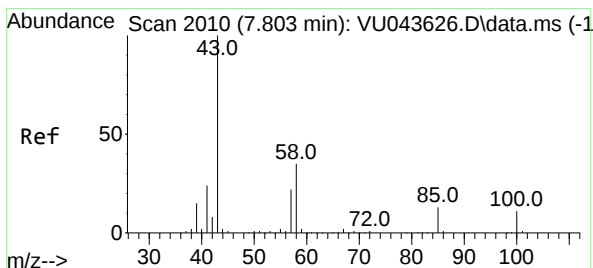
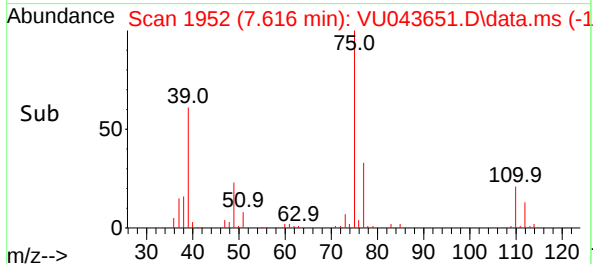
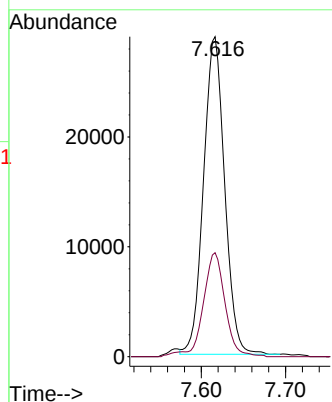
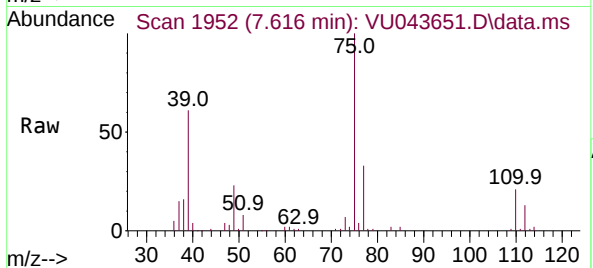




#39
 cis-1,3-Dichloropropene
 Concen: 4.98 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU043651.D
 Acq: 10 May 2021 20:19

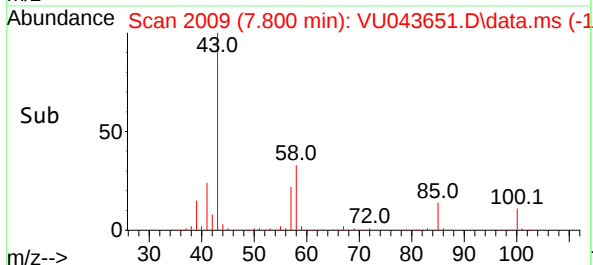
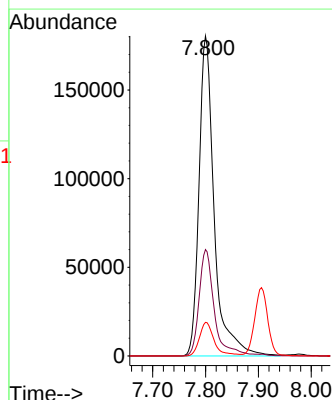
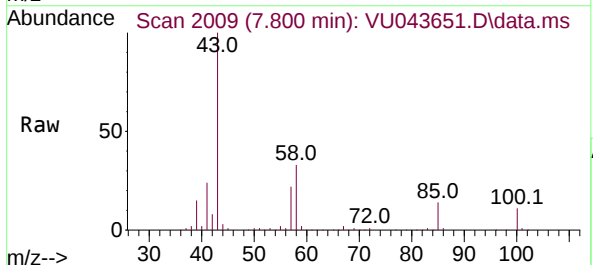
Instrument :
 MSVOA_U
 ClientSampled :

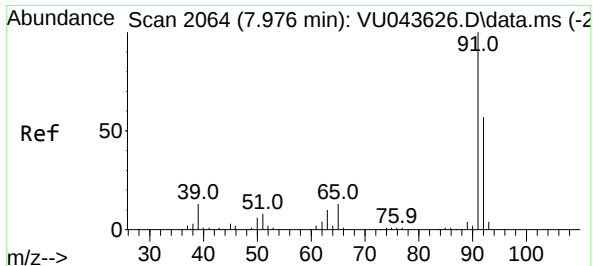
Tgt Ion: 75 Resp: 50421
 Ion Ratio Lower Upper
 75 100
 77 32.5 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 57.82 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU043651.D
 Acq: 10 May 2021 20:19

Tgt Ion: 43 Resp: 360964
 Ion Ratio Lower Upper
 43 100
 58 33.6 26.9 40.3
 100 10.3 8.6 13.0

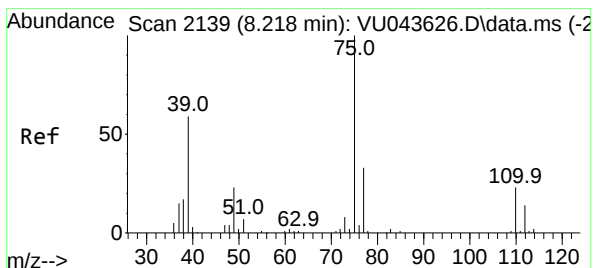
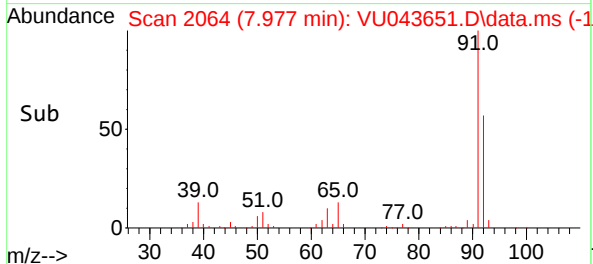
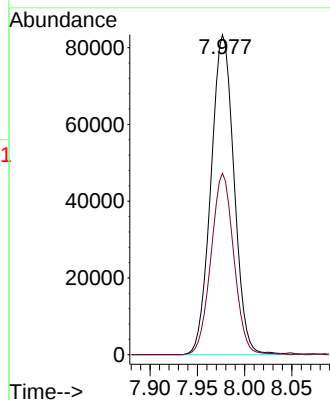
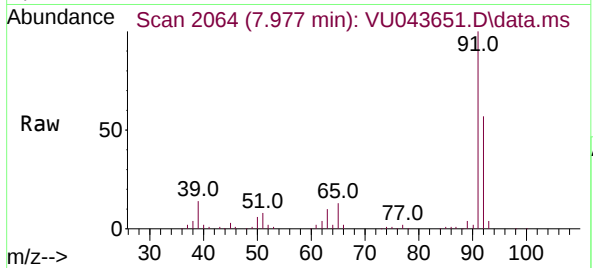




#42
Toluene
Concen: 5.31 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

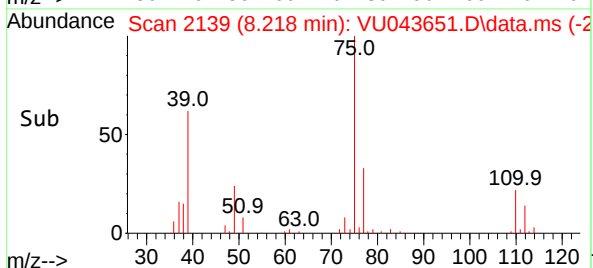
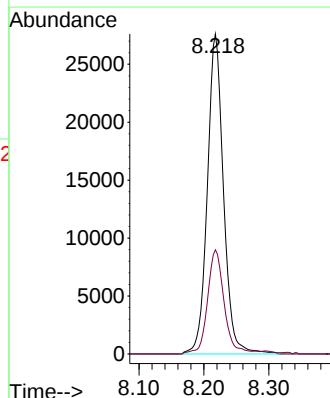
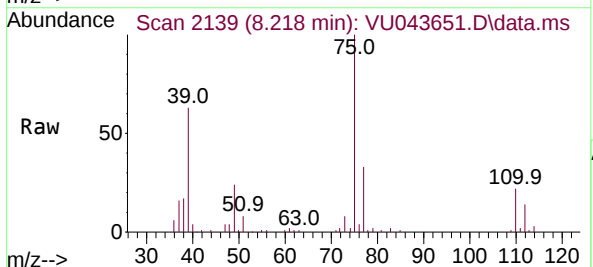
Instrument :
MSVOA_U
ClientSampled :

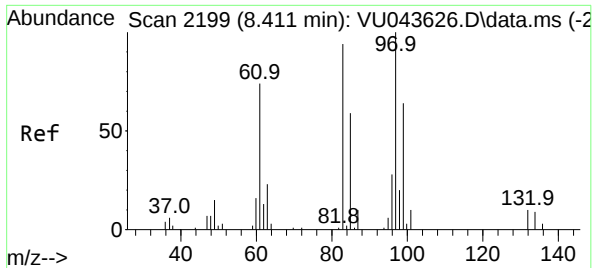
Tgt Ion: 91 Resp: 141780
Ion Ratio Lower Upper
91 100
92 56.7 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 5.20 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 75 Resp: 47882
Ion Ratio Lower Upper
75 100
77 32.5 23.3 43.3

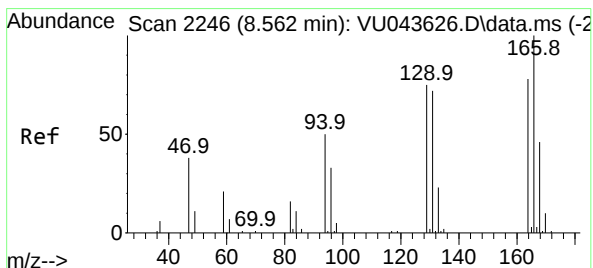
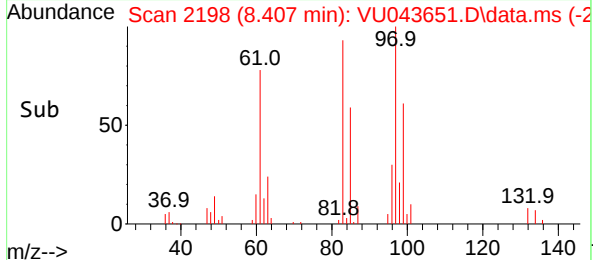
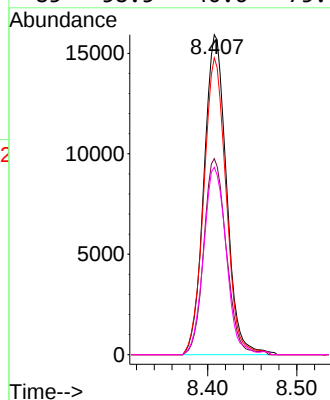
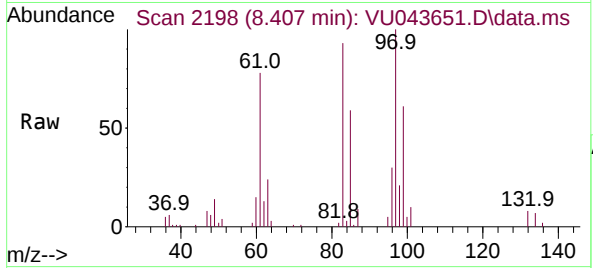




#45
1,1,2-Trichloroethane
Concen: 5.30 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

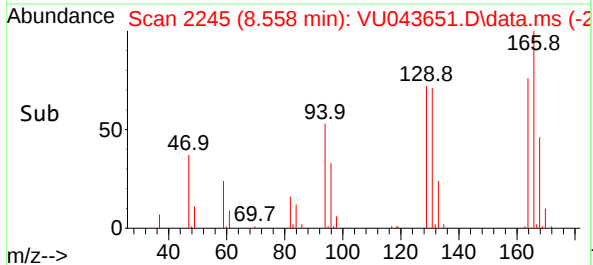
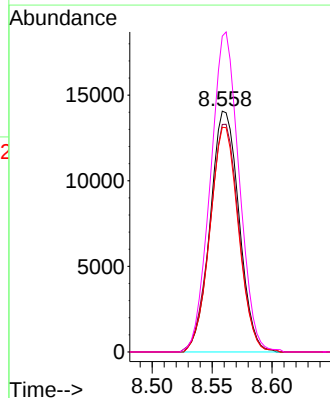
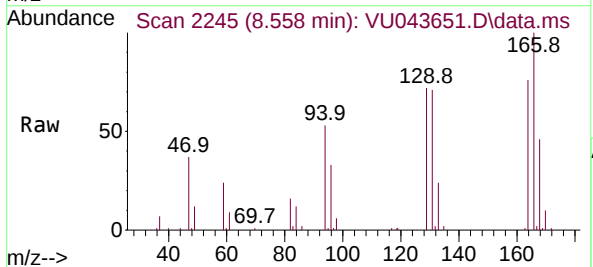
Instrument :
MSVOA_U
ClientSampleId :

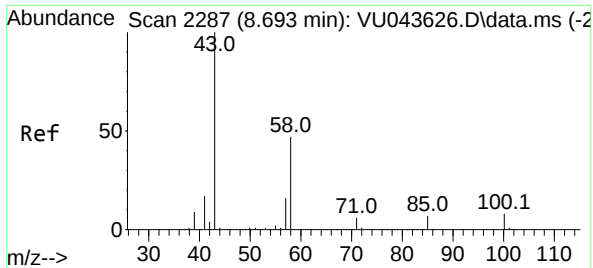
Tgt Ion:	97	Resp:	27914
Ion	Ratio	Lower	Upper
97	100		
99	61.2	42.6	79.0
83	92.8	64.1	119.1
85	58.5	40.6	75.4



#47
Tetrachloroethene
Concen: 4.89 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion:	164	Resp:	23512
Ion	Ratio	Lower	Upper
164	100		
129	94.5	62.5	116.1
131	93.3	64.9	120.5
166	131.2	89.0	165.2



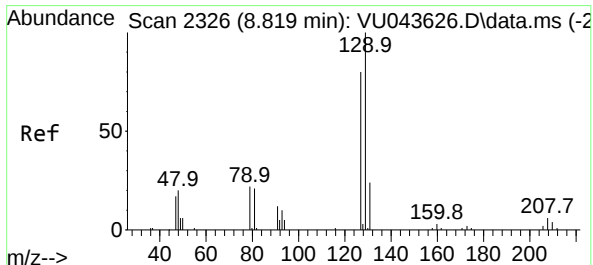
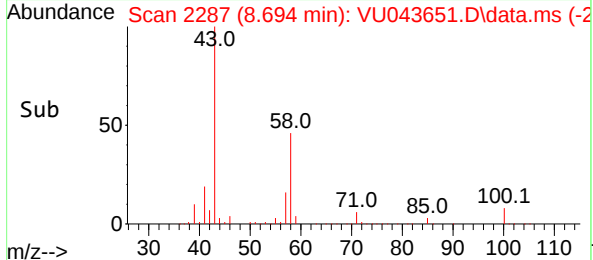
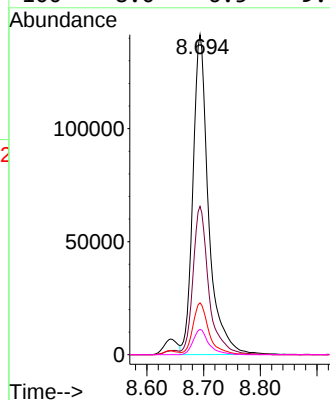
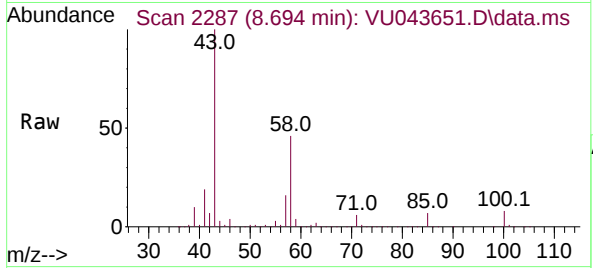


#48
2-Hexanone
Concen: 58.51 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 270962

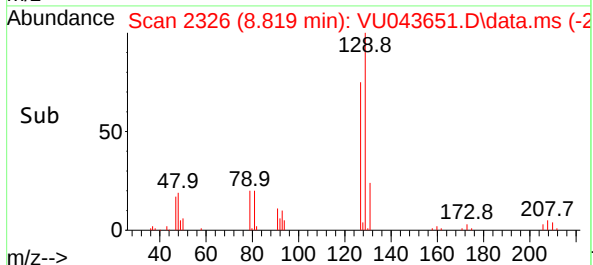
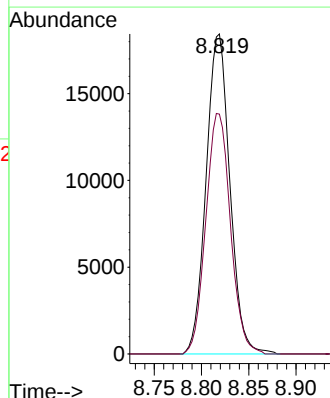
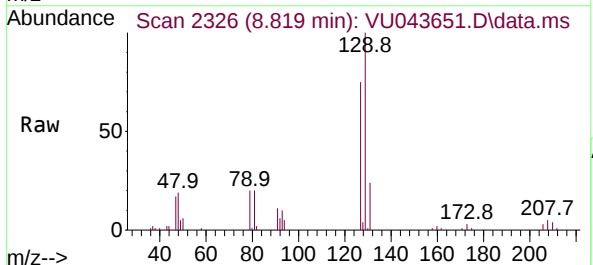
Ion	Ratio	Lower	Upper
43	100		
58	46.8	36.8	55.2
57	16.3	13.2	19.8
100	8.0	6.5	9.7

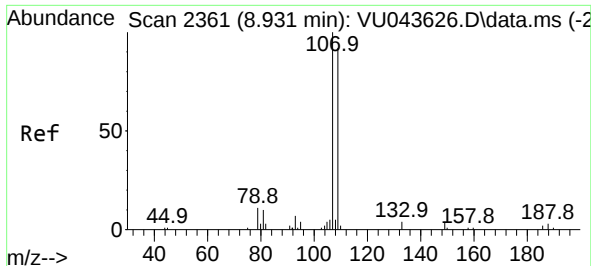


#49
Dibromochloromethane
Concen: 5.06 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 129 Resp: 32250

Ion	Ratio	Lower	Upper
129	100		
127	75.0	52.4	97.4

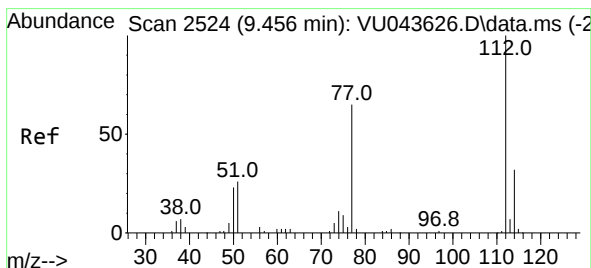
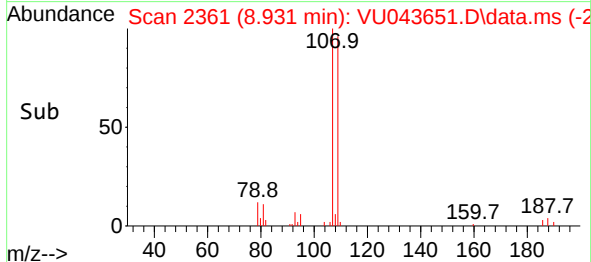
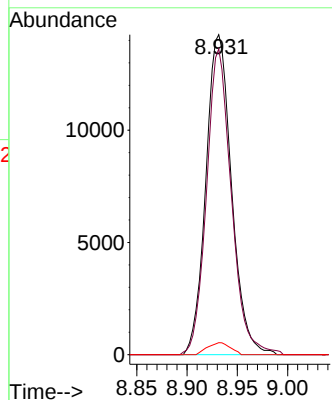
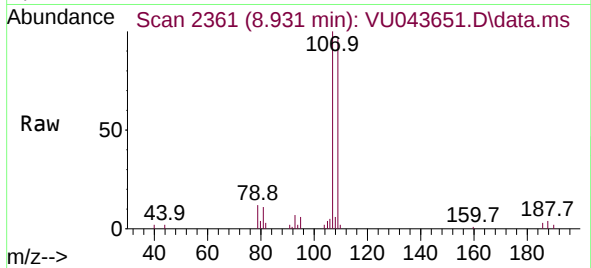




#50
1,2-Dibromoethane
Concen: 5.18 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

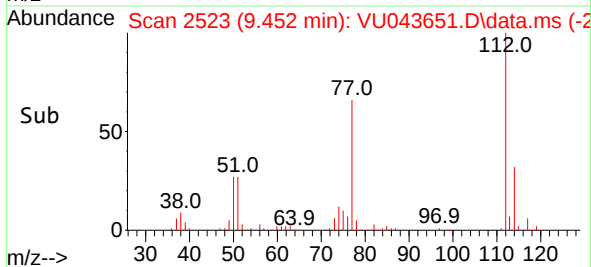
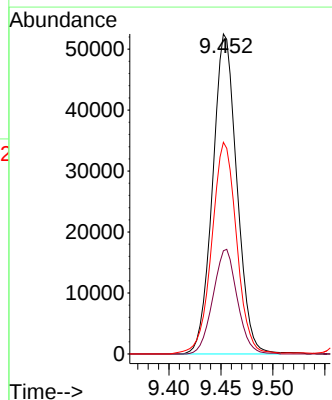
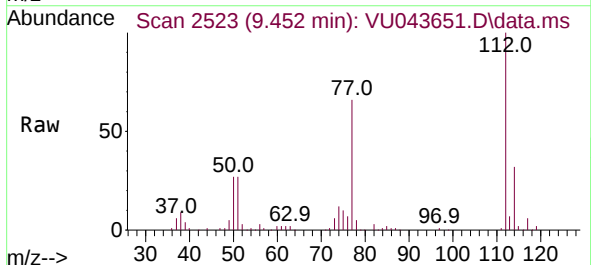
Instrument :
MSVOA_U
ClientSampleId :

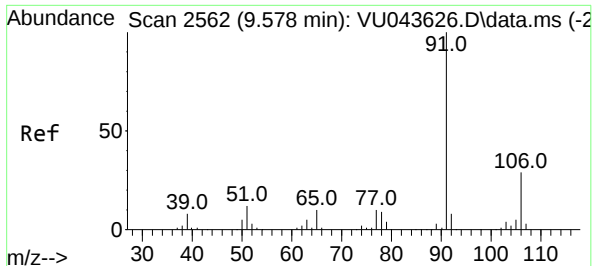
Tgt Ion:	107	Resp:	25389
Ion	Ratio	Lower	Upper
107	100		
109	95.6	67.6	125.6
188	3.7	2.6	3.8



#51
Chlorobenzene
Concen: 5.02 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion:	112	Resp:	85283
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.0	41.0
77	66.1	51.0	76.4

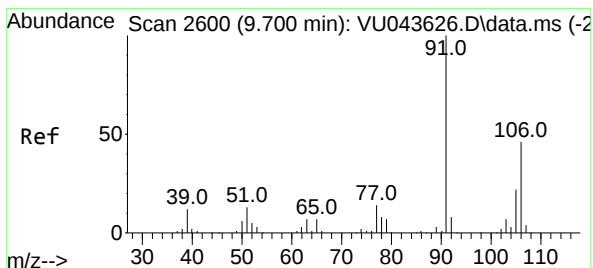
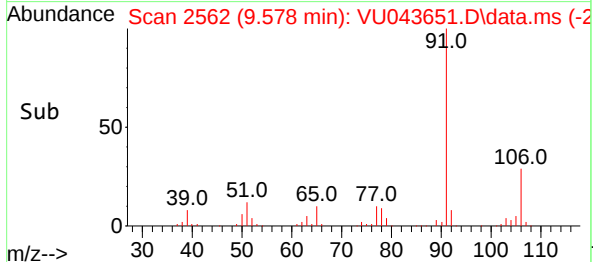
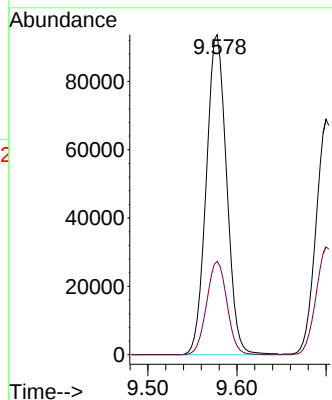
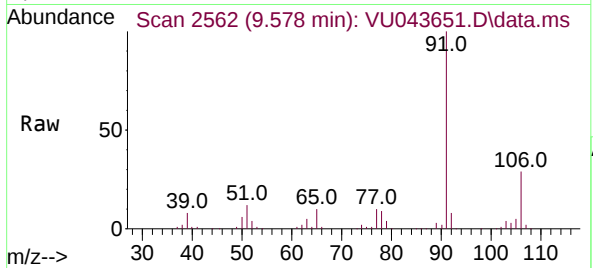




#52
Ethylbenzene
Concen: 5.24 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

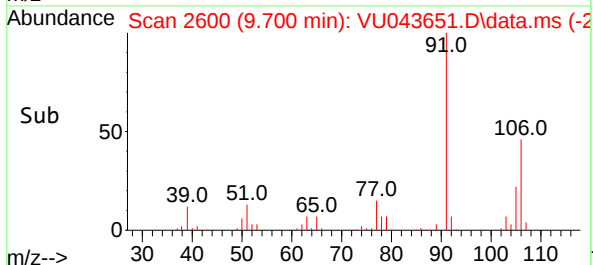
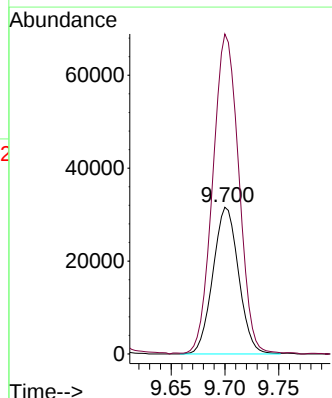
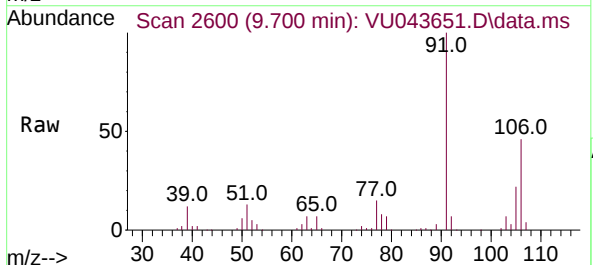
Instrument :
MSVOA_U
ClientSampled :

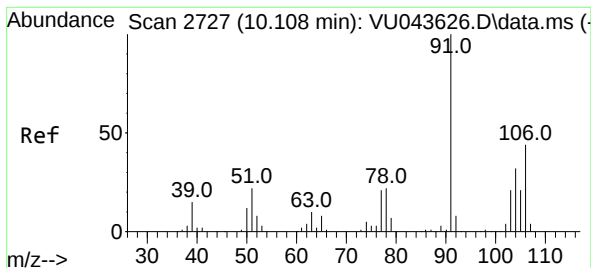
Tgt Ion: 91 Resp: 148519
Ion Ratio Lower Upper
91 100
106 29.2 20.5 38.1



#53
m,p-Xylene
Concen: 5.09 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 106 Resp: 52434
Ion Ratio Lower Upper
106 100
91 218.0 150.3 279.1

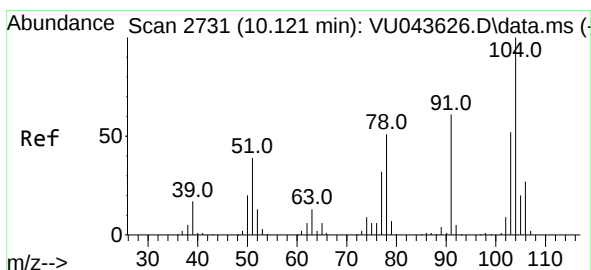
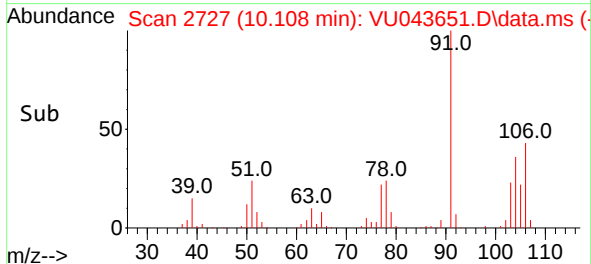
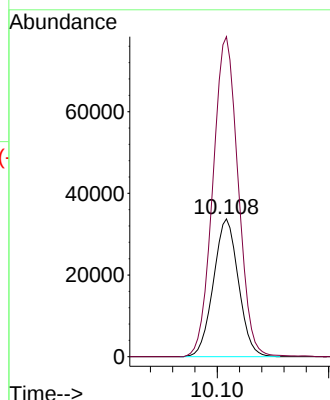
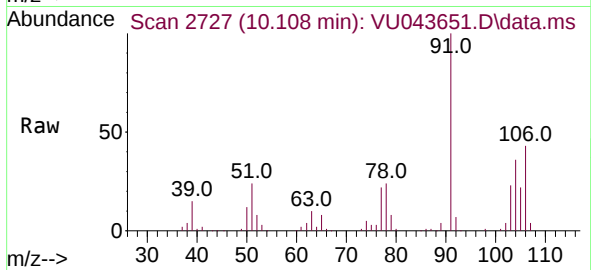




#54
o-Xylene
Concen: 5.25 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

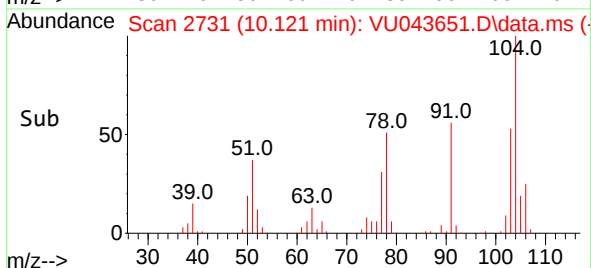
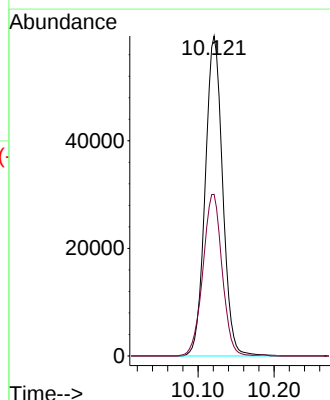
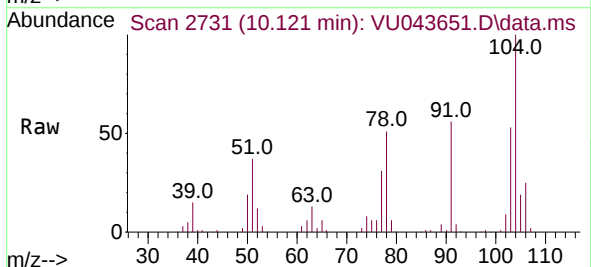
Instrument :
MSVOA_U
ClientSampleId :

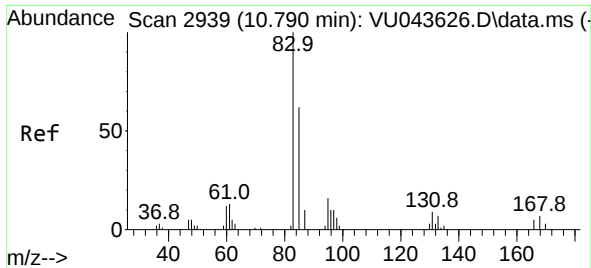
Tgt Ion:106 Resp: 52563
Ion Ratio Lower Upper
106 100
91 232.3 157.3 292.1



#55
Styrene
Concen: 5.40 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion:104 Resp: 94732
Ion Ratio Lower Upper
104 100
78 50.5 35.3 65.5

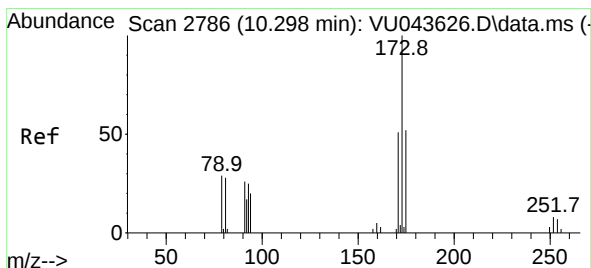
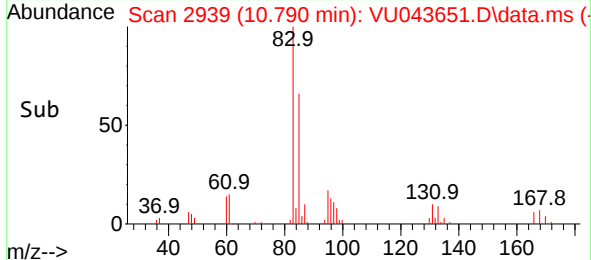
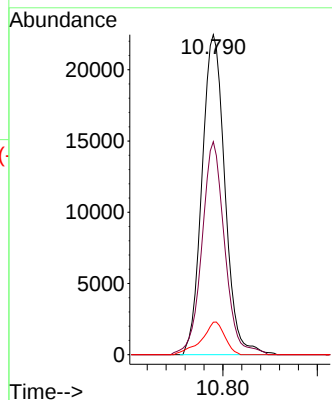
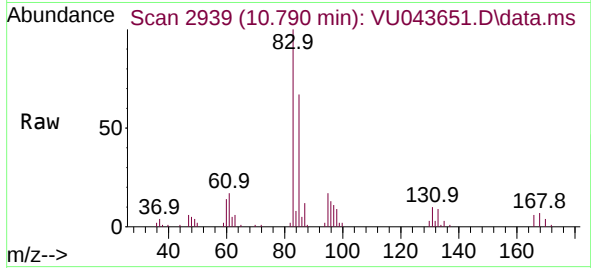




#57
1,1,2,2-Tetrachloroethane
Concen: 5.31 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

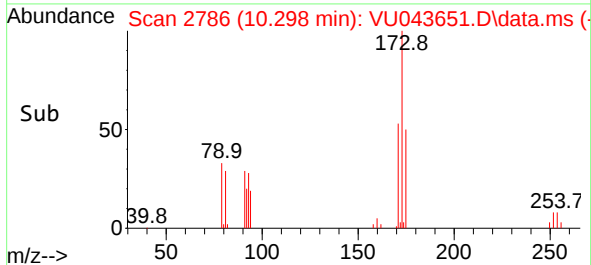
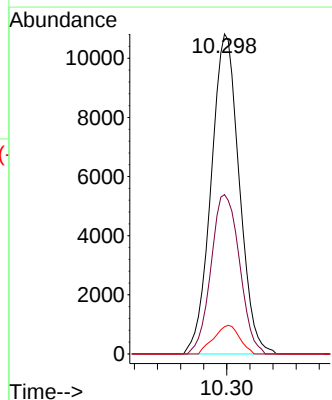
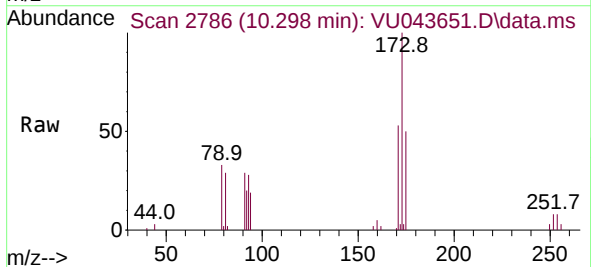
Instrument :
MSVOA_U
ClientSampleId :

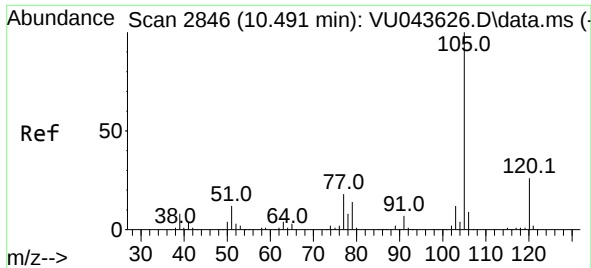
Tgt Ion:	83	Resp:	37753
Ion	Ratio	Lower	Upper
83	100		
85	66.6	42.6	79.0
131	10.1	7.4	11.2



#59
Bromoform
Concen: 5.09 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion:	173	Resp:	18277
Ion	Ratio	Lower	Upper
173	100		
175	50.5	39.4	59.0
254	8.2	5.9	8.9

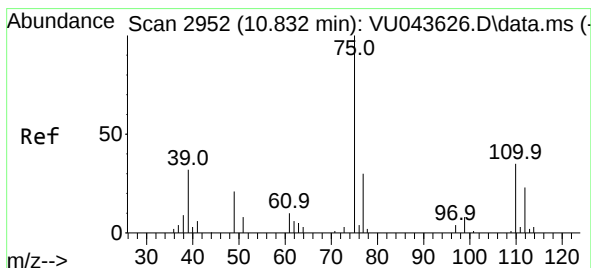
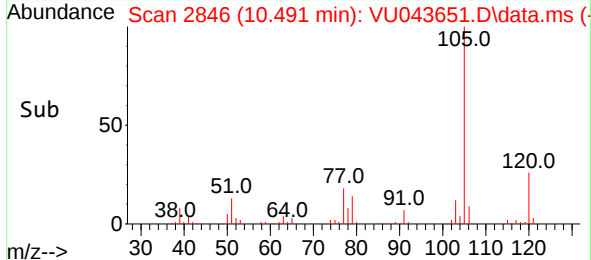
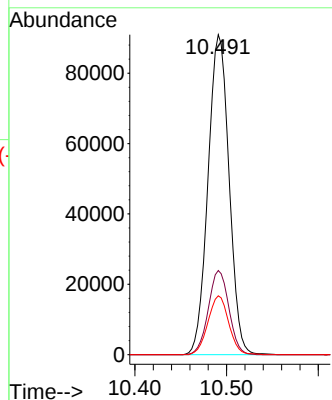
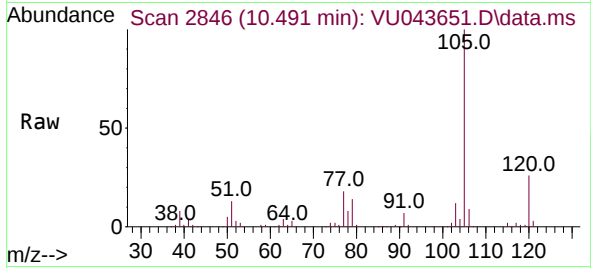




#60
Isopropylbenzene
Concen: 5.39 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

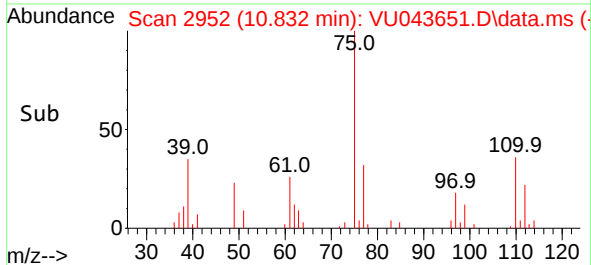
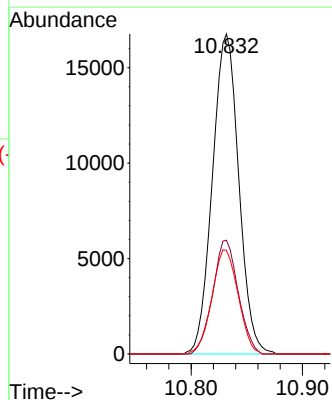
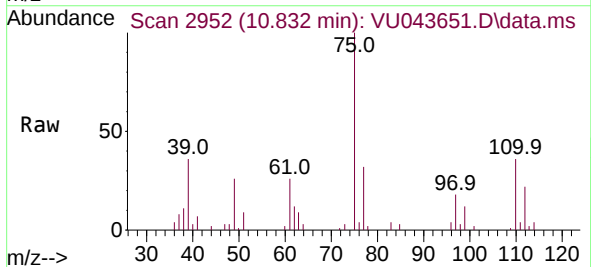
Instrument :
MSVOA_U
ClientSampled :

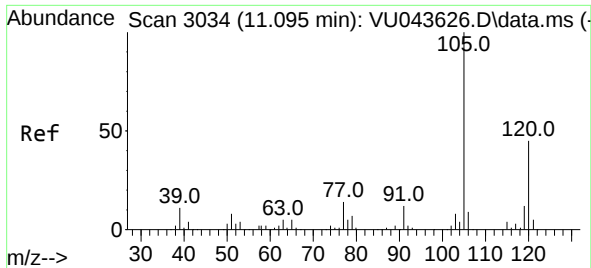
Tgt Ion:105 Resp: 144869
Ion Ratio Lower Upper
105 100
120 25.7 20.4 30.6
77 18.1 14.6 21.8



#61
1,2,3-Trichloropropane
Concen: 5.52 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 75 Resp: 27558
Ion Ratio Lower Upper
75 100
110 34.4 28.6 42.8
77 32.3 25.7 38.5

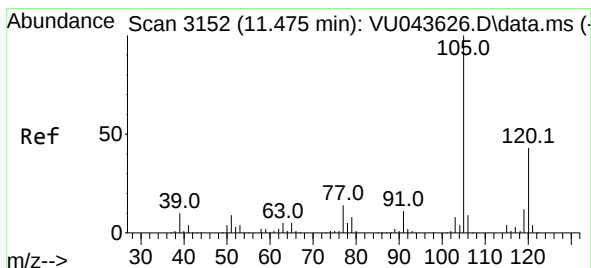
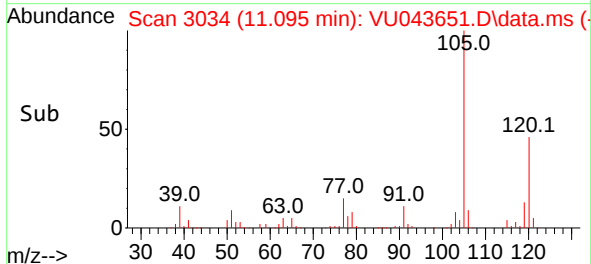
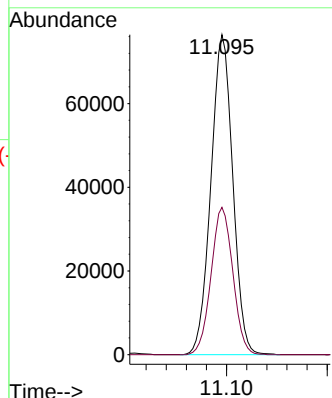
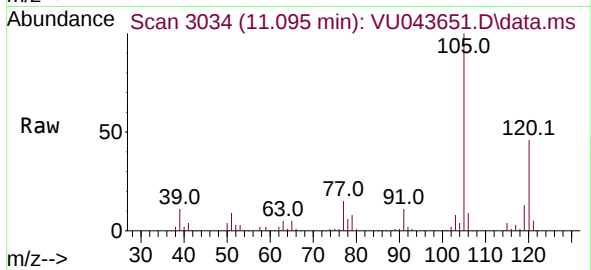




#62
1,3,5-Trimethylbenzene
Concen: 5.46 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

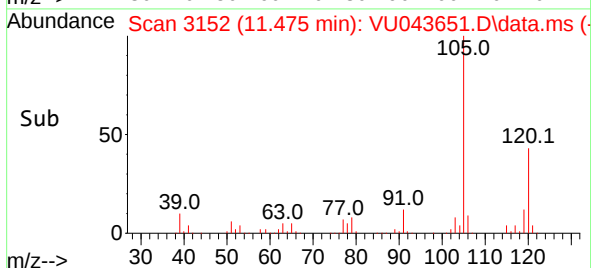
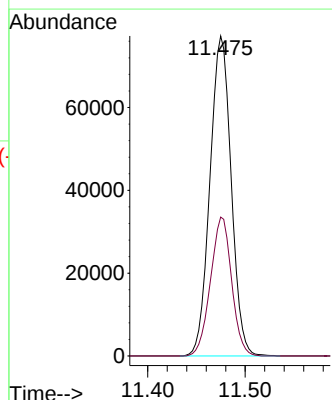
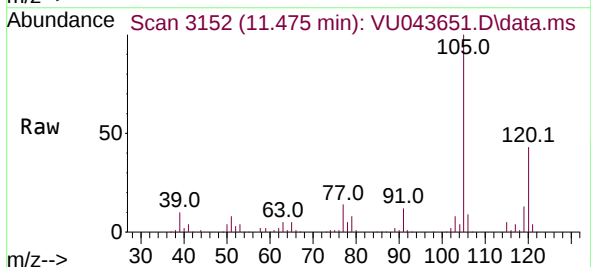
Instrument :
MSVOA_U
ClientSampleId :

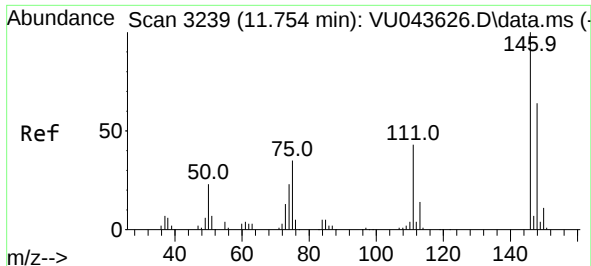
Tgt Ion:105 Resp: 115395
Ion Ratio Lower Upper
105 100
120 45.9 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 5.52 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion:105 Resp: 116874
Ion Ratio Lower Upper
105 100
120 43.1 35.4 53.0

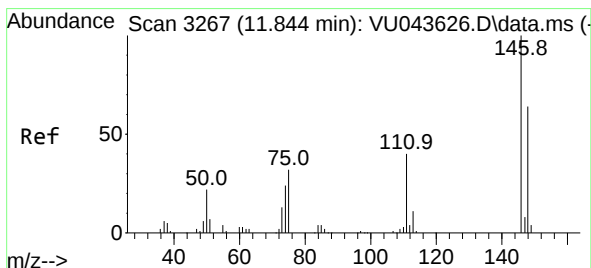
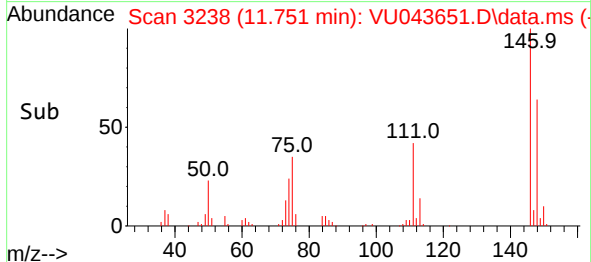
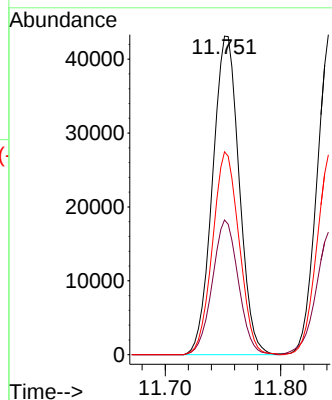
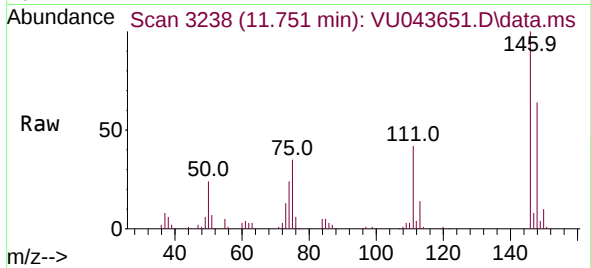




#64
1,3-Dichlorobenzene
Concen: 5.19 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

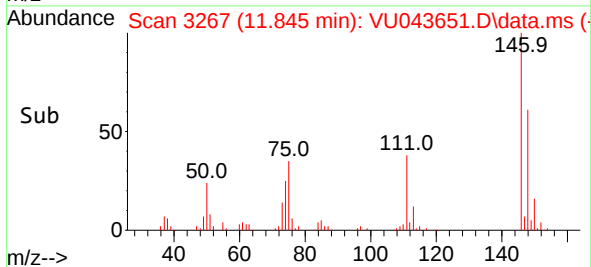
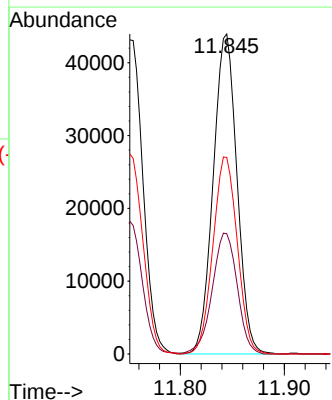
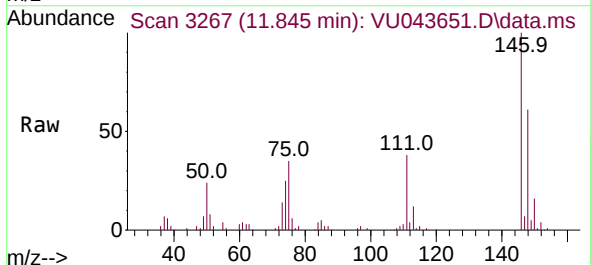
Instrument :
MSVOA_U
ClientSampleId :

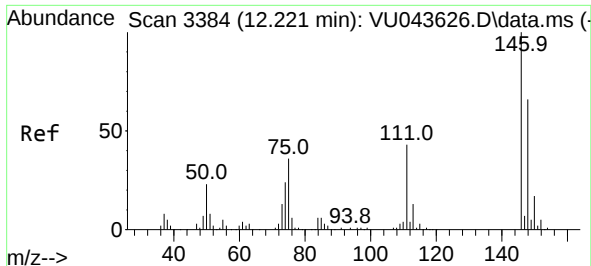
Tgt Ion:146 Resp: 69113
Ion Ratio Lower Upper
146 100
111 42.3 28.9 53.7
148 63.7 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.11 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion:146 Resp: 69966
Ion Ratio Lower Upper
146 100
111 37.6 27.6 51.2
148 61.4 44.6 82.8

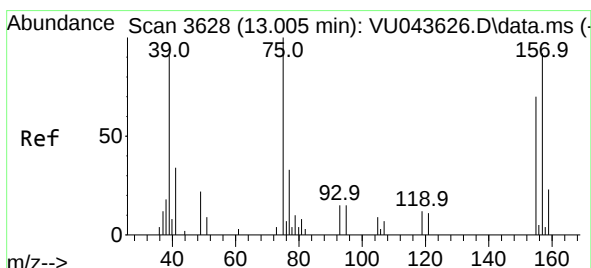
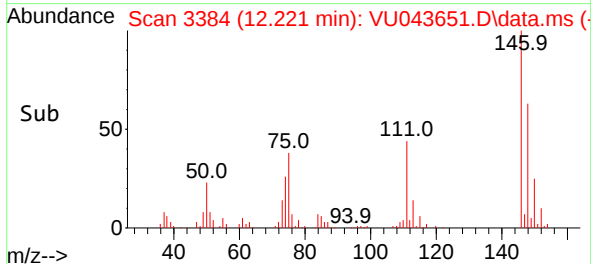
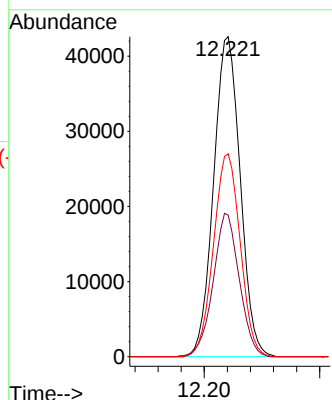
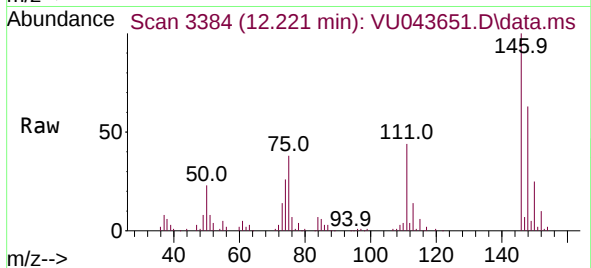




#67
1,2-Dichlorobenzene
Concen: 5.08 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

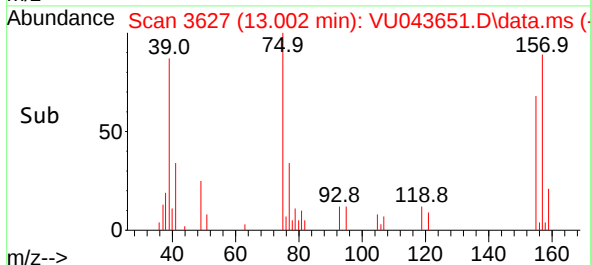
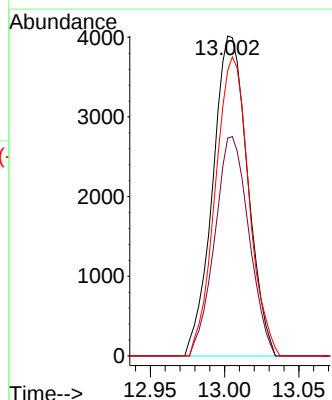
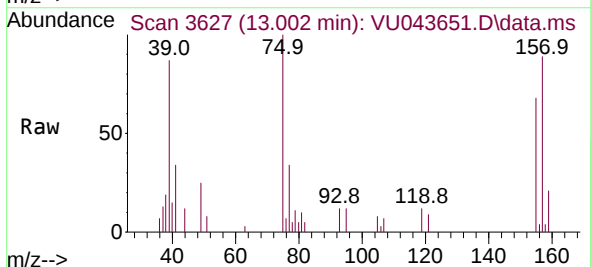
Instrument :
MSVOA_U
ClientSampled :

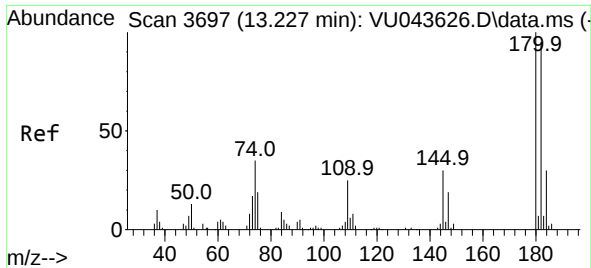
Tgt Ion:146 Resp: 68096
Ion Ratio Lower Upper
146 100
111 44.3 32.6 49.0
148 63.4 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.52 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion: 75 Resp: 6577
Ion Ratio Lower Upper
75 100
155 68.1 57.8 86.6
157 89.3 68.5 102.7

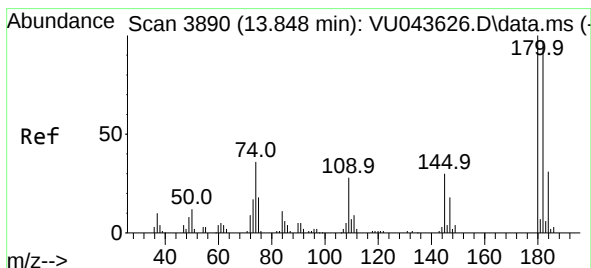
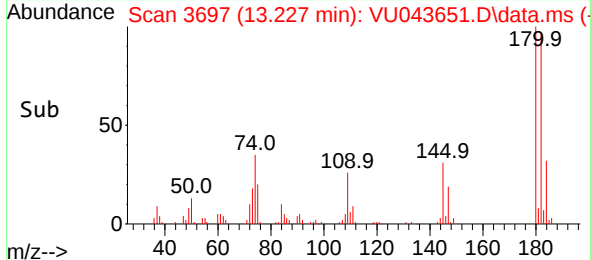
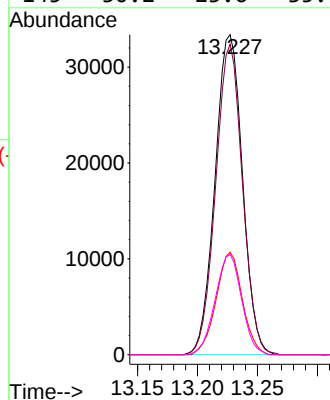
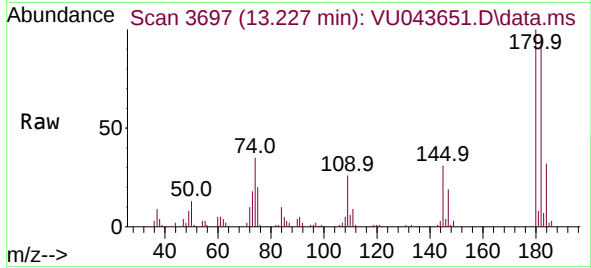




#69
1,3,5-Trichlorobenzene
Concen: 5.03 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

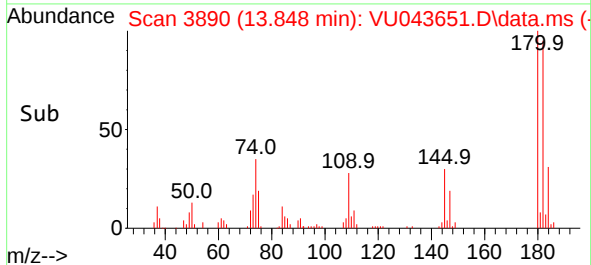
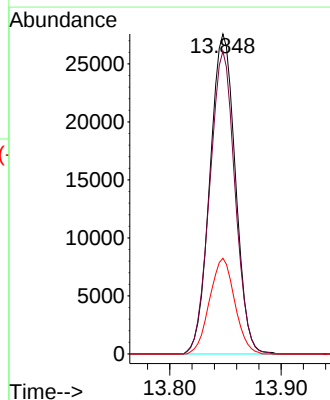
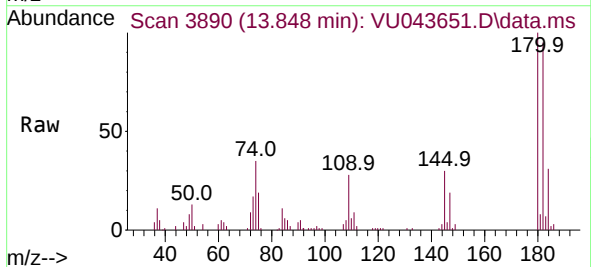
Instrument :
MSVOA_U
ClientSampleId :

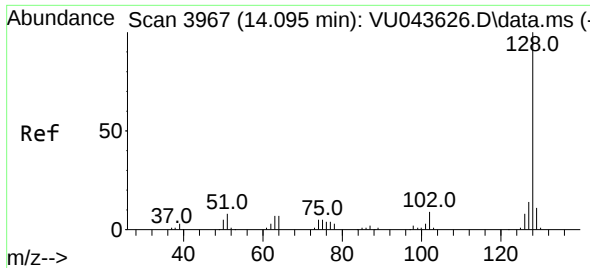
Tgt Ion:	180	Resp:	53024
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.0	114.0
184	30.6	24.1	36.1
145	30.2	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 5.02 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion:	180	Resp:	43672
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.9	113.9
145	29.6	24.6	37.0

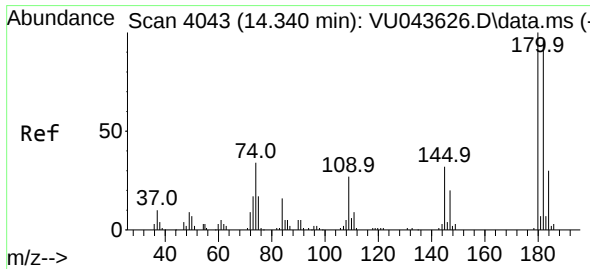
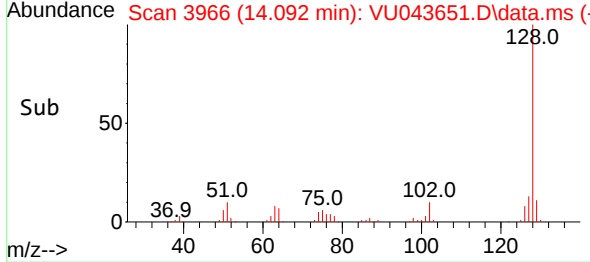
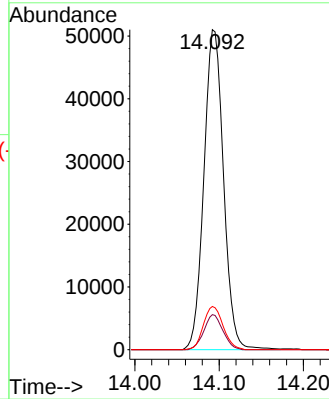
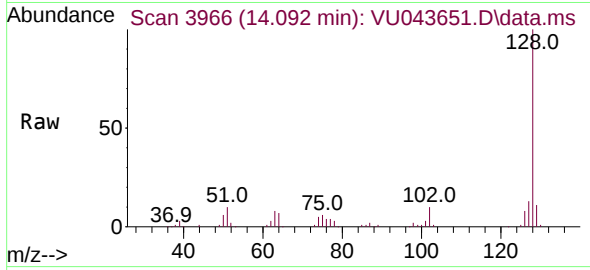




#71
Naphthalene
Concen: 5.52 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	82796
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.6	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.28 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU043651.D
Acq: 10 May 2021 20:19

Tgt Ion:	180	Resp:	43130
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.7	113.5
145	31.3	25.7	38.5

