

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043695.D
 Acq On : 13 May 2021 10:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:44:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	97792	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	96963	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48911	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25625	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.919	69	21727	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.572	65	13046	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.649	46	154535	63.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.60%
24) Chloroform-d	5.073	84	66292	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.710	65	41530	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.736	84	112938	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.700	67	42939	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.906	98	98212	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloroprop...	8.189	79	16557	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.642	63	96801	62.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.40%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	38157	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
66) 1,2-Dichlorobenzene-d4	12.198	152	36863	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.388	85	33994	5.14	ug/L 97
3) Chloromethane	1.520	50	35384	5.07	ug/L 100
5) Vinyl chloride	1.607	62	35569	5.37	ug/L 99
6) Bromomethane	1.861	94	18086	5.77	ug/L 97
8) Chloroethane	1.938	64	21641	5.06	ug/L 94
9) Trichlorofluoromethane	2.144	101	53228	5.16	ug/L 98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33428	5.25	ug/L 99
12) 1,1-Dichloroethene	2.585	96	28612	5.23	ug/L 93
13) Acetone	2.665	43	97372	59.81	ug/L 98
14) Carbon disulfide	2.800	76	67255	4.92	ug/L 99
15) Methyl Acetate	2.967	43	21326	5.74	ug/L 100
16) Methylene chloride	3.054	84	40662	4.64	ug/L 99
17) Methyl tert-butyl Ether	3.375	73	88635	5.55	ug/L 98
18) trans-1,2-Dichloroethene	3.363	96	29688	5.21	ug/L 96
19) 1,1-Dichloroethane	3.880	63	73336	5.41	ug/L 98
21) 2-Butanone	4.729	43	159475	61.10	ug/L 98
22) cis-1,2-Dichloroethene	4.674	96	34988	5.22	ug/L 94
23) Bromochloromethane	4.986	128	16004	5.37	ug/L 89
25) Chloroform	5.099	83	72534	5.03	ug/L 97

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 ALS Vial : 2 Sample Multiplier: 1

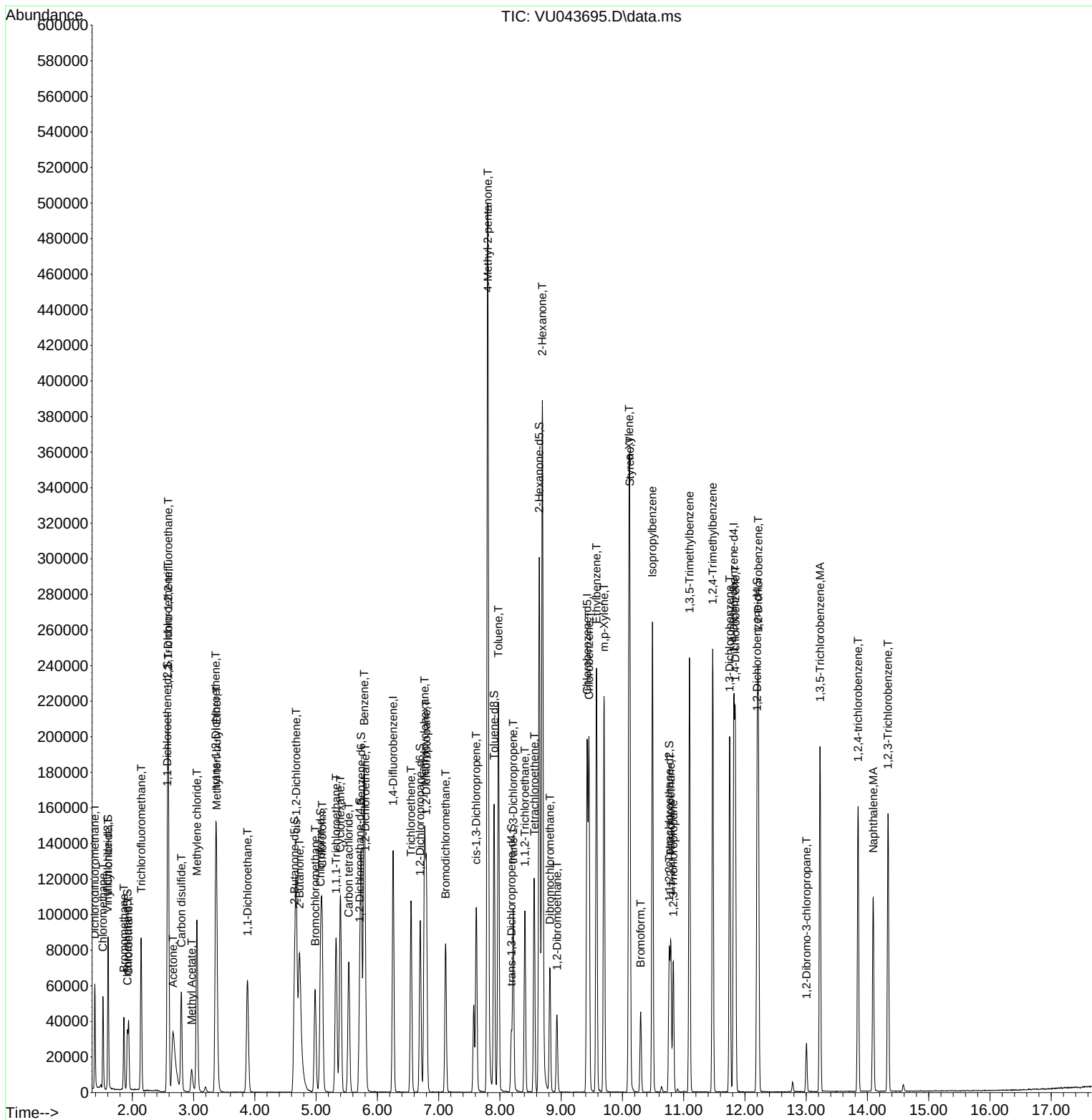
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 ClientSampleId :

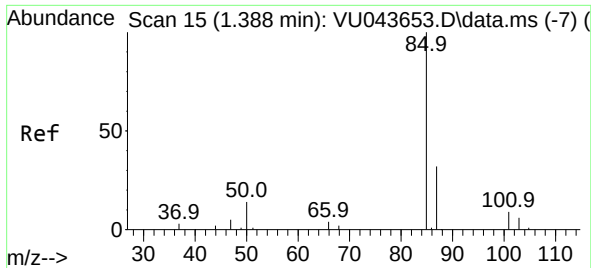
Quant Time: May 14 01:44:19 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	52077	5.31	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	59948	5.26	ug/L	98
30) Cyclohexane	5.395	56	51158	5.62	ug/L	98
31) Carbon tetrachloride	5.533	117	47453	5.08	ug/L	100
33) Benzene	5.784	78	139992	5.48	ug/L	100
34) Trichloroethene	6.549	95	35173	5.39	ug/L	96
35) Methylcyclohexane	6.771	83	45182	5.35	ug/L	99
37) 1,2-Dichloropropane	6.800	63	42845	5.62	ug/L	99
38) Bromodichloromethane	7.115	83	52553	5.32	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	55573	5.50	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	371822	59.58	ug/L	99
42) Toluene	7.977	91	147747	5.53	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	51123	5.55	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	28401	5.39	ug/L	96
47) Tetrachloroethene	8.562	164	24335	5.06	ug/L	96
48) 2-Hexanone	8.694	43	278363	60.13	ug/L	99
49) Dibromochloromethane	8.819	129	33295	5.23	ug/L	94
50) 1,2-Dibromoethane	8.932	107	25823	5.27	ug/L	96
51) Chlorobenzene	9.456	112	89733	5.28	ug/L	99
52) Ethylbenzene	9.578	91	155975	5.50	ug/L	100
53) m,p-Xylene	9.700	106	56289	5.47	ug/L	97
54) o-Xylene	10.108	106	55349	5.53	ug/L	98
55) Styrene	10.121	104	97709	5.57	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	39394	5.54	ug/L	95
59) Bromoform	10.298	173	19776	5.56	ug/L	96
60) Isopropylbenzene	10.491	105	151356	5.68	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	28834	5.83	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	120385	5.75	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	123612	5.89	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	71366	5.40	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	71704	5.29	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	70280	5.28	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.005	75	6979	5.91	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	55697	5.32	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	44849	5.20	ug/L	99
71) Naphthalene	14.095	128	80382	5.41	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	44056	5.44	ug/L	99

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

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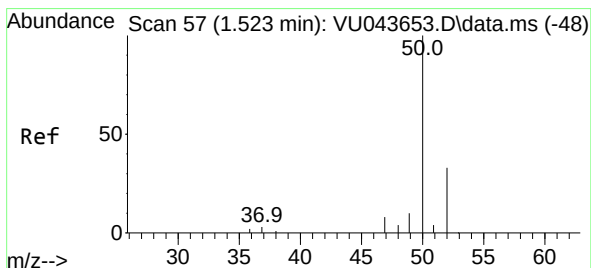
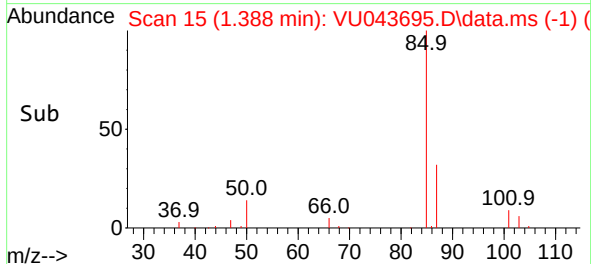
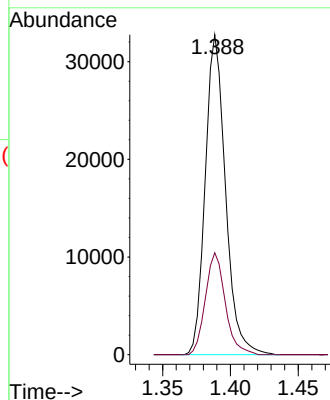
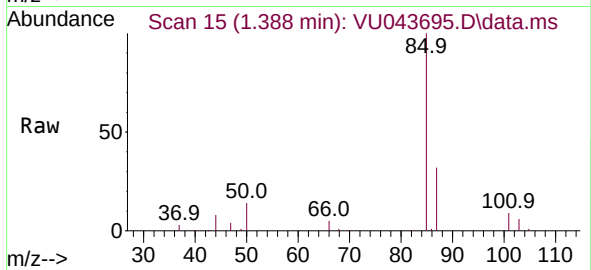




#2
Dichlorodifluoromethane
Concen: 5.14 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

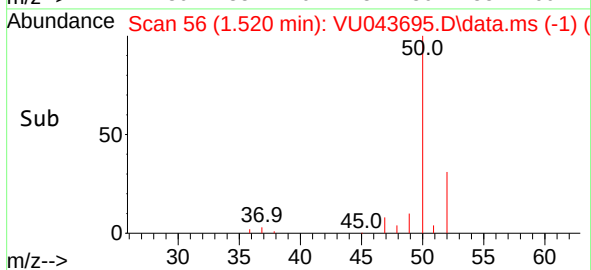
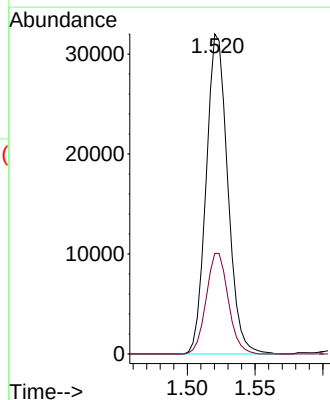
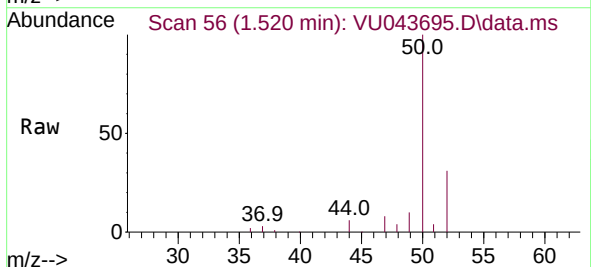
Instrument :
MSVOA_U
ClientSampleId :

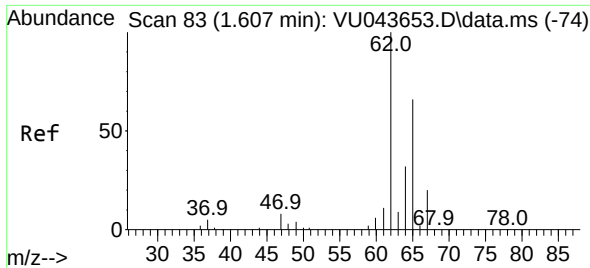
Tgt Ion: 85 Resp: 33994
Ion Ratio Lower Upper
85 100
87 31.3 26.6 39.8



#3
Chloromethane
Concen: 5.07 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 50 Resp: 35384
Ion Ratio Lower Upper
50 100
52 31.4 22.1 41.1

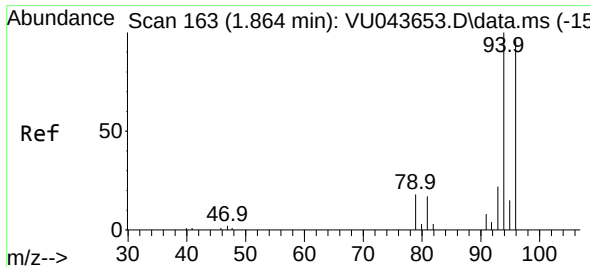
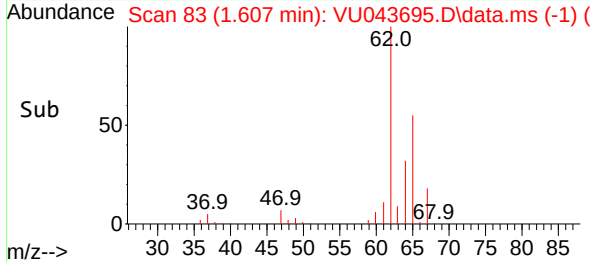
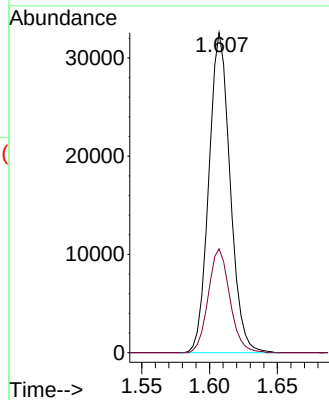
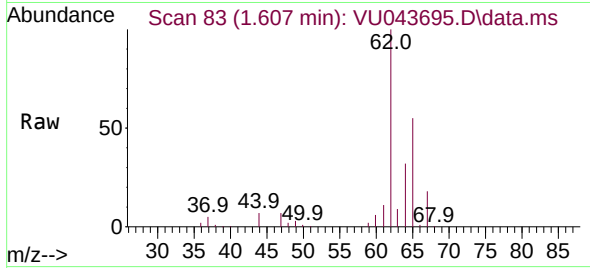




#5
 Vinyl chloride
 Concen: 5.37 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043695.D
 Acq: 13 May 2021 10:43

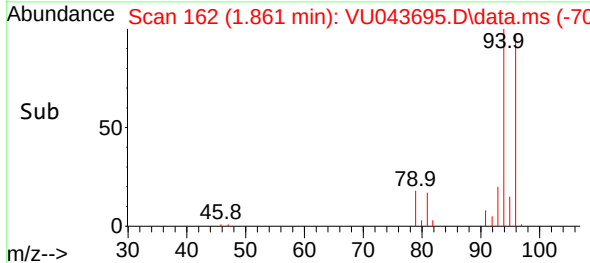
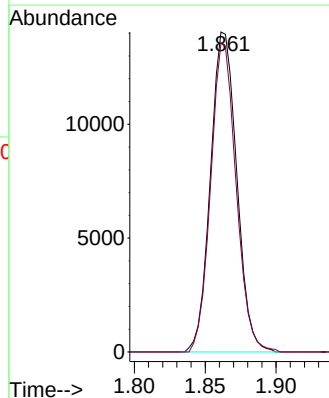
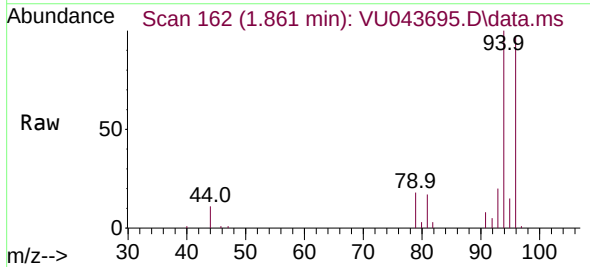
Instrument :
 MSVOA_U
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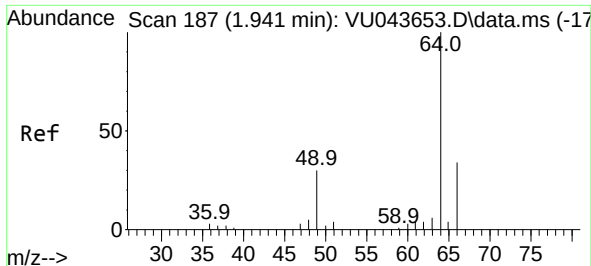
Tgt Ion: 62 Resp: 35569
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.3 41.3



#6
 Bromomethane
 Concen: 5.77 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU043695.D
 Acq: 13 May 2021 10:43

Tgt Ion: 94 Resp: 18086
 Ion Ratio Lower Upper
 94 100
 96 96.6 65.7 121.9

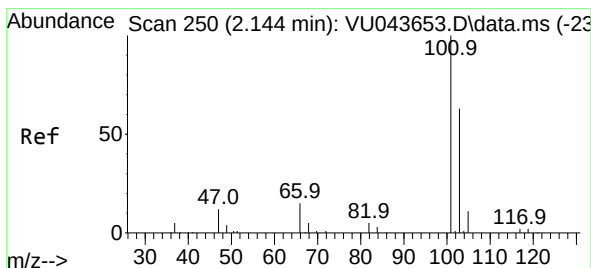
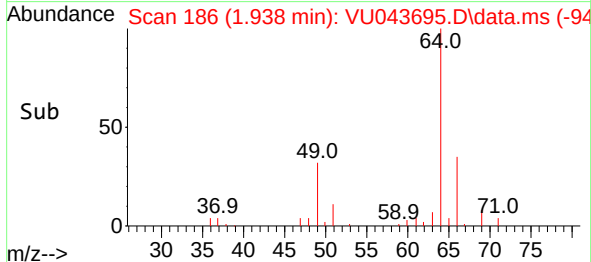
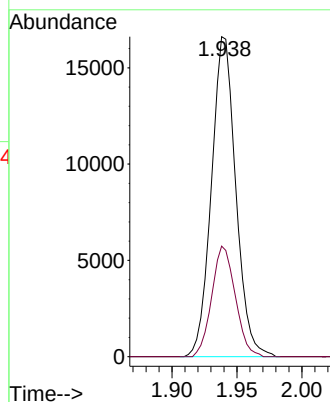
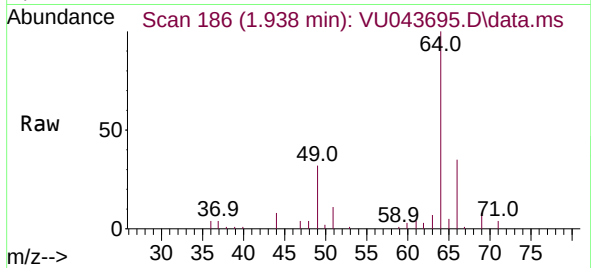




#8
Chloroethane
Concen: 5.06 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

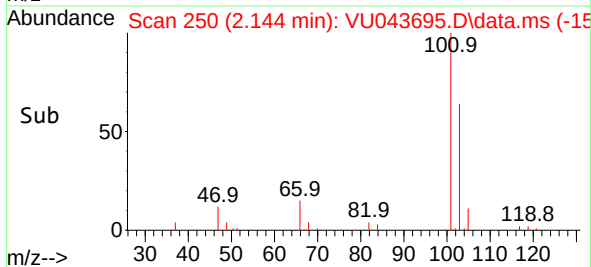
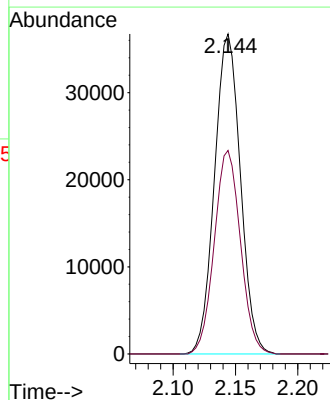
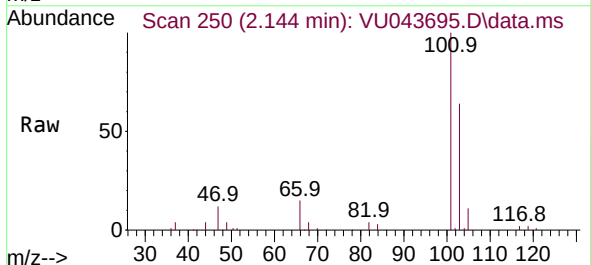
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MSVOA_U
ClientSampleId :

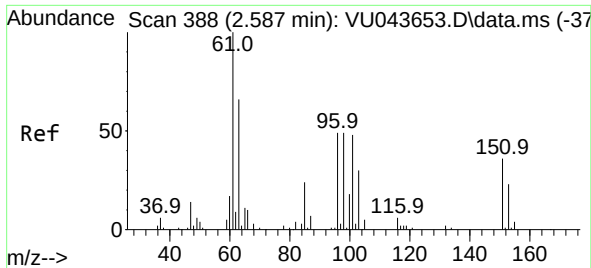
Tgt Ion: 64 Resp: 21641
Ion Ratio Lower Upper
64 100
66 34.6 21.8 40.4



#9
Trichlorofluoromethane
Concen: 5.16 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion:101 Resp: 53228
Ion Ratio Lower Upper
101 100
103 64.1 52.6 78.8

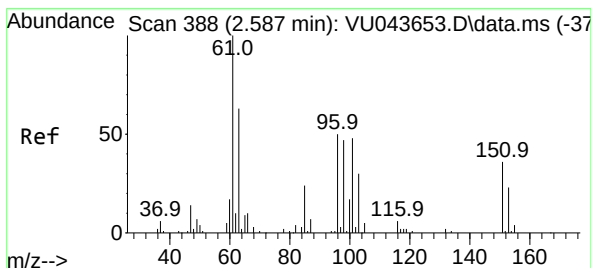
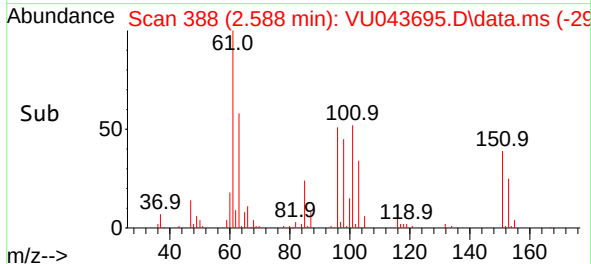
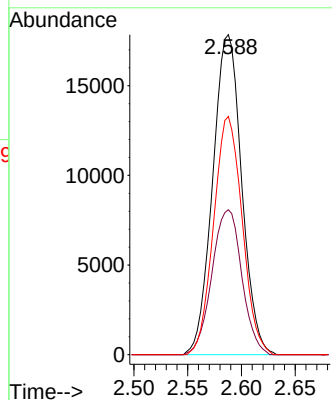
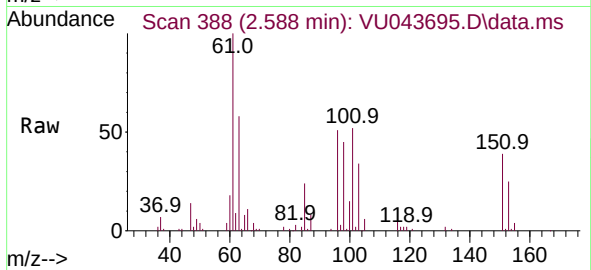




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.25 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU043695.D
 Acq: 13 May 2021 10:43

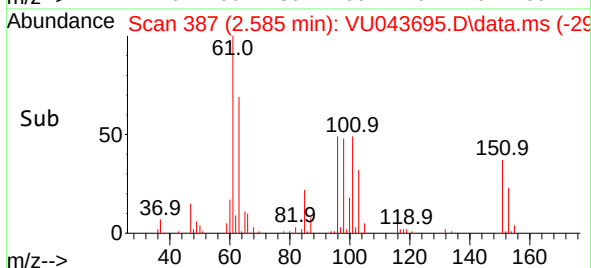
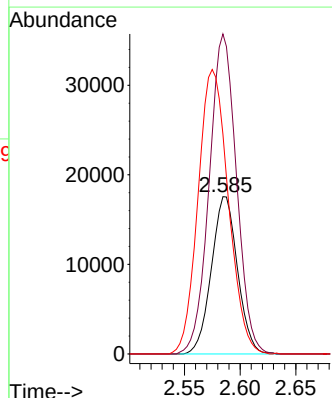
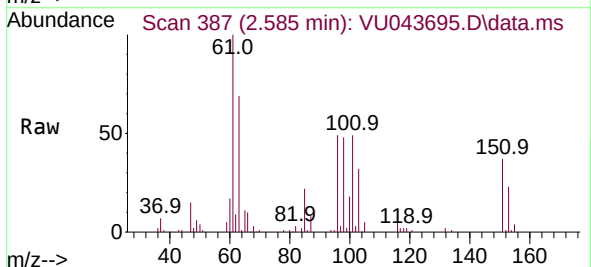
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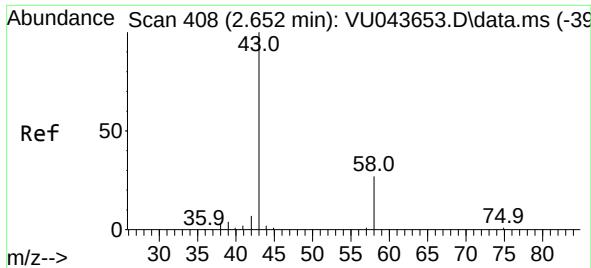
Tgt Ion:101 Resp: 33428
 Ion Ratio Lower Upper
 101 100
 85 46.8 38.5 57.7
 151 73.6 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 5.23 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU043695.D
 Acq: 13 May 2021 10:43

Tgt Ion: 96 Resp: 28612
 Ion Ratio Lower Upper
 96 100
 61 203.6 141.2 262.2
 63 139.9 111.1 206.3

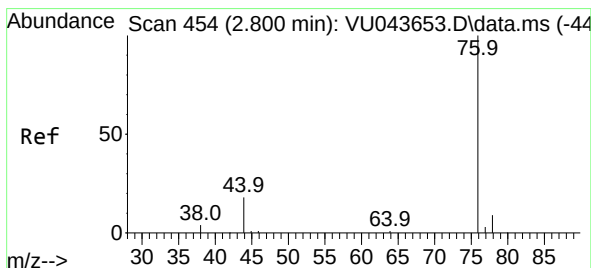
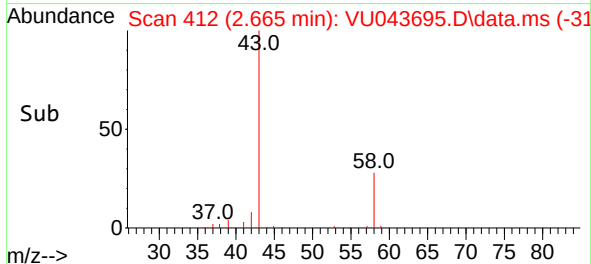
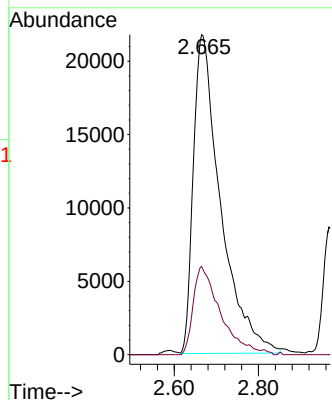
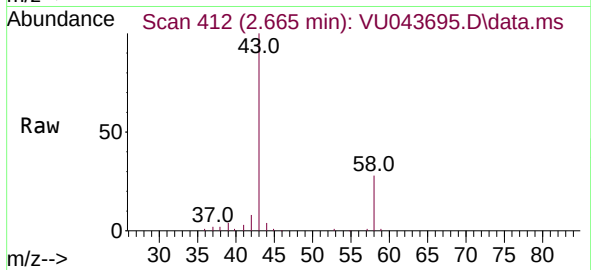




#13
Acetone
Concen: 59.81 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

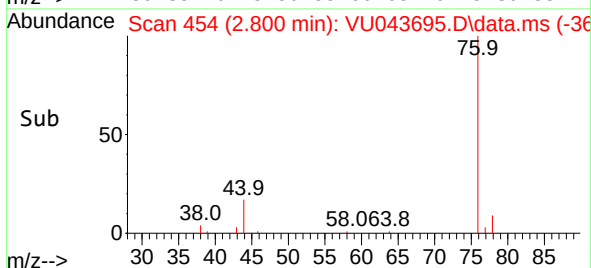
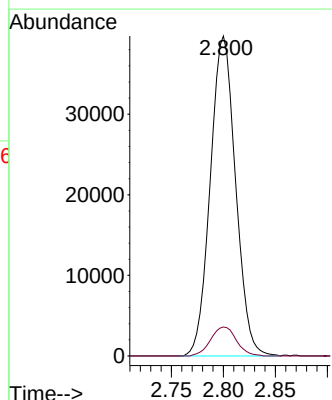
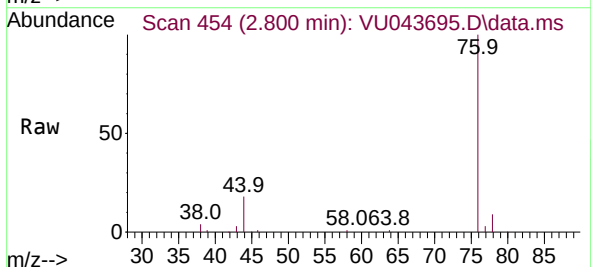
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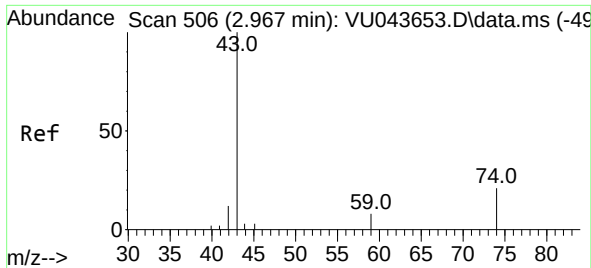
Tgt Ion: 43 Resp: 97372
Ion Ratio Lower Upper
43 100
58 26.4 0.0 50.8



#14
Carbon disulfide
Concen: 4.92 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 76 Resp: 67255
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

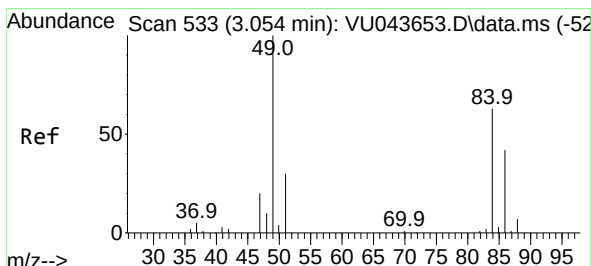
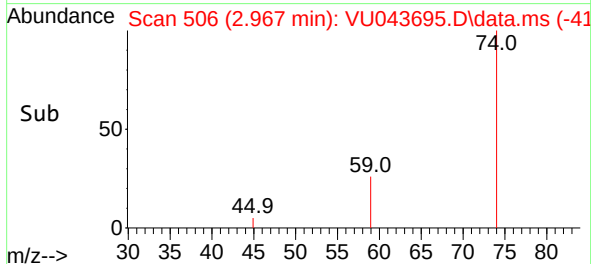
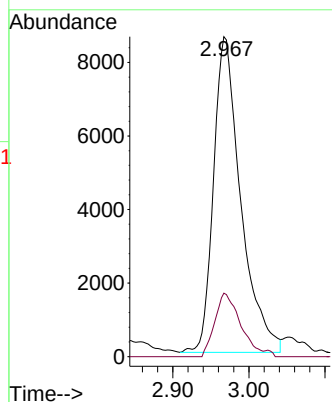
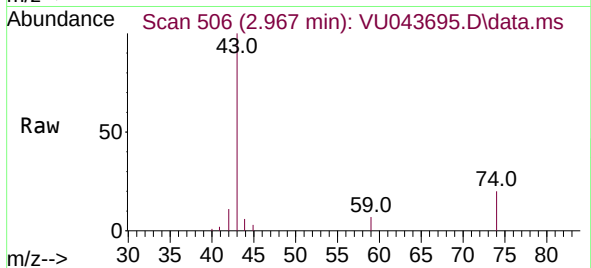




#15
Methyl Acetate
Concen: 5.74 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

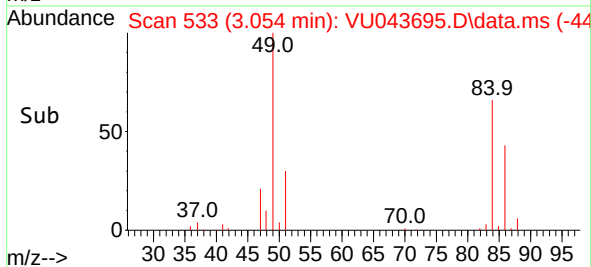
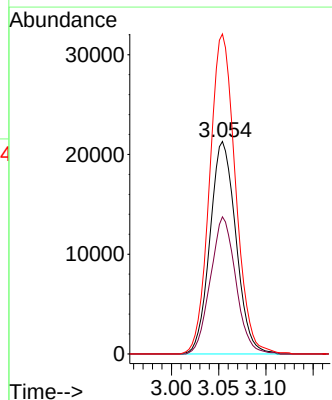
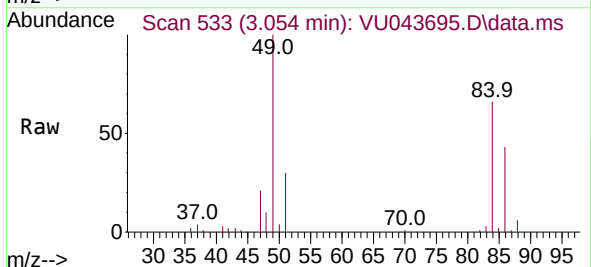
Instrument :
MSVOA_U
ClientSampled :

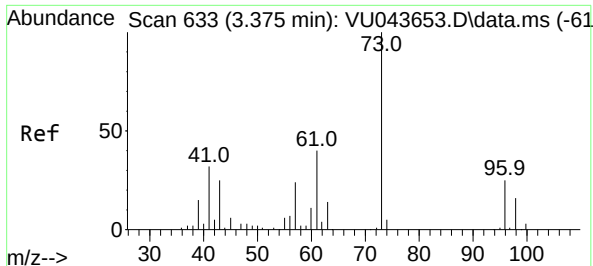
Tgt Ion: 43 Resp: 21326
Ion Ratio Lower Upper
43 100
74 18.8 15.2 22.8



#16
Methylene chloride
Concen: 4.64 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 84 Resp: 40662
Ion Ratio Lower Upper
84 100
86 64.5 45.6 84.6
49 150.6 107.0 198.8



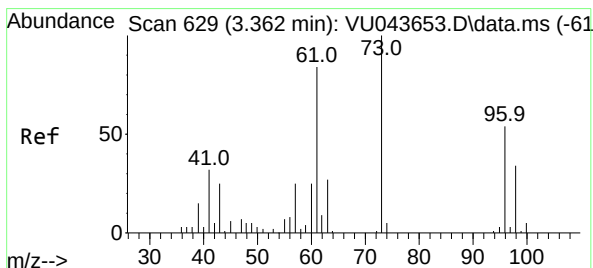
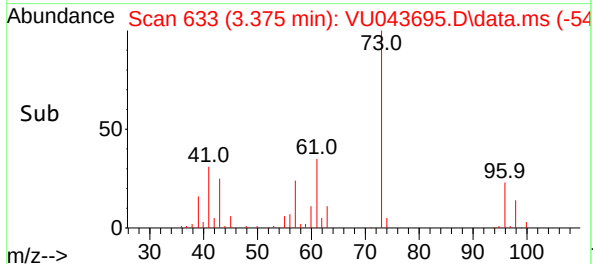
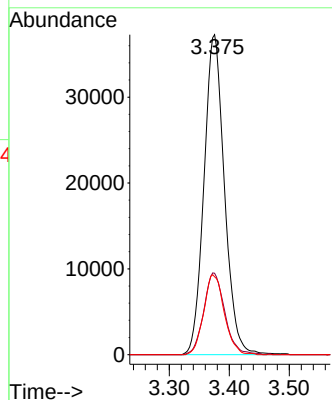
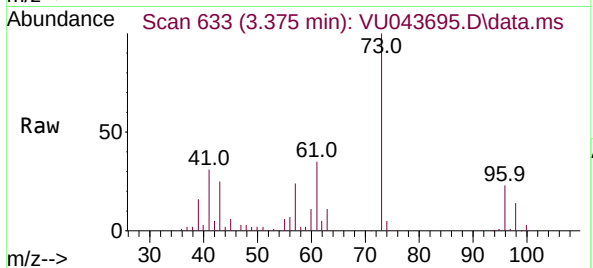


#17

Methyl tert-butyl Ether
Concen: 5.55 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Instrument :
MSVOA_U
ClientSampleId :

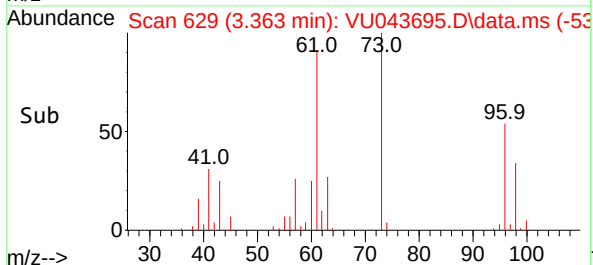
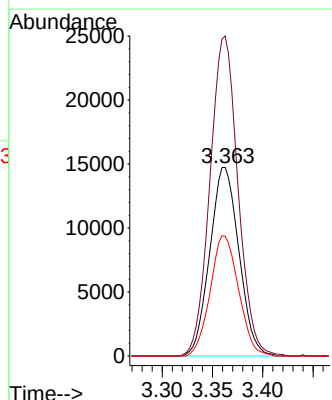
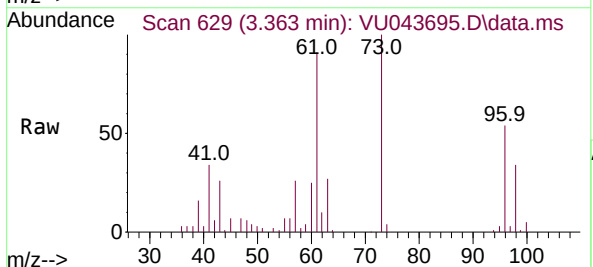
Tgt Ion: 73	Resp: 88635
Ion Ratio	Lower Upper
73 100	
43 26.2	20.6 30.8
57 25.1	18.7 28.1

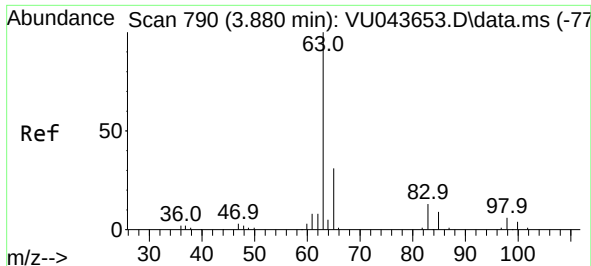


#18

trans-1,2-Dichloroethene
Concen: 5.21 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 96	Resp: 29688
Ion Ratio	Lower Upper
96 100	
61 169.6	113.5 210.9
98 63.5	45.4 84.2





#19

1,1-Dichloroethane

Concen: 5.41 ug/L

RT: 3.880 min Scan# 790

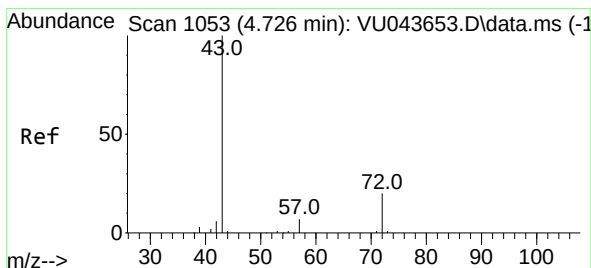
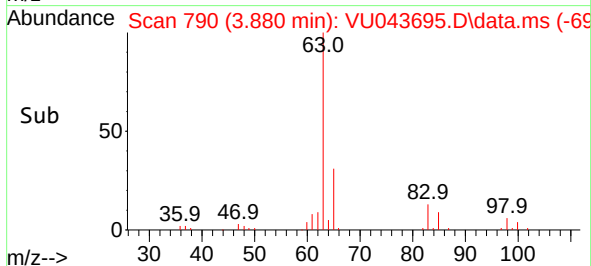
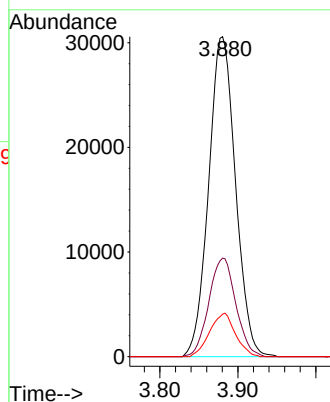
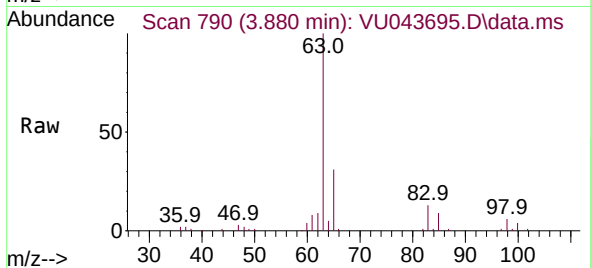
Delta R.T. 0.000 min

Lab File: VU043695.D

Acq: 13 May 2021 10:43

Tgt Ion:	63	Resp:	73336
Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.7	42.1
83	13.3	9.4	17.4

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 61.10 ug/L

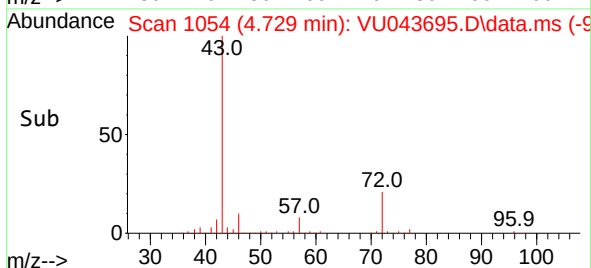
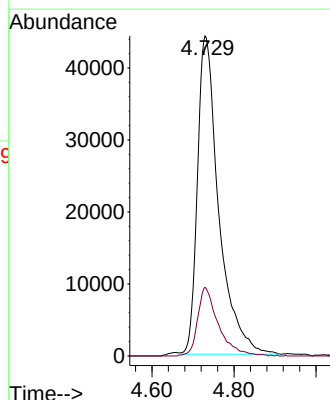
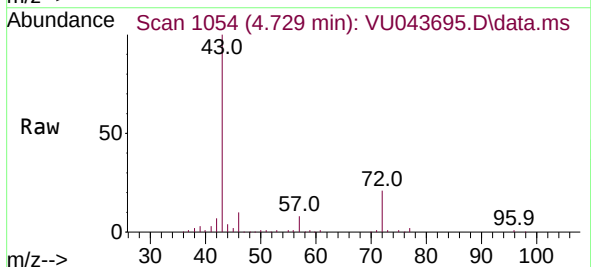
RT: 4.729 min Scan# 1054

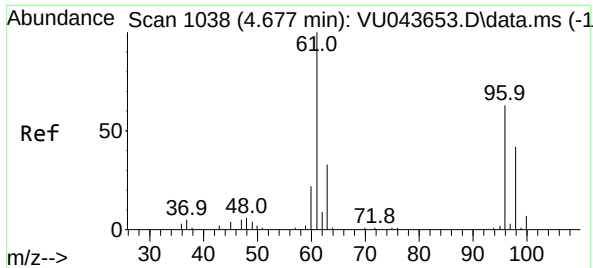
Delta R.T. 0.003 min

Lab File: VU043695.D

Acq: 13 May 2021 10:43

Tgt Ion:	43	Resp:	159475
Ion	Ratio	Lower	Upper
43	100		
72	20.8	10.8	32.4





#22

cis-1,2-Dichloroethene

Concen: 5.22 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.003 min

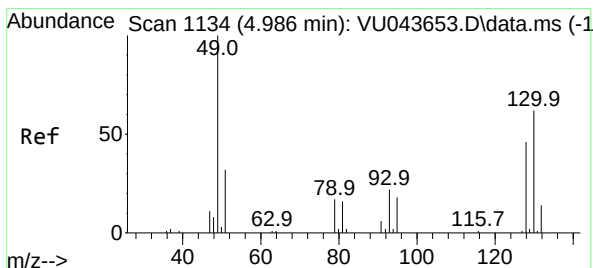
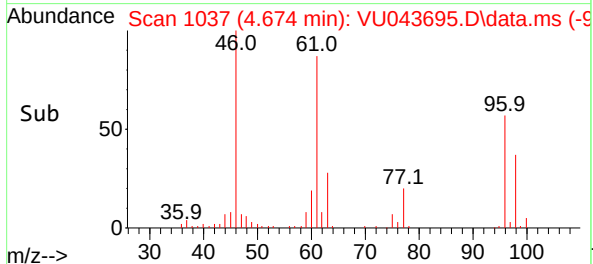
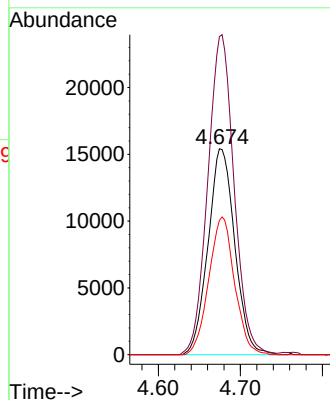
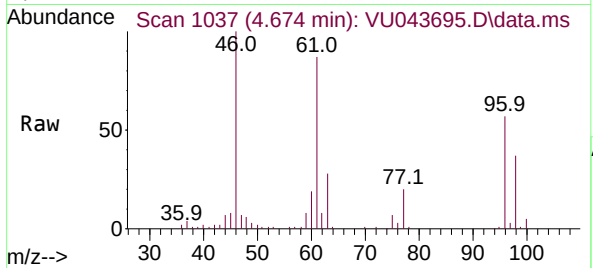
Lab File: VU043695.D

Acq: 13 May 2021 10:43

Tgt Ion: 96 Resp: 34988

Ion	Ratio	Lower	Upper
96	100		
61	154.5	102.8	190.8
98	65.2	42.8	79.6

Instrument :
MSVOA_U
ClientSampleId :



#23

Bromochloromethane

Concen: 5.37 ug/L

RT: 4.986 min Scan# 1134

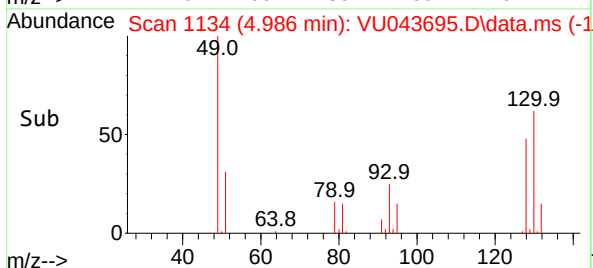
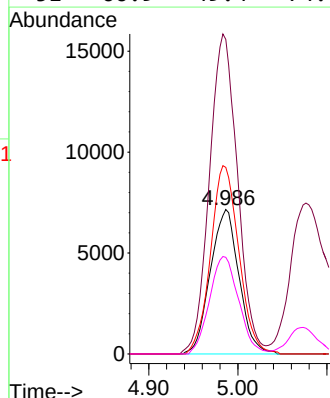
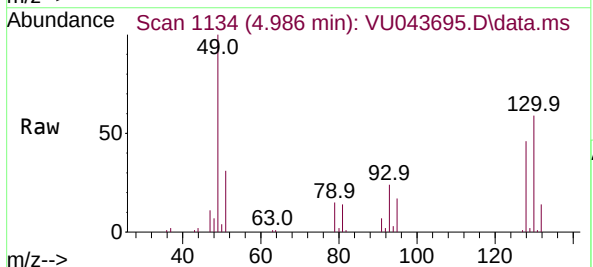
Delta R.T. 0.000 min

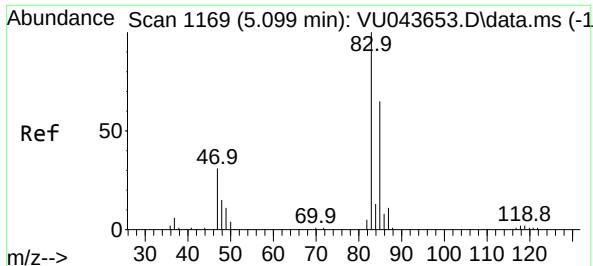
Lab File: VU043695.D

Acq: 13 May 2021 10:43

Tgt Ion:128 Resp: 16004

Ion	Ratio	Lower	Upper
128	100		
49	217.7	134.2	249.2
130	129.2	87.2	162.0
51	66.9	49.4	74.0





#25

Chloroform

Concen: 5.03 ug/L

RT: 5.099 min Scan# 1169

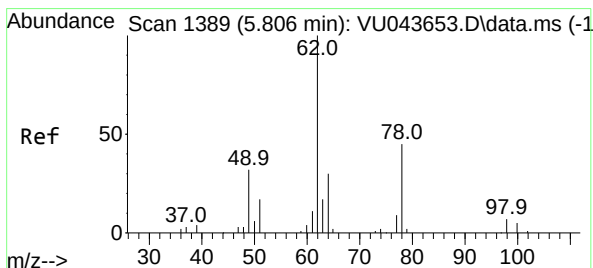
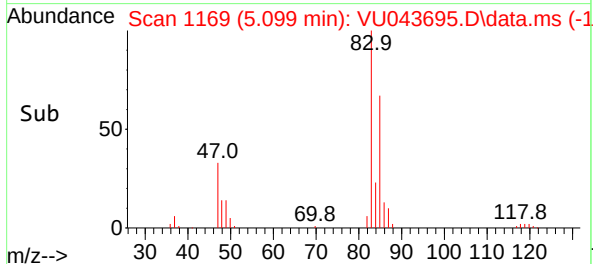
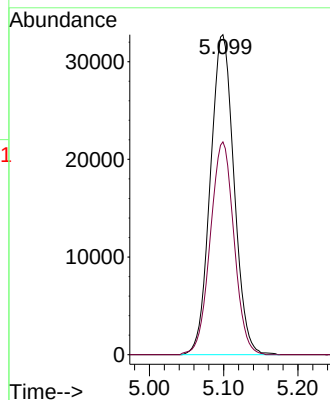
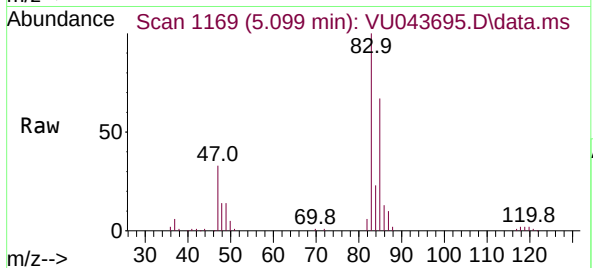
Delta R.T. 0.000 min

Lab File: VU043695.D

Acq: 13 May 2021 10:43

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 83 Resp: 72534
Ion Ratio Lower Upper
83 100
85 66.5 45.1 83.9



#27

1,2-Dichloroethane

Concen: 5.31 ug/L

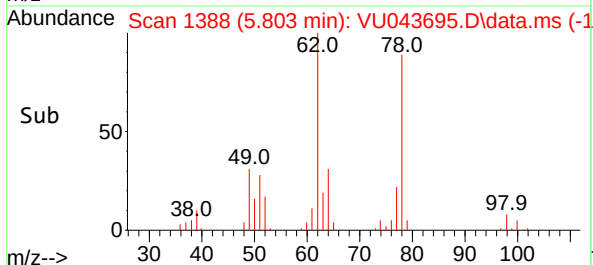
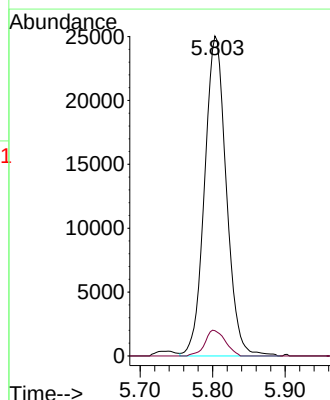
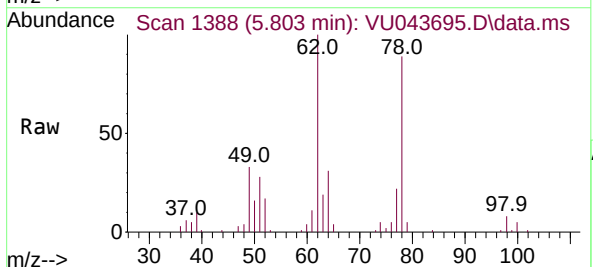
RT: 5.803 min Scan# 1388

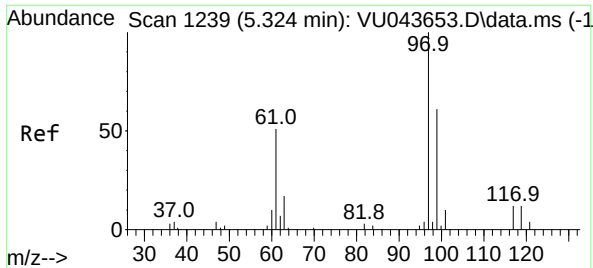
Delta R.T. -0.003 min

Lab File: VU043695.D

Acq: 13 May 2021 10:43

Tgt Ion: 62 Resp: 52077
Ion Ratio Lower Upper
62 100
98 7.9 6.1 9.1





#29

1,1,1-Trichloroethane

Concen: 5.26 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU043695.D

Acq: 13 May 2021 10:43

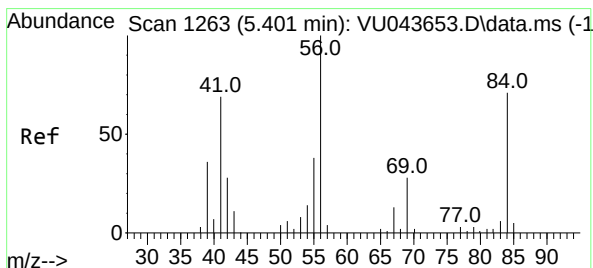
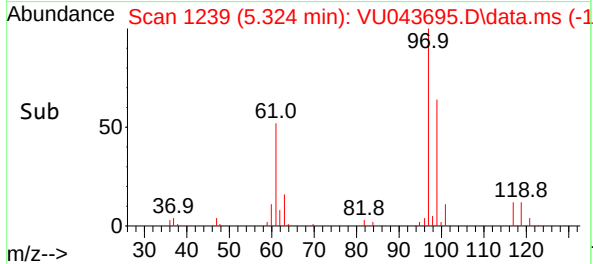
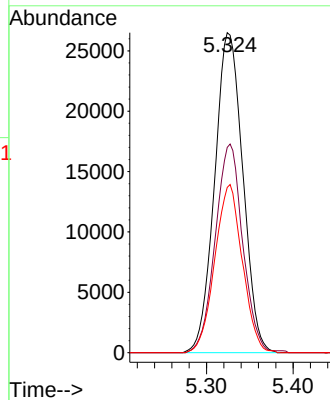
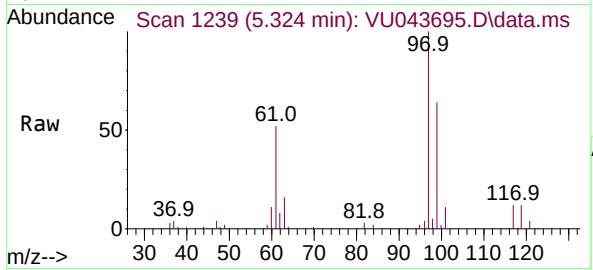
Tgt Ion: 97 Resp: 59948

Ion Ratio Lower Upper

97 100

99 63.7 51.8 77.6

61 51.4 39.8 59.8



#30

Cyclohexane

Concen: 5.62 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.006 min

Lab File: VU043695.D

Acq: 13 May 2021 10:43

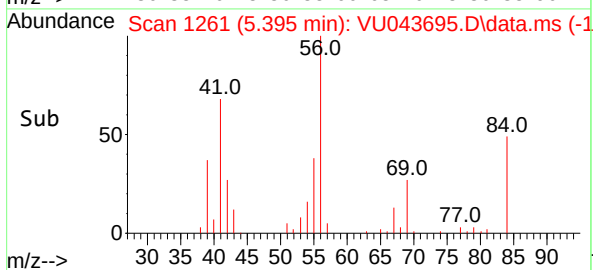
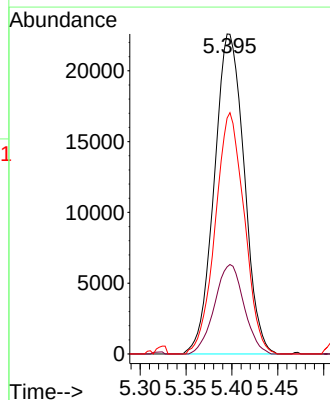
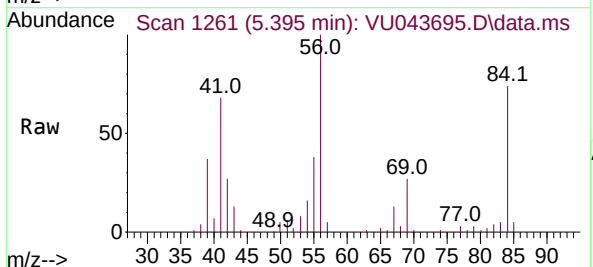
Tgt Ion: 56 Resp: 51158

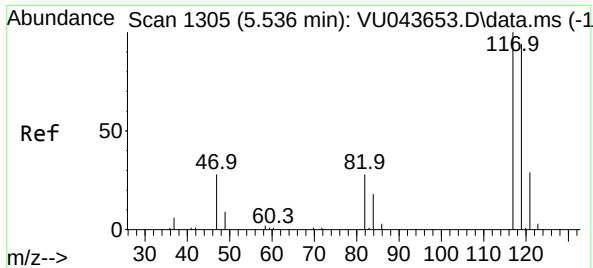
Ion Ratio Lower Upper

56 100

69 27.5 23.0 34.4

84 73.3 60.3 90.5

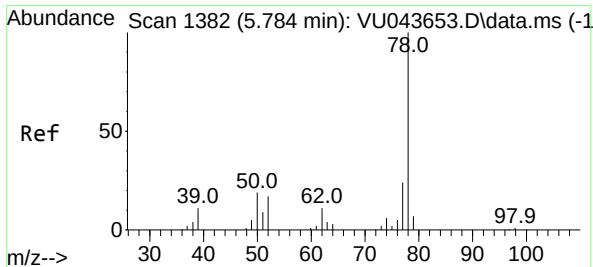
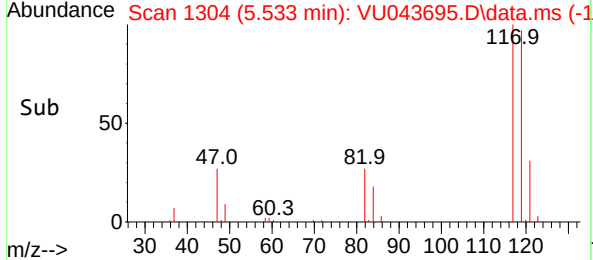
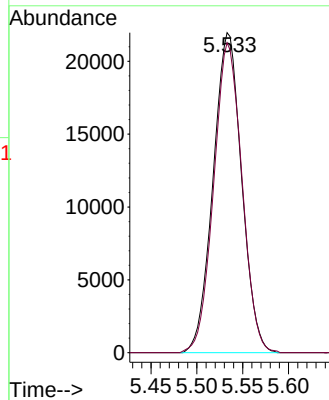
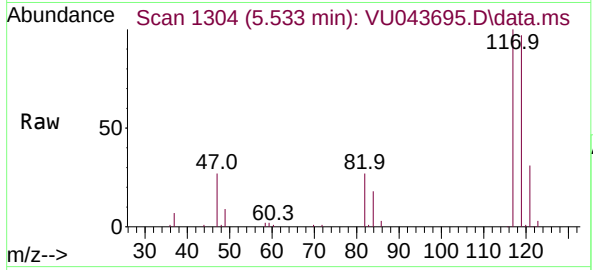




#31
Carbon tetrachloride
Concen: 5.08 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

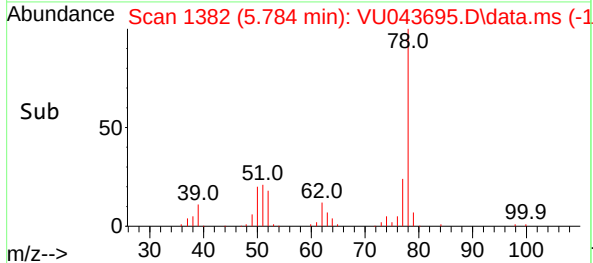
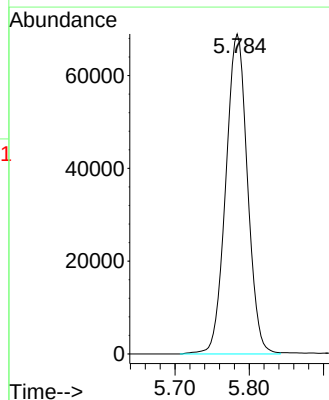
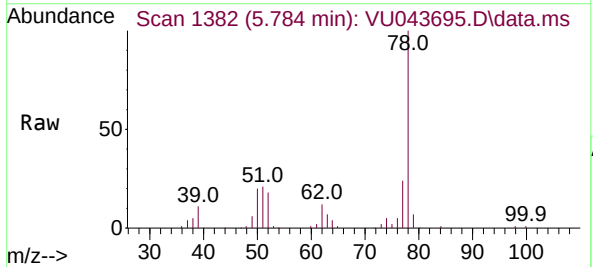
Instrument :
MSVOA_U
ClientSampleId :

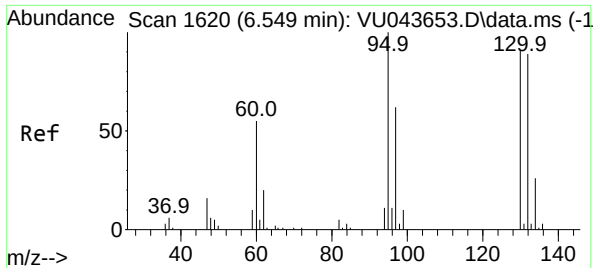
Tgt Ion:117 Resp: 47453
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6



#33
Benzene
Concen: 5.48 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 78 Resp: 139992

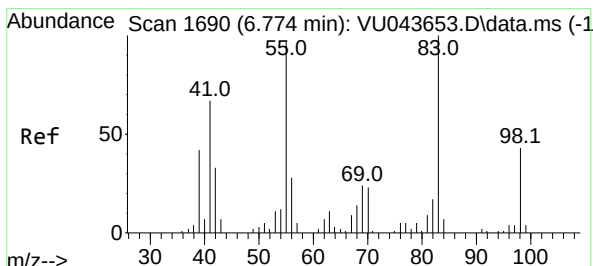
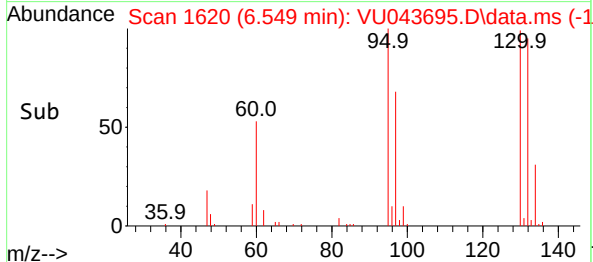
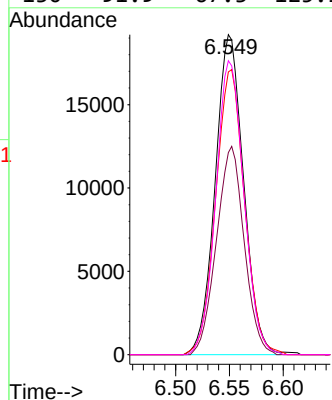
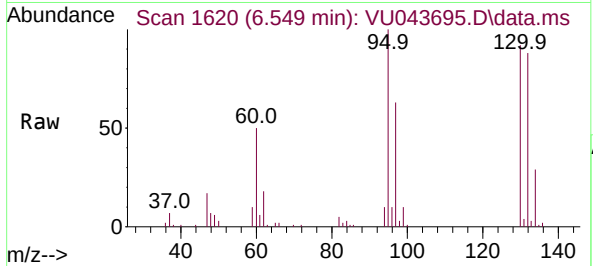




#34
Trichloroethene
Concen: 5.39 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

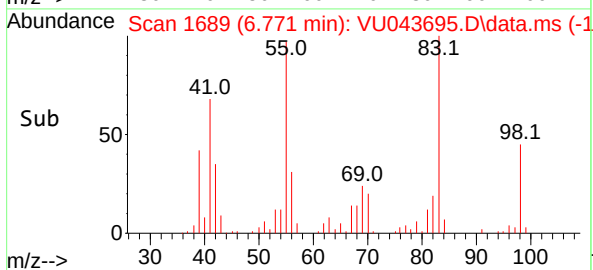
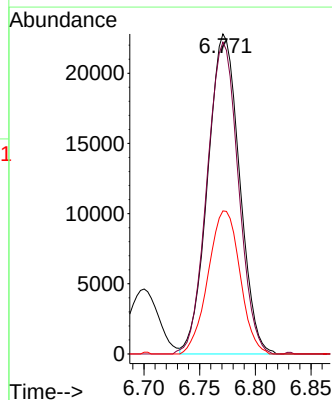
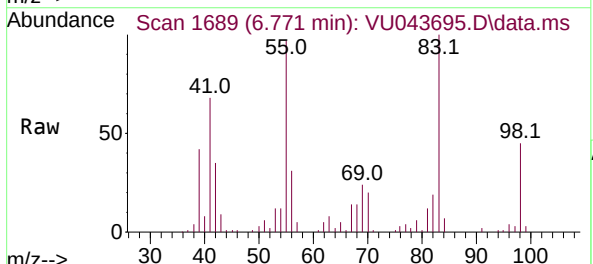
Instrument :
MSVOA_U
ClientSampleId :

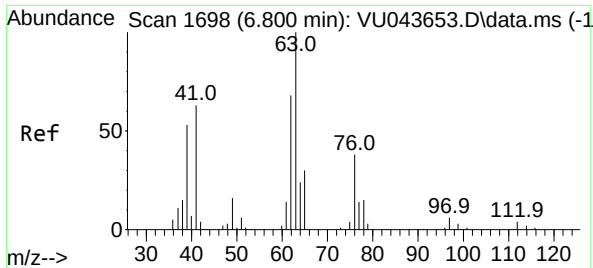
Tgt Ion: 95 Resp: 35173
Ion Ratio Lower Upper
95 100
97 63.1 46.5 86.5
132 88.3 64.1 119.1
130 91.9 67.3 125.1



#35
Methylcyclohexane
Concen: 5.35 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 83 Resp: 45182
Ion Ratio Lower Upper
83 100
55 96.1 75.8 113.8
98 44.9 35.5 53.3



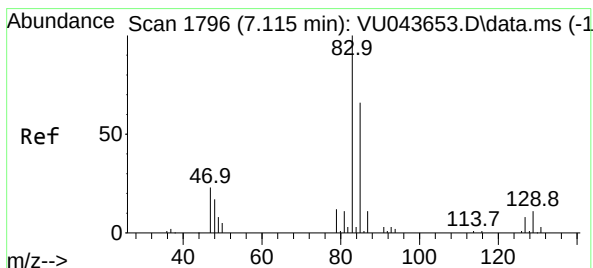
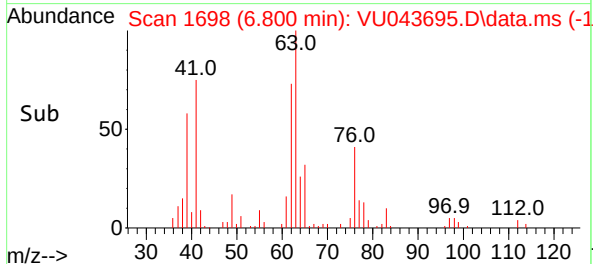
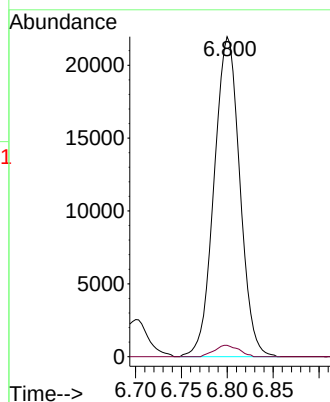
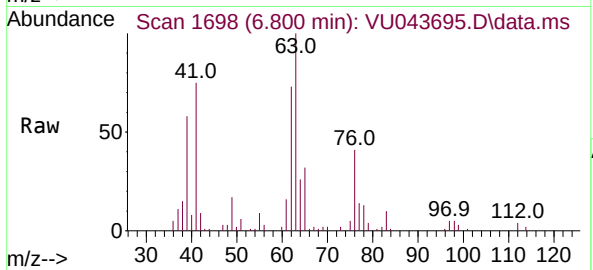


#37

1,2-Dichloropropane
Concen: 5.62 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Instrument :
MSVOA_U
ClientSampled :

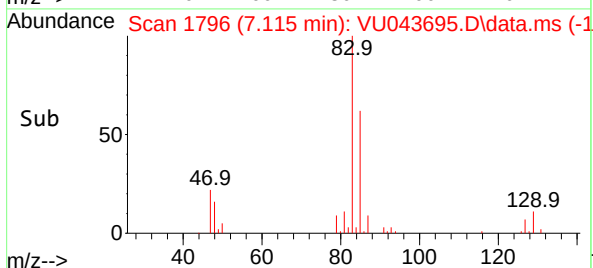
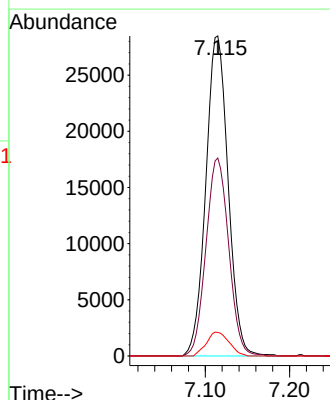
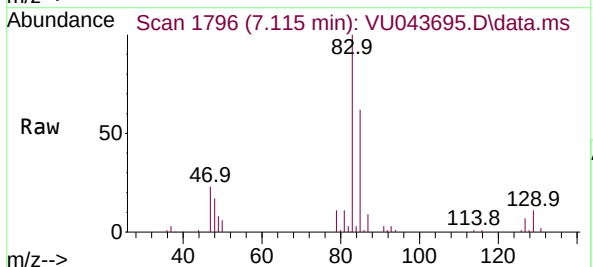
Tgt Ion: 63 Resp: 42845
Ion Ratio Lower Upper
63 100
112 3.4 2.6 3.8

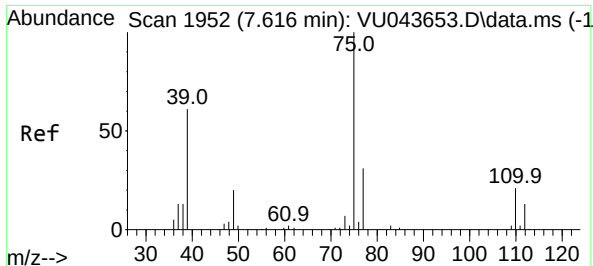


#38

Bromodichloromethane
Concen: 5.32 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 83 Resp: 52553
Ion Ratio Lower Upper
83 100
85 61.9 43.3 80.5
127 7.4 6.2 9.4



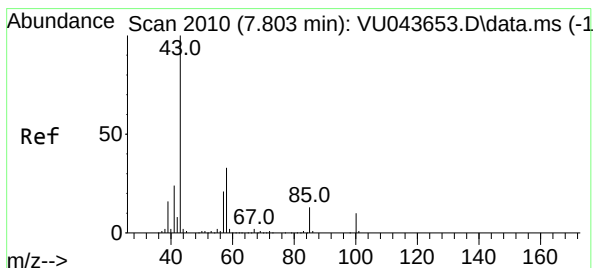
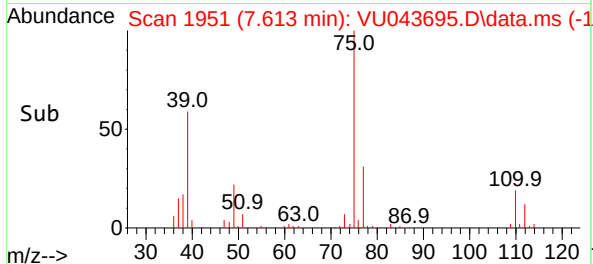
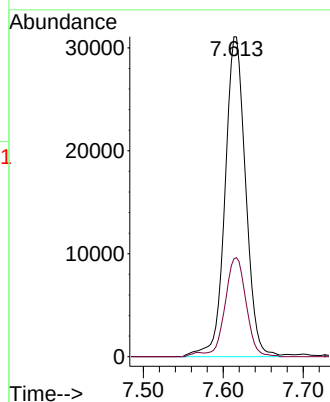
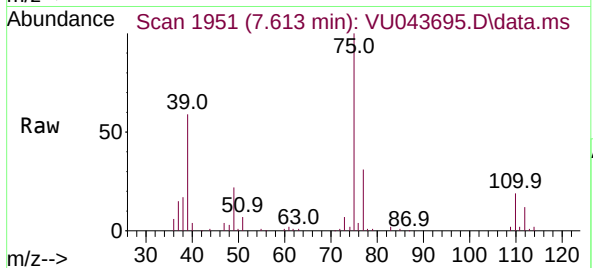


#39

cis-1,3-Dichloropropene
Concen: 5.50 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Instrument :
MSVOA_U
ClientSampleId :

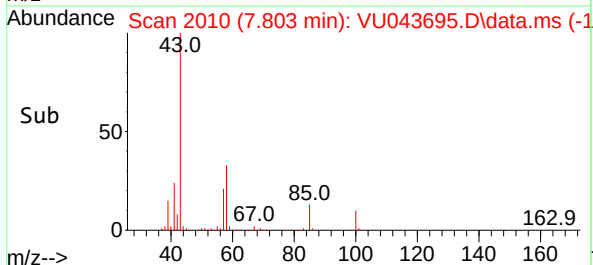
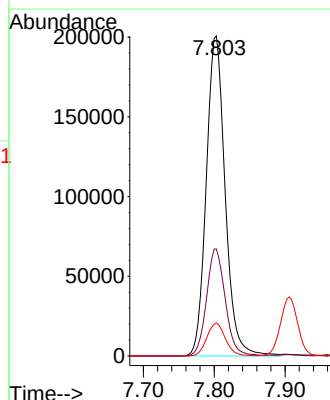
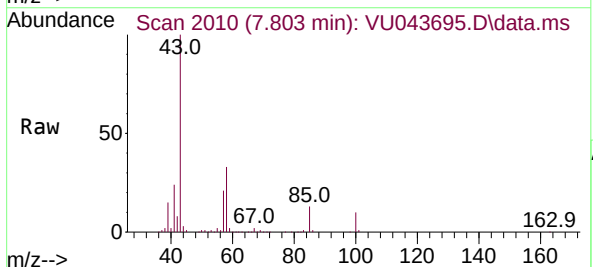
Tgt Ion: 75 Resp: 55573
Ion Ratio Lower Upper
75 100
77 30.6 21.9 40.7

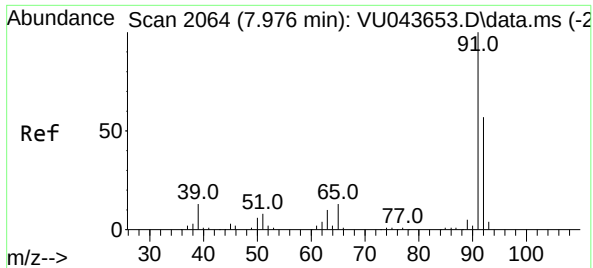


#40

4-Methyl-2-pentanone
Concen: 59.58 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 43 Resp: 371822
Ion Ratio Lower Upper
43 100
58 33.2 26.9 40.3
100 10.1 8.6 13.0

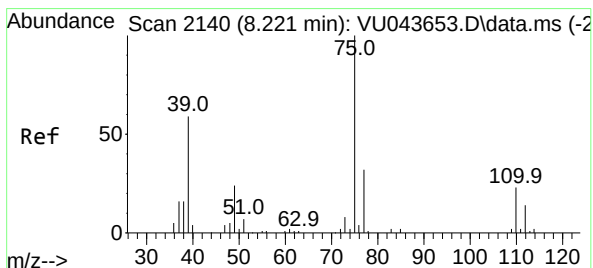
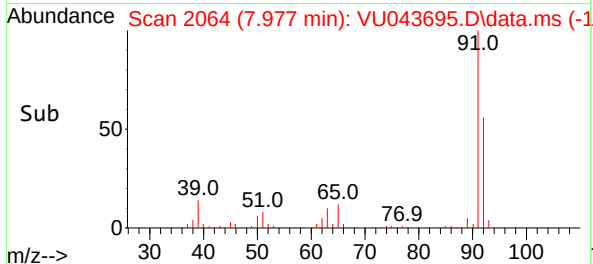
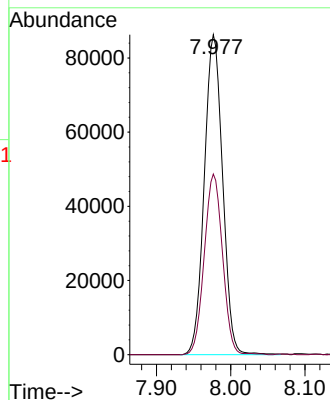
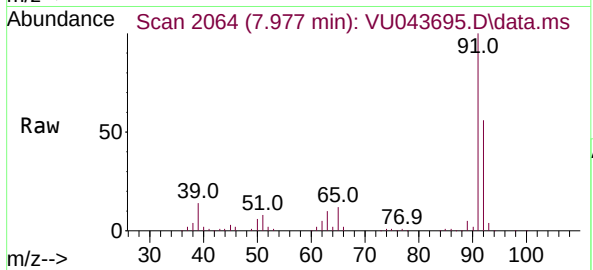




#42
Toluene
Concen: 5.53 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

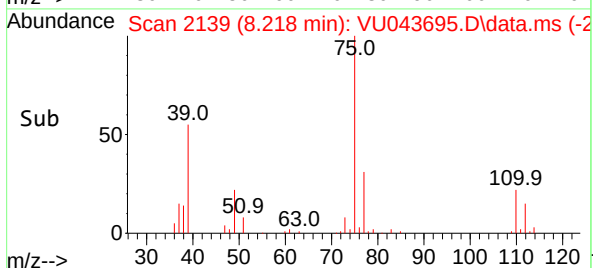
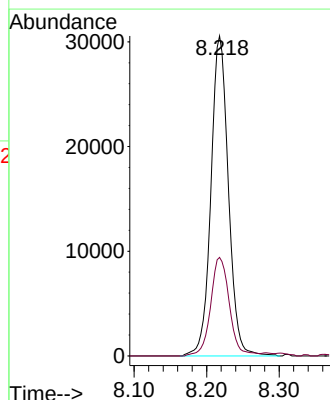
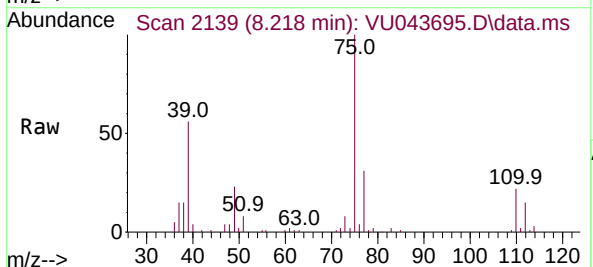
Instrument :
MSVOA_U
ClientSampled :

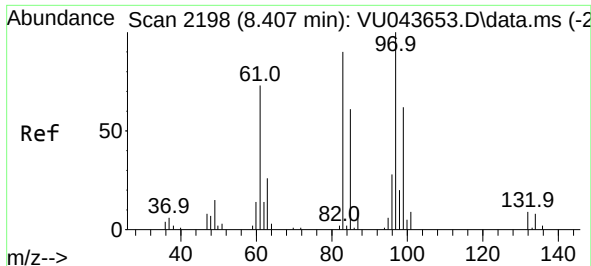
Tgt Ion: 91 Resp: 147747
Ion Ratio Lower Upper
91 100
92 56.5 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 5.55 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.003 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 75 Resp: 51123
Ion Ratio Lower Upper
75 100
77 30.8 23.3 43.3

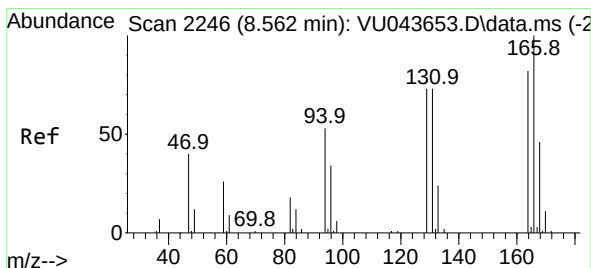
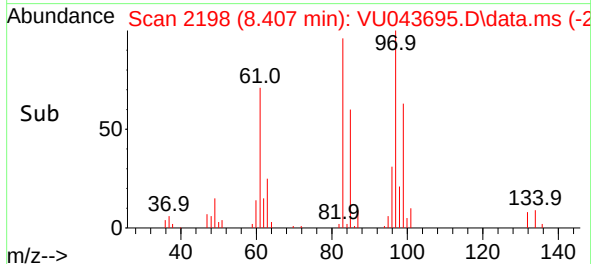
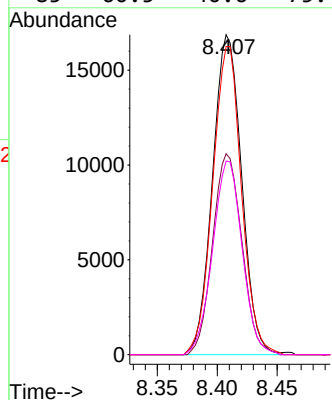
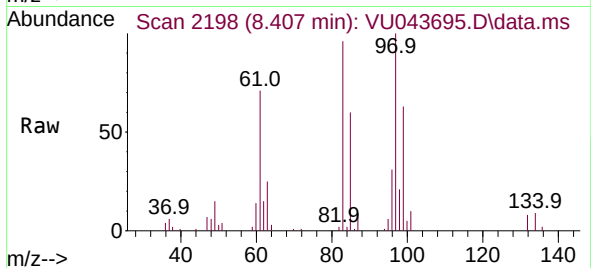




#45
1,1,2-Trichloroethane
Concen: 5.39 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

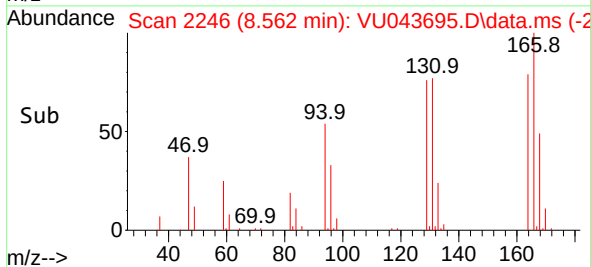
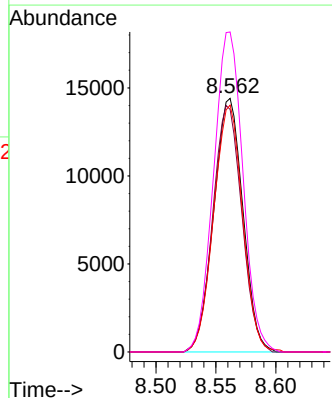
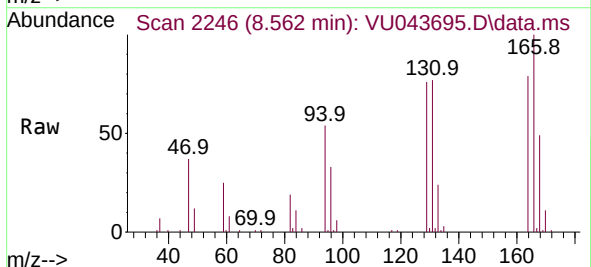
Instrument :
MSVOA_U
ClientSampleId :

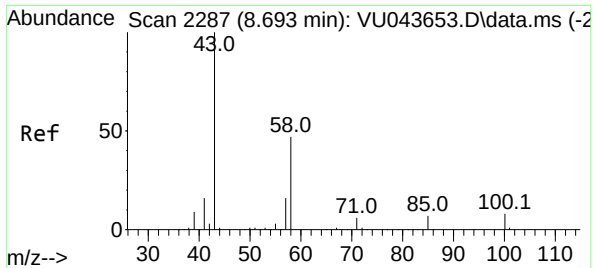
Tgt Ion:	97	Resp:	28401
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.6	79.0
83	96.3	64.1	119.1
85	60.5	40.6	75.4



#47
Tetrachloroethene
Concen: 5.06 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion:	164	Resp:	24335
Ion	Ratio	Lower	Upper
164	100		
129	95.6	62.5	116.1
131	97.3	64.9	120.5
166	126.1	89.0	165.2

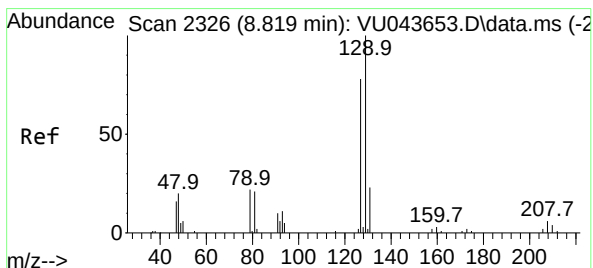
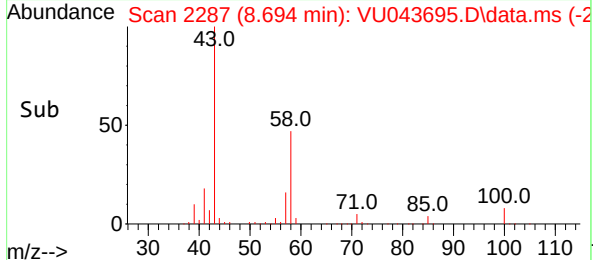
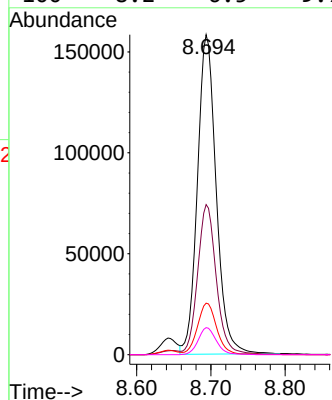
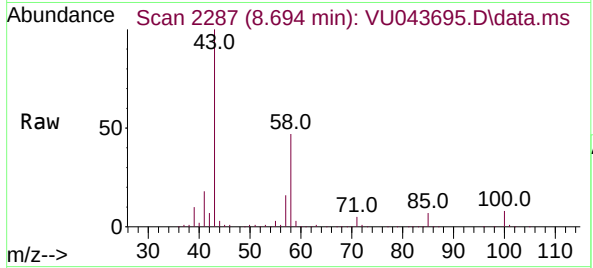




#48
2-Hexanone
Concen: 60.13 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

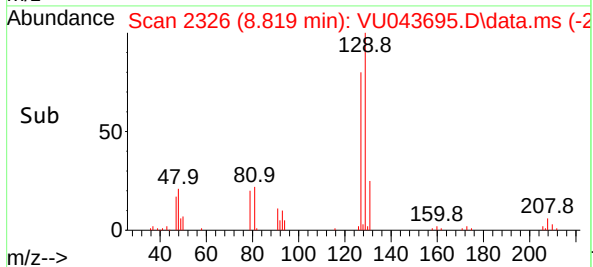
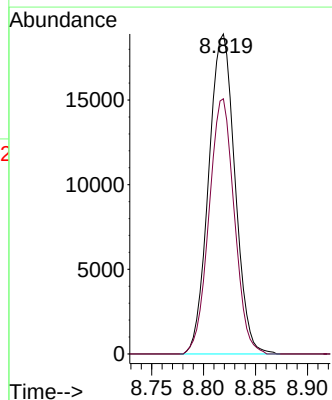
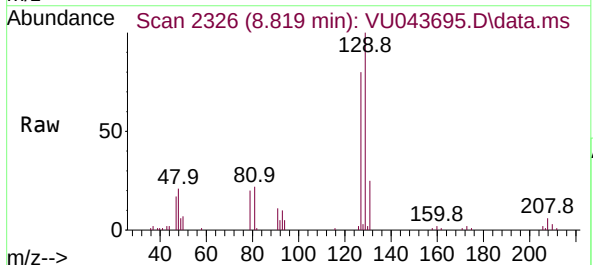
Instrument :
MSVOA_U
ClientSampleId :

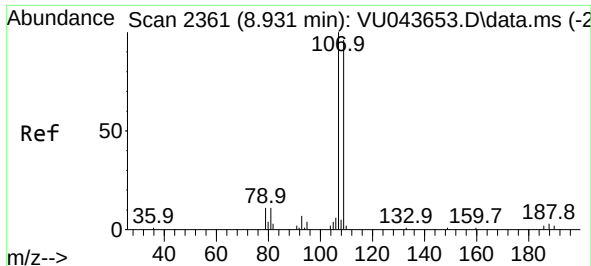
Tgt Ion: 43 Resp: 278363
Ion Ratio Lower Upper
43 100
58 46.8 36.8 55.2
57 16.5 13.2 19.8
100 8.2 6.5 9.7



#49
Dibromochloromethane
Concen: 5.23 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 129 Resp: 33295
Ion Ratio Lower Upper
129 100
127 79.8 52.4 97.4

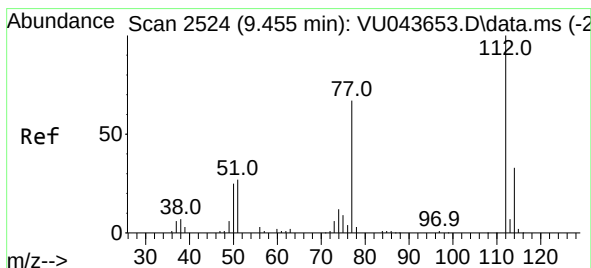
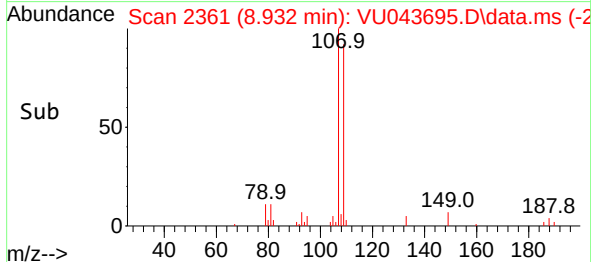
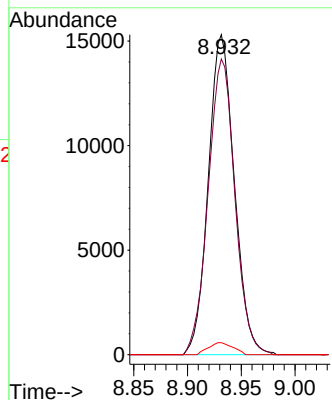
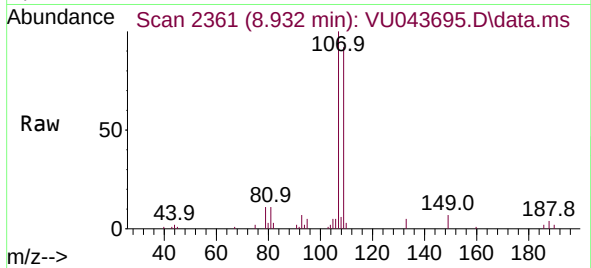




#50
1,2-Dibromoethane
Concen: 5.27 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

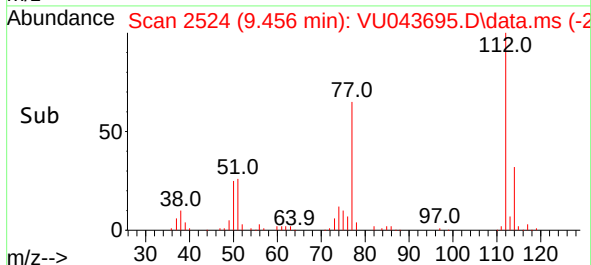
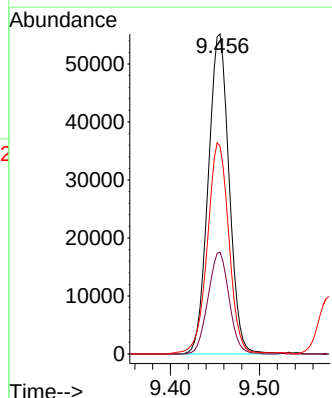
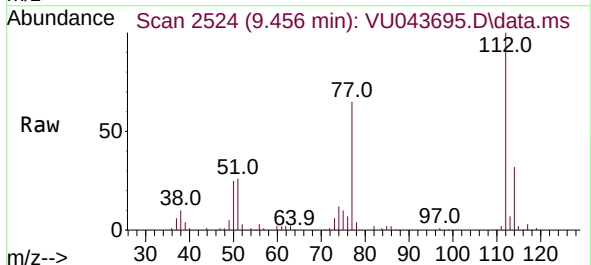
Instrument :
MSVOA_U
ClientSampleId :

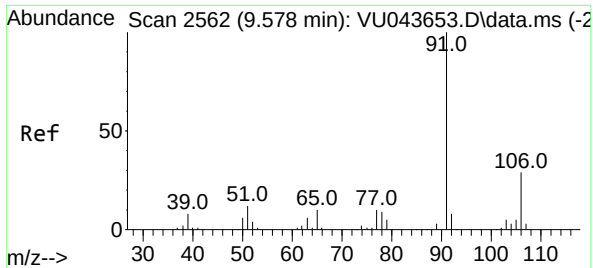
Tgt Ion:107 Resp: 25823
Ion Ratio Lower Upper
107 100
109 92.4 67.6 125.6
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 5.28 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion:112 Resp: 89733
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 64.9 51.0 76.4

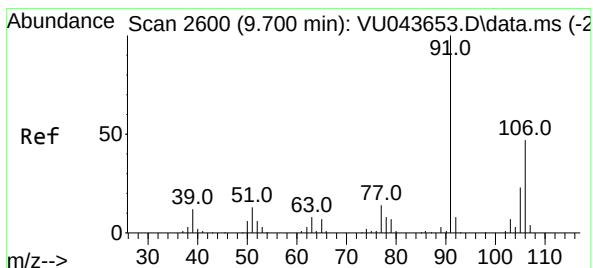
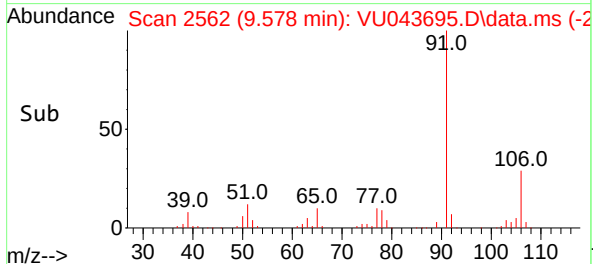
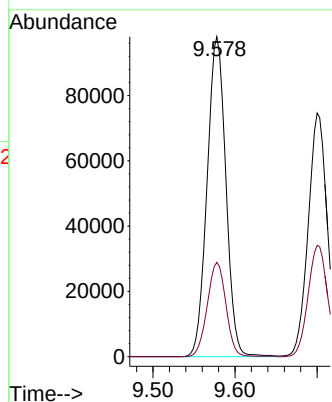
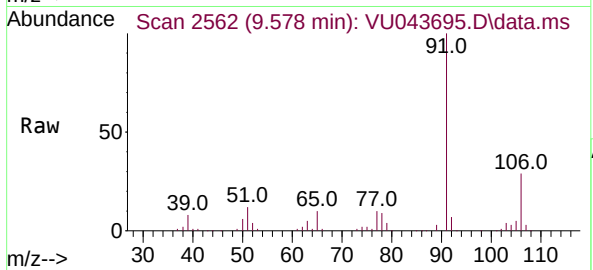




#52
Ethylbenzene
Concen: 5.50 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

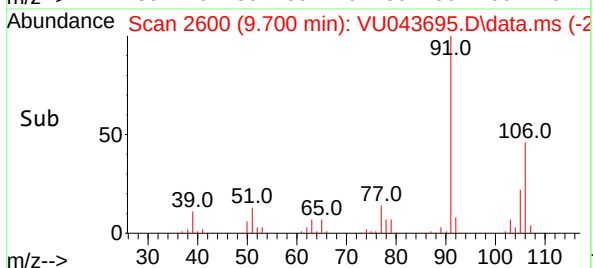
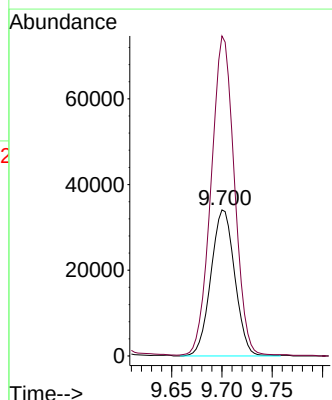
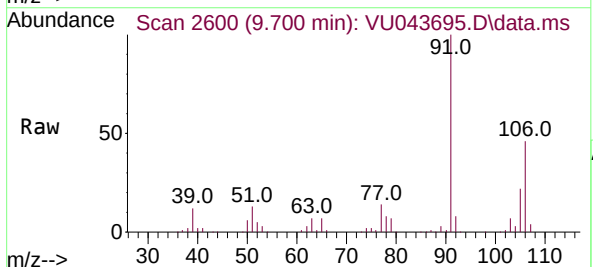
Instrument :
MSVOA_U
ClientSampleId :

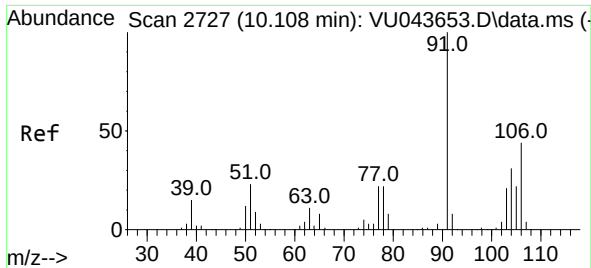
Tgt Ion: 91 Resp: 155975
Ion Ratio Lower Upper
91 100
106 29.5 20.5 38.1



#53
m,p-Xylene
Concen: 5.47 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 106 Resp: 56289
Ion Ratio Lower Upper
106 100
91 219.0 150.3 279.1

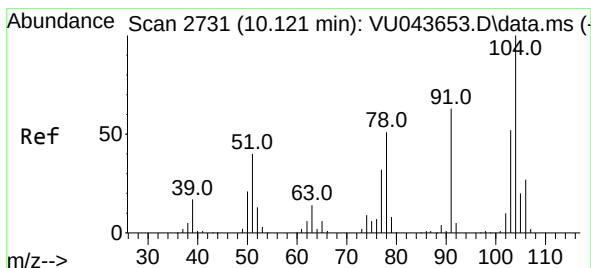
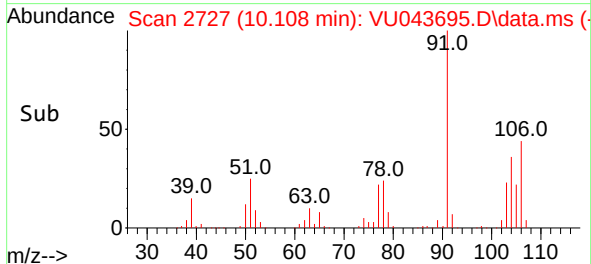
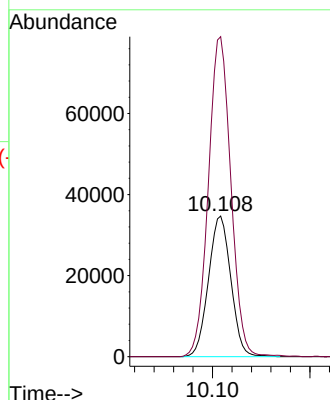
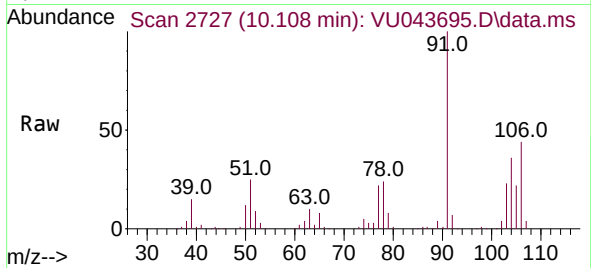




#54
o-Xylene
Concen: 5.53 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

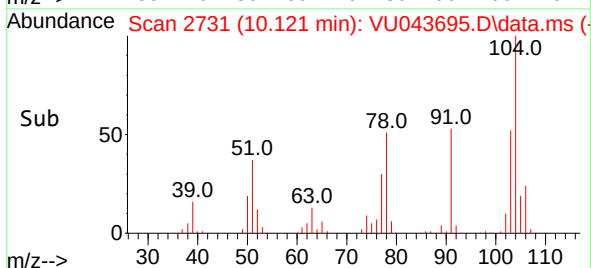
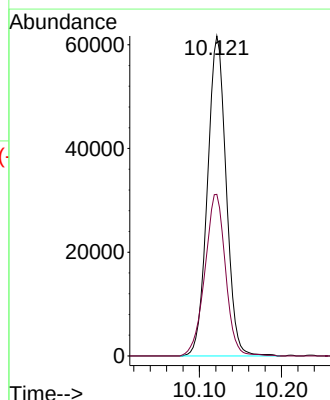
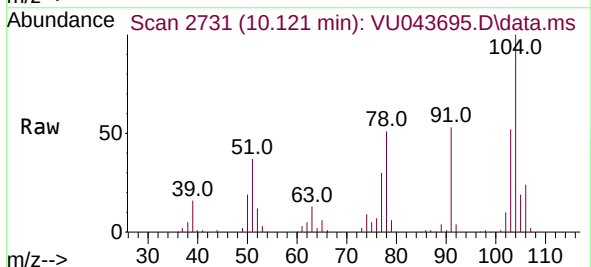
Instrument :
MSVOA_U
ClientSampleId :

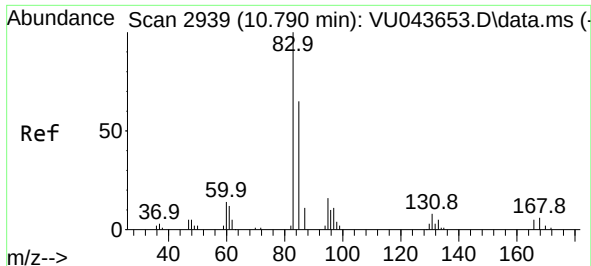
Tgt Ion:106 Resp: 55349
Ion Ratio Lower Upper
106 100
91 227.5 157.3 292.1



#55
Styrene
Concen: 5.57 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion:104 Resp: 97709
Ion Ratio Lower Upper
104 100
78 50.5 35.3 65.5

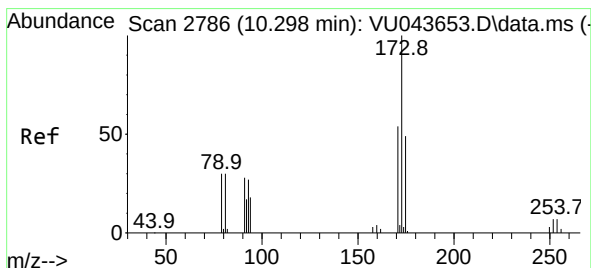
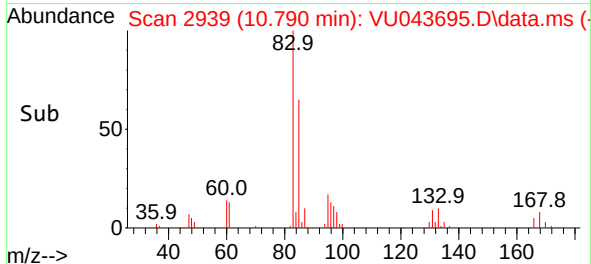
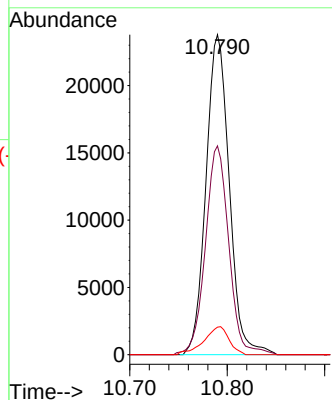
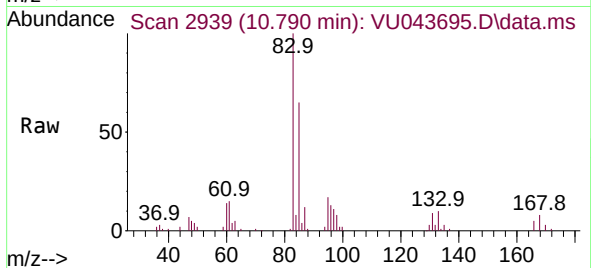




#57
1,1,2,2-Tetrachloroethane
Concen: 5.54 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

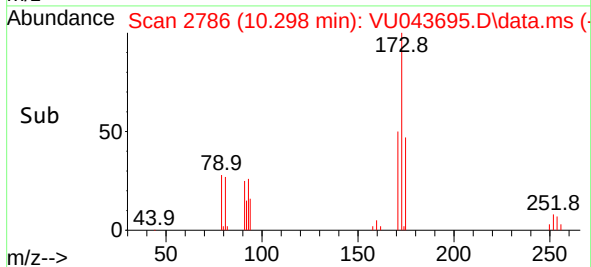
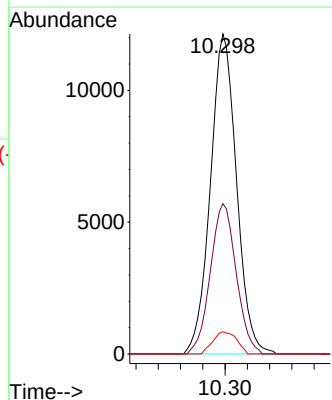
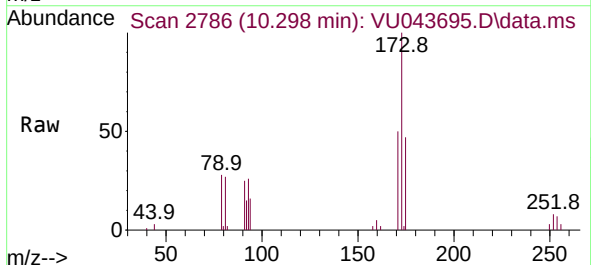
Instrument :
MSVOA_U
ClientSampleId :

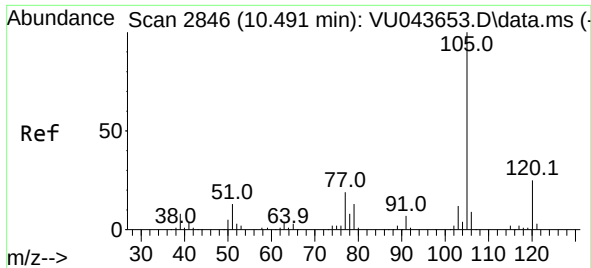
Tgt Ion:	83	Resp:	39394
Ion	Ratio	Lower	Upper
83	100		
85	65.2	42.6	79.0
131	8.6	7.4	11.2



#59
Bromoform
Concen: 5.56 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion:	173	Resp:	19776
Ion	Ratio	Lower	Upper
173	100		
175	46.5	39.4	59.0
254	6.3	5.9	8.9

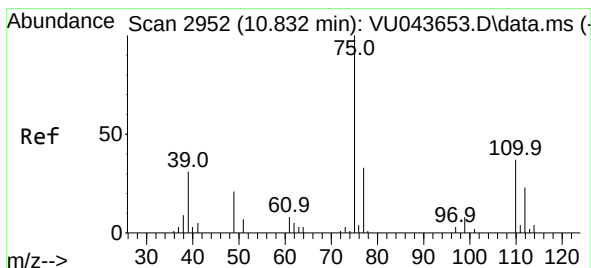
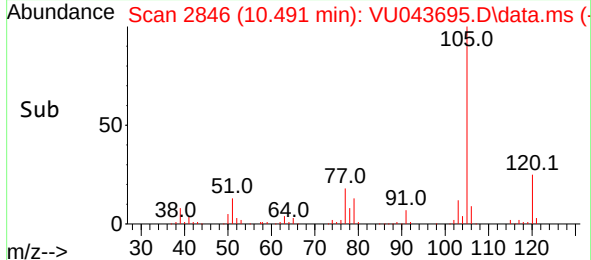
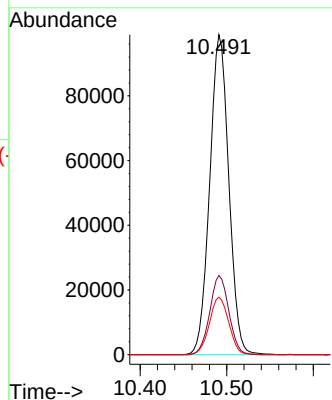
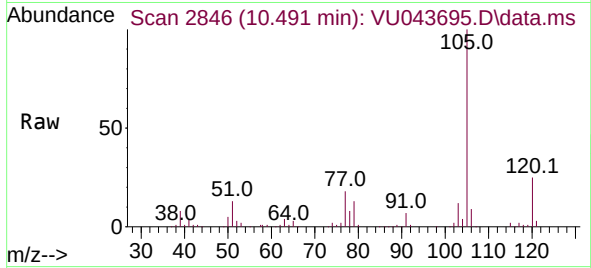




#60
Isopropylbenzene
Concen: 5.68 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

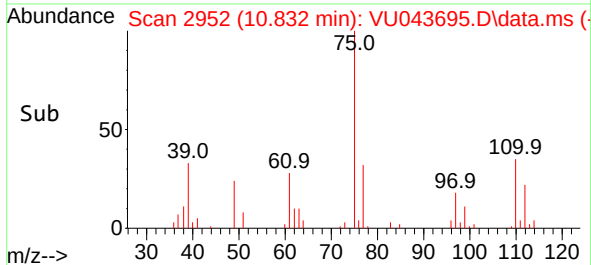
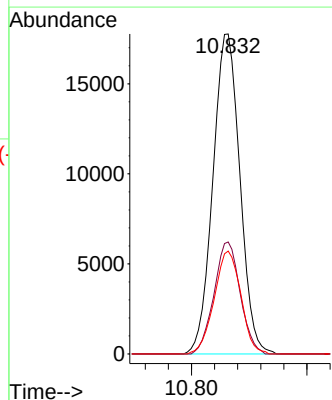
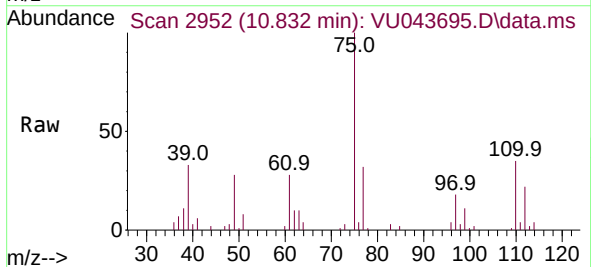
Instrument :
MSVOA_U
ClientSampled :

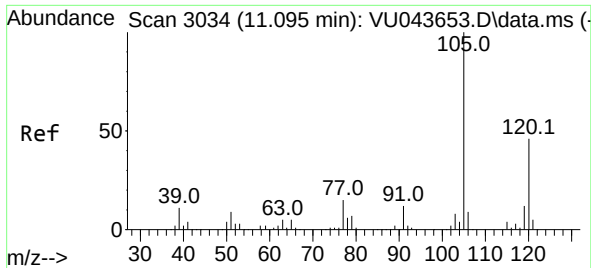
Tgt Ion:105 Resp: 151356
Ion Ratio Lower Upper
105 100
120 24.7 20.4 30.6
77 18.2 14.6 21.8



#61
1,2,3-Trichloropropane
Concen: 5.83 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion: 75 Resp: 28834
Ion Ratio Lower Upper
75 100
110 33.9 28.6 42.8
77 31.7 25.7 38.5

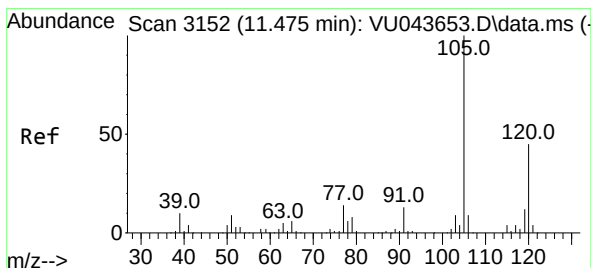
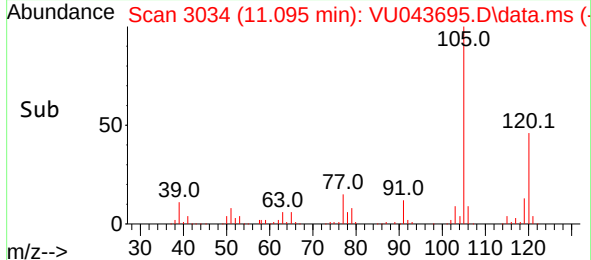
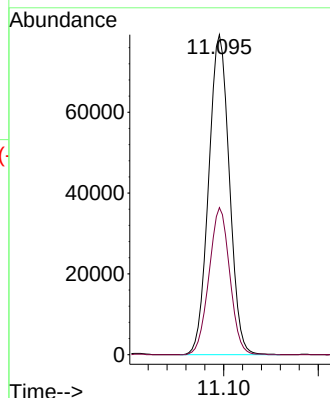
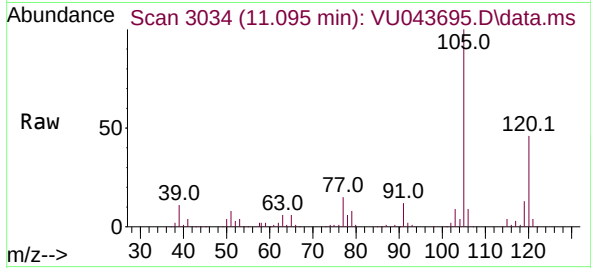




#62
1,3,5-Trimethylbenzene
Concen: 5.75 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

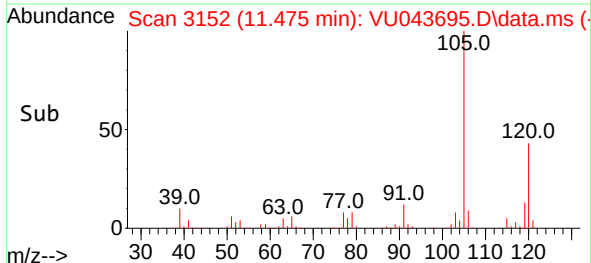
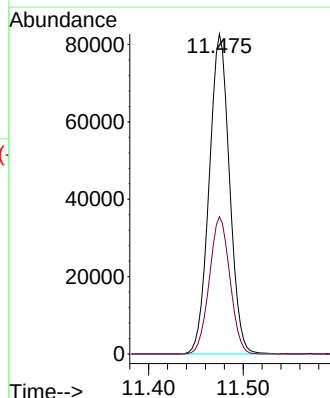
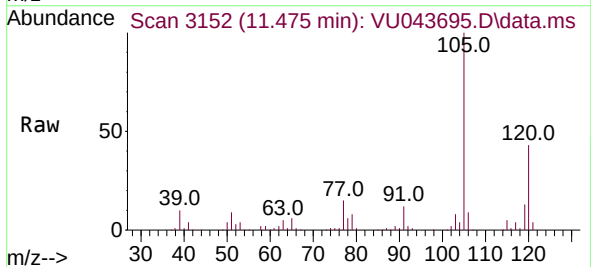
Instrument :
MSVOA_U
ClientSampleId :

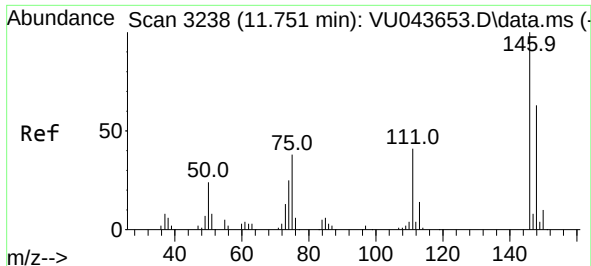
Tgt Ion:105 Resp: 120385
Ion Ratio Lower Upper
105 100
120 46.1 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 5.89 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion:105 Resp: 123612
Ion Ratio Lower Upper
105 100
120 43.3 35.4 53.0

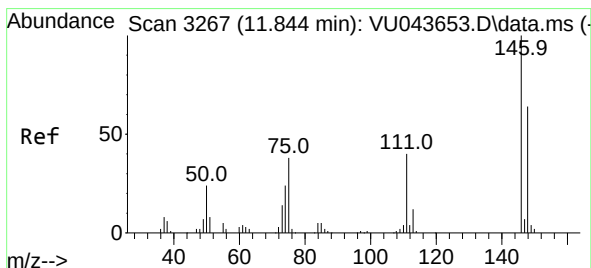
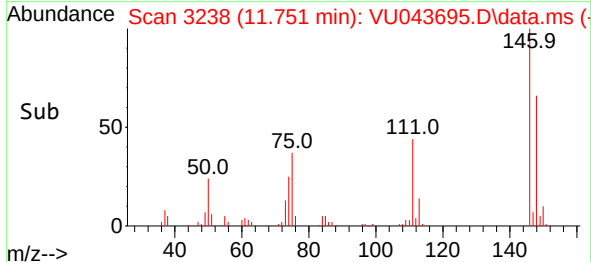
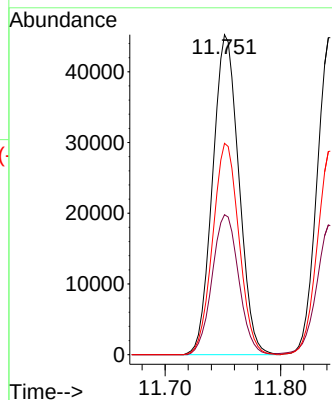
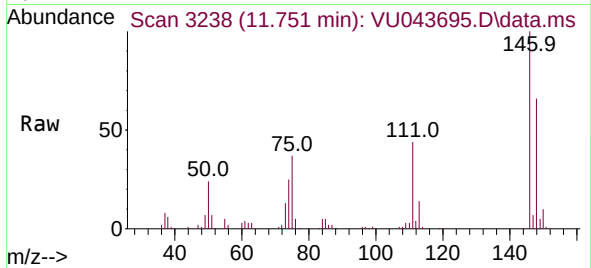




#64
1,3-Dichlorobenzene
Concen: 5.40 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

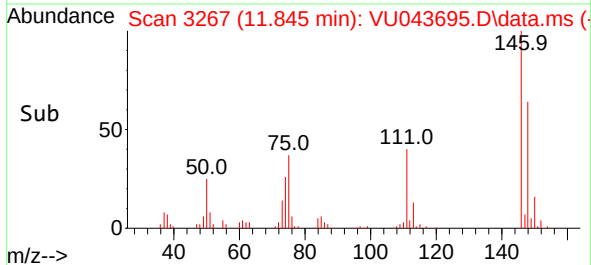
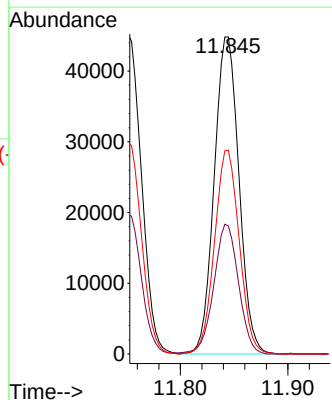
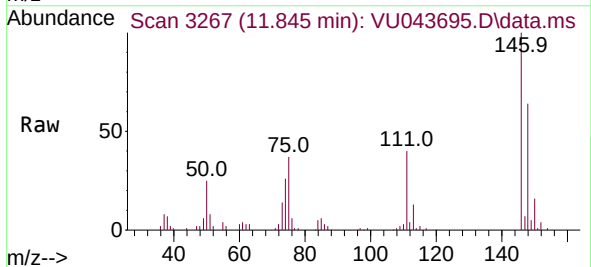
Instrument :
MSVOA_U
ClientSampleId :

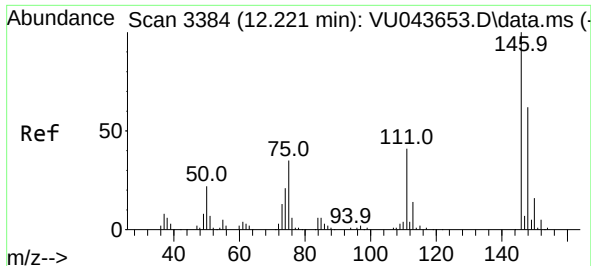
Tgt Ion:146 Resp: 71366
Ion Ratio Lower Upper
146 100
111 43.8 28.9 53.7
148 66.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.29 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion:146 Resp: 71704
Ion Ratio Lower Upper
146 100
111 40.4 27.6 51.2
148 64.3 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.28 ug/L

RT: 12.218 min Scan# 3383

Delta R.T. -0.003 min

Lab File: VU043695.D

Acq: 13 May 2021 10:43

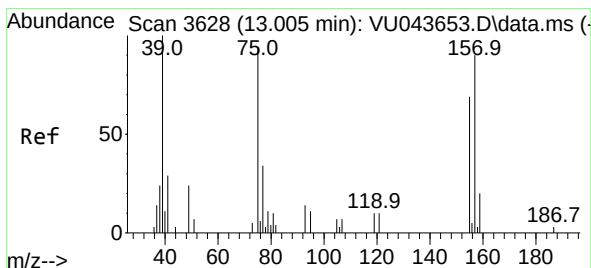
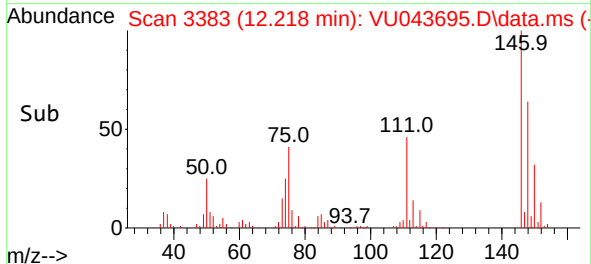
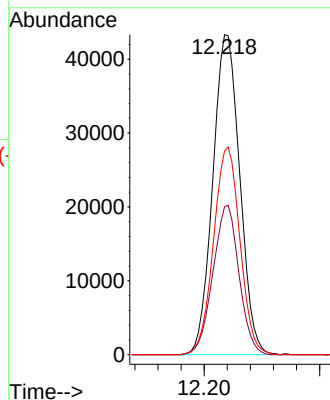
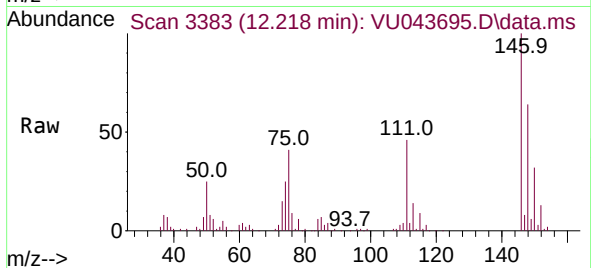
Tgt Ion:146 Resp: 70280

Ion Ratio Lower Upper

146 100

111 46.2 32.6 49.0

148 63.6 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.91 ug/L

RT: 13.005 min Scan# 3628

Delta R.T. 0.000 min

Lab File: VU043695.D

Acq: 13 May 2021 10:43

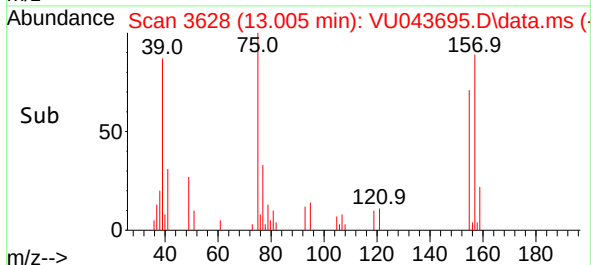
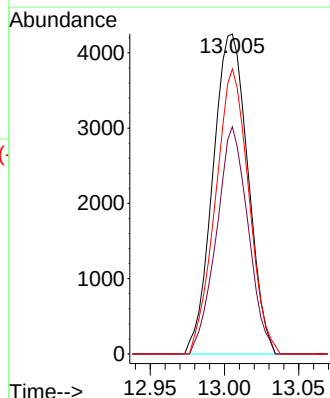
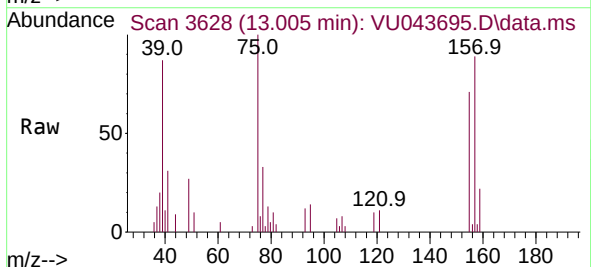
Tgt Ion: 75 Resp: 6979

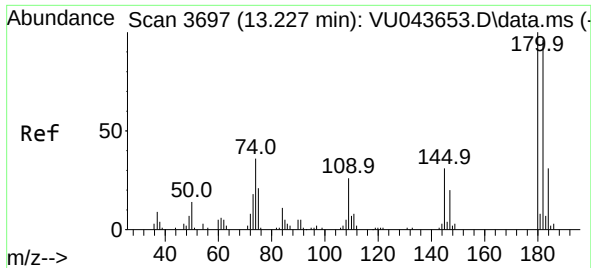
Ion Ratio Lower Upper

75 100

155 71.0 57.8 86.6

157 89.0 68.5 102.7

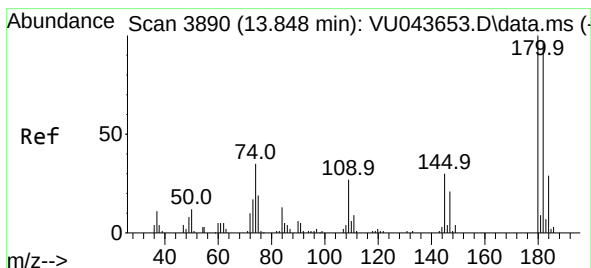
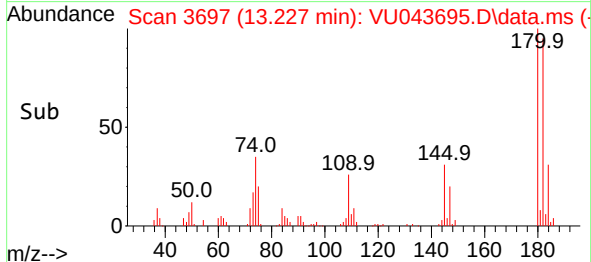
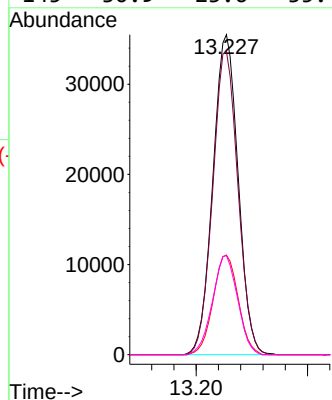
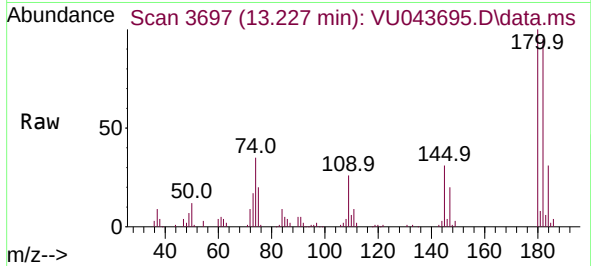




#69
1,3,5-Trichlorobenzene
Concen: 5.32 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

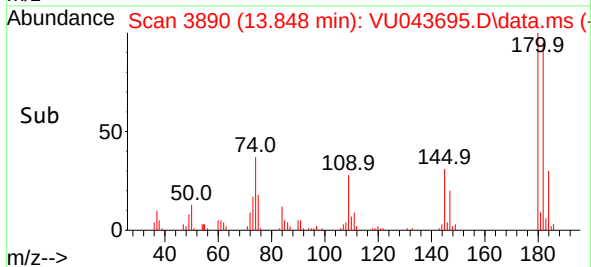
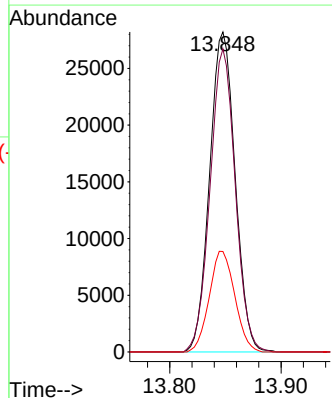
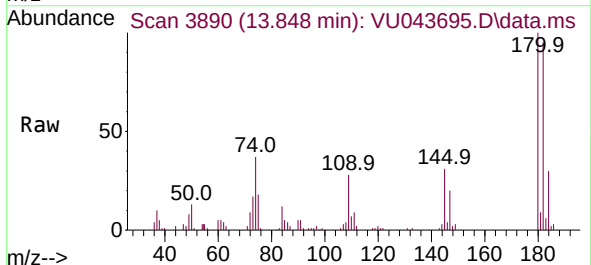
Instrument :
MSVOA_U
ClientSampleId :

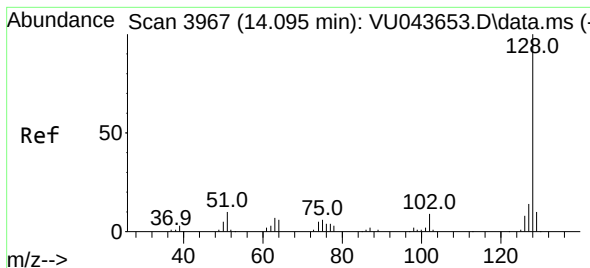
Tgt Ion:	180	Resp:	55697
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.0	114.0
184	31.1	24.1	36.1
145	30.9	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 5.20 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion:	180	Resp:	44849
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.9	113.9
145	31.5	24.6	37.0

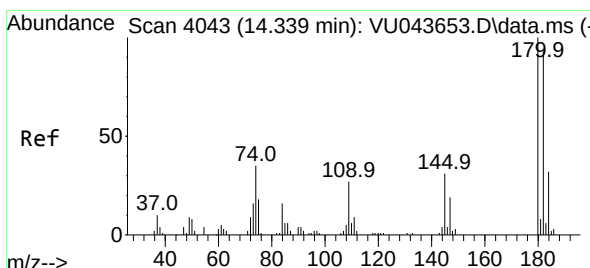
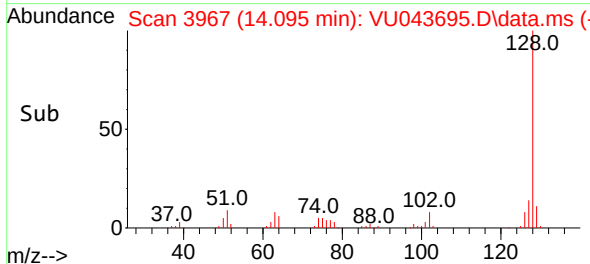
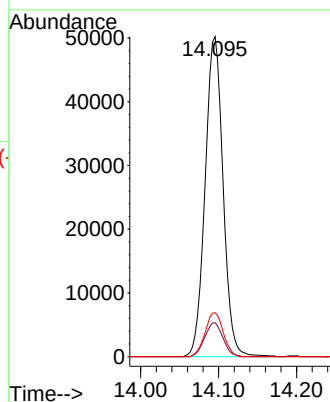
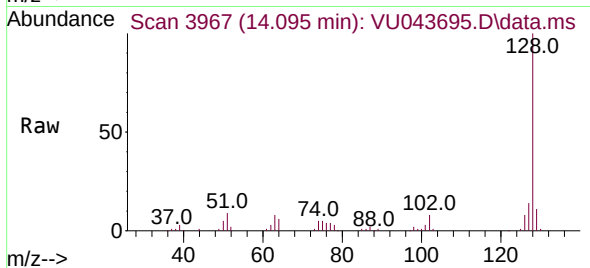




#71
Naphthalene
Concen: 5.41 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 80382
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.9 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.44 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043695.D
Acq: 13 May 2021 10:43

Tgt Ion:180 Resp: 44056
Ion Ratio Lower Upper
180 100
182 93.1 75.7 113.5
145 31.3 25.7 38.5

