

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042083.D
 Acq On : 15 Jan 2021 19:38
 Operator : SY/MD
 Sample : M1164-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP9

Quant Time: Jan 16 01:15:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 16 01:05:16 2021
 Response via : Initial Calibration

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

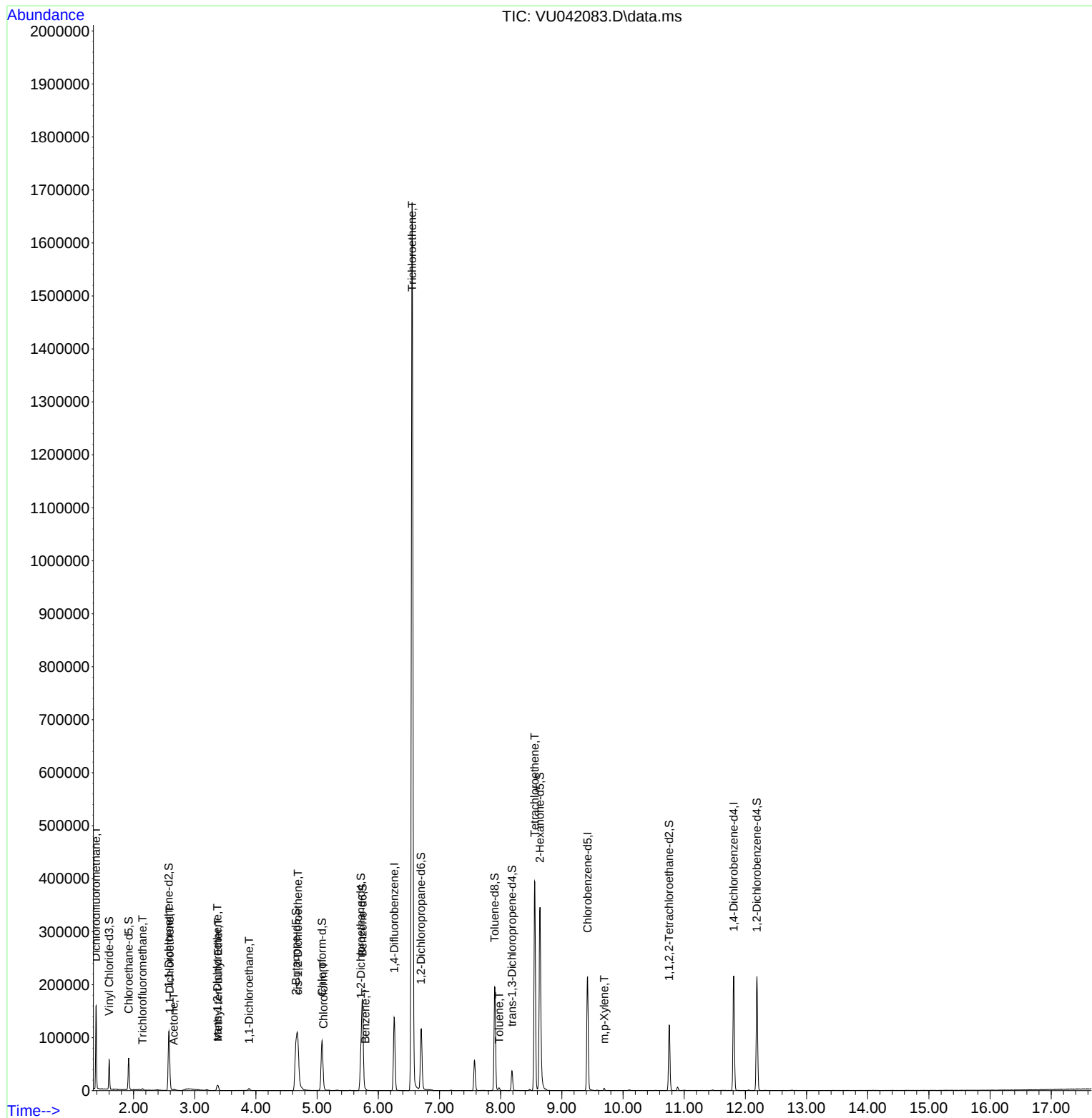
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	110497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	120048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	58875	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36864	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.919	69	42718	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.575	63	63517	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.655	46	172494	61.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.30%
24) Chloroform-d	5.080	84	87980	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.716	65	50498	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.742	84	156426	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.700	67	54980	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.903	98	133512	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloroprop...	8.186	79	21542	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.642	63	137562	52.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.90%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	64559	6.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.20%#
64) 1,2-Dichlorobenzene-d4	12.189	152	55945	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	85564	8.42	ug/L	99
9) Trichlorofluoromethane	2.144	101	1911	0.12	ug/L	89
12) 1,1-Dichloroethene	2.591	96	8584	0.99	ug/L #	25
13) Acetone	2.658	43	3716	2.12	ug/L	98
17) Methyl tert-butyl Ether	3.382	73	7460	0.33	ug/L	98
18) trans-1,2-Dichloroethene	3.369	96	1999	0.23	ug/L	79
19) 1,1-Dichloroethane	3.887	63	4087	0.24	ug/L	91
22) cis-1,2-Dichloroethene	4.687	96	32686	3.56	ug/L	83
25) Chloroform	5.102	83	3297	0.19	ug/L	96
33) Benzene	5.790	78	2176	0.05	ug/L	100
34) Trichloroethene	6.552	95	588154	52.96	ug/L	99
42) Toluene	7.977	91	3918	0.08	ug/L	92
47) Tetrachloroethene	8.555	164	87433	12.15	ug/L	96
53) m,p-Xylene	9.694	106	1321	0.08	ug/L	88

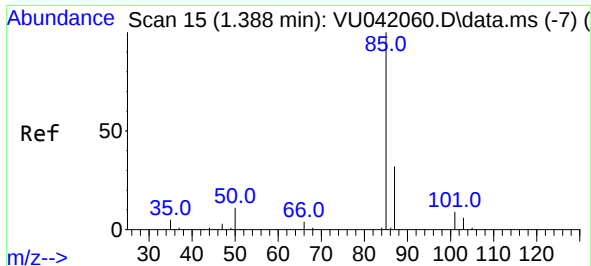
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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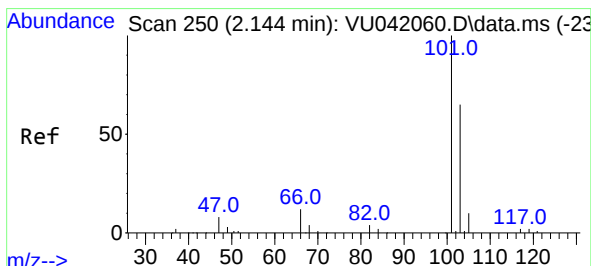
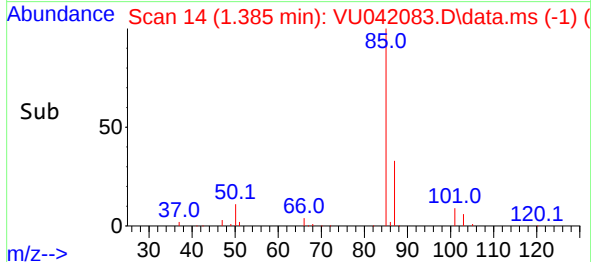
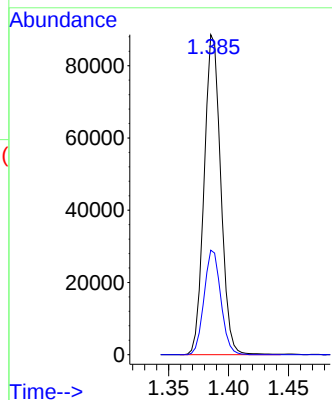
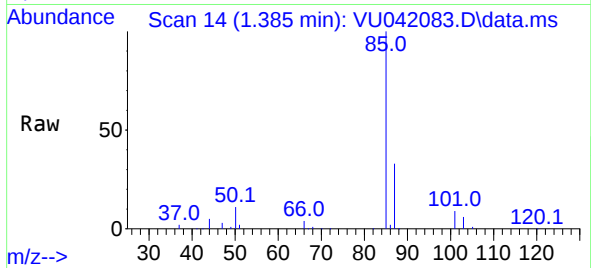




#2
Dichlorodifluoromethane
Concen: 8.42 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

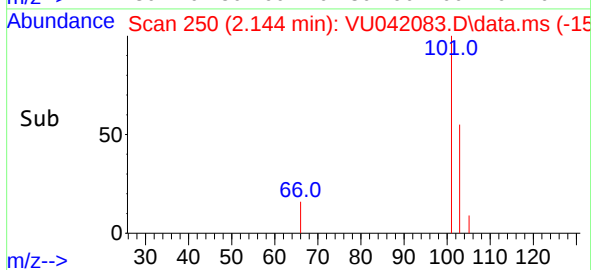
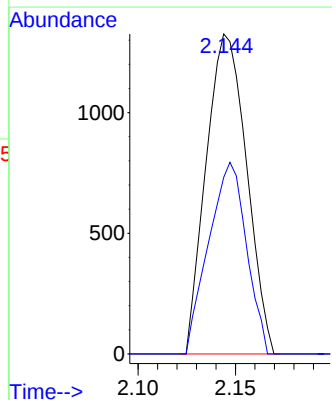
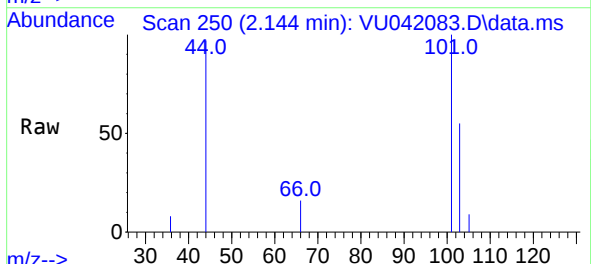
Instrument :
MSVOA_U
ClientSampleId :
BFXP9

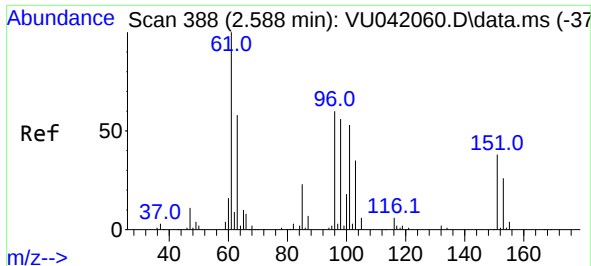
Tgt Ion: 85 Resp: 85564
Ion Ratio Lower Upper
85 100
87 32.9 25.7 38.5



#9
Trichlorofluoromethane
Concen: 0.12 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

Tgt Ion:101 Resp: 1911
Ion Ratio Lower Upper
101 100
103 55.9 51.6 77.4





#12

1,1-Dichloroethene

Concen: 0.99 ug/L

RT: 2.591 min Scan# 389

Delta R.T. 0.003 min

Lab File: VU042083.D

Acq: 15 Jan 2021 19:38

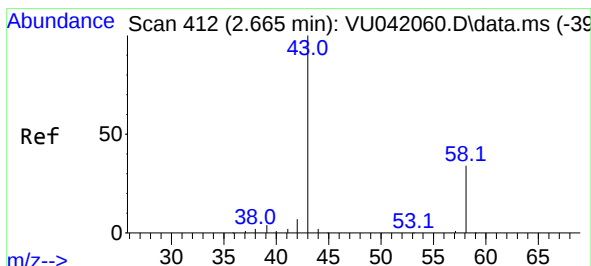
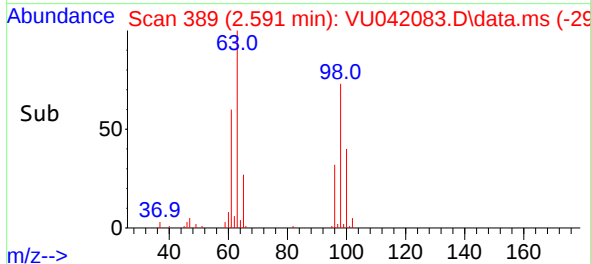
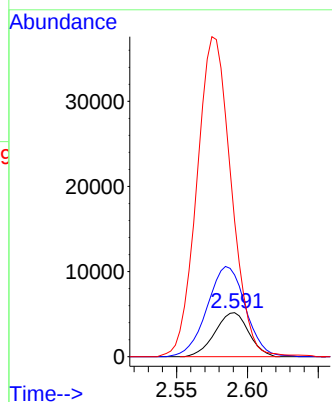
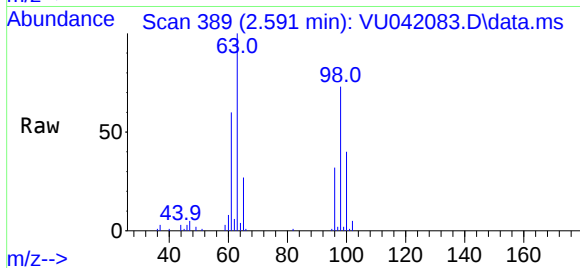
Tgt Ion: 96 Resp: 8584

Ion Ratio Lower Upper

96 100

61 186.0 122.2 226.9

63 309.3 82.8 153.8#



#13

Acetone

Concen: 2.12 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.006 min

Lab File: VU042083.D

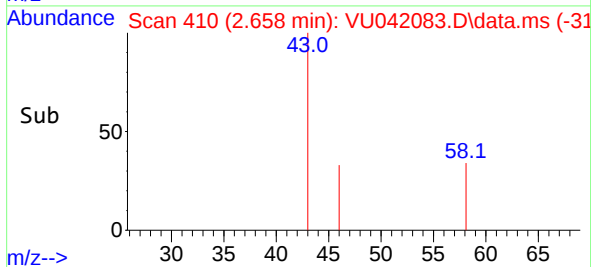
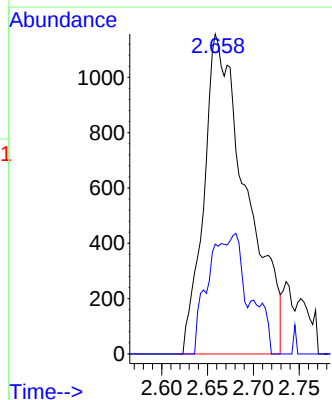
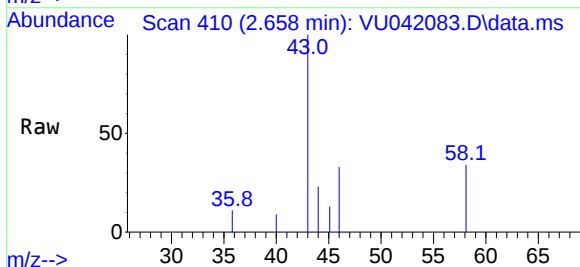
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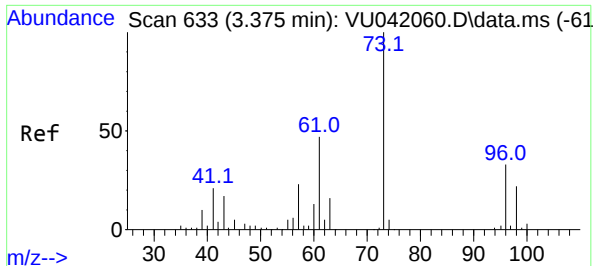
Tgt Ion: 43 Resp: 3716

Ion Ratio Lower Upper

43 100

58 29.9 0.0 57.4



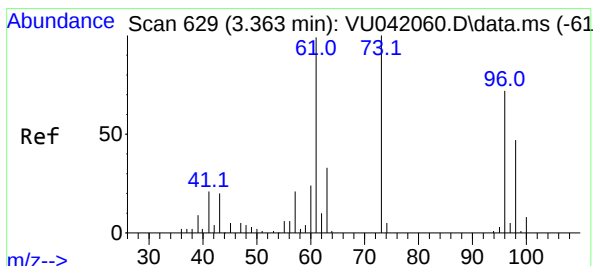
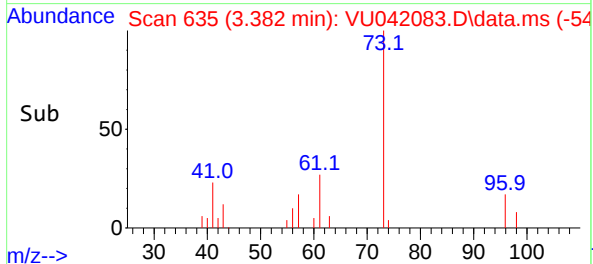
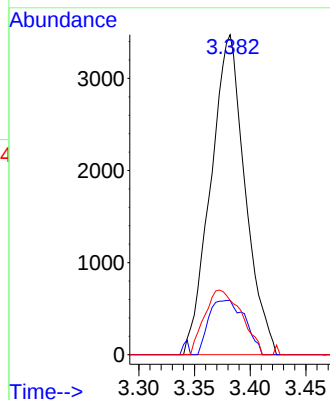
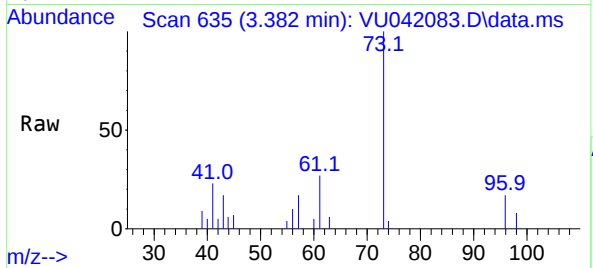


#17
Methyl tert-butyl Ether
Concen: 0.33 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.006 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

Instrument :
MSVOA_U
ClientSampled :
BFXP9

Tgt Ion: 73 Resp: 7460

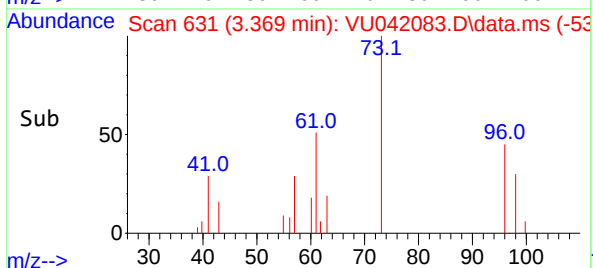
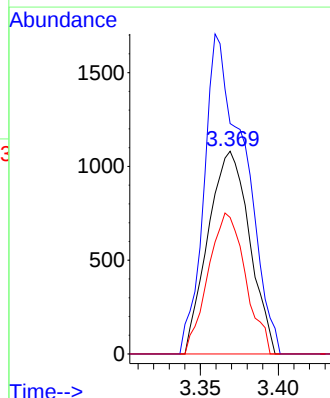
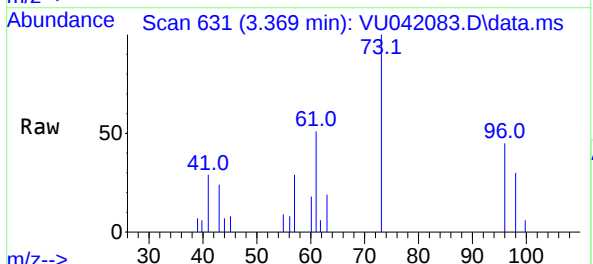
Ion	Ratio	Lower	Upper
73	100		
43	17.8	15.1	22.7
57	21.7	18.0	27.0

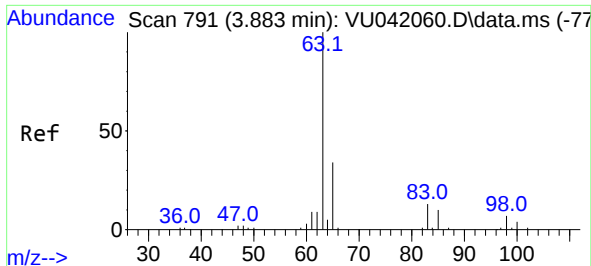


#18
trans-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.006 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

Tgt Ion: 96 Resp: 1999

Ion	Ratio	Lower	Upper
96	100		
61	113.6	103.2	191.6
98	67.3	43.8	81.3



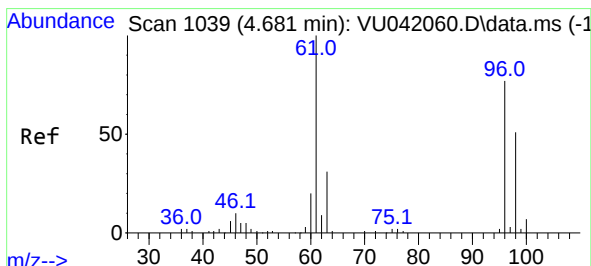
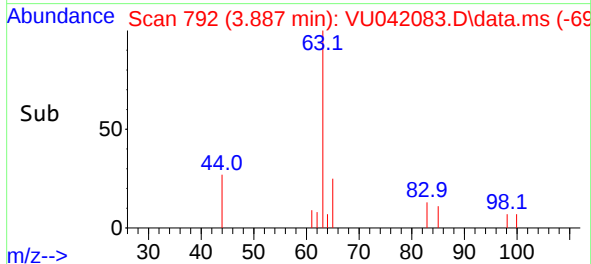
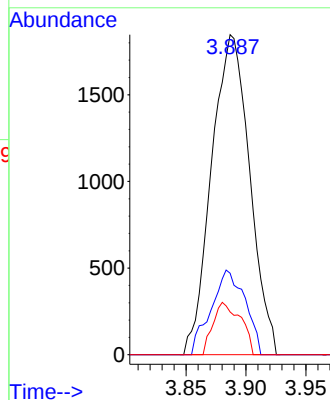
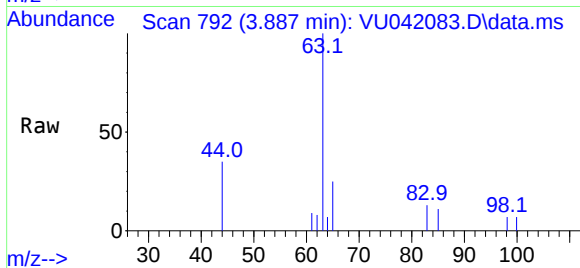


#19

1,1-Dichloroethane
Concen: 0.24 ug/L
RT: 3.887 min Scan# 792
Delta R.T. 0.003 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

Instrument :
MSVOA_U
ClientSampled :
BFXP9

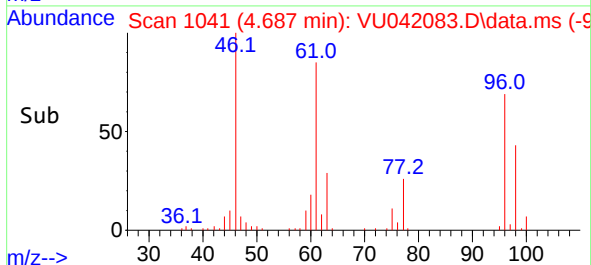
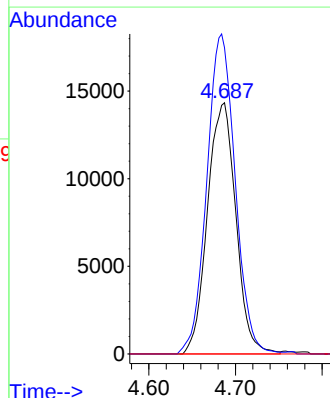
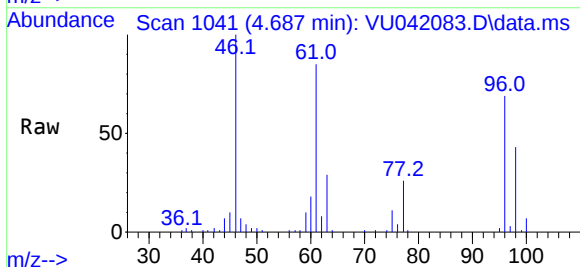
Tgt Ion: 63 Resp: 4087
Ion Ratio Lower Upper
63 100
65 25.4 22.7 42.1
83 13.4 9.4 17.6

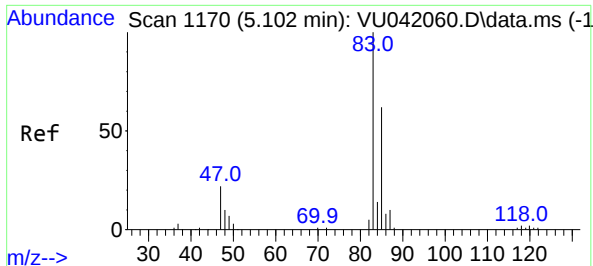


#22

cis-1,2-Dichloroethene
Concen: 3.56 ug/L
RT: 4.687 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

Tgt Ion: 96 Resp: 32686
Ion Ratio Lower Upper
96 100
61 121.9 100.3 186.3
68 0.0 0.0 0.0



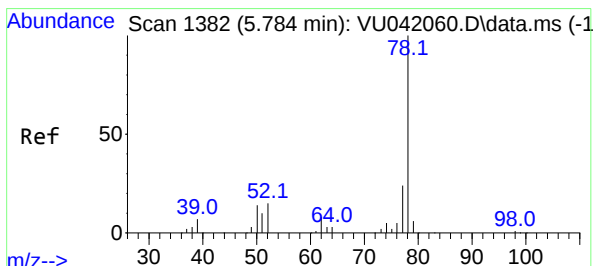
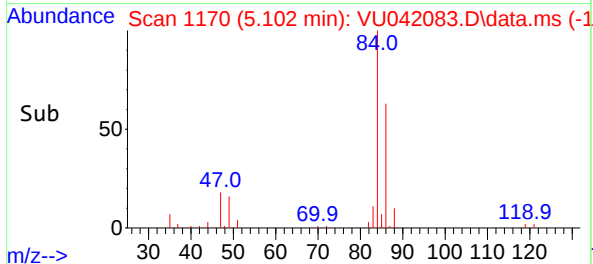
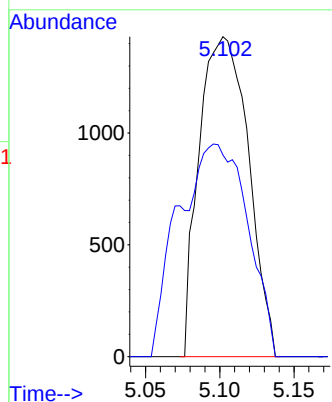
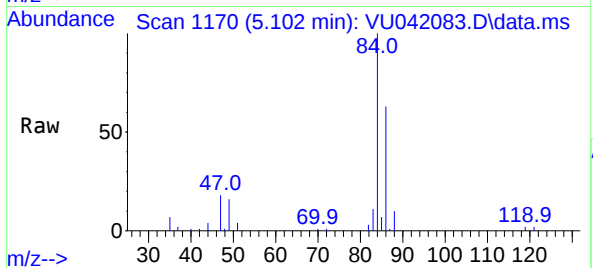


#25

Chloroform
Concen: 0.19 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

Instrument :
MSVOA_U
ClientSampleId :
BFXP9

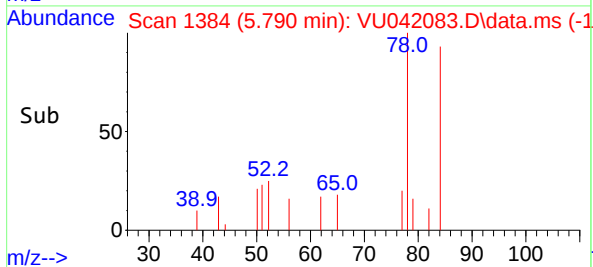
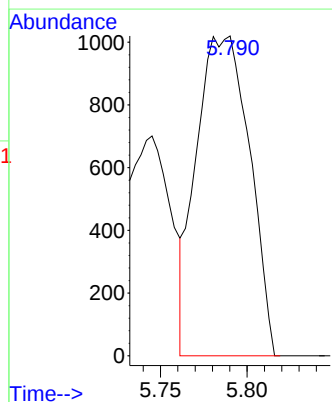
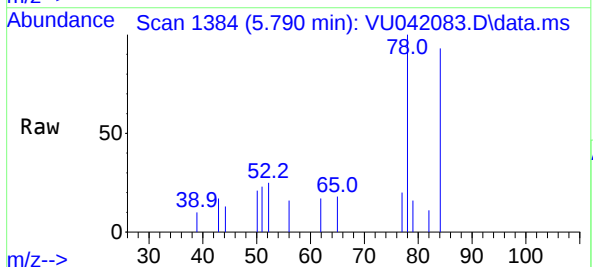
Tgt Ion: 83 Resp: 3297
Ion Ratio Lower Upper
83 100
85 63.0 46.1 85.7

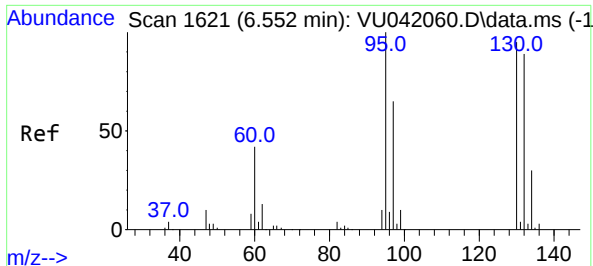


#33

Benzene
Concen: 0.05 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

Tgt Ion: 78 Resp: 2176

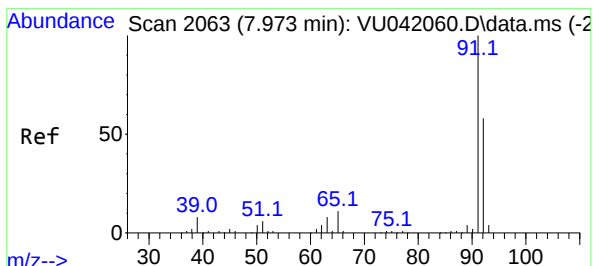
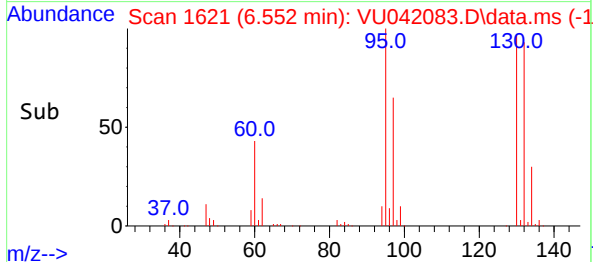
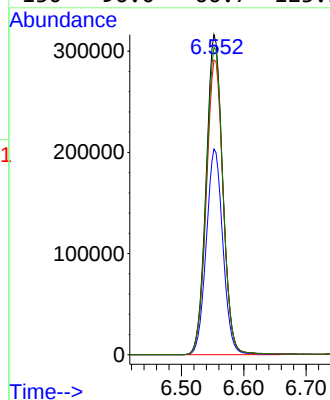
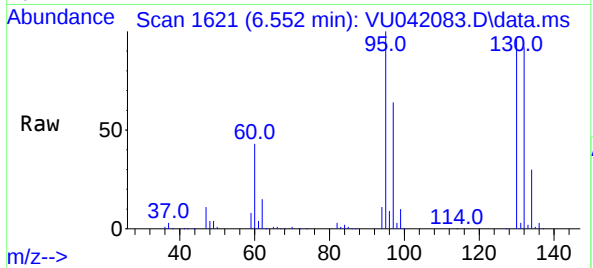




#34
Trichloroethene
Concen: 52.96 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

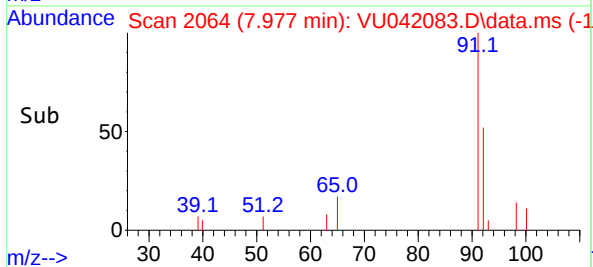
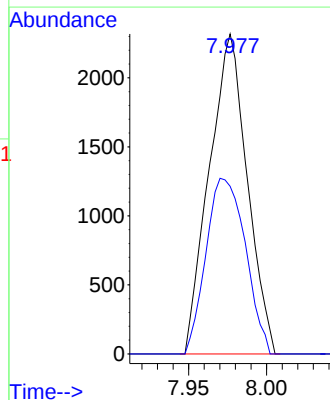
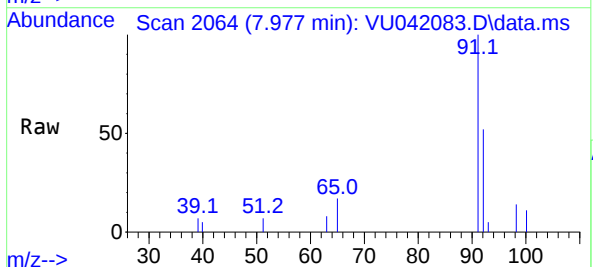
Instrument :
MSVOA_U
ClientSampleId :
BFXP9

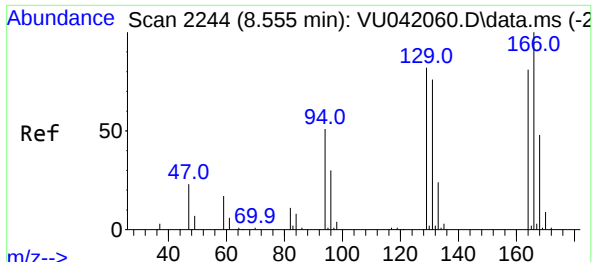
Tgt Ion: 95 Resp: 588154
Ion Ratio Lower Upper
95 100
97 64.2 43.6 81.0
132 92.0 64.3 119.3
130 96.0 66.7 123.9



#42
Toluene
Concen: 0.08 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

Tgt Ion: 91 Resp: 3918
Ion Ratio Lower Upper
91 100
92 52.4 40.7 75.7



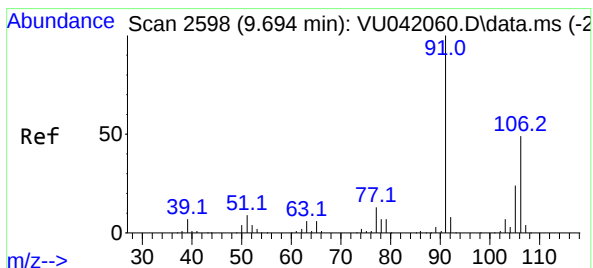
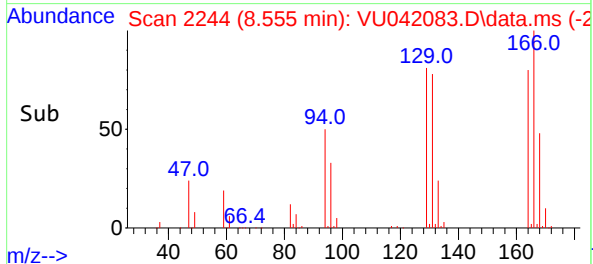
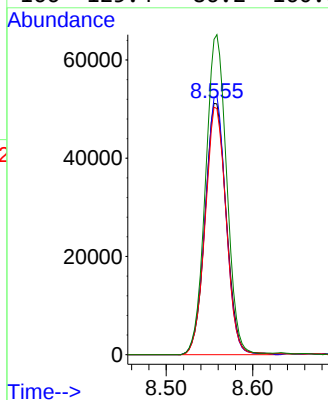
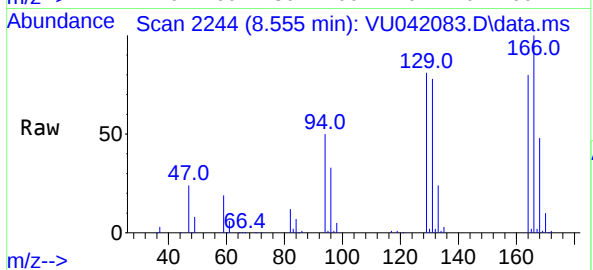


#47
Tetrachloroethene
Concen: 12.15 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

Instrument :
MSVOA_U
ClientSampleId :
BFXP9

Tgt Ion:164 Resp: 87433

Ion	Ratio	Lower	Upper
164	100		
129	102.2	68.7	127.5
131	98.4	65.2	121.0
166	125.4	86.2	160.0



#53
m,p-Xylene
Concen: 0.08 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU042083.D
Acq: 15 Jan 2021 19:38

Tgt Ion:106 Resp: 1321

Ion	Ratio	Lower	Upper
106	100		
91	189.8	145.7	270.5

