

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042030.D
 Acq On : 14 Jan 2021 13:27
 Operator : SY/MD
 Sample : M1027-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK9

Quant Time: Jan 15 05:23:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

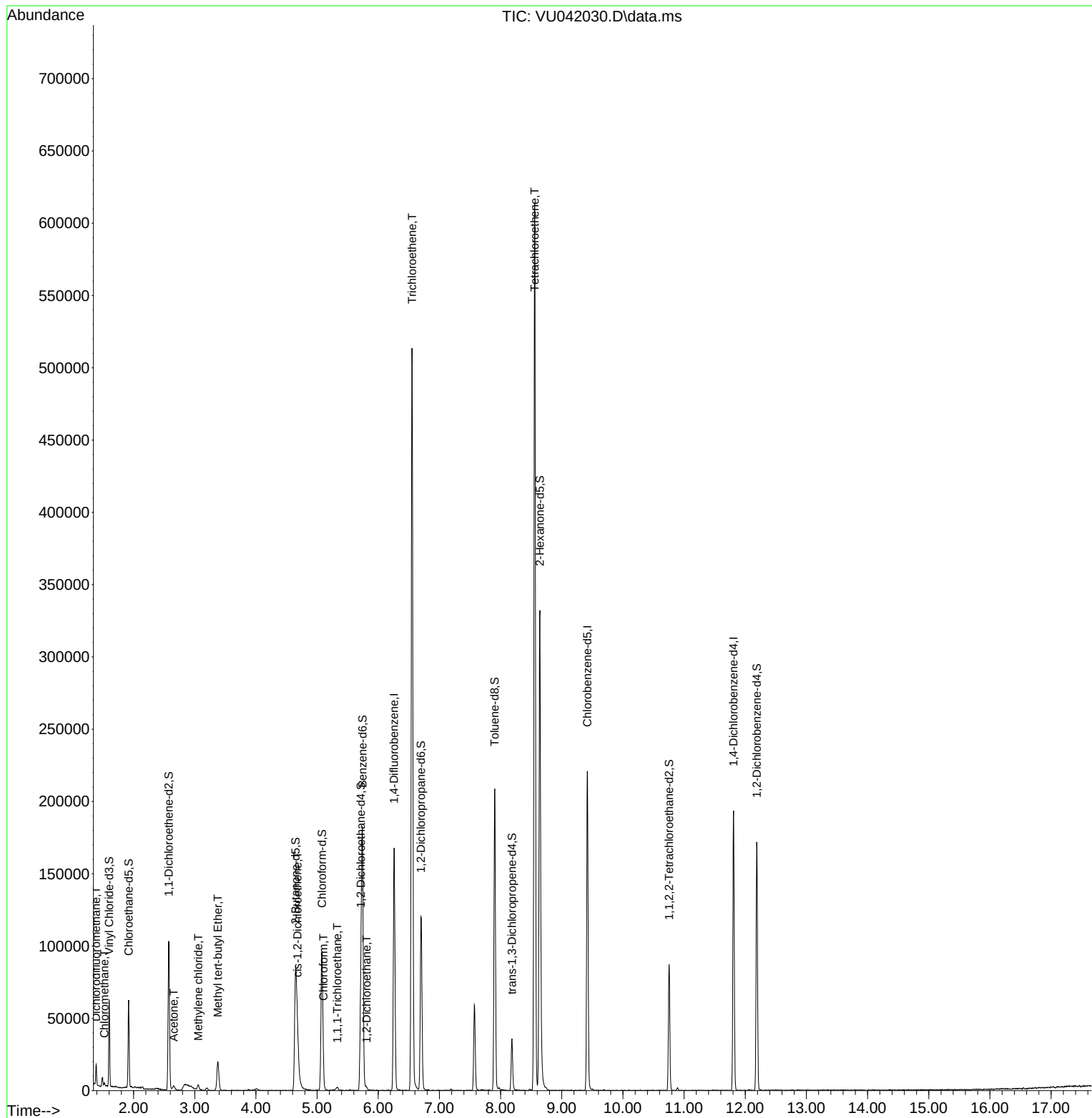
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	133022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	123386	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	50331	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40946	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.919	69	41494	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.575	63	61635	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.649	46	148711	44.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.30%
24) Chloroform-d	5.079	84	89869	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.716	65	49977	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.742	84	167571	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.700	67	57885	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.902	98	139276	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloroprop...	8.185	79	21897	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.642	63	126855	47.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.12%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	44655	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.188	152	44762	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	6485	0.53	ug/L	97
3) Chloromethane	1.523	50	1599	0.10	ug/L	91
13) Acetone	2.658	43	4357	2.07	ug/L	87
16) Methylene chloride	3.060	84	1742	0.14	ug/L	89
17) Methyl tert-butyl Ether	3.379	73	22146	0.81	ug/L	98
22) cis-1,2-Dichloroethene	4.681	96	8322	0.75	ug/L	83
25) Chloroform	5.102	83	2799	0.13	ug/L	90
27) 1,2-Dichloroethane	5.809	62	1529	0.11	ug/L #	83
29) 1,1,1-Trichloroethane	5.330	97	1797	0.10	ug/L	95
34) Trichloroethene	6.552	95	183717	16.10	ug/L	96
47) Tetrachloroethene	8.558	164	132366	17.90	ug/L	92

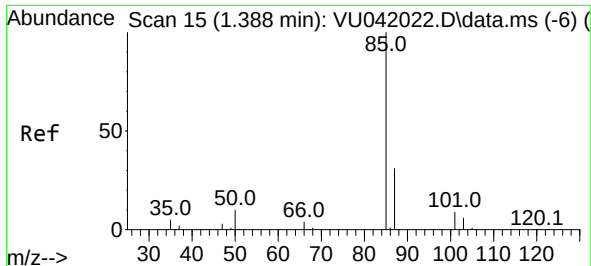
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 05:20:45 2021
Response via : Initial Calibration

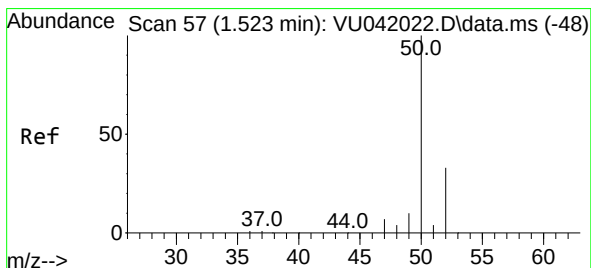
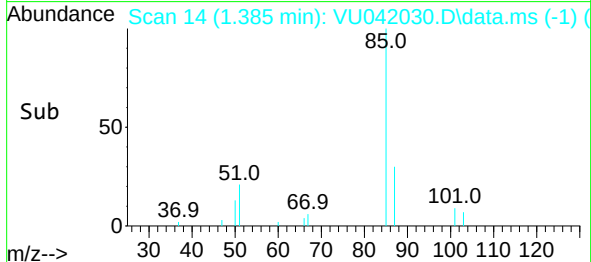
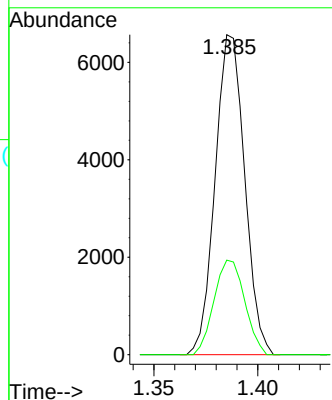
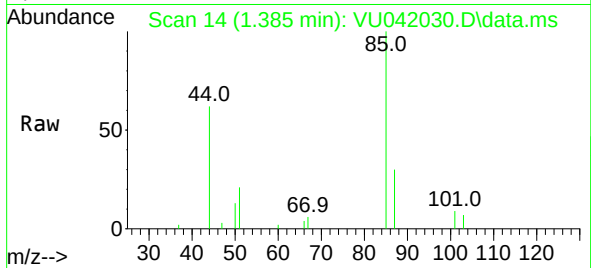




#2
Dichlorodifluoromethane
Concen: 0.53 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU042030.D
Acq: 14 Jan 2021 13:27

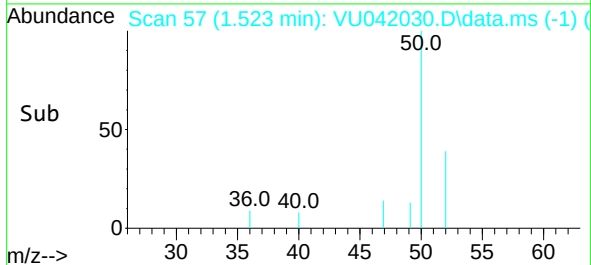
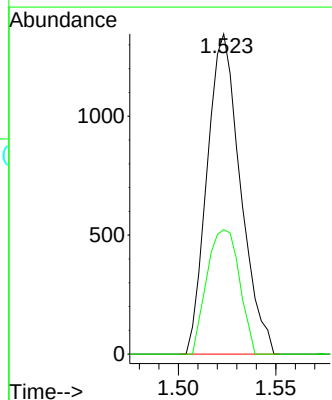
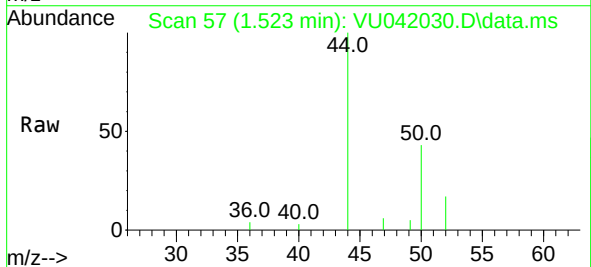
Instrument :
MSVOA_U
ClientSampleId :
BFXK9

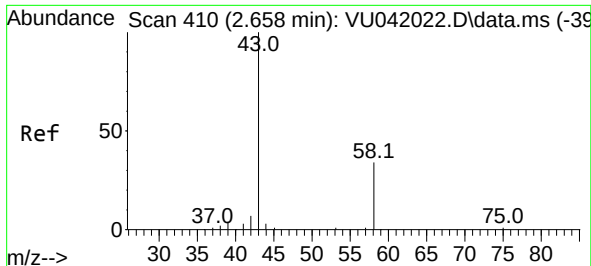
Tgt Ion: 85 Resp: 6485
Ion Ratio Lower Upper
85 100
87 30.6 25.7 38.5



#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042030.D
Acq: 14 Jan 2021 13:27

Tgt Ion: 50 Resp: 1599
Ion Ratio Lower Upper
50 100
52 38.9 23.5 43.7

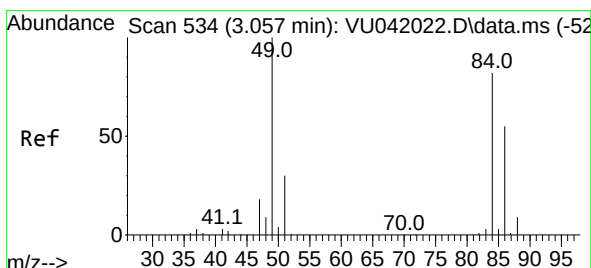
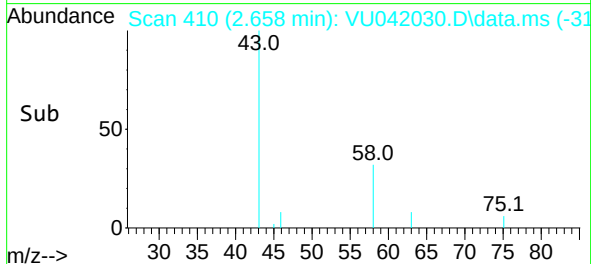
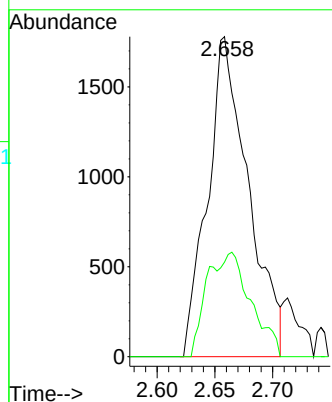
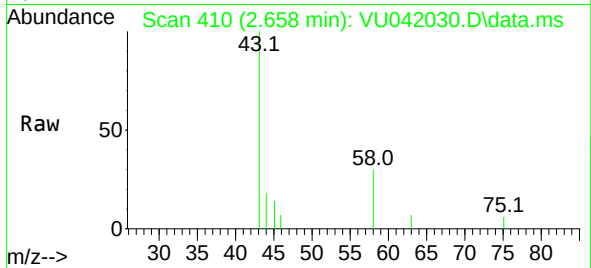




#13
Acetone
Concen: 2.07 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU042030.D
Acq: 14 Jan 2021 13:27

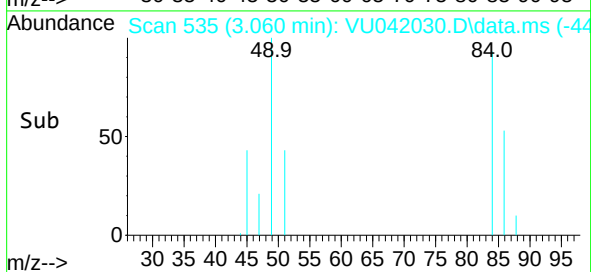
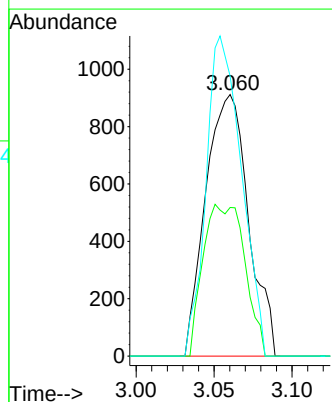
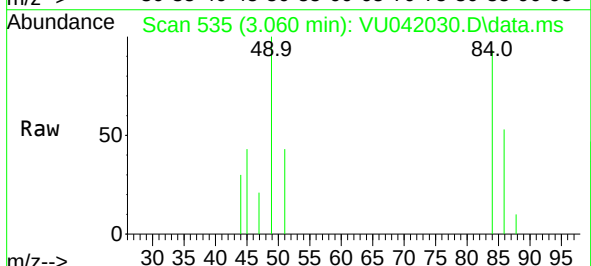
Instrument :
MSVOA_U
ClientSampleId :
BFXK9

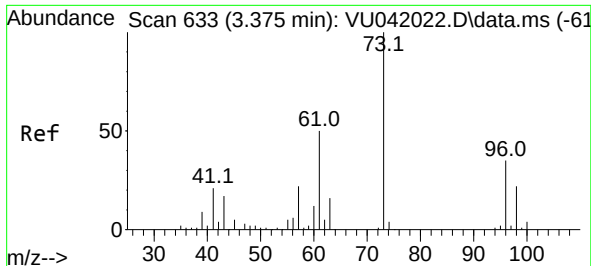
Tgt Ion: 43 Resp: 4357
Ion Ratio Lower Upper
43 100
58 21.9 0.0 57.4



#16
Methylene chloride
Concen: 0.14 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.003 min
Lab File: VU042030.D
Acq: 14 Jan 2021 13:27

Tgt Ion: 84 Resp: 1742
Ion Ratio Lower Upper
84 100
86 56.8 42.6 79.0
49 107.0 86.2 160.0

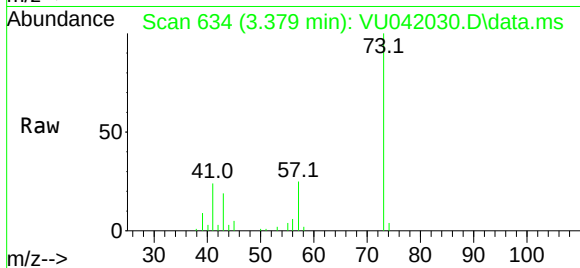




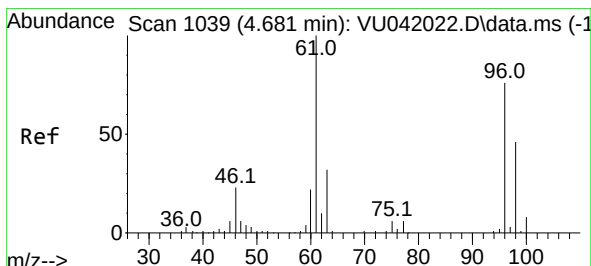
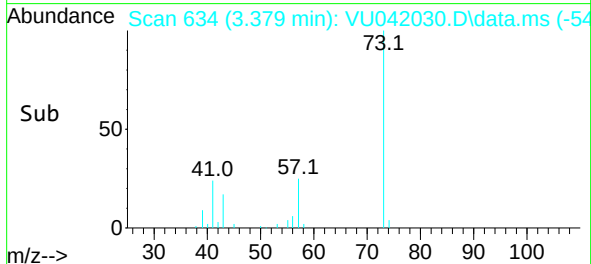
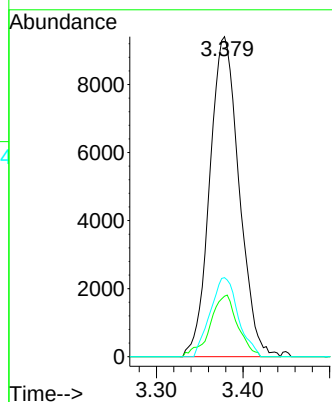
#17

Methyl tert-butyl Ether
 Concen: 0.81 ug/L
 RT: 3.379 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VU042030.D
 Acq: 14 Jan 2021 13:27

Instrument :
 MSVOA_U
 ClientSampled :
 BFXK9



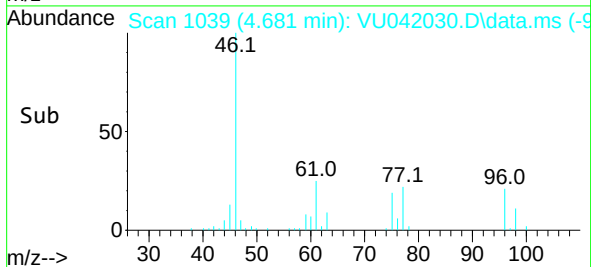
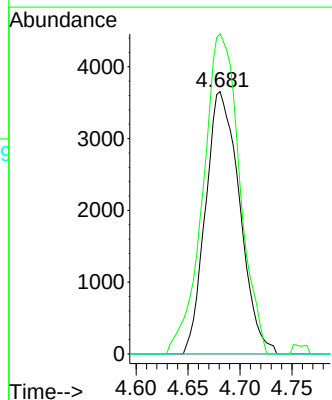
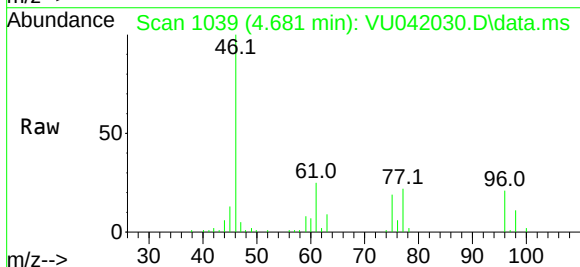
Tgt Ion: 73	Resp: 22146
Ion Ratio	Lower Upper
73	100
43	18.0 15.1 22.7
57	23.4 18.0 27.0

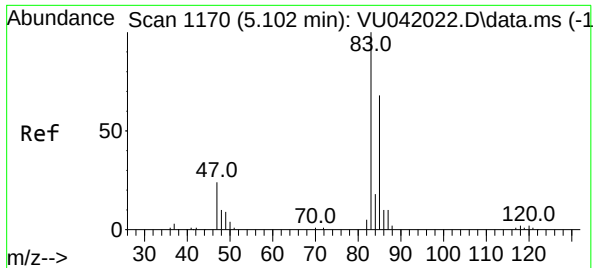


#22

cis-1,2-Dichloroethene
 Concen: 0.75 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VU042030.D
 Acq: 14 Jan 2021 13:27

Tgt Ion: 96	Resp: 8322
Ion Ratio	Lower Upper
96	100
61	122.0 100.3 186.3
68	0.0 0.0 0.0





#25

Chloroform

Concen: 0.13 ug/L

RT: 5.102 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VU042030.D

Acq: 14 Jan 2021 13:27

Tgt Ion: 83 Resp: 2799

Ion Ratio Lower Upper

83 100

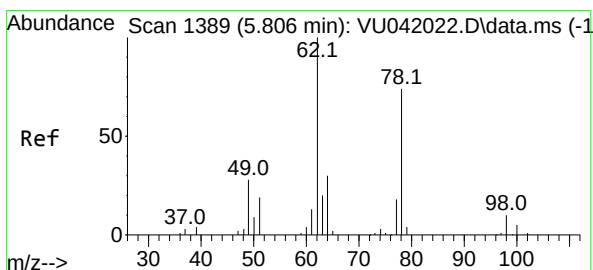
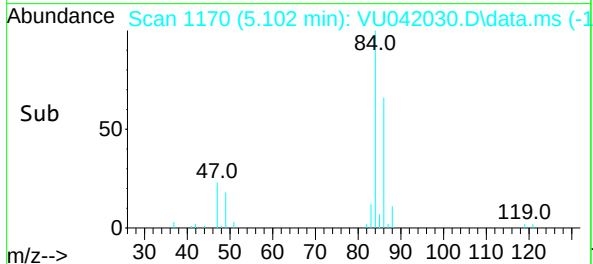
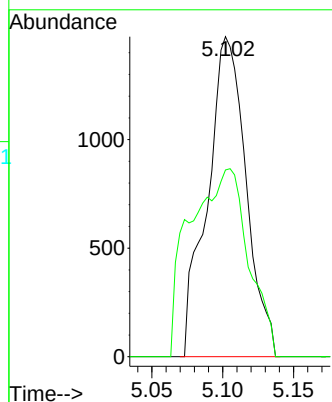
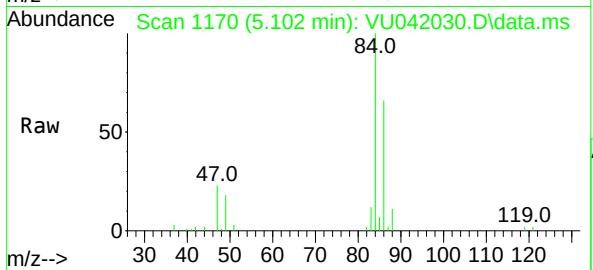
85 58.3 46.1 85.7

Instrument :

MSVOA_U

ClientSampled :

BFXK9



#27

1,2-Dichloroethane

Concen: 0.11 ug/L

RT: 5.809 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VU042030.D

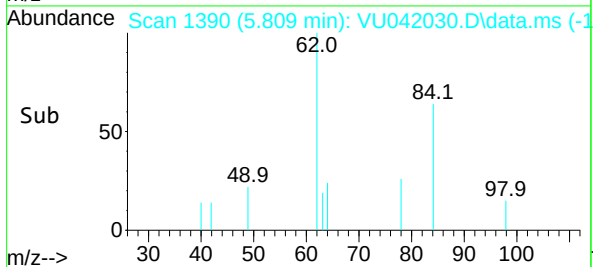
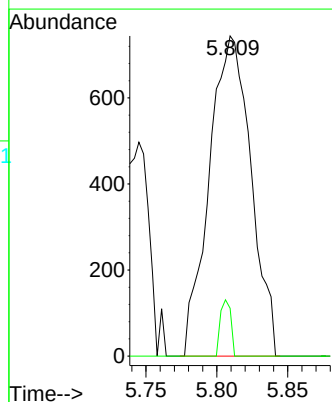
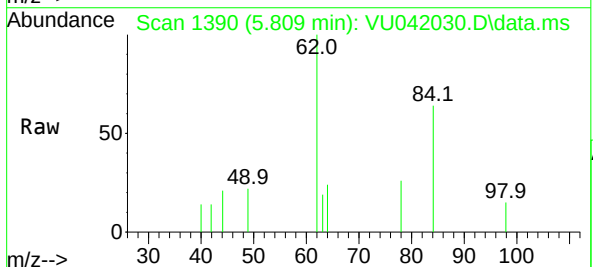
Acq: 14 Jan 2021 13:27

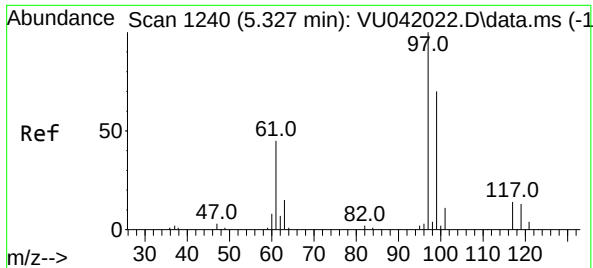
Tgt Ion: 62 Resp: 1529

Ion Ratio Lower Upper

62 100

98 14.9 7.1 10.7#



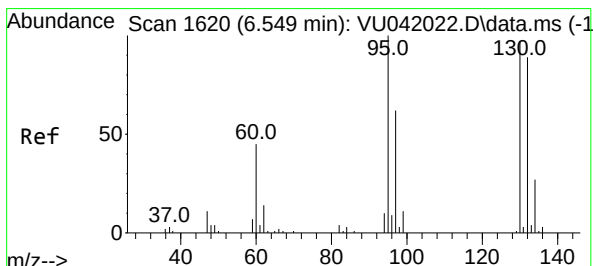
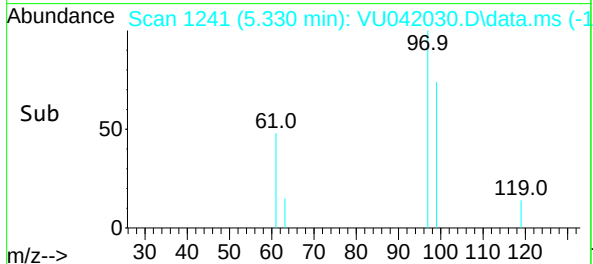
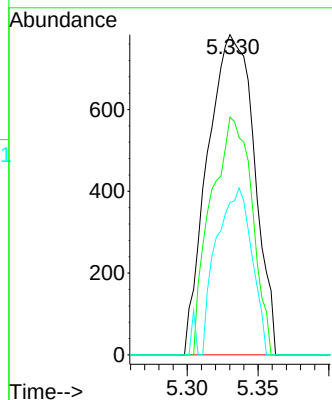
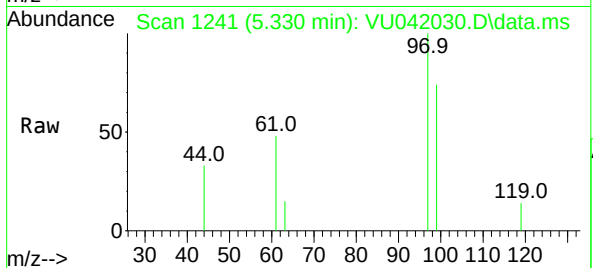


#29

1,1,1-Trichloroethane
Concen: 0.10 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VU042030.D
Acq: 14 Jan 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :
BFXK9

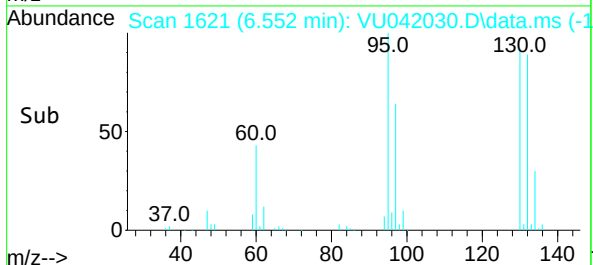
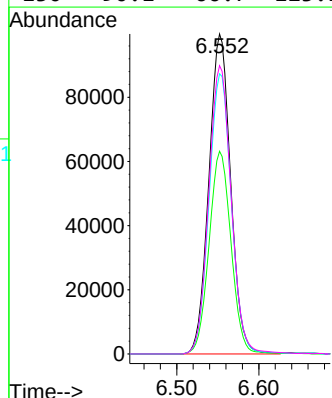
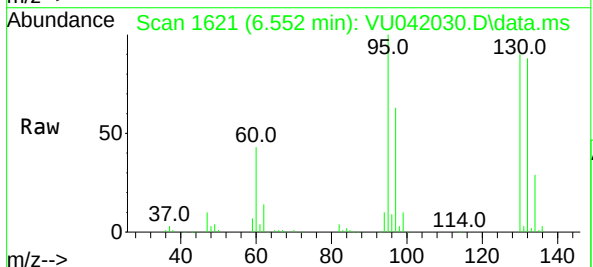
Tgt Ion:	97	Resp:	1797
Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.2	75.4
61	39.3	35.8	53.6

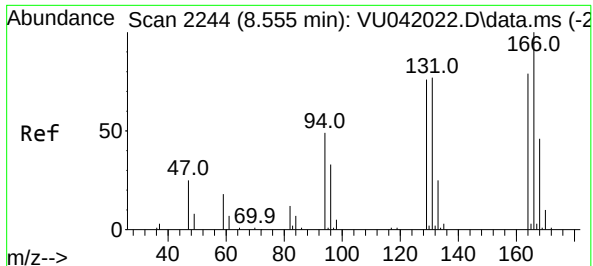


#34

Trichloroethene
Concen: 16.10 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042030.D
Acq: 14 Jan 2021 13:27

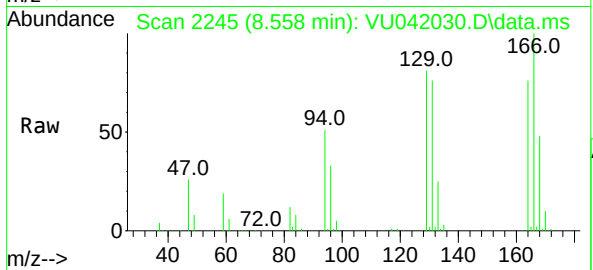
Tgt Ion:	95	Resp:	183717
Ion	Ratio	Lower	Upper
95	100		
97	63.4	43.6	81.0
132	87.6	64.3	119.3
130	90.1	66.7	123.9





#47
Tetrachloroethene
Concen: 17.90 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042030.D
Acq: 14 Jan 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :
BFXK9



Tgt Ion:	164	Resp:	132366
Ion	Ratio	Lower	Upper
164	100		
129	107.0	68.7	127.5
131	100.4	65.2	121.0
166	131.5	86.2	160.0

