

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042142.D
 Acq On : 21 Jan 2021 11:47
 Operator : SY/MD
 Sample : M1164-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP9

Quant Time: Jan 22 02:45:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

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

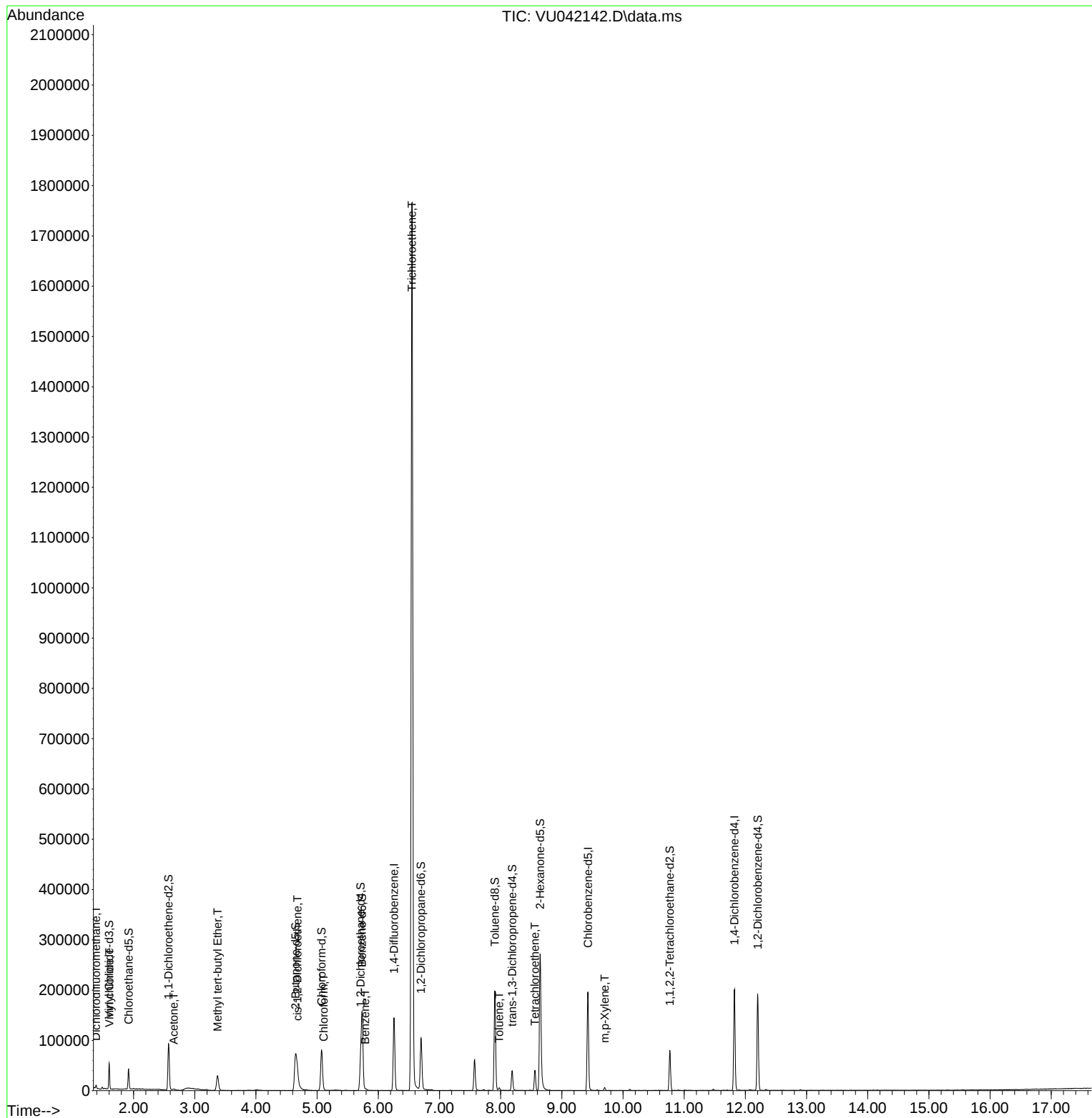
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	113458	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	104490	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	53256	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	32602	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.919	69	27289	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.572	63	57222	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.649	46	140620	52.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.30%
24) Chloroform-d	5.073	84	70979	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.710	65	45038	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.735	84	135420	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.700	67	45175	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.906	98	124430	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.189	79	20983	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.645	63	100645	51.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.64%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	37814	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	48605	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	3072	0.29	ug/L	98
5) Vinyl chloride	1.607	62	702	0.08	ug/L #	21
13) Acetone	2.658	43	4533	2.55	ug/L	93
17) Methyl tert-butyl Ether	3.372	73	31067	1.40	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	8959	1.03	ug/L	96
25) Chloroform	5.105	83	1831	0.12	ug/L	85
33) Benzene	5.787	78	1268	0.04	ug/L	100
34) Trichloroethene	6.549	95	585173	70.57	ug/L	99
42) Toluene	7.976	91	3569	0.11	ug/L	99
47) Tetrachloroethene	8.558	164	9160	1.33	ug/L	97
53) m,p-Xylene	9.700	106	1710	0.12	ug/L	92

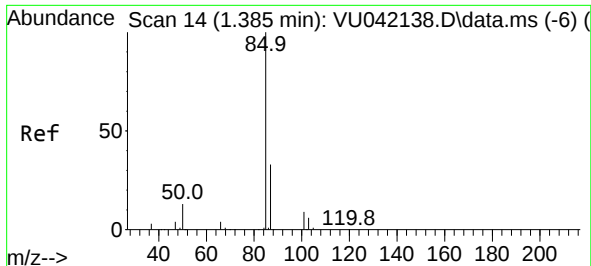
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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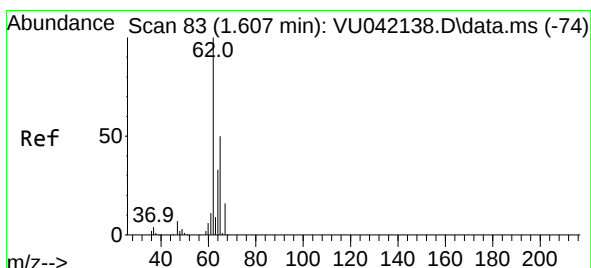
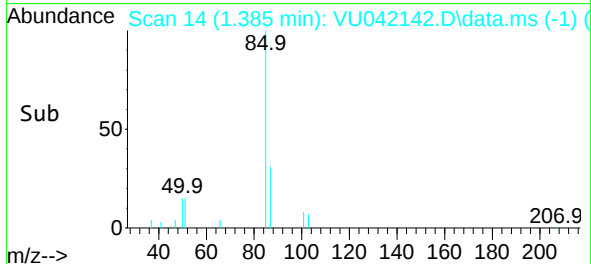
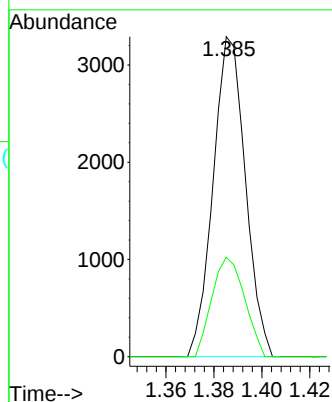
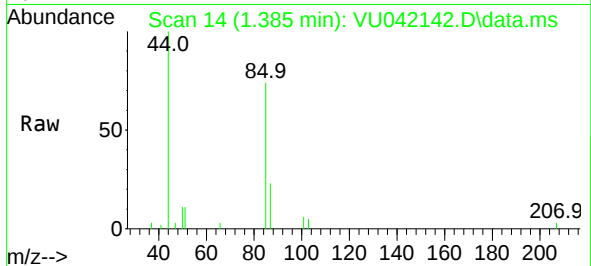




#2
Dichlorodifluoromethane
Concen: 0.29 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042142.D
Acq: 21 Jan 2021 11:47

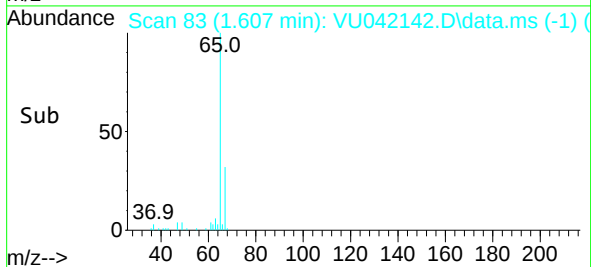
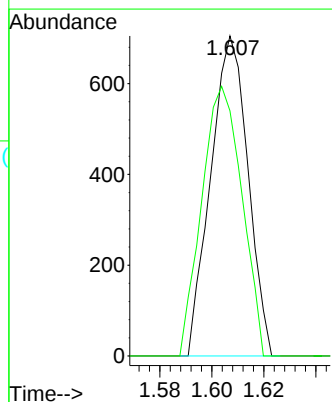
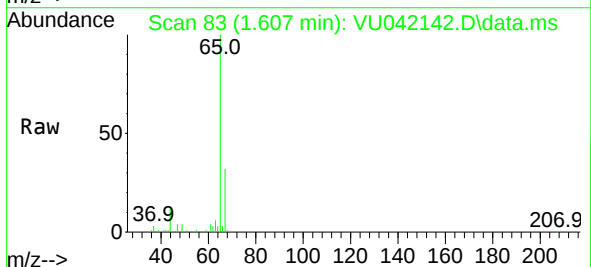
Instrument :
MSVOA_U
ClientSampleId :
BFXP9

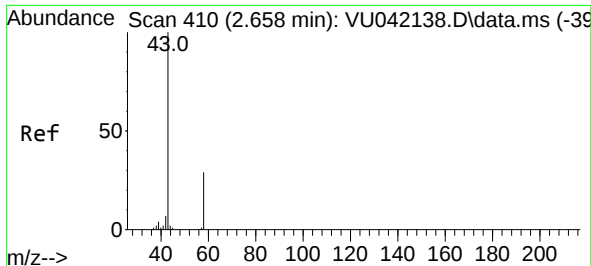
Tgt Ion: 85 Resp: 3072
Ion Ratio Lower Upper
85 100
87 31.3 26.1 39.1



#5
Vinyl chloride
Concen: 0.08 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU042142.D
Acq: 21 Jan 2021 11:47

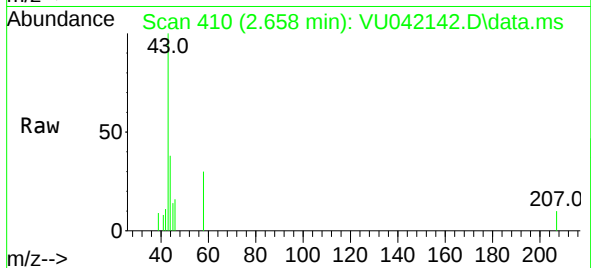
Tgt Ion: 62 Resp: 702
Ion Ratio Lower Upper
62 100
64 76.6 22.7 42.1#



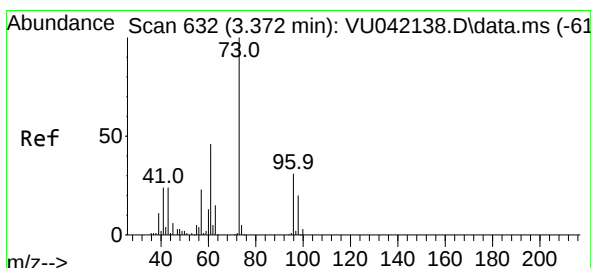
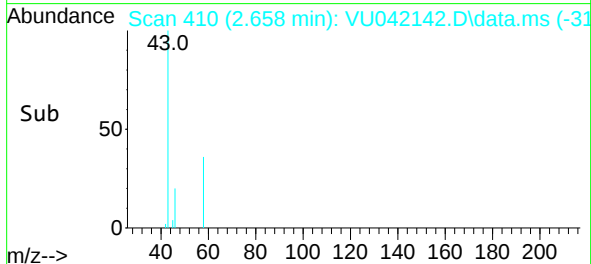
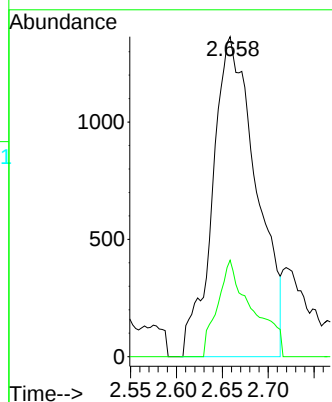


#13
Acetone
Concen: 2.55 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU042142.D
Acq: 21 Jan 2021 11:47

Instrument :
MSVOA_U
ClientSampleId :
BFXP9

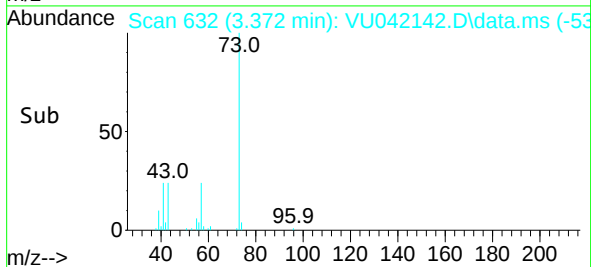
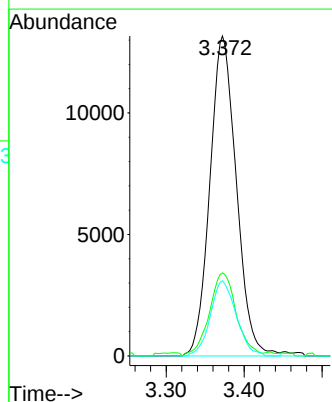
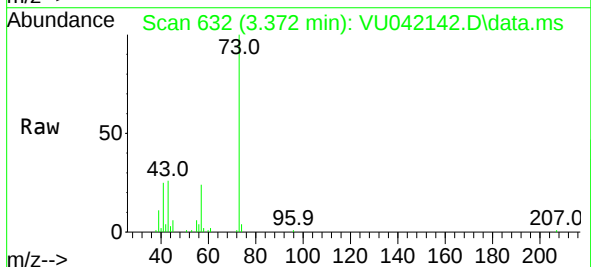


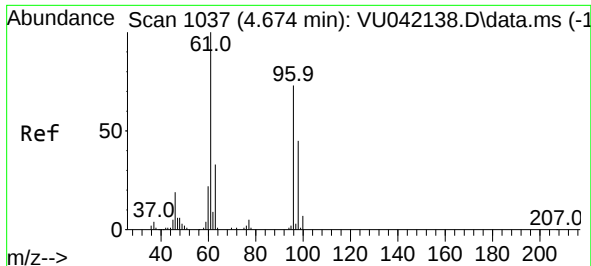
Tgt Ion: 43 Resp: 4533
Ion Ratio Lower Upper
43 100
58 24.1 0.0 55.8



#17
Methyl tert-butyl Ether
Concen: 1.40 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042142.D
Acq: 21 Jan 2021 11:47

Tgt Ion: 73 Resp: 31067
Ion Ratio Lower Upper
73 100
43 26.5 18.9 28.3
57 23.0 18.2 27.4





#22

cis-1,2-Dichloroethene

Concen: 1.03 ug/L

RT: 4.678 min Scan# 1038

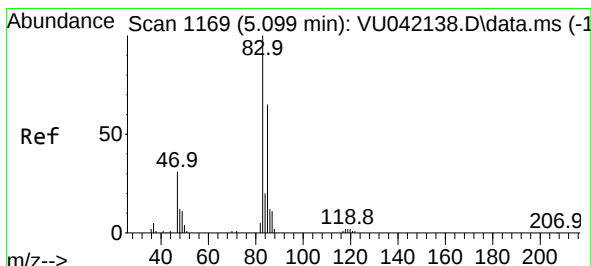
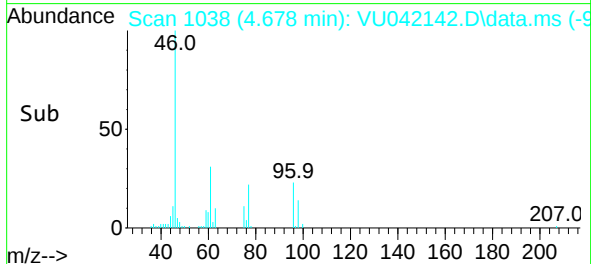
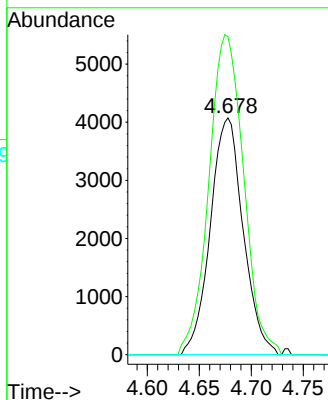
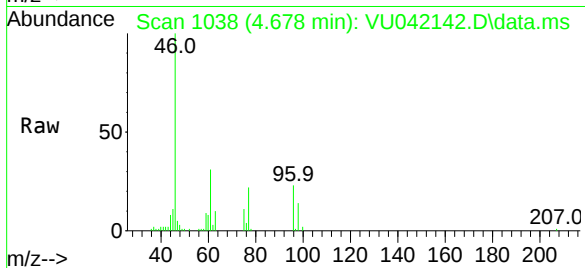
Delta R.T. 0.003 min

Lab File: VU042142.D

Acq: 21 Jan 2021 11:47

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MSVOA_U
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Tgt Ion:	96	Resp:	8959
Ion	Ratio	Lower	Upper
96	100		
61	134.3	97.8	181.6
68	0.0	0.0	0.0



#25

Chloroform

Concen: 0.12 ug/L

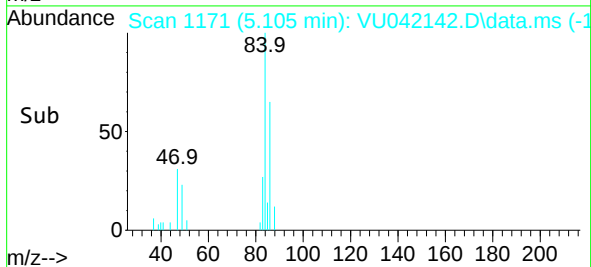
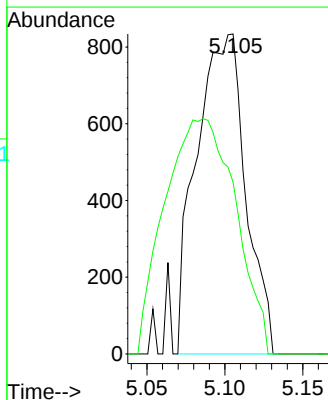
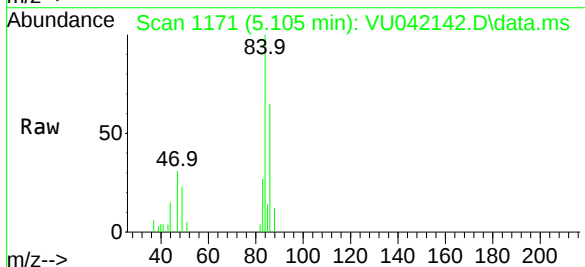
RT: 5.105 min Scan# 1171

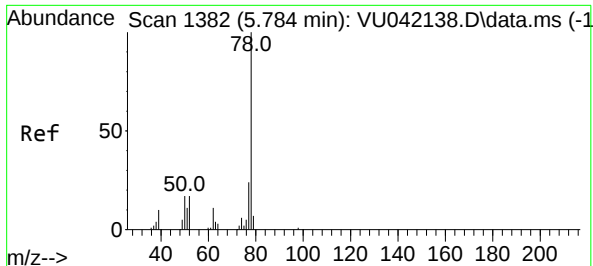
Delta R.T. 0.006 min

Lab File: VU042142.D

Acq: 21 Jan 2021 11:47

Tgt Ion:	83	Resp:	1831
Ion	Ratio	Lower	Upper
83	100		
85	53.7	45.7	84.9





#33

Benzene

Concen: 0.04 ug/L

RT: 5.787 min Scan# 1383

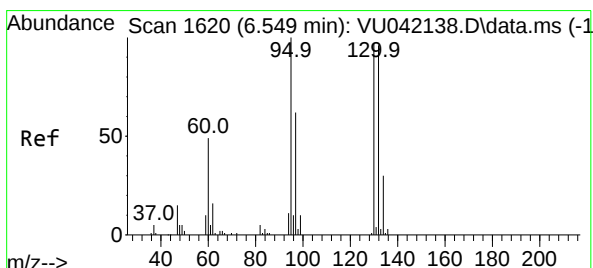
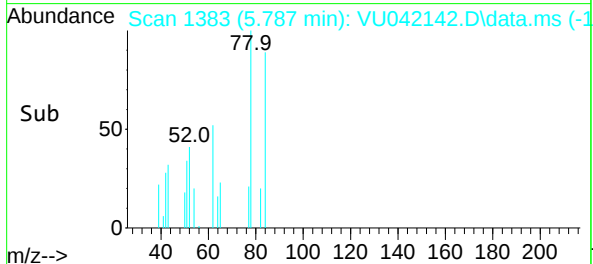
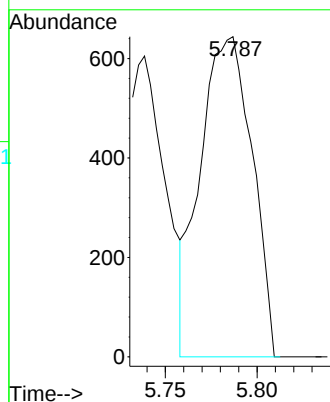
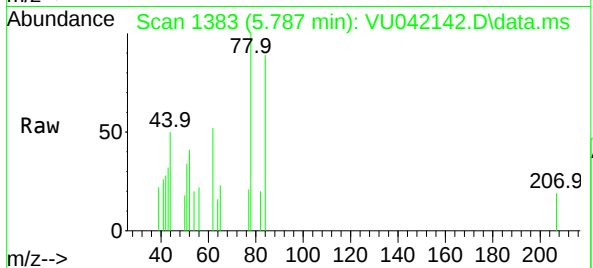
Delta R.T. 0.003 min

Lab File: VU042142.D

Acq: 21 Jan 2021 11:47

Tgt Ion: 78 Resp: 1268

Instrument :
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#34

Trichloroethene

Concen: 70.57 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU042142.D

Acq: 21 Jan 2021 11:47

Tgt Ion: 95 Resp: 585173

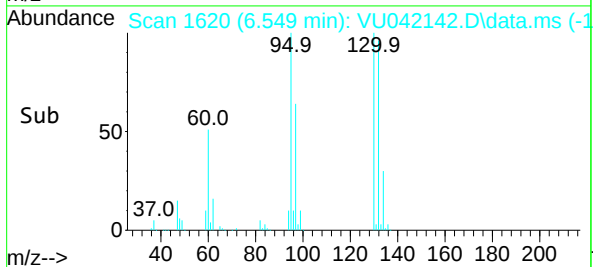
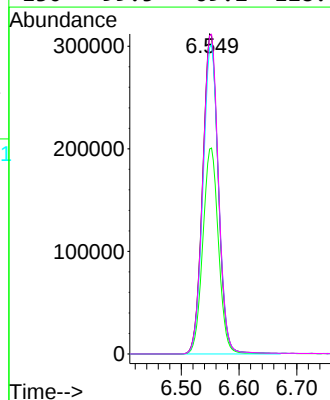
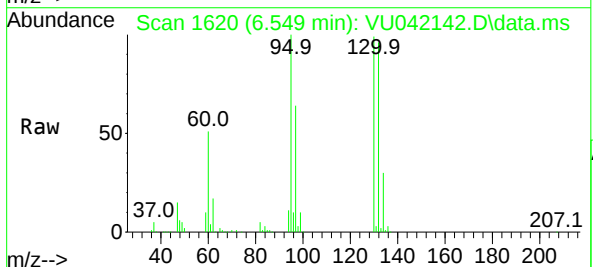
Ion Ratio Lower Upper

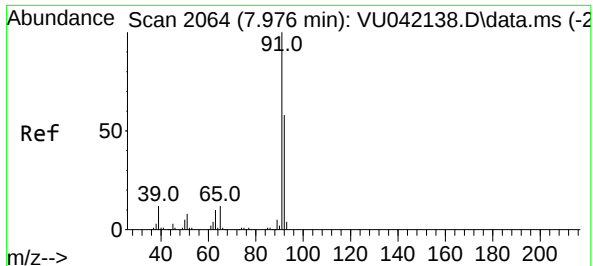
95 100

97 64.1 44.4 82.4

132 95.8 68.0 126.4

130 99.5 69.2 128.4

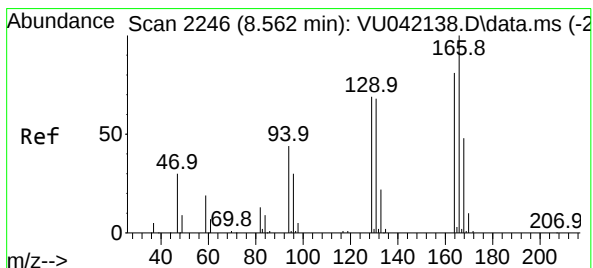
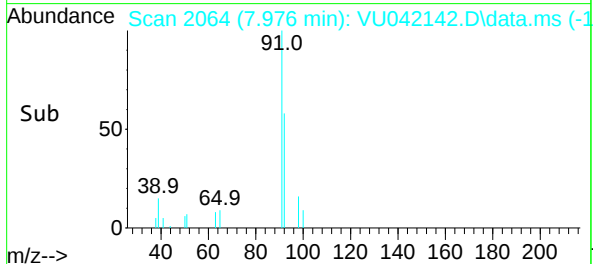
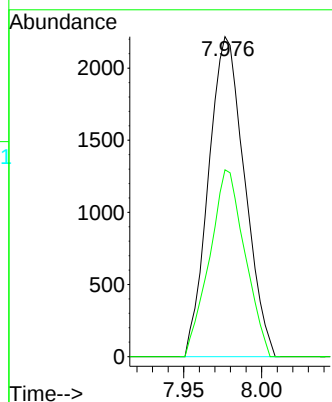
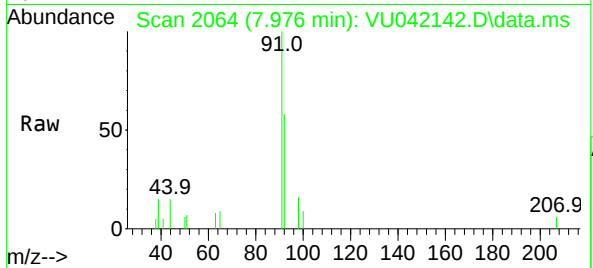




#42
Toluene
Concen: 0.11 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042142.D
Acq: 21 Jan 2021 11:47

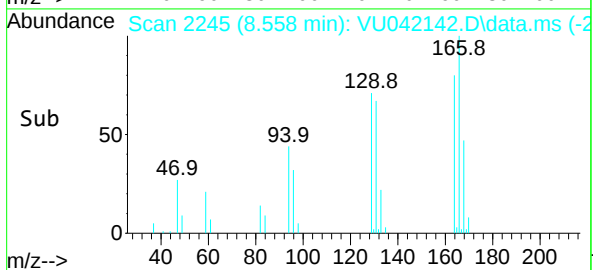
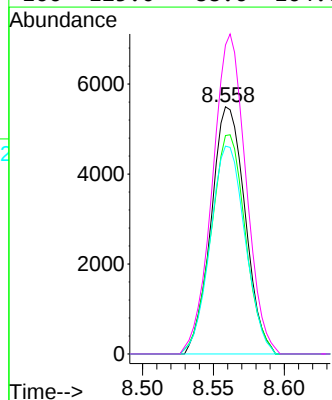
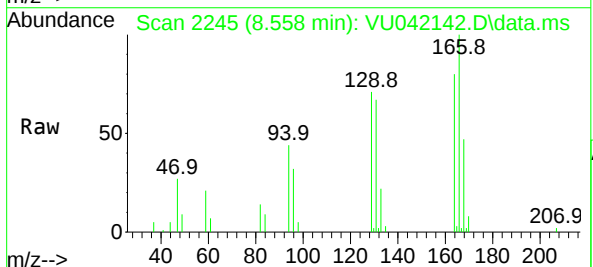
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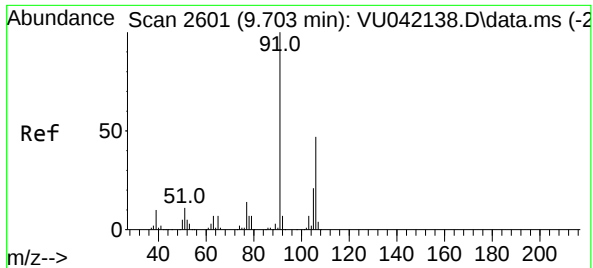
Tgt Ion: 91 Resp: 3569
Ion Ratio Lower Upper
91 100
92 58.4 41.2 76.6



#47
Tetrachloroethene
Concen: 1.33 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042142.D
Acq: 21 Jan 2021 11:47

Tgt Ion: 164 Resp: 9160
Ion Ratio Lower Upper
164 100
129 88.3 64.3 119.5
131 84.1 62.2 115.6
166 125.0 88.6 164.6





#53
 m,p-Xylene
 Concen: 0.12 ug/L
 RT: 9.700 min Scan# 2600
 Delta R.T. -0.003 min
 Lab File: VU042142.D
 Acq: 21 Jan 2021 11:47

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP9

Tgt Ion:106 Resp: 1710
 Ion Ratio Lower Upper
 106 100
 91 195.1 145.1 269.5

