

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041992.D
 Acq On : 13 Jan 2021 19:53
 Operator : SY/MD
 Sample : M1027-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXLO

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 12:14:13 PM

Quant Time: Jan 15 01:54:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 14 17:00:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	112648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98475	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	40804	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40776	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.919	69	41561	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.575	63	64673	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.658	46	167466	58.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.42%
24) Chloroform-d	5.079	84	90144	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.716	65	52339	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.742	84	171357	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.700	67	57704	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.906	98	125555	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloroprop...	8.182	79	20419	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.642	63	113353	52.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.38%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	43930	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
64) 1,2-Dichlorobenzene-d4	12.188	152	44822	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%
Target Compounds						Qvalue
13) Acetone	2.671	43	4544m	2.55	ug/L	
16) Methylene chloride	3.057	84	1344	0.13	ug/L	93
17) Methyl tert-butyl Ether	3.378	73	3796	0.16	ug/L #	86
22) cis-1,2-Dichloroethene	4.681	96	1721	0.18	ug/L	81
29) 1,1,1-Trichloroethane	5.340	97	1289	0.09	ug/L #	74
34) Trichloroethene	6.552	95	48978	5.38	ug/L	96
47) Tetrachloroethene	8.555	164	16043	2.72	ug/L	97

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

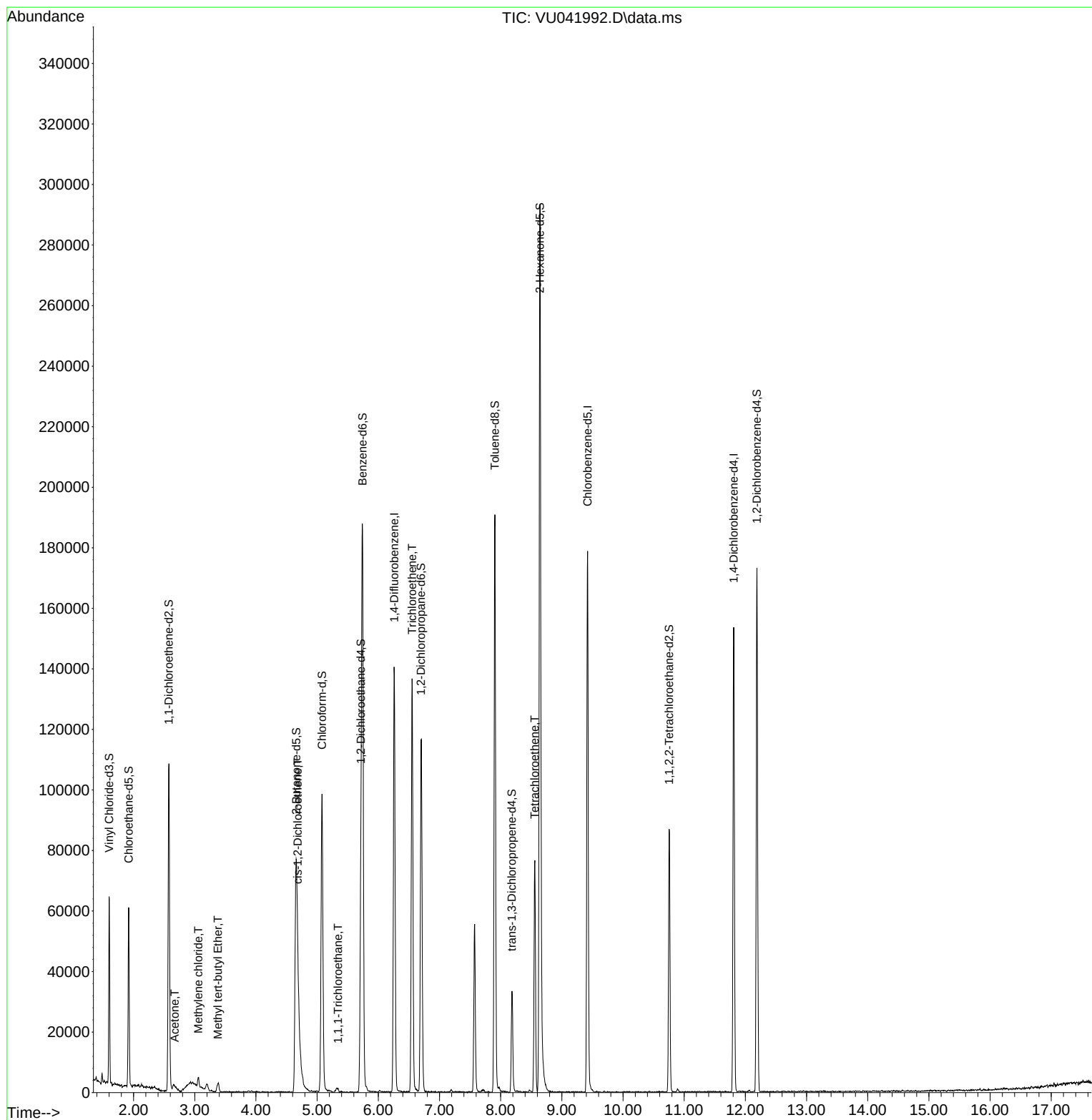
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU041992.D
Acq On : 13 Jan 2021 19:53
Operator : SY/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

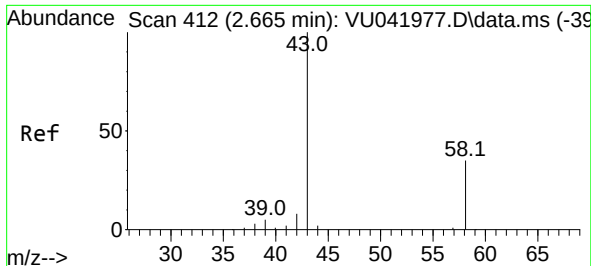
Instrument :
MSVOA_U
ClientSampleId :
BFXL0

Manual Integrations
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Quant Time: Jan 15 01:54:12 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 14 17:00:00 2021
Response via : Initial Calibration





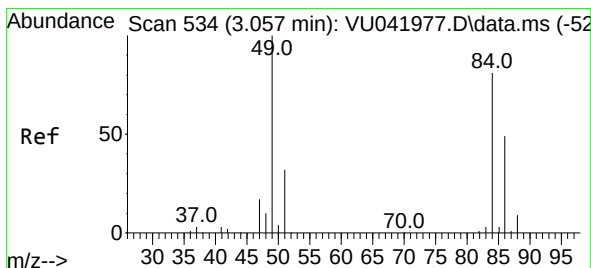
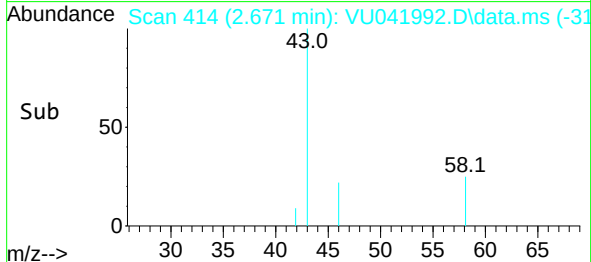
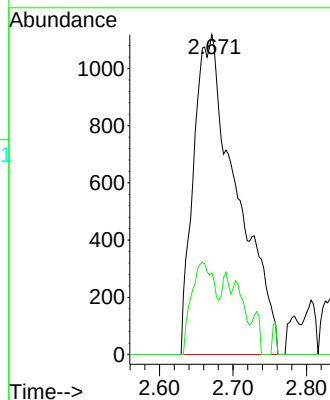
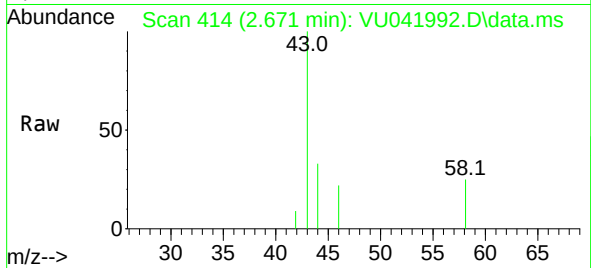
#13
Acetone
Concen: 2.55 ug/L m
RT: 2.671 min Scan# 414
Delta R.T. 0.006 min
Lab File: VU041992.D
Acq: 13 Jan 2021 19:53

Tgt Ion: 43 Resp: 4544
Ion Ratio Lower Upper
43 100
58 15.7 0.0 57.4

Instrument :
MSVOA_U
ClientSampled :
BFXL0

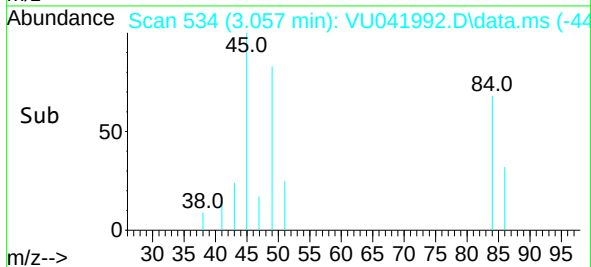
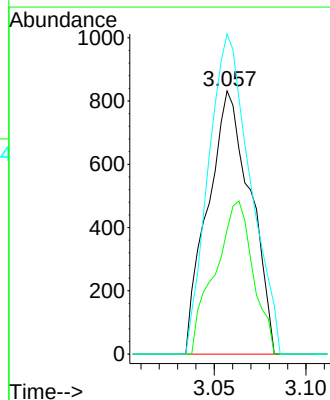
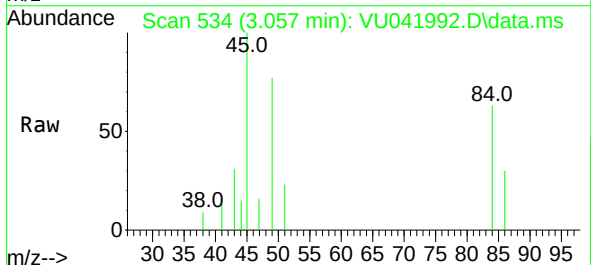
Manual Integrations
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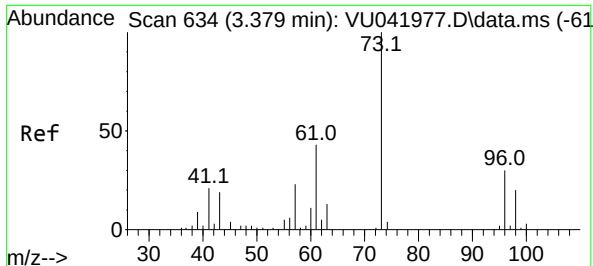
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#16
Methylene chloride
Concen: 0.13 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU041992.D
Acq: 13 Jan 2021 19:53

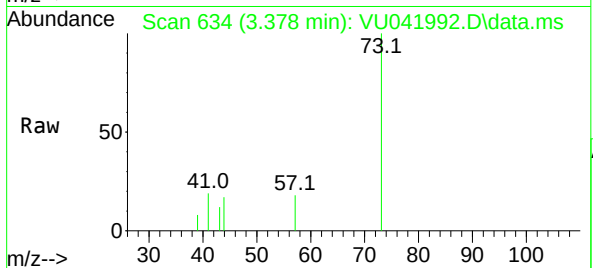
Tgt Ion: 84 Resp: 1344
Ion Ratio Lower Upper
84 100
86 47.2 42.6 79.0
49 121.6 86.2 160.0



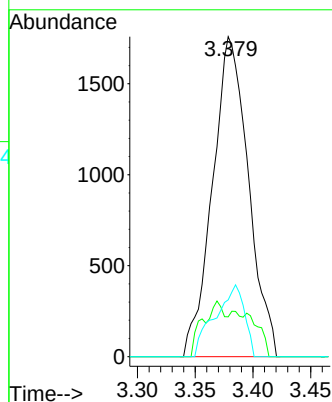


#17

Methyl tert-butyl Ether
Concen: 0.16 ug/L
RT: 3.378 min Scan# 634
Delta R.T. -0.000 min
Lab File: VU041992.D
Acq: 13 Jan 2021 19:53



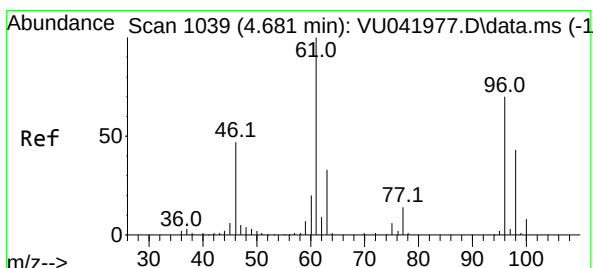
Tgt Ion: 73	Resp:	3796
Ion Ratio	Lower	Upper
73	100	
43	10.2	15.1 22.7#
57	18.3	18.0 27.0



Instrument :
MSVOA_U
ClientSampled :
BFXL0

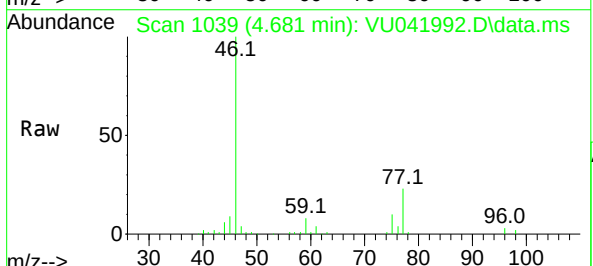
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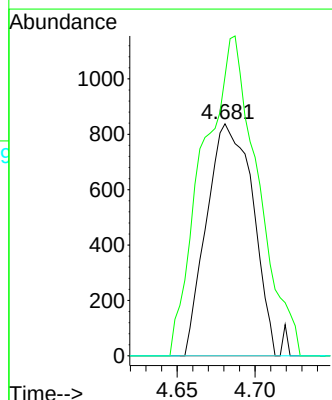
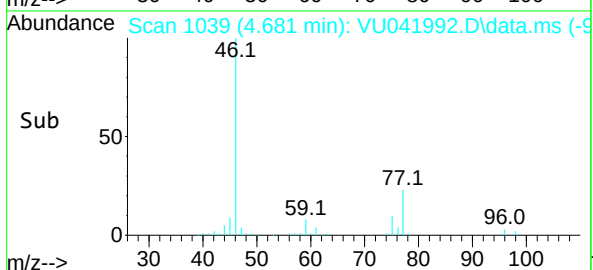


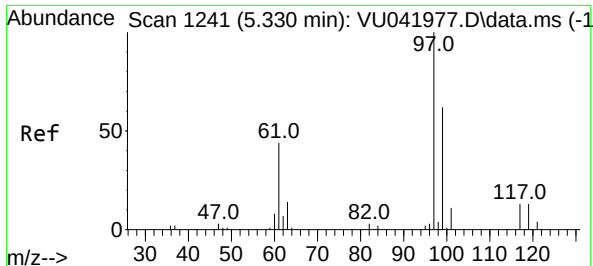
#22

cis-1,2-Dichloroethene
Concen: 0.18 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VU041992.D
Acq: 13 Jan 2021 19:53



Tgt Ion: 96	Resp:	1721
Ion Ratio	Lower	Upper
96	100	
61	120.4	100.3 186.3
68	0.0	0.0 0.0





#29

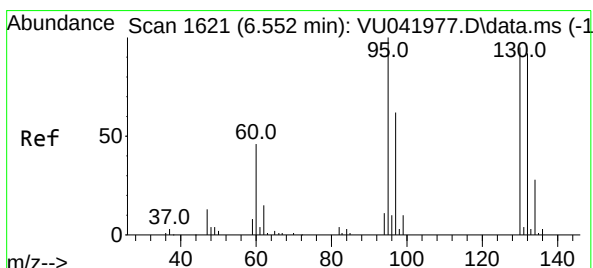
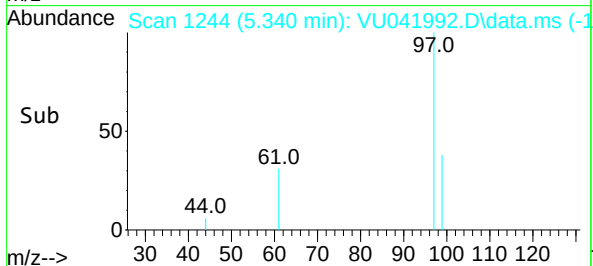
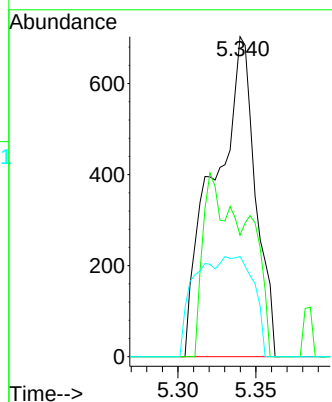
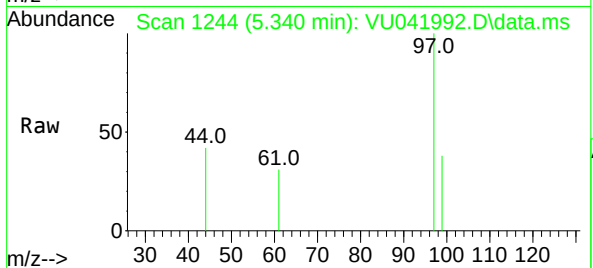
1,1,1-Trichloroethane
Concen: 0.09 ug/L
RT: 5.340 min Scan# 1244
Delta R.T. 0.009 min
Lab File: VU041992.D
Acq: 13 Jan 2021 19:53

Tgt Ion: 97 Resp: 1289
Ion Ratio Lower Upper
97 100
99 28.3 50.2 75.4#
61 44.4 35.8 53.6

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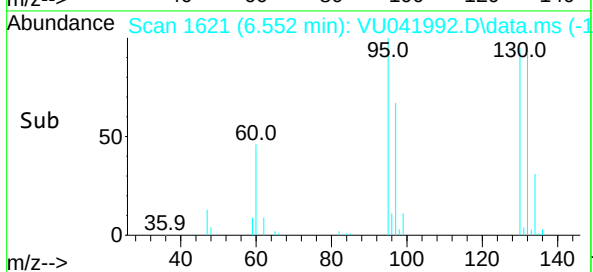
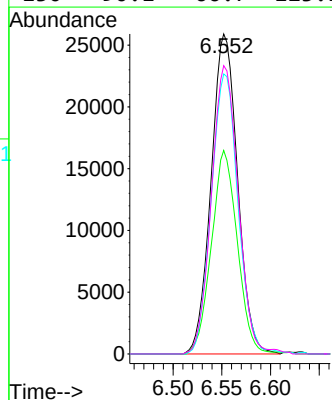
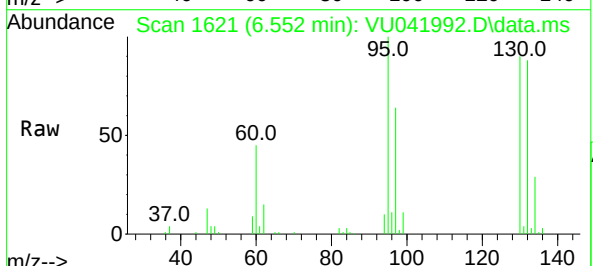
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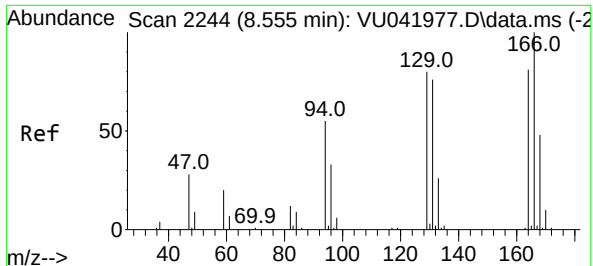


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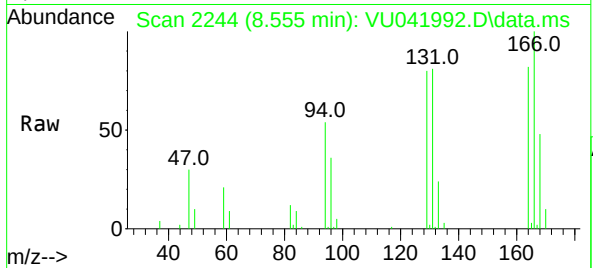
Trichloroethene
Concen: 5.38 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU041992.D
Acq: 13 Jan 2021 19:53

Tgt Ion: 95 Resp: 48978
Ion Ratio Lower Upper
95 100
97 63.6 43.6 81.0
132 87.5 64.3 119.3
130 90.1 66.7 123.9

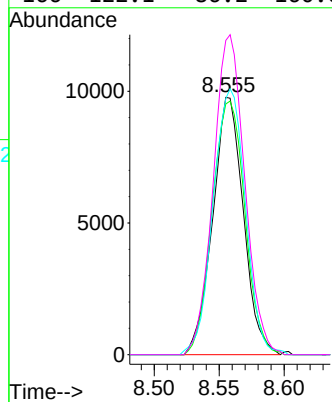
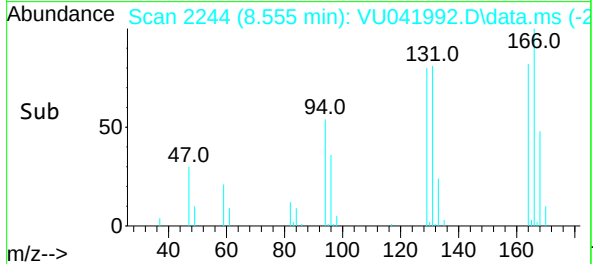




#47
Tetrachloroethene
Concen: 2.72 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU041992.D
Acq: 13 Jan 2021 19:53



Tgt Ion:	164	Resp:	16043
Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.7	127.5
131	99.5	65.2	121.0
166	122.1	86.2	160.0



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