

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042152.D
 Acq On : 21 Jan 2021 15:46
 Operator : SY/MD
 Sample : M1170-12DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT93DL

Manual Integrations
 APPROVED

MMDadoda
 1/25/2021 9:07:49 AM

Quant Time: Jan 22 02:49:48 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	107590	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	100664	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52421	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31590	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.919	69	26431	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.571	63	54436	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.642	46	136030	53.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.42%
24) Chloroform-d	5.073	84	70313	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.710	65	42846	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.735	84	132193	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.700	67	42453	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	119357	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloroprop...	8.185	79	20090	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.642	63	97836	52.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.56%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36780	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	48043	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1818	0.20	ug/L	100
13) Acetone	2.655	43	10141m	6.01	ug/L	
21) 2-Butanone	4.722	43	3529m	1.25	ug/L	
33) Benzene	5.780	78	1038	0.04	ug/L	100
34) Trichloroethene	6.549	95	49517	6.20	ug/L	97
42) Toluene	7.980	91	4677	0.15	ug/L	93
47) Tetrachloroethene	8.558	164	736	0.11	ug/L	87

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

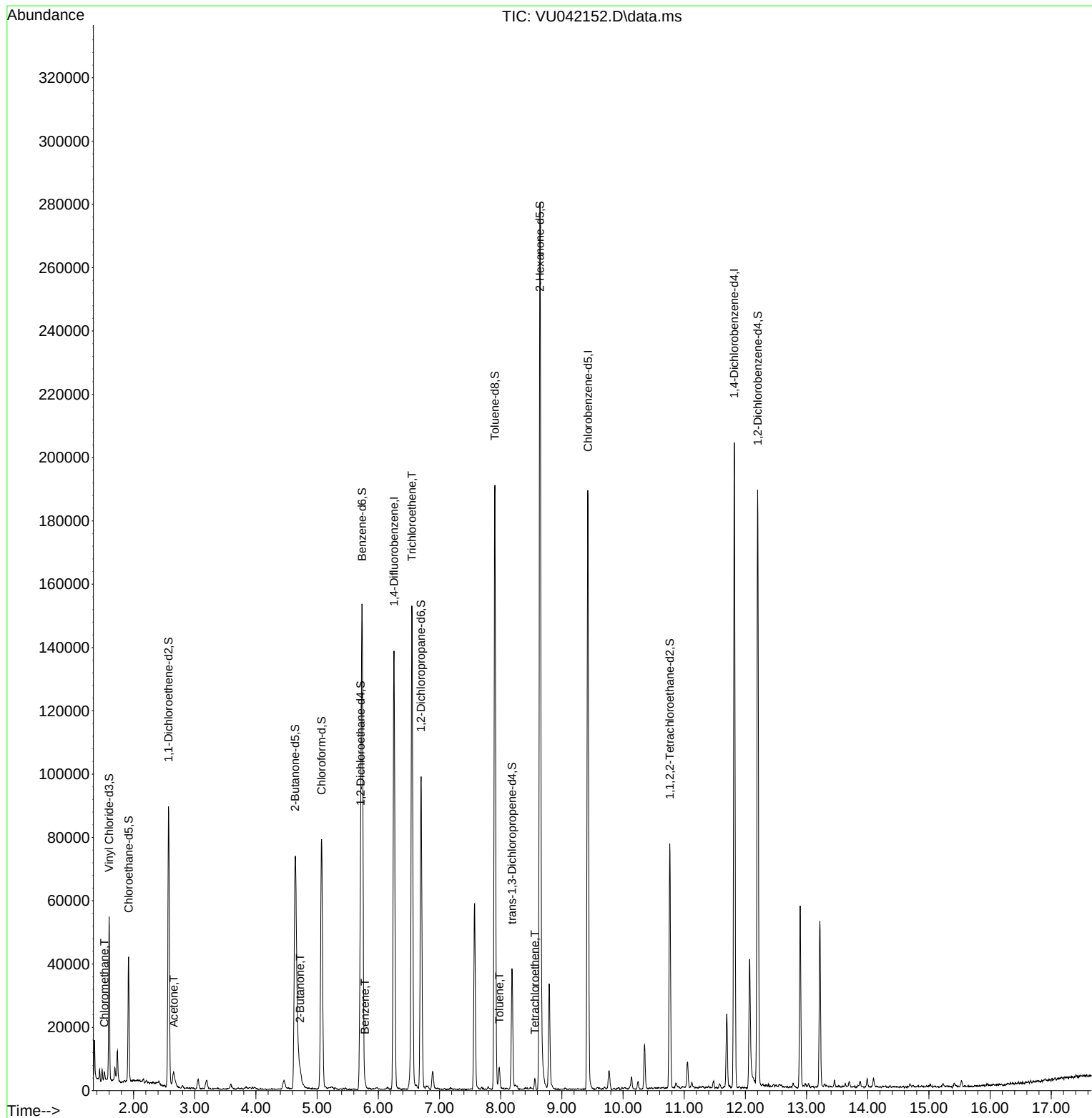
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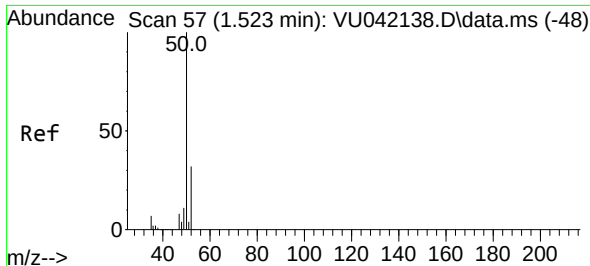
Instrument :
MSVOA_U
ClientSampleId :
BFT93DL

Manual Integrations
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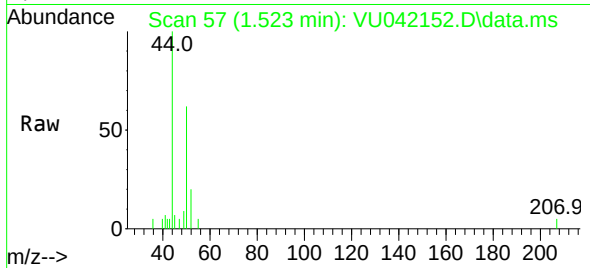
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Response via : Initial Calibration

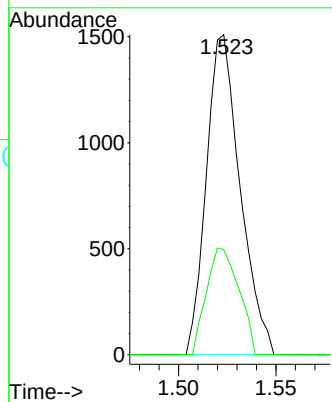




#3
Chloromethane
Concen: 0.20 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46



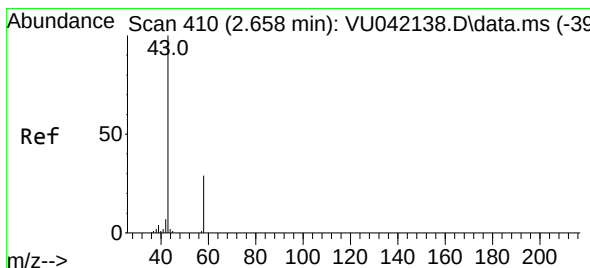
Tgt Ion: 50 Resp: 1818
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8



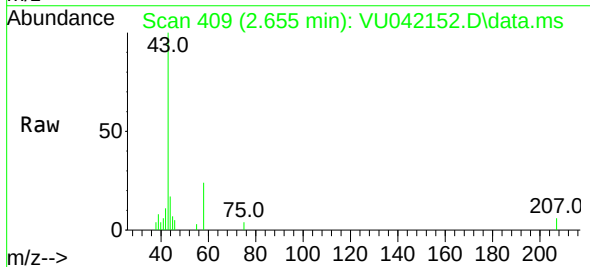
Instrument :
MSVOA_U
ClientSampleId :
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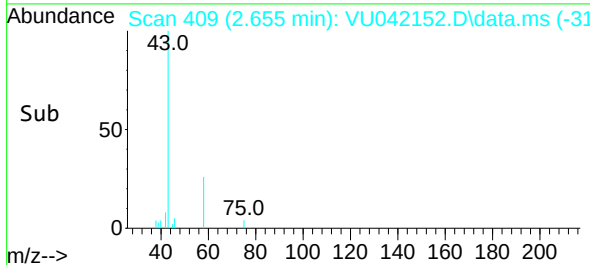
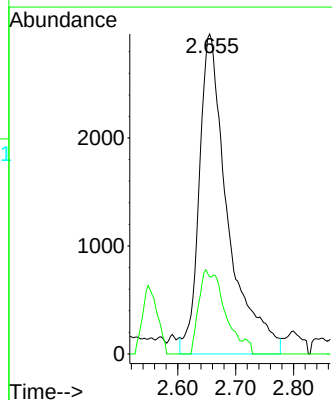
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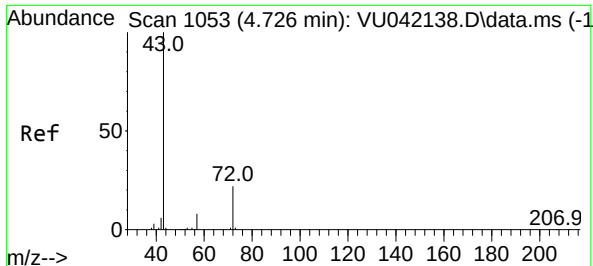


#13
Acetone
Concen: 6.01 ug/L m
RT: 2.655 min Scan# 409
Delta R.T. -0.003 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46



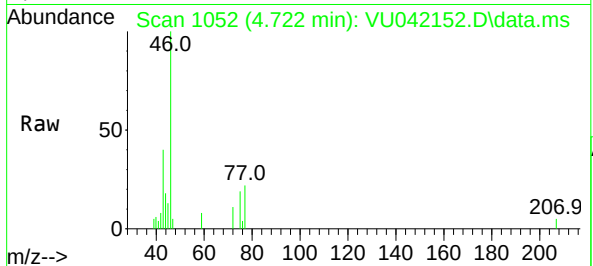
Tgt Ion: 43 Resp: 10141
Ion Ratio Lower Upper
43 100
58 11.5 0.0 55.8





#21
2-Butanone
Concen: 1.25 ug/L m
RT: 4.722 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

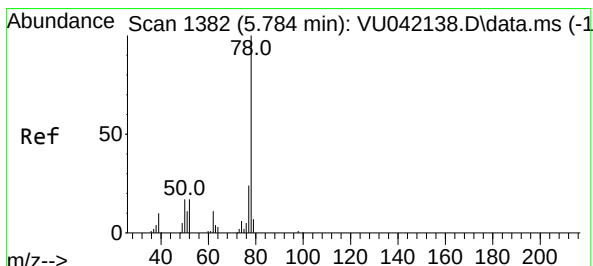
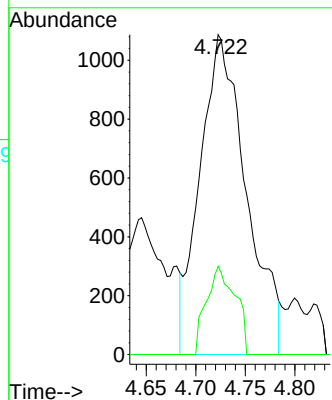
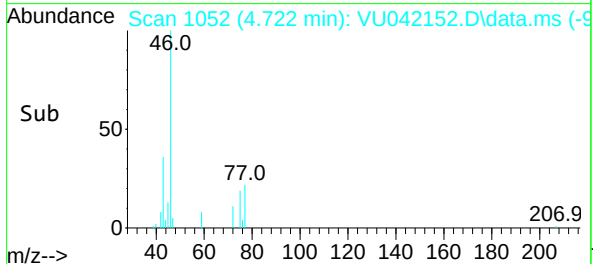
Instrument :
MSVOA_U
ClientSampled :
BFT93DL



Tgt Ion: 43 Resp: 3529
Ion Ratio Lower Upper
43 100
72 17.2 11.7 35.1

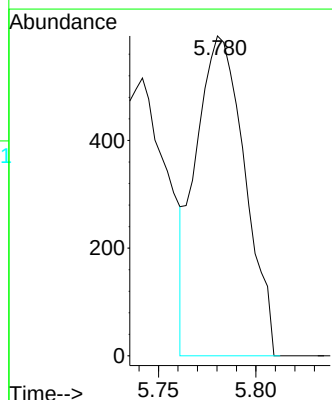
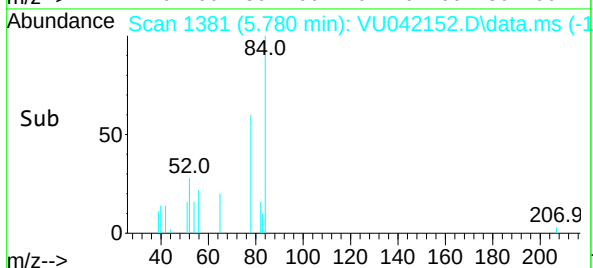
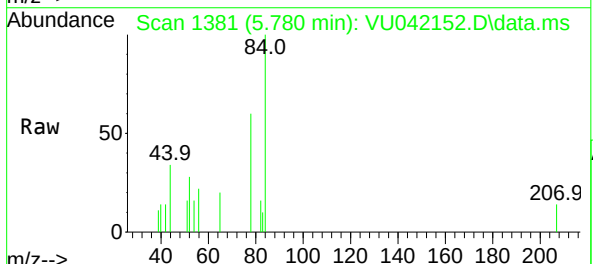
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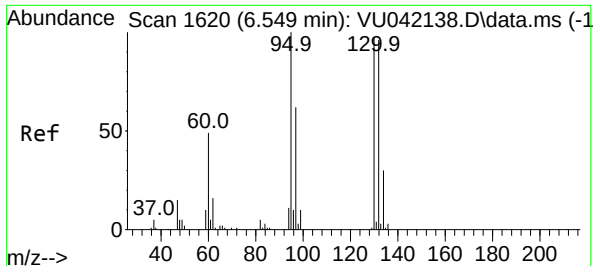
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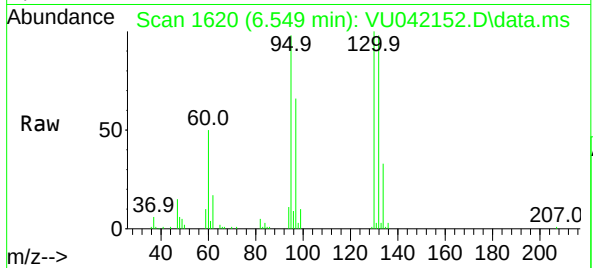
#33
Benzene
Concen: 0.04 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Tgt Ion: 78 Resp: 1038

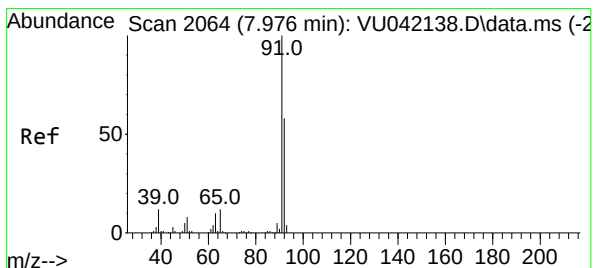
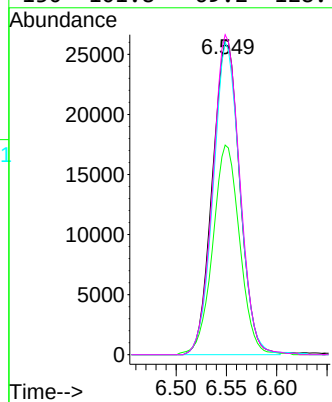
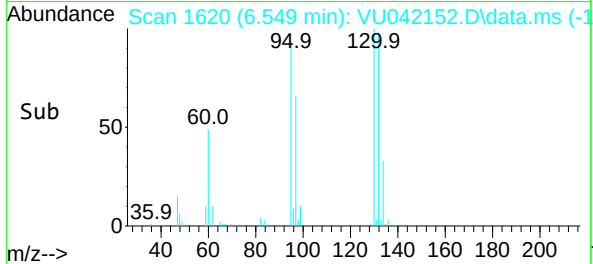




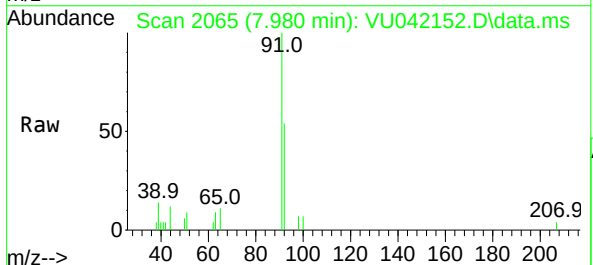
#34
Trichloroethene
Concen: 6.20 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46



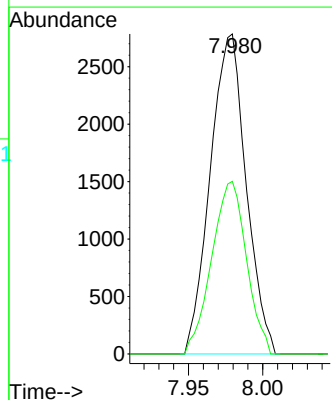
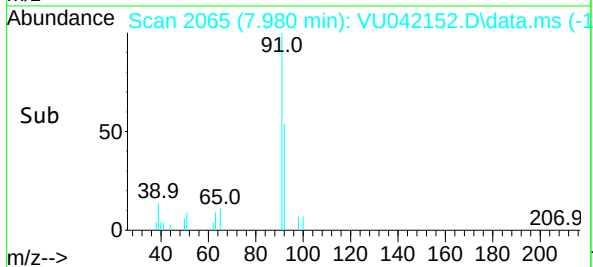
Tgt Ion: 95 Resp: 49517
Ion Ratio Lower Upper
95 100
97 66.7 44.4 82.4
132 99.4 68.0 126.4
130 101.8 69.2 128.4



#42
Toluene
Concen: 0.15 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46



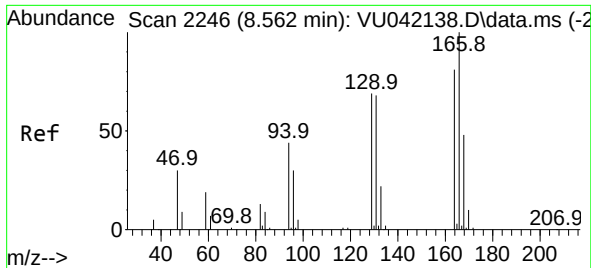
Tgt Ion: 91 Resp: 4677
Ion Ratio Lower Upper
91 100
92 53.9 41.2 76.6



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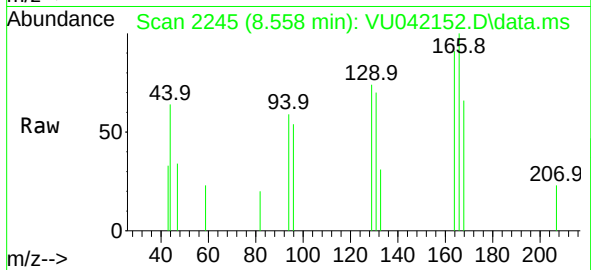
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#47
Tetrachloroethene
Concen: 0.11 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042152.D
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Instrument :
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ClientSampleId :
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Tgt Ion:164	Resp:	736
Ion	Ratio	Lower Upper
164	100	
129	82.0	64.3 119.5
131	77.0	62.2 115.6
166	110.4	88.6 164.6

Manual Integrations
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