

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042170.D
 Acq On : 22 Jan 2021 15:21
 Operator : SY/MD
 Sample : M1222-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E12

Quant Time: Jan 23 06:21:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

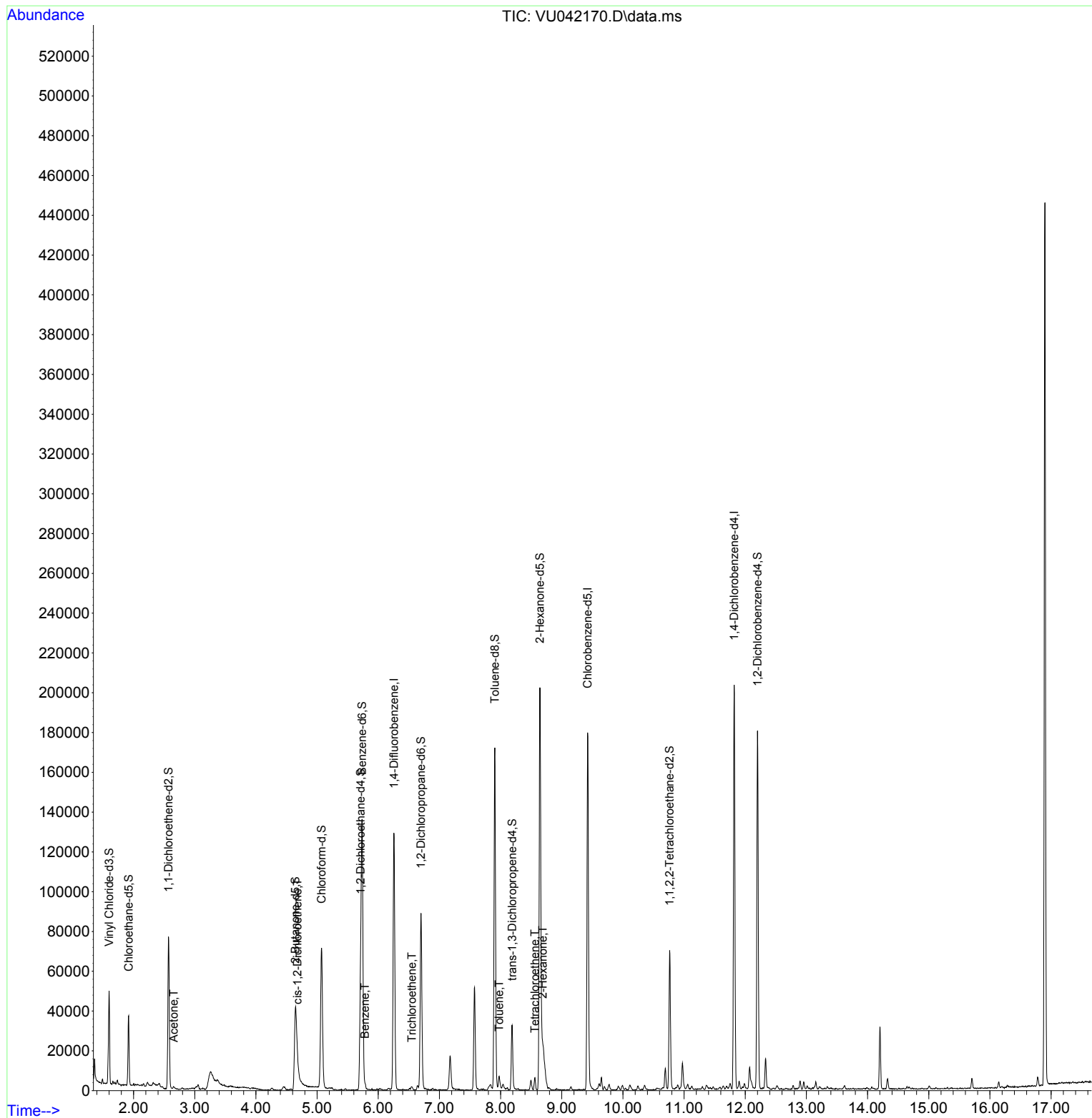
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	100021	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	94680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	51353	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	26765	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.919	69	23249	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.571	63	47641	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.645	46	86106	36.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.14%
24) Chloroform-d	5.073	84	62736	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.713	65	37575	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.735	84	116615	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.700	67	38029	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	106227	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloroprop...	8.189	79	18060	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.642	63	82449	46.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.70%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32669	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	44493	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%
Target Compounds						Qvalue
13) Acetone	2.655	43	2392	1.53	ug/L	60
22) cis-1,2-Dichloroethene	4.677	96	2599	0.34	ug/L	94
33) Benzene	5.784	78	1444	0.05	ug/L	100
34) Trichloroethene	6.549	95	612	0.08	ug/L	92
42) Toluene	7.976	91	4130	0.14	ug/L	98
47) Tetrachloroethene	8.562	164	1252	0.20	ug/L	92
48) 2-Hexanone	8.690	43	6161	1.41	ug/L #	93

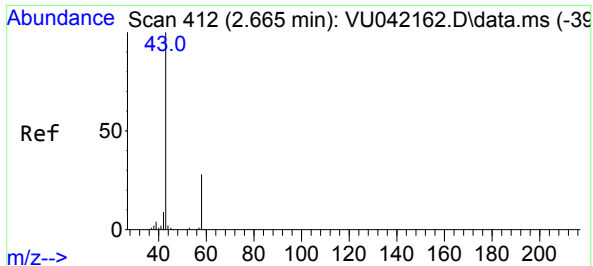
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
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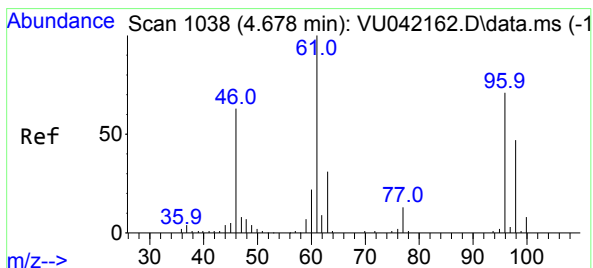
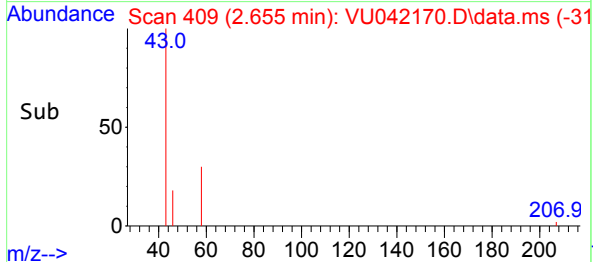
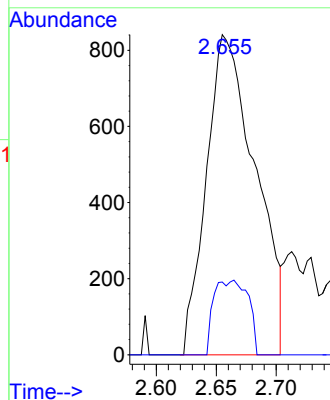
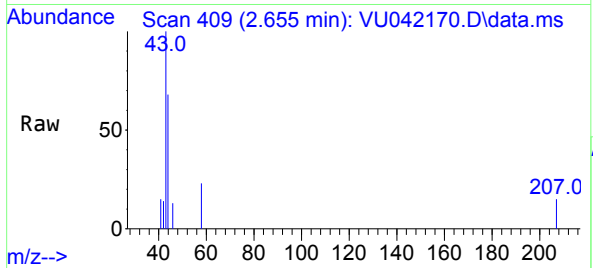




#13
Acetone
Concen: 1.53 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU042170.D
Acq: 22 Jan 2021 15:21

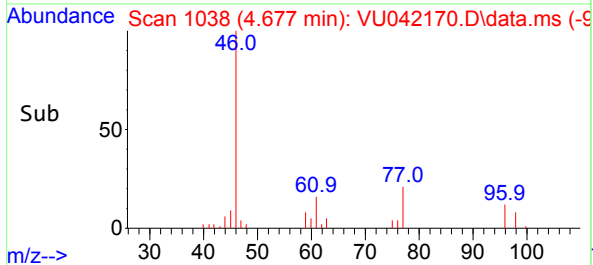
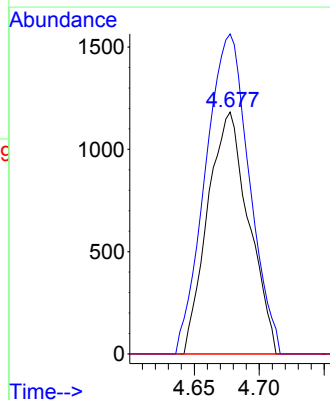
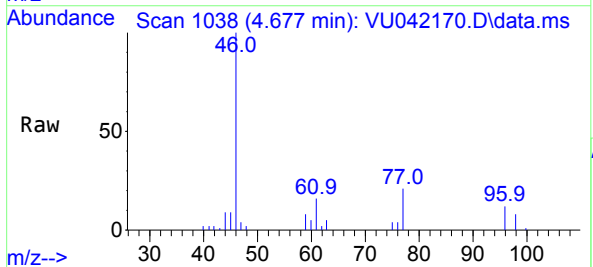
Instrument :
MSVOA_U
ClientSampleId :
F1E12

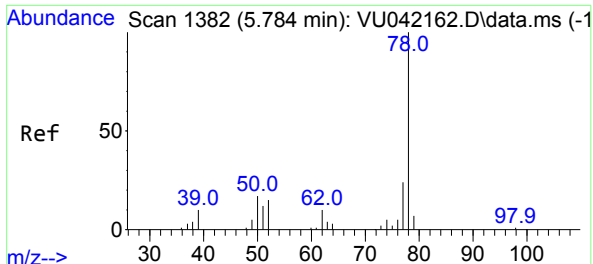
Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
58 6.8 0.0 55.8



#22
cis-1,2-Dichloroethene
Concen: 0.34 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042170.D
Acq: 22 Jan 2021 15:21

Tgt Ion: 96 Resp: 2599
Ion Ratio Lower Upper
96 100
61 132.3 97.8 181.6
68 0.0 0.0 0.0

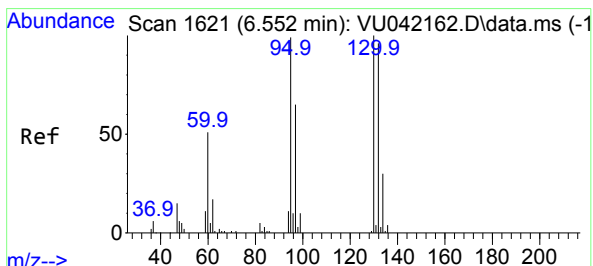
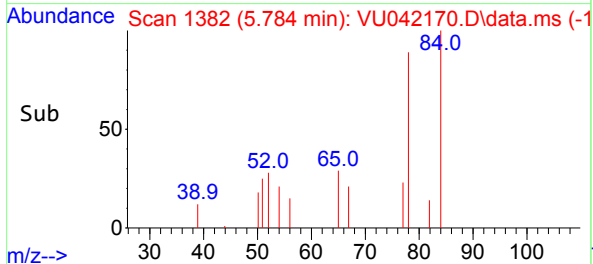
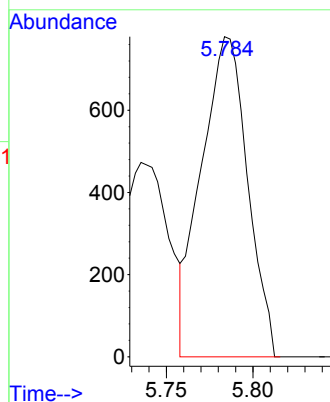
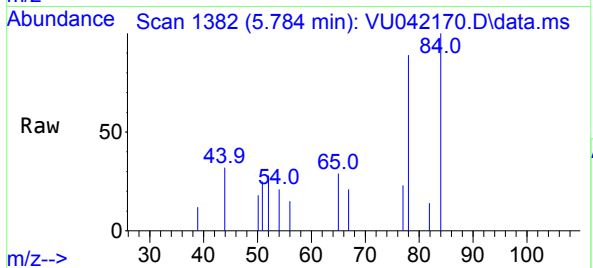




#33
Benzene
Concen: 0.05 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042170.D
Acq: 22 Jan 2021 15:21

Instrument :
MSVOA_U
ClientSampled :
F1E12

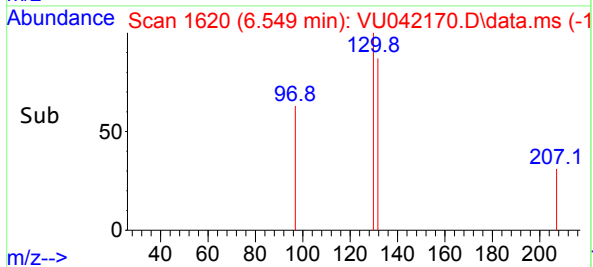
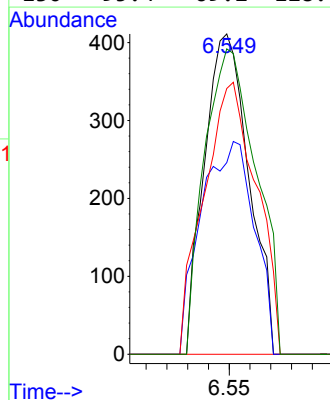
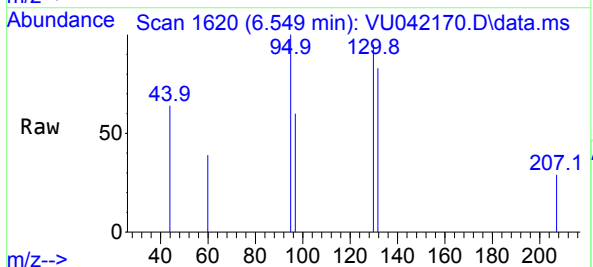
Tgt Ion: 78 Resp: 1444

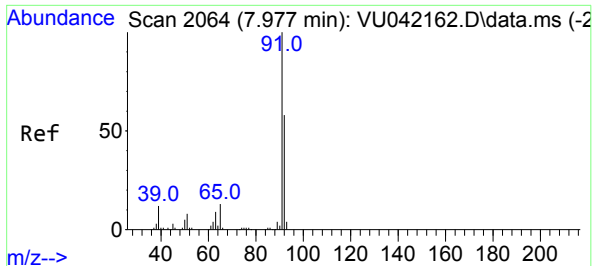


#34
Trichloroethene
Concen: 0.08 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042170.D
Acq: 22 Jan 2021 15:21

Tgt Ion: 95 Resp: 612

Ion	Ratio	Lower	Upper
95	100		
97	59.9	44.4	82.4
132	83.0	68.0	126.4
130	95.4	69.2	128.4

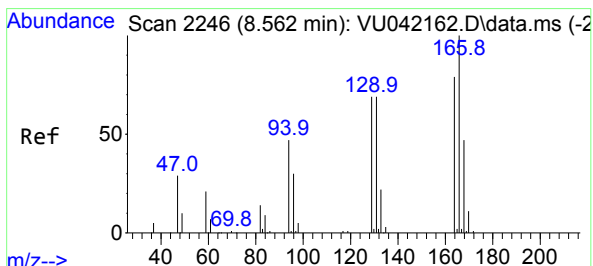
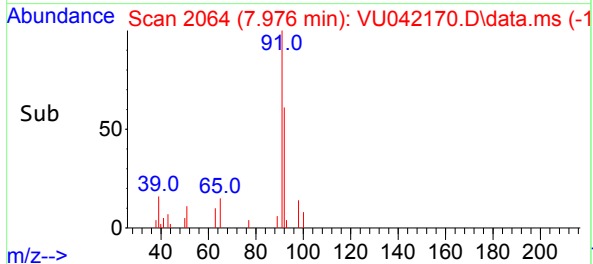
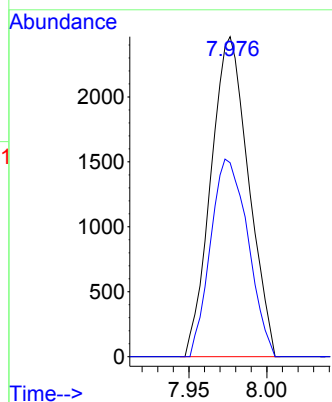
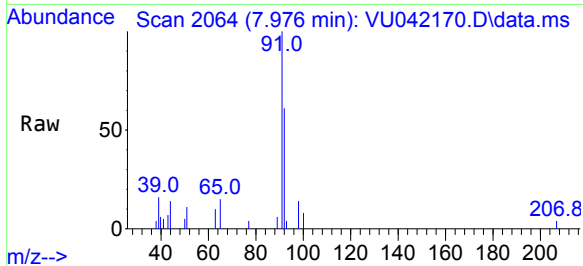




#42
Toluene
Concen: 0.14 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042170.D
Acq: 22 Jan 2021 15:21

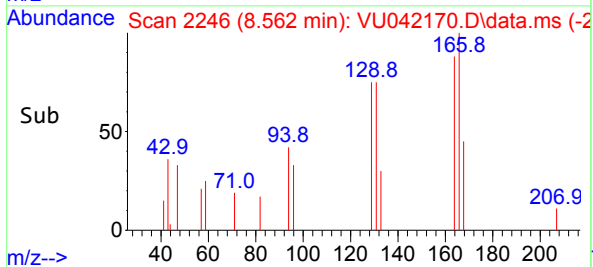
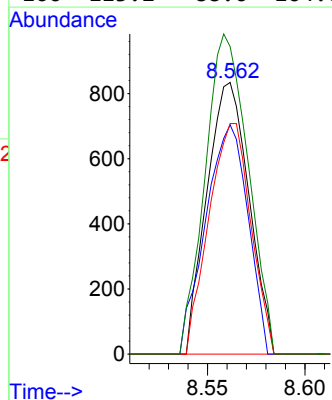
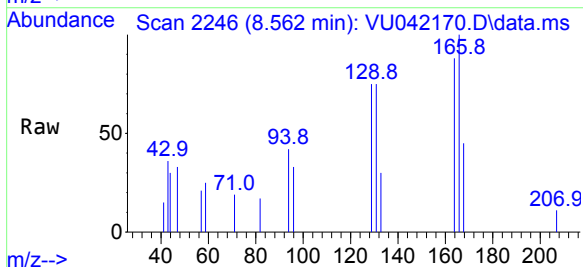
Instrument :
MSVOA_U
ClientSampled :
F1E12

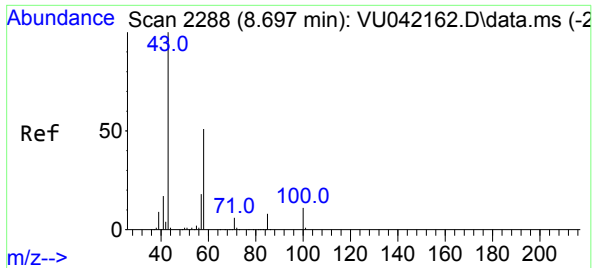
Tgt Ion: 91 Resp: 4130
Ion Ratio Lower Upper
91 100
92 60.6 41.2 76.6



#47
Tetrachloroethene
Concen: 0.20 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042170.D
Acq: 22 Jan 2021 15:21

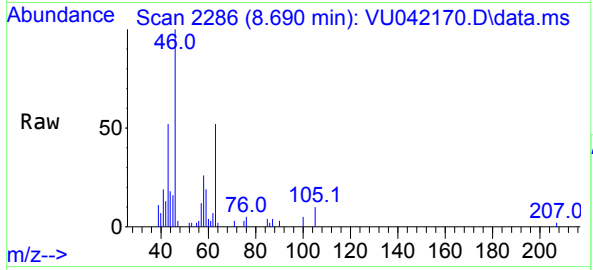
Tgt Ion: 164 Resp: 1252
Ion Ratio Lower Upper
164 100
129 84.4 64.3 119.5
131 84.9 62.2 115.6
166 113.2 88.6 164.6





#48
2-Hexanone
Concen: 1.41 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.007 min
Lab File: VU042170.D
Acq: 22 Jan 2021 15:21

Instrument :
MSVOA_U
ClientSampleId :
F1E12



Tgt Ion: 43 Resp: 6161

Ion	Ratio	Lower	Upper
43	100		
58	55.5	40.6	61.0
57	16.8	14.9	22.3
100	7.1	8.6	12.8#

