

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042126.D
 Acq On : 20 Jan 2021 23:57
 Operator : SY/MD
 Sample : M1180-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E24

Manual Integrations
 APPROVED

SAM
 1/22/2021 2:20:29 PM

Quant Time: Jan 21 06:03:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	111618	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	106263	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	55658	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33265	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.916	69	27920	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.572	63	56757	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.649	46	143129	54.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.96%
24) Chloroform-d	5.073	84	71289	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.710	65	45178	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.735	84	135592	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.700	67	44633	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.906	98	123553	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloroprop...	8.189	79	21725	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.645	63	106778	54.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.12%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	39765	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	49489	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1691	0.18	ug/L	93
5) Vinyl chloride	1.607	62	1528	0.17	ug/L #	48
13) Acetone	2.665	43	4816m	2.75	ug/L	
18) trans-1,2-Dichloroethene	3.359	96	1812	0.23	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	355499	41.42	ug/L	99
34) Trichloroethene	6.549	95	42854	5.08	ug/L	99
42) Toluene	7.977	91	1296	0.04	ug/L	85
47) Tetrachloroethene	8.562	164	24066	3.43	ug/L	100

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

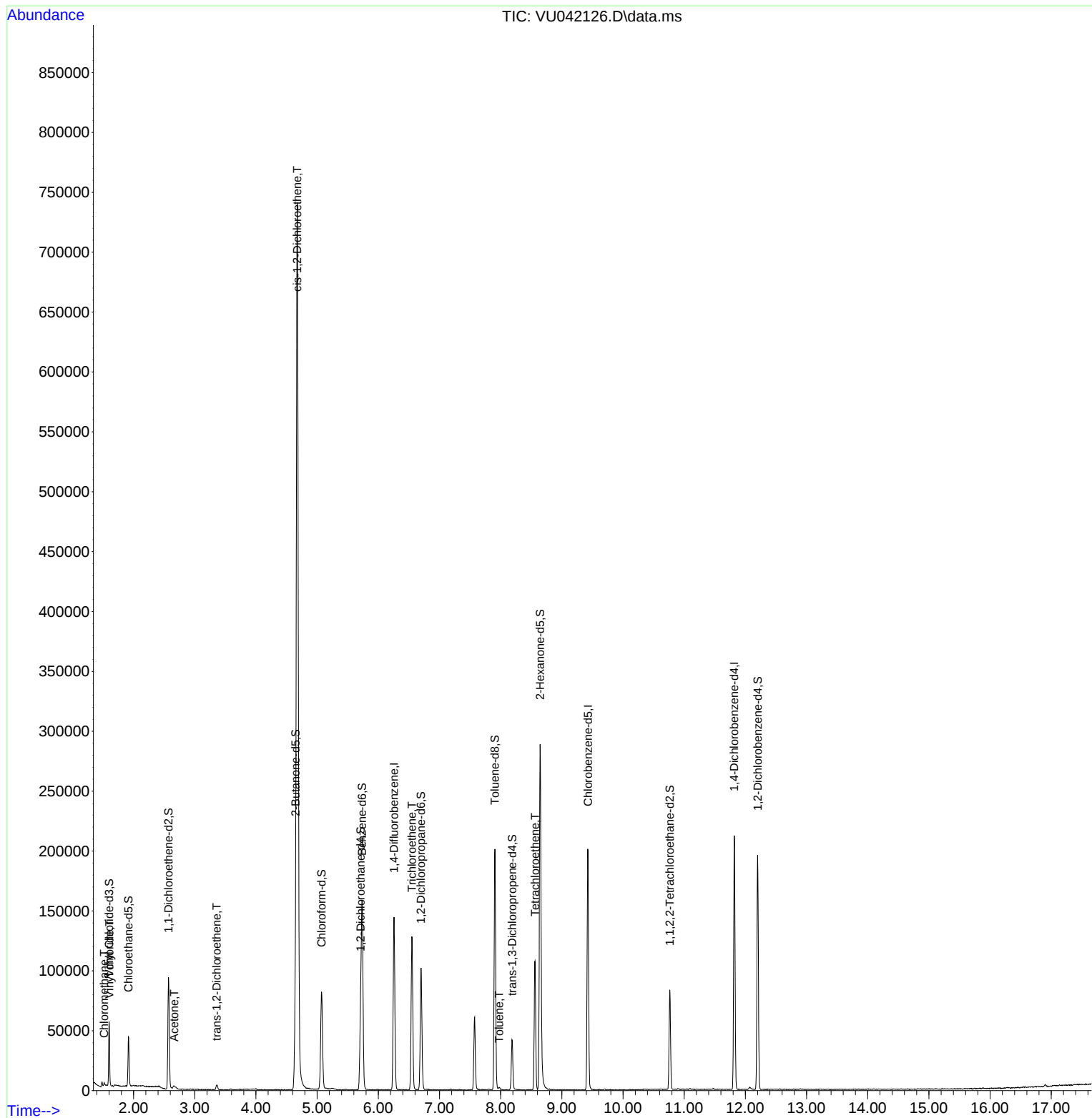
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
Data File : VU042126.D
Acq On : 20 Jan 2021 23:57
Operator : SY/MD
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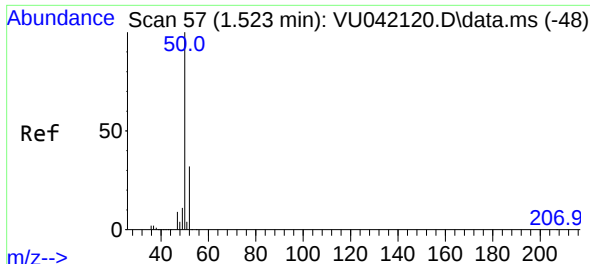
Instrument :
MSVOA_U
ClientSampleId :
F1E24

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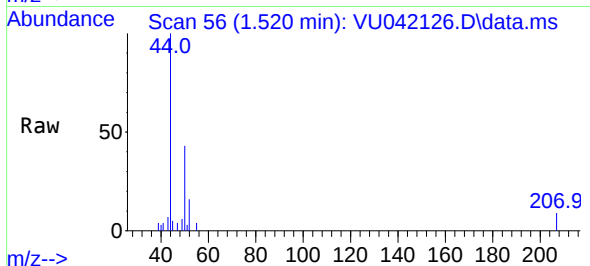
Quant Time: Jan 21 06:03:48 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 06:00:33 2021
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.18 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042126.D
Acq: 20 Jan 2021 23:57

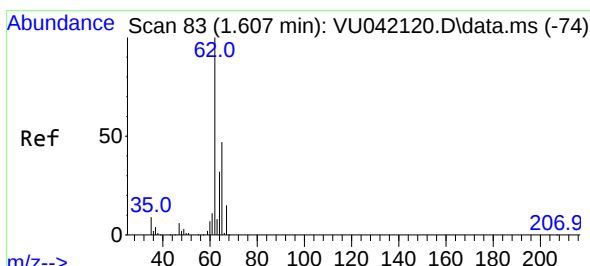
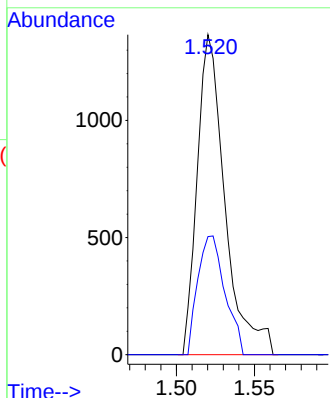
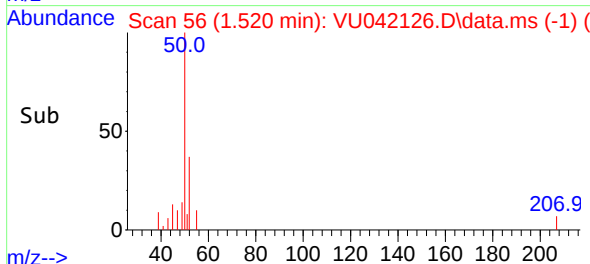
Instrument :
MSVOA_U
ClientSampled :
F1E24



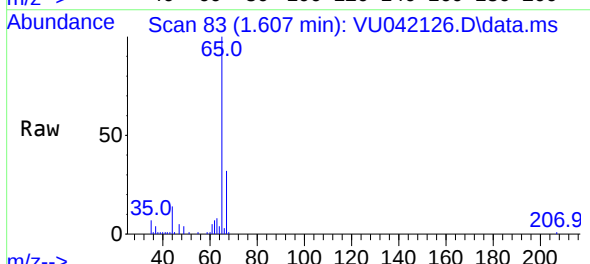
Tgt Ion: 50 Resp: 1691
Ion Ratio Lower Upper
50 100
52 36.9 23.0 42.8

Manual Integrations
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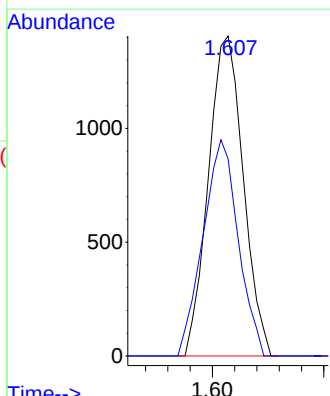
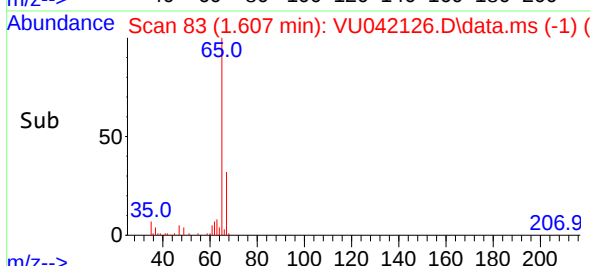
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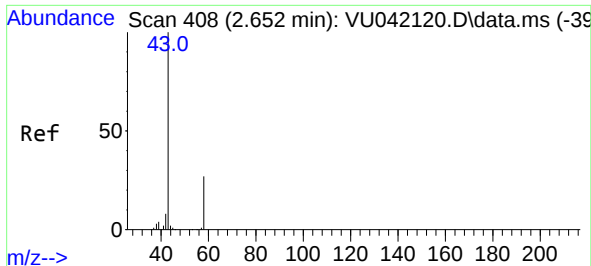


#5
Vinyl chloride
Concen: 0.17 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042126.D
Acq: 20 Jan 2021 23:57



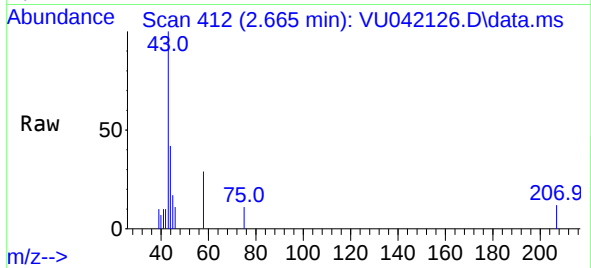
Tgt Ion: 62 Resp: 1528
Ion Ratio Lower Upper
62 100
64 61.6 22.7 42.1#





#13
Acetone
Concen: 2.75 ug/L m
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU042126.D
Acq: 20 Jan 2021 23:57

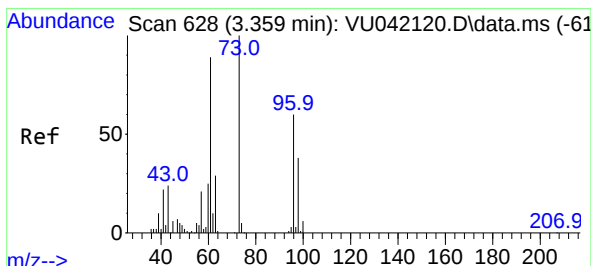
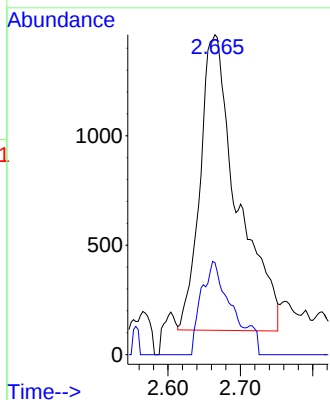
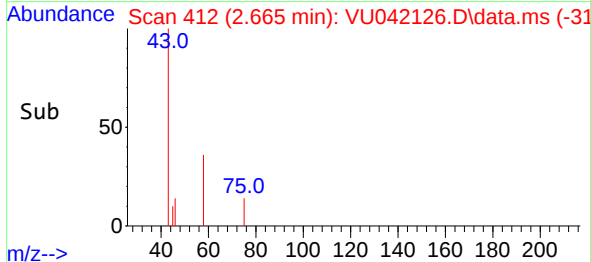
Instrument :
MSVOA_U
ClientSampled :
F1E24



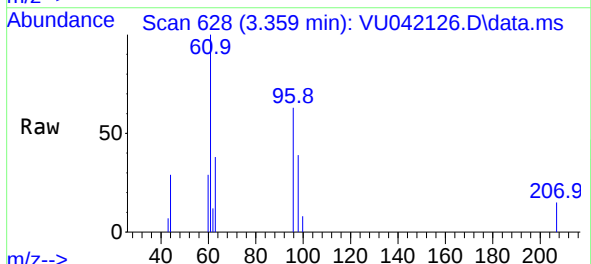
Tgt Ion: 43 Resp: 4816
Ion Ratio Lower Upper
43 100
58 23.8 0.0 55.8

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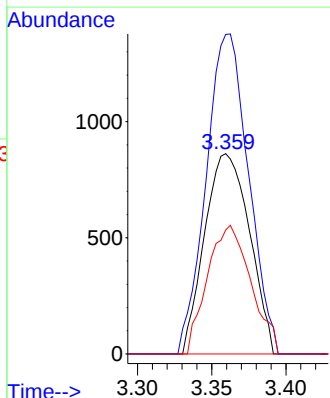
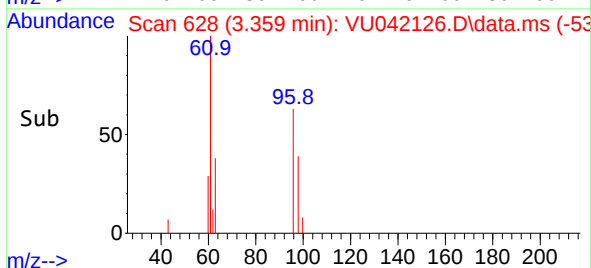
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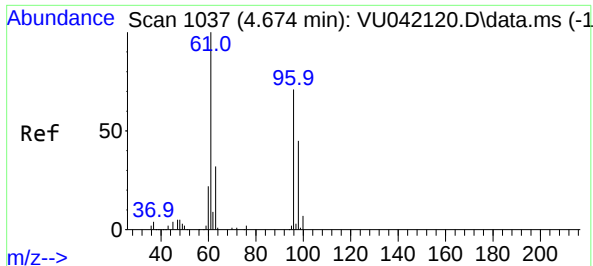


#18
trans-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU042126.D
Acq: 20 Jan 2021 23:57

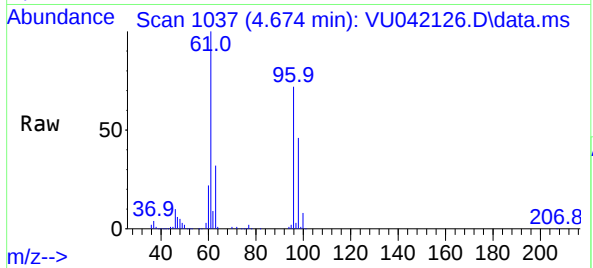


Tgt Ion: 96 Resp: 1812
Ion Ratio Lower Upper
96 100
61 159.5 105.7 196.3
98 61.9 42.8 79.6

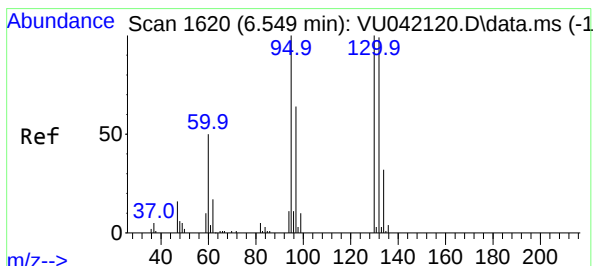
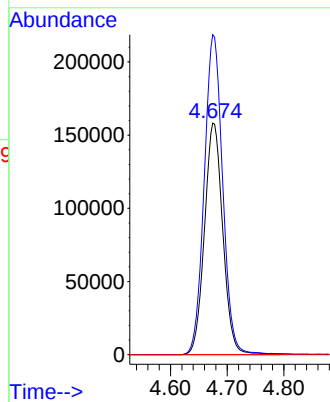
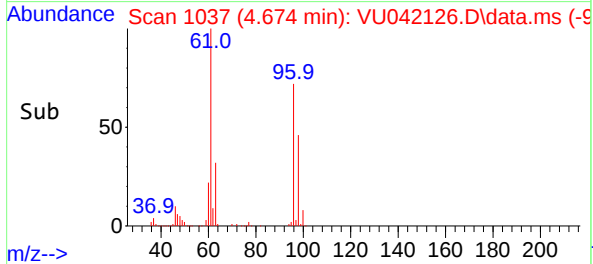




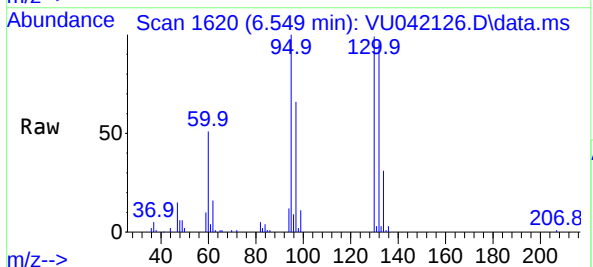
#22
cis-1,2-Dichloroethene
Concen: 41.42 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU042126.D
Acq: 20 Jan 2021 23:57



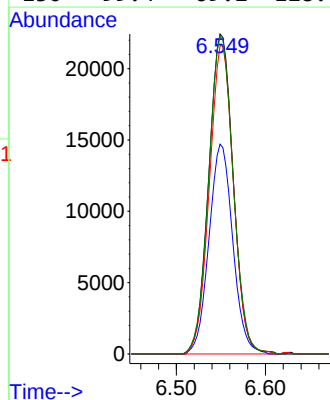
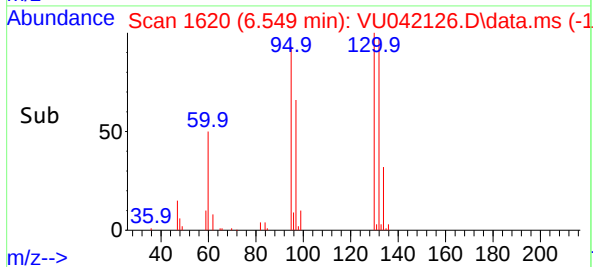
Tgt Ion: 96 Resp: 355499
Ion Ratio Lower Upper
96 100
61 138.2 97.8 181.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 5.08 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042126.D
Acq: 20 Jan 2021 23:57



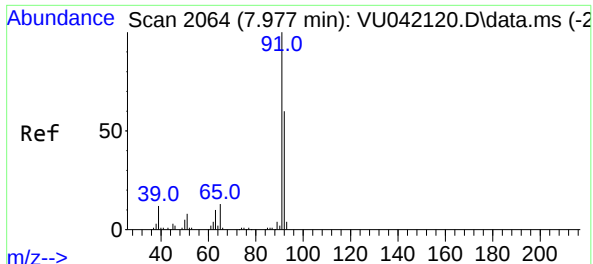
Tgt Ion: 95 Resp: 42854
Ion Ratio Lower Upper
95 100
97 65.5 44.4 82.4
132 96.3 68.0 126.4
130 99.4 69.2 128.4



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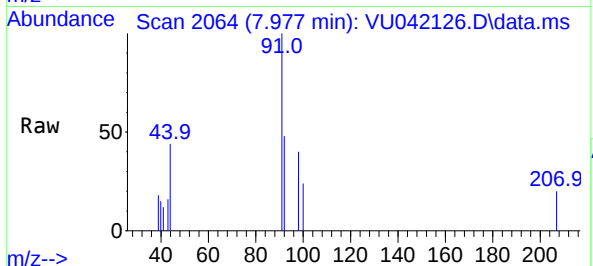
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#42
Toluene
Concen: 0.04 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042126.D
Acq: 20 Jan 2021 23:57

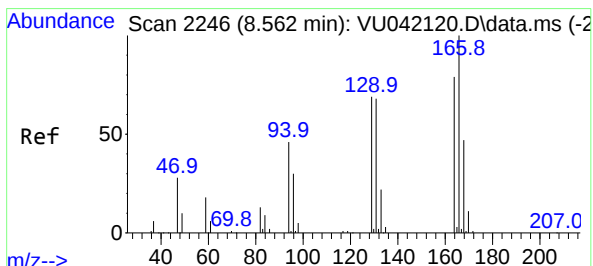
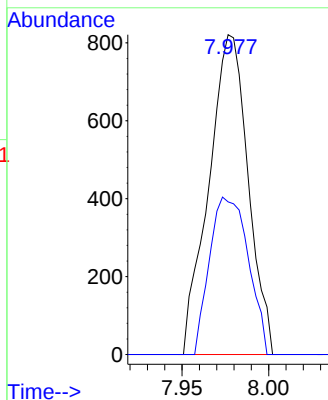
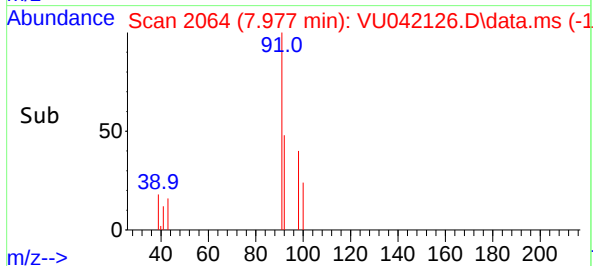
Instrument :
MSVOA_U
ClientSampled :
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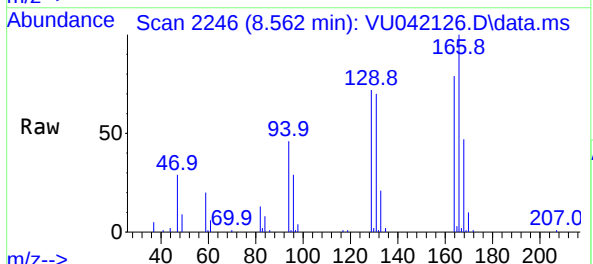
Tgt Ion: 91 Resp: 1296
Ion Ratio Lower Upper
91 100
92 47.7 41.2 76.6

Manual Integrations
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#47
Tetrachloroethene
Concen: 3.43 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042126.D
Acq: 20 Jan 2021 23:57



Tgt Ion: 164 Resp: 24066
Ion Ratio Lower Upper
164 100
129 90.9 64.3 119.5
131 88.5 62.2 115.6
166 126.5 88.6 164.6

