

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033436.D
 Acq On : 26 Jul 2019 01:40
 Operator : JC/SP
 Sample : K3976-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CB1

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 10:53:44 AM

Quant Time: Jul 26 08:09:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 05:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	278488	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	287014	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	126766	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	123992	58.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.64%
7) Chloroethane-d5	1.67	69	109902	61.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.04%
11) 1,1-Dichloroethene-d2	2.25	63	167251	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.48%
21) 2-Butanone-d5	4.15	46	153123	114.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.63%
24) Chloroform-d	4.62	84	197366	55.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.72%
26) 1,2-Dichloroethane-d4	5.29	65	132234	58.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.72%
32) Benzene-d6	5.32	84	403514	57.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.62%
36) 1,2-Dichloropropane-d6	6.31	67	125970	55.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.70%
41) Toluene-d8	7.55	98	365044	54.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.96%
43) trans-1,3-Dichloropropene-	7.83	79	59137	53.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.94%
47) 2-Hexanone-d5	8.30	63	110197	108.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	190292	55.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	138599	61.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.62%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	2639	1.581	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	33767	15.583	ug/L	98
31) Carbon tetrachloride	5.11	117	7873	2.687	ug/L	97
34) Trichloroethene	6.16	95	22321000m	10196.849	ug/L	
45) 1,1,2-Trichloroethane	8.05	97	4904	2.284	ug/L	95
46) Tetrachloroethene	8.21	164	17239	10.173	ug/L	97

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

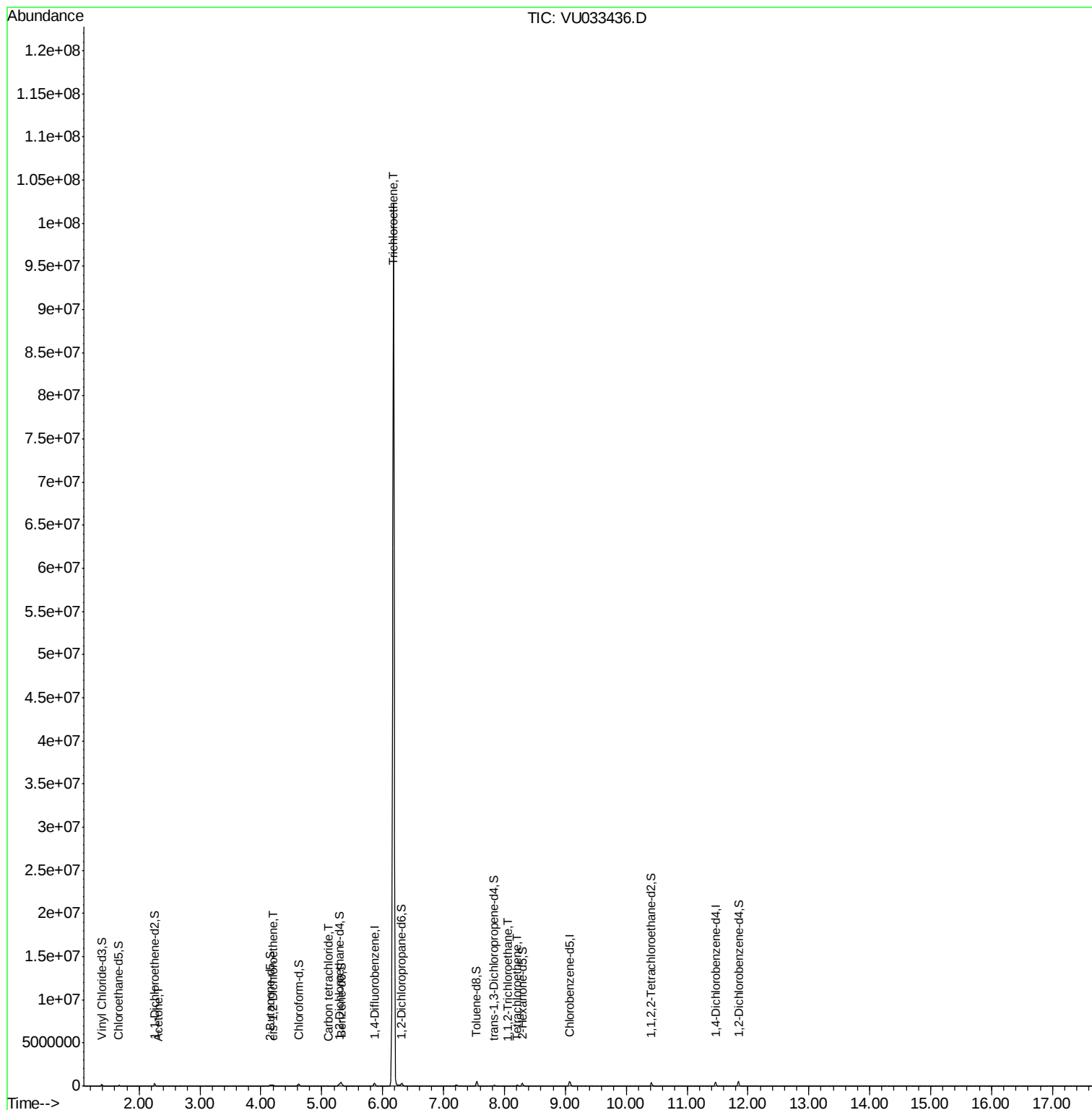
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072519\
Data File : VU033436.D
Acq On : 26 Jul 2019 01:40
Operator : JC/SP
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

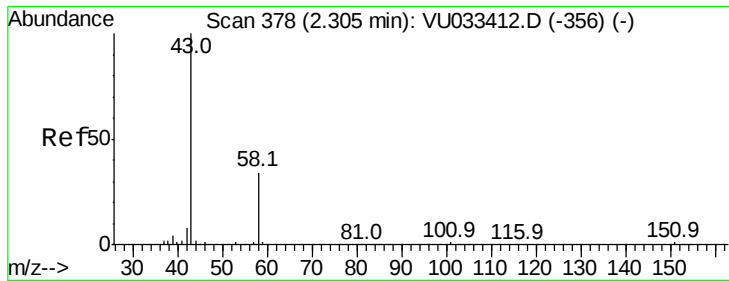
Instrument :
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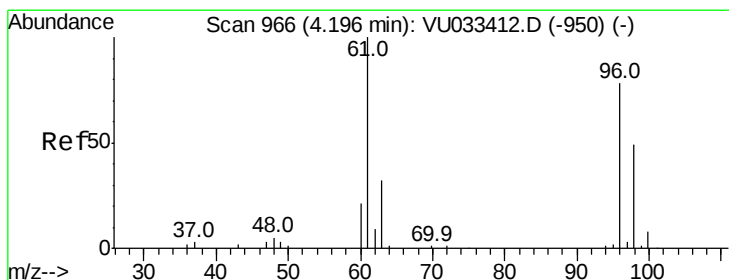
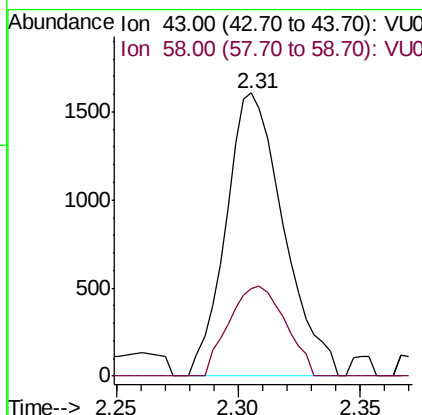
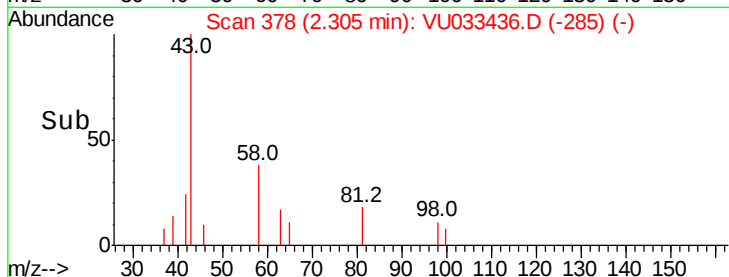
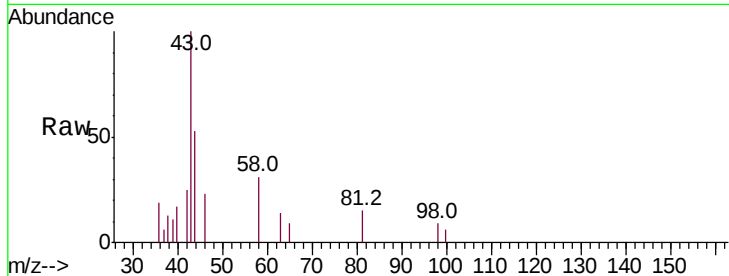
#13
Acetone
Concen: 1.581 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VU033436.D
Acq: 26 Jul 2019 01:40

Instrument :
MSVOA_U
ClientSampleId :
C0CB1

Tot Ion: 43 Resp: 2639
Ion Ratio Lower Upper
43 100
58 31.3 0.0 65.4

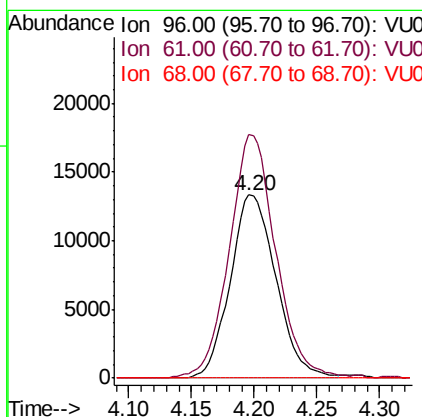
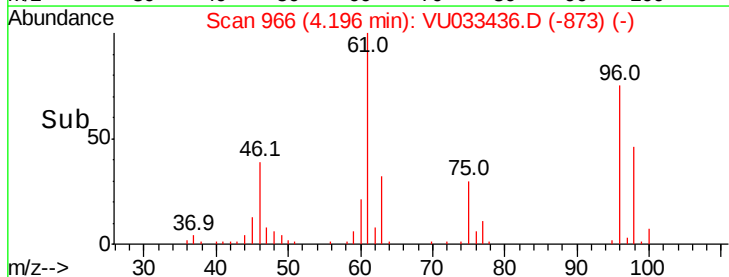
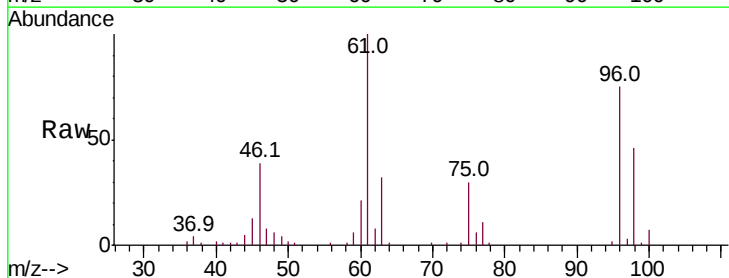
Manual Integrations
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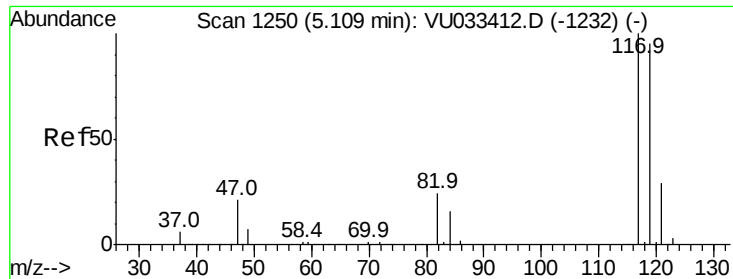
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#20
cis-1,2-Dichloroethene
Concen: 15.583 ug/L
RT: 4.20 min Scan# 966
Delta R.T. -0.00 min
Lab File: VU033436.D
Acq: 26 Jul 2019 01:40

Tgt Ion: 96 Resp: 33767
Ion Ratio Lower Upper
96 100
61 132.8 91.1 169.1
68 0.0 0.0 0.0





#31

Carbon tetrachloride

Concen: 2.687 ug/L

RT: 5.11 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VU033436.D

Acq: 26 Jul 2019 01:40

Instrument :

MSVOA_U

ClientSampleId :

C0CB1

Tot Ion:117 Resp: 7873

Ion Ratio Lower Upper

117 100

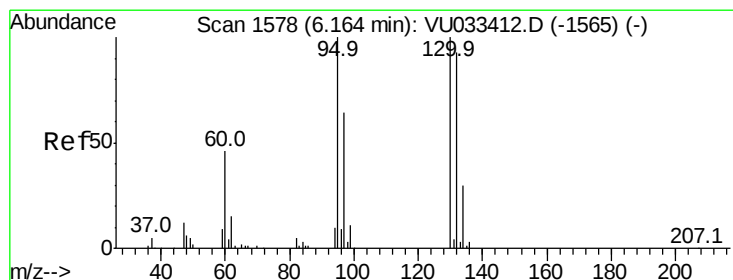
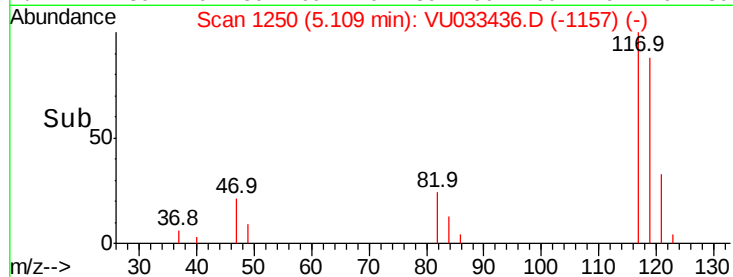
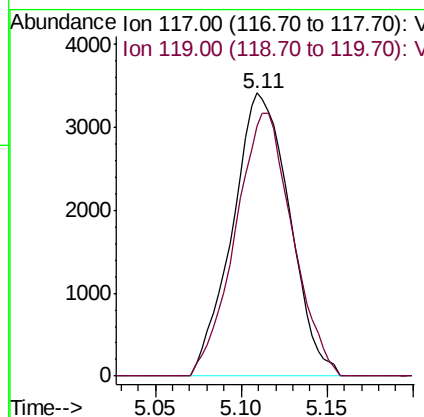
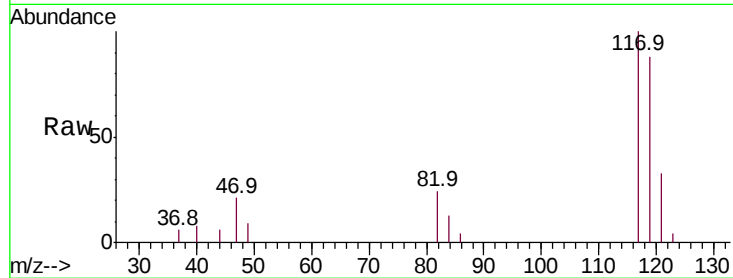
119 93.2 76.9 115.3

Manual Integrations

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#34

Trichloroethene

Concen: 10196.849 ug/L m

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033436.D

Acq: 26 Jul 2019 01:40

Tgt Ion: 95 Resp:22321000

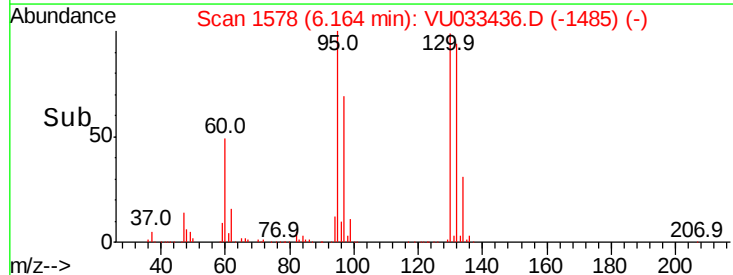
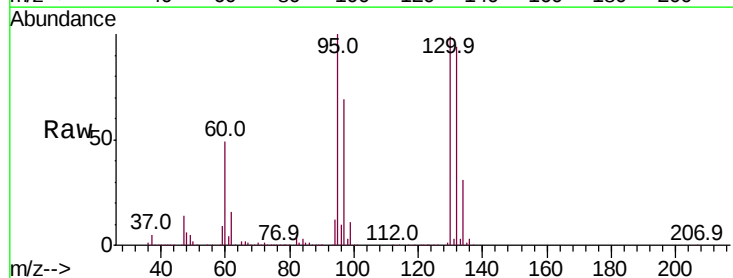
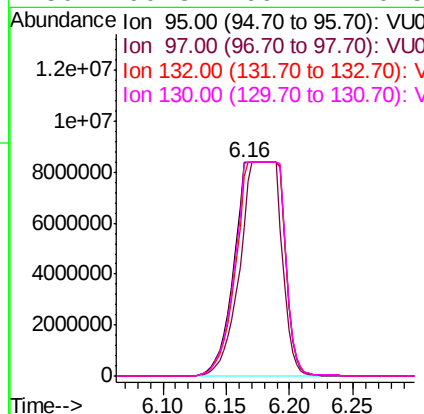
Ion Ratio Lower Upper

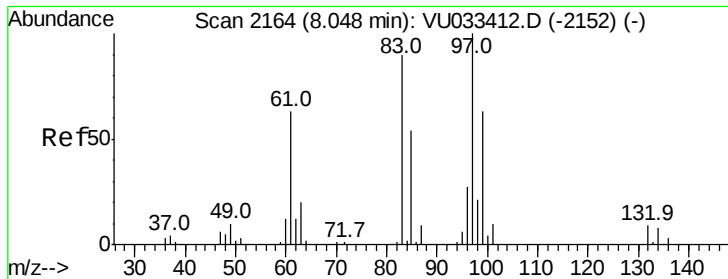
95 100

97 69.3 43.8 81.4

132 93.8 65.5 121.6

130 99.3 69.7 129.5





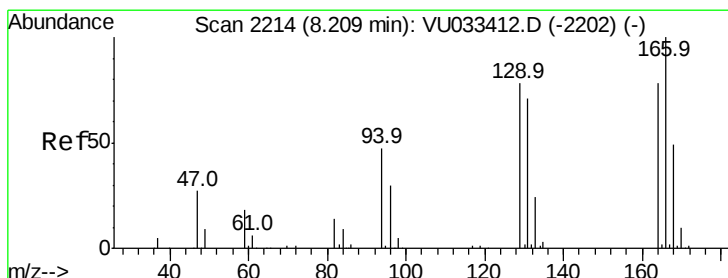
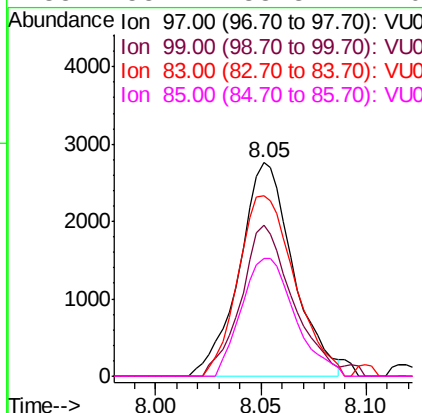
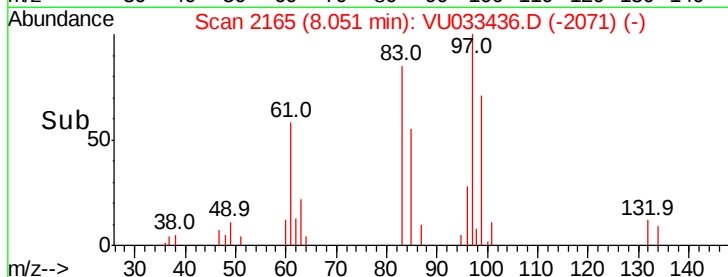
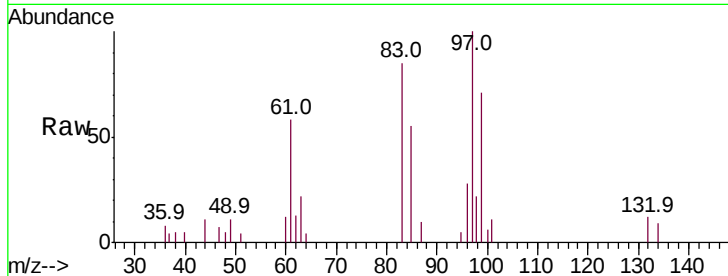
#45
1,1,2-Trichloroethane
Concen: 2.284 ug/L
RT: 8.05 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VU033436.D
Acq: 26 Jul 2019 01:40

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion:	97	Resp:	4904
Ion	Ratio	Lower	Upper
97	100		
99	70.7	43.0	79.8
83	84.7	61.5	114.3
85	55.1	38.8	72.0

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#46
Tetrachloroethene
Concen: 10.173 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033436.D
Acq: 26 Jul 2019 01:40

Tgt Ion:	164	Resp:	17239
Ion	Ratio	Lower	Upper
164	100		
129	103.8	69.6	129.2
131	91.2	65.7	122.1
166	124.3	88.5	164.4

