

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032055.D
 Acq On : 16 May 2019 17:45
 Operator : JC/SP
 Sample : K2739-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB892

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 12:19:43 PM

Quant Time: May 17 07:57:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 07:17:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	380234	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	391898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76148	2.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.60%
7) Chloroethane-d5	1.68	69	79016	2.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.80%#
11) 1,1-Dichloroethene-d2	2.27	63	115056	2.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.00%#
20) 2-Butanone-d5	4.19	46	285273	45.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.74%
24) Chloroform-d	4.64	84	201841	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.60%
26) 1,2-Dichloroethane-d4	5.31	65	107255	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
32) Benzene-d6	5.33	84	386601	3.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.60%#
36) 1,2-Dichloropropane-d6	6.33	67	127001	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.60%
41) Toluene-d8	7.56	98	290618	2.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.20%#
43) trans-1,3-Dichloropropene-	7.85	79	37549	2.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.60%
46) 2-Hexanone-d5	8.31	63	232828	40.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117781	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	122923	3.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.00%#

Target Compounds

					Ovalue
13) Acetone	2.32	43	19684	9.535	ug/L 98
16) Methylene chloride	2.69	84	2291	0.126	ug/L 79
17) Methyl tert-butyl Ether	3.00	73	6088	0.170	ug/L # 78
21) 2-Butanone	4.31	43	5987m	2.021	ug/L
22) cis-1,2-Dichloroethene	4.22	96	10529	0.655	ug/L 87
42) Toluene	7.64	91	19593	0.311	ug/L 89

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

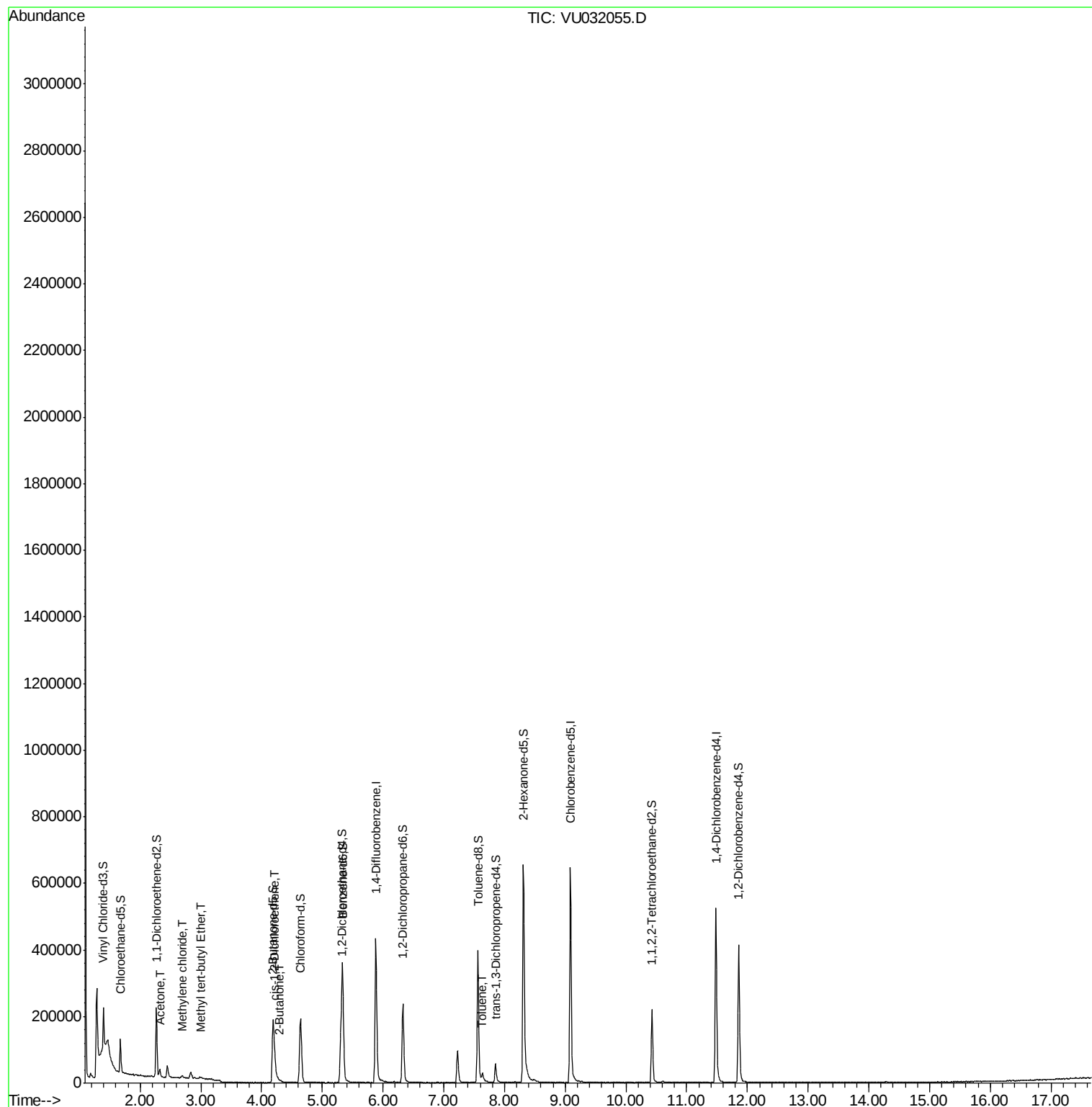
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
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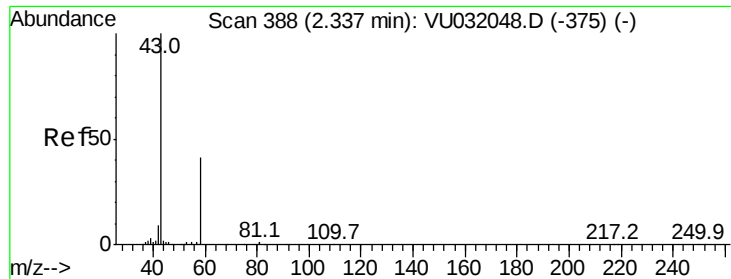
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





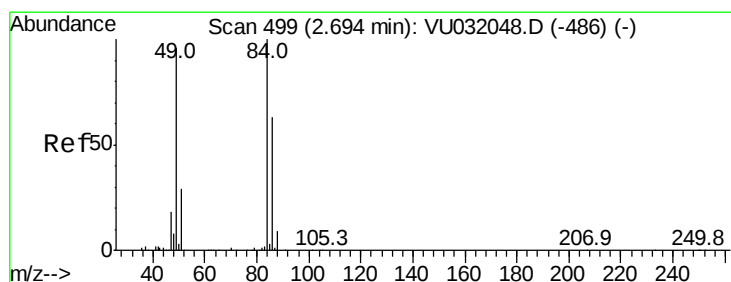
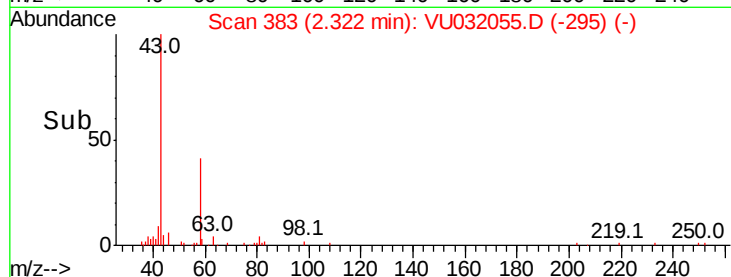
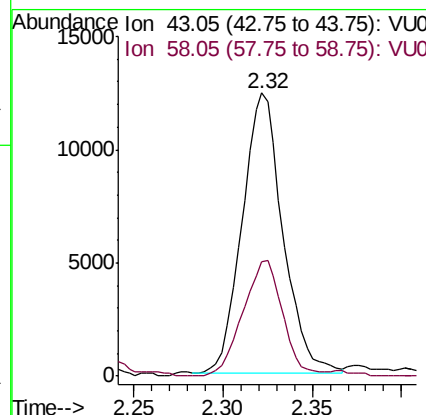
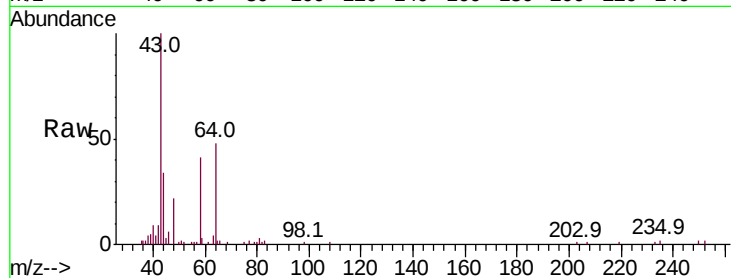
#13
Acetone
Concen: 9.535 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU032055.D
Acq: 16 May 2019 17:45

Instrument :
MSVOA_U
ClientSampled :
DB892

Tot Ion	43	58	Ratio	100	40.6	Resp:	19684	Lower	0.0	Upper	78.8
Ion	43	58	Ratio	100	40.6	Resp:	19684	Lower	0.0	Upper	78.8

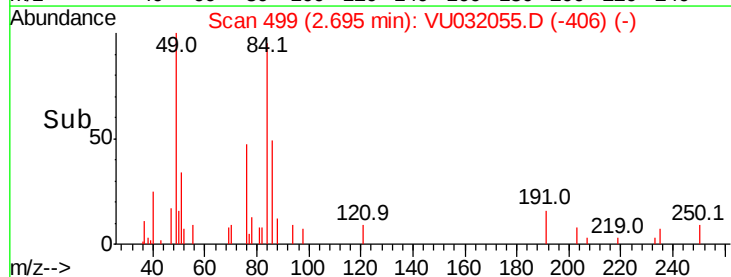
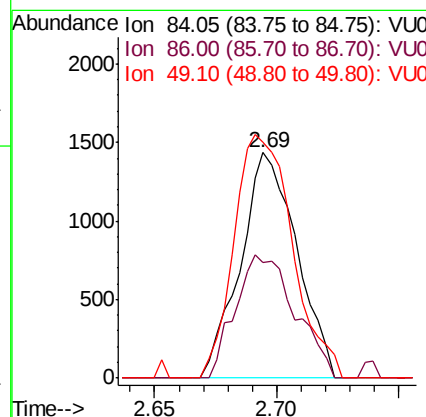
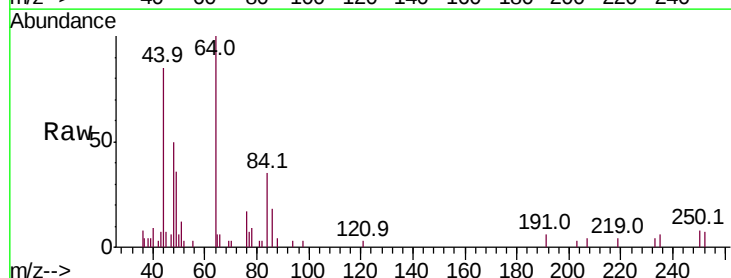
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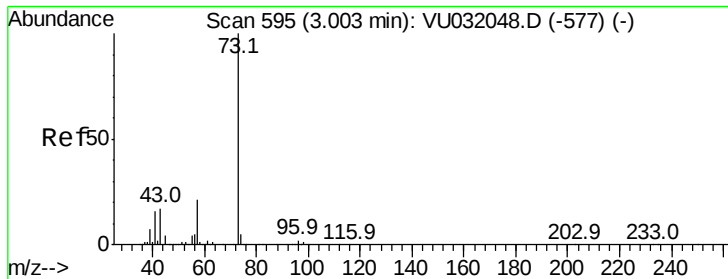
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#16
Methylene chloride
Concen: 0.126 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032055.D
Acq: 16 May 2019 17:45

Tgt Ion	84	86	49	Ratio	100	51.3	121.3	Resp:	2291	Lower	43.1	80.1	Upper	125.7
Ion	84	86	49	Ratio	100	51.3	121.3	Resp:	2291	Lower	43.1	80.1	Upper	125.7





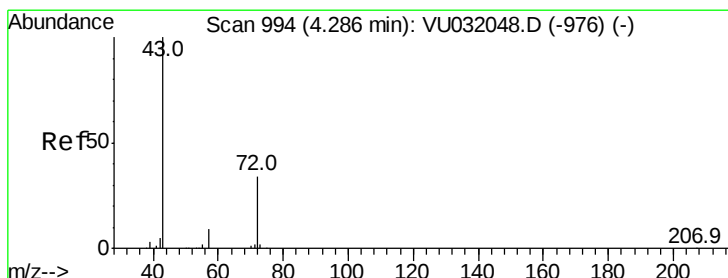
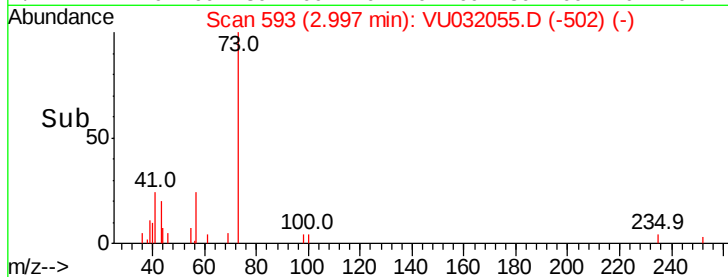
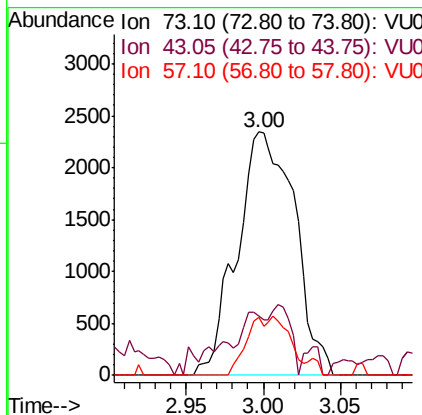
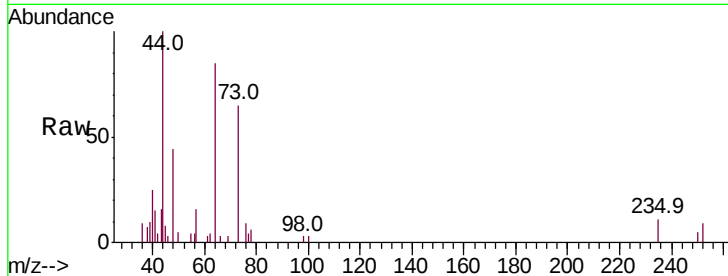
#17
Methvl tert-butvl Ether
Concen: 0.170 ug/L
RT: 3.00 min Scan# 593
Delta R.T. -0.01 min
Lab File: VU032055.D
Acq: 16 May 2019 17:45

Instrument :
MSVOA_U
ClientSampleId :
DB892

Tot Ion	Ratio	Lower	Upper
73	100		
43	11.4	13.0	19.6#
57	7.8	17.9	26.9#

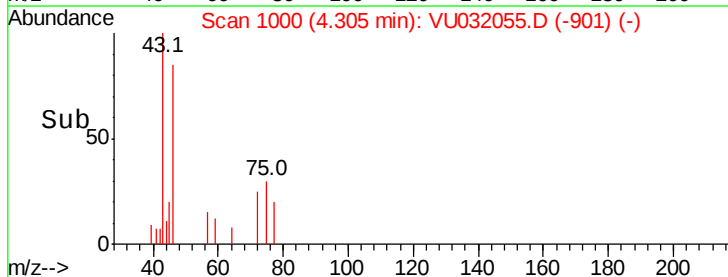
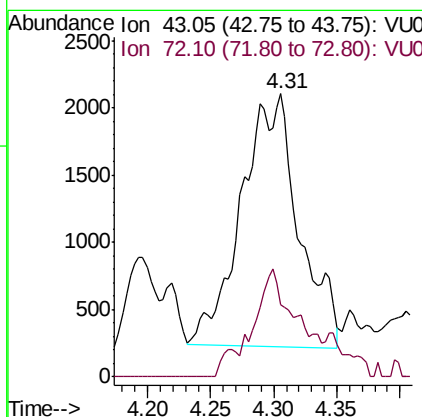
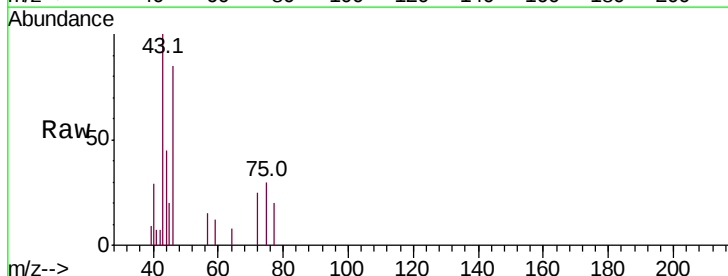
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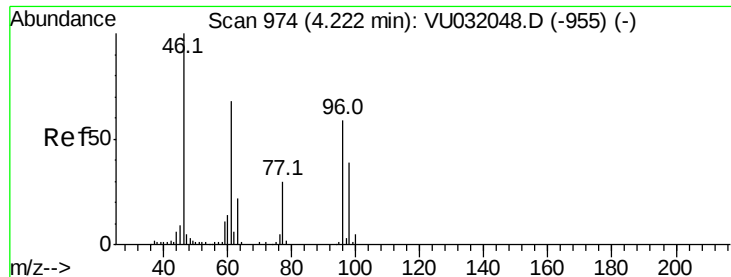
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#21
2-Butanone
Concen: 2.021 ug/L m
RT: 4.31 min Scan# 1000
Delta R.T. 0.02 min
Lab File: VU032055.D
Acq: 16 May 2019 17:45

Tgt Ion	Ratio	Lower	Upper
43	100		
72	2.9	16.8	50.3#





#22

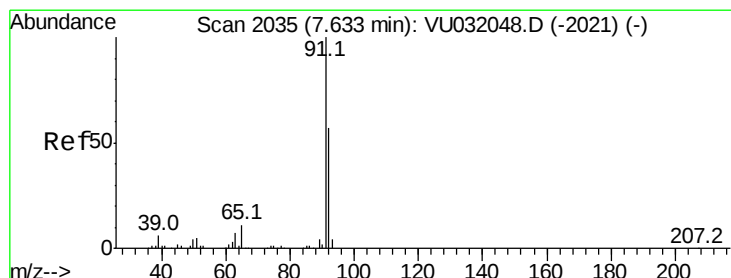
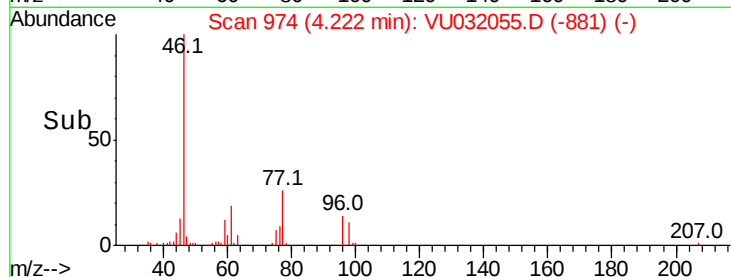
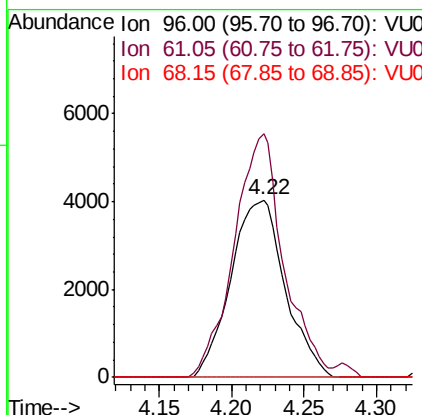
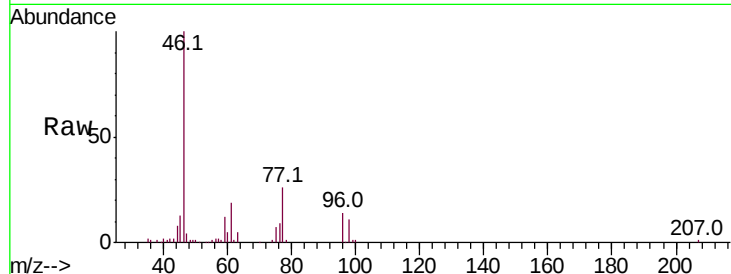
cis-1,2-Dichloroethene
Concen: 0.655 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032055.D
Acq: 16 May 2019 17:45

Instrument :
MSVOA_U
ClientSampleId :
DB892

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	85.8	159.4
68	0.0	0.0	0.0

Manual Integrations
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#42

Toluene
Concen: 0.311 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU032055.D
Acq: 16 May 2019 17:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.2	40.2	74.6

