

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034735.D
 Acq On : 23 Sep 2019 15:53
 Operator : JC/SP
 Sample : K4982-04DL 100X
 Misc : 3.99g/5.0mL/100uL/10mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5DL

Manual Integrations
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 9/24/2019 10:46:08 AM

Quant Time: Sep 24 02:32:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 01:52:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	541091	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	504946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	252411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	197101	35.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.16%
7) Chloroethane-d5	1.67	69	161014	37.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.22%
11) 1,1-Dichloroethene-d2	2.26	63	270455m	28.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.66%#
21) 2-Butanone-d5	4.15	46	368709	86.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.85%
24) Chloroform-d	4.62	84	274518	34.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.18%#
26) 1,2-Dichloroethane-d4	5.28	65	237946	40.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.38%
32) Benzene-d6	5.32	84	671167	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
36) 1,2-Dichloropropane-d6	6.31	67	235136	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.54	98	629732	42.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.58%
43) trans-1,3-Dichloropropene-	7.83	79	110146	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.08%
47) 2-Hexanone-d5	8.29	63	233814	85.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.10%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	304752	40.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	219026	41.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	9.10	112	12945	1.125	ug/L	96
52) Ethylbenzene	9.23	91	102205	4.795	ug/L	95
53) m,p-Xylene	9.35	106	112323	14.879	ug/L	98
54) o-xylene	9.76	106	27708	3.711	ug/L	90
62) 1,3-Dichlorobenzene	11.39	146	172279	19.709	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	254929	28.629	ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	510957	57.852	ug/L	97
68) 1,2,4-trichlorobenzene	13.49	180	18135	3.938	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.97	180	6118	1.291	ug/L #	80

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

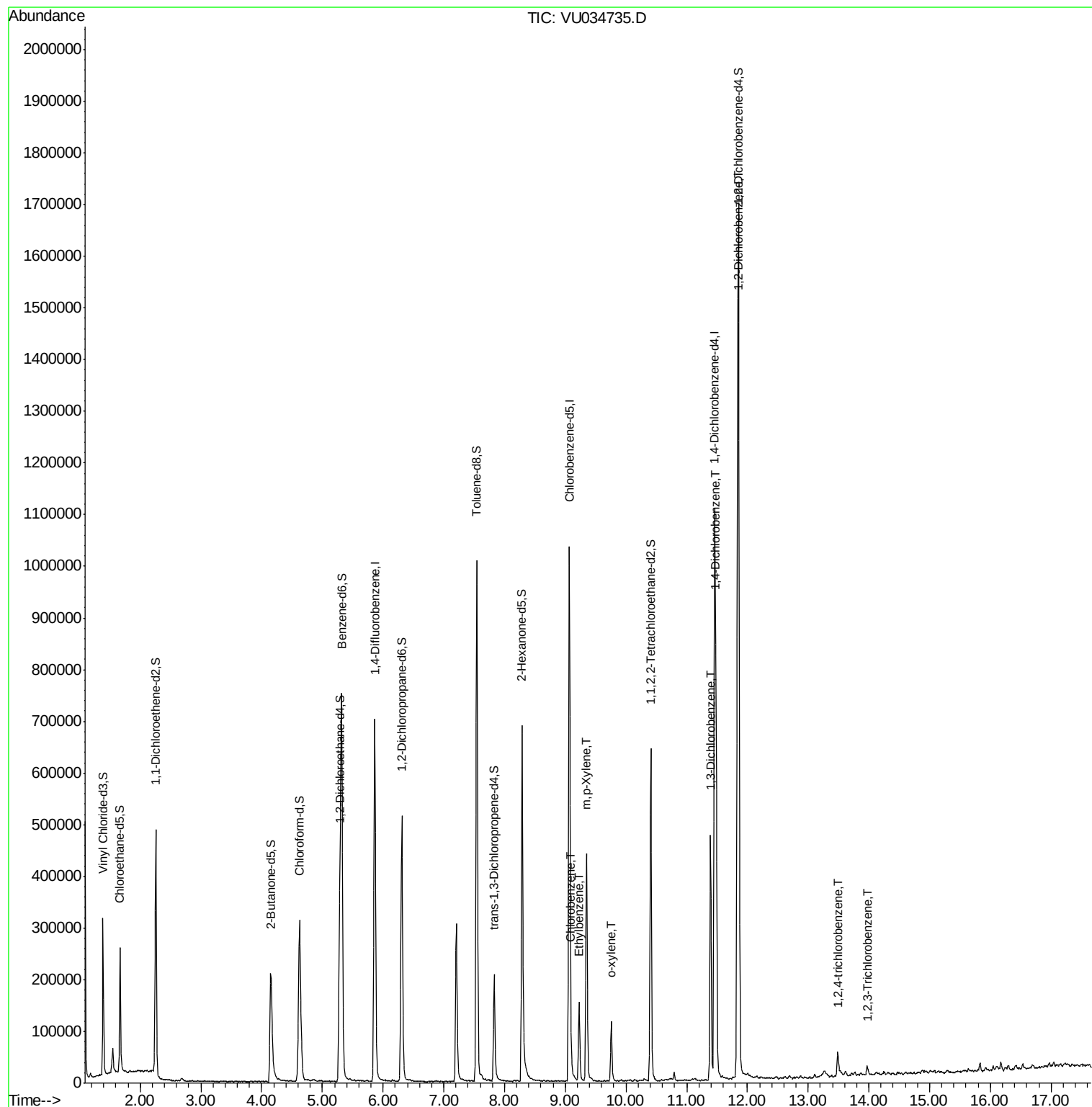
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034735.D
Acq On : 23 Sep 2019 15:53
Operator : JC/SP
Sample : K4982-04DL 100X
Misc : 3.99g/5.0mL/100uL/10mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

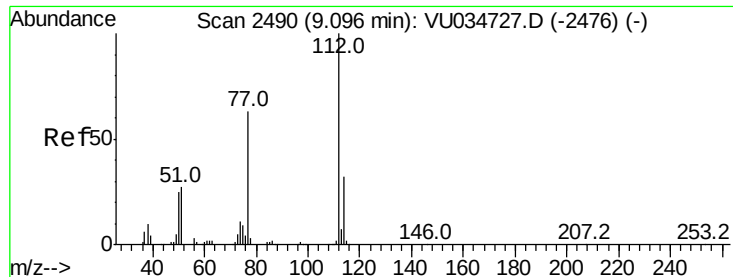
Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

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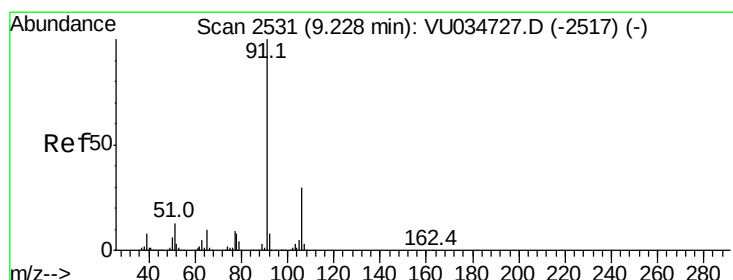
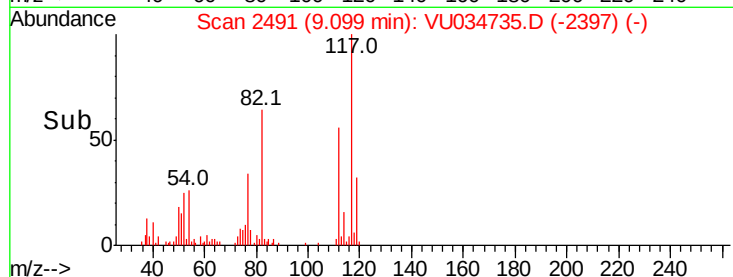
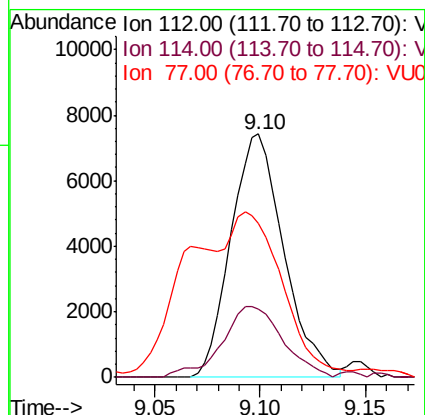
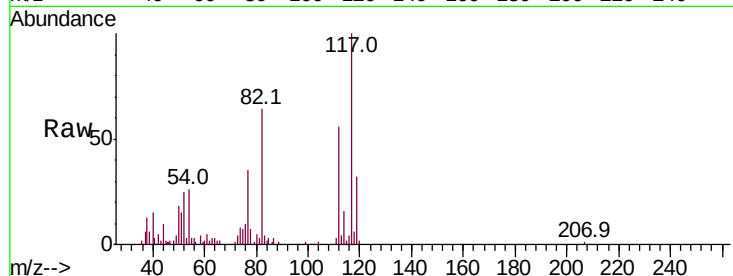
#51
Chlorobenzene
Concen: 1.125 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034735.D
Acq: 23 Sep 2019 15:53

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

Tot Ion:	112	Resp:	12945
Ion Ratio	Lower	Upper	
112	100		
114	28.0	22.8	42.4
77	63.2	51.5	77.3

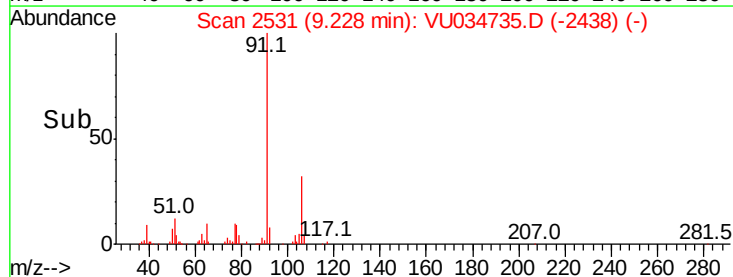
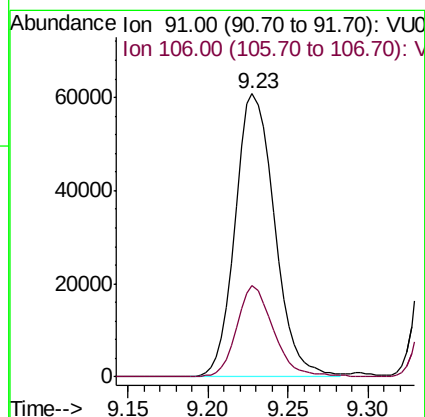
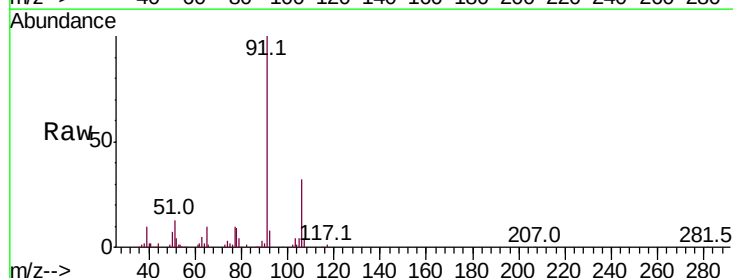
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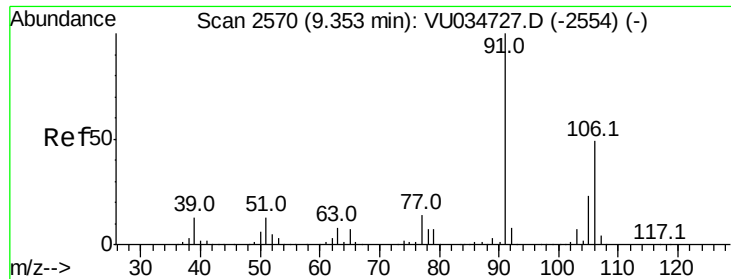
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#52
Ethylbenzene
Concen: 4.795 ug/L
RT: 9.23 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU034735.D
Acq: 23 Sep 2019 15:53

Tgt Ion:	91	Resp:	102205
Ion Ratio	Lower	Upper	
91	100		
106	32.4	20.6	38.4





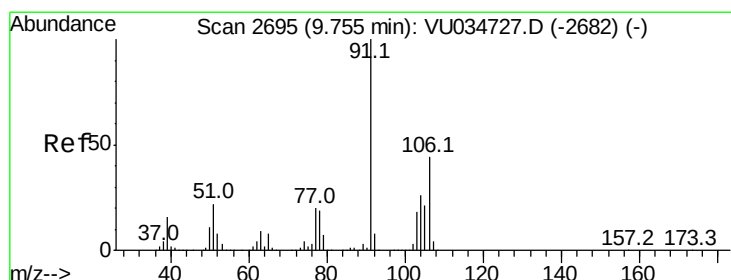
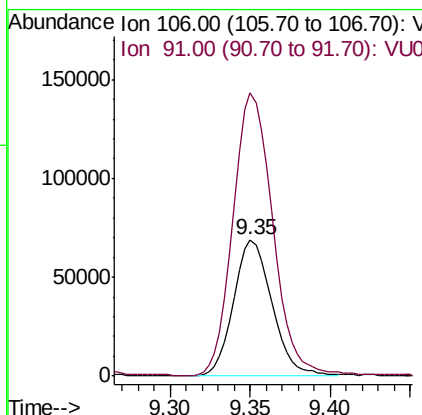
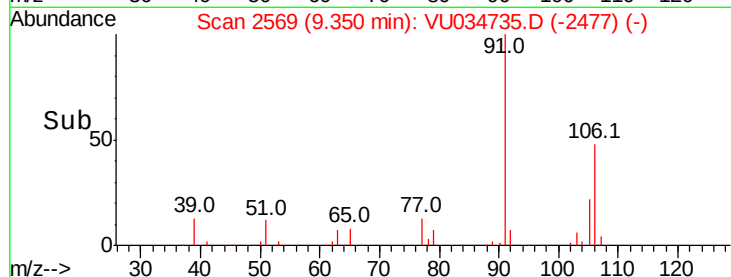
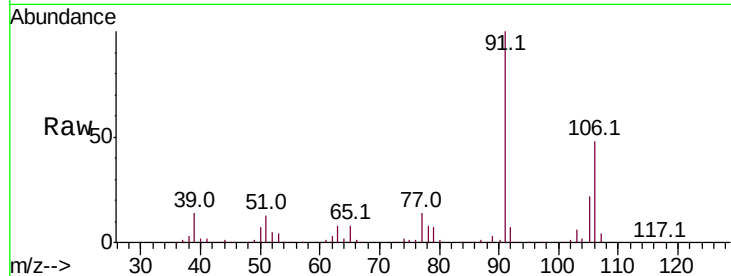
#53
m,p-Xylene
Concen: 14.879 ug/L
RT: 9.35 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU034735.D
Acq: 23 Sep 2019 15:53

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.1	146.9	272.7

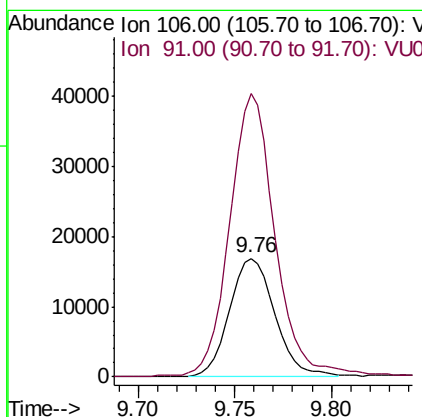
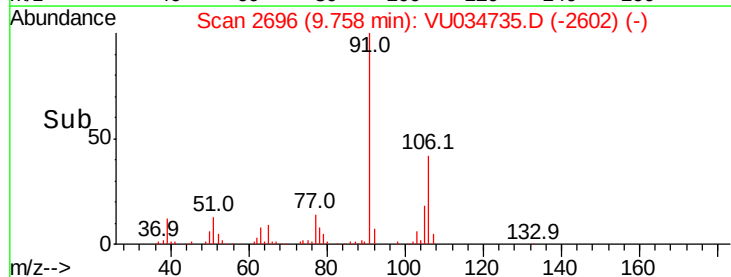
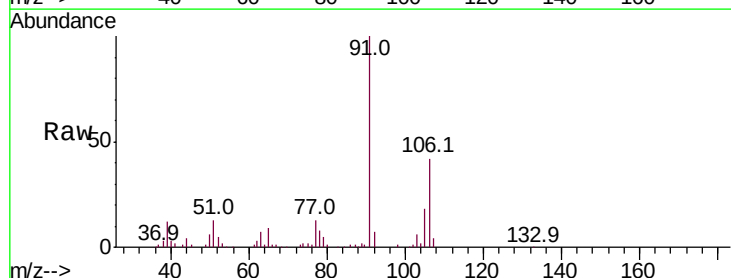
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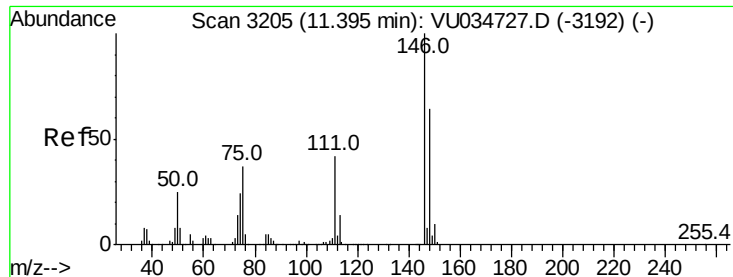
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#54
o-xylene
Concen: 3.711 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034735.D
Acq: 23 Sep 2019 15:53

Tgt Ion	Ratio	Lower	Upper
106	100		
91	238.2	155.6	289.0





#62

1,3-Dichlorobenzene

Concen: 19.709 ug/L

RT: 11.39 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU034735.D

Acq: 23 Sep 2019 15:53

Instrument :

MSVOA_U

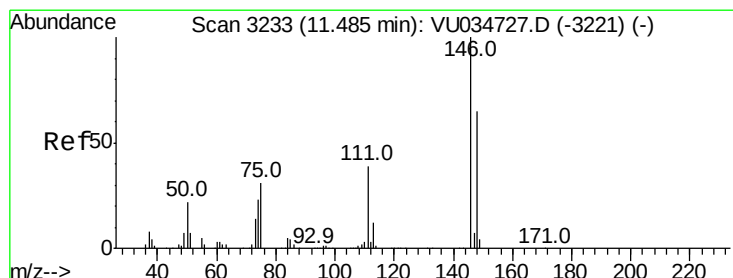
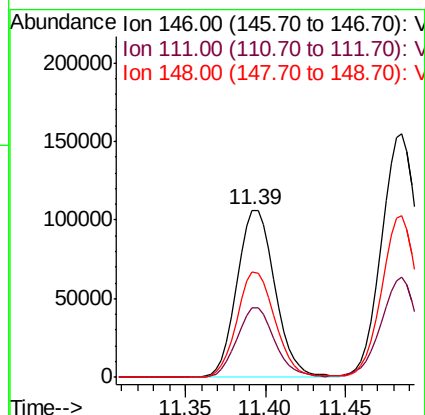
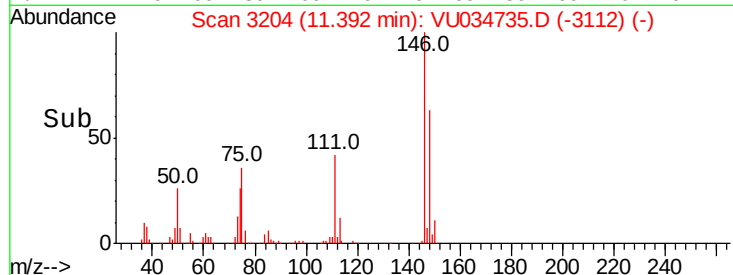
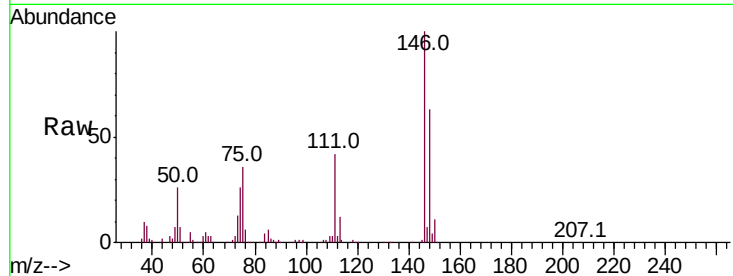
ClientSampleId :

C0AT5DL

Tot Ion:	146	Resp:	172279
Ion Ratio	Lower	Upper	
146	100		
111	41.6	30.4	56.5
148	62.9	46.1	85.7

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#63

1,4-Dichlorobenzene

Concen: 28.629 ug/L

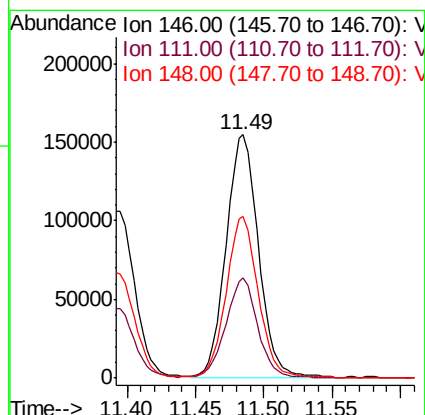
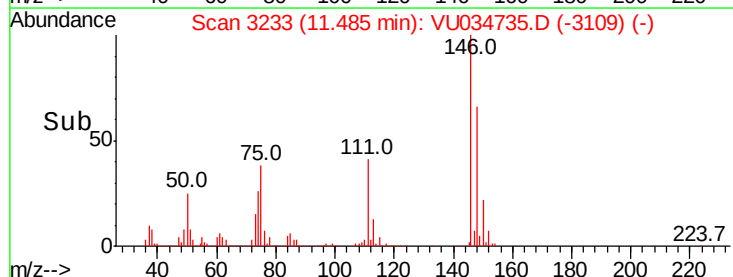
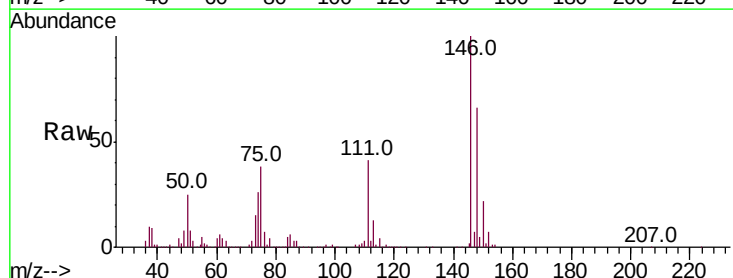
RT: 11.49 min Scan# 3233

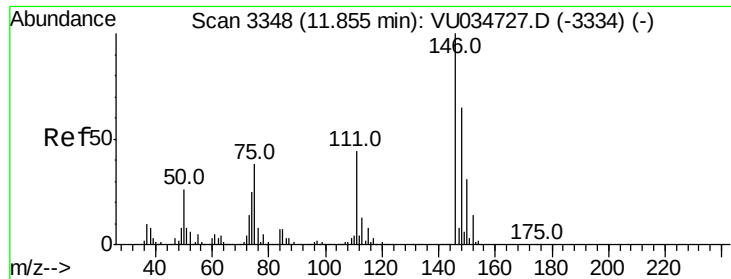
Delta R.T. -0.00 min

Lab File: VU034735.D

Acq: 23 Sep 2019 15:53

Tgt Ion:	146	Resp:	254929
Ion Ratio	Lower	Upper	
146	100		
111	40.9	29.5	54.9
148	66.5	44.4	82.4





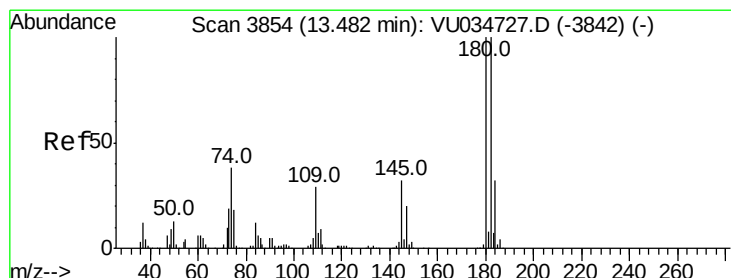
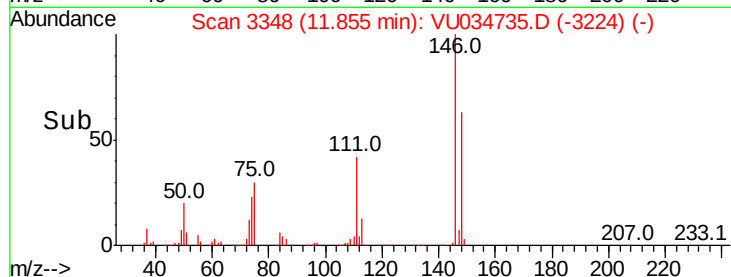
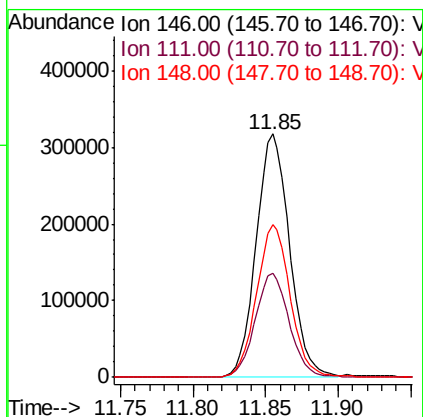
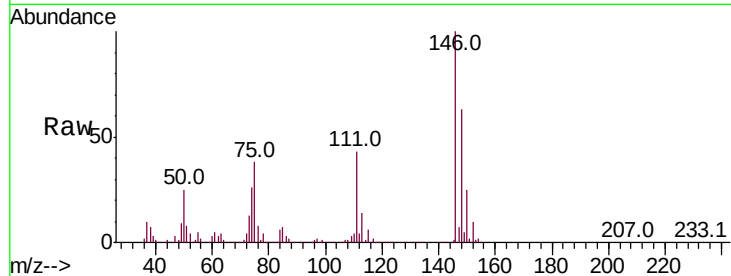
#65
 1,2-Dichlorobenzene
 Concen: 57.852 ug/L
 RT: 11.85 min Scan# 3348
 Delta R.T. -0.00 min
 Lab File: VU034735.D
 Acq: 23 Sep 2019 15:53

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	35.2	52.8
148	62.8	53.0	79.6

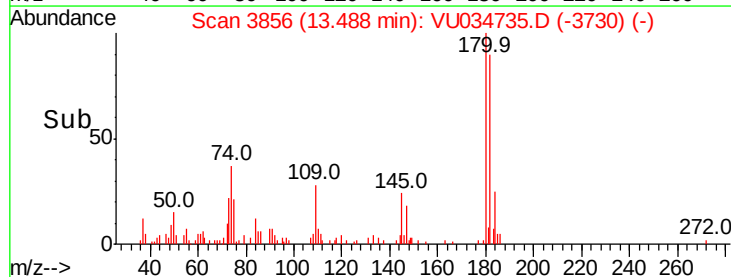
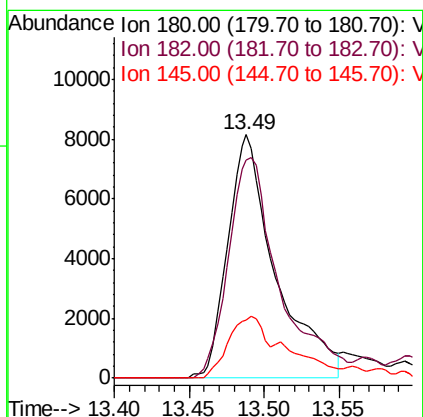
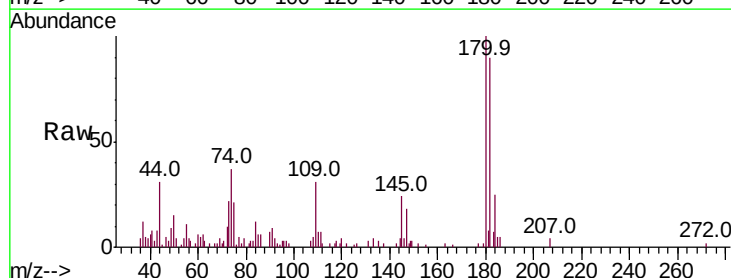
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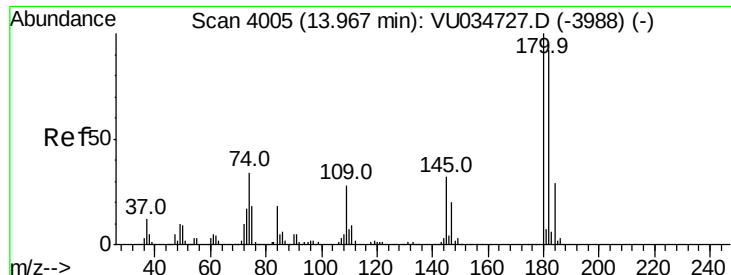
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#68
 1,2,4-trichlorobenzene
 Concen: 3.938 ug/L
 RT: 13.49 min Scan# 3856
 Delta R.T. 0.01 min
 Lab File: VU034735.D
 Acq: 23 Sep 2019 15:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.7	113.5
145	19.2	25.2	37.8#





#70
 1,2,3-Trichlorobenzene
 Concen: 1.291 ug/L
 RT: 13.97 min Scan# 4007
 Delta R.T. 0.01 min
 Lab File: VU034735.D
 Acq: 23 Sep 2019 15:53

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5DL

Tot Ion	Ratio	Resp	Lower	Upper
180	100	6118		
182	80.3		79.2	118.8
145	19.1		26.0	39.0

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