

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\
 Data File : VU025794.D
 Acq On : 02 Aug 2018 13:13
 Operator : MD/SY
 Sample : J4209-04MEDL 50X
 Misc : 6.41g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB9MEDL

Quant Time: Aug 03 04:29:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 04:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	330158	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	313732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	170453	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73010	38.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.46%
7) Chloroethane-d5	1.68	69	67768	43.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.18%
11) 1,1-Dichloroethene-d2	2.27	63	123267	31.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.82%
21) 2-Butanone-d5	4.18	46	162198	111.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.47%
24) Chloroform-d	4.65	84	194684	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
26) 1,2-Dichloroethane-d4	5.31	65	137591	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
32) Benzene-d6	5.35	84	366895	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.33	67	121114	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.44%
41) Toluene-d8	7.57	98	346694	44.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.86%
43) trans-1,3-Dichloropropene-	7.85	79	60485	45.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.34%
47) 2-Hexanone-d5	8.31	63	115832	106.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.70%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	178750	49.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	162204	46.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.90%

Target Compounds

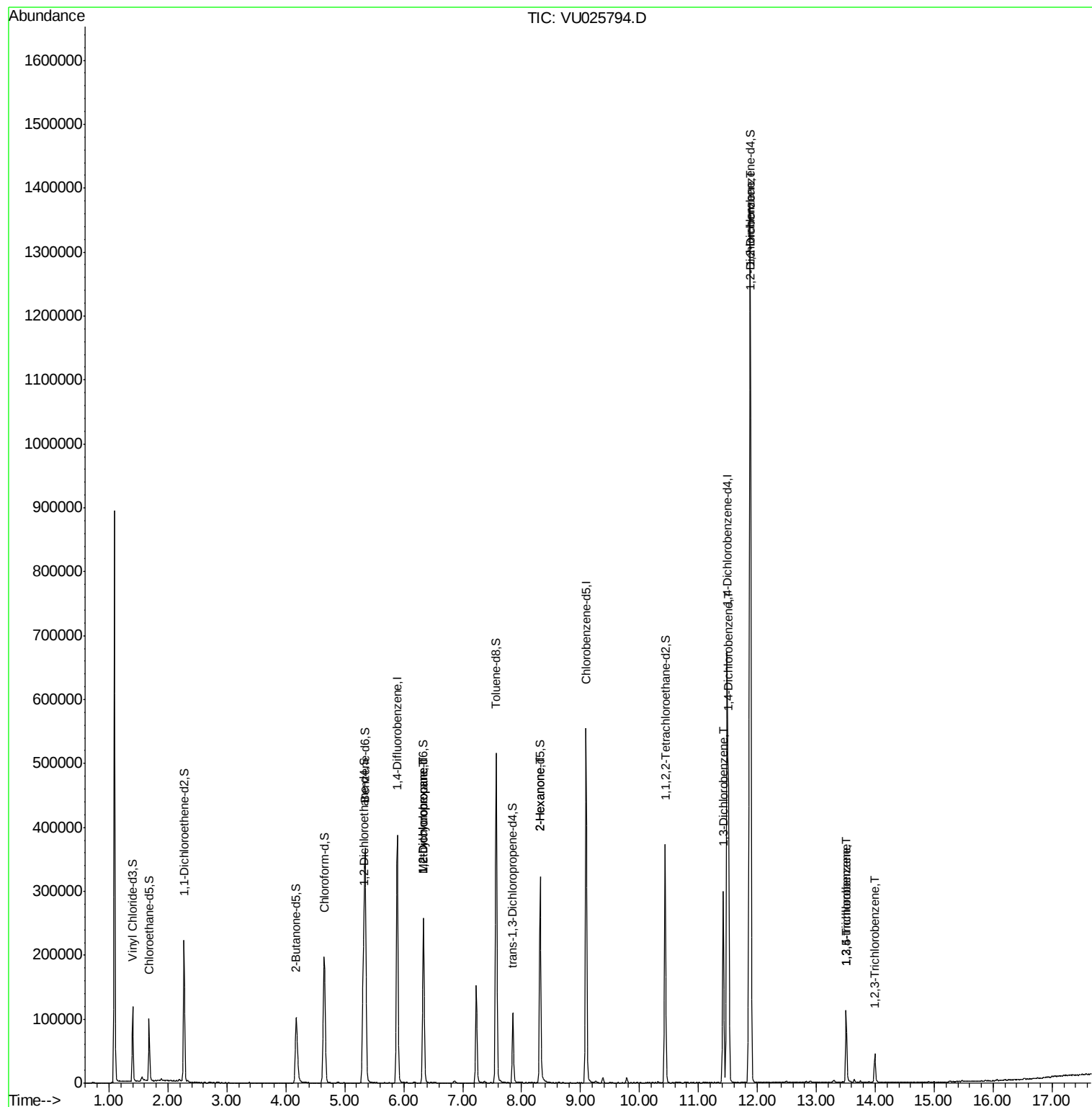
					Ovalue
35) Methylcyclohexane	6.33	83	29220	7.58 ug/L	# 19
37) 1,2-Dichloropropane	6.33	63	14689	5.96 ug/L	# 88
48) 2-Hexanone	8.31	43	12746	4.66 ug/L	# 66
62) 1,3-Dichlorobenzene	11.42	146	124521	23.09 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	168379	30.59 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	507016	89.76 ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	37578	9.03 ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	37578	10.74 ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	15112	4.09 ug/L	95

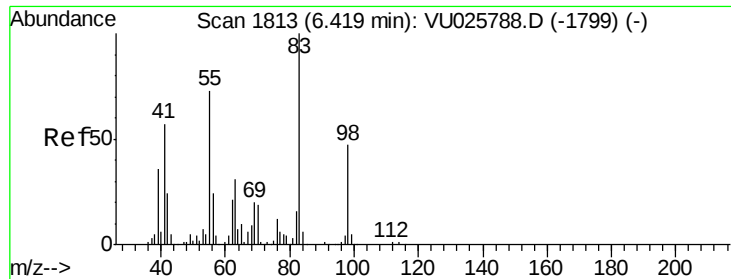
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 04:24:02 2018
Response via : Initial Calibration

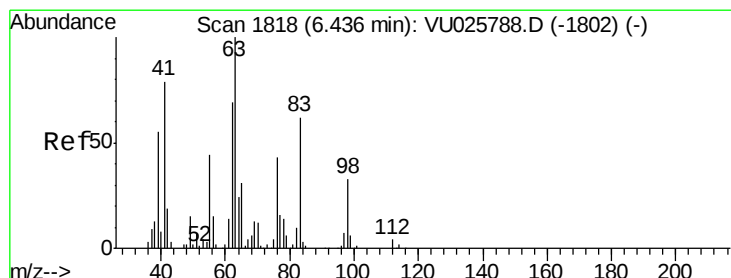
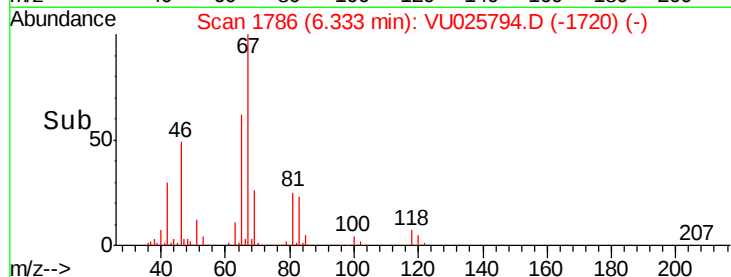
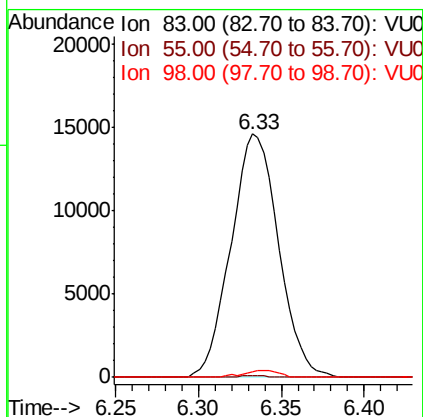
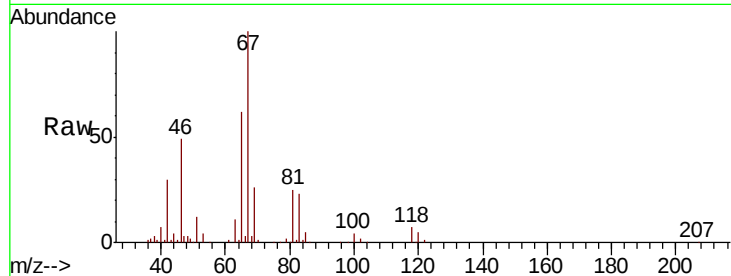




#35
Methvlcvclohexane
Concen: 7.58 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU025794.D
Acq: 02 Aug 2018 13:13

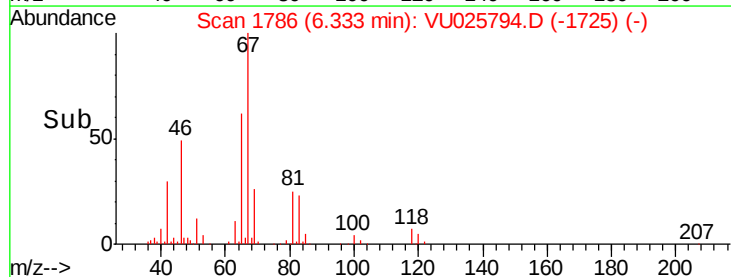
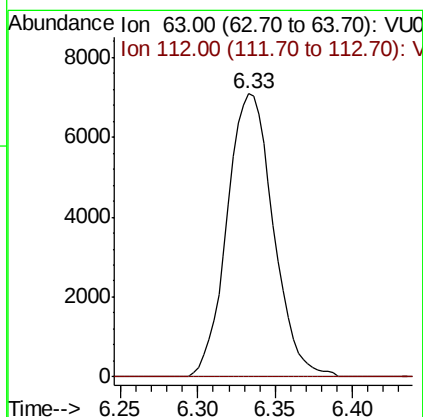
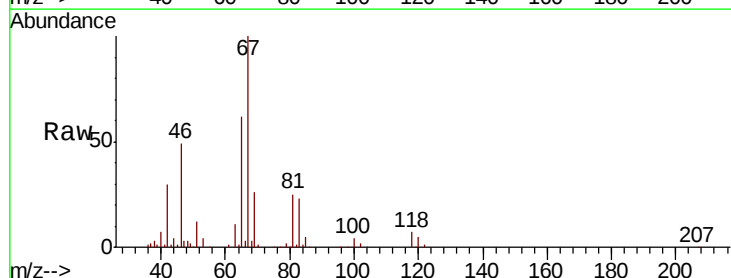
Instrument :
MSVOA_U
ClientSampleId :
C0AB9MEDL

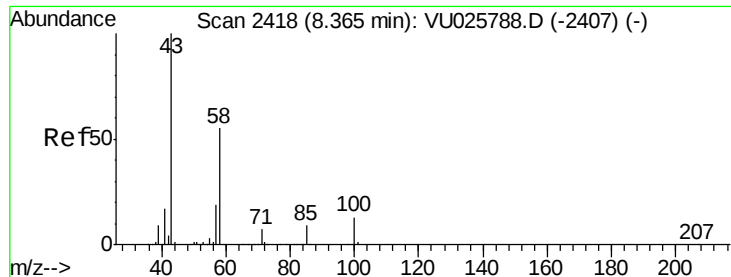
Tot Ion: 83 Resp: 29220
Ion Ratio Lower Upper
83 100
55 0.2 61.1 91.7#
98 1.7 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 5.96 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU025794.D
Acq: 02 Aug 2018 13:13

Tgt Ion: 63 Resp: 14689
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

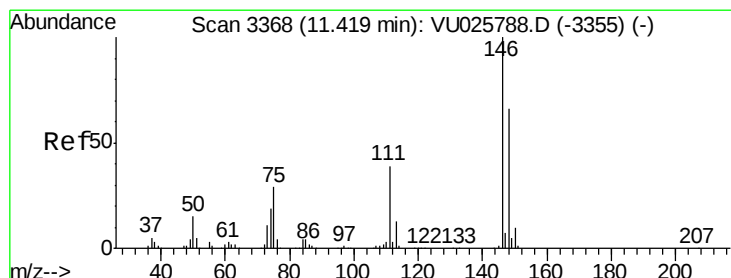
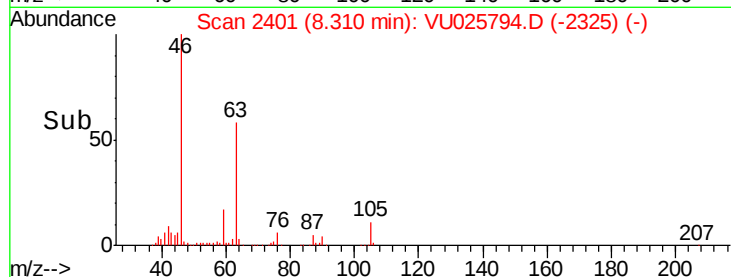
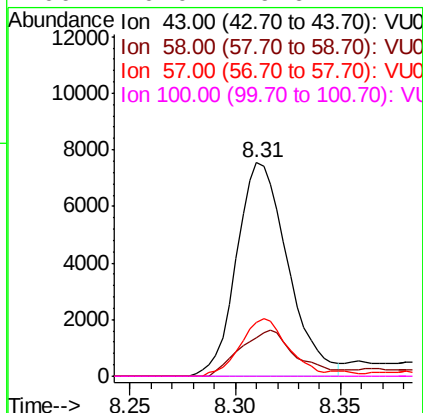
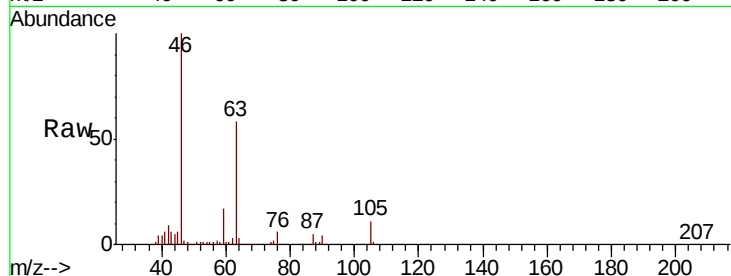




#48
2-Hexanone
Concen: 4.66 ug/L
RT: 8.31 min Scan# 2401
Delta R.T. -0.05 min
Lab File: VU025794.D
Acq: 02 Aug 2018 13:13

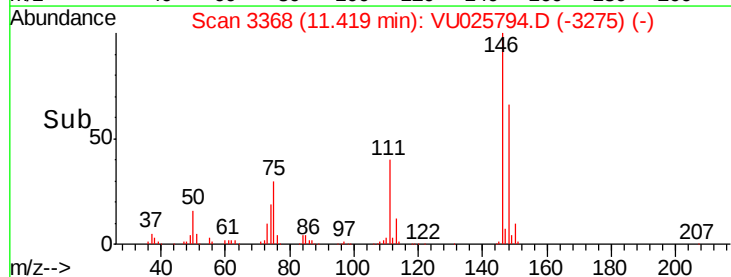
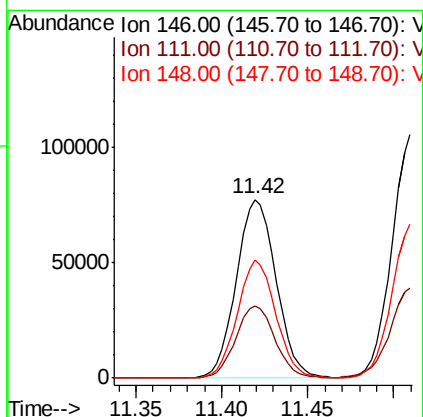
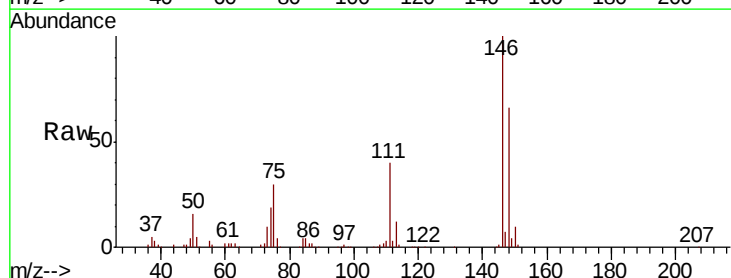
Instrument :
MSVOA_U
ClientSampleId :
C0AB9MEDL

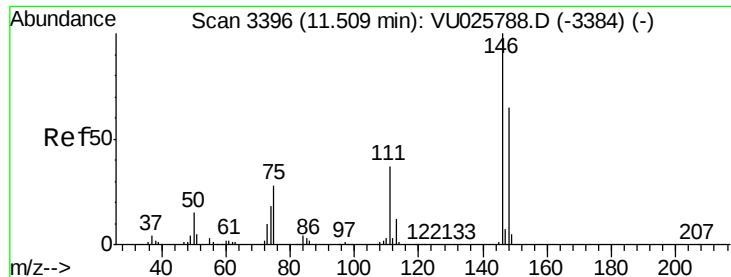
Tot Ion: 43 Resp: 12746
Ion Ratio Lower Upper
43 100
58 23.9 42.9 64.3#
57 25.0 15.4 23.2#
100 0.0 9.6 14.4#



#62
1,3-Dichlorobenzene
Concen: 23.09 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU025794.D
Acq: 02 Aug 2018 13:13

Tgt Ion: 146 Resp: 124521
Ion Ratio Lower Upper
146 100
111 40.5 27.7 51.5
148 65.7 45.5 84.5

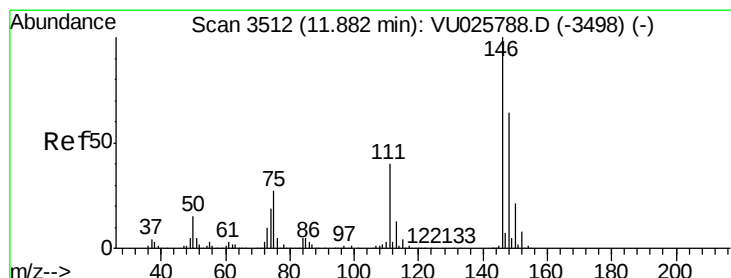
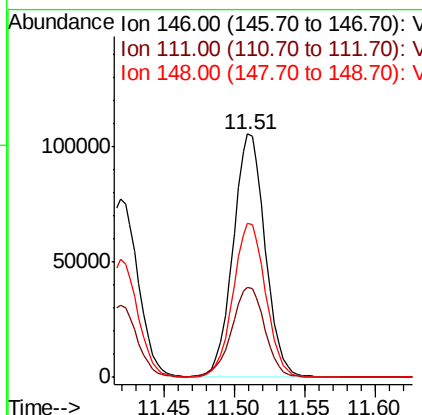
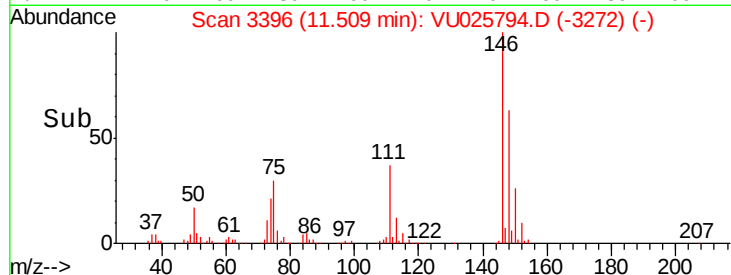
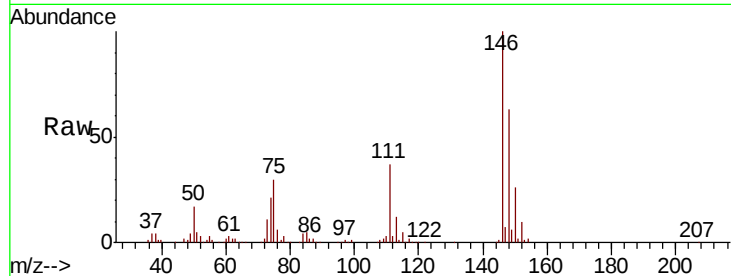




#63
 1,4-Dichlorobenzene
 Concen: 30.59 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025794.D
 Acq: 02 Aug 2018 13:13

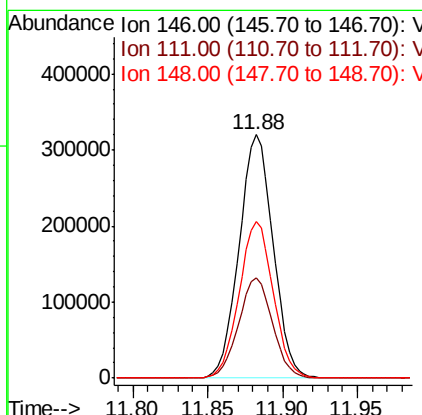
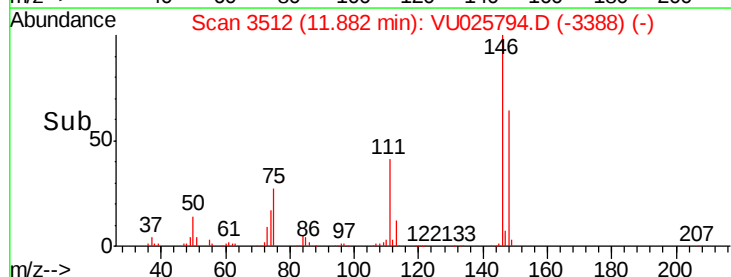
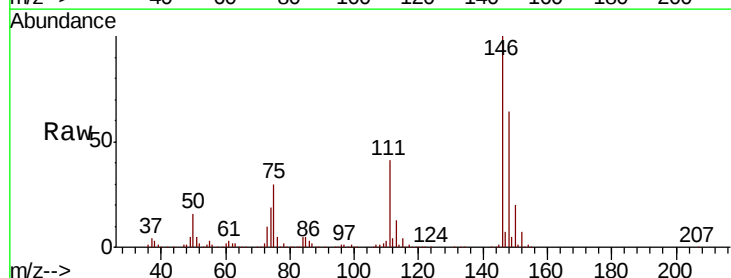
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB9MEDL

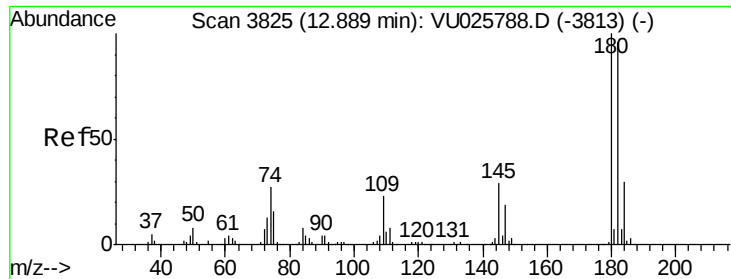
Tot Ion:146 Resp: 168379
 Ion Ratio Lower Upper
 146 100
 111 37.1 26.9 49.9
 148 63.3 44.6 82.8



#65
 1,2-Dichlorobenzene
 Concen: 89.76 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025794.D
 Acq: 02 Aug 2018 13:13

Tgt Ion:146 Resp: 507016
 Ion Ratio Lower Upper
 146 100
 111 40.9 32.4 48.6
 148 64.2 50.7 76.1

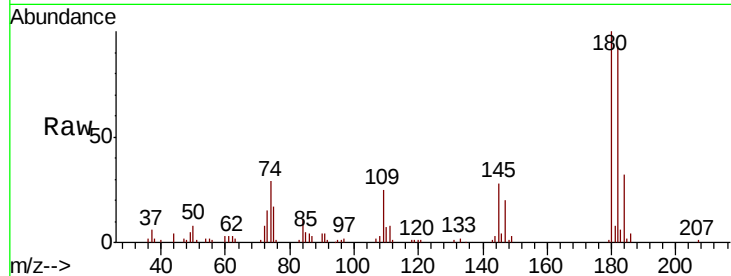




#67
 1,3,5-Trichlorobenzene
 Concen: 9.03 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU025794.D
 Acq: 02 Aug 2018 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB9MEDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.3	115.9
184	30.9	24.6	36.8
145	28.8	23.0	34.6



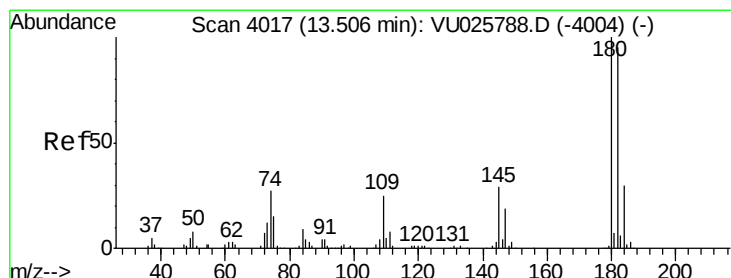
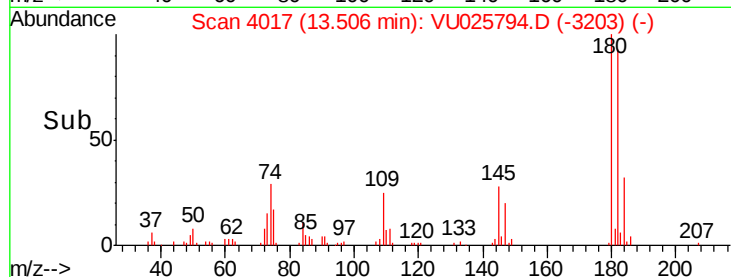
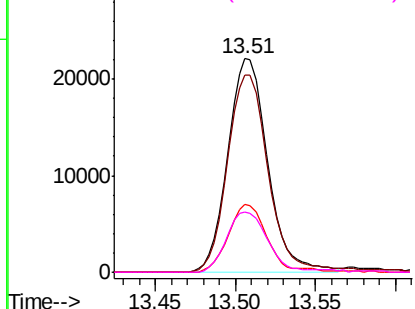
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

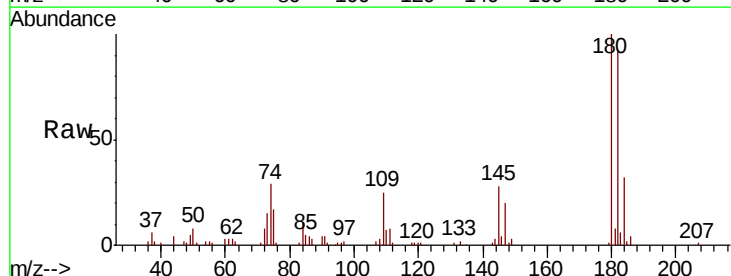
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 10.74 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025794.D
 Acq: 02 Aug 2018 13:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.1	117.1
145	28.8	23.4	35.2

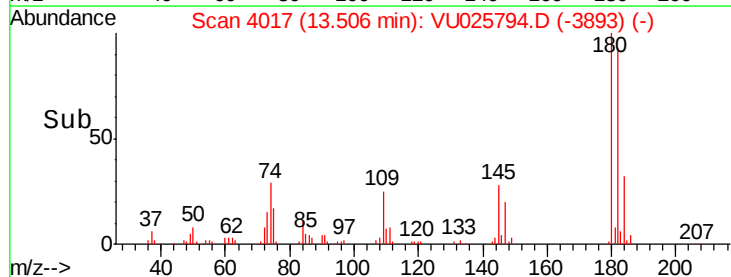
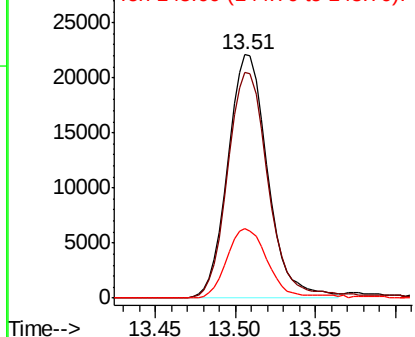


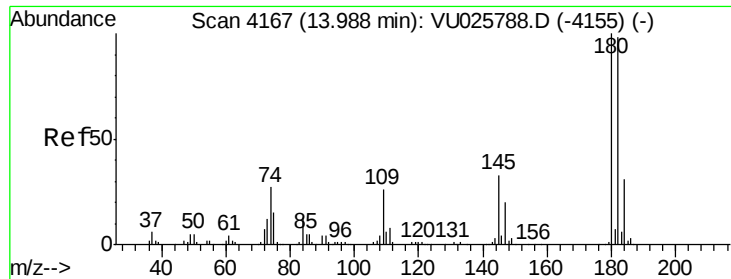
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 4.09 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025794.D
 Acq: 02 Aug 2018 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	102.2	76.6	114.8	
145	32.7	25.4	38.2	

