

Data File : VU027814.D
Acq On : 25 Oct 2018 21:35
Operator : MD/SY
Sample : J5635-23ME 20X
Misc : 4.77g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40F9ME

Quant Time: Oct 26 02:31:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 02:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	99473	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	95827	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26686	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.96%
7) Chloroethane-d5	1.68	69	21009	35.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.52%
11) 1,1-Dichloroethene-d2	2.27	63	40048	28.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.46%#
21) 2-Butanone-d5	4.18	46	52322	79.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.33%
24) Chloroform-d	4.65	84	53250	38.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.54%
26) 1,2-Dichloroethane-d4	5.31	65	40413	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.90%
32) Benzene-d6	5.34	84	100575	36.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.70%
36) 1,2-Dichloropropane-d6	6.33	67	37233	38.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.42%
41) Toluene-d8	7.57	98	93850	37.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.56%#
43) trans-1,3-Dichloropropene-	7.85	79	17437	36.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.70%
47) 2-Hexanone-d5	8.31	63	36896	74.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47500	37.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	37610	37.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.74%#

Target Compounds

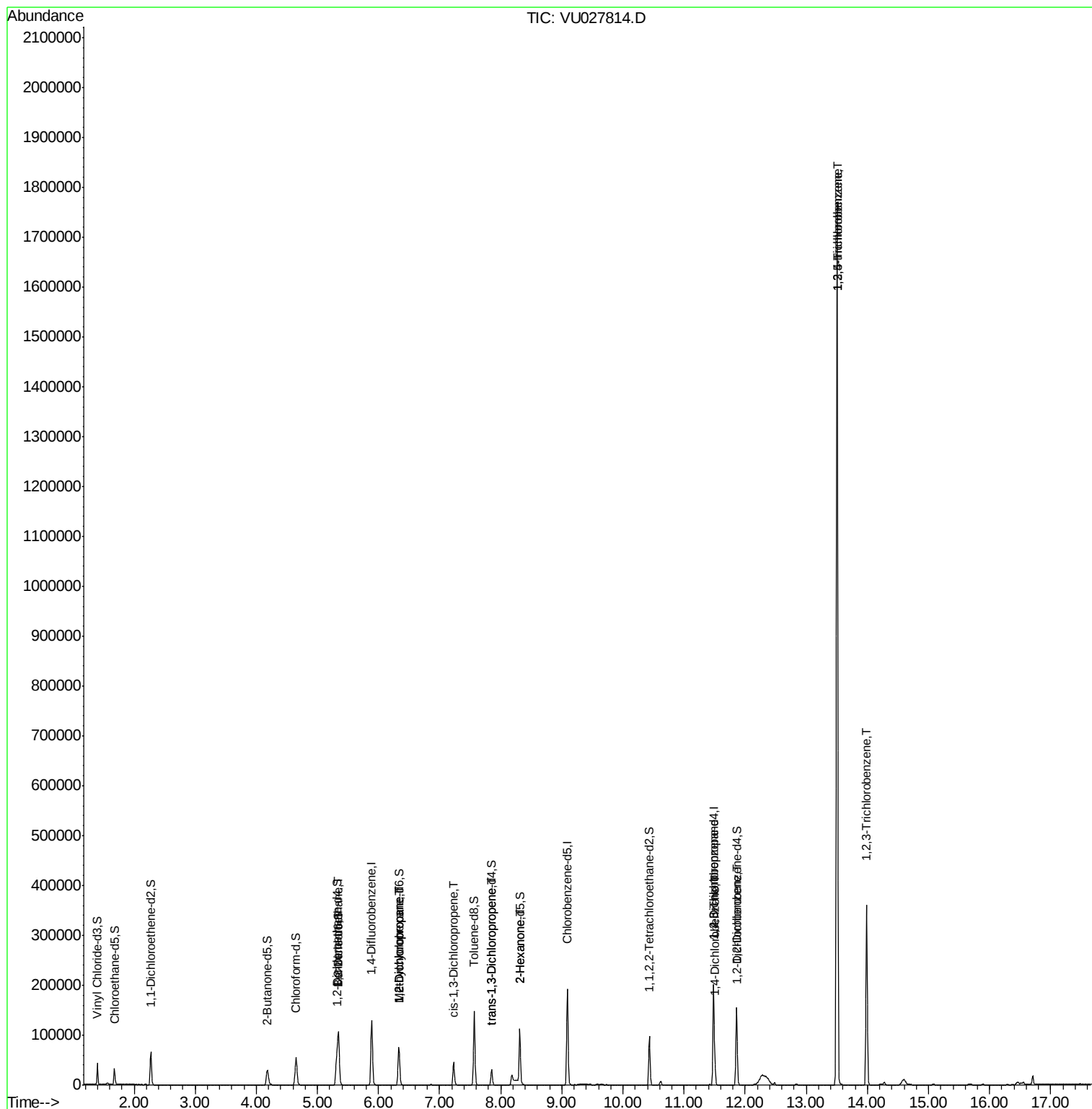
						Qvalue
27) 1,2-Dichloroethane	5.34	62	678	0.605	ug/L #	78
35) Methylcyclohexane	6.33	83	8073	6.541	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4052	4.811	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	982	0.757	ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	764	0.623	ug/L	97
48) 2-Hexanone	8.31	43	4694	4.471	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	7007	7.039	ug/L	93
63) 1,4-Dichlorobenzene	11.51	146	10305	6.951	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	1333	0.891	ug/L #	90
67) 1,3,5-Trichlorobenzene	13.50	180	507717	451.496	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	507717	508.580	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	105798	101.401	ug/L	98

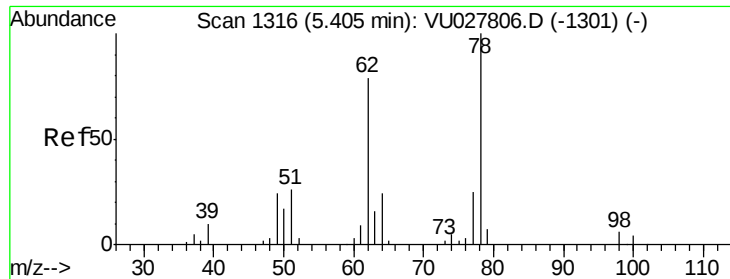
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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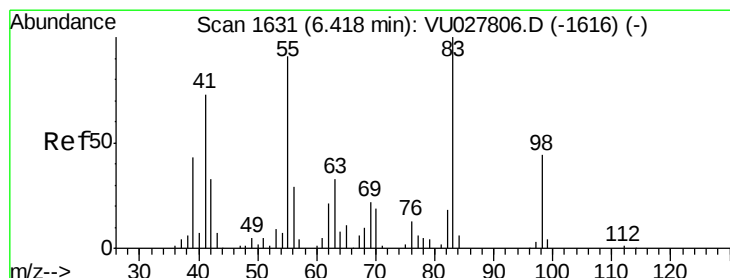
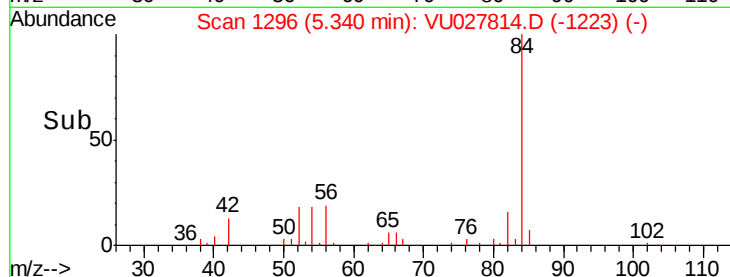
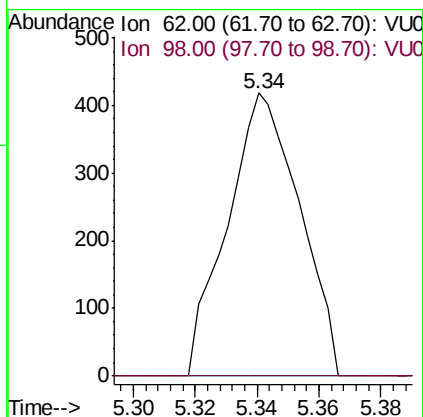
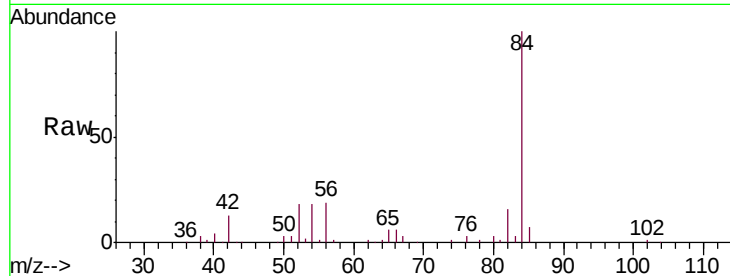




#27
 1,2-Dichloroethane
 Concen: 0.605 ug/L
 RT: 5.34 min Scan# 1296
 Delta R.T. -0.06 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

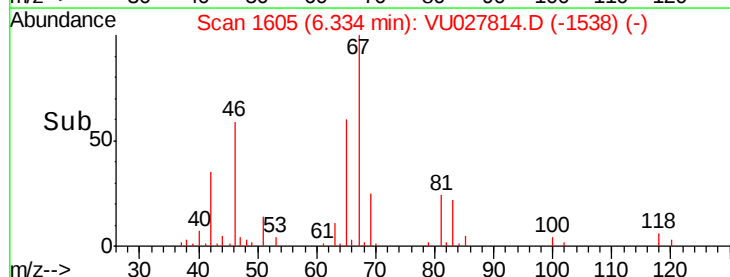
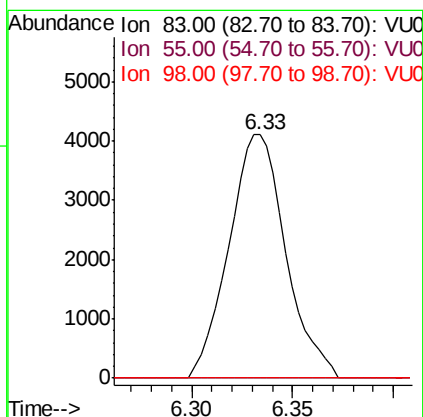
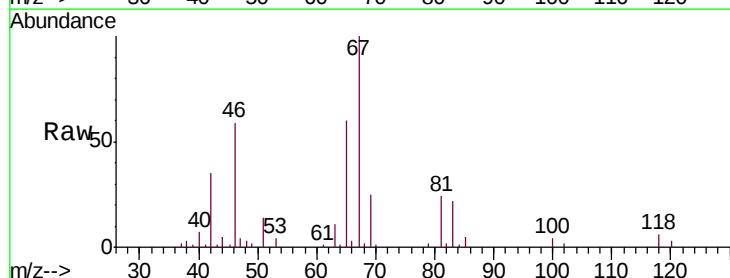
Instrument :
 MSVOA_U
 ClientSampleId :
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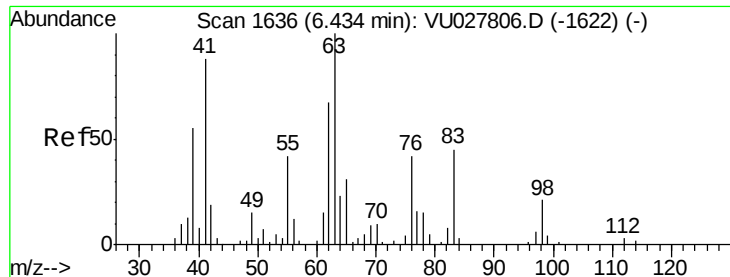
Tgt Ion: 62 Resp: 678
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 6.541 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.08 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

Tgt Ion: 83 Resp: 8073
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.9 107.9#
 98 0.0 34.6 52.0#

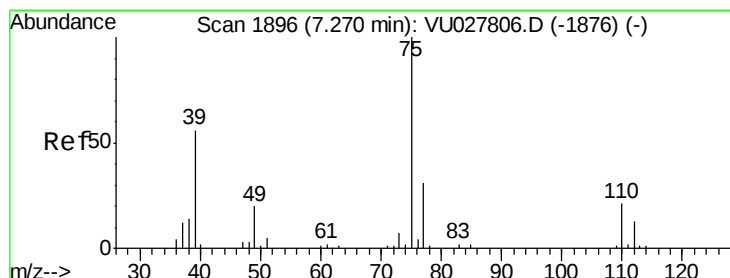
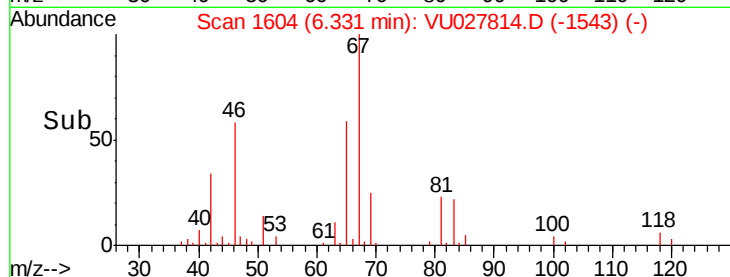
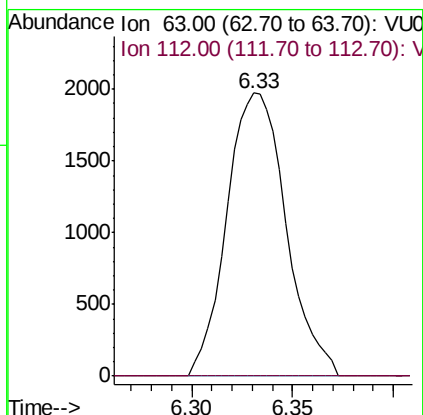
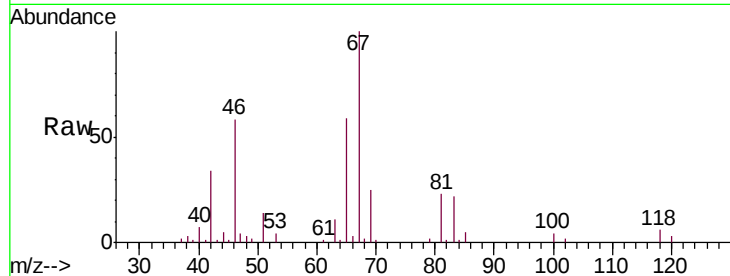




#37
 1,2-Dichloropropane
 Concen: 4.811 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

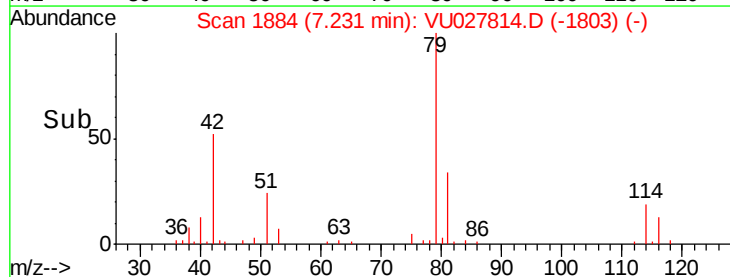
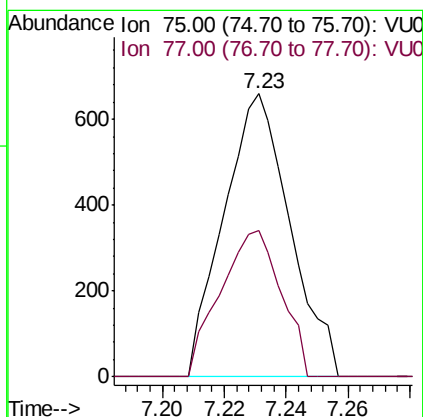
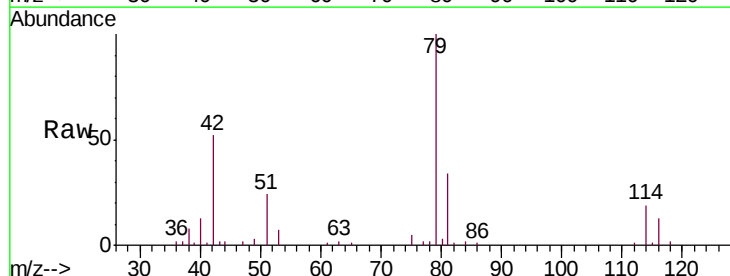
Instrument :
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 ClientSampleId :
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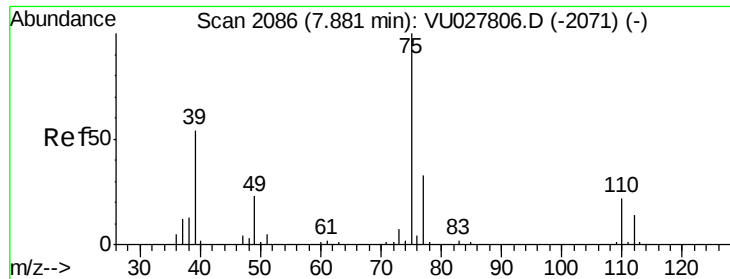
Tgt Ion: 63 Resp: 4052
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.757 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

Tgt Ion: 75 Resp: 982
 Ion Ratio Lower Upper
 75 100
 77 51.6 22.5 41.7#

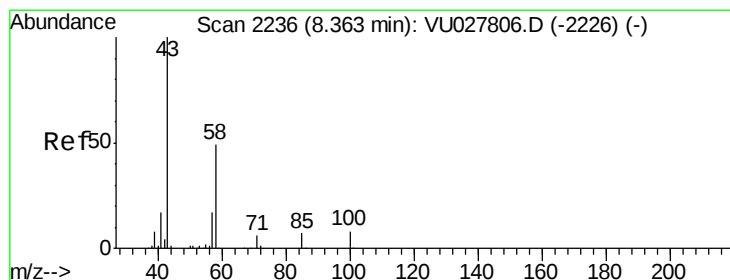
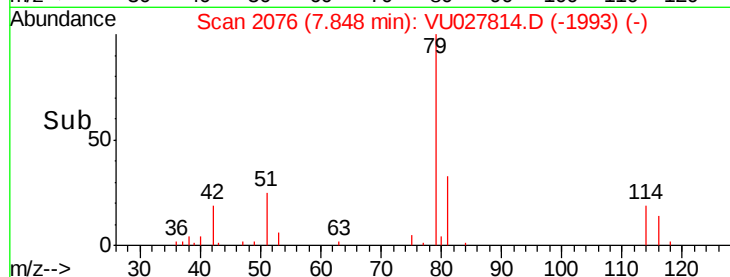
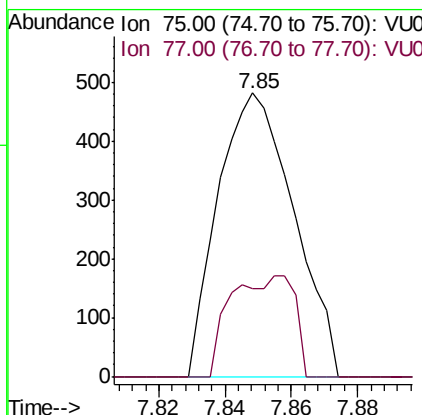
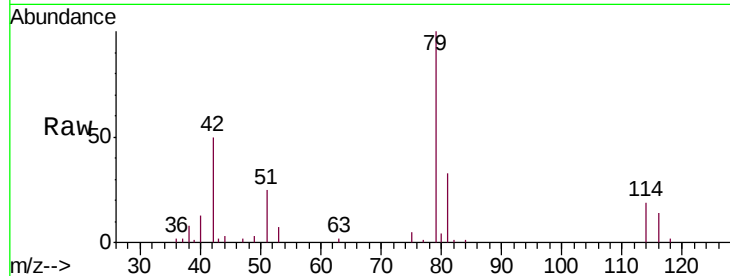




#44
trans-1,3-Dichloropropene
Concen: 0.623 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU027814.D
Acq: 25 Oct 2018 21:35

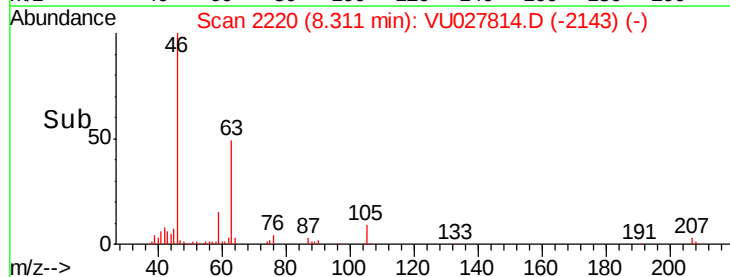
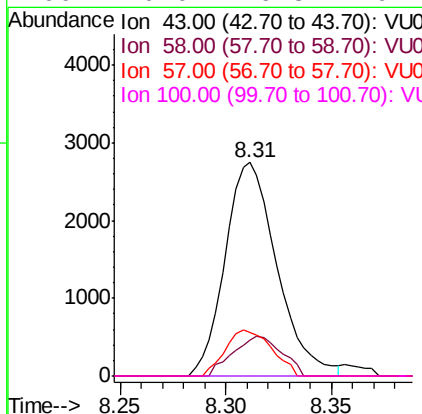
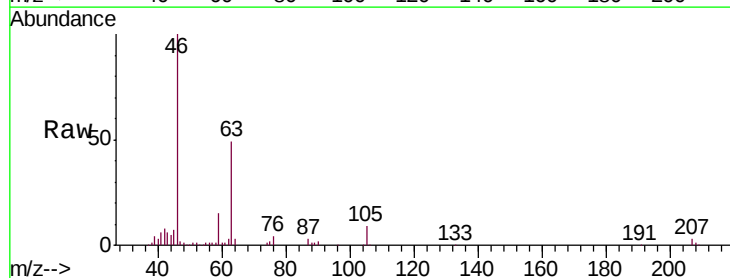
Instrument :
MSVOA_U
ClientSampled :
A40F9ME

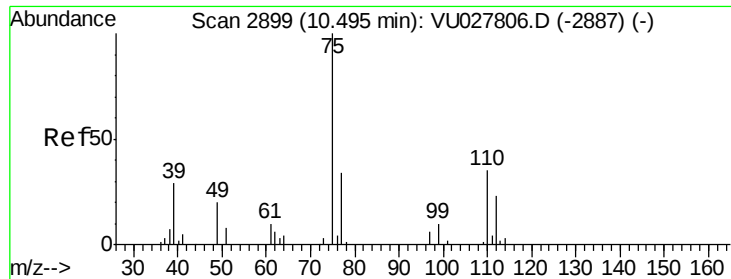
Tgt Ion: 75 Resp: 764
Ion Ratio Lower Upper
75 100
77 31.1 22.8 42.4



#48
2-Hexanone
Concen: 4.471 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027814.D
Acq: 25 Oct 2018 21:35

Tgt Ion: 43 Resp: 4694
Ion Ratio Lower Upper
43 100
58 17.3 38.8 58.2#
57 19.3 13.1 19.7
100 0.0 6.8 10.2#

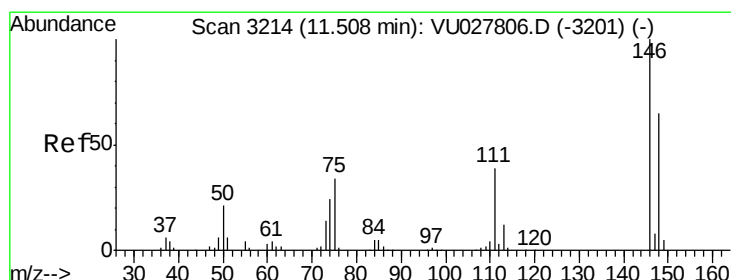
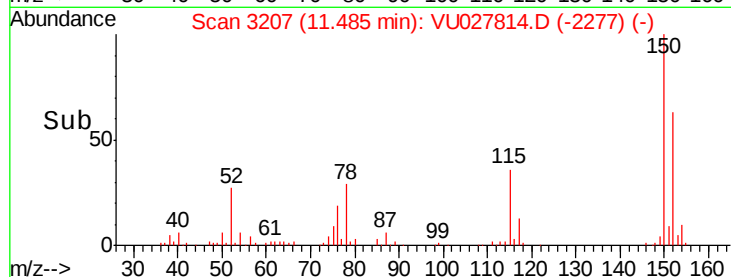
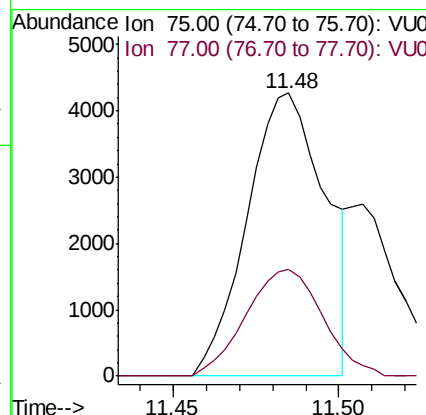
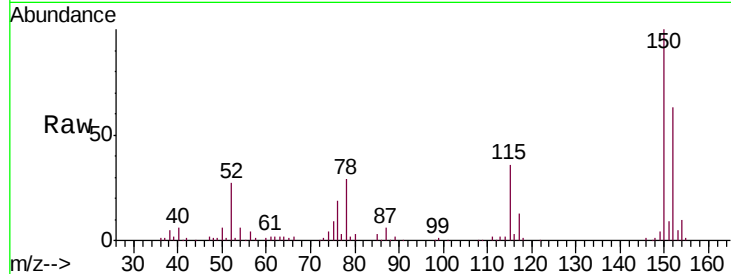




#59
 1,2,3-Trichloropropane
 Concen: 7.039 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

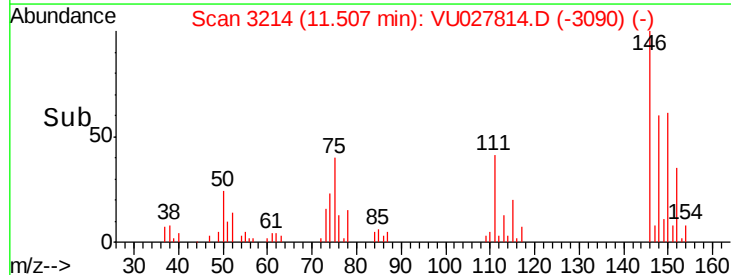
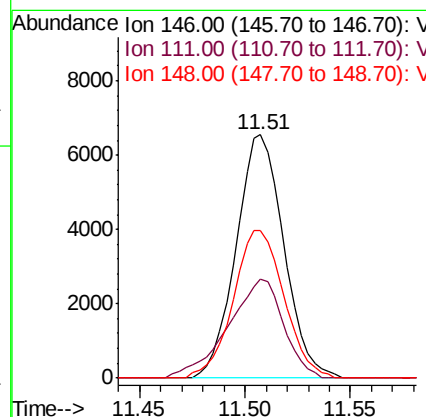
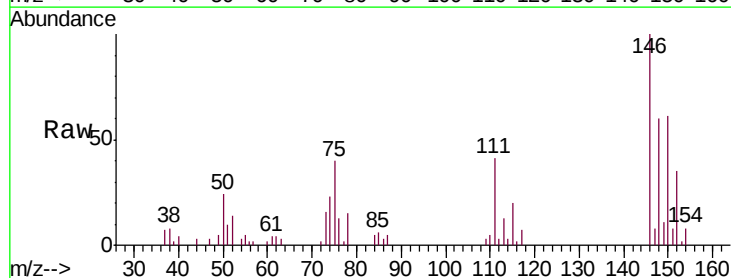
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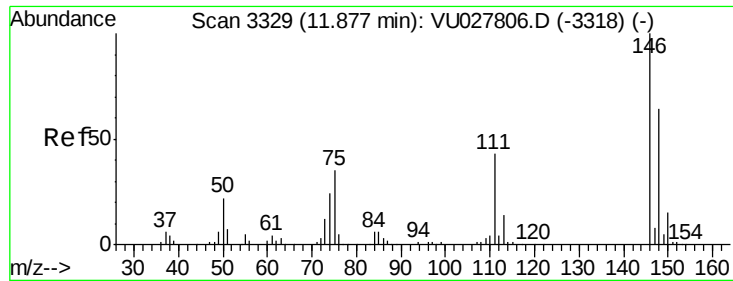
Tgt Ion: 75 Resp: 7007
 Ion Ratio Lower Upper
 75 100
 77 37.1 26.5 39.7



#63
 1,4-Dichlorobenzene
 Concen: 6.951 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

Tgt Ion: 146 Resp: 10305
 Ion Ratio Lower Upper
 146 100
 111 40.5 27.5 51.1
 148 60.5 44.1 81.9

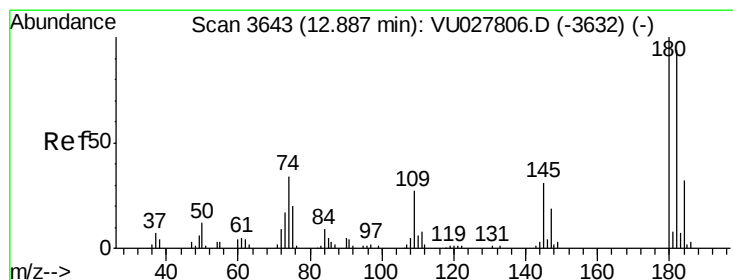
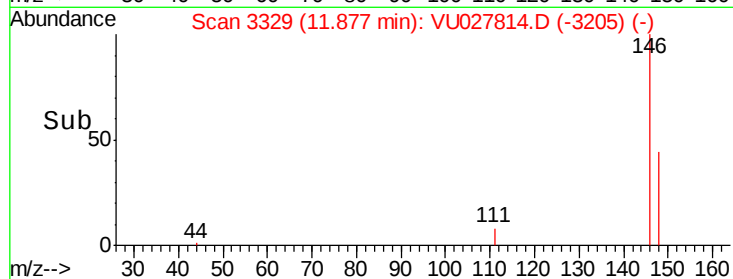
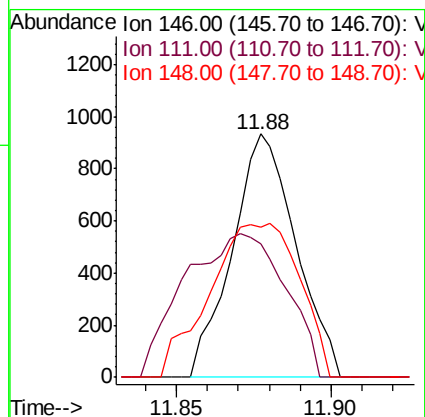
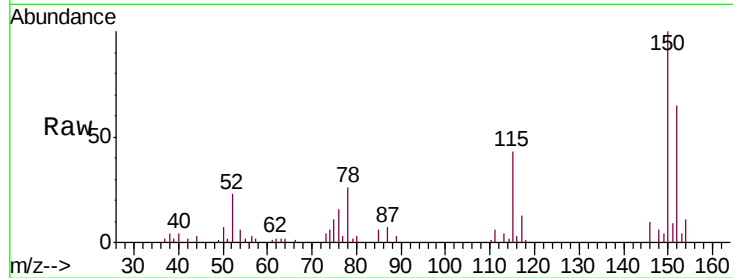




#65
 1,2-Dichlorobenzene
 Concen: 0.891 ug/L
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

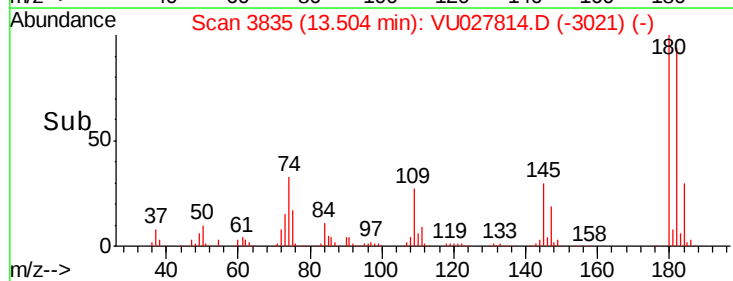
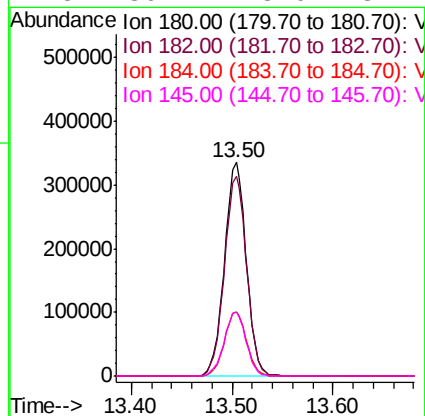
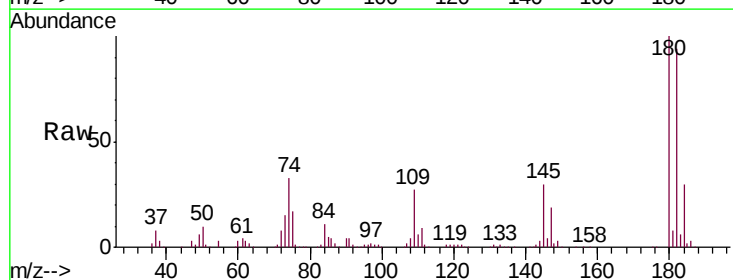
Instrument :
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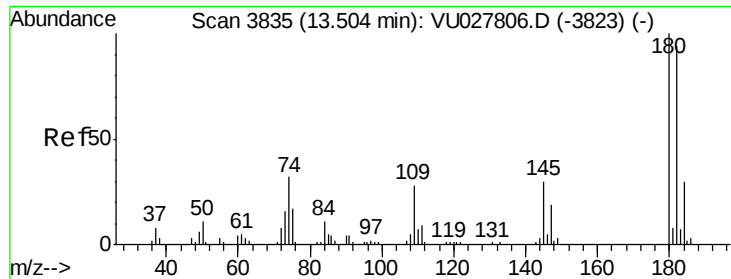
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 Ion Ratio Lower Upper
 146 100
 111 54.6 33.8 50.8#
 148 61.8 51.5 77.3



#67
 1,3,5-Trichlorobenzene
 Concen: 451.496 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.62 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

Tgt Ion:180 Resp: 507717
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.9 113.9
 184 30.5 24.7 37.1
 145 30.1 23.0 34.4

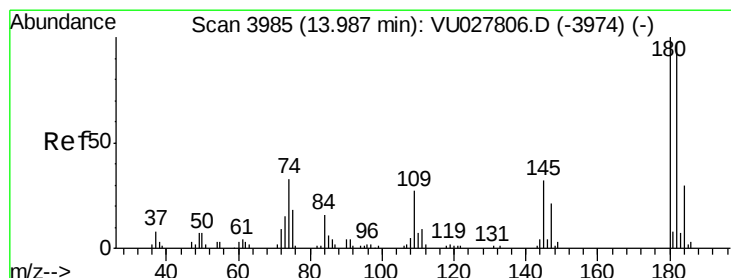
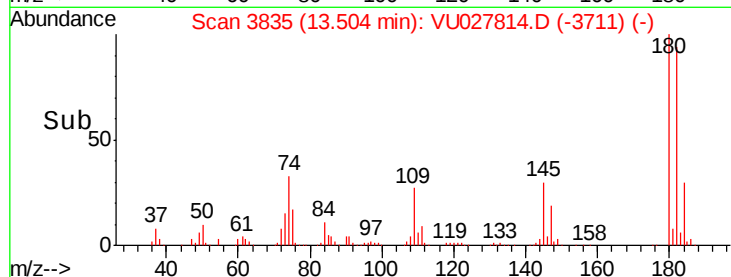
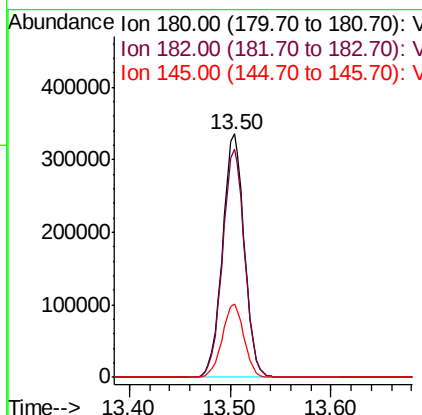
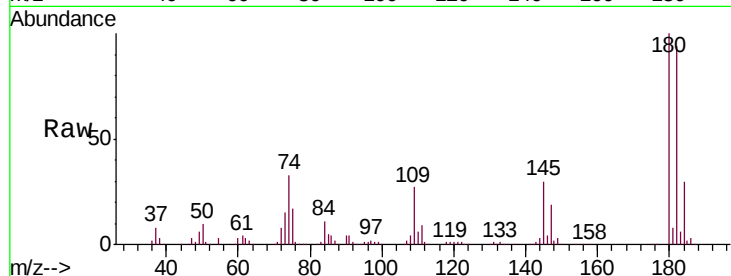




#68
 1,2,4-trichlorobenzene
 Concen: 508.580 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 A40F9ME

Tgt Ion:180 Resp: 507717
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.1 115.7
 145 30.1 23.4 35.0



#70
 1,2,3-Trichlorobenzene
 Concen: 101.401 ug/L
 RT: 13.99 min Scan# 3985
 Delta R.T. -0.00 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

Tgt Ion:180 Resp: 105798
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.8 116.6
 145 30.8 25.0 37.4

