

Data File : VU028827.D
Acq On : 20 Dec 2018 16:18
Operator : MD/SY
Sample : J6419-17ME
Misc : 5.96g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF045ME

Quant Time: Dec 21 03:57:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	228952	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	222732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106917	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68469	37.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.60%
7) Chloroethane-d5	1.64	69	39104	27.58	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.16%#
11) 1,1-Dichloroethene-d2	2.23	63	88667	28.73	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.46%#
21) 2-Butanone-d5	4.19	46	115291	89.65	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.65%
24) Chloroform-d	4.64	84	114534	39.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.36%
26) 1,2-Dichloroethane-d4	5.30	65	74212	41.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.42%
32) Benzene-d6	5.33	84	253655	40.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.62%
36) 1,2-Dichloropropane-d6	6.33	67	90217	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.40%
41) Toluene-d8	7.56	98	226004	39.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.26%#
43) trans-1,3-Dichloropropene-	7.85	79	40476	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.52%
47) 2-Hexanone-d5	8.32	63	100386	98.88	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	136053	45.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	92481	42.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.54%

Target Compounds

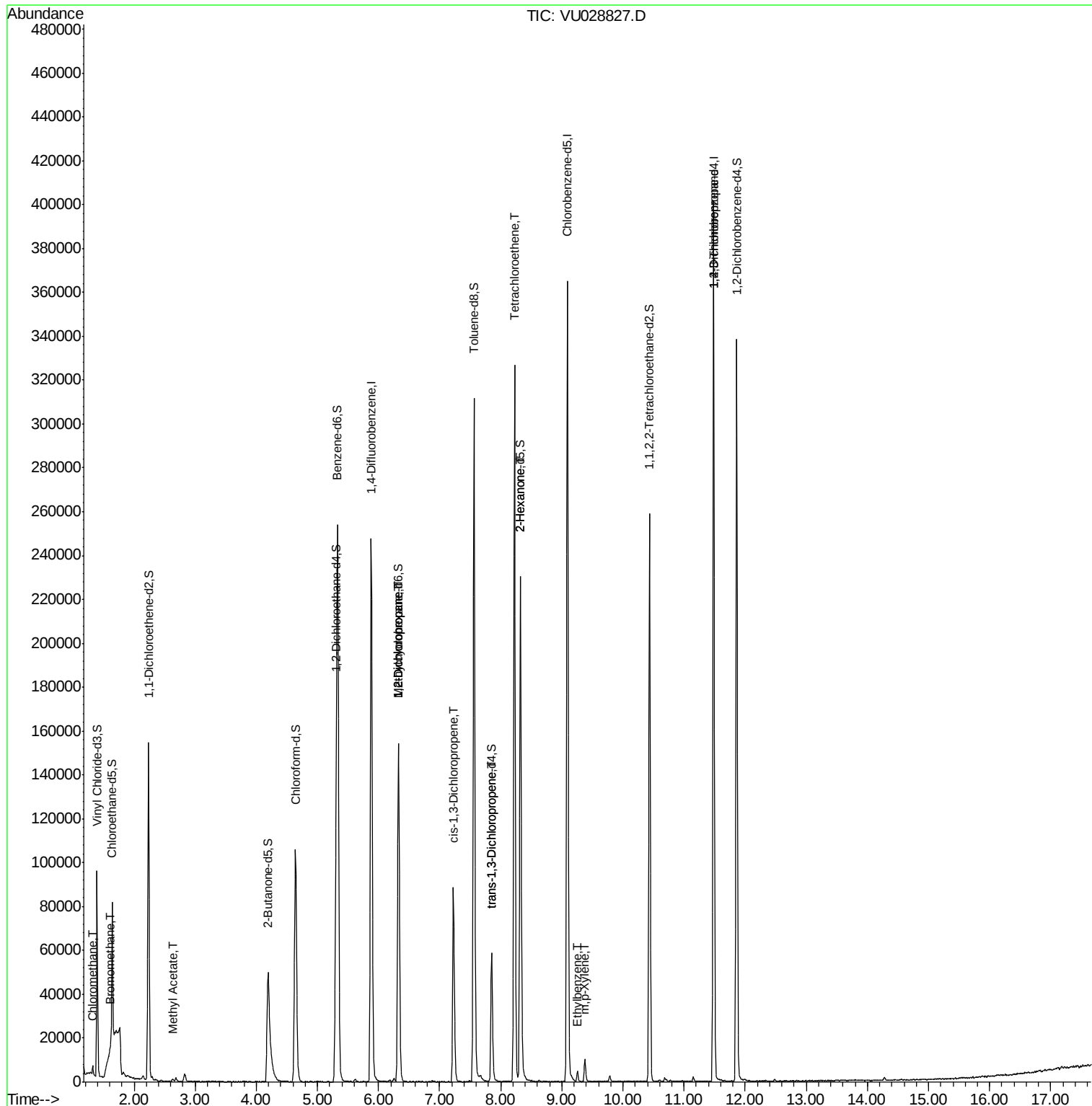
					Qvalue
3) Chloromethane	1.32	50	3023	1.191 ug/L	92
6) Bromomethane	1.60	94	614	0.643 ug/L	80
15) Methyl Acetate	2.63	43	1495	0.732 ug/L	95
35) Methylcyclohexane	6.33	83	18766	6.582 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8450	4.263 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1917	0.678 ug/L #	77
44) trans-1,3-Dichloropropene	7.85	75	1423	0.565 ug/L	99
46) Tetrachloroethene	8.22	164	76648	58.134 ug/L	99
48) 2-Hexanone	8.32	43	10149	4.641 ug/L #	64
52) Ethylbenzene	9.25	91	4407	0.571 ug/L	90
53) m,p-Xylene	9.38	106	3415	1.196 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	12665	5.354 ug/L	98

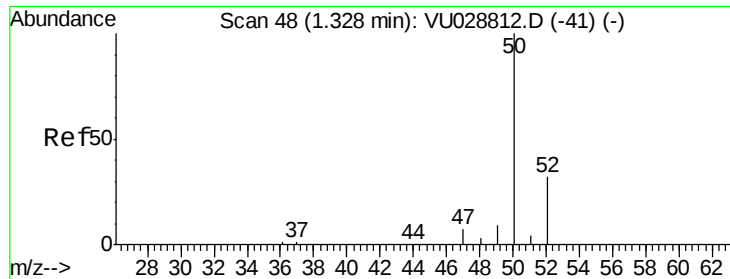
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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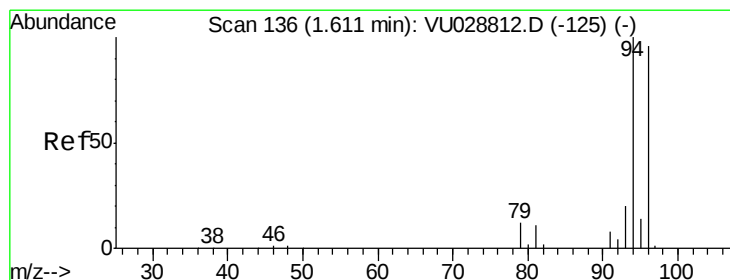
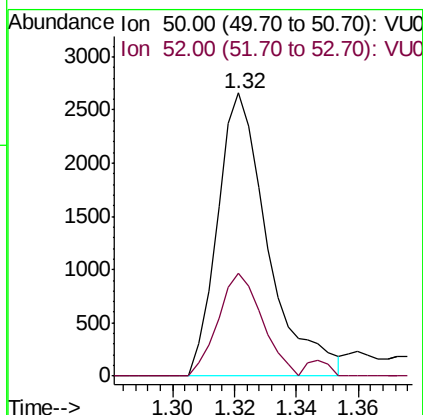
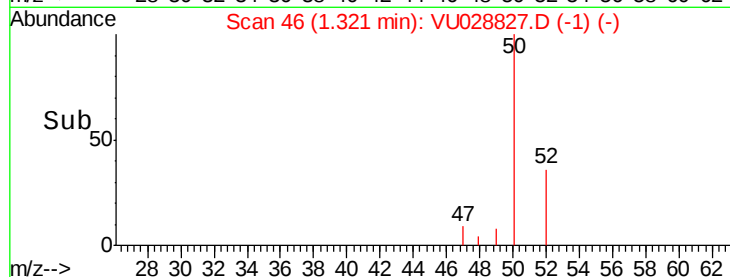
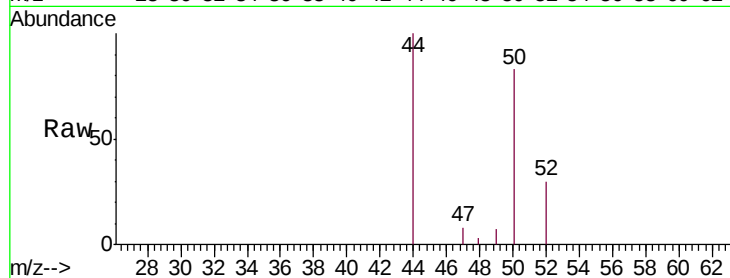




#3
Chloromethane
Concen: 1.191 ug/L
RT: 1.32 min Scan# 46
Delta R.T. -0.01 min
Lab File: VU028827.D
Acq: 20 Dec 2018 16:18

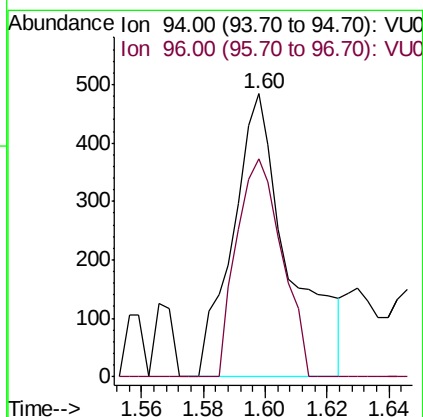
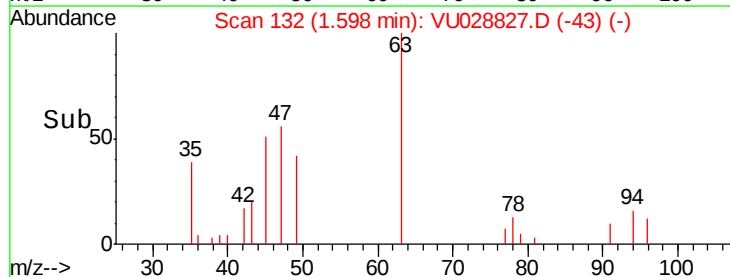
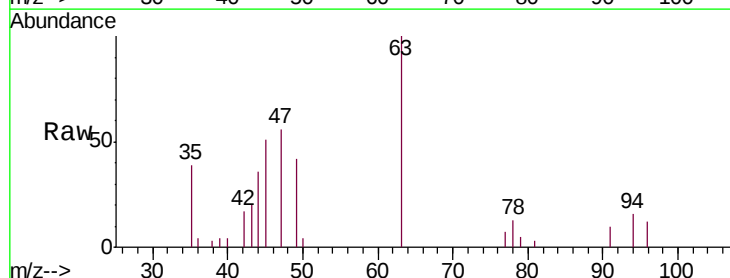
Instrument :
MSVOA_U
ClientSampleId :
BF045ME

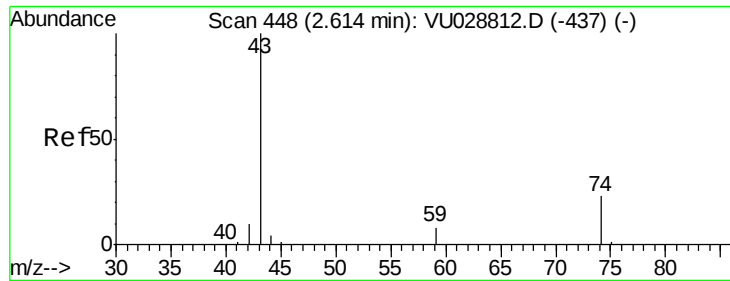
Tgt Ion: 50 Resp: 3023
Ion Ratio Lower Upper
50 100
52 36.1 22.3 41.3



#6
Bromomethane
Concen: 0.643 ug/L
RT: 1.60 min Scan# 132
Delta R.T. -0.01 min
Lab File: VU028827.D
Acq: 20 Dec 2018 16:18

Tgt Ion: 94 Resp: 614
Ion Ratio Lower Upper
94 100
96 76.9 67.3 125.1

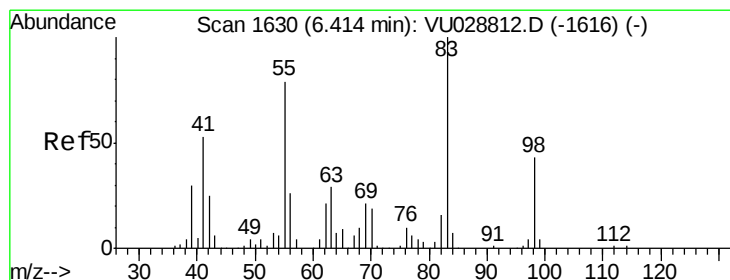
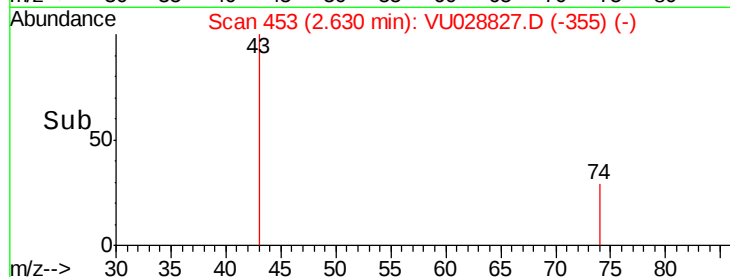
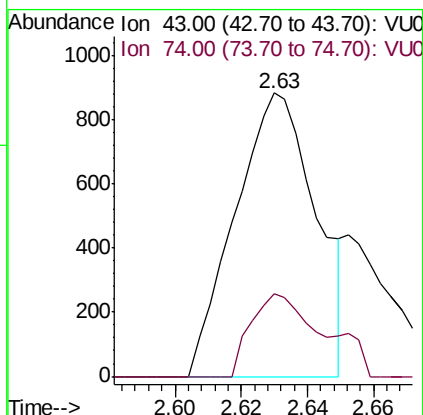
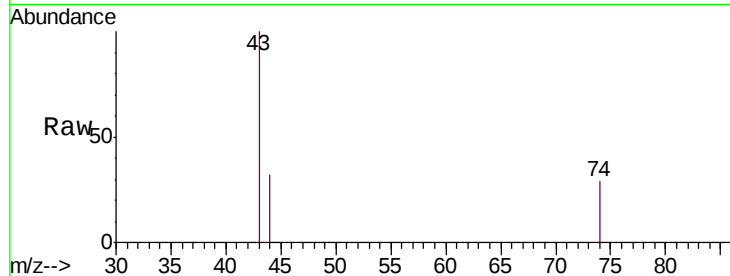




#15
Methyl Acetate
Concen: 0.732 ug/L
RT: 2.63 min Scan# 453
Delta R.T. 0.02 min
Lab File: VU028827.D
Acq: 20 Dec 2018 16:18

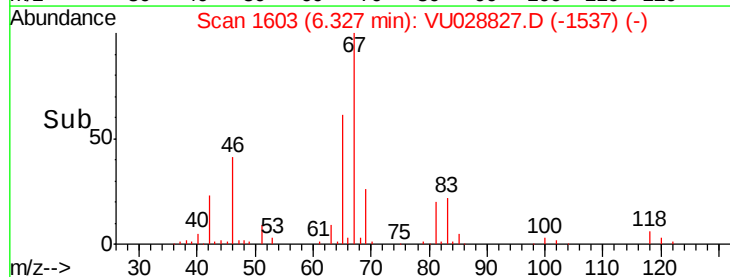
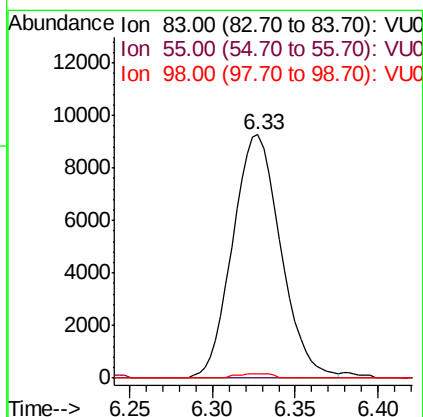
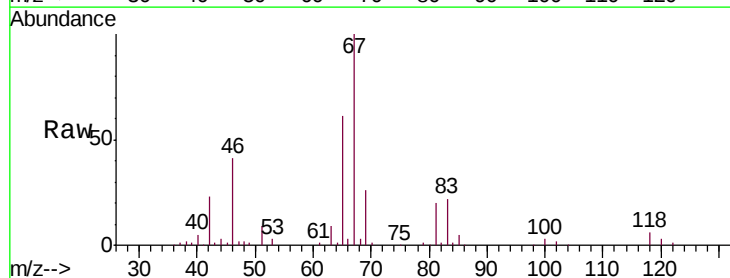
Instrument :
MSVOA_U
ClientSampleId :
BF045ME

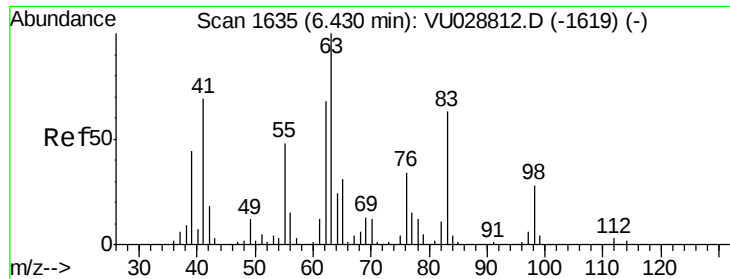
Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
74 21.4 19.0 28.4



#35
Methylcyclohexane
Concen: 6.582 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028827.D
Acq: 20 Dec 2018 16:18

Tgt Ion: 83 Resp: 18766
Ion Ratio Lower Upper
83 100
55 0.4 63.7 95.5#
98 0.0 35.6 53.4#

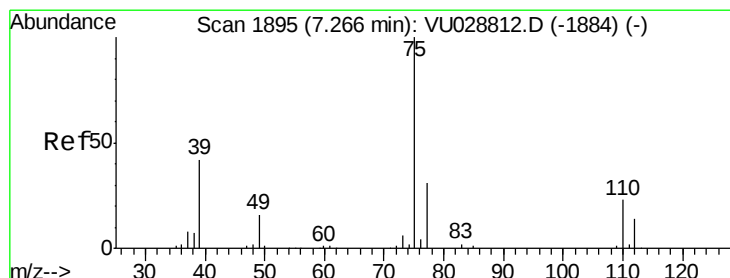
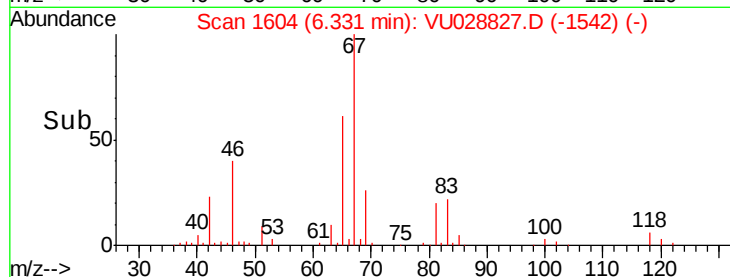
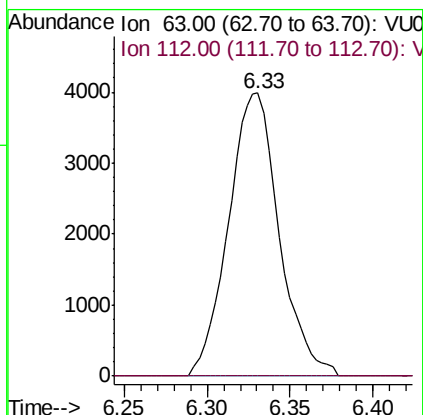
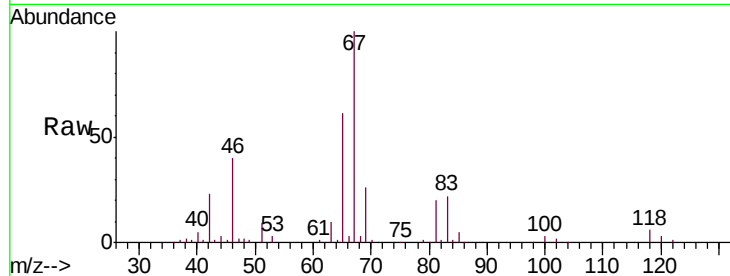




#37
 1,2-Dichloropropane
 Concen: 4.263 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028827.D
 Acq: 20 Dec 2018 16:18

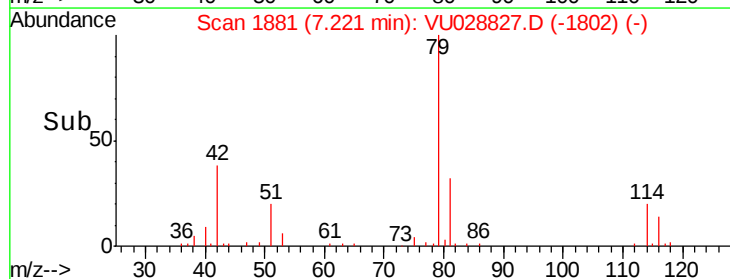
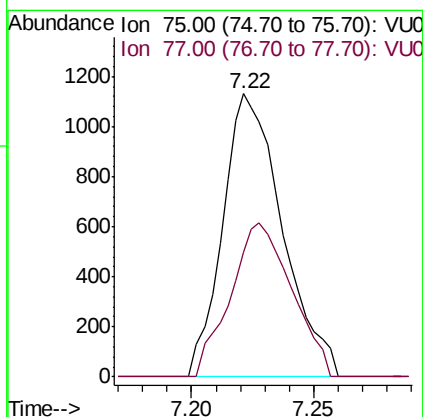
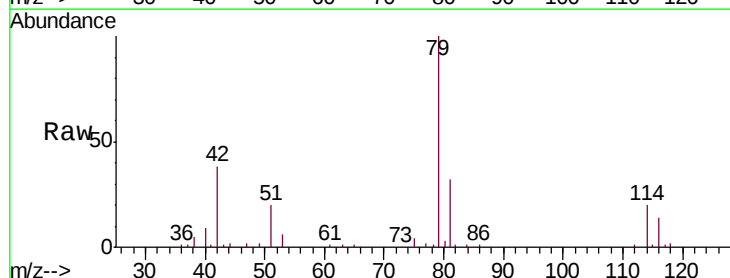
Instrument :
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 ClientSampleId :
 BF045ME

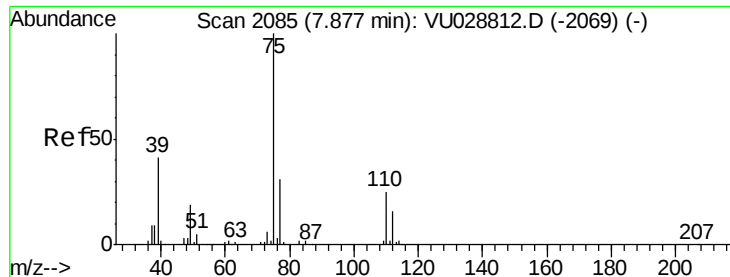
Tgt Ion: 63 Resp: 8450
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.678 ug/L
 RT: 7.22 min Scan# 1881
 Delta R.T. -0.05 min
 Lab File: VU028827.D
 Acq: 20 Dec 2018 16:18

Tgt Ion: 75 Resp: 1917
 Ion Ratio Lower Upper
 75 100
 77 43.9 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.565 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU028827.D

Acq: 20 Dec 2018 16:18

Instrument :

MSVOA_U

ClientSampleId :

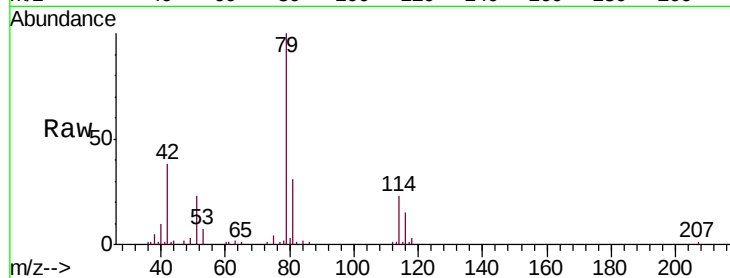
BF045ME

Tgt Ion: 75 Resp: 1423

Ion Ratio Lower Upper

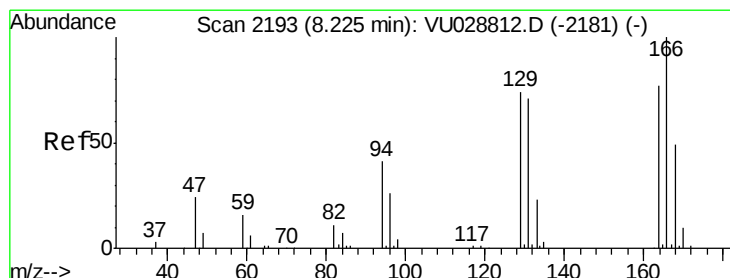
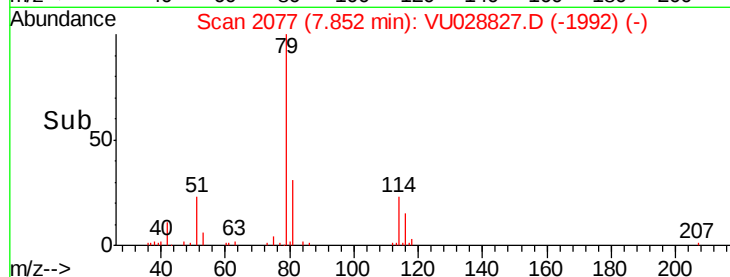
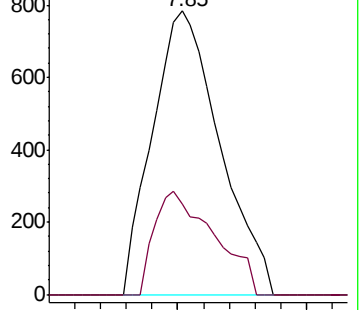
75 100

77 31.9 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU028827.D (-2100) (-)

Ion 77.00 (76.70 to 77.70): VU028827.D (-2100) (-)



#46

Tetrachloroethene

Concen: 58.134 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028827.D

Acq: 20 Dec 2018 16:18

Tgt Ion: 164 Resp: 76648

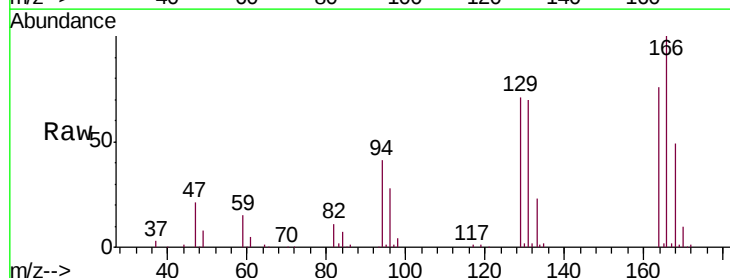
Ion Ratio Lower Upper

164 100

129 94.1 66.8 124.0

131 92.4 64.2 119.2

166 131.8 90.8 168.6

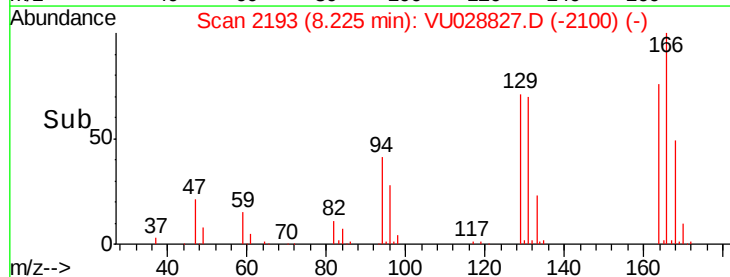
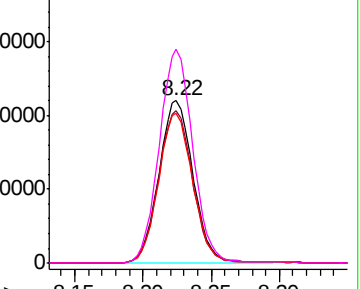


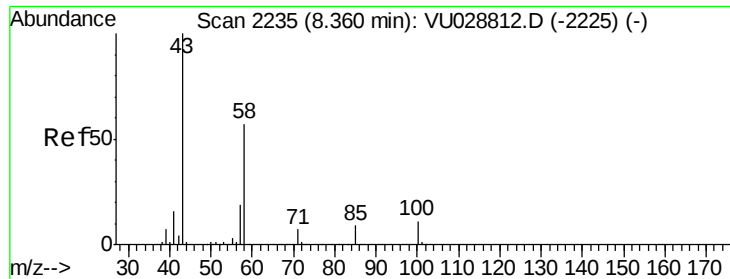
Abundance Ion 164.00 (163.70 to 164.70): VU028827.D (-2100) (-)

Ion 129.00 (128.70 to 129.70): VU028827.D (-2100) (-)

Ion 131.00 (130.70 to 131.70): VU028827.D (-2100) (-)

Ion 166.00 (165.70 to 166.70): VU028827.D (-2100) (-)

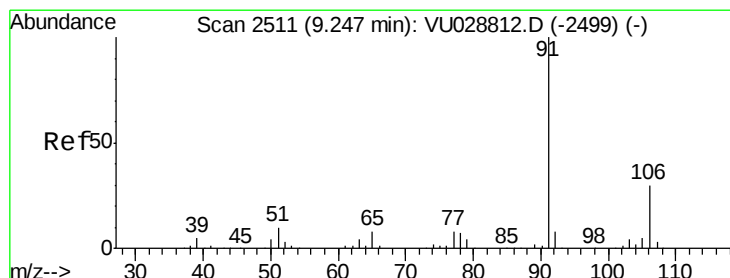
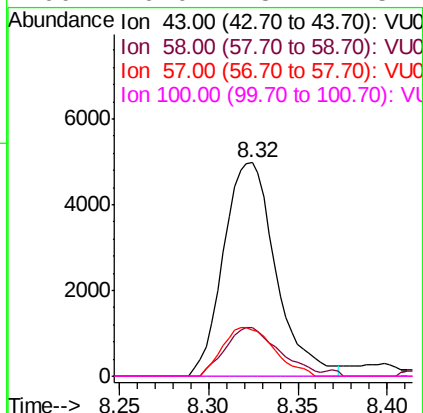
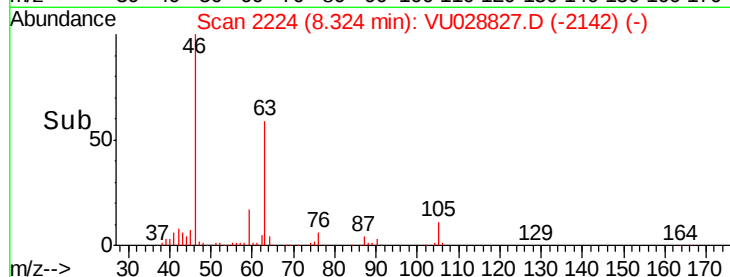
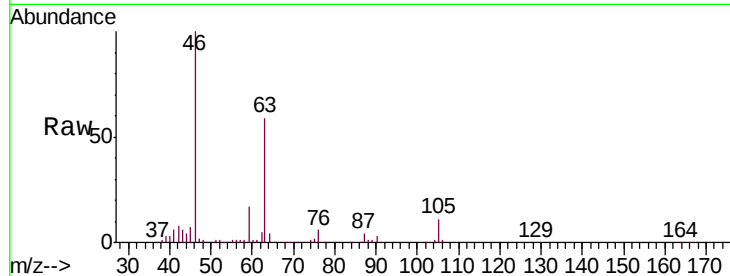




#48
2-Hexanone
Concen: 4.641 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028827.D
Acq: 20 Dec 2018 16:18

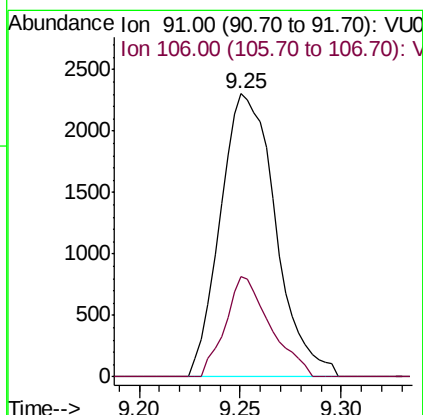
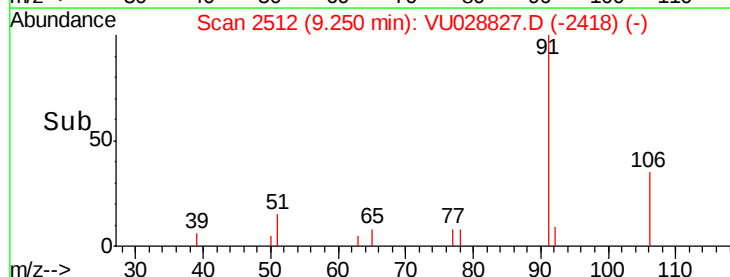
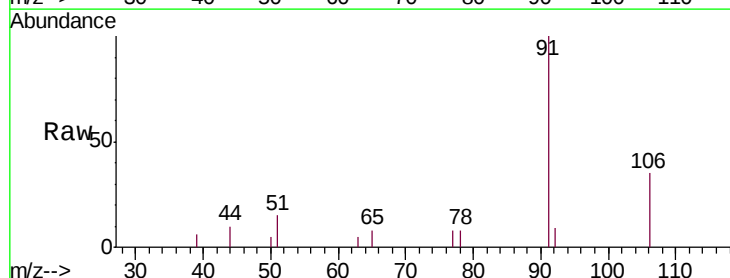
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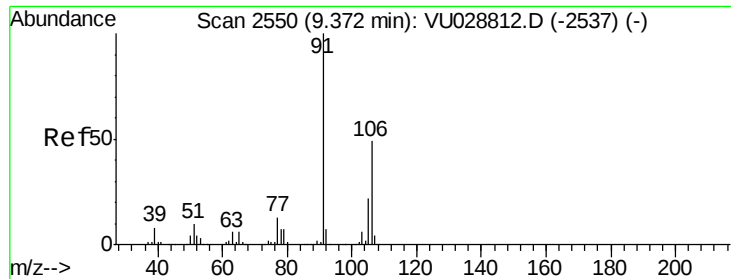
Tgt Ion: 43 Resp: 10149
Ion Ratio Lower Upper
43 100
58 23.5 45.9 68.9#
57 22.6 15.0 22.4#
100 0.0 8.7 13.1#



#52
Ethylbenzene
Concen: 0.571 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028827.D
Acq: 20 Dec 2018 16:18

Tgt Ion: 91 Resp: 4407
Ion Ratio Lower Upper
91 100
106 35.5 20.9 38.9

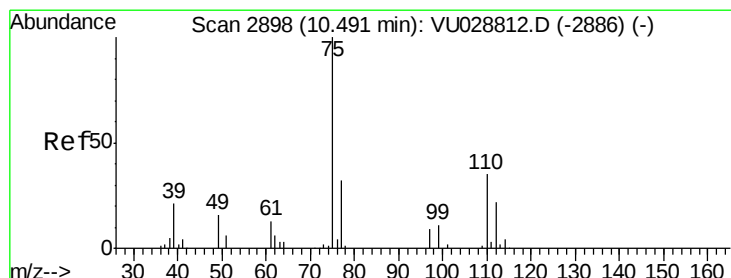
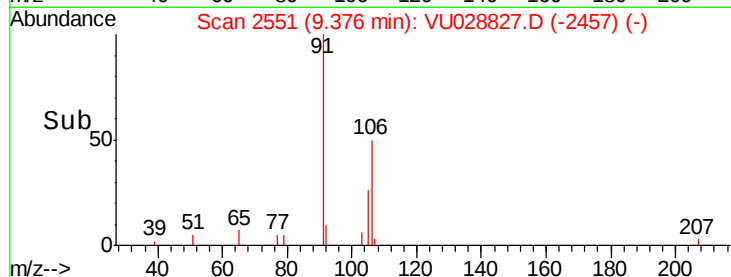
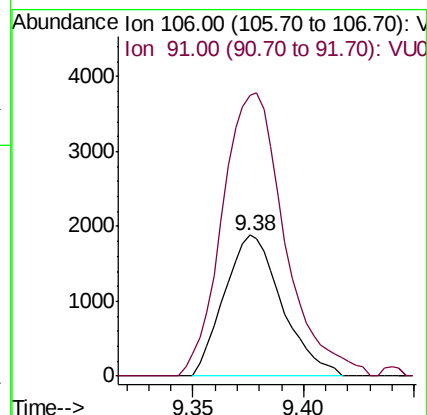
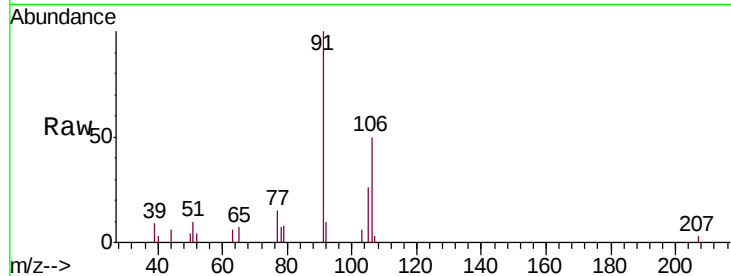




#53
m,p-Xylene
Concen: 1.196 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028827.D
Acq: 20 Dec 2018 16:18

Instrument :
MSVOA_U
ClientSampleId :
BF045ME

Tgt Ion: 106 Resp: 3415
Ion Ratio Lower Upper
106 100
91 199.4 144.1 267.5



#59
1,2,3-Trichloropropane
Concen: 5.354 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028827.D
Acq: 20 Dec 2018 16:18

Tgt Ion: 75 Resp: 12665
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3

