

Data File : VU034408.D
Acq On : 08 Sep 2019 03:05
Operator : JC/SP
Sample : K4703-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD90DL

Quant Time: Sep 08 03:50:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	259686	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	266359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	119040	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74353	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.68	69	69032	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.26	63	108822	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.17	46	222642	55.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.22%
24) Chloroform-d	4.63	84	161292	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.29	65	80434	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.32	84	322004	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.31	67	108180	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.55	98	273399	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.83	79	32465	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.30	63	171280	51.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.06%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	87433	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	114556	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

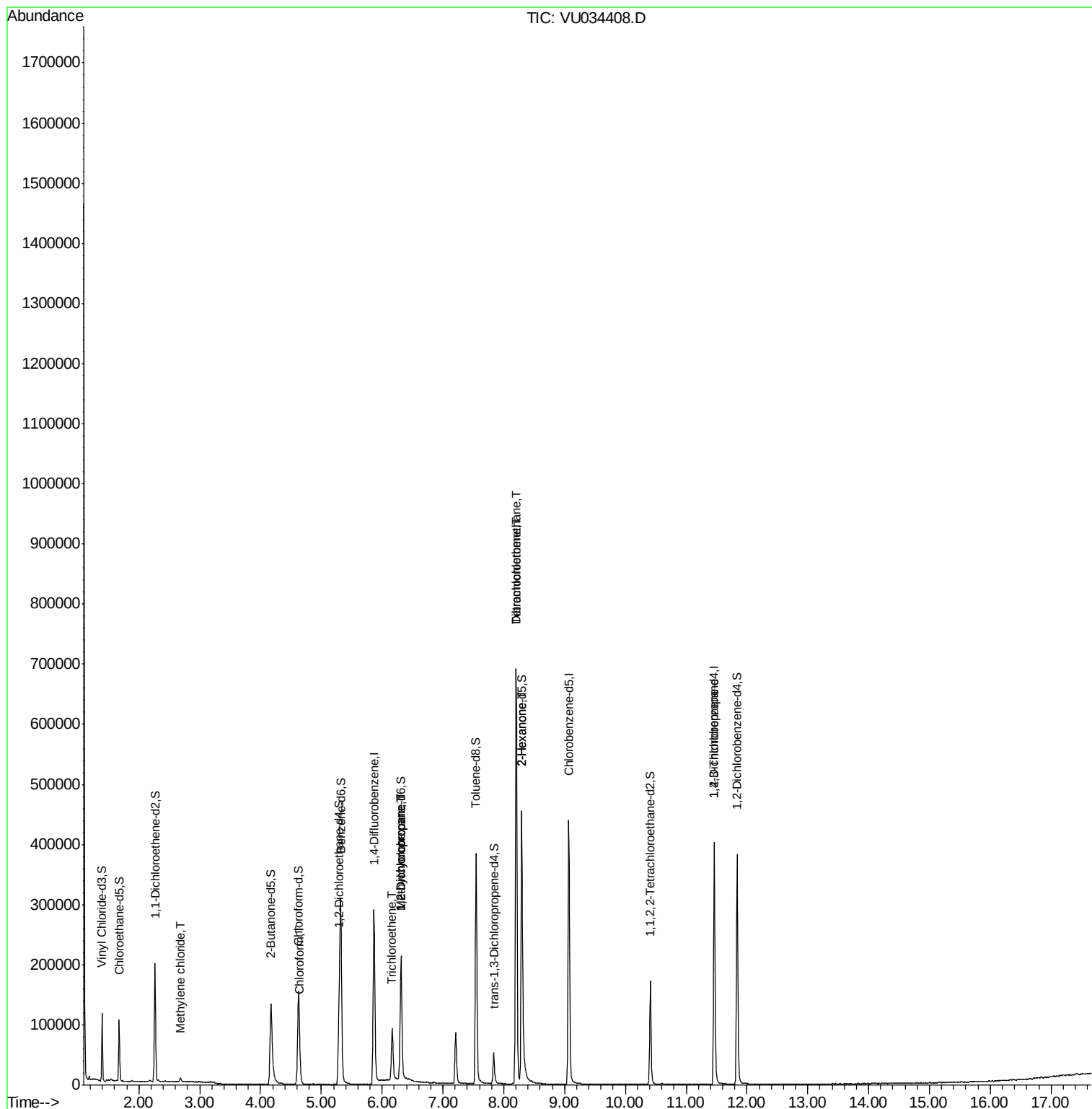
					Qvalue
16) Methylene chloride	2.68	84	2517	0.137 ug/L	82
25) Chloroform	4.66	83	6336	0.181 ug/L	92
34) Trichloroethene	6.16	95	29825	1.436 ug/L	97
35) Methylcyclohexane	6.31	83	24512	0.712 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	11108	0.535 ug/L #	89
47) Tetrachloroethene	8.21	164	169372	9.925 ug/L	96
48) 2-Hexanone	8.30	43	18622	2.322 ug/L #	68
49) Dibromochloromethane	8.21	129	157567	9.977 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	12697	1.068 ug/L	96

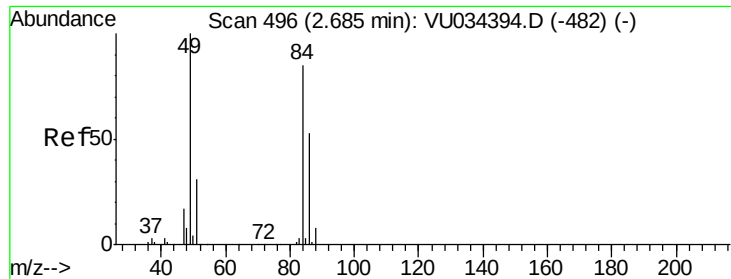
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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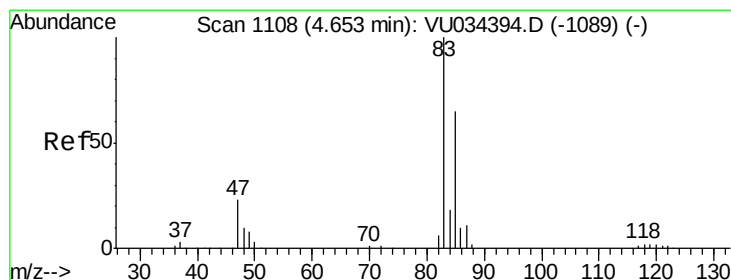
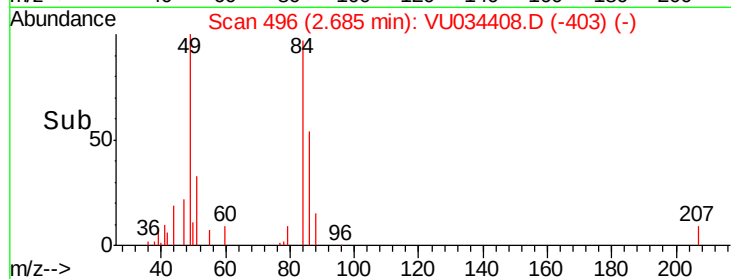
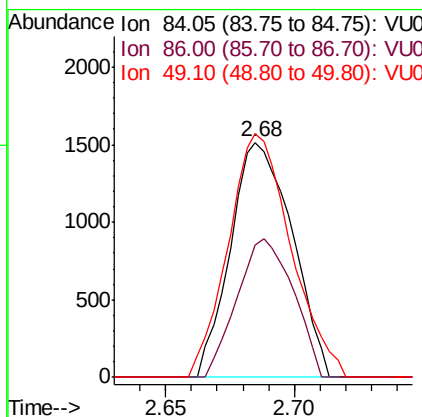
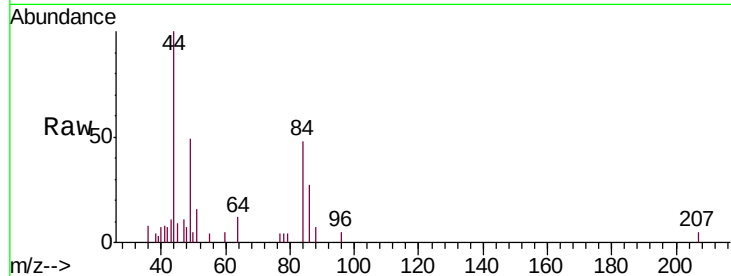




#16
Methylene chloride
Concen: 0.137 ug/L
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU034408.D
Acq: 08 Sep 2019 03:05

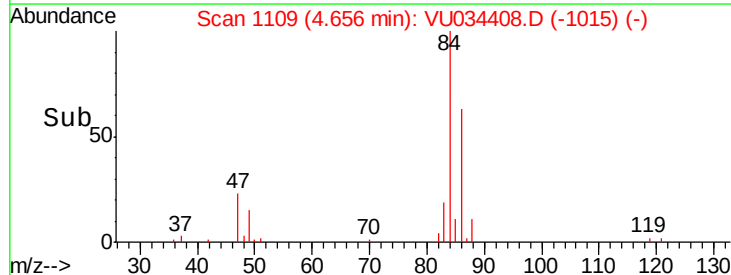
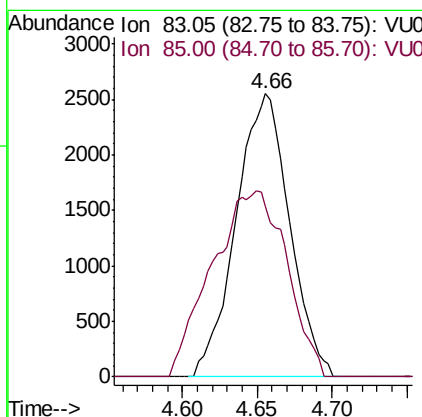
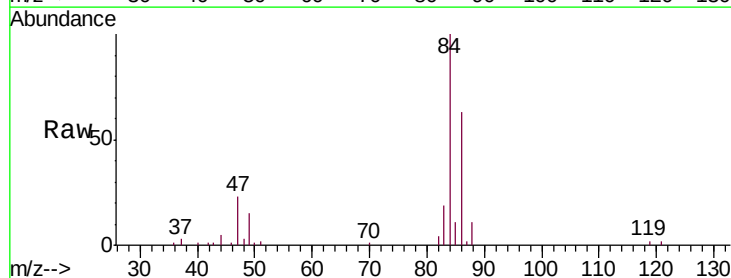
Instrument :
MSVOA_U
ClientSampleId :
BFD90DL

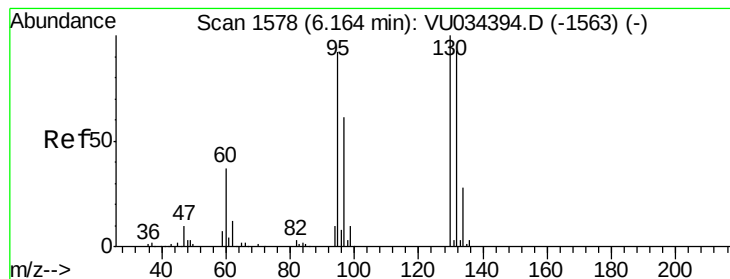
Tgt Ion: 84 Resp: 2517
Ion Ratio Lower Upper
84 100
86 56.3 44.4 82.5
49 103.6 90.2 167.4



#25
Chloroform
Concen: 0.181 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VU034408.D
Acq: 08 Sep 2019 03:05

Tgt Ion: 83 Resp: 6336
Ion Ratio Lower Upper
83 100
85 60.5 46.8 86.8





#34

Trichloroethene

Concen: 1.436 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034408.D

Acq: 08 Sep 2019 03:05

Instrument :

MSVOA_U

ClientSampleId :

BFD90DL

Tgt Ion: 95 Resp: 29825

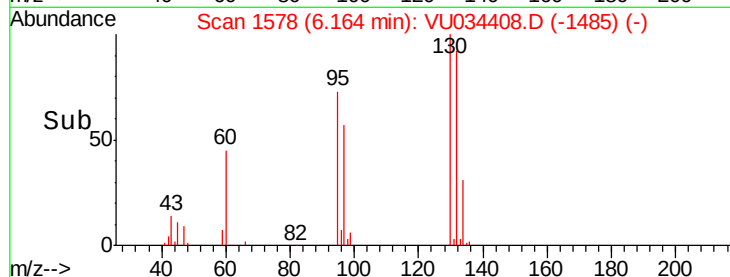
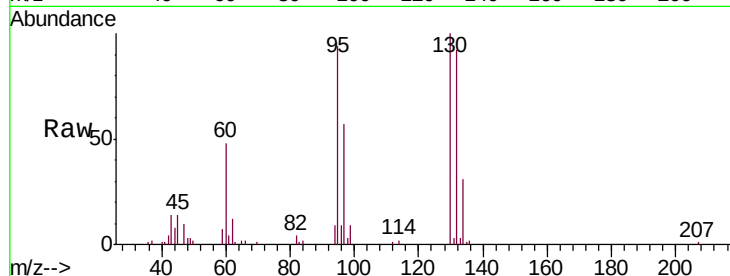
Ion Ratio Lower Upper

95 100

97 60.5 43.3 80.5

132 98.1 68.6 127.4

130 106.6 70.5 130.9

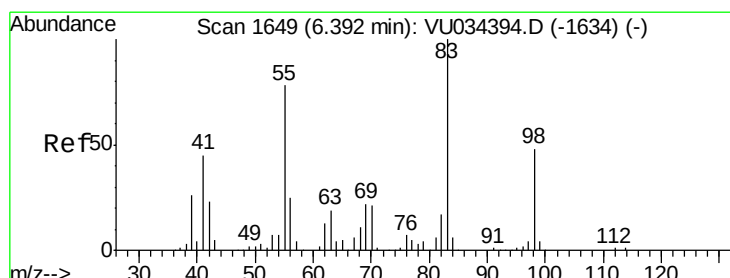
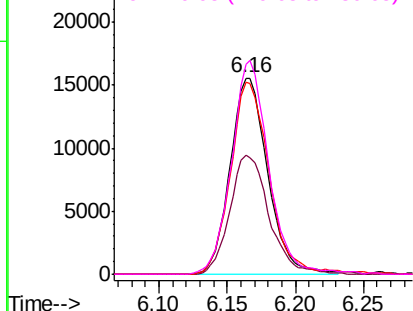


Abundance Ion 95.00 (94.70 to 95.70): VU034408.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VU034408.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU034408.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU034408.D (-1485) (-)



#35

Methylcyclohexane

Concen: 0.712 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU034408.D

Acq: 08 Sep 2019 03:05

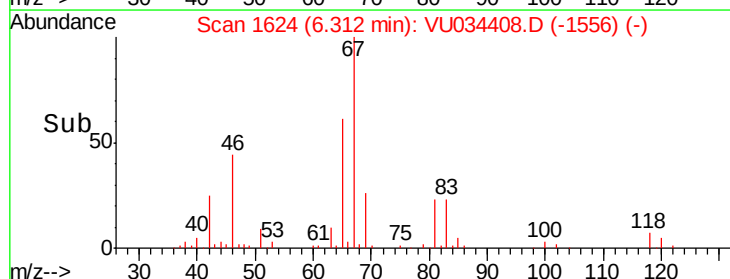
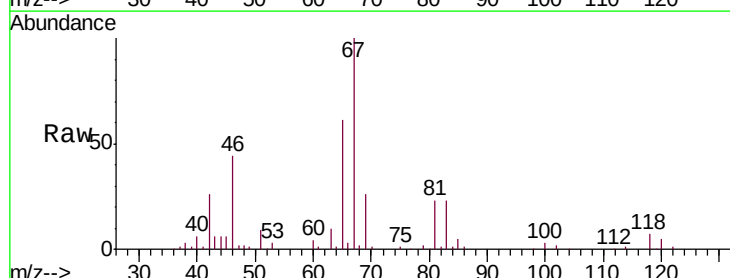
Tgt Ion: 83 Resp: 24512

Ion Ratio Lower Upper

83 100

55 0.4 62.6 94.0#

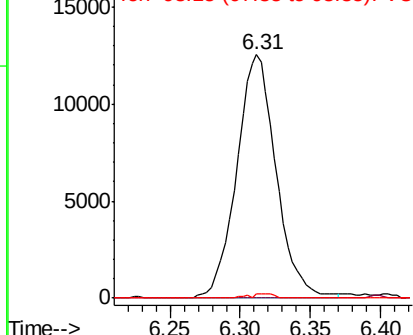
98 1.1 36.2 54.2#

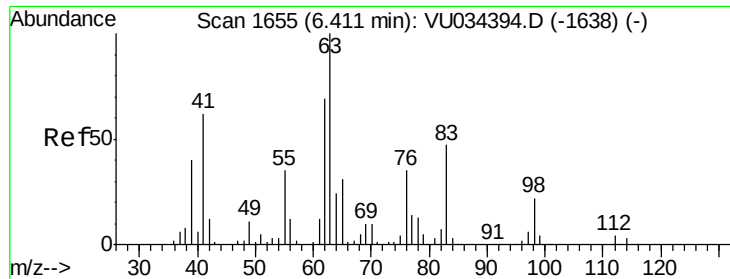


Abundance Ion 83.15 (82.85 to 83.85): VU034408.D (-1556) (-)

Ion 55.10 (54.80 to 55.80): VU034408.D (-1556) (-)

Ion 98.15 (97.85 to 98.85): VU034408.D (-1556) (-)

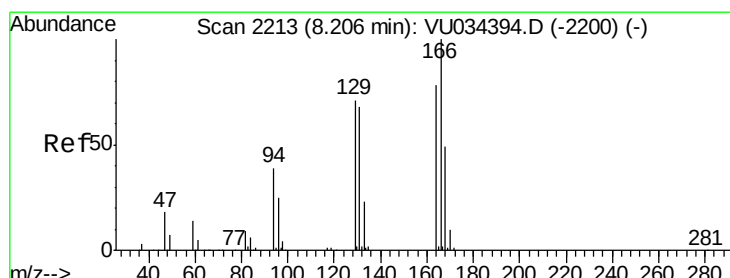
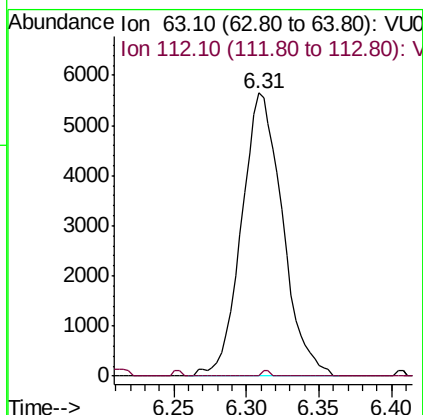
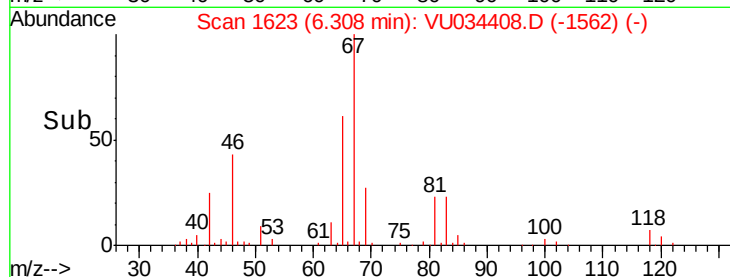
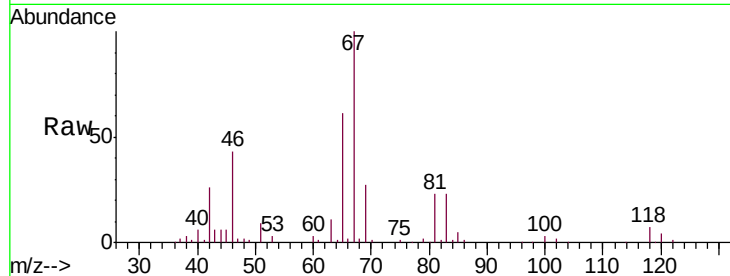




#37
 1,2-Dichloropropane
 Concen: 0.535 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034408.D
 Acq: 08 Sep 2019 03:05

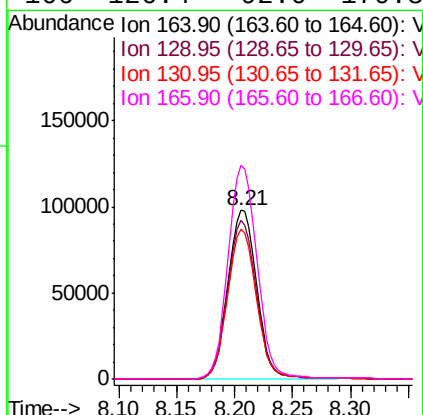
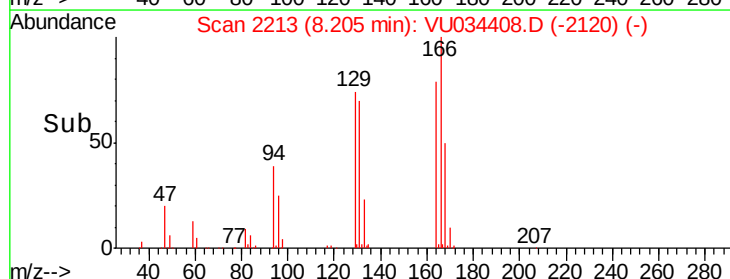
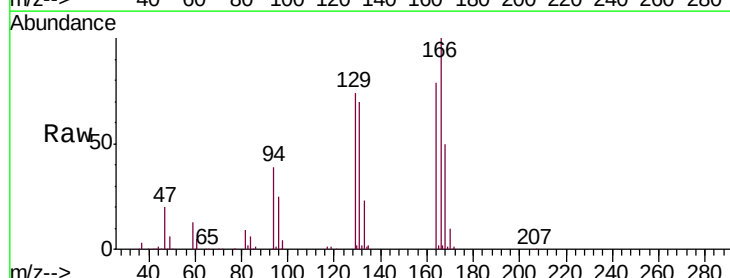
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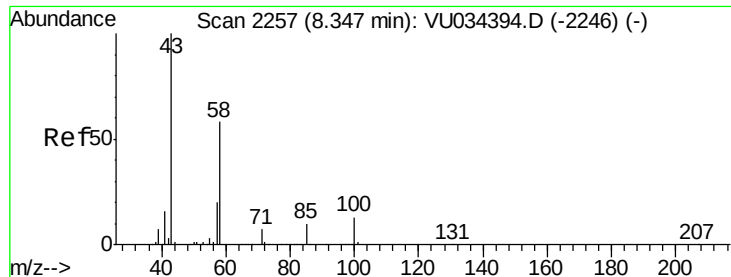
Tgt Ion: 63 Resp: 11108
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.3 4.9#



#47
 Tetrachloroethene
 Concen: 9.925 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU034408.D
 Acq: 08 Sep 2019 03:05

Tgt Ion: 164 Resp: 169372
 Ion Ratio Lower Upper
 164 100
 129 93.6 68.0 126.2
 131 88.5 64.6 120.0
 166 126.4 92.0 170.8

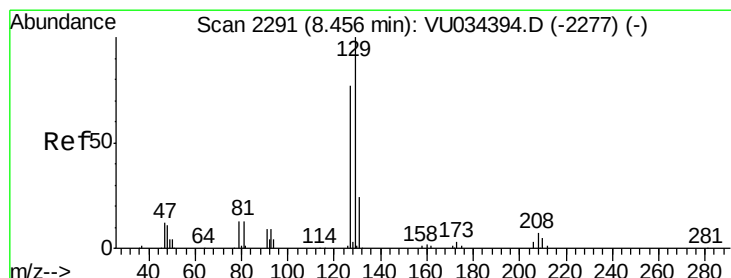
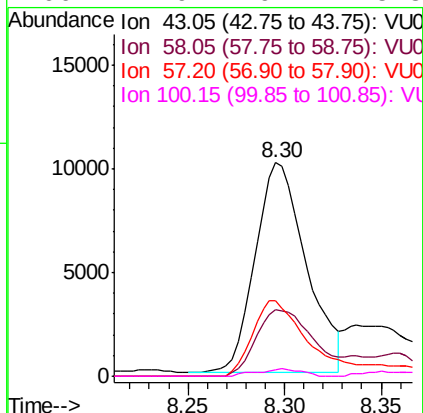
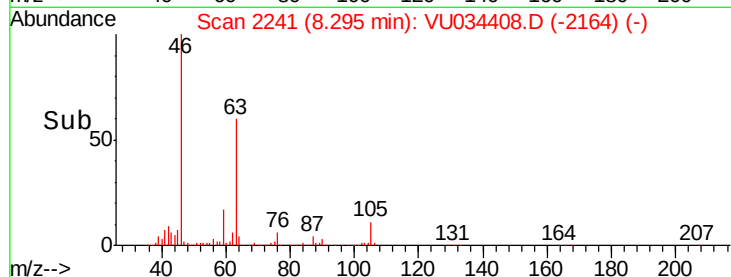
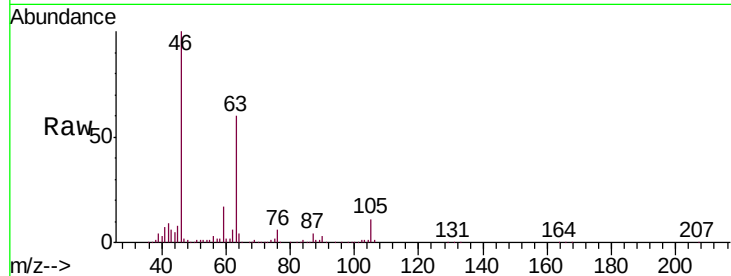




#48
 2-Hexanone
 Concen: 2.322 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU034408.D
 Acq: 08 Sep 2019 03:05

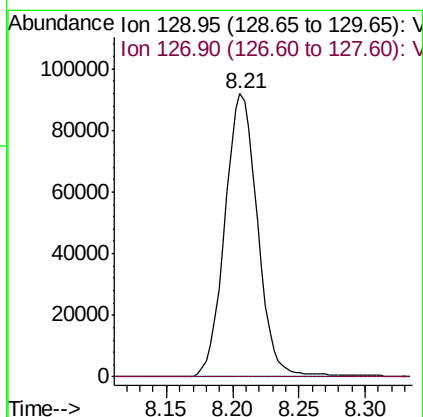
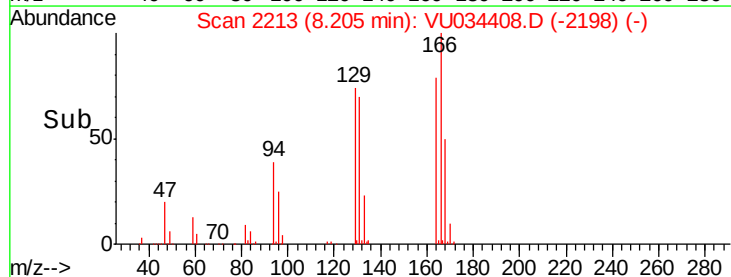
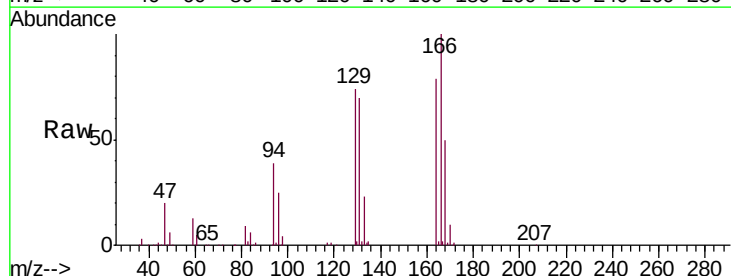
Instrument :
 MSVOA_U
 ClientSampleId :
 BFD90DL

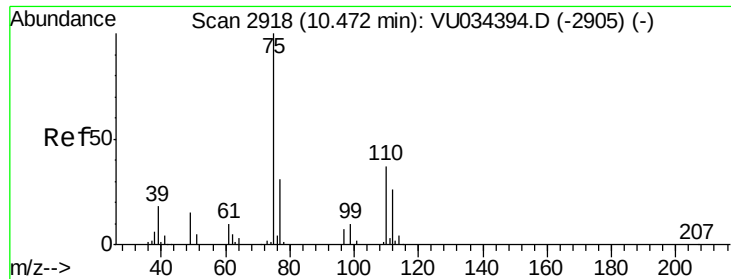
Tgt Ion:	43	Resp:	18622
Ion	Ratio	Lower	Upper
43	100		
58	36.0	44.9	67.3#
57	41.5	15.0	22.6#
100	2.9	9.2	13.8#



#49
 Dibromochloromethane
 Concen: 9.977 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.25 min
 Lab File: VU034408.D
 Acq: 08 Sep 2019 03:05

Tgt Ion:	129	Resp:	157567
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59

1,2,3-Trichloropropane

Concen: 1.068 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034408.D

Acq: 08 Sep 2019 03:05

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 12697

Ion Ratio Lower Upper

75 100

77 34.8 26.0 39.0

