

Data File : VU031832.D
Acq On : 08 May 2019 19:47
Operator : JC/SP
Sample : K2744-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D45

Quant Time: May 09 05:37:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 05:32:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	430366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	436670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	162297	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	140065	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.67	69	125220	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.27	63	205964	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.19	46	522664	45.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.28%
24) Chloroform-d	4.64	84	280764	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.31	65	159479	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.33	84	546577	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.32	67	196452	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.56	98	425175	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.85	79	57884	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.31	63	332761	45.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	151502	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	149129	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

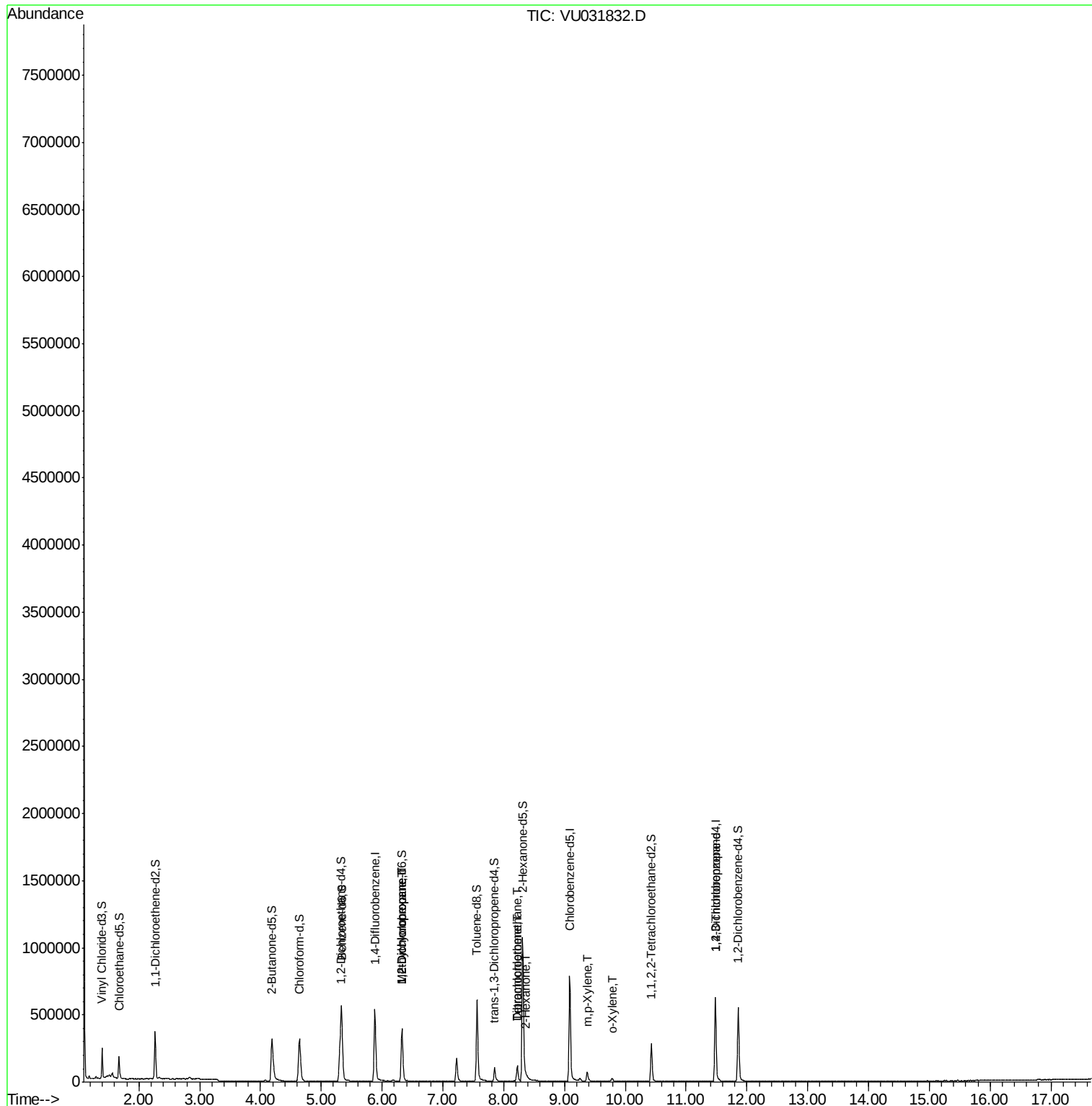
					Qvalue
35) Methylcyclohexane	6.33	83	41889	0.760 ug/L #	11
37) 1,2-Dichloropropane	6.32	63	21360	0.490 ug/L #	92
47) Tetrachloroethene	8.22	164	27054	1.084 ug/L	94
48) 2-Hexanone	8.38	43	21281	1.021 ug/L #	53
49) Dibromochloromethane	8.22	129	27291	0.909 ug/L #	10
53) m,p-Xylene	9.37	106	19466	0.349 ug/L	100
54) o-Xylene	9.78	106	6190	0.116 ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	23038	0.893 ug/L	98

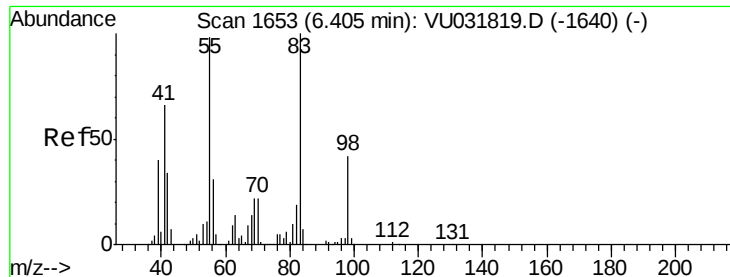
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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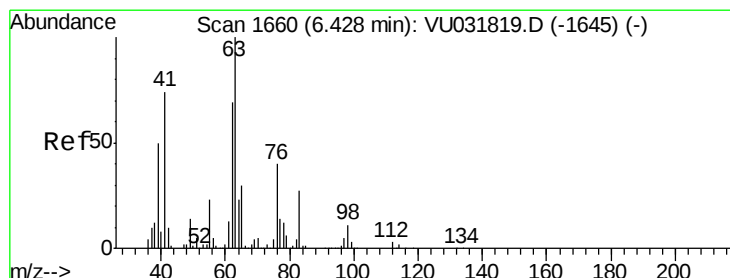
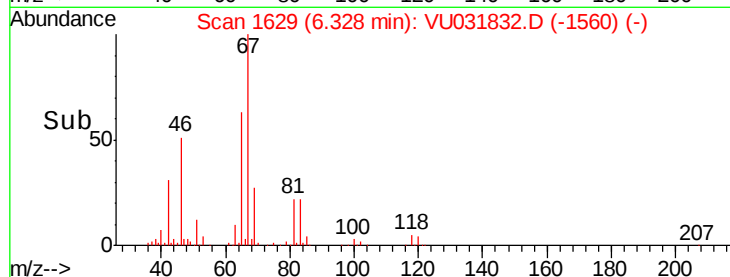
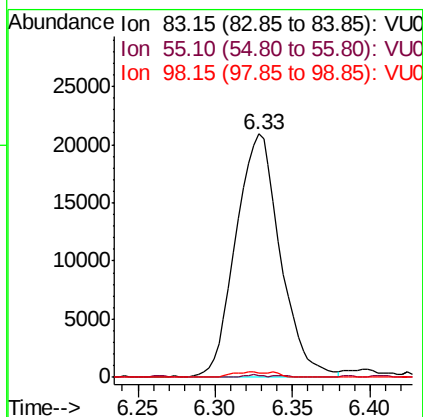
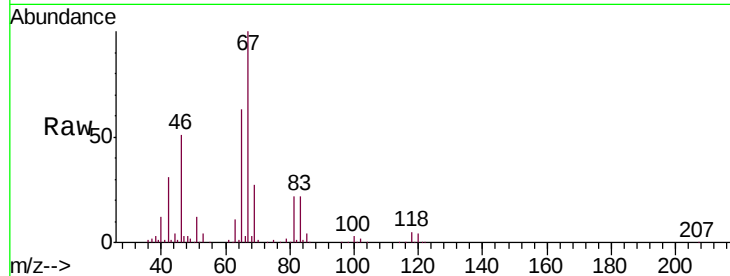




#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031832.D
Acq: 08 May 2019 19:47

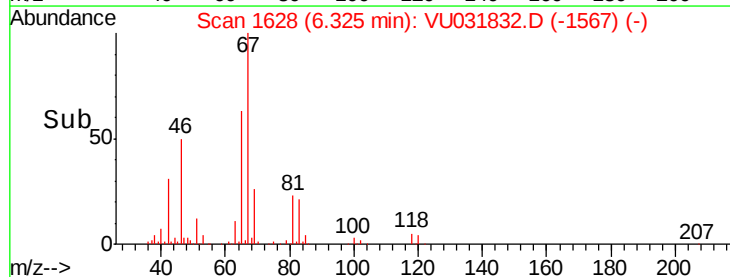
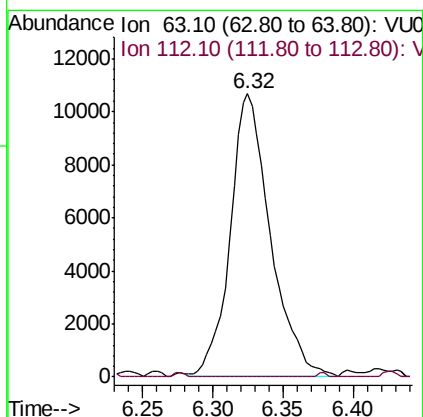
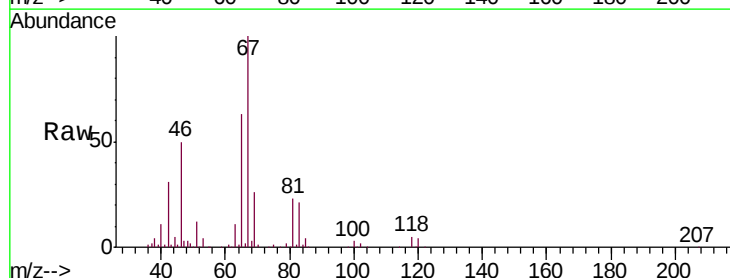
Instrument :
MSVOA_U
ClientSampled :
F9D45

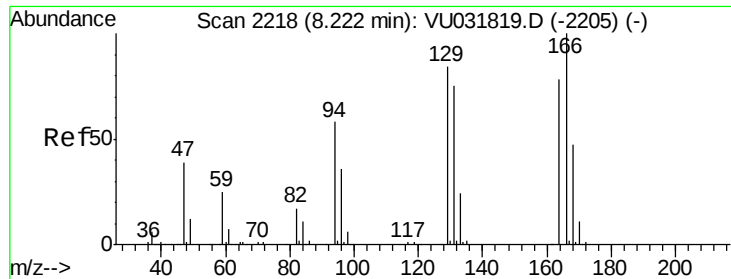
Tgt Ion: 83 Resp: 41889
Ion Ratio Lower Upper
83 100
55 0.4 79.2 118.8#
98 1.4 34.0 51.0#



#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU031832.D
Acq: 08 May 2019 19:47

Tgt Ion: 63 Resp: 21360
Ion Ratio Lower Upper
63 100
112 0.4 2.5 3.7#

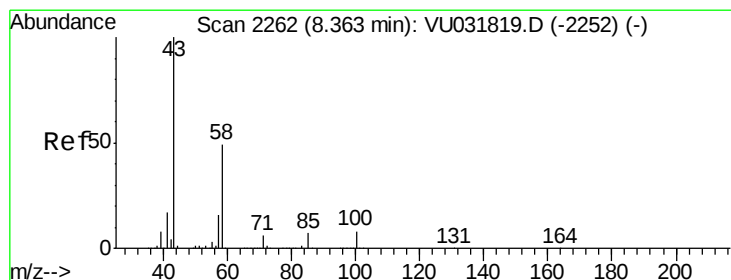
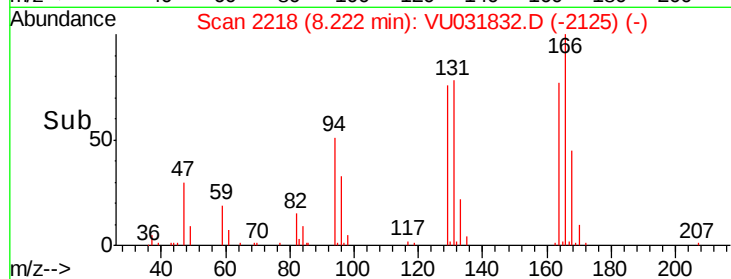
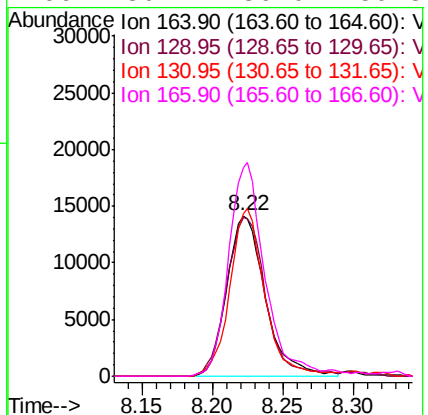
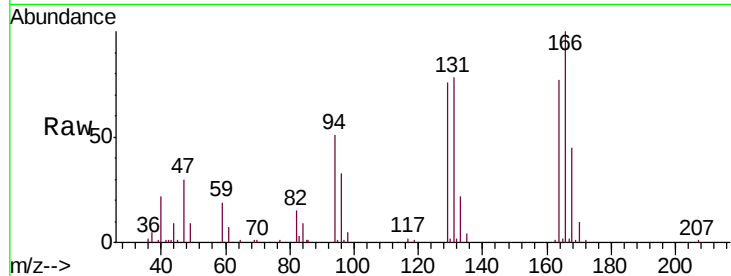




#47
Tetrachloroethene
Concen: 1.084 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031832.D
Acq: 08 May 2019 19:47

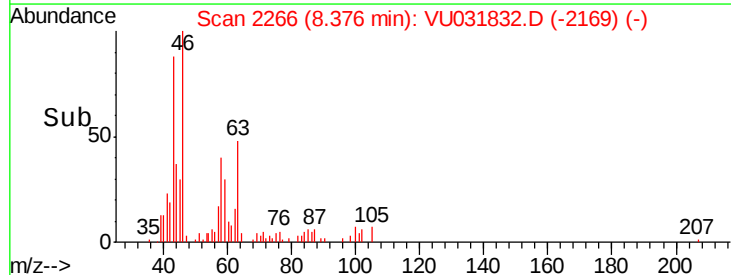
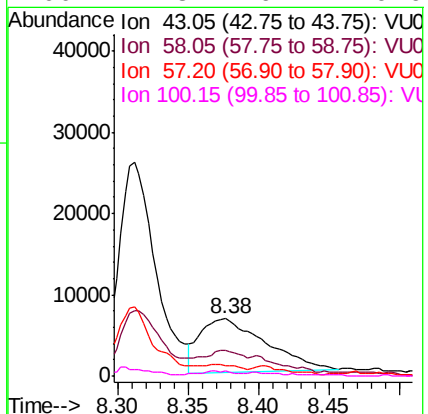
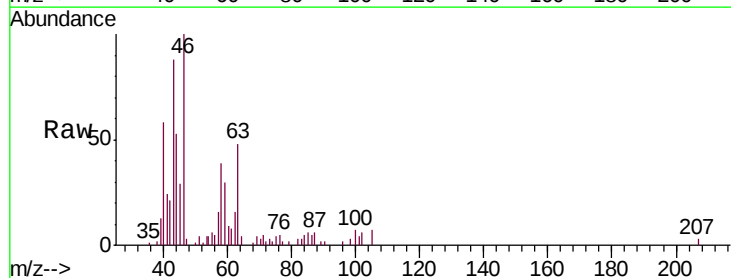
Instrument :
MSVOA_U
ClientSampleId :
F9D45

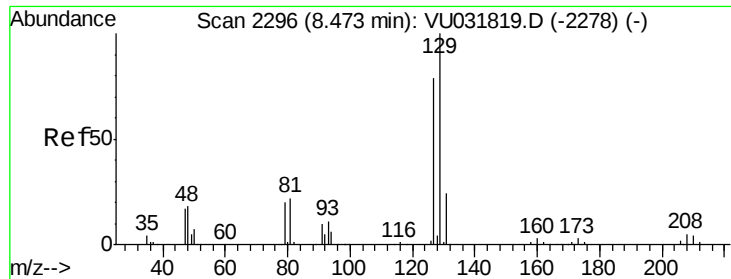
Tgt Ion:164 Resp: 27054
Ion Ratio Lower Upper
164 100
129 98.9 70.3 130.5
131 101.7 65.4 121.4
166 130.4 86.0 159.8



#48
2-Hexanone
Concen: 1.021 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.01 min
Lab File: VU031832.D
Acq: 08 May 2019 19:47

Tgt Ion: 43 Resp: 21281
Ion Ratio Lower Upper
43 100
58 6.7 40.2 60.2#
57 9.9 13.8 20.6#
100 4.8 6.4 9.6#





#49

Dibromochloromethane

Concen: 0.909 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU031832.D

Acq: 08 May 2019 19:47

Instrument :

MSVOA_U

ClientSampleId :

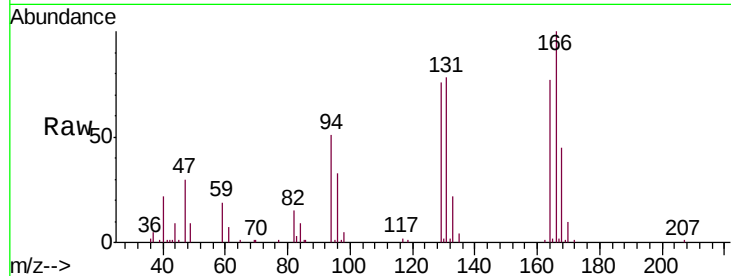
F9D45

Tgt Ion:129 Resp: 27291

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

15000

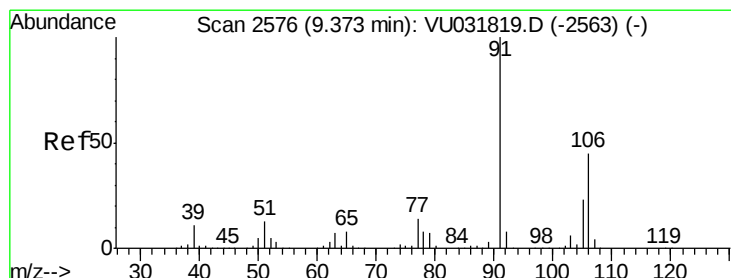
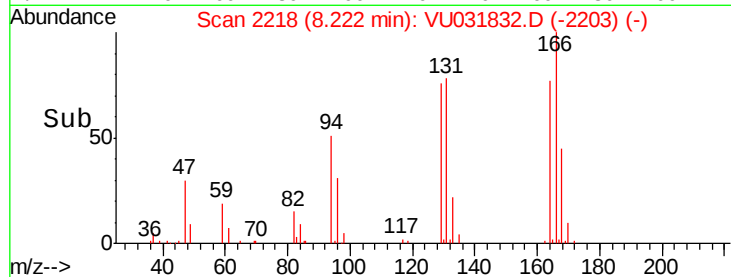
10000

5000

0

Time-->

8.15 8.20 8.25 8.30



#53

m,p-Xylene

Concen: 0.349 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU031832.D

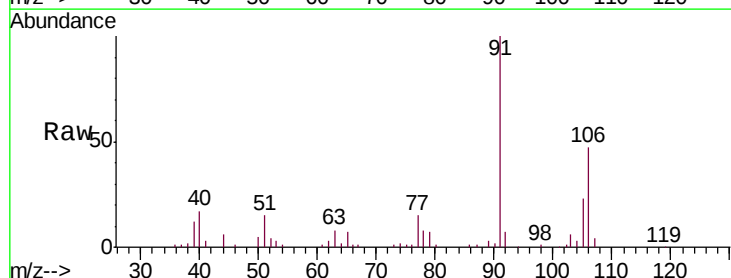
Acq: 08 May 2019 19:47

Tgt Ion:106 Resp: 19466

Ion Ratio Lower Upper

106 100

91 214.9 150.3 279.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

9.37

25000

20000

15000

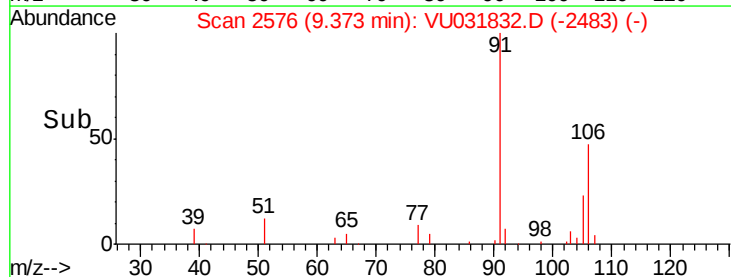
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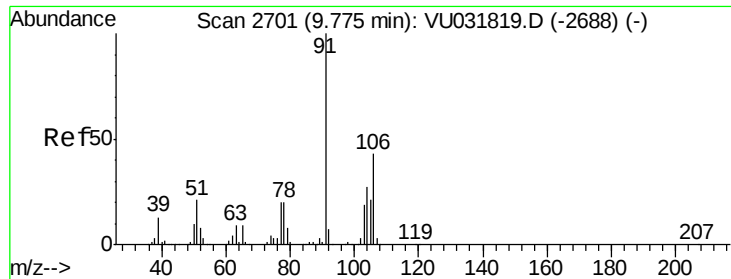
5000

0

Time-->

9.30 9.35 9.40

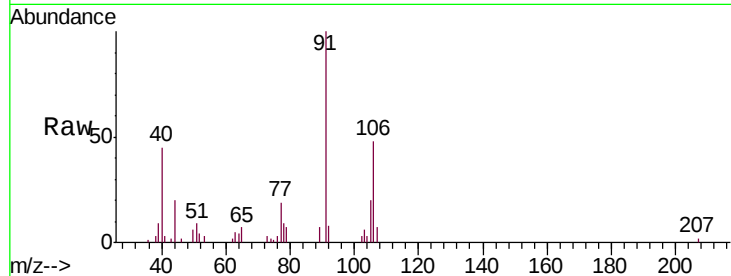




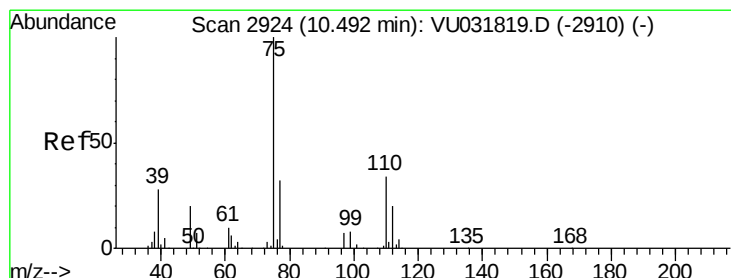
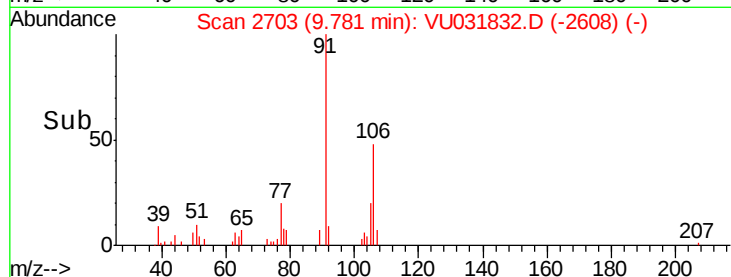
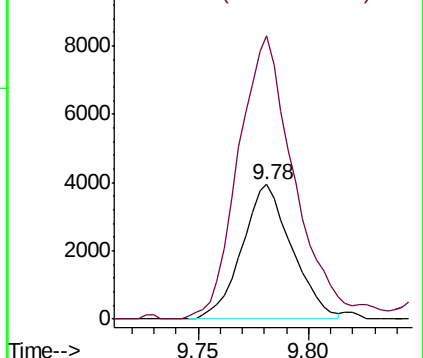
#54
o-Xylene
Concen: 0.116 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU031832.D
Acq: 08 May 2019 19:47

Instrument :
MSVOA_U
ClientSampleId :
F9D45

Tgt Ion: 106 Resp: 6190
Ion Ratio Lower Upper
106 100
91 210.2 161.8 300.6

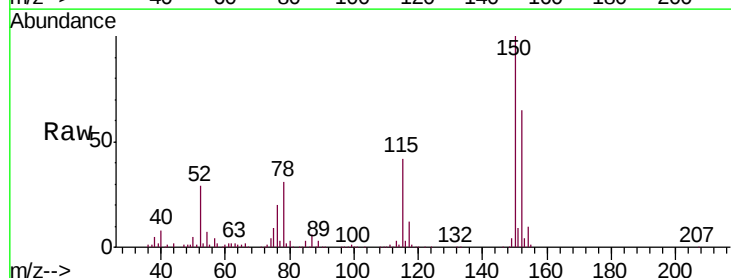


Abundance Ion 106.15 (105.85 to 106.85): VU031832.D (-2608) (-)
Ion 91.15 (90.85 to 91.85): VU031832.D (-2608) (-)



#59
1,2,3-Trichloropropane
Concen: 0.893 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031832.D
Acq: 08 May 2019 19:47

Tgt Ion: 75 Resp: 23038
Ion Ratio Lower Upper
75 100
77 34.0 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU031832.D (-2302) (-)
Ion 77.00 (76.70 to 77.70): VU031832.D (-2302) (-)

