

Data File : VU032028.D
Acq On : 15 May 2019 13:47
Operator : JC/SP
Sample : K2738-07DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB890DL

Quant Time: May 16 04:29:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1059806	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1057115	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	417826	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	367947	39.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.12%
7) Chloroethane-d5	1.67	69	318066	42.24	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.48%
11) 1,1-Dichloroethene-d2	2.27	63	519075	31.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.28%
21) 2-Butanone-d5	4.17	46	616955	94.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.74%
24) Chloroform-d	4.64	84	677289	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
26) 1,2-Dichloroethane-d4	5.30	65	441169	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
32) Benzene-d6	5.34	84	1435075	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.32	67	479272	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.56	98	1243183	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%
43) trans-1,3-Dichloropropene-	7.85	79	196534	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
47) 2-Hexanone-d5	8.31	63	410449	100.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	660610	44.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	428725	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4679	0.593	ug/L #	23
34) Trichloroethene	6.18	95	109220	12.737	ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	10377	0.786	ug/L #	55
46) Tetrachloroethene	8.22	164	274573	45.351	ug/L	99
49) Dibromochloromethane	8.22	129	270129	31.579	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	51394	4.236	ug/L	96

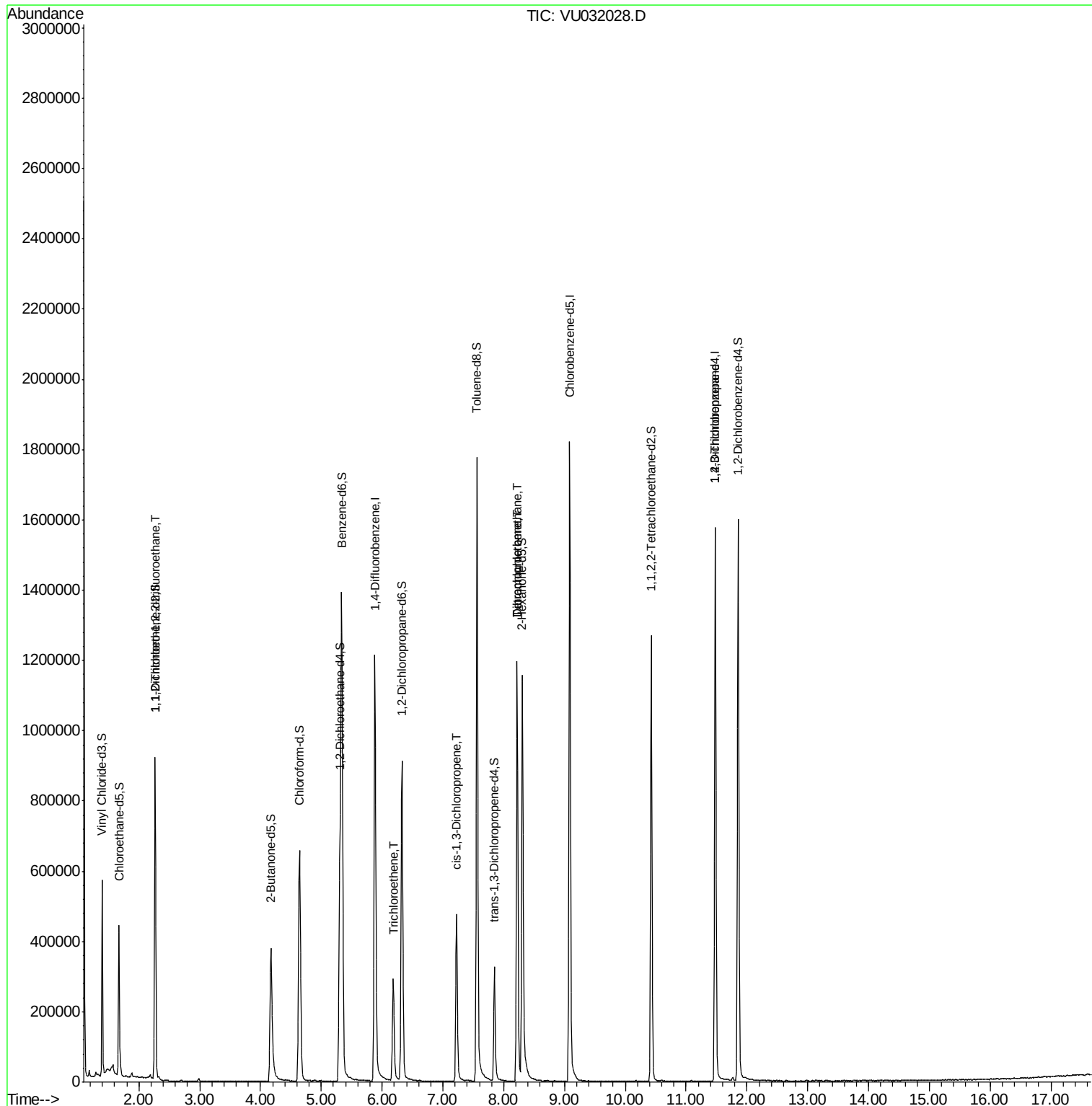
(#) = qualifier out of range (m) = manual integration (+) = signals summed

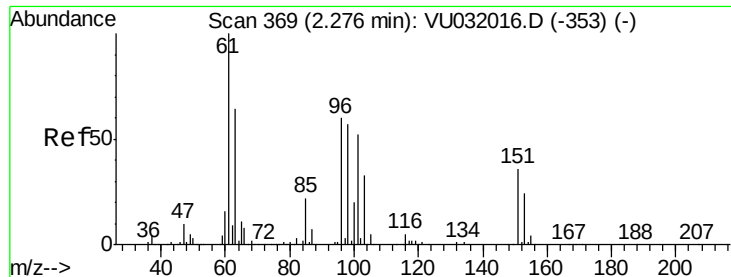
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.593 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032028.D

Acq: 15 May 2019 13:47

Instrument :

MSVOA_U

ClientSampleId :

DB890DL

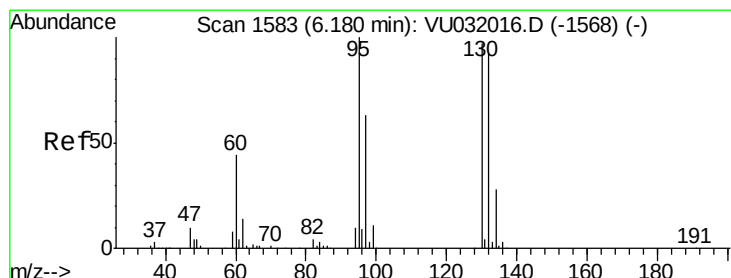
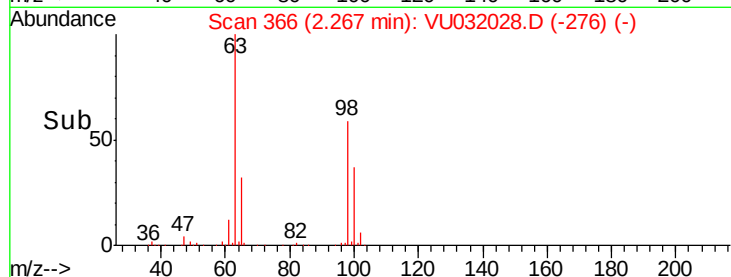
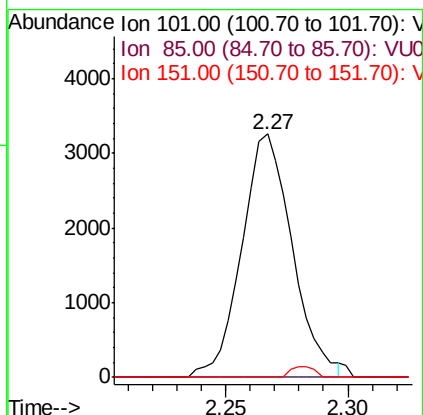
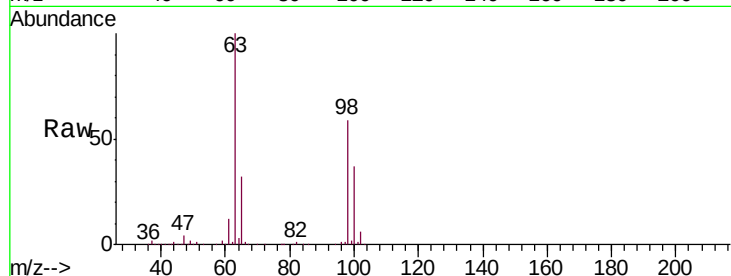
Tgt Ion:101 Resp: 4679

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 2.1 55.8 83.8#



#34

Trichloroethene

Concen: 12.737 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032028.D

Acq: 15 May 2019 13:47

Tgt Ion: 95 Resp: 109220

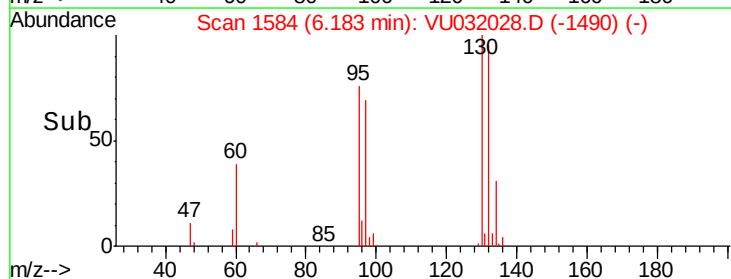
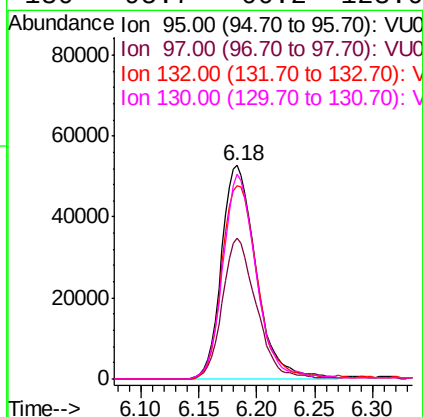
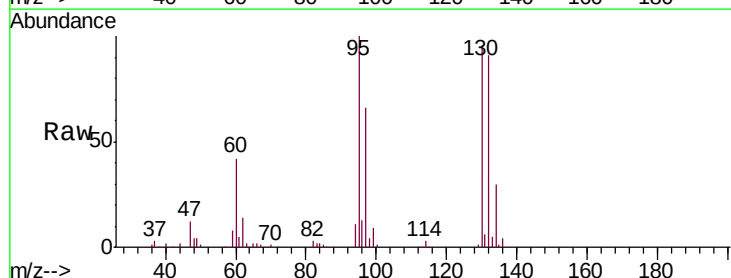
Ion Ratio Lower Upper

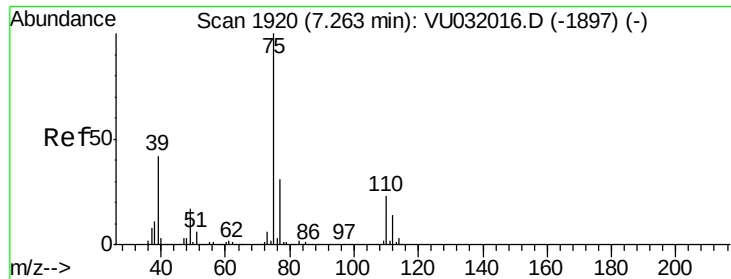
95 100

97 66.2 44.9 83.3

132 90.8 63.5 117.9

130 95.7 66.2 123.0

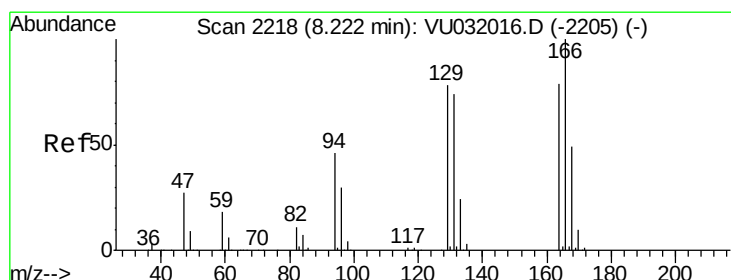
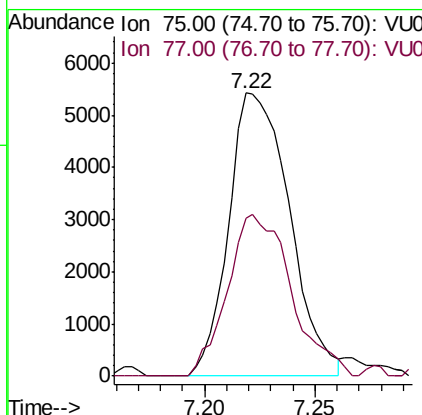
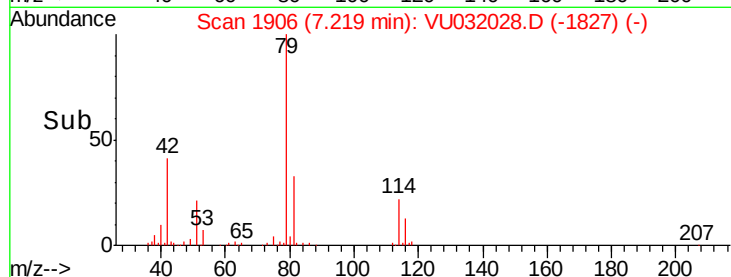
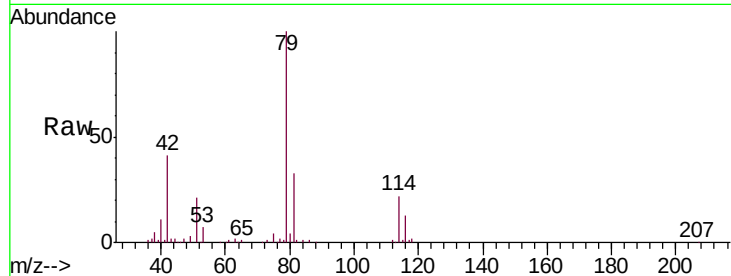




#39
 cis-1,3-Dichloropropene
 Concen: 0.786 ug/L
 RT: 7.22 min Scan# 1906
 Delta R.T. -0.04 min
 Lab File: VU032028.D
 Acq: 15 May 2019 13:47

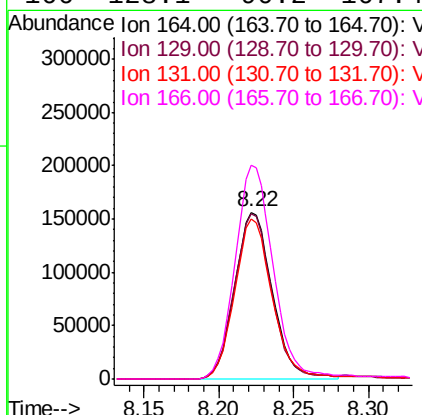
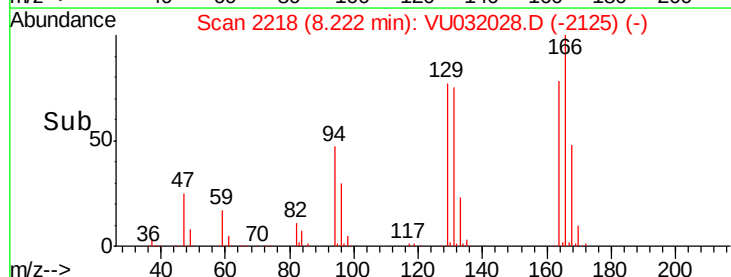
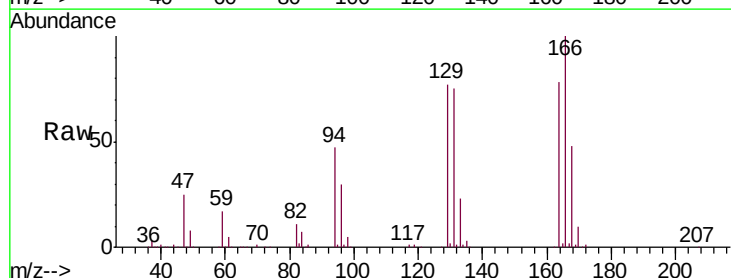
Instrument :
 MSVOA_U
 ClientSampled :
 DB890DL

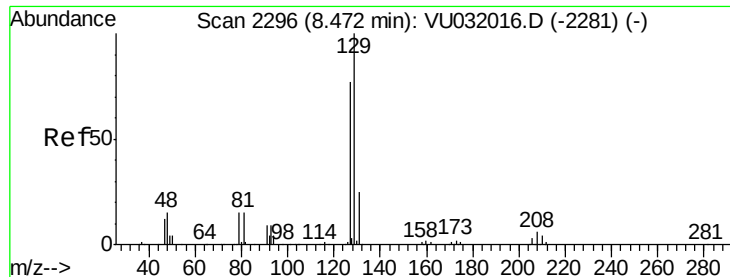
Tgt Ion: 75 Resp: 10377
 Ion Ratio Lower Upper
 75 100
 77 55.8 21.8 40.6#



#46
 Tetrachloroethene
 Concen: 45.351 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU032028.D
 Acq: 15 May 2019 13:47

Tgt Ion: 164 Resp: 274573
 Ion Ratio Lower Upper
 164 100
 129 98.9 70.9 131.7
 131 95.7 67.4 125.2
 166 128.1 90.2 167.4





#49

Dibromochloromethane

Concen: 31.579 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032028.D

Acq: 15 May 2019 13:47

Instrument :

MSVOA_U

ClientSampleId :

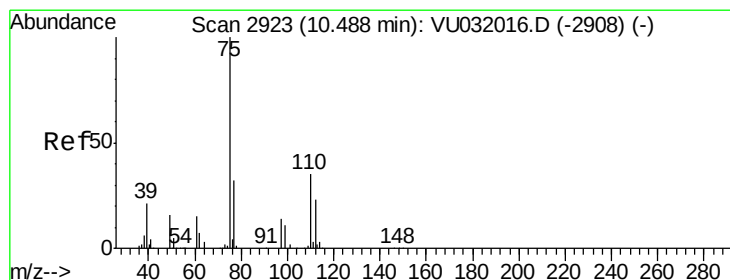
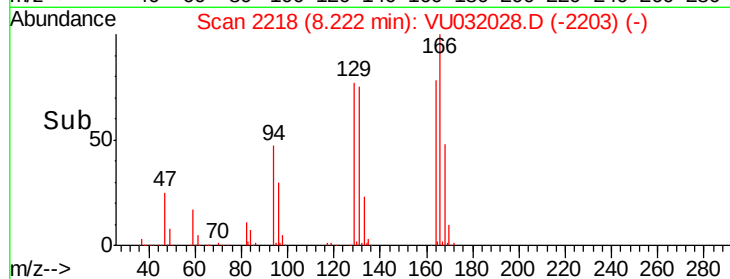
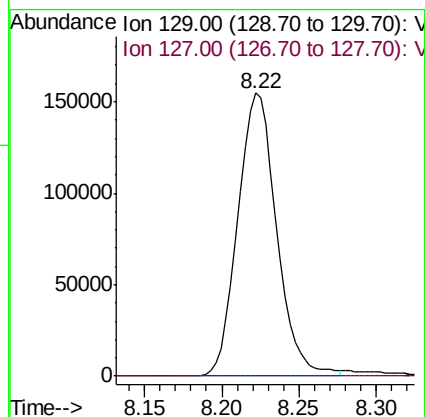
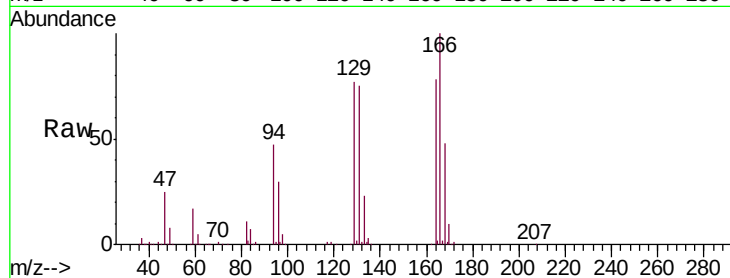
DB890DL

Tgt Ion:129 Resp: 270129

Ion Ratio Lower Upper

129 100

127 0.2 53.8 99.8#



#59

1,2,3-Trichloropropane

Concen: 4.236 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032028.D

Acq: 15 May 2019 13:47

Tgt Ion: 75 Resp: 51394

Ion Ratio Lower Upper

75 100

77 34.6 25.7 38.5

