

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004235.D
 Acq On : 26 Jul 2018 18:33
 Operator : SY/AP
 Sample : J4169-03
 Misc : 5.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 02:56:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:54:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	355514	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	121115	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	89491	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.00%
7) Chloroethane-d5	2.89	69	65631	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
10) 1,1-Dichloroethene-d2	4.00	63	159262	18.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.56%
20) 2-Butanone-d5	7.08	46	110069	54.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.64%
24) Chloroform-d	7.65	84	239078	26.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.04%
26) 1,2-Dichloroethane-d4	8.31	65	154200	28.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.64%
29) Benzene-d6	8.27	84	473823	27.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.88%
33) 1,2-Dichloropropane-d6	9.27	67	161593	28.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.72%
37) Toluene-d8	10.33	98	430859	26.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.68%
38) trans-1,3-Dichloropropene-	10.58	79	66592	25.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.24%
39) 2-Hexanone-d5	10.93	63	81269	54.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158665	27.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	137032	30.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.08%#

Target Compounds

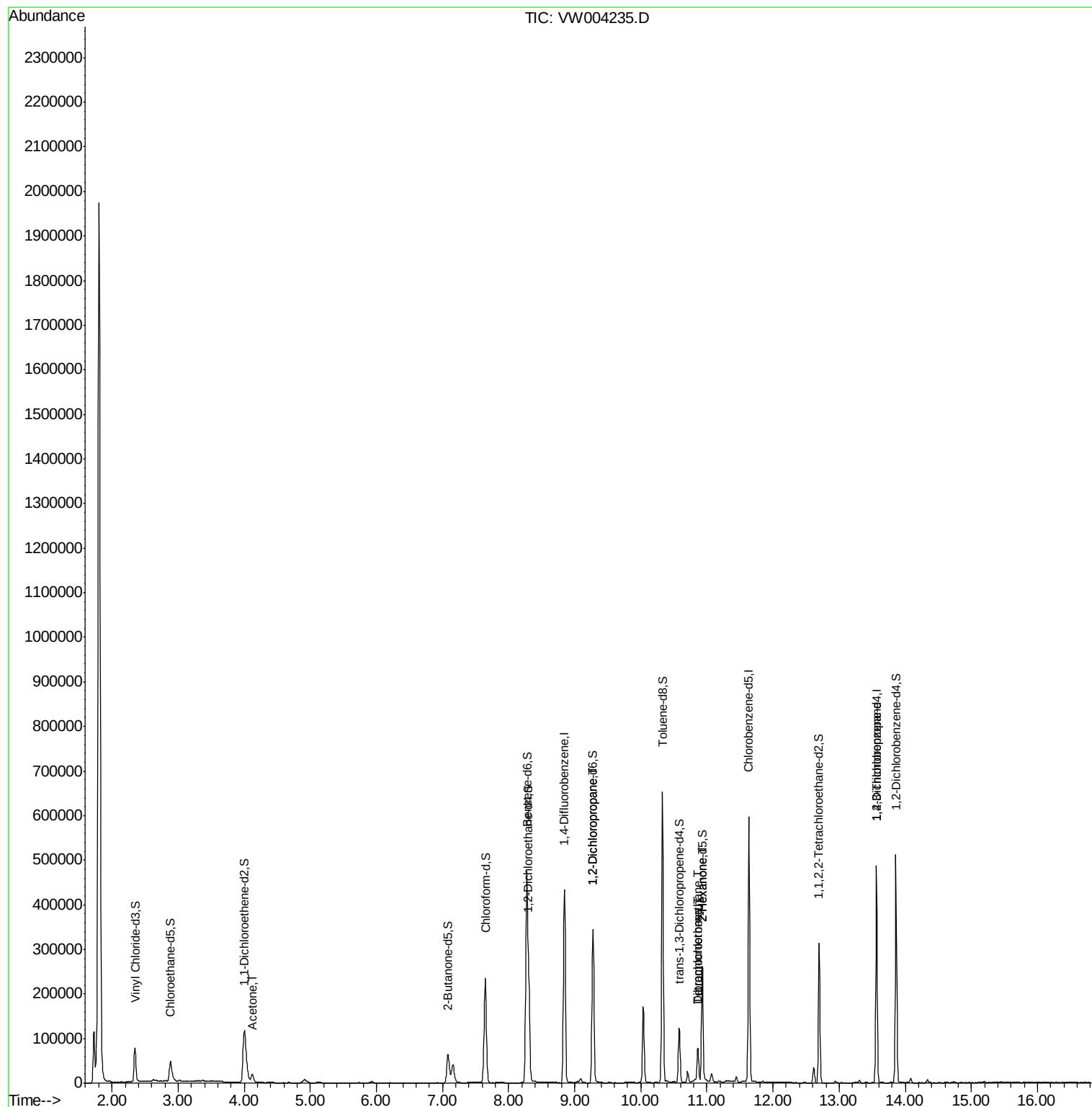
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	28845	14.099	ug/L	99
40) 1,2-Dichloropropane	9.27	63	17442	3.465	ug/L #	88
47) Tetrachloroethene	10.87	164	16352	4.191	ug/L	96
49) 2-Hexanone	10.93	43	12642	3.598	ug/L #	68
50) Dibromochloromethane	10.87	129	15434	3.462	ug/L #	12
59) 1,2,3-Trichloropropane	13.57	75	15208	3.550	ug/L	90

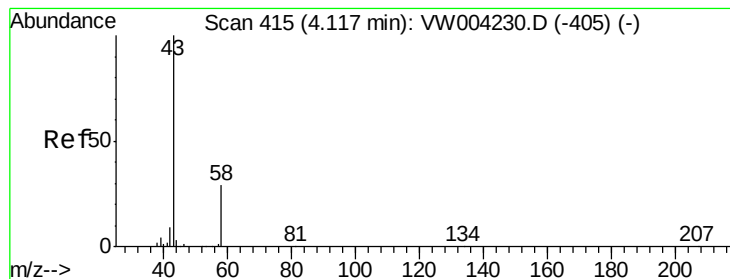
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jul 27 02:54:01 2018
Response via : Initial Calibration





#13

Acetone

Concen: 14.099 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004235.D

Acq: 26 Jul 2018 18:33

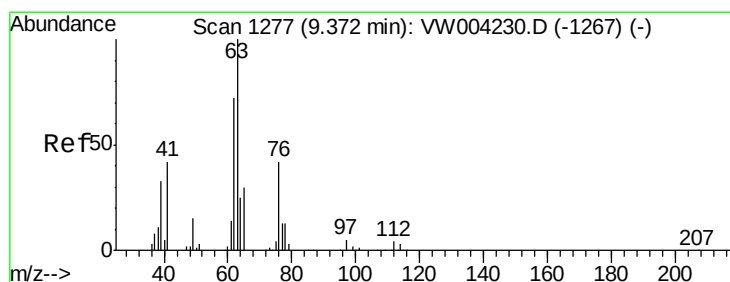
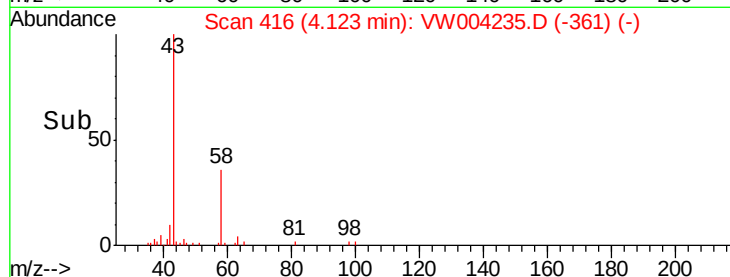
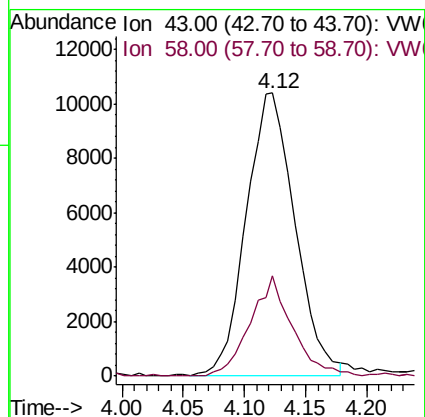
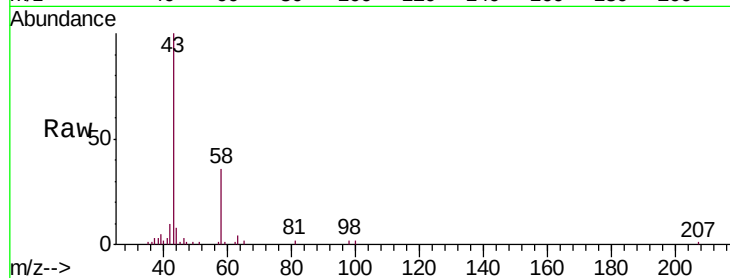
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 28845

Ion Ratio Lower Upper

43 100

58 30.5 0.0 59.8



#40

1,2-Dichloropropane

Concen: 3.465 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

Lab File: VW004235.D

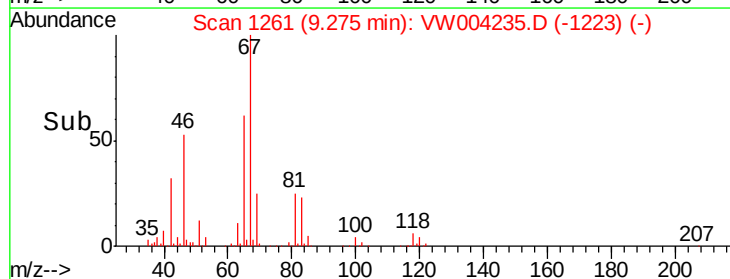
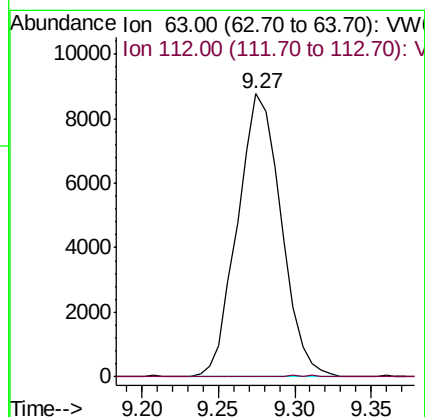
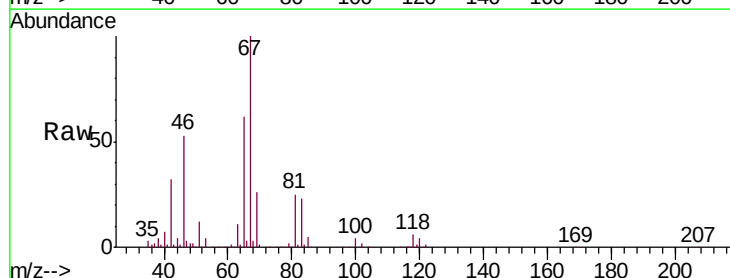
Acq: 26 Jul 2018 18:33

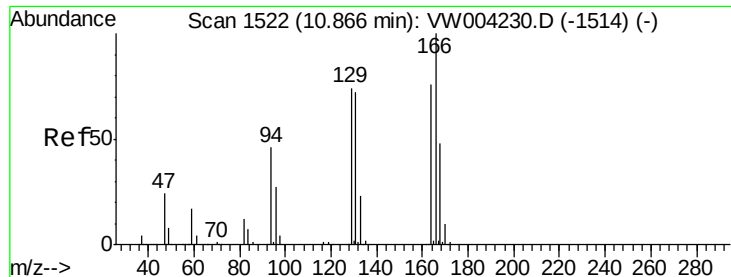
Tgt Ion: 63 Resp: 17442

Ion Ratio Lower Upper

63 100

112 0.1 3.2 4.8#

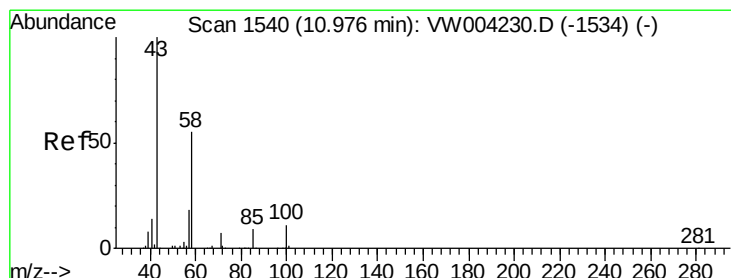
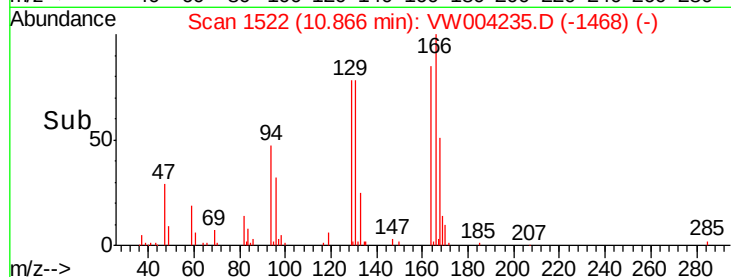
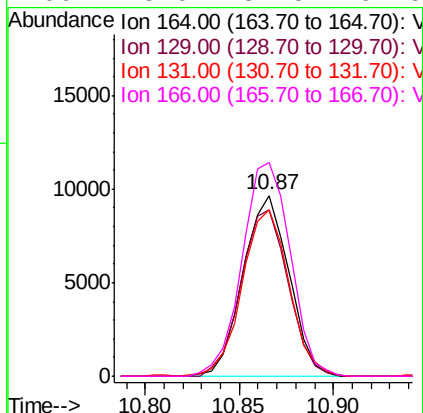
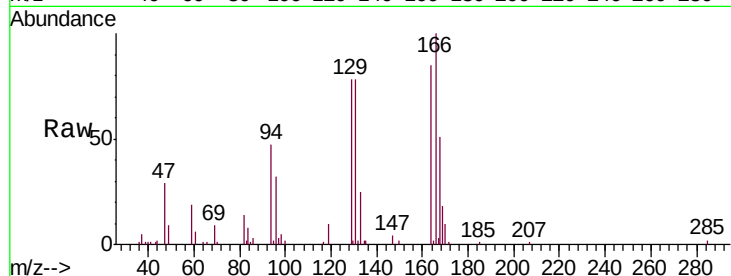




#47
Tetrachloroethene
Concen: 4.191 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004235.D
Acq: 26 Jul 2018 18:33

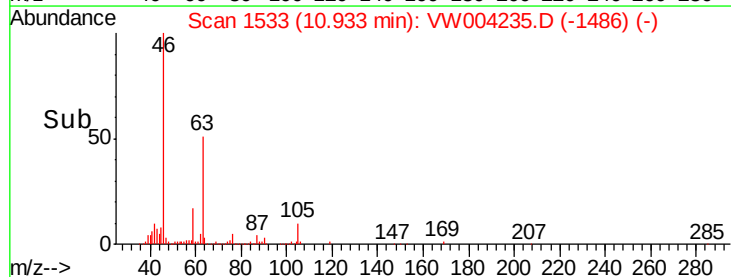
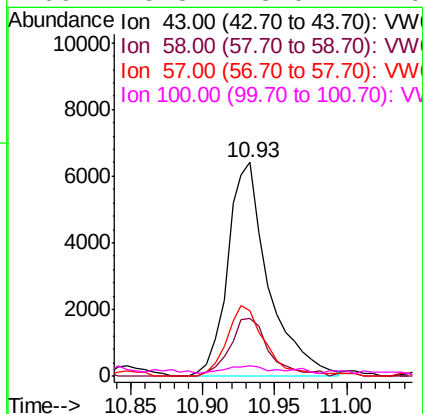
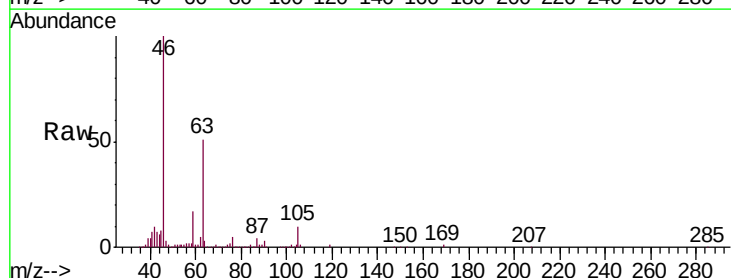
Instrument :
MSVOA_W
ClientSampleId :

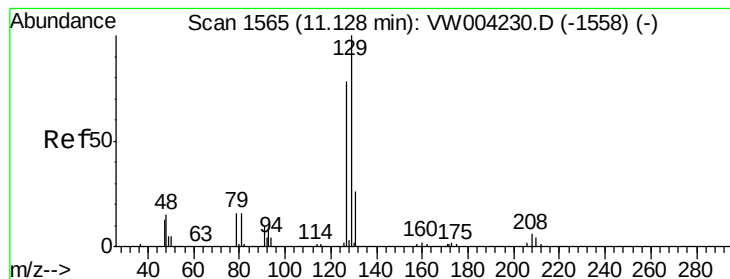
Tot Ion	Ratio	Lower	Upper
164	100		
129	92.3	63.4	117.8
131	92.2	63.1	117.1
166	118.0	87.5	162.5



#49
2-Hexanone
Concen: 3.598 ug/L
RT: 10.93 min Scan# 1533
Delta R.T. -0.04 min
Lab File: VW004235.D
Acq: 26 Jul 2018 18:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.3	39.8	59.8#
57	31.0	13.9	20.9#
100	3.8	8.0	12.0#





#50

Dibromochloromethane

Concen: 3.462 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.26 min

Lab File: VW004235.D

Acq: 26 Jul 2018 18:33

Instrument :

MSVOA_W

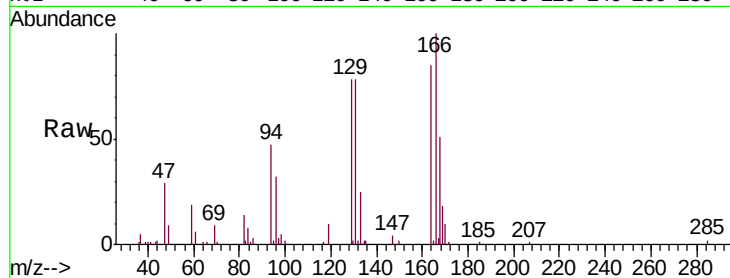
ClientSampleId :

Tot Ion:129 Resp: 15434

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

10000

8000

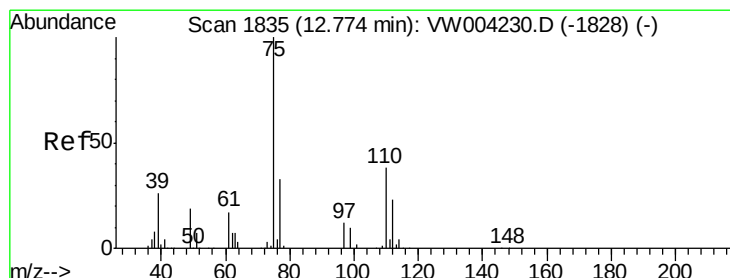
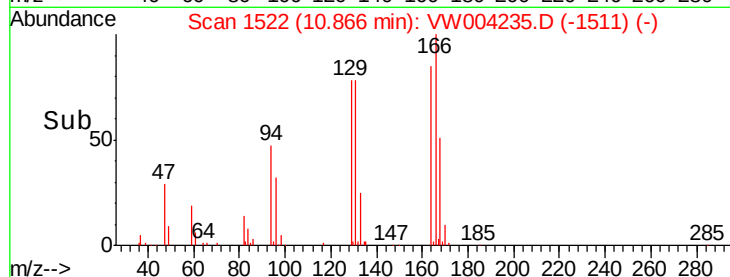
6000

4000

2000

0

Time--> 10.80 10.85 10.90



#59

1,2,3-Trichloropropane

Concen: 3.550 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004235.D

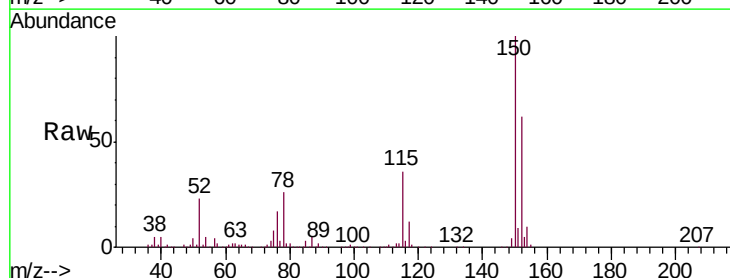
Acq: 26 Jul 2018 18:33

Tgt Ion: 75 Resp: 15208

Ion Ratio Lower Upper

75 100

77 37.2 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.57

10000

8000

6000

4000

2000

0

Time--> 13.50 13.55 13.60

