

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016341.D
 Acq On : 24 Aug 2020 19:27
 Operator : SY/VA
 Sample : L3789-07
 Misc : 6.56G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSL2

Quant Time: Aug 25 05:31:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 05:29:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	354612	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325383	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151948	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58985	15.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.32%
7) Chloroethane-d5	2.89	69	49443	17.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.80%
10) 1,1-Dichloroethene-d2	4.02	63	109286	12.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.60%
20) 2-Butanone-d5	7.07	46	52618	48.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.74%
24) Chloroform-d	7.65	84	182235	19.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.84%
26) 1,2-Dichloroethane-d4	8.31	65	100522	21.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.40%
29) Benzene-d6	8.27	84	345573	19.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.08%
33) 1,2-Dichloropropane-d6	9.27	67	103342	20.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.24%
37) Toluene-d8	10.33	98	315021	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.52%
38) trans-1,3-Dichloropropene-	10.58	79	47831	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.88%
39) 2-Hexanone-d5	10.93	63	46778	58.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103045	24.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	127812	21.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.76%

Target Compounds

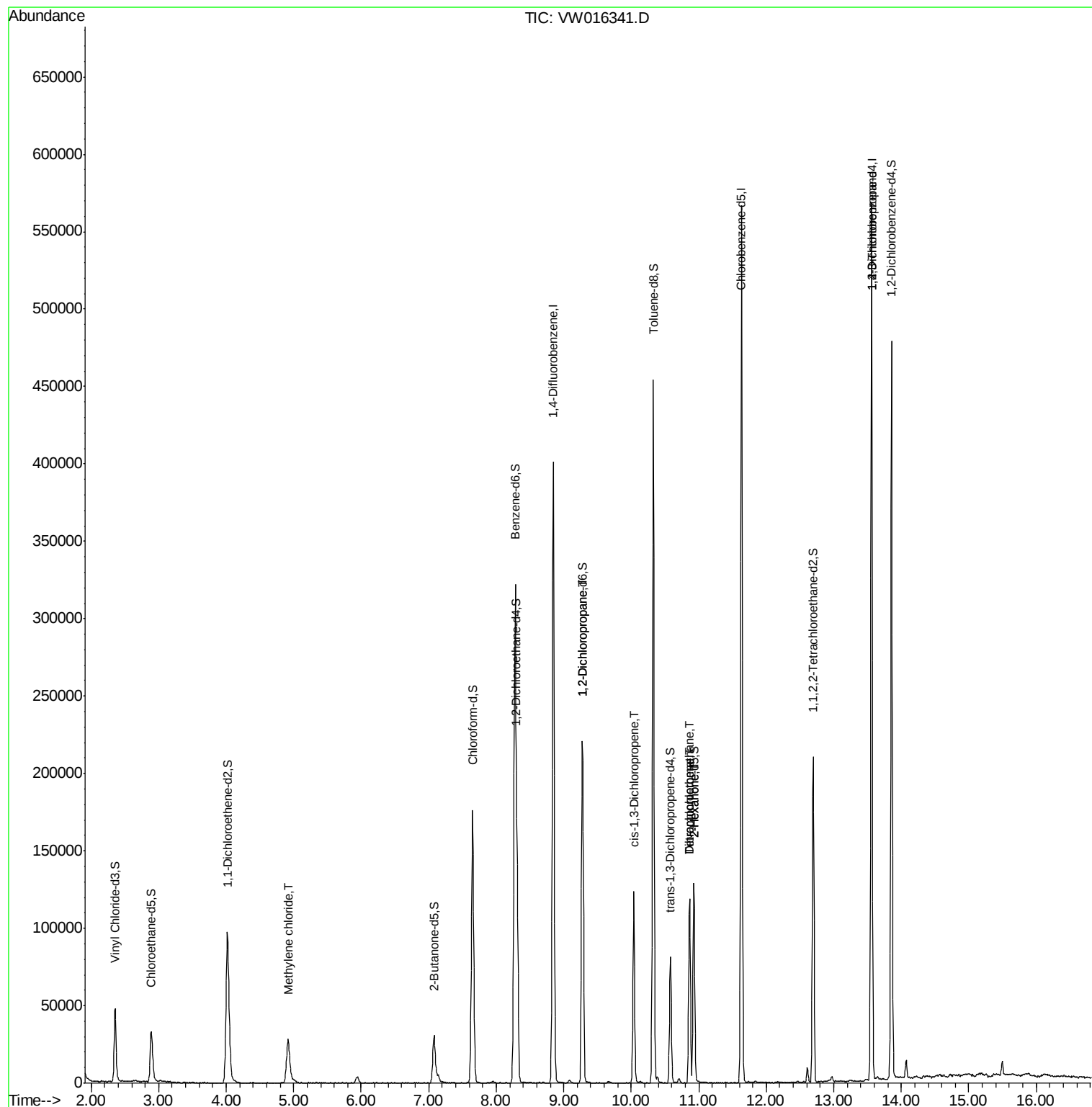
					Ovalue
16) Methylene chloride	4.92	84	26586	4.056 ug/L	98
40) 1,2-Dichloropropane	9.27	63	11939	2.720 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3222	0.448 ug/L #	59
47) Tetrachloroethene	10.87	164	26253	6.300 ug/L	99
49) 2-Hexanone	10.93	43	5042	2.966 ug/L #	62
50) Dibromochloromethane	10.87	129	27700	6.139 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	17003	5.431 ug/L	90

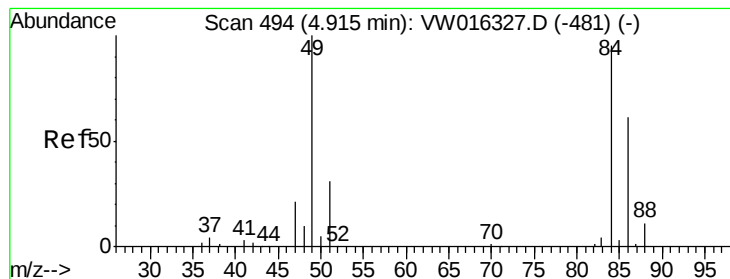
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 25 05:29:05 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 4.056 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016341.D

Acq: 24 Aug 2020 19:27

Instrument :

MSVOA_W

ClientSampled :

BFSL2

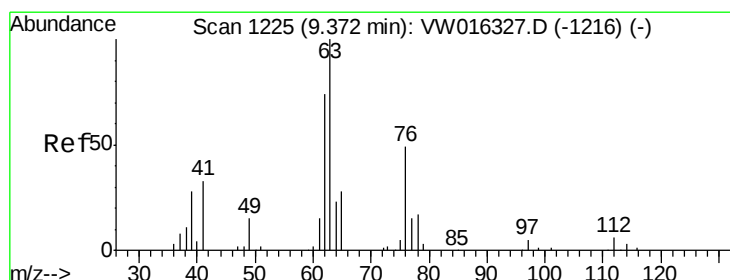
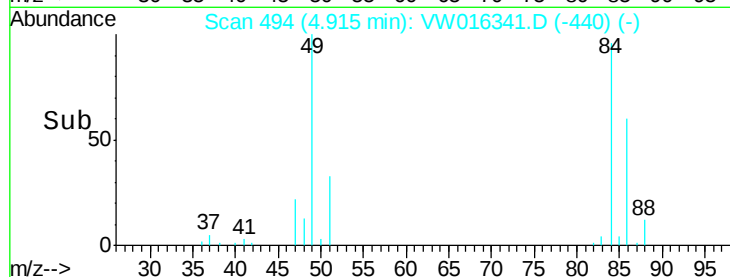
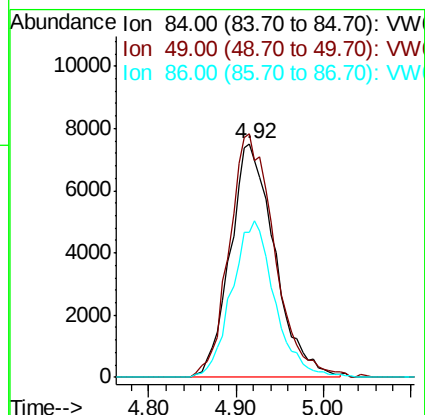
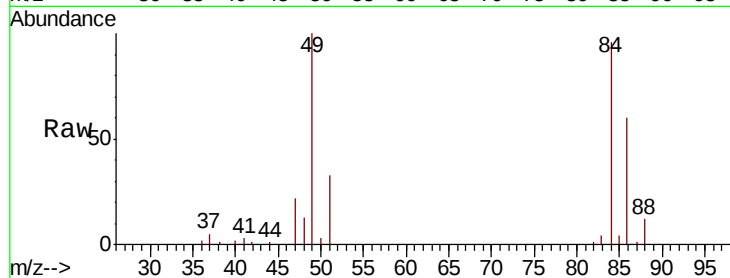
Tot Ion: 84 Resp: 26586

Ion Ratio Lower Upper

84 100

49 104.2 75.3 139.9

86 62.1 43.3 80.3



#40

1,2-Dichloropropane

Concen: 2.720 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016341.D

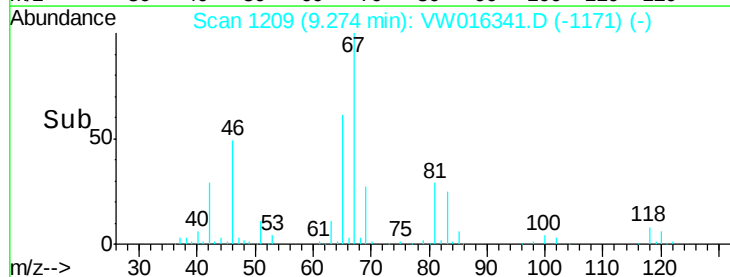
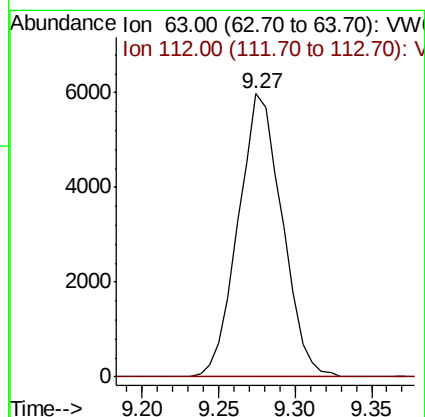
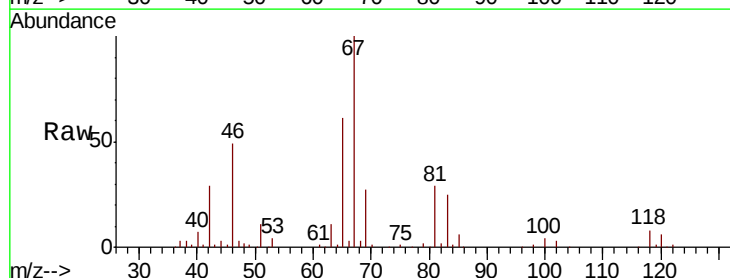
Acq: 24 Aug 2020 19:27

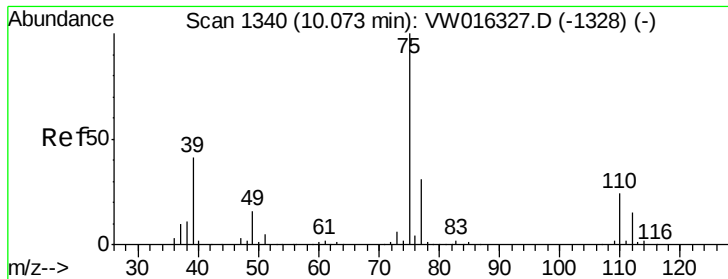
Tgt Ion: 63 Resp: 11939

Ion Ratio Lower Upper

63 100

112 0.3 4.4 6.6#





#42

cis-1,3-Dichloropropene

Concen: 0.448 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016341.D

Acq: 24 Aug 2020 19:27

Instrument :

MSVOA_W

ClientSampleId :

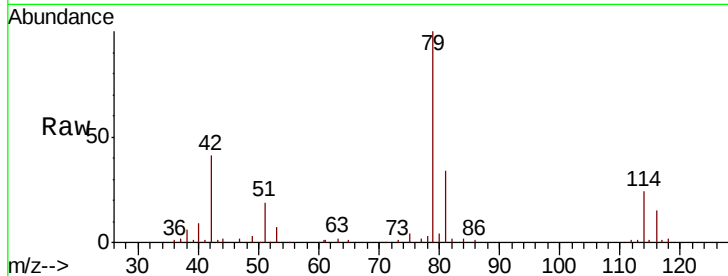
BFSL2

Tot Ion: 75 Resp: 3222

Ion Ratio Lower Upper

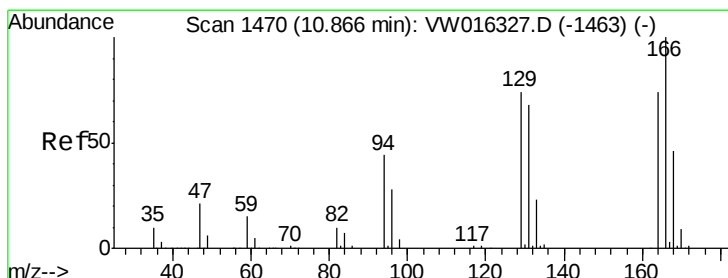
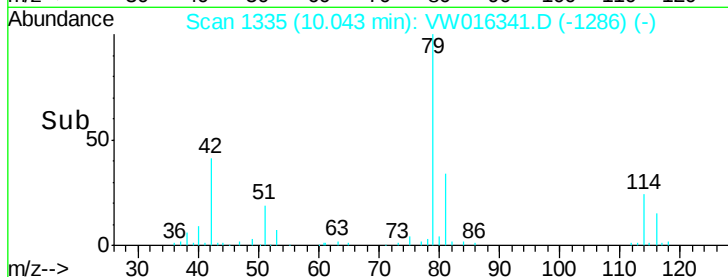
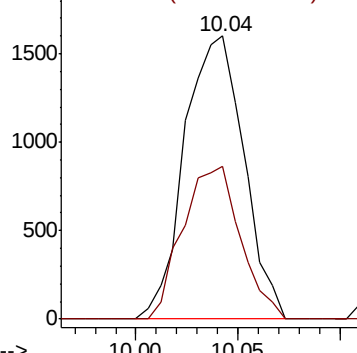
75 100

77 54.1 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 6.300 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016341.D

Acq: 24 Aug 2020 19:27

Tgt Ion: 164 Resp: 26253

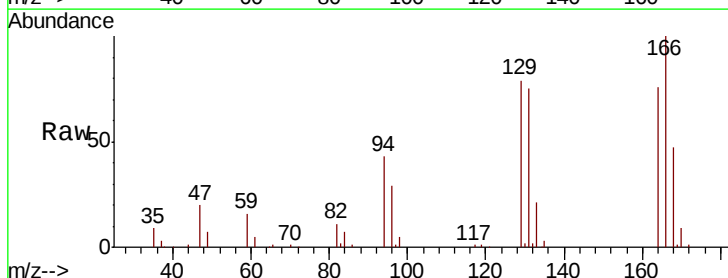
Ion Ratio Lower Upper

164 100

129 103.8 71.5 132.7

131 98.6 67.4 125.2

166 132.1 92.5 171.9

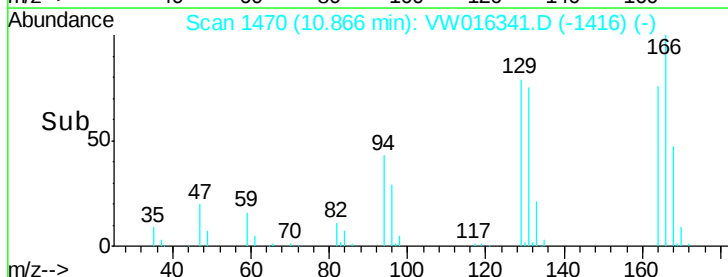
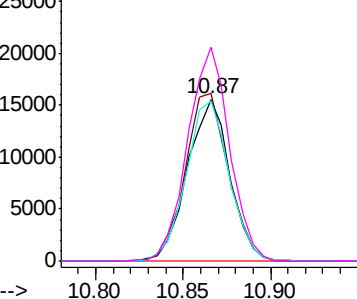


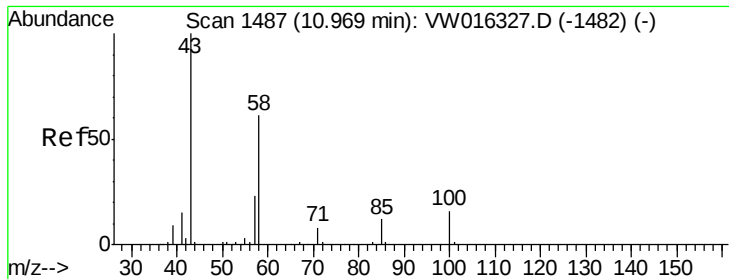
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#49

2-Hexanone

Concen: 2.966 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016341.D

Acq: 24 Aug 2020 19:27

Instrument :

MSVOA_W

ClientSampled :

BFSL2

Tot Ion: 43 Resp: 5042

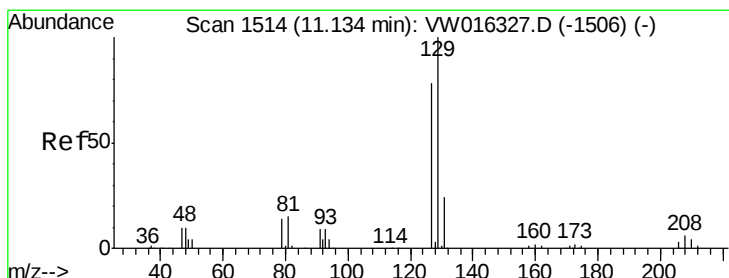
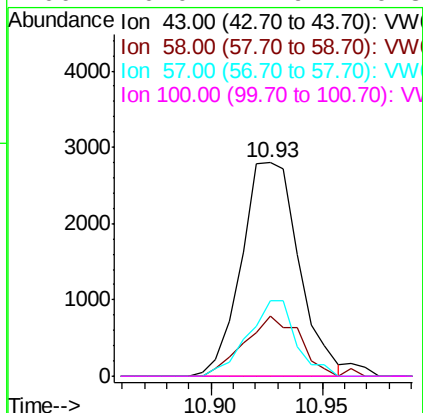
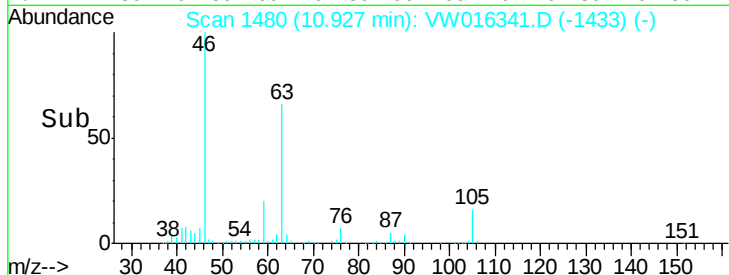
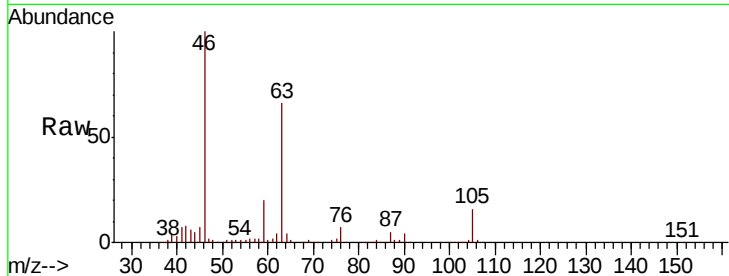
Ion Ratio Lower Upper

43 100

58 27.1 49.5 74.3#

57 29.8 17.7 26.5#

100 0.0 12.9 19.3#



#50

Dibromochloromethane

Concen: 6.139 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW016341.D

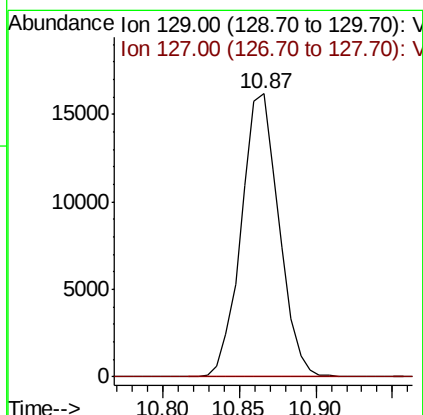
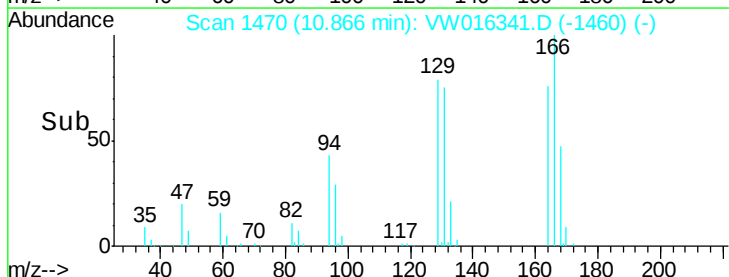
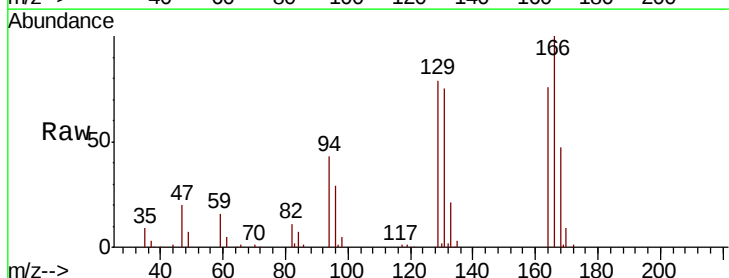
Acq: 24 Aug 2020 19:27

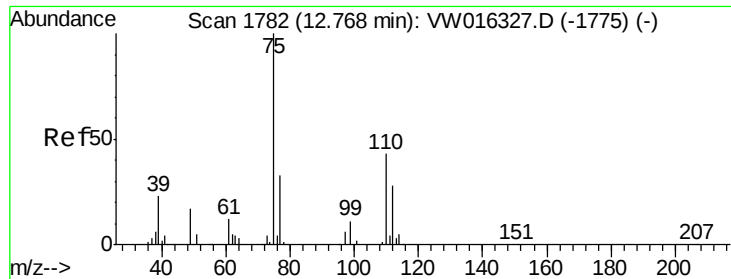
Tgt Ion: 129 Resp: 27700

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#





#59

1,2,3-Trichloropropane

Concen: 5.431 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016341.D

Acq: 24 Aug 2020 19:27

Instrument :

MSVOA_W

ClientSampleId :

BFSL2

Tot Ion: 75 Resp: 17003

Ion Ratio Lower Upper

75 100

77 39.8 27.1 40.7

