

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018575.D
 Acq On : 30 Sep 2020 17:50
 Operator : SY/MD
 Sample : L4117-19DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB4DL

Quant Time: Oct 01 07:42:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 07:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	388185	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	372008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191380	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83498	36.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.36%
7) Chloroethane-d5	1.58	69	82166	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.30%
11) 1,1-Dichloroethene-d2	2.12	63	141930	30.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.20%
21) 2-Butanone-d5	3.92	46	182629	107.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	4.38	84	200381	40.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.06	65	135575	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
32) Benzene-d6	5.08	84	401266	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
36) 1,2-Dichloropropane-d6	6.09	67	129527	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.98%
41) Toluene-d8	7.34	98	366858	41.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.76%
43) trans-1,3-Dichloropropene-	7.64	79	64655	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.08%
47) 2-Hexanone-d5	8.11	63	92643	85.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162258	42.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	167989	45.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.28%

Target Compounds

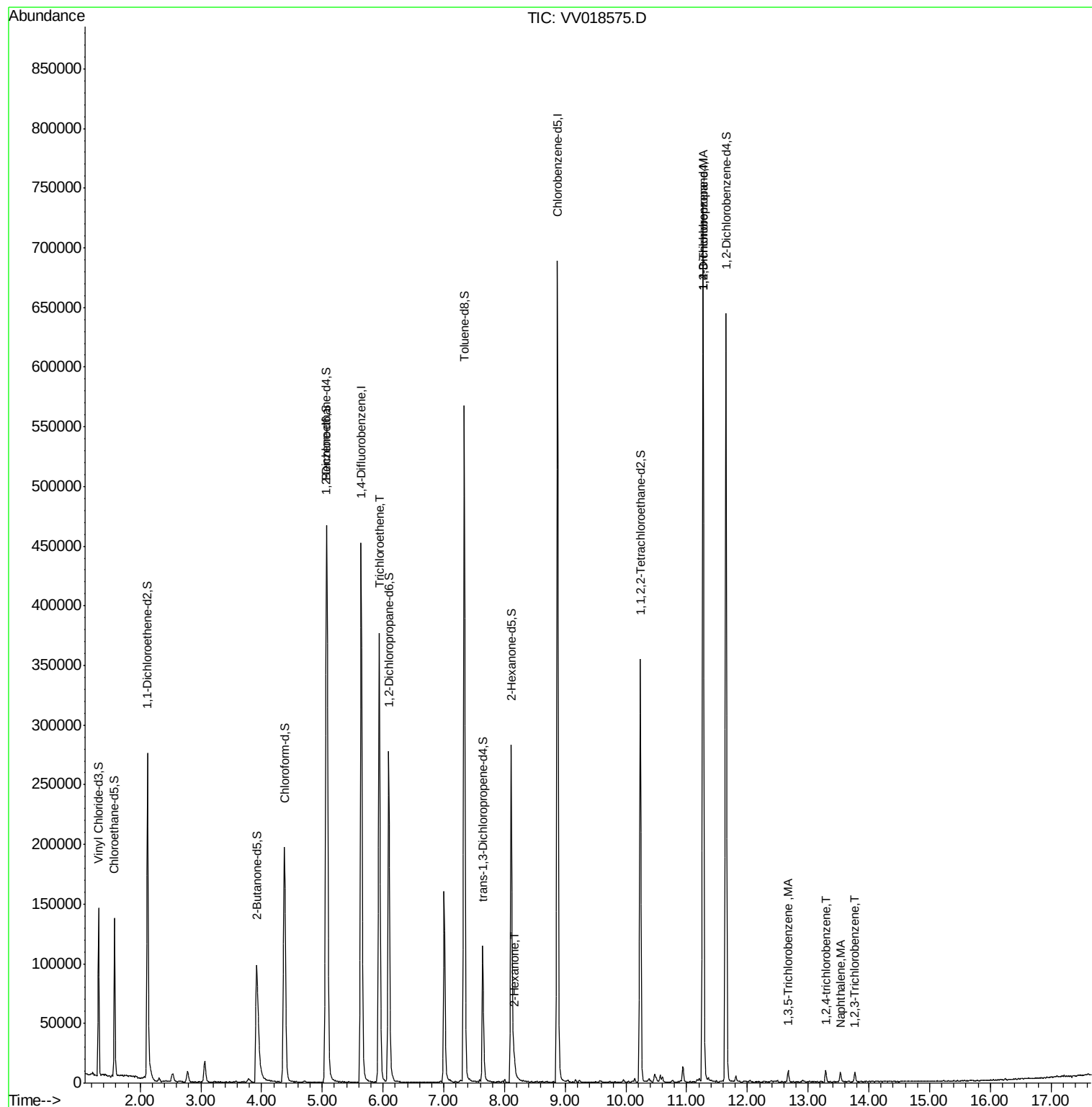
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) Trichloroethene	5.94	95	125055	39.414	ug/L	99
48) 2-Hexanone	8.16	43	8178	2.897	ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	22153	6.495	ug/L	89
67) 1,3,5-Trichlorobenzene	12.67	180	3476	0.810	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	3076	0.770	ug/L	90
69) Naphthalene	13.53	128	6726	0.589	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.77	180	2938	0.733	ug/L #	87

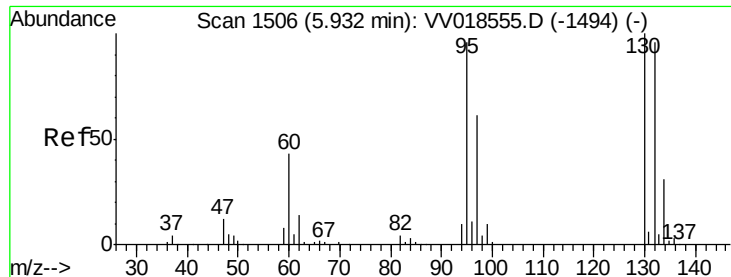
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 07:39:17 2020
Response via : Initial Calibration





#34

Trichloroethene

Concen: 39.414 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018575.D

Acq: 30 Sep 2020 17:50

Instrument :

MSVOA_V

ClientSampleId :

E0AB4DL

Tot Ion: 95 Resp: 125055

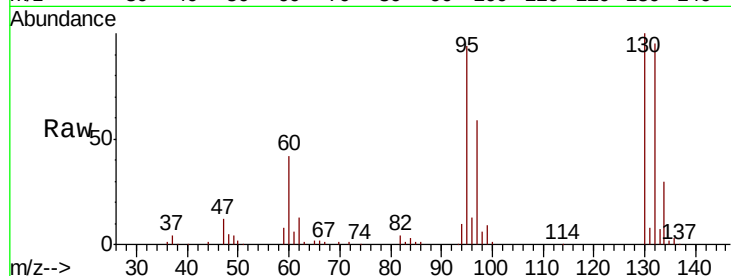
Ion Ratio Lower Upper

95 100

97 63.0 45.9 85.3

132 101.4 70.8 131.4

130 106.3 75.3 139.8

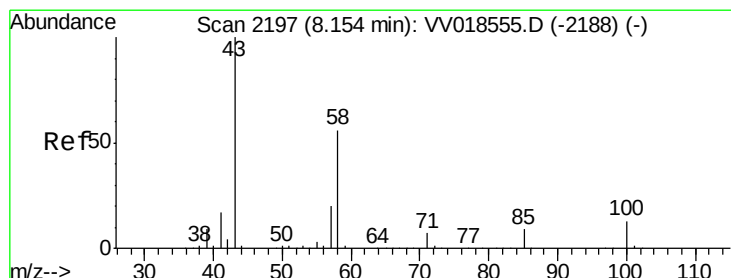
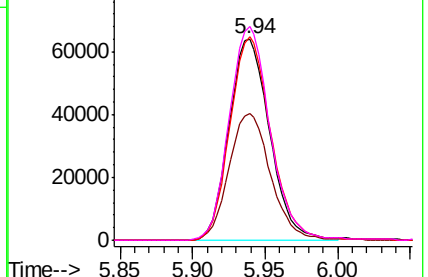
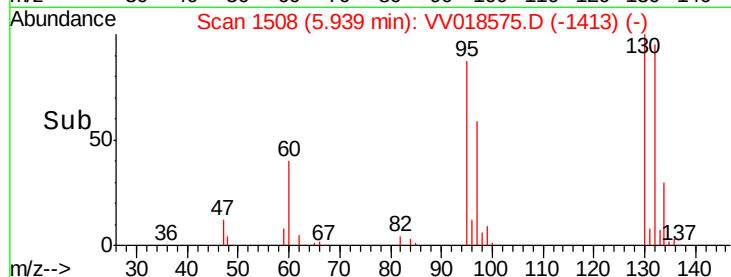


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#48

2-Hexanone

Concen: 2.897 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018575.D

Acq: 30 Sep 2020 17:50

Tgt Ion: 43 Resp: 8178

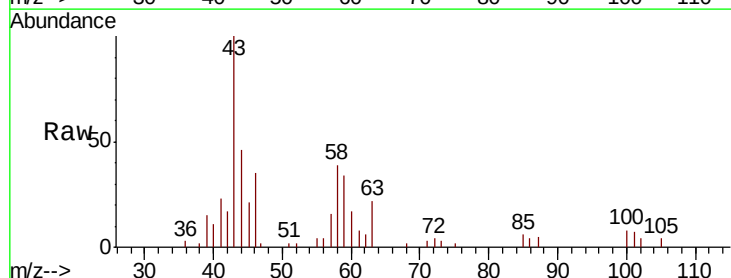
Ion Ratio Lower Upper

43 100

58 48.2 45.1 67.7

57 4.0 15.7 23.5#

100 3.4 11.0 16.4#

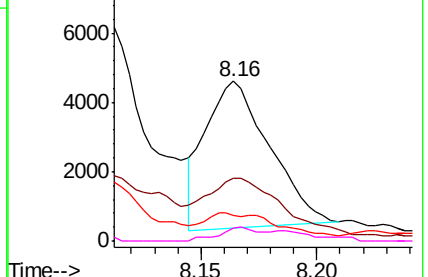
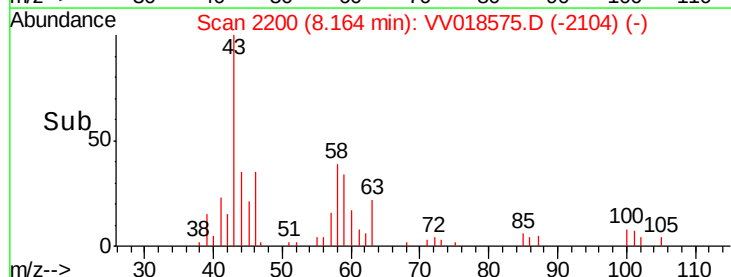


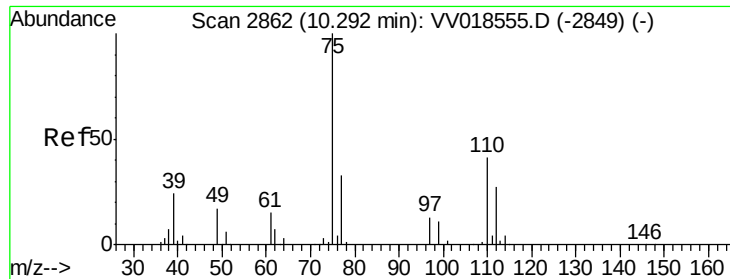
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.495 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018575.D

Acq: 30 Sep 2020 17:50

Instrument :

MSVOA_V

ClientSampled :

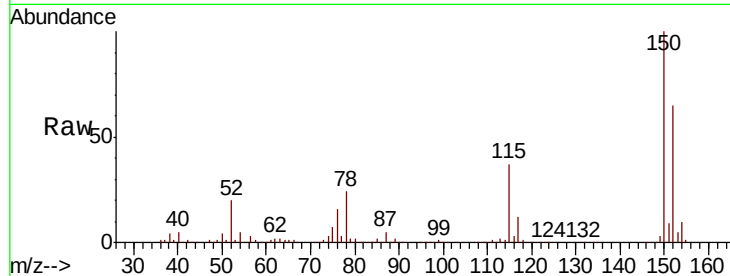
E0AB4DL

Tot Ion: 75 Resp: 22153

Ion Ratio Lower Upper

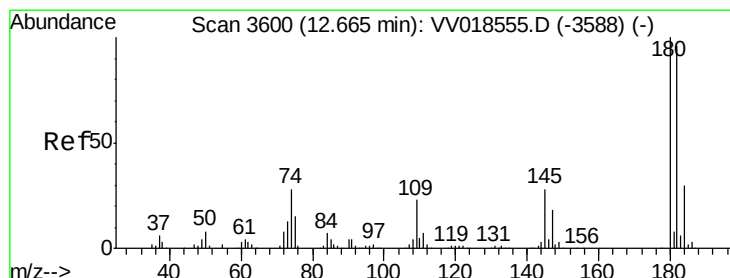
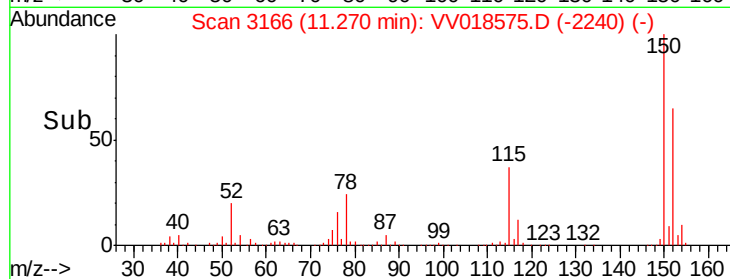
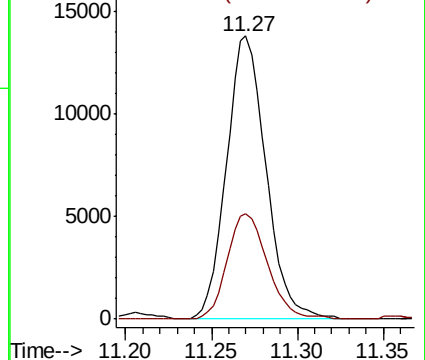
75 100

77 37.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#67

1,3,5-Trichlorobenzene

Concen: 0.810 ug/L

RT: 12.67 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VV018575.D

Acq: 30 Sep 2020 17:50

Tgt Ion:180 Resp: 3476

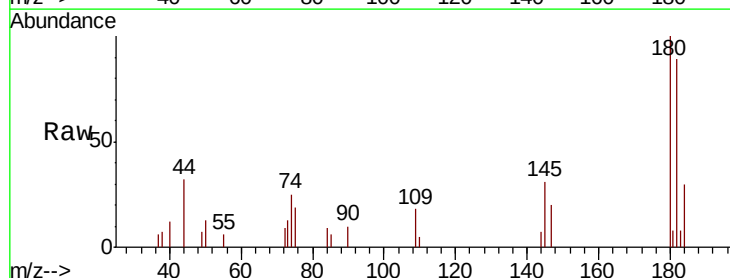
Ion Ratio Lower Upper

180 100

182 93.8 77.1 115.7

184 28.6 24.3 36.5

145 27.5 22.9 34.3

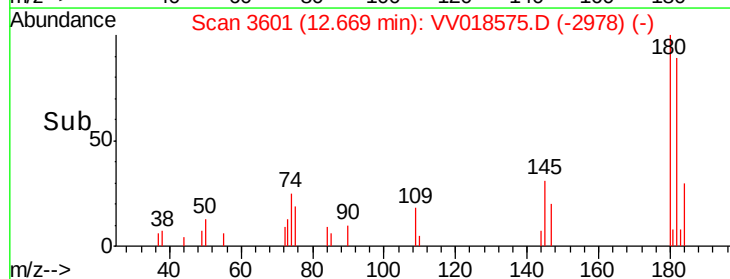
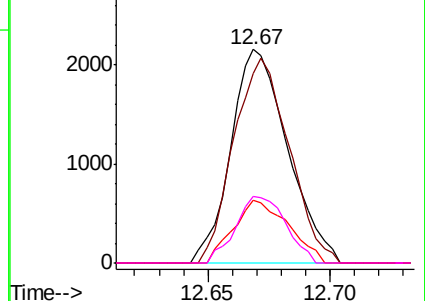


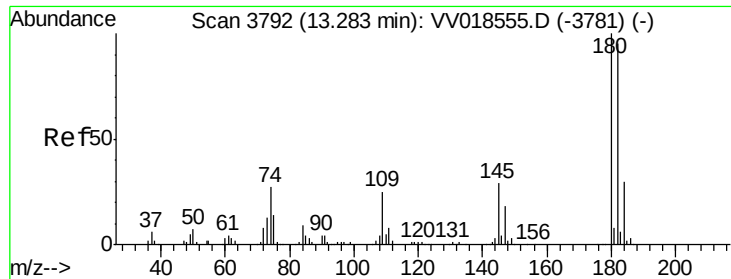
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

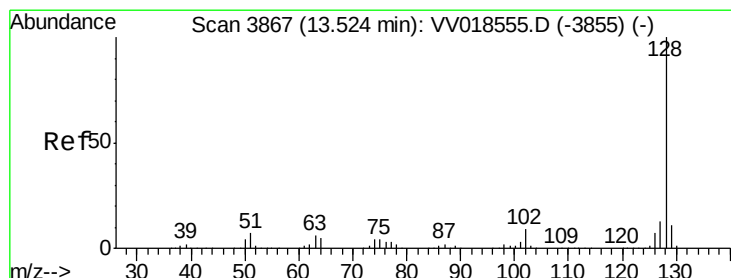
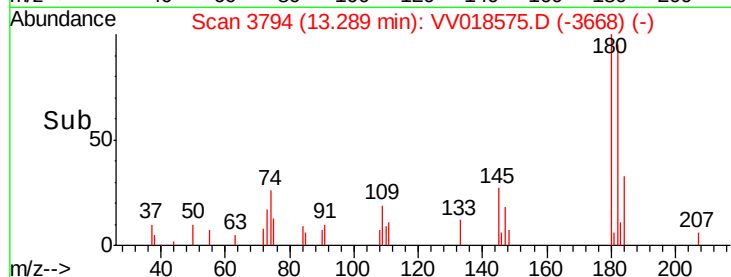
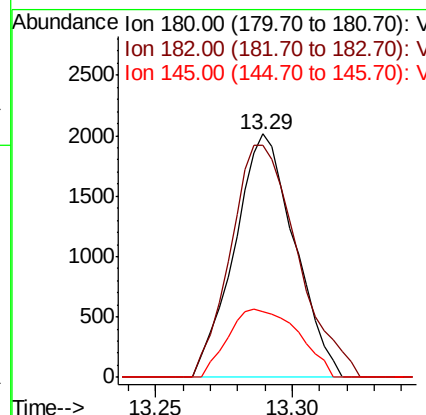
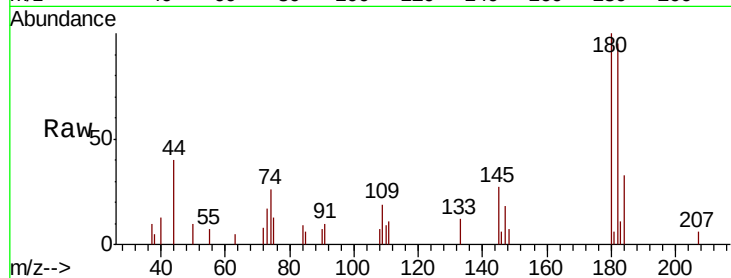




#68
 1,2,4-trichlorobenzene
 Concen: 0.770 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.01 min
 Lab File: VV018575.D
 Acq: 30 Sep 2020 17:50

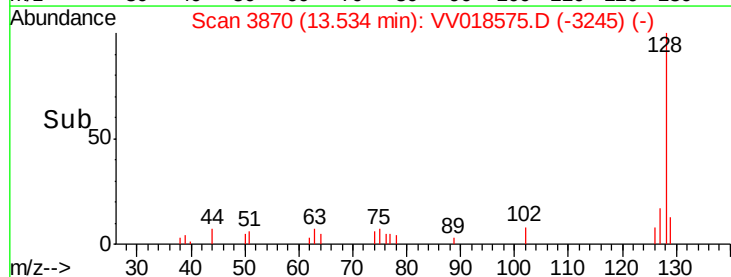
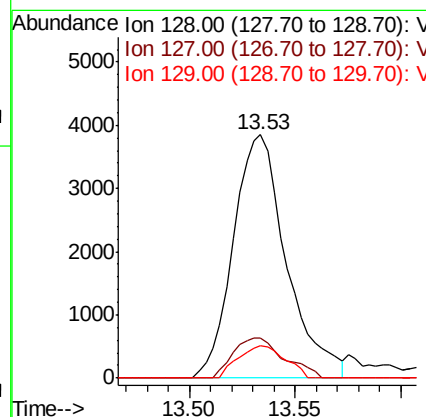
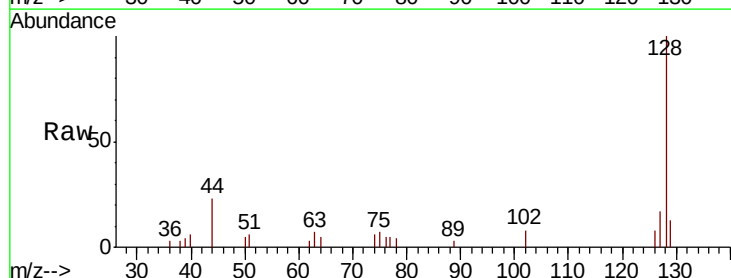
Instrument :
 MSVOA_V
 ClientSampled :
 E0AB4DL

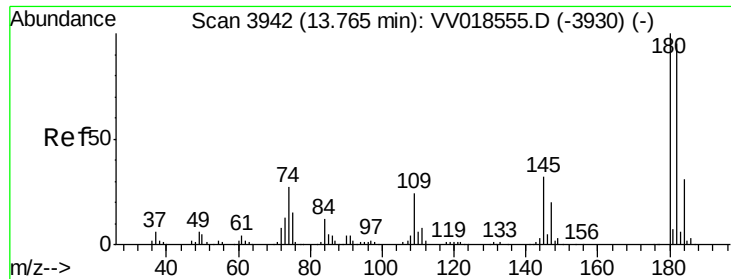
Tot Ion:180 Resp: 3076
 Ion Ratio Lower Upper
 180 100
 182 106.4 76.3 114.5
 145 32.9 23.6 35.4



#69
 Naphthalene
 Concen: 0.589 ug/L
 RT: 13.53 min Scan# 3870
 Delta R.T. 0.01 min
 Lab File: VV018575.D
 Acq: 30 Sep 2020 17:50

Tgt Ion:128 Resp: 6726
 Ion Ratio Lower Upper
 128 100
 127 15.7 10.3 15.5#
 129 11.8 8.6 12.8





#70

1,2,3-Trichlorobenzene

Concen: 0.733 ug/L

RT: 13.77 min Scan# 3945

Delta R.T. 0.01 min

Lab File: VV018575.D

Acq: 30 Sep 2020 17:50

Instrument :

MSVOA_V

ClientSampleId :

E0AB4DL

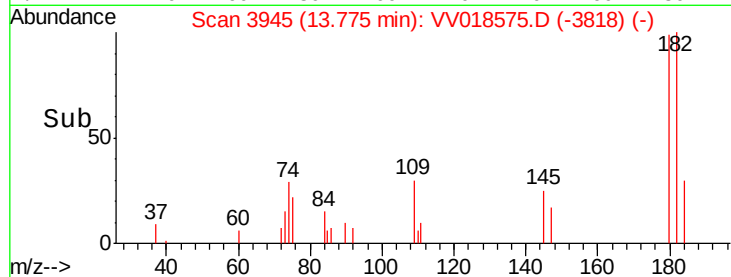
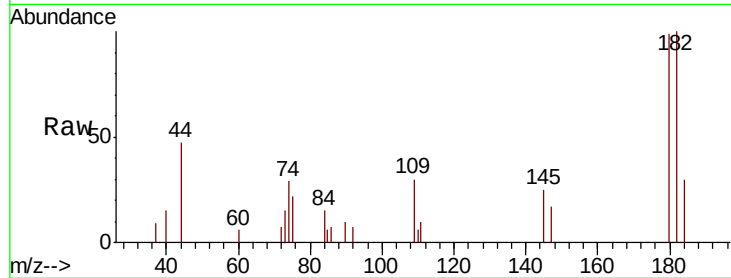
Tot Ion:180 Resp: 2938

Ion Ratio Lower Upper

180 100

182 103.3 77.1 115.7

145 13.3 25.1 37.7#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

