

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018497.D
 Acq On : 28 Sep 2020 16:50
 Operator : SY/MD
 Sample : L4117-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA3

Quant Time: Sep 29 00:53:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342345	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330307	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166015	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109874	39.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.76%
7) Chloroethane-d5	1.58	69	94273	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.58%
11) 1,1-Dichloroethene-d2	2.12	63	156851	30.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.30%
21) 2-Butanone-d5	3.91	46	159789	93.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.57%
24) Chloroform-d	4.38	84	204112	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
26) 1,2-Dichloroethane-d4	5.06	65	133469	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
32) Benzene-d6	5.08	84	414396	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
36) 1,2-Dichloropropane-d6	6.09	67	135294	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.06%
41) Toluene-d8	7.34	98	369000	42.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.64%
43) trans-1,3-Dichloropropene-	7.64	79	65625	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
47) 2-Hexanone-d5	8.11	63	98656	86.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167780	44.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	160507	47.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.16%

Target Compounds

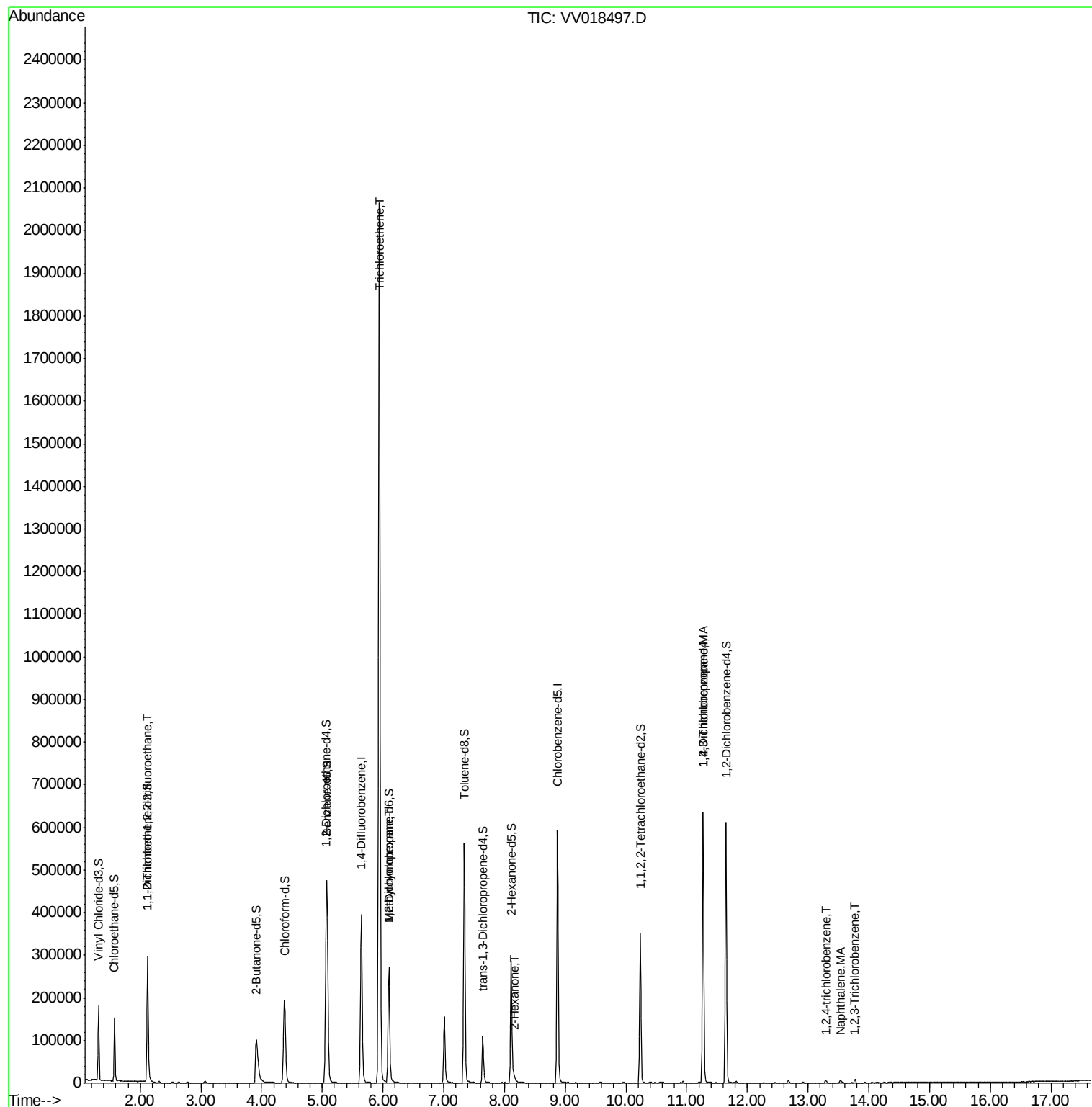
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1760	0.762 ug/L #	32
34) Trichloroethene	5.94	95	717257	278.804 ug/L	99
35) Methylcyclohexane	6.09	83	32250	8.326 ug/L #	18
48) 2-Hexanone	8.16	43	6346	2.651 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	18916	6.427 ug/L	95
68) 1,2,4-trichlorobenzene	13.29	180	2508	0.724 ug/L	96
69) Naphthalene	13.53	128	6461	0.737 ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	2690	0.788 ug/L	98

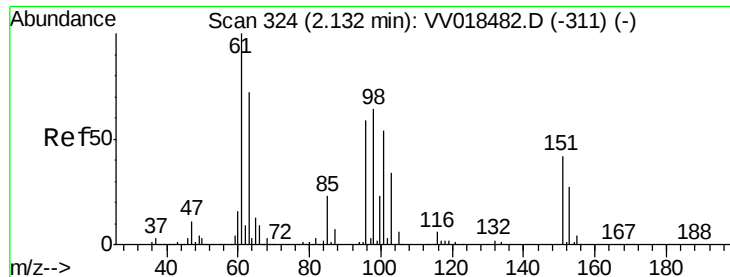
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration





#10

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

Concen: 0.762 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018497.D

Acq: 28 Sep 2020 16:50

Instrument :

MSVOA_V

ClientSampleId :

E0AA3

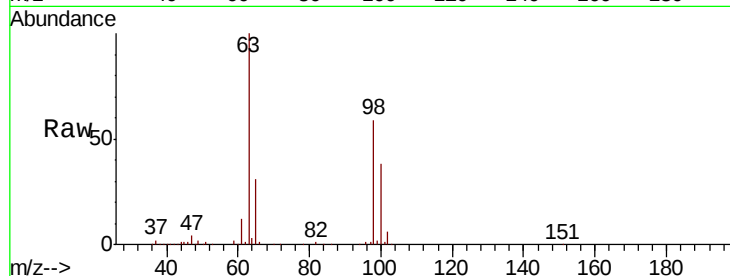
Tot Ion:101 Resp: 1760

Ion Ratio Lower Upper

101 100

85 3.7 33.5 50.3#

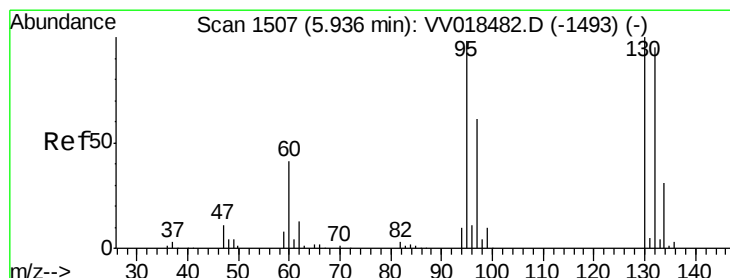
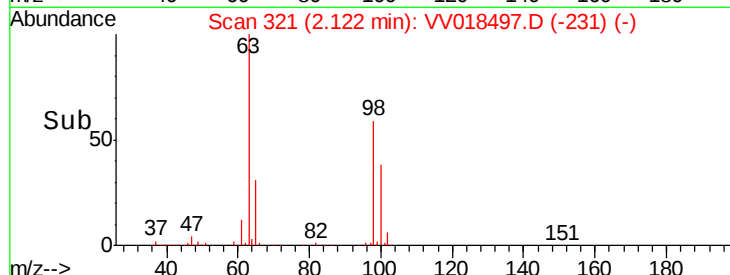
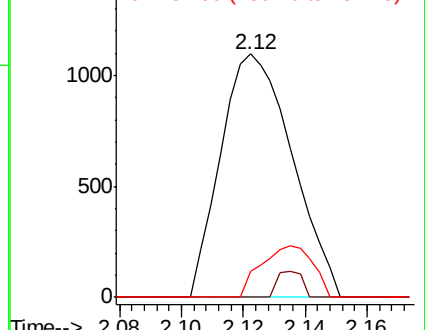
151 15.3 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 278.804 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018497.D

Acq: 28 Sep 2020 16:50

Tgt Ion: 95 Resp: 717257

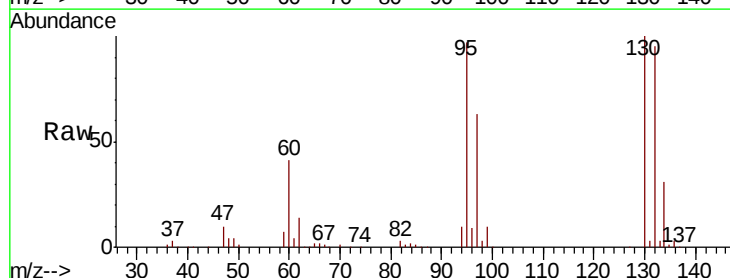
Ion Ratio Lower Upper

95 100

97 64.9 46.3 85.9

132 98.4 68.1 126.5

130 103.4 71.5 132.9

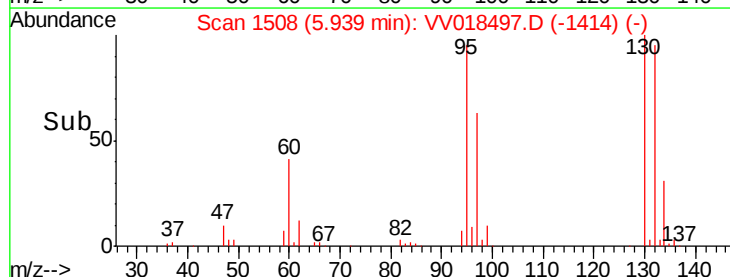
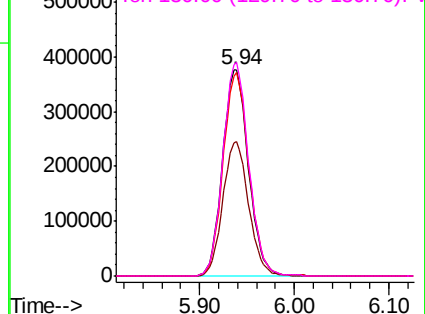


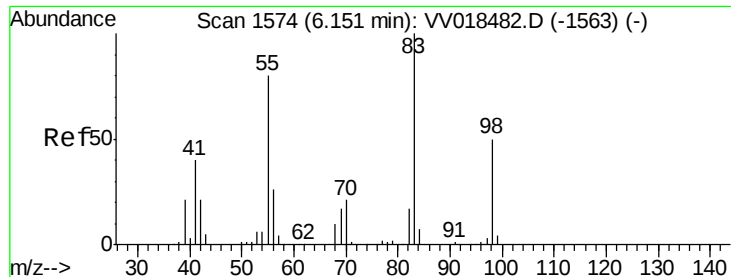
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

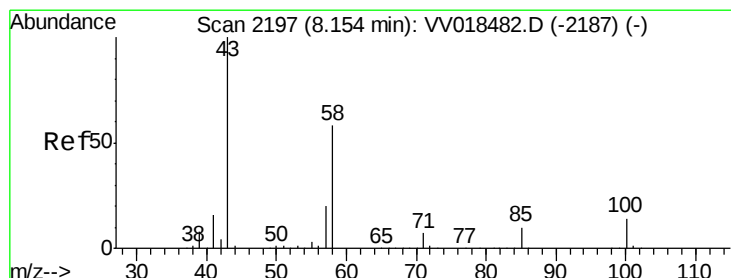
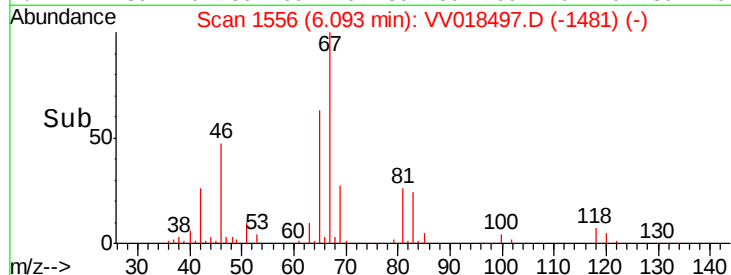
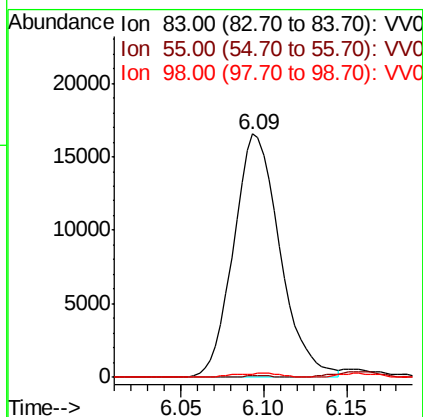
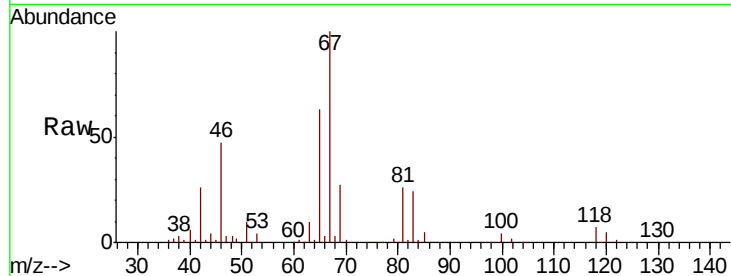




#35
Methylcyclohexane
Concen: 8.326 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018497.D
Acq: 28 Sep 2020 16:50

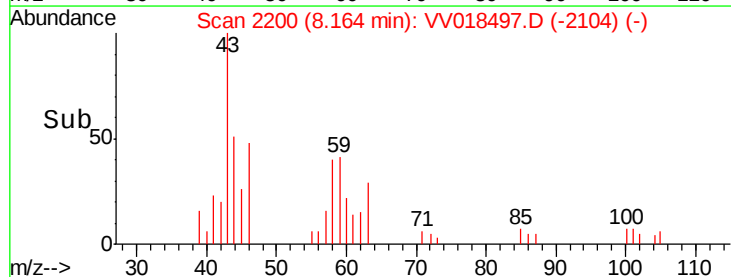
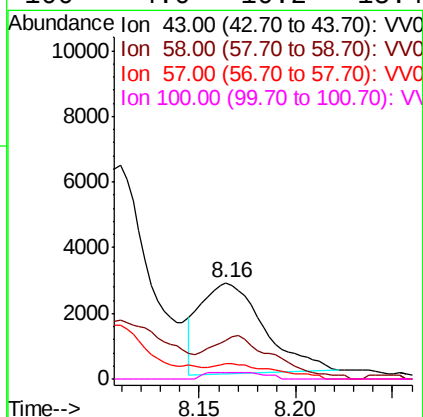
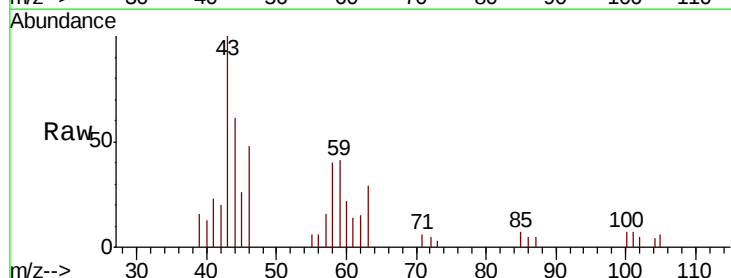
Instrument :
MSVOA_V
ClientSampleId :
E0AA3

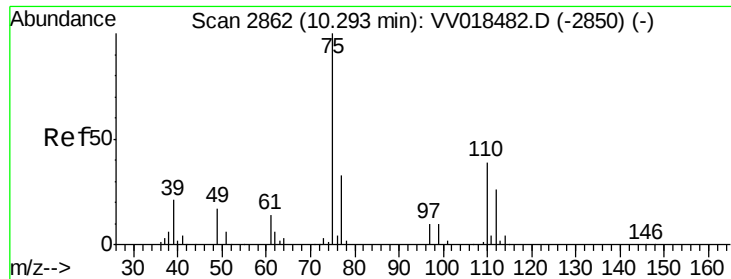
Tot Ion: 83 Resp: 32250
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 1.0 38.8 58.2#



#48
2-Hexanone
Concen: 2.651 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018497.D
Acq: 28 Sep 2020 16:50

Tgt Ion: 43 Resp: 6346
Ion Ratio Lower Upper
43 100
58 48.5 44.8 67.2
57 3.9 15.8 23.6#
100 4.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.427 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018497.D

Acq: 28 Sep 2020 16:50

Instrument :

MSVOA_V

ClientSampled :

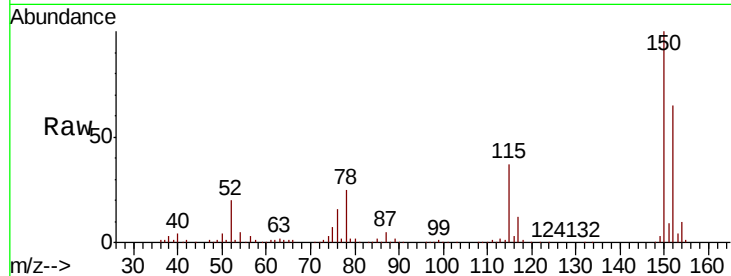
E0AA3

Tot Ion: 75 Resp: 18916

Ion Ratio Lower Upper

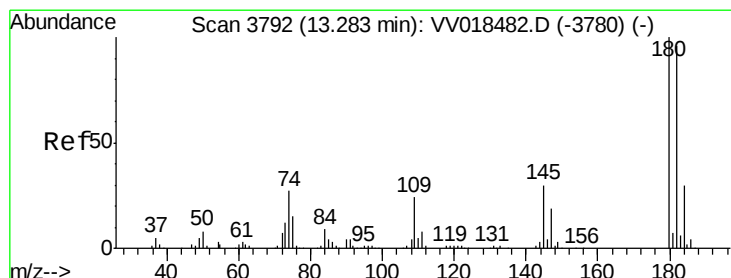
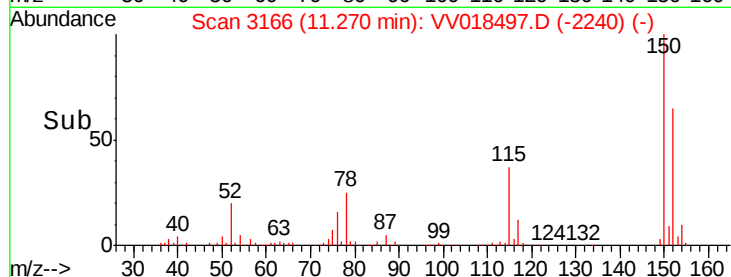
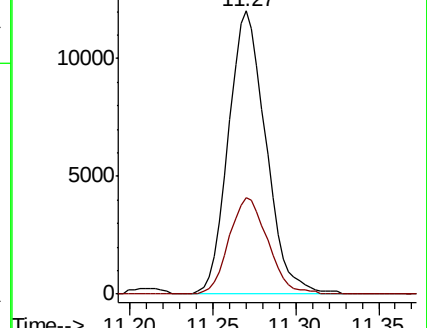
75 100

77 35.1 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV018497.D (-3166) (-)

Ion 77.00 (76.70 to 77.70): VV018497.D (-3166) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.724 ug/L

RT: 13.29 min Scan# 3795

Delta R.T. 0.01 min

Lab File: VV018497.D

Acq: 28 Sep 2020 16:50

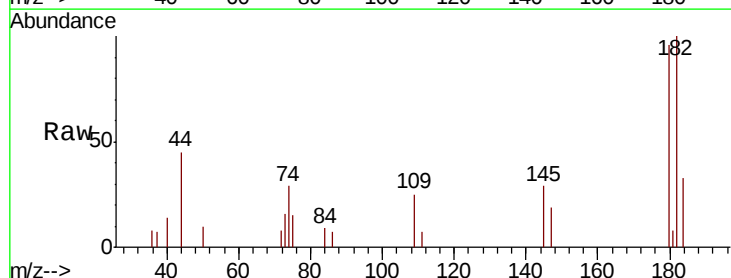
Tgt Ion: 180 Resp: 2508

Ion Ratio Lower Upper

180 100

182 101.0 77.4 116.2

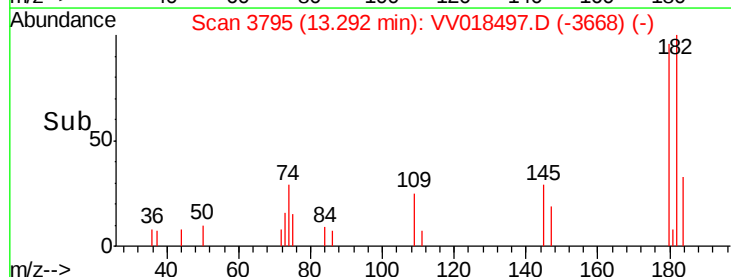
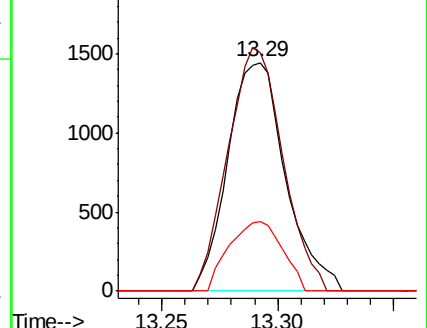
145 27.8 23.2 34.8

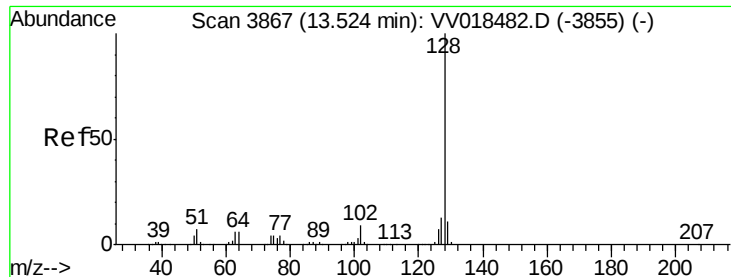


Abundance Ion 180.00 (179.70 to 180.70): VV018497.D (-3795) (-)

Ion 182.00 (181.70 to 182.70): VV018497.D (-3795) (-)

Ion 145.00 (144.70 to 145.70): VV018497.D (-3795) (-)





#69

Naphthalene

Concen: 0.737 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV018497.D

Acq: 28 Sep 2020 16:50

Instrument :

MSVOA_V

ClientSampleId :

E0AA3

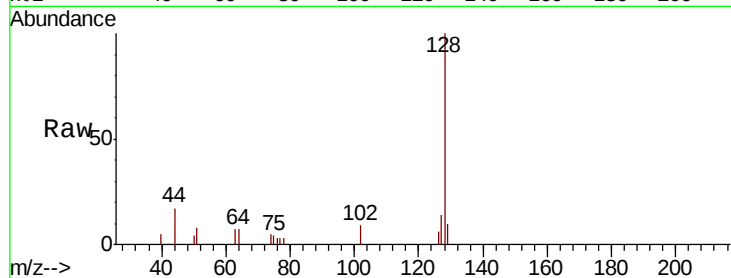
Tot Ion:128 Resp: 6461

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

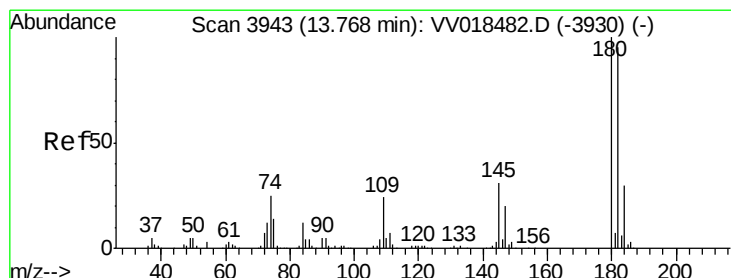
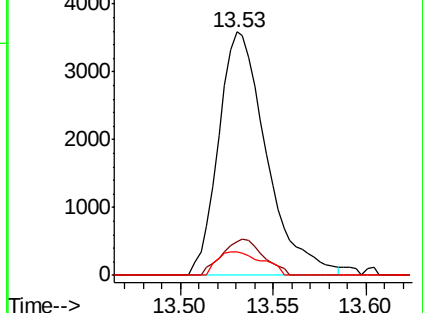
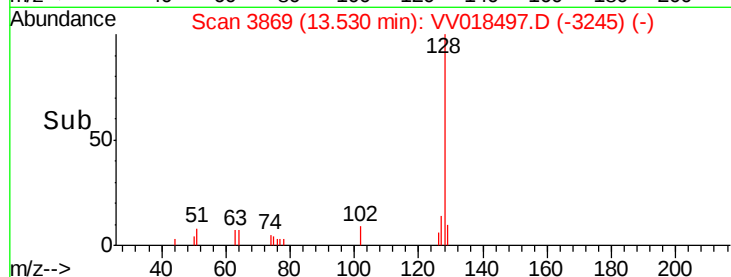
129 9.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.788 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VV018497.D

Acq: 28 Sep 2020 16:50

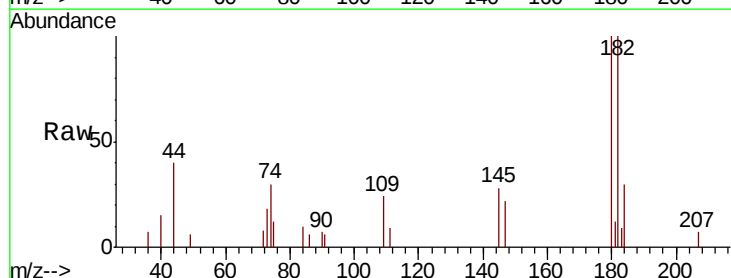
Tgt Ion:180 Resp: 2690

Ion Ratio Lower Upper

180 100

182 95.5 76.5 114.7

145 26.5 24.9 37.3



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

