

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016809.D
 Acq On : 11 Jun 2020 07:31
 Operator : SY/MD
 Sample : L2901-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTT4

Quant Time: Jun 11 07:51:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 04:06:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	301458	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142534	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94666	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.00%
7) Chloroethane-d5	1.55	69	55534	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.02%
11) 1,1-Dichloroethene-d2	2.11	63	111610	31.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.50%
21) 2-Butanone-d5	3.89	46	190650	121.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.10%
24) Chloroform-d	4.37	84	192811	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
26) 1,2-Dichloroethane-d4	5.05	65	143287	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.07	84	368783	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
36) 1,2-Dichloropropane-d6	6.09	67	116305	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.82%
41) Toluene-d8	7.34	98	320827	42.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.16%
43) trans-1,3-Dichloropropene-	7.64	79	56836	42.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.28%
47) 2-Hexanone-d5	8.11	63	119540	105.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172935	50.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	145661	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%

Target Compounds

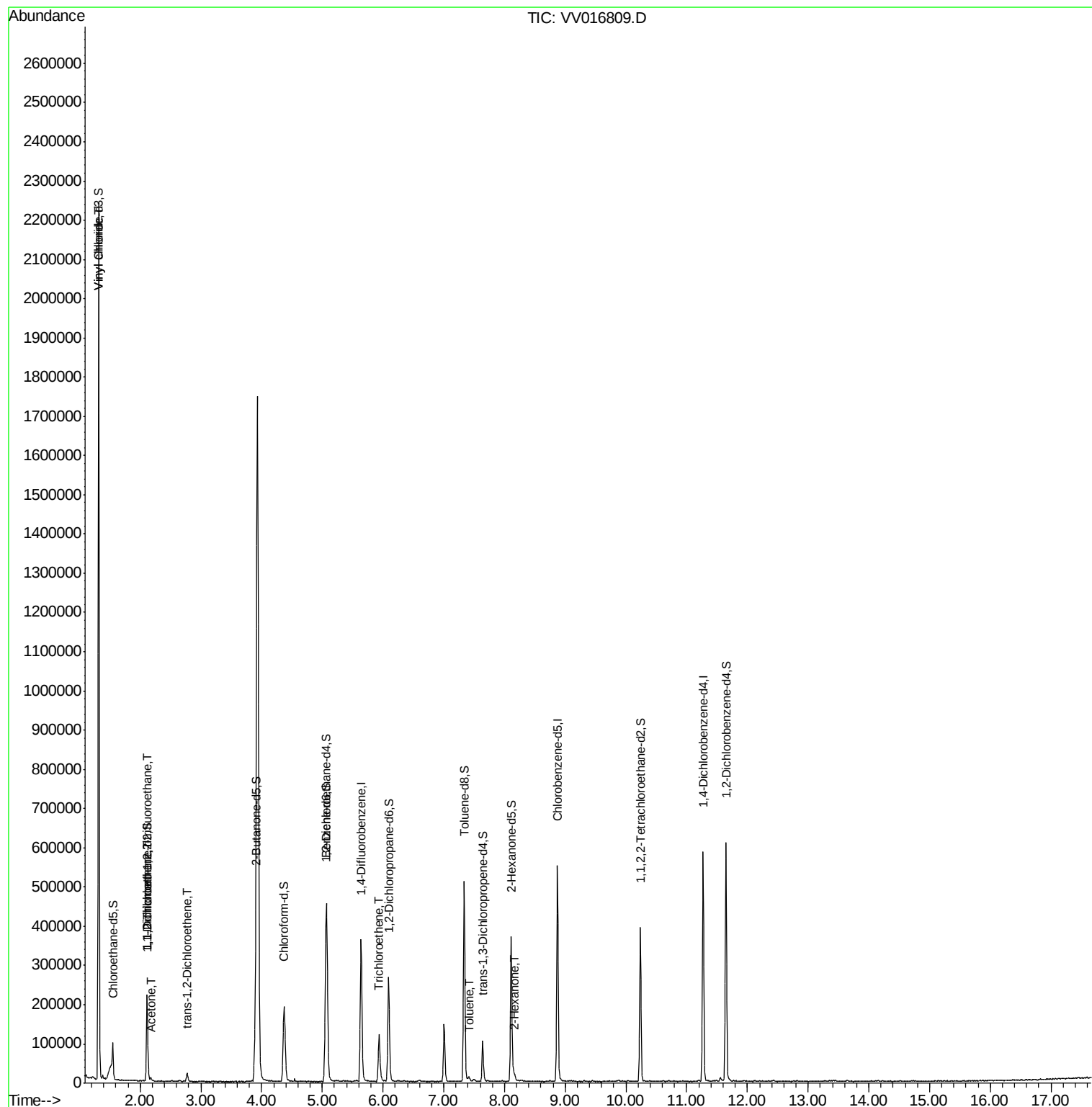
					Ovalue
5) Vinyl chloride	1.32	62	1257682	585.148	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1108	0.691	ug/L # 26
12) 1,1-Dichloroethene	2.13	96	9690	6.476	ug/L # 1
13) Acetone	2.17	43	8085	7.794	ug/L 90
17) trans-1,2-Dichloroethene	2.77	96	8066	3.954	ug/L 90
34) Trichloroethene	5.94	95	38026	16.627	ug/L 97
42) Toluene	7.41	91	6884	0.766	ug/L 90
48) 2-Hexanone	8.17	43	6615	2.715	ug/L # 85

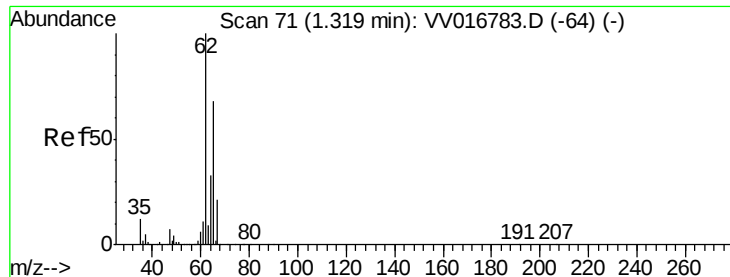
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 11 04:06:22 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 585.148 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016809.D

Acq: 11 Jun 2020 07:31

Instrument :

MSVOA_V

ClientSampleId :

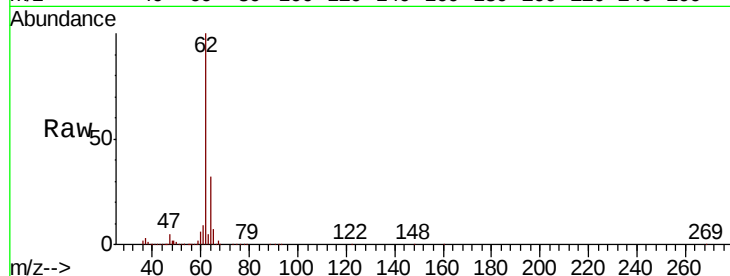
ETTT4

Tot Ion: 62 Resp: 1257682

Ion Ratio Lower Upper

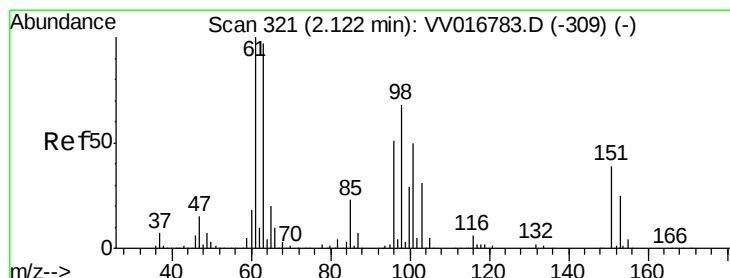
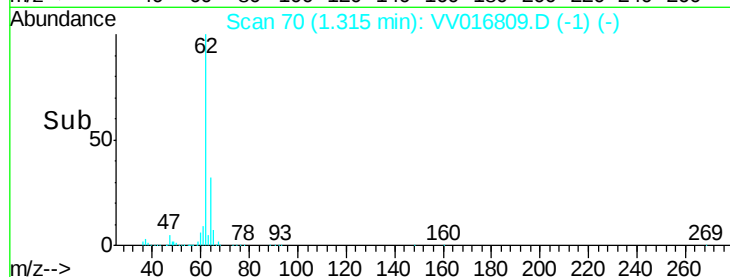
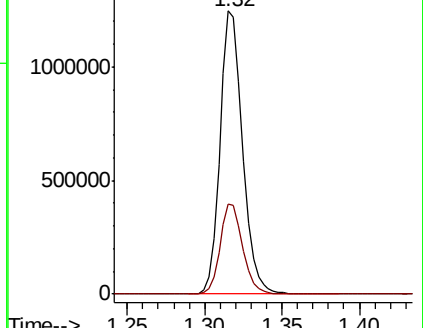
62 100

64 31.8 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV016809.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VV016809.D (-1) (-)



#10

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

Concen: 0.691 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016809.D

Acq: 11 Jun 2020 07:31

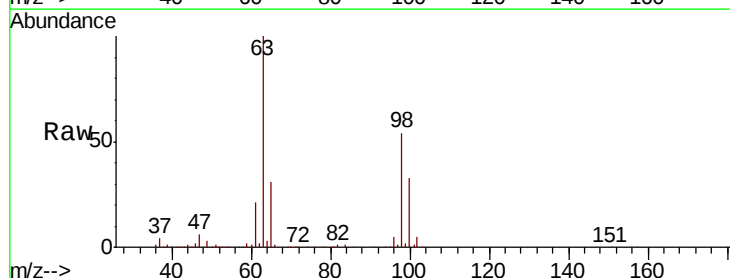
Tgt Ion: 101 Resp: 1108

Ion Ratio Lower Upper

101 100

85 7.1 35.5 53.3#

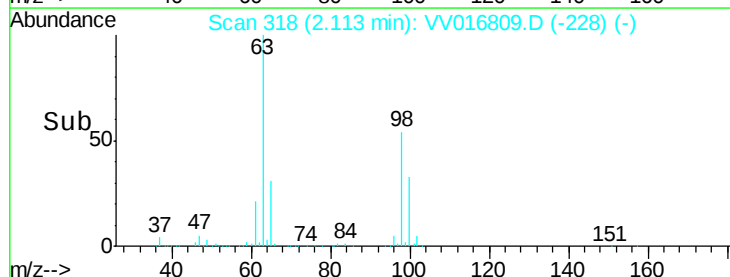
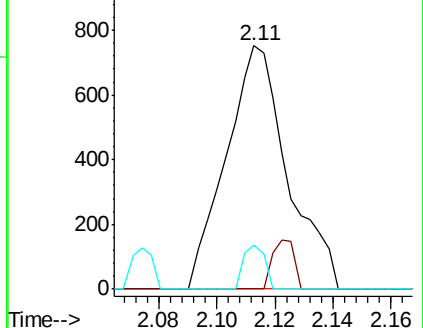
151 6.2 63.9 95.9#

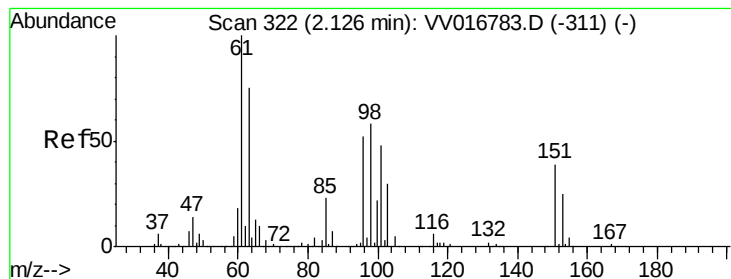


Abundance Ion 101.00 (100.70 to 101.70): VV016809.D (-228) (-)

Ion 85.00 (84.70 to 85.70): VV016809.D (-228) (-)

Ion 151.00 (150.70 to 151.70): VV016809.D (-228) (-)





#12

1,1-Dichloroethene

Concen: 6.476 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV016809.D

Acq: 11 Jun 2020 07:31

Instrument :

MSVOA_V

ClientSampleId :

ETTT4

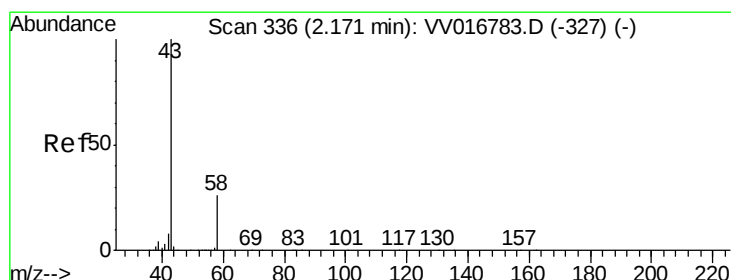
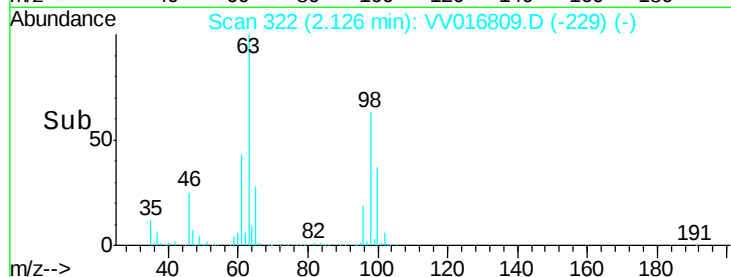
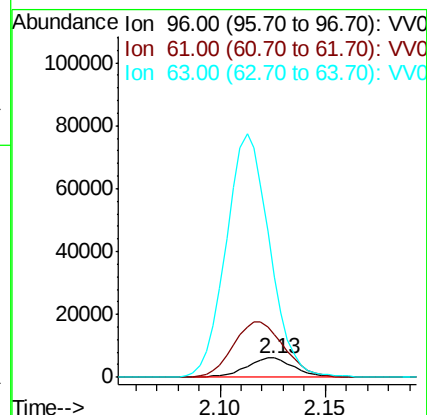
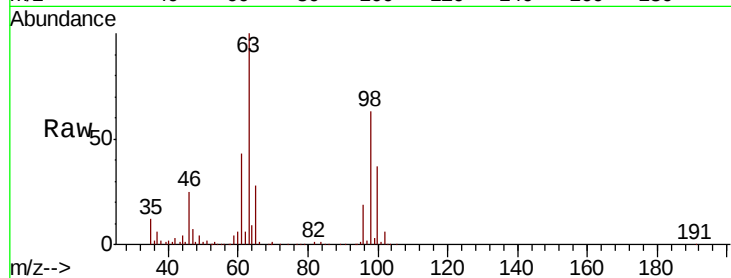
Tot Ion: 96 Resp: 9690

Ion Ratio Lower Upper

96 100

61 223.5 130.4 242.2

63 521.9 103.3 191.9#



#13

Acetone

Concen: 7.794 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016809.D

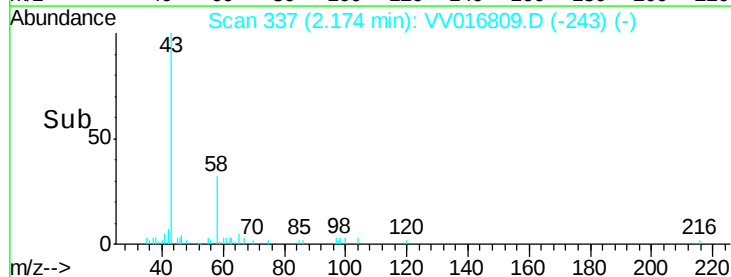
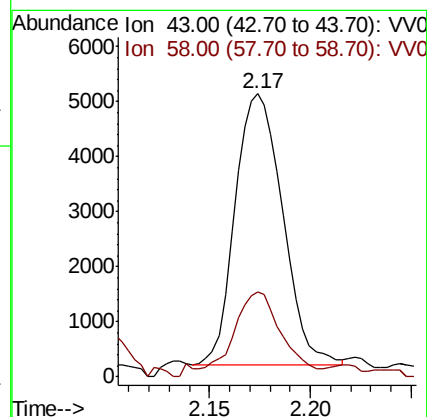
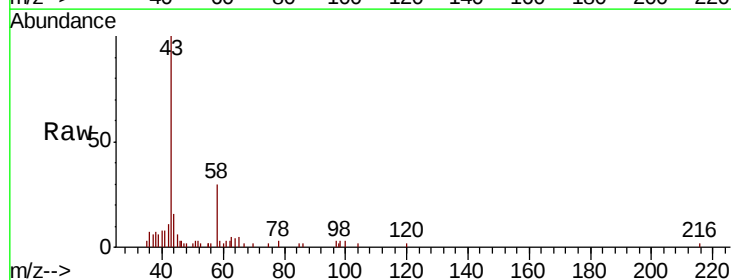
Acq: 11 Jun 2020 07:31

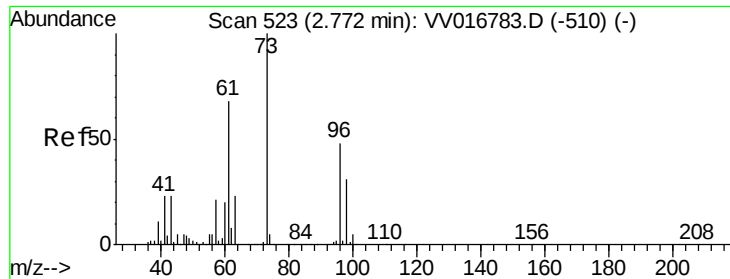
Tgt Ion: 43 Resp: 8085

Ion Ratio Lower Upper

43 100

58 32.6 0.0 55.2





#17

trans-1,2-Dichloroethene

Concen: 3.954 ug/L

RT: 2.77 min Scan# 523

Delta R.T. 0.00 min

Lab File: VV016809.D

Acq: 11 Jun 2020 07:31

Instrument :

MSVOA_V

ClientSampleId :

ETTT4

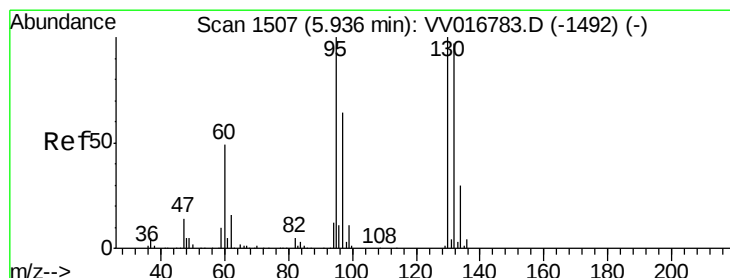
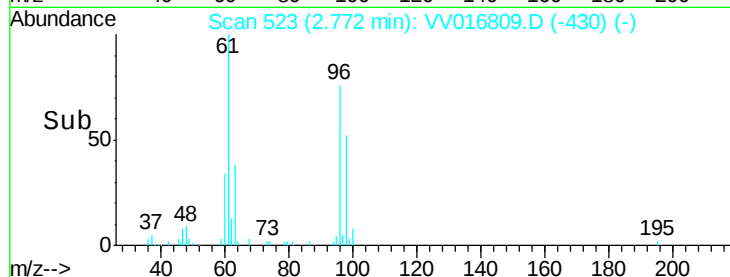
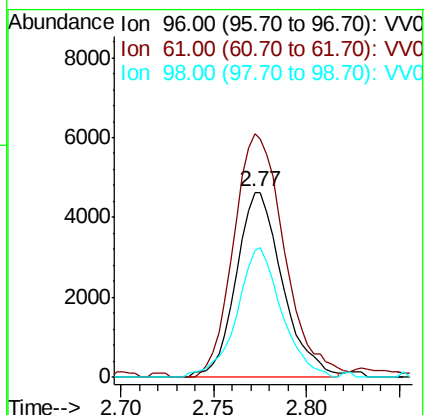
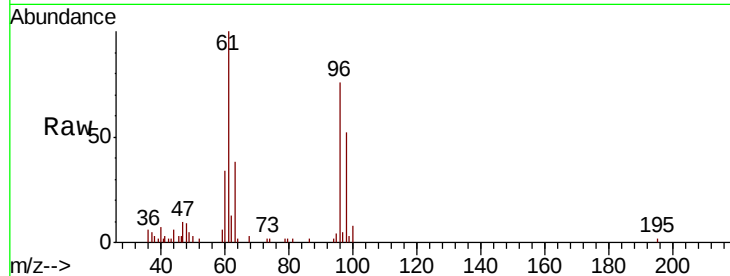
Tot Ion: 96 Resp: 8066

Ion Ratio Lower Upper

96 100

61 131.6 102.9 191.1

98 68.4 45.5 84.5



#34

Trichloroethene

Concen: 16.627 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016809.D

Acq: 11 Jun 2020 07:31

Tgt Ion: 95 Resp: 38026

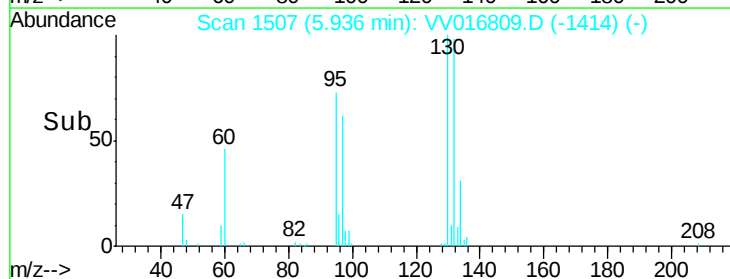
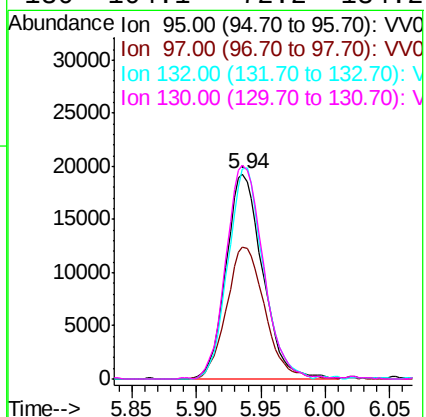
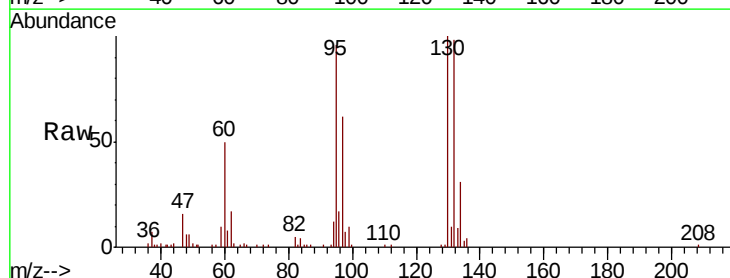
Ion Ratio Lower Upper

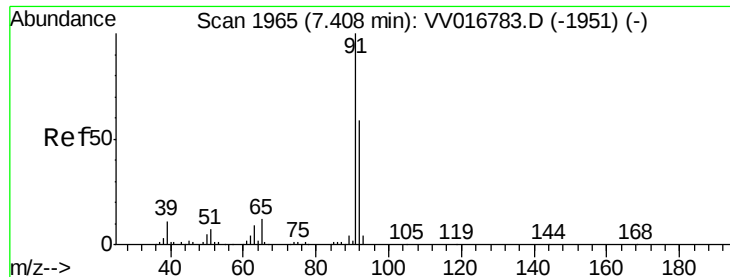
95 100

97 64.3 44.3 82.3

132 102.5 67.9 126.1

130 104.1 72.2 134.2





#42

Toluene

Concen: 0.766 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016809.D

Acq: 11 Jun 2020 07:31

Instrument :

MSVOA_V

ClientSampleId :

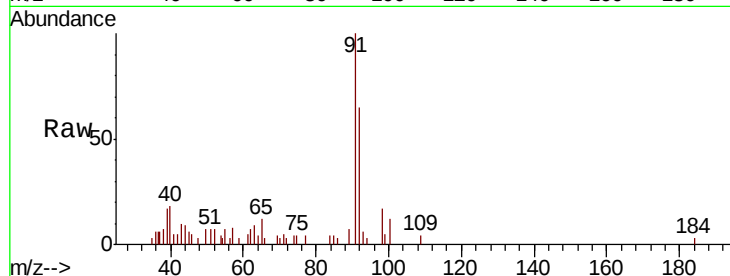
ETTT4

Tot Ion: 91 Resp: 6884

Ion Ratio Lower Upper

91 100

92 65.0 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016783.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV016783.D (-1951) (-)

7.41

3000

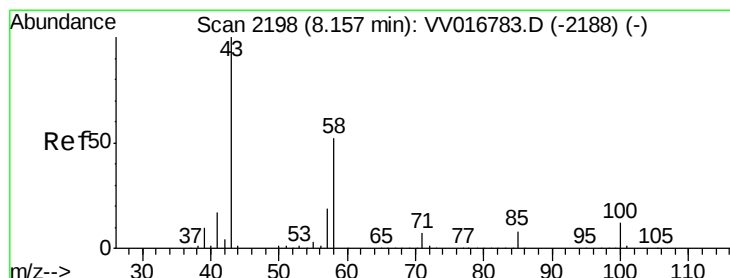
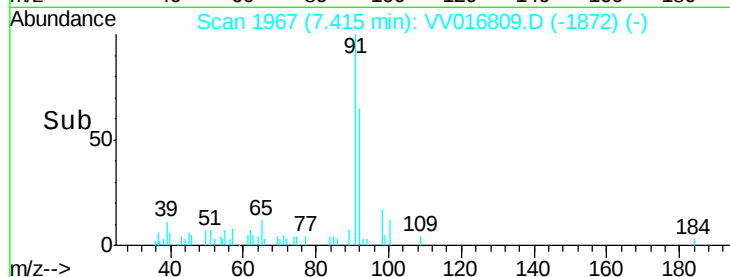
2000

1000

0

7.35 7.40 7.45

Time-->



#48

2-Hexanone

Concen: 2.715 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV016809.D

Acq: 11 Jun 2020 07:31

Tgt Ion: 43 Resp: 6615

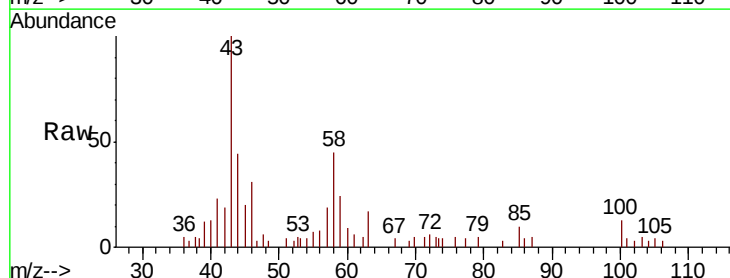
Ion Ratio Lower Upper

43 100

58 43.1 43.1 64.7#

57 14.9 15.3 22.9#

100 3.4 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV016783.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV016783.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV016783.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV016783.D (-2188) (-)

10000

8000

6000

4000

2000

0

8.15 8.20

Time-->

