

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019728.D
 Acq On : 19 Dec 2020 10:52
 Operator : SY/MD
 Sample : L5151-05ME
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE7ME

Quant Time: Dec 21 03:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.61	114	817034	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	789619	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	381067	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	215922	36.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.70%
7) Chloroethane-d5	1.57	69	160809	34.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.60%#
11) 1,1-Dichloroethene-d2	2.09	63	324175	29.81	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.62%#
21) 2-Butanone-d5	3.89	46	289141	90.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.80%
24) Chloroform-d	4.35	84	434670	41.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.34%
26) 1,2-Dichloroethane-d4	5.03	65	306513	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
32) Benzene-d6	5.05	84	864843	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.14%
36) 1,2-Dichloropropane-d6	6.07	67	286645	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.90%
41) Toluene-d8	7.32	98	763451	40.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.52%
43) trans-1,3-Dichloropropene-	7.62	79	137419	36.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.24%
47) 2-Hexanone-d5	8.13	63	226515	87.49	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.49%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	344083	38.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.12%
64) 1,2-Dichlorobenzene-d4	11.64	152	284211	39.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.80%#

Target Compounds

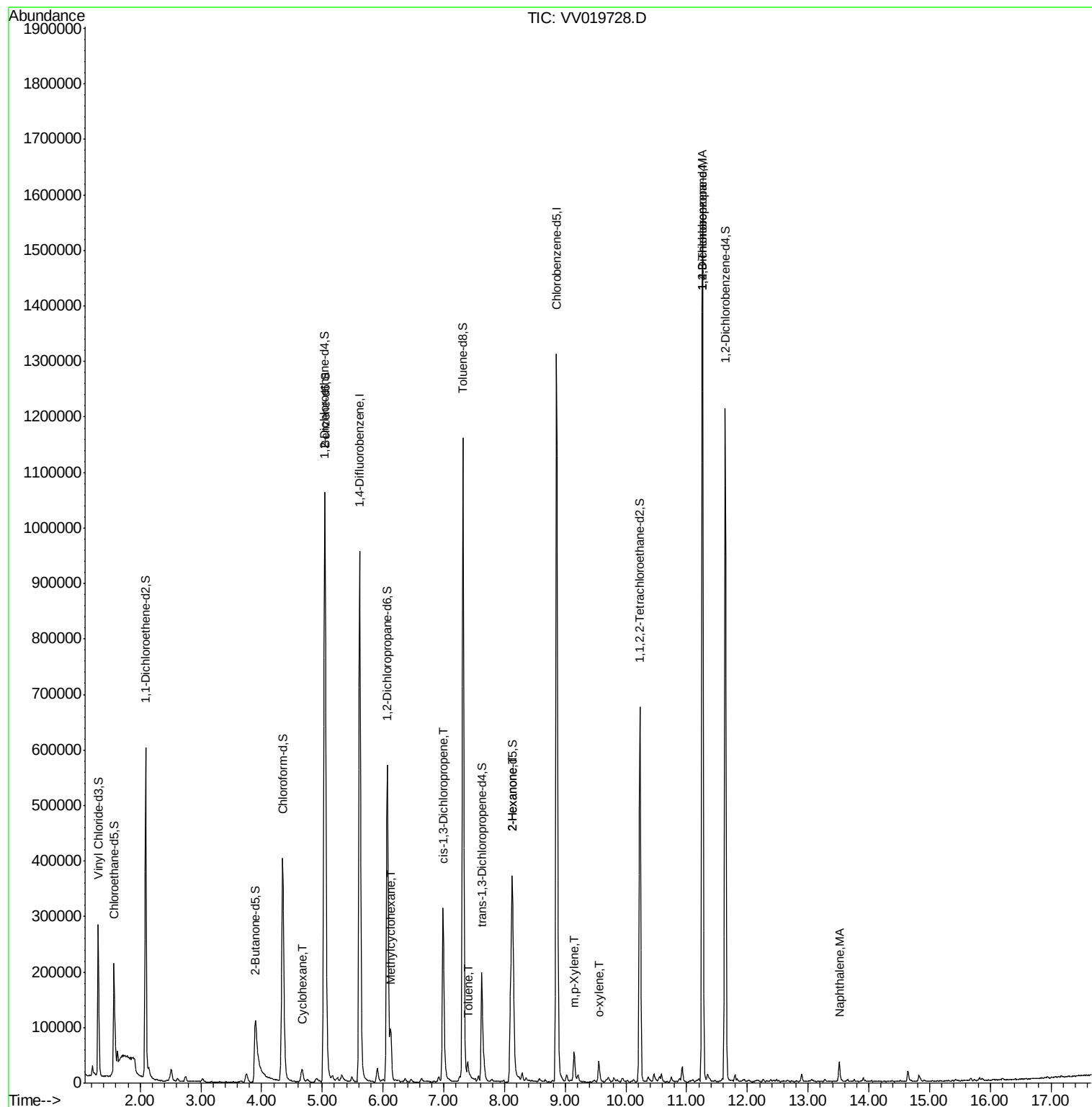
					Ovalue
29) Cyclohexane	4.67	56	11167	1.154 ug/L #	90
35) Methylcyclohexane	6.13	83	33857	3.656 ug/L	99
39) cis-1,3-Dichloropropene	6.99	75	9422	0.941 ug/L #	72
42) Toluene	7.40	91	25081	1.031 ug/L	100
48) 2-Hexanone	8.13	43	34861	5.284 ug/L #	59
53) m,p-Xylene	9.14	106	15989	1.544 ug/L	100
54) o-xylene	9.55	106	10512	1.036 ug/L	91
59) 1,2,3-Trichloropropane	11.26	75	51944	6.929 ug/L	97
69) Naphthalene	13.51	128	26189	0.977 ug/L	97

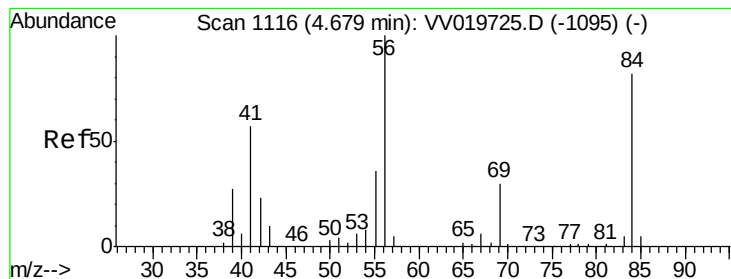
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Dec 21 03:36:59 2020
Response via : Initial Calibration





#29

Cyclohexane

Concen: 1.154 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VV019728.D

Acq: 19 Dec 2020 10:52

Instrument :

MSVOA_V

ClientSampleId :

C0AE7ME

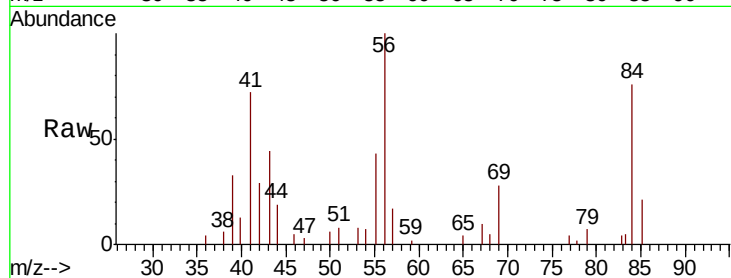
Tot Ion: 56 Resp: 11167

Ion Ratio Lower Upper

56 100

69 13.7 24.6 37.0#

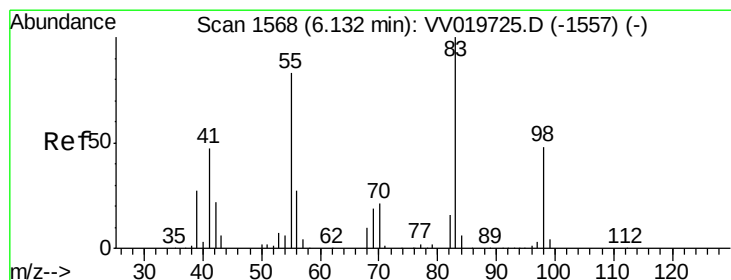
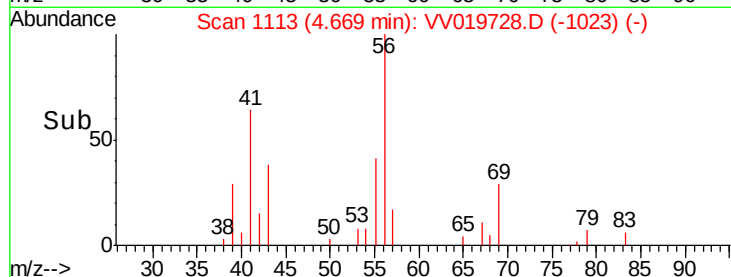
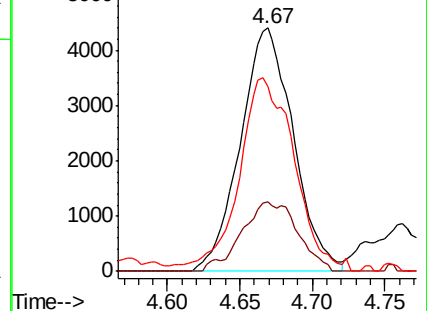
84 82.8 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VV019725.D (-1095) (-)

Ion 69.00 (68.70 to 69.70): VV019725.D (-1095) (-)

Ion 84.00 (83.70 to 84.70): VV019725.D (-1095) (-)



#35

Methylcyclohexane

Concen: 3.656 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VV019728.D

Acq: 19 Dec 2020 10:52

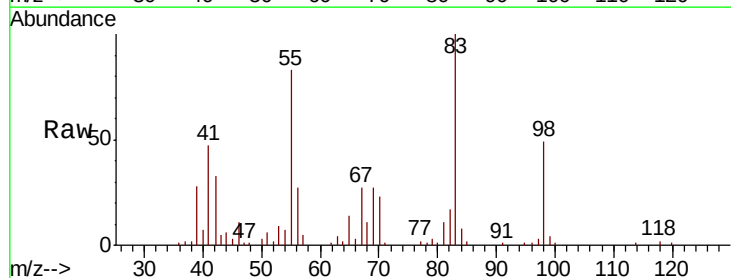
Tgt Ion: 83 Resp: 33857

Ion Ratio Lower Upper

83 100

55 80.7 64.2 96.4

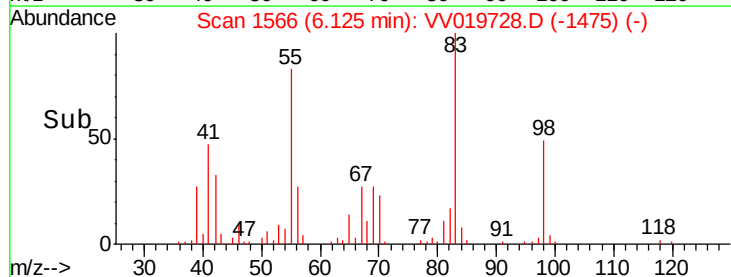
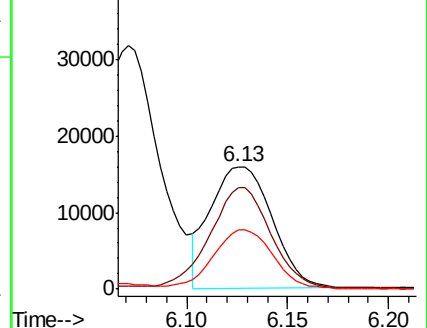
98 47.7 39.3 58.9

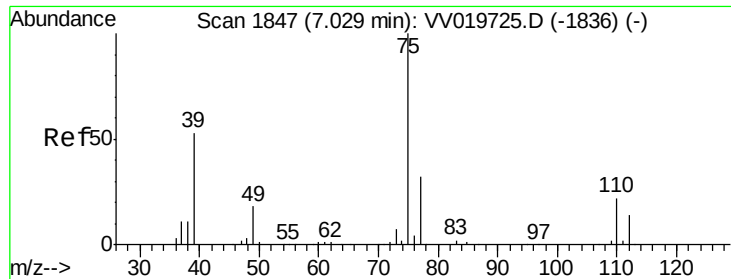


Abundance Ion 83.00 (82.70 to 83.70): VV019725.D (-1557) (-)

Ion 55.00 (54.70 to 55.70): VV019725.D (-1557) (-)

Ion 98.00 (97.70 to 98.70): VV019725.D (-1557) (-)

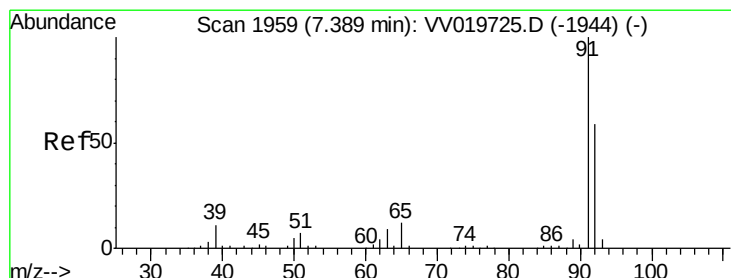
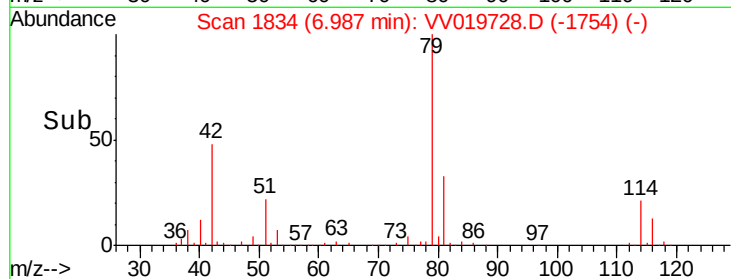
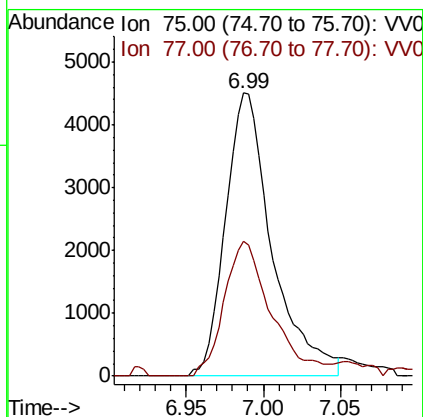
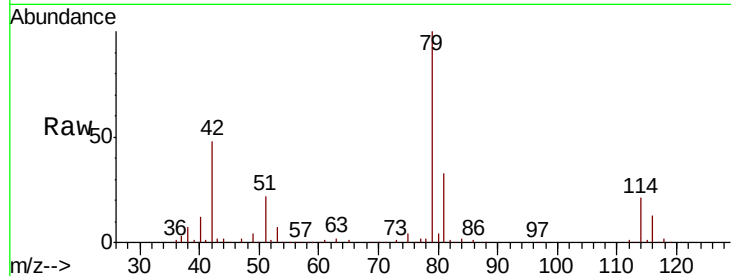




#39
 cis-1,3-Dichloropropene
 Concen: 0.941 ug/L
 RT: 6.99 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: VV019728.D
 Acq: 19 Dec 2020 10:52

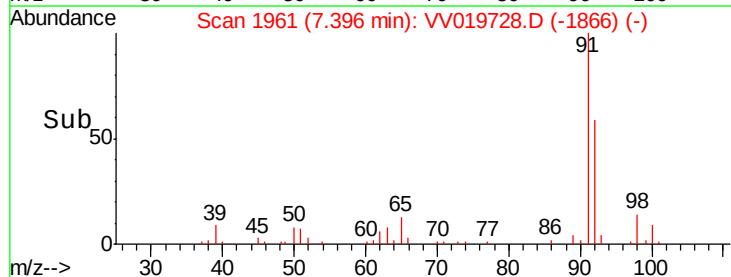
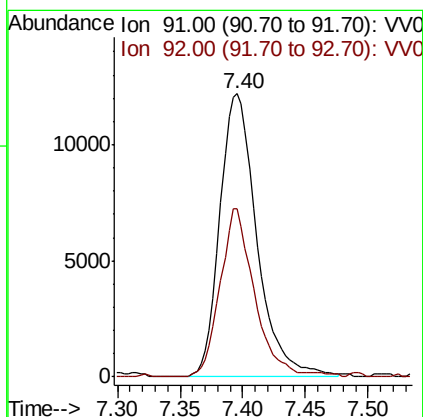
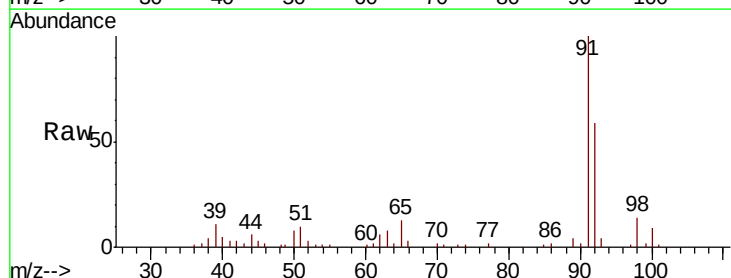
Instrument :
 MSVOA_V
 ClientSampleId :
 COAE7ME

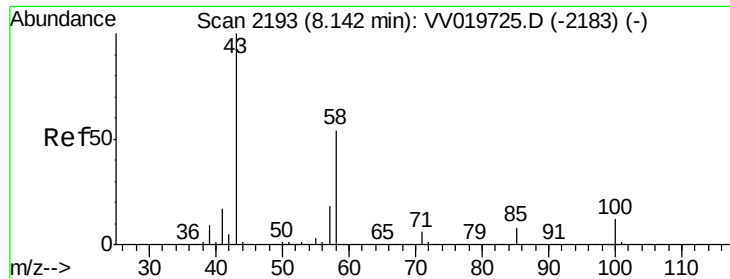
Tot Ion: 75 Resp: 9422
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.4 41.6#



#42
 Toluene
 Concen: 1.031 ug/L
 RT: 7.40 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: VV019728.D
 Acq: 19 Dec 2020 10:52

Tgt Ion: 91 Resp: 25081
 Ion Ratio Lower Upper
 91 100
 92 59.4 41.4 76.8





#48

2-Hexanone

Concen: 5.284 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.01 min

Lab File: VV019728.D

Acq: 19 Dec 2020 10:52

Instrument :

MSVOA_V

ClientSampled :

COAE7ME

Tot Ion: 43 Resp: 34861

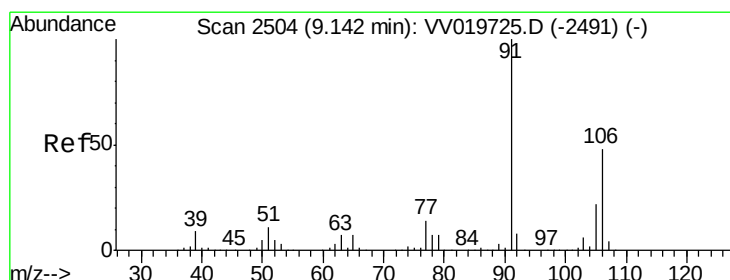
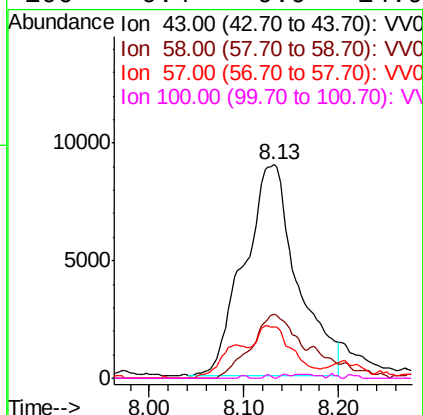
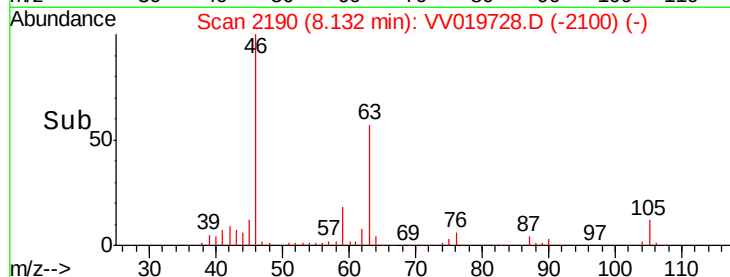
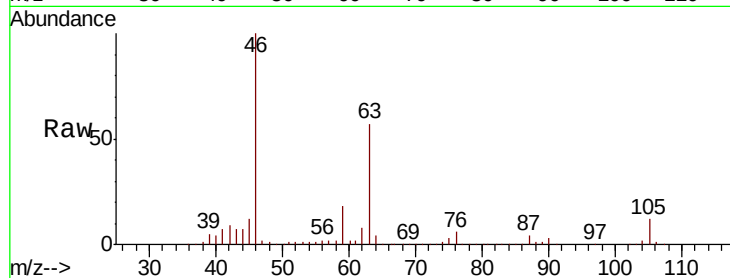
Ion Ratio Lower Upper

43 100

58 24.7 44.4 66.6#

57 0.0 15.7 23.5#

100 0.4 9.9 14.9#



#53

m,p-Xylene

Concen: 1.544 ug/L

RT: 9.14 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VV019728.D

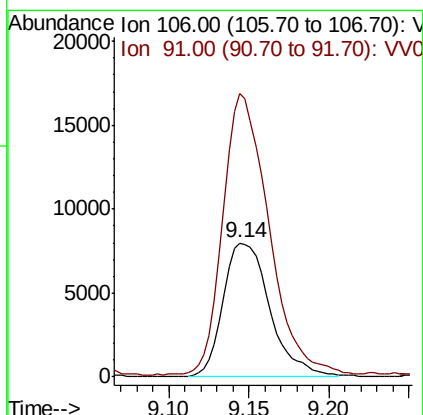
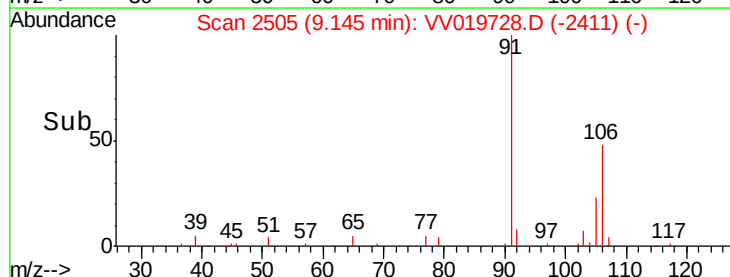
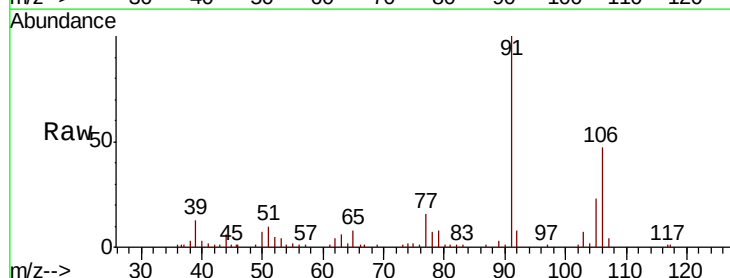
Acq: 19 Dec 2020 10:52

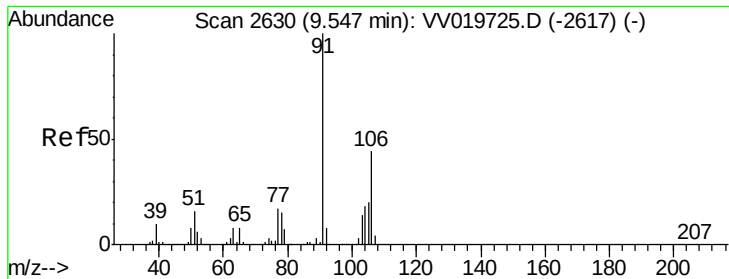
Tgt Ion: 106 Resp: 15989

Ion Ratio Lower Upper

106 100

91 211.2 147.7 274.3

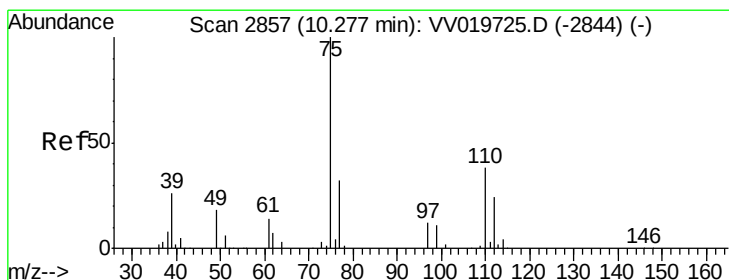
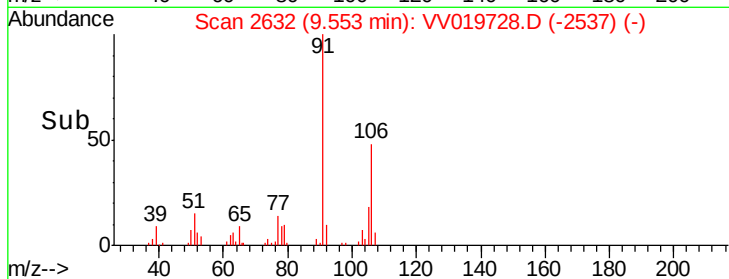
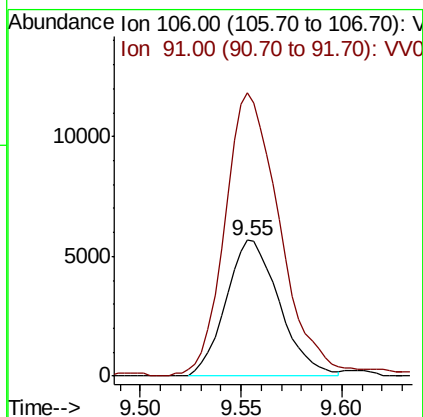
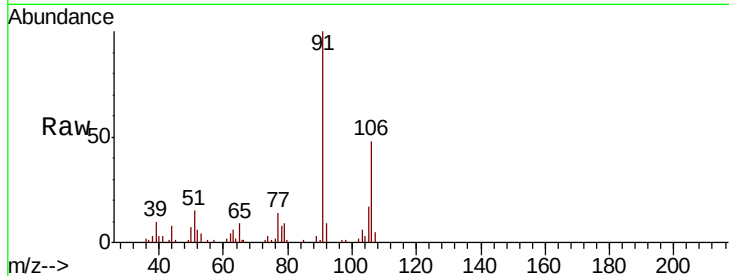




#54
o-xylene
Concen: 1.036 ug/L
RT: 9.55 min Scan# 2632
Delta R.T. 0.01 min
Lab File: VV019728.D
Acq: 19 Dec 2020 10:52

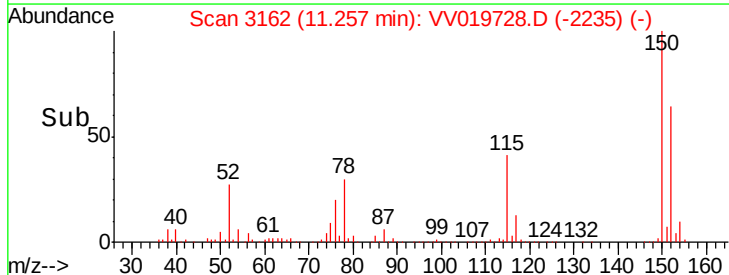
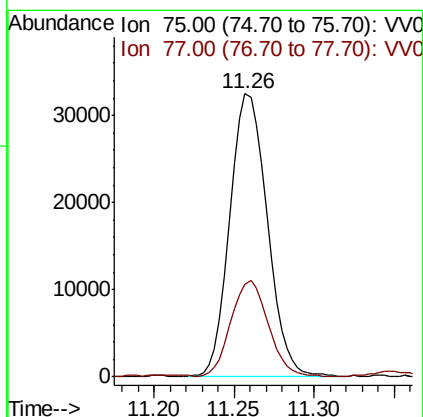
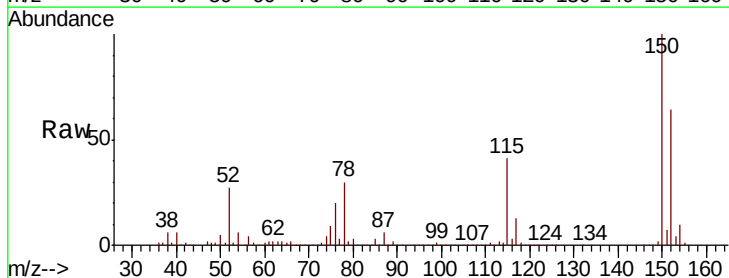
Instrument :
MSVOA_V
ClientSampleId :
C0AE7ME

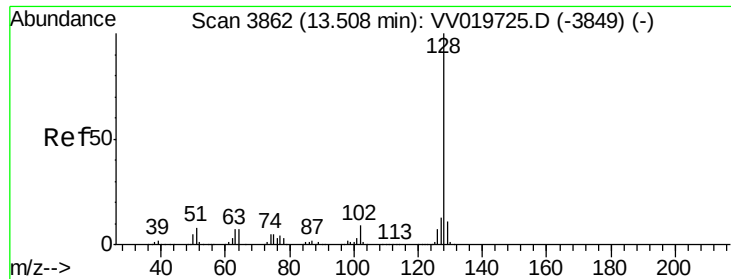
Tot Ion:106 Resp: 10512
Ion Ratio Lower Upper
106 100
91 208.5 156.7 291.1



#59
1,2,3-Trichloropropane
Concen: 6.929 ug/L
RT: 11.26 min Scan# 3162
Delta R.T. 0.98 min
Lab File: VV019728.D
Acq: 19 Dec 2020 10:52

Tgt Ion: 75 Resp: 51944
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.8





#69

Naphthalene

Concen: 0.977 ug/L

RT: 13.51 min Scan# 3864

Delta R.T. 0.01 min

Lab File: VV019728.D

Acq: 19 Dec 2020 10:52

Instrument :

MSVOA_V

ClientSampleId :

C0AE7ME

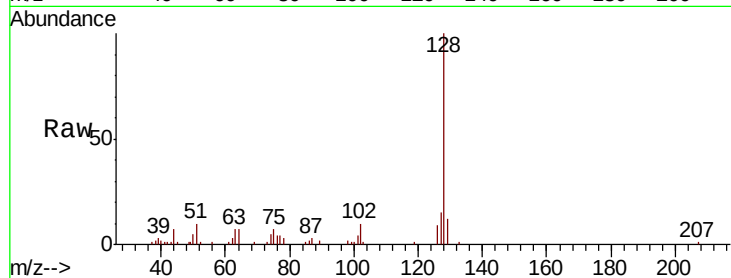
Tot Ion:128 Resp: 26189

Ion Ratio Lower Upper

128 100

127 15.0 10.3 15.5

129 10.8 8.6 12.8



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

