

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018571.D
 Acq On : 30 Sep 2020 15:52
 Operator : SY/MD
 Sample : L4171-15ME
 Misc : 6.69g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y5ME

Quant Time: Oct 04 22:40:24 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	393541	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	390094	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	210394	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110106	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.42%
7) Chloroethane-d5	1.58	69	106452	55.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.56%
11) 1,1-Dichloroethene-d2	2.10	63	179135	38.09	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.18%
21) 2-Butanone-d5	3.94	46	162571	94.43	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.43%
24) Chloroform-d	4.37	84	271267	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.70%
26) 1,2-Dichloroethane-d4	5.05	65	191554	60.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.92%
32) Benzene-d6	5.07	84	547680	55.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.86%
36) 1,2-Dichloropropane-d6	6.09	67	175497	58.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.56%
41) Toluene-d8	7.33	98	542628	58.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.74%
43) trans-1,3-Dichloropropene-	7.64	79	96949	60.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.22%
47) 2-Hexanone-d5	8.15	63	143100	126.19	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.19%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	227080	57.37	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	246497	60.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.84%#

Target Compounds

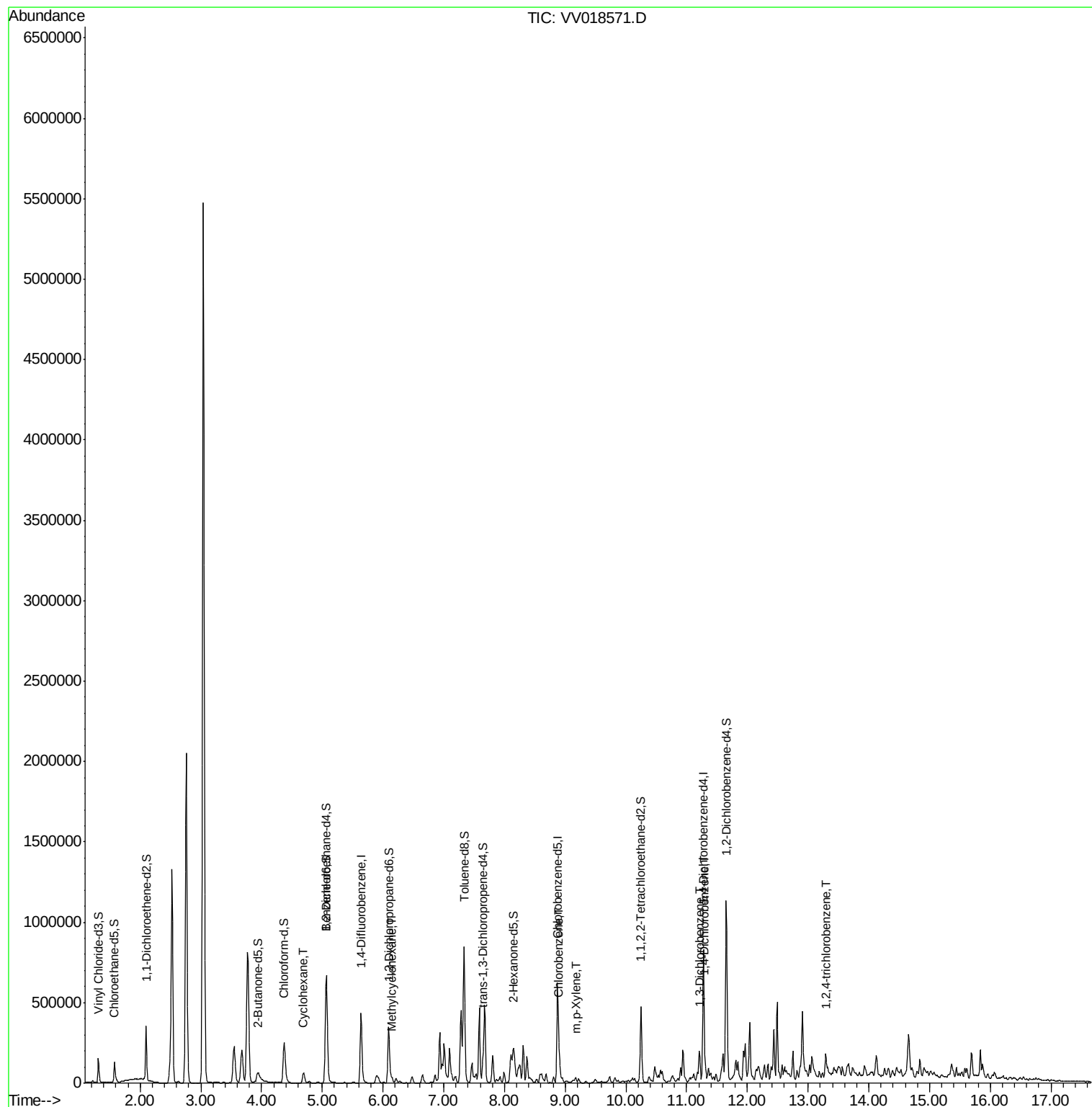
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.69	56	33541	7.539	ug/L	99
35) Methylcyclohexane	6.14	83	9105	2.029	ug/L #	73
51) Chlorobenzene	8.91	112	57793	6.891	ug/L	97
53) m,p-Xylene	9.17	106	3690	0.690	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	62858	9.232	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	31070	4.431	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	9529	2.171	ug/L #	84

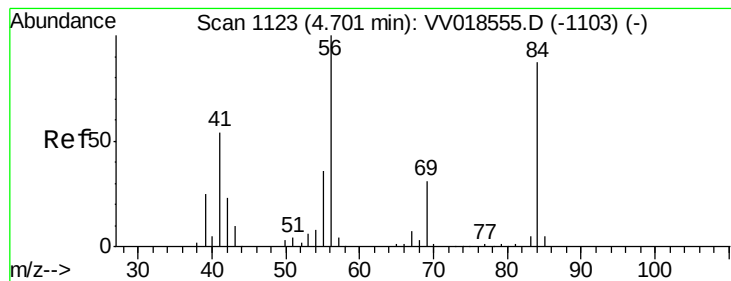
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018571.D
Acq On : 30 Sep 2020 15:52
Operator : SY/MD
Sample : L4171-15ME
Misc : 6.69µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y5ME

Quant Time: Oct 04 22:40:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 01 07:39:17 2020
Response via : Initial Calibration





#29

Cyclohexane

Concen: 7.539 ug/L

RT: 4.69 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VV018571.D

Acq: 30 Sep 2020 15:52

Instrument :

MSVOA_V

ClientSampleId :

BG3Y5ME

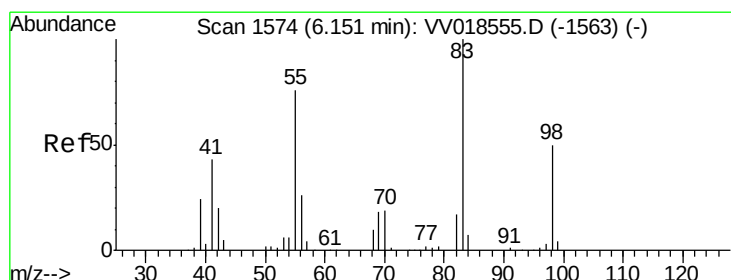
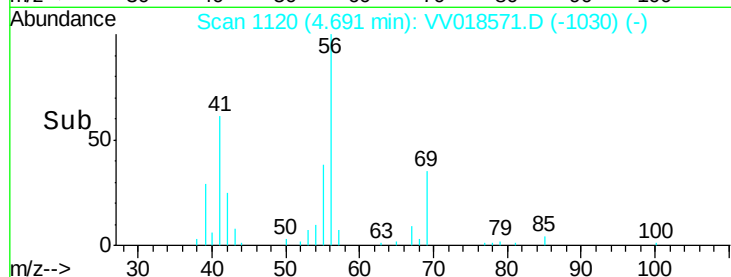
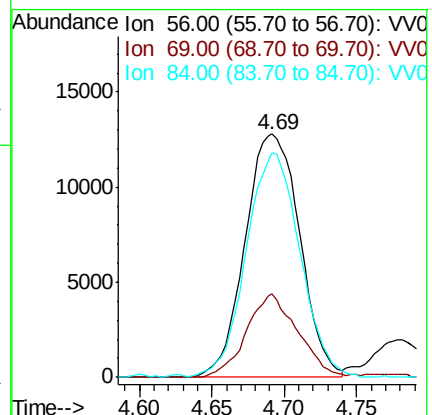
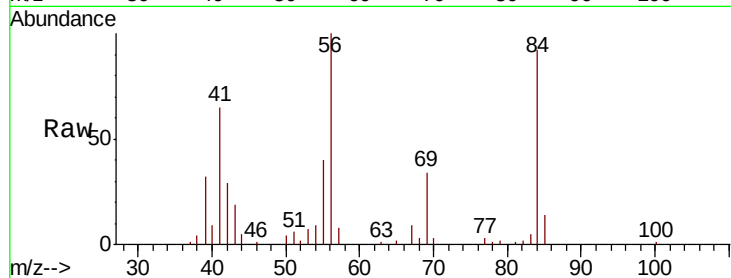
Tot Ion: 56 Resp: 33541

Ion Ratio Lower Upper

56 100

69 32.1 24.8 37.2

84 90.8 72.2 108.4



#35

Methylcyclohexane

Concen: 2.029 ug/L

RT: 6.14 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VV018571.D

Acq: 30 Sep 2020 15:52

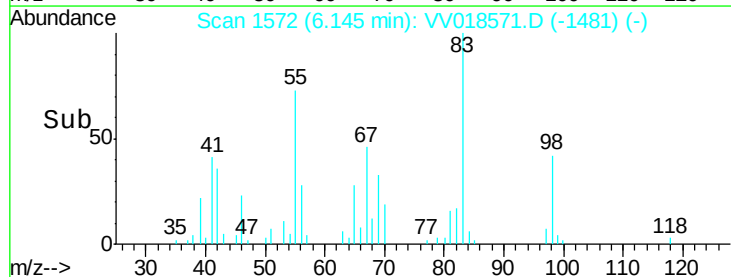
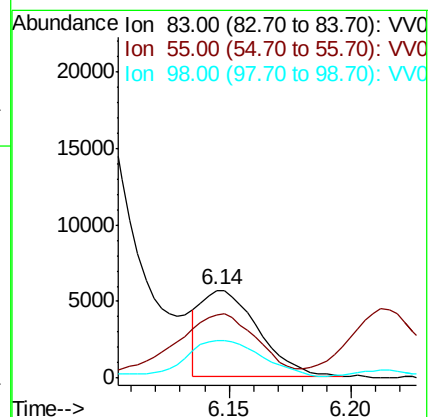
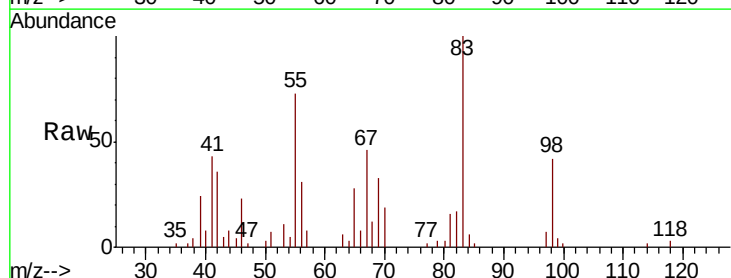
Tgt Ion: 83 Resp: 9105

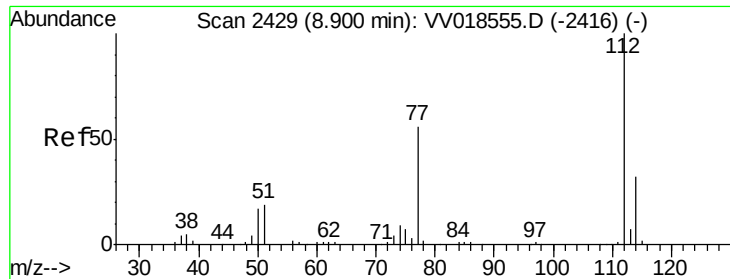
Ion Ratio Lower Upper

83 100

55 106.1 60.1 90.1#

98 60.1 40.2 60.4

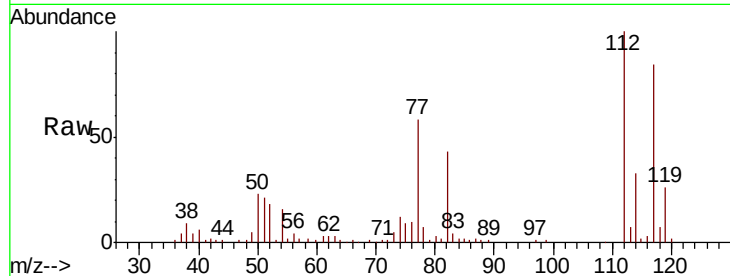




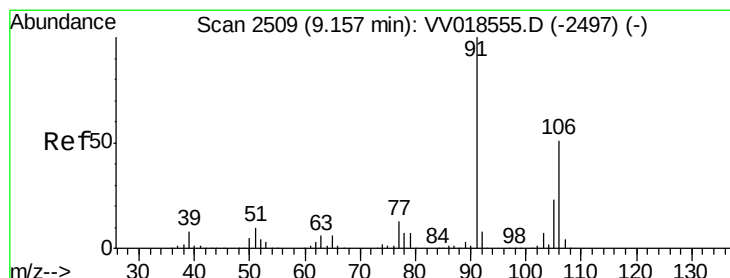
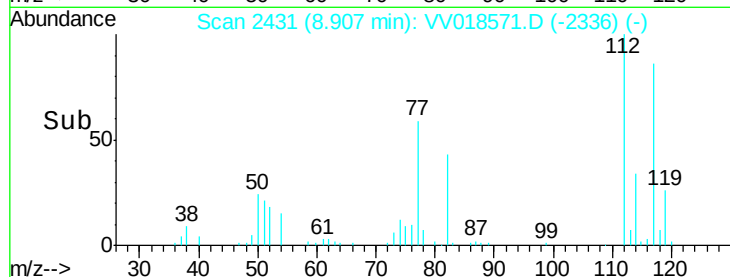
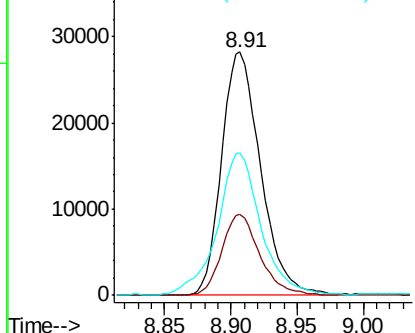
#51
Chlorobenzene
Concen: 6.891 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.01 min
Lab File: VV018571.D
Acq: 30 Sep 2020 15:52

Instrument :
MSVOA_V
ClientSampleId :
BG3Y5ME

Tot Ion:112 Resp: 57793
Ion Ratio Lower Upper
112 100
114 33.5 22.4 41.6
77 58.3 44.8 67.2

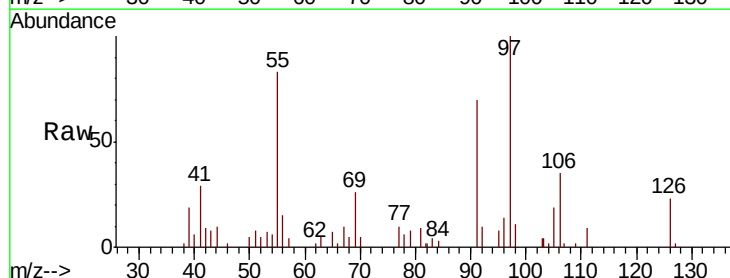


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

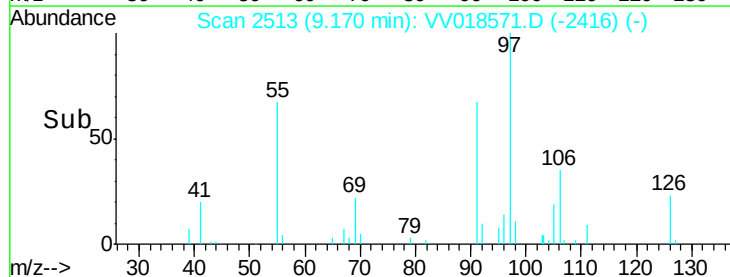
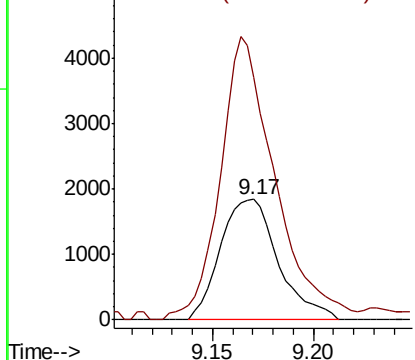


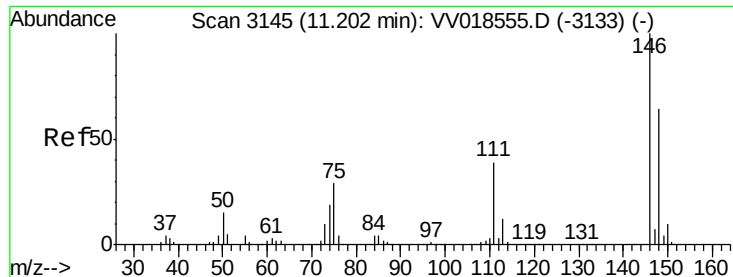
#53
m,p-Xylene
Concen: 0.690 ug/L
RT: 9.17 min Scan# 2513
Delta R.T. 0.01 min
Lab File: VV018571.D
Acq: 30 Sep 2020 15:52

Tgt Ion:106 Resp: 3690
Ion Ratio Lower Upper
106 100
91 201.7 142.3 264.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

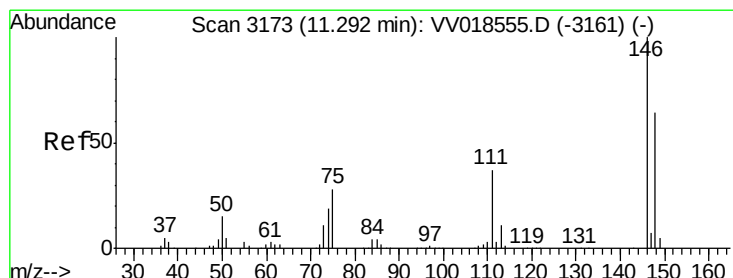
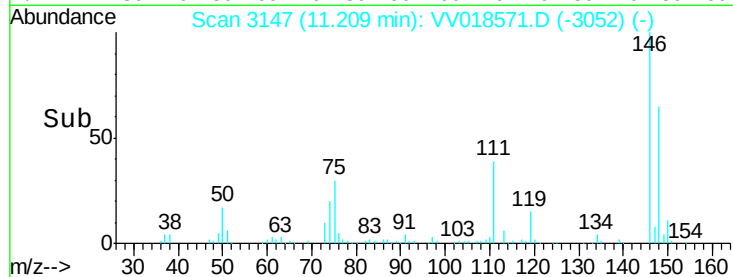
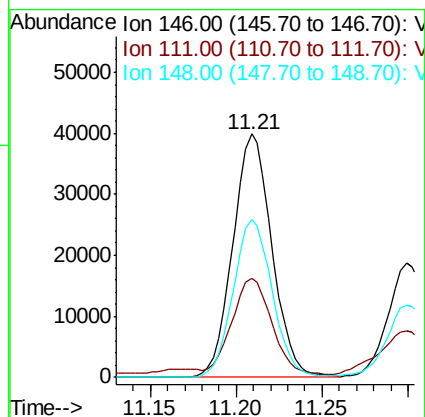
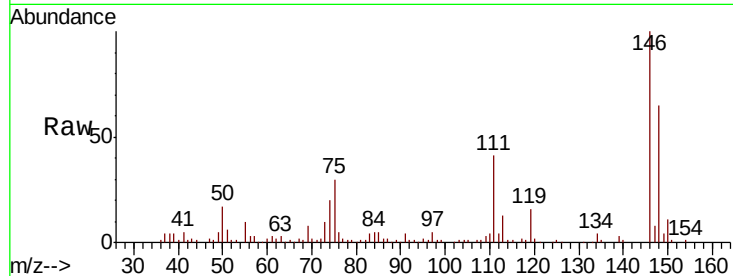




#62
 1,3-Dichlorobenzene
 Concen: 9.232 ug/L
 RT: 11.21 min Scan# 3147
 Delta R.T. 0.01 min
 Lab File: VV018571.D
 Acq: 30 Sep 2020 15:52

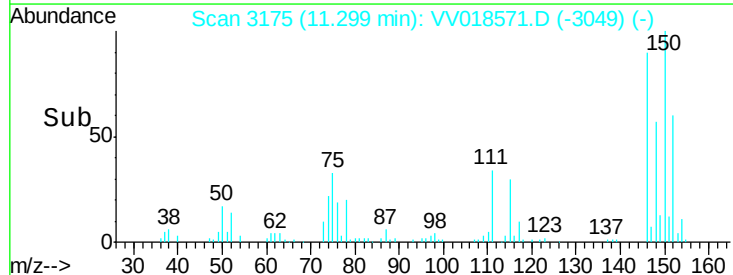
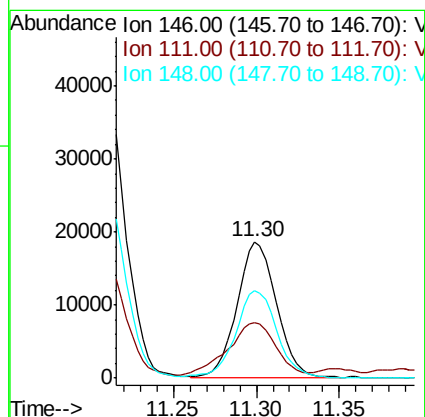
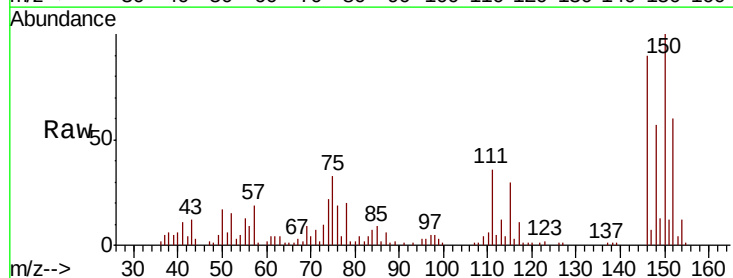
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y5ME

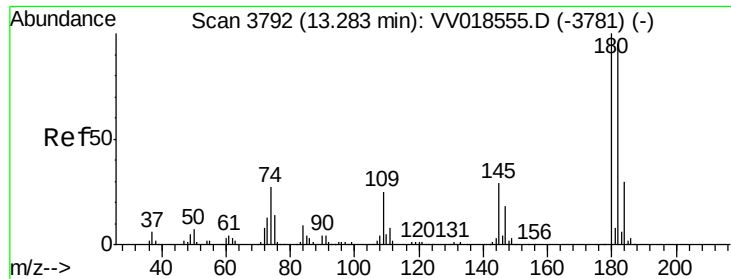
Tot Ion:146 Resp: 62858
 Ion Ratio Lower Upper
 146 100
 111 40.9 26.8 49.8
 148 64.9 44.0 81.8



#63
 1,4-Dichlorobenzene
 Concen: 4.431 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.01 min
 Lab File: VV018571.D
 Acq: 30 Sep 2020 15:52

Tgt Ion:146 Resp: 31070
 Ion Ratio Lower Upper
 146 100
 111 40.7 26.2 48.6
 148 63.7 44.4 82.5





#68
 1,2,4-trichlorobenzene
 Concen: 2.171 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018571.D
 Acq: 30 Sep 2020 15:52

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y5ME

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.3	114.5
145	65.4	23.6	35.4

