

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015683.D
 Acq On : 24 Apr 2020 18:51
 Operator : SY/MD
 Sample : L2370-22MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKP2MS

Quant Time: Apr 25 03:52:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	126995	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122409	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58726	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32737	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	28614	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.12	63	68147	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	3.91	46	107084	50.25	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.50%
24) Chloroform-d	4.38	84	72297	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.06	65	41813	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.07	84	137961	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.09	67	43866	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	126407	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.65	79	12139	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	8.11	63	82790	47.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32351	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	49386	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

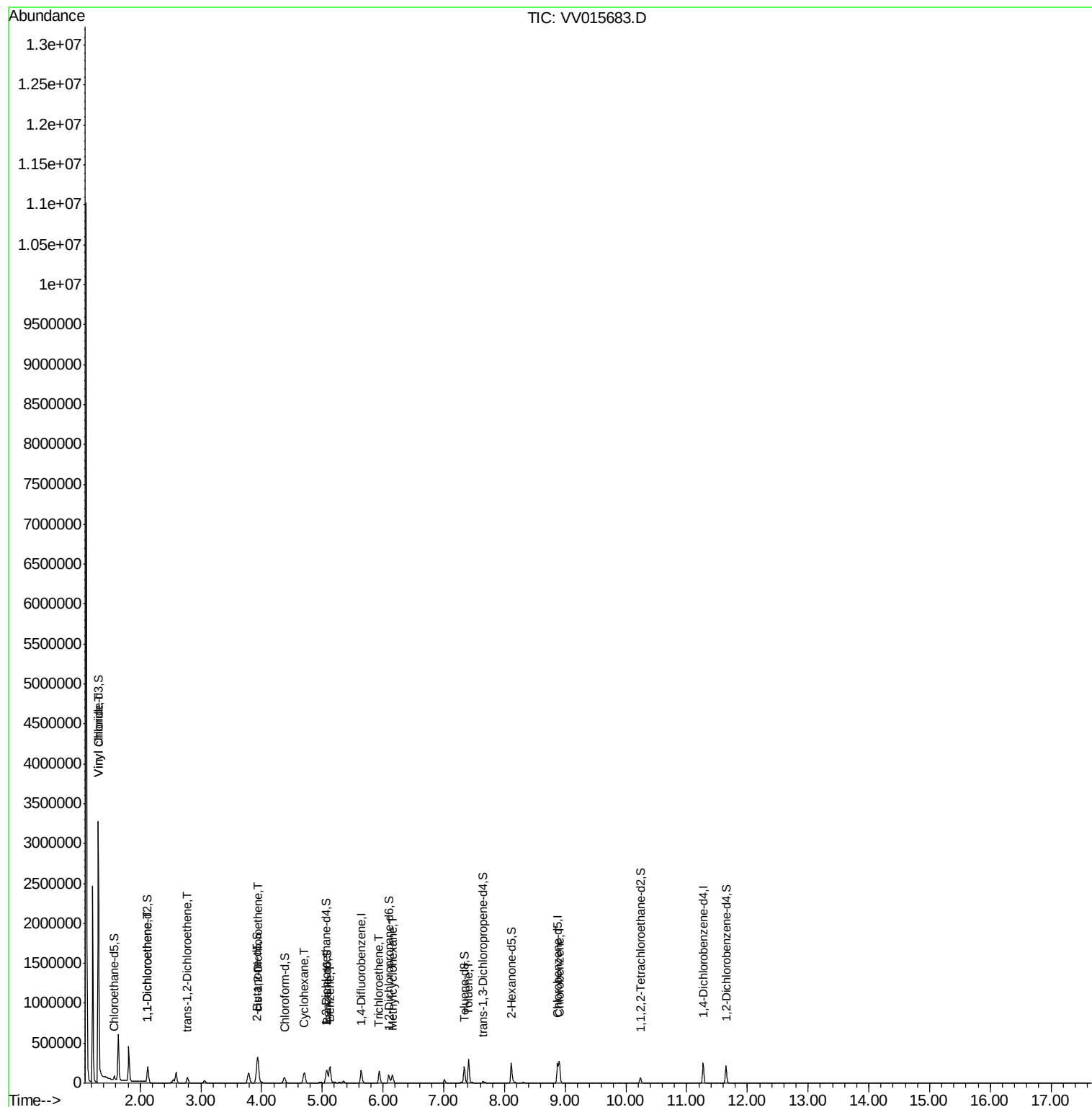
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	316799	31.521	ug/L	98
12) 1,1-Dichloroethene	2.13	96	40187	5.437	ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	13589	1.642	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	155164	16.957	ug/L	100
30) Cyclohexane	4.70	56	71363	4.812	ug/L	99
33) Benzene	5.13	78	200999	5.747	ug/L	100
34) Trichloroethene	5.94	95	51781	5.361	ug/L	97
35) Methylcyclohexane	6.15	83	40289	2.718	ug/L	95
42) Toluene	7.41	91	204748	5.479	ug/L	100
51) Chlorobenzene	8.90	112	130033	5.312	ug/L	95

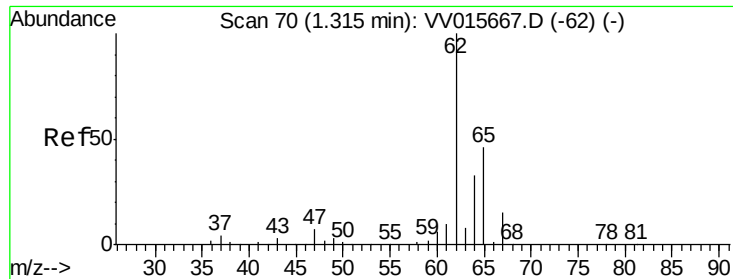
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042420\
Data File : VV015683.D
Acq On : 24 Apr 2020 18:51
Operator : SY/MD
Sample : L2370-22MS
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKP2MS

Quant Time: Apr 25 03:52:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 25 00:15:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 31.521 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015683.D

Acq: 24 Apr 2020 18:51

Instrument :

MSVOA_V

ClientSampleId :

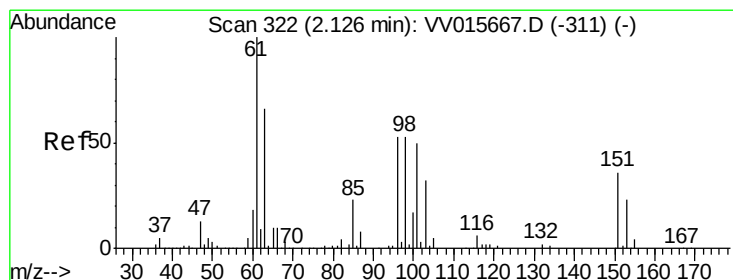
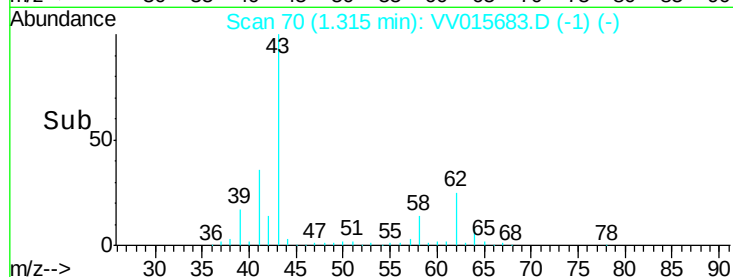
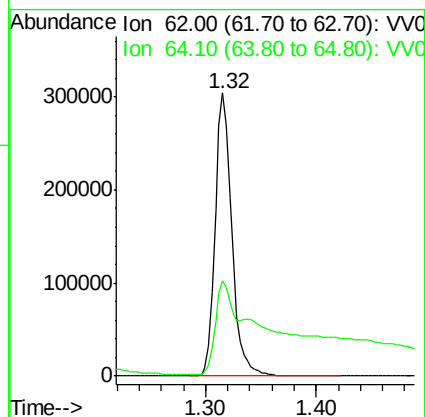
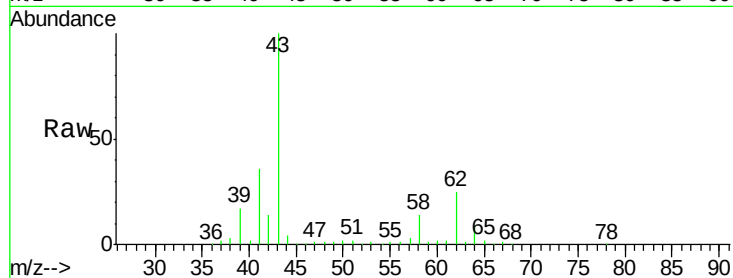
ETKP2MS

Tot Ion: 62 Resp: 316799

Ion Ratio Lower Upper

62 100

64 33.7 22.7 42.1



#12

1,1-Dichloroethene

Concen: 5.437 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015683.D

Acq: 24 Apr 2020 18:51

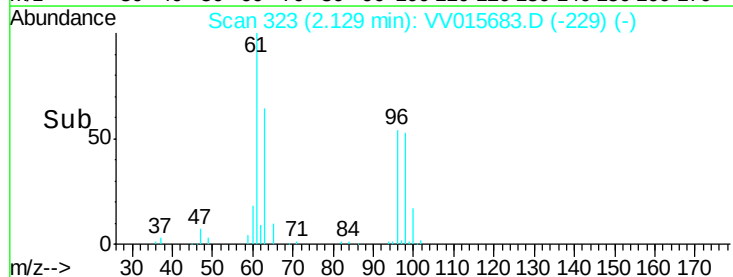
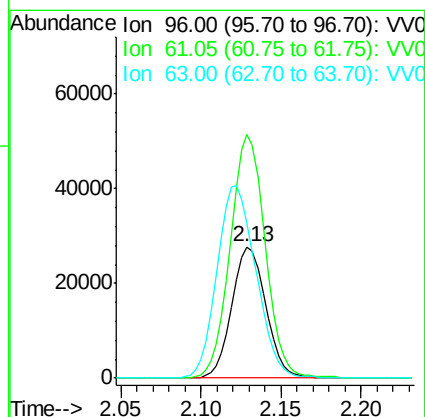
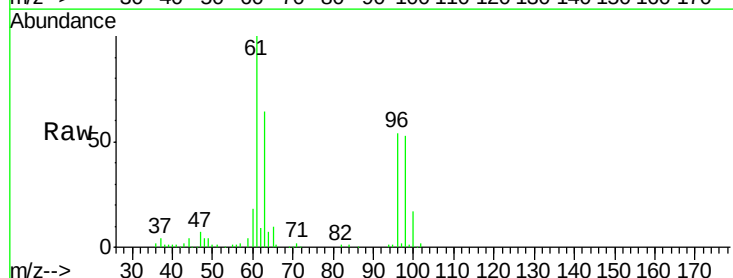
Tgt Ion: 96 Resp: 40187

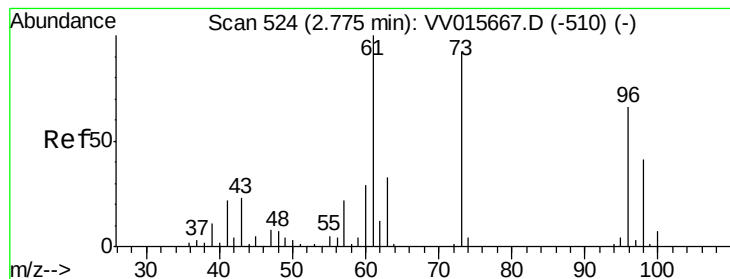
Ion Ratio Lower Upper

96 100

61 185.6 130.1 241.7

63 118.8 91.4 169.8





#18

trans-1,2-Dichloroethene

Concen: 1.642 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV015683.D

Acq: 24 Apr 2020 18:51

Instrument :

MSVOA_V

ClientSampleId :

ETKP2MS

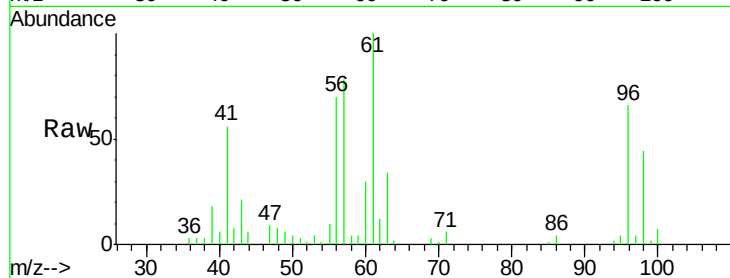
Tot Ion: 96 Resp: 13589

Ion Ratio Lower Upper

96 100

61 151.4 105.5 195.9

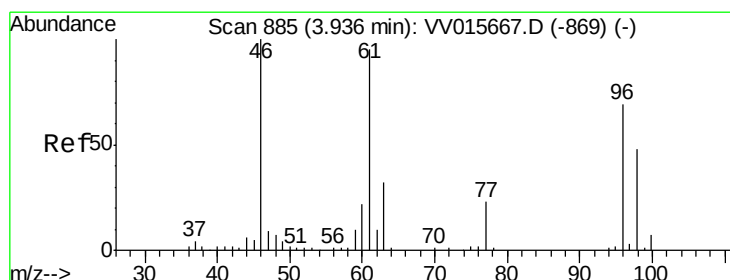
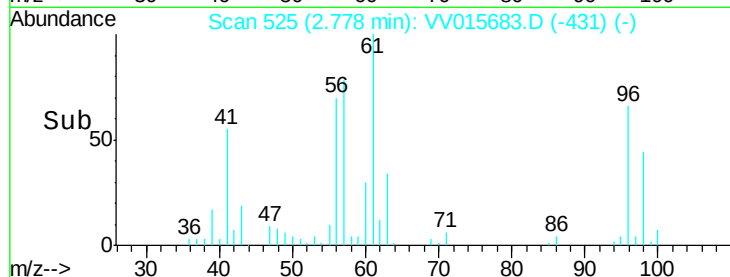
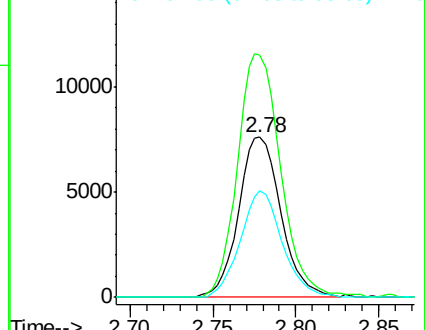
98 66.2 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 16.957 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV015683.D

Acq: 24 Apr 2020 18:51

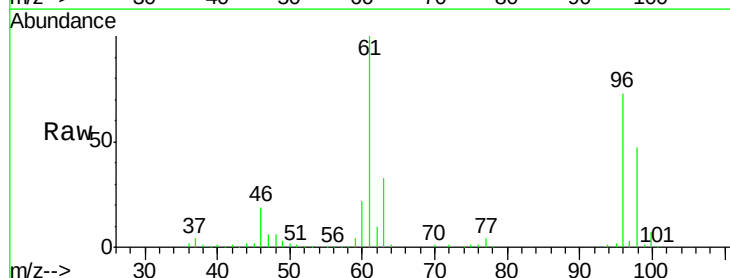
Tgt Ion: 96 Resp: 155164

Ion Ratio Lower Upper

96 100

61 137.7 96.4 179.0

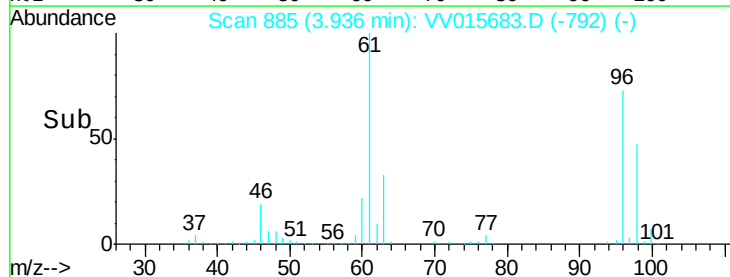
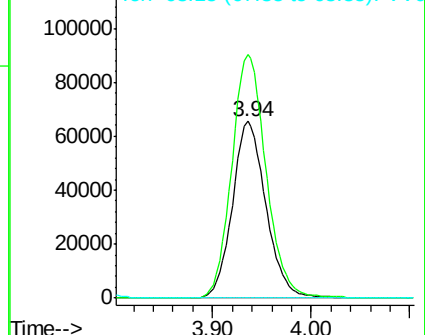
68 0.0 0.0 0.0

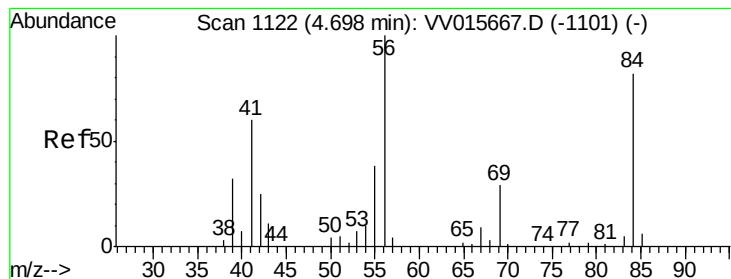


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#30

Cyclohexane

Concen: 4.812 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VV015683.D

Acq: 24 Apr 2020 18:51

Instrument :

MSVOA_V

ClientSampleId :

ETKP2MS

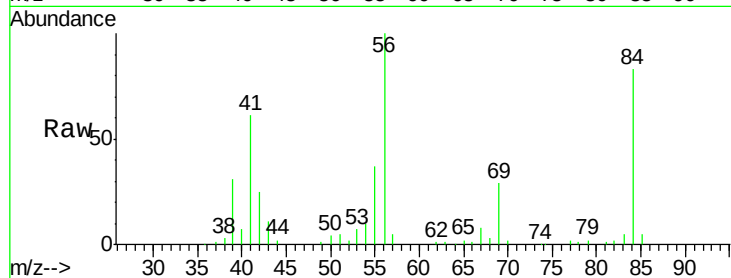
Tot Ion: 56 Resp: 71363

Ion Ratio Lower Upper

56 100

69 30.2 23.9 35.9

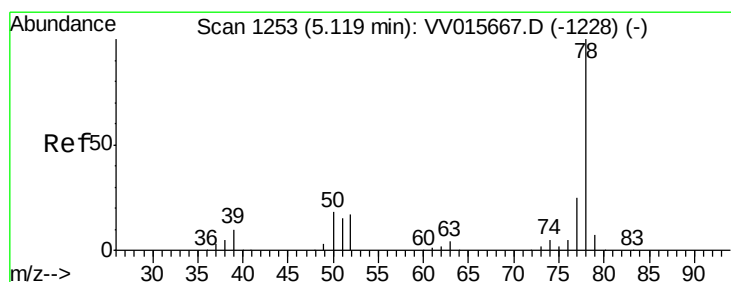
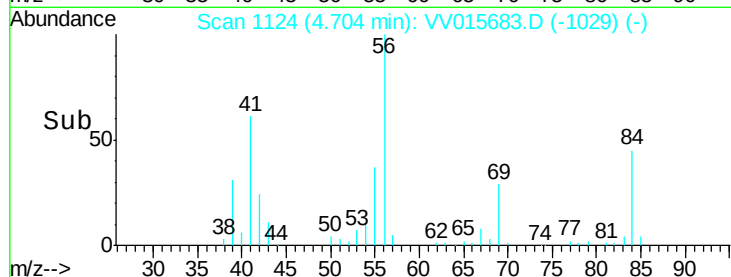
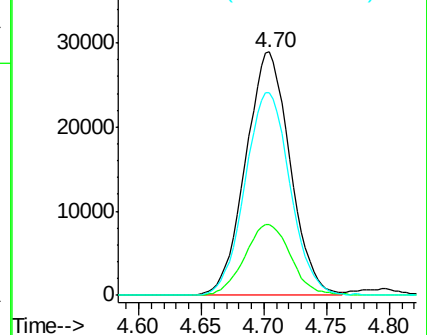
84 84.2 66.9 100.3



Abundance Ion 56.10 (55.80 to 56.80): VV015683.D (-1029) (-)

Ion 69.15 (68.85 to 69.85): VV015683.D (-1029) (-)

Ion 84.15 (83.85 to 84.85): VV015683.D (-1029) (-)



#33

Benzene

Concen: 5.747 ug/L

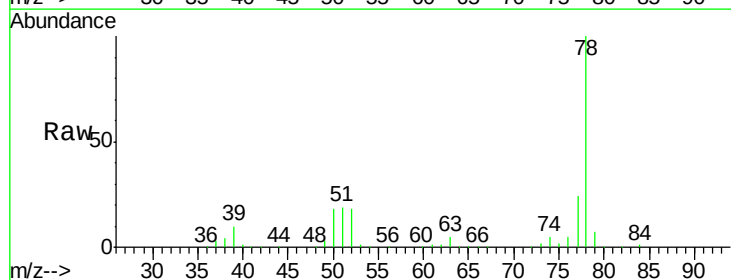
RT: 5.13 min Scan# 1255

Delta R.T. 0.01 min

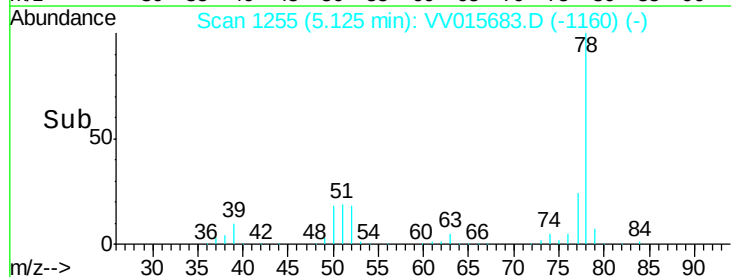
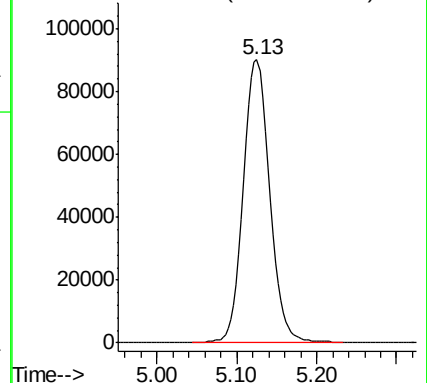
Lab File: VV015683.D

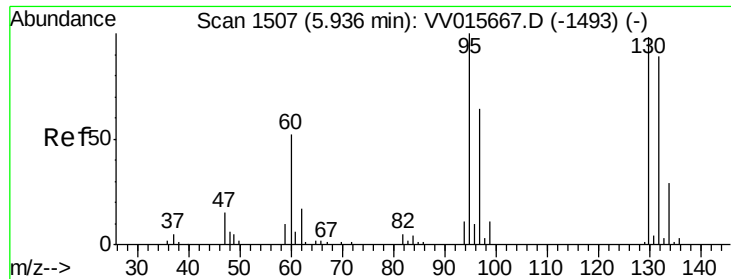
Acq: 24 Apr 2020 18:51

Tgt Ion: 78 Resp: 200999



Abundance Ion 78.10 (77.80 to 78.80): VV015683.D (-1160) (-)

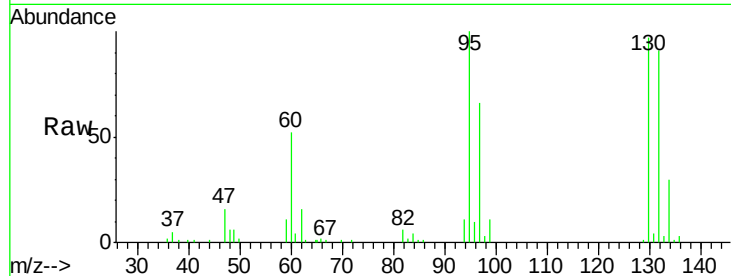




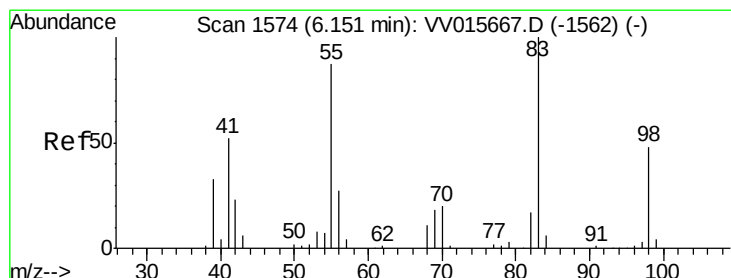
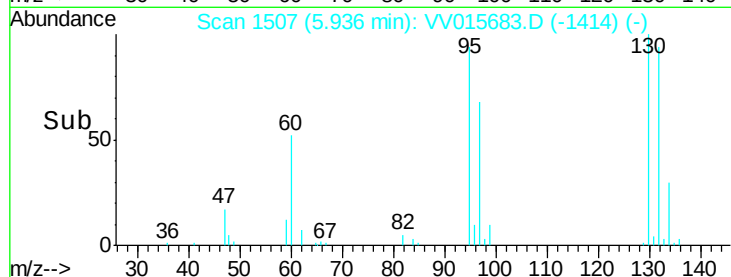
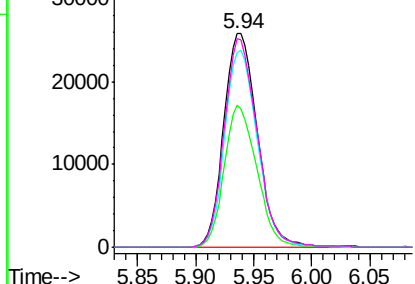
#34
 Trichloroethene
 Concen: 5.361 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV015683.D
 Acq: 24 Apr 2020 18:51

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKP2MS

Tot Ion: 95 Resp: 51781
 Ion Ratio Lower Upper
 95 100
 97 66.4 44.7 82.9
 132 91.2 65.2 121.0
 130 97.5 65.0 120.6

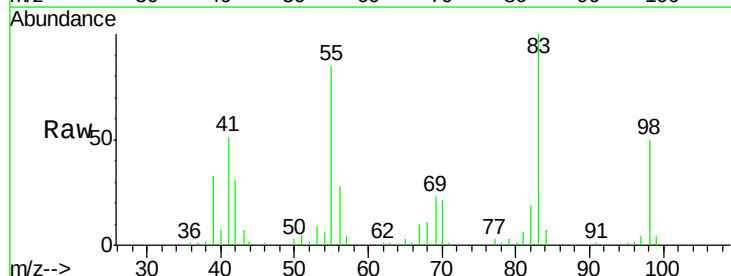


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

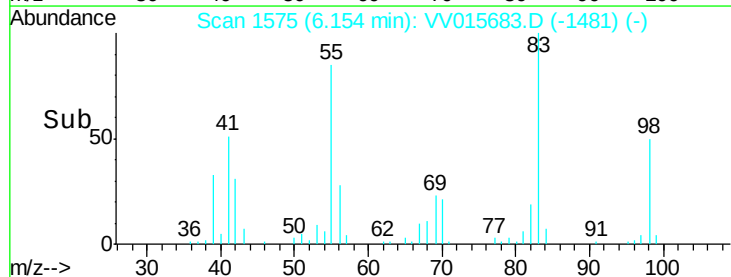
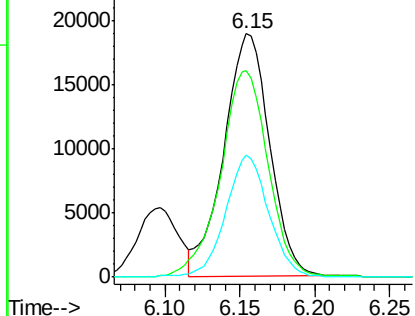


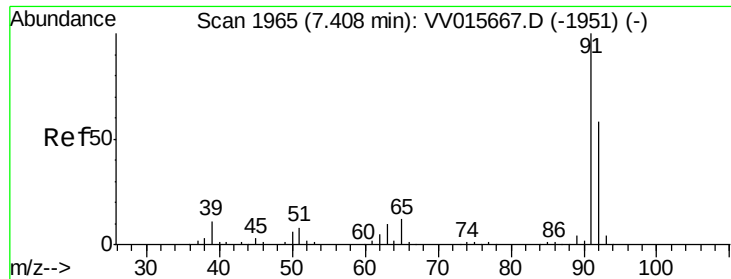
#35
 Methylcyclohexane
 Concen: 2.718 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VV015683.D
 Acq: 24 Apr 2020 18:51

Tgt Ion: 83 Resp: 40289
 Ion Ratio Lower Upper
 83 100
 55 89.0 66.6 99.8
 98 47.4 39.5 59.3



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#42

Toluene

Concen: 5.479 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV015683.D

Acq: 24 Apr 2020 18:51

Instrument :

MSVOA_V

ClientSampleId :

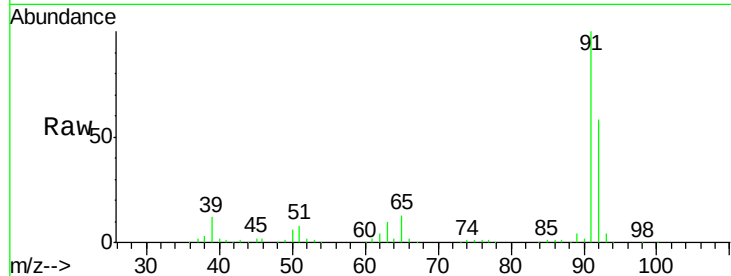
ETKP2MS

Tot Ion: 91 Resp: 204748

Ion Ratio Lower Upper

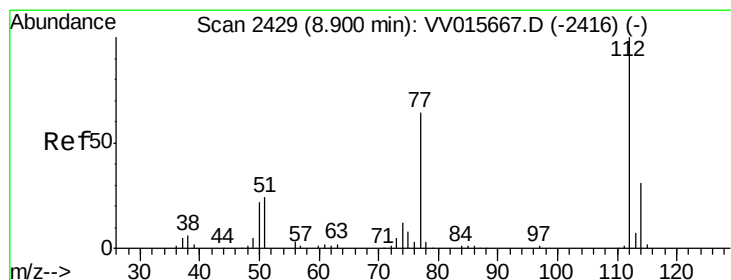
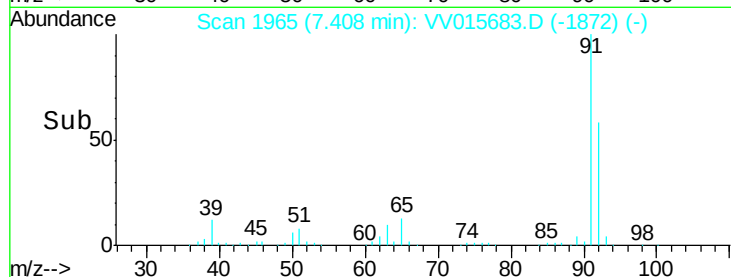
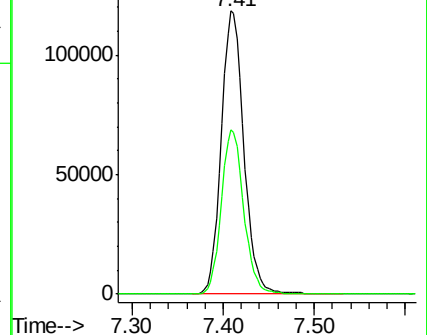
91 100

92 58.0 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV015667.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV015667.D (-1951) (-)



#51

Chlorobenzene

Concen: 5.312 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015683.D

Acq: 24 Apr 2020 18:51

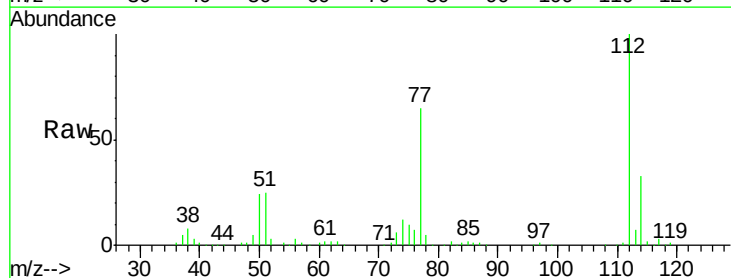
Tgt Ion: 112 Resp: 130033

Ion Ratio Lower Upper

112 100

114 32.9 21.6 40.2

77 65.2 48.9 73.3



Abundance Ion 112.10 (111.80 to 112.80): VV015667.D (-2416) (-)

Ion 114.05 (113.75 to 114.75): VV015667.D (-2416) (-)

Ion 77.10 (76.80 to 77.80): VV015667.D (-2416) (-)

