

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016146.D
 Acq On : 21 May 2020 12:15
 Operator : SY/MD
 Sample : VV0521WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:53:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:50:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	146256	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138788	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63561	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31468	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	35029	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.12	63	57095	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.96	46	87896	38.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.66%
24) Chloroform-d	4.37	84	83369	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	44720	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.07	84	161938	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.09	67	50435	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.34	98	141529	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
45) trans-1,3-Dichloropropene-	7.65	79	14440	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
48) 2-Hexanone-d5	8.12	63	69102	39.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30502	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	50255	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

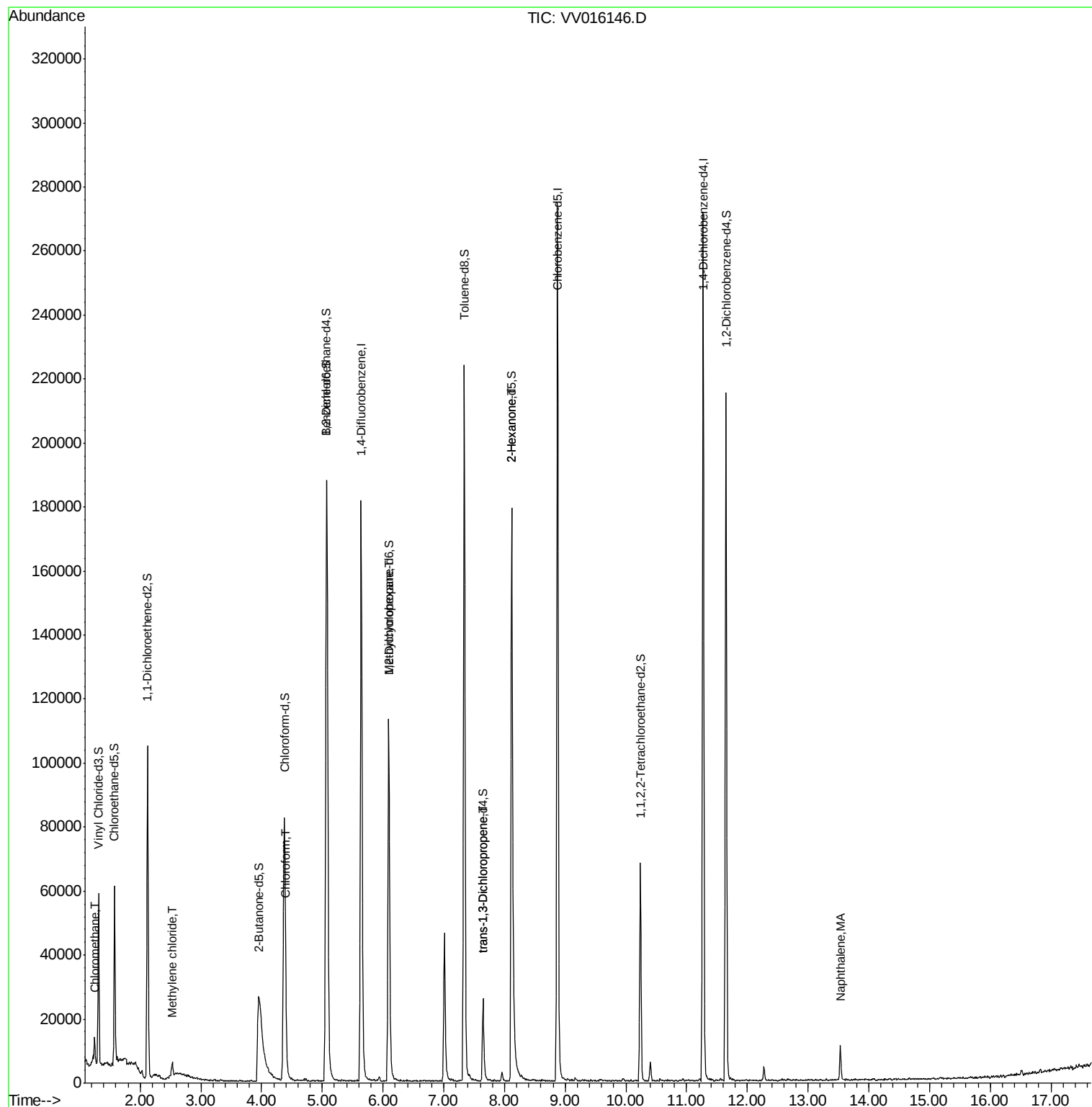
					Ovalue
3) Chloromethane	1.25	50	4684	0.413 ug/L	100
16) Methylene chloride	2.52	84	1629	0.169 ug/L	89
25) Chloroform	4.41	83	3743	0.198 ug/L	97
35) Methylcyclohexane	6.09	83	12542	0.832 ug/L #	16
46) trans-1,3-Dichloropropene	7.64	75	974	0.092 ug/L #	78
50) 2-Hexanone	8.12	43	9451	2.417 ug/L #	79
70) Naphthalene	13.53	128	8994	0.526 ug/L	99

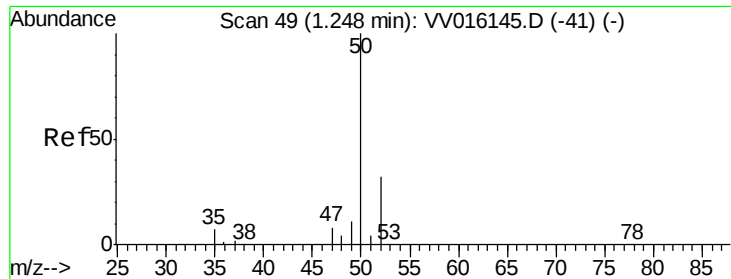
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:50:48 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.413 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016146.D

Acq: 21 May 2020 12:15

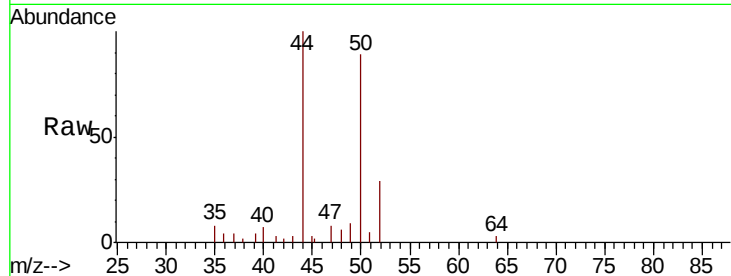
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 4684

Ion Ratio Lower Upper

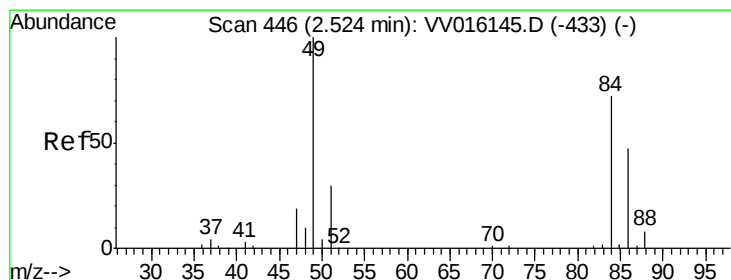
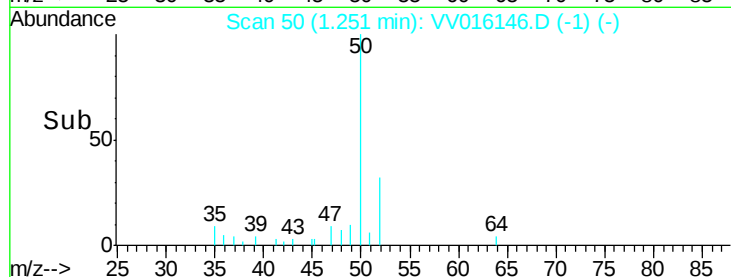
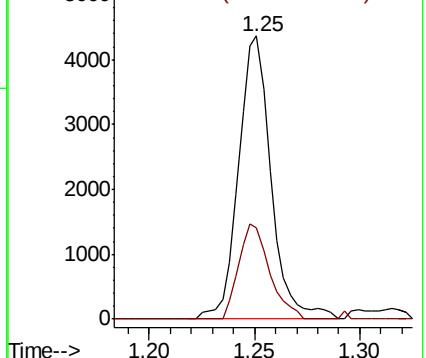
50 100

52 32.4 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#16

Methylene chloride

Concen: 0.169 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV016146.D

Acq: 21 May 2020 12:15

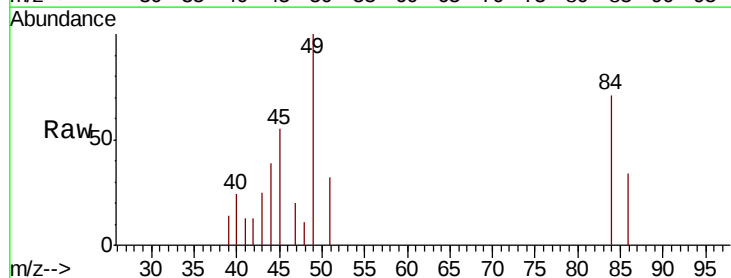
Tgt Ion: 84 Resp: 1629

Ion Ratio Lower Upper

84 100

86 48.7 45.6 84.8

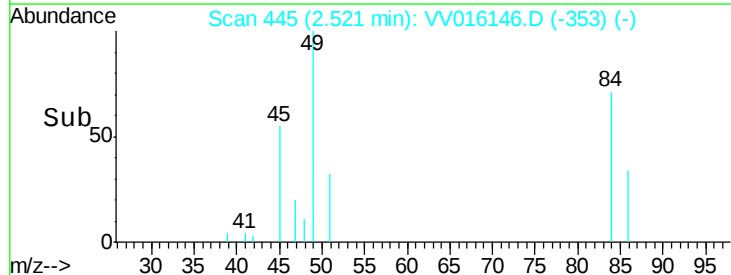
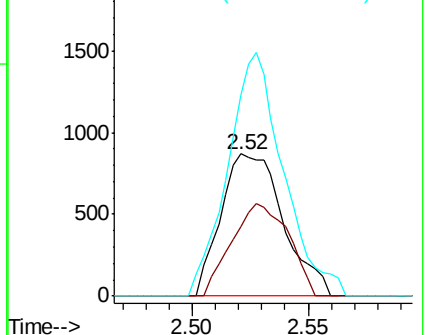
49 141.5 93.6 173.8

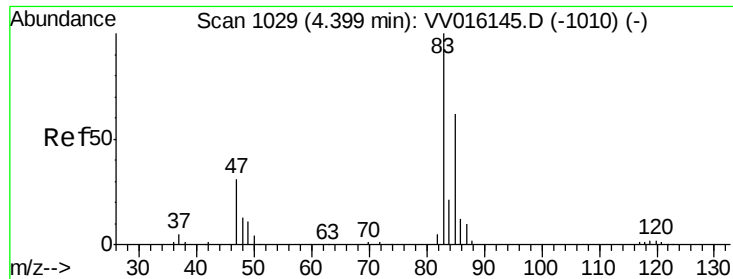


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

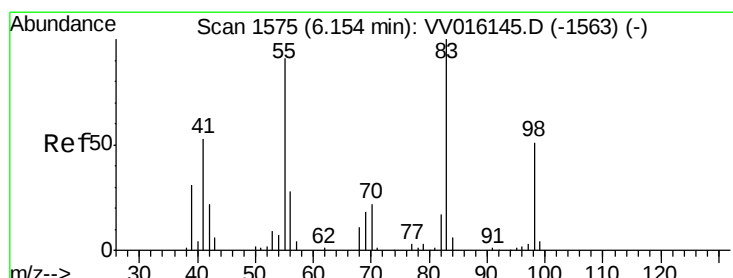
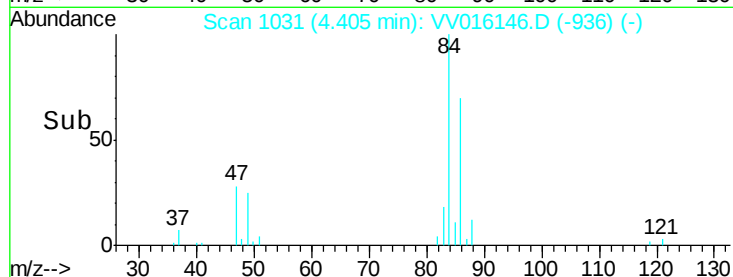
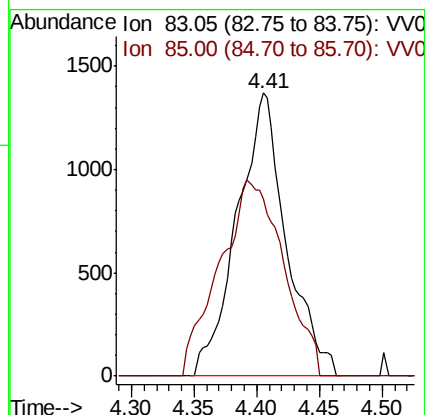
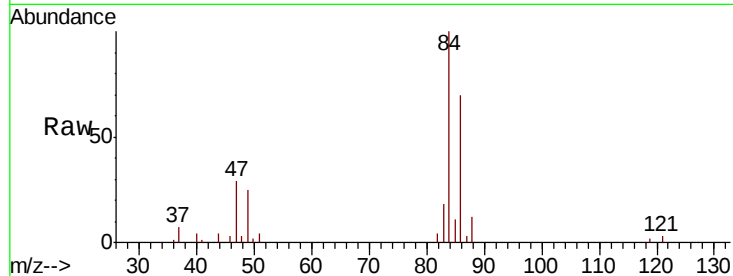




#25
Chloroform
Concen: 0.198 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016146.D
Acq: 21 May 2020 12:15

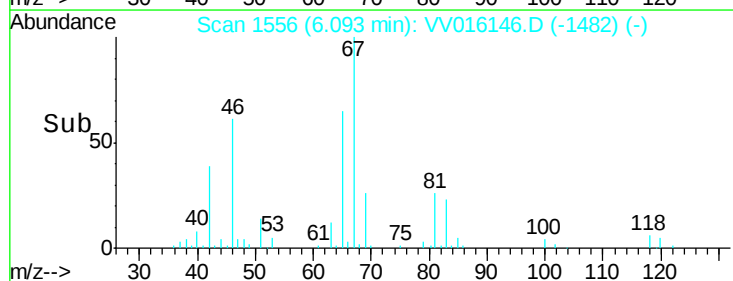
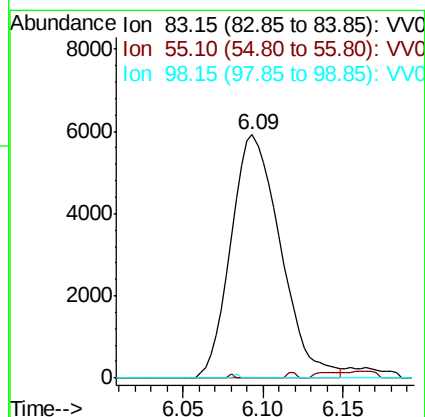
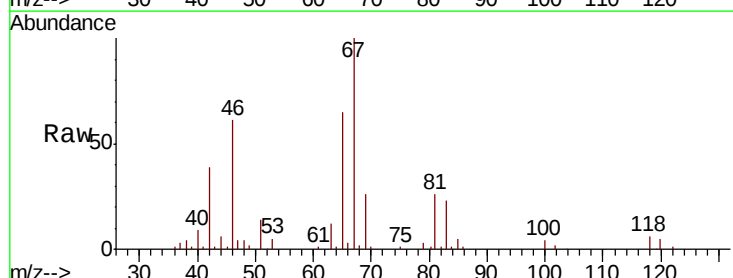
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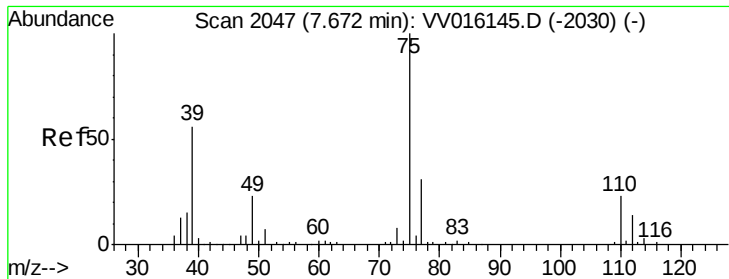
Tot Ion: 83 Resp: 3743
Ion Ratio Lower Upper
83 100
85 62.8 45.7 84.9



#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016146.D
Acq: 21 May 2020 12:15

Tgt Ion: 83 Resp: 12542
Ion Ratio Lower Upper
83 100
55 0.2 66.2 99.2#
98 0.2 37.9 56.9#

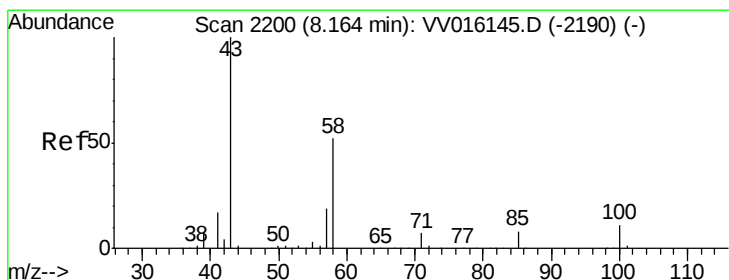
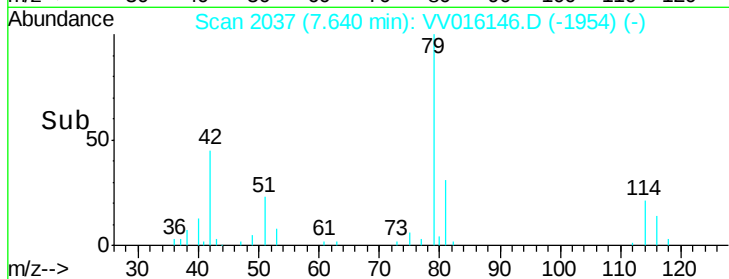
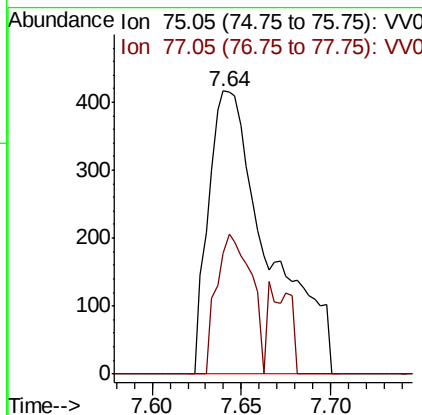
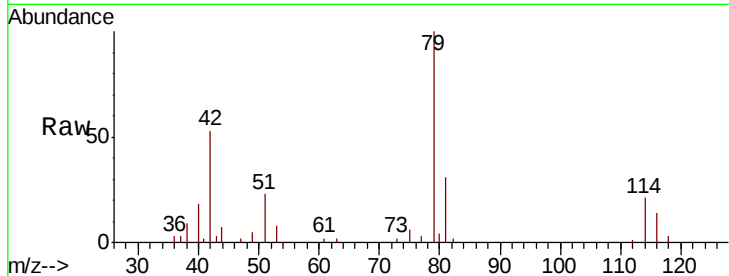




#46
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016146.D
Acq: 21 May 2020 12:15

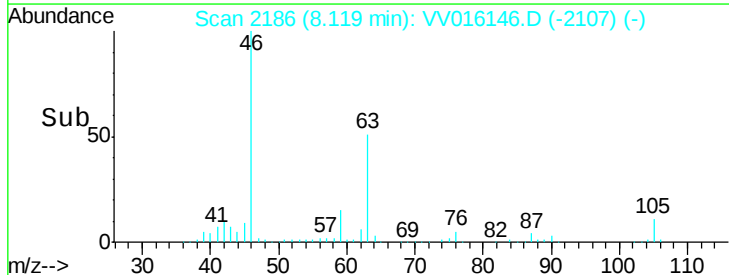
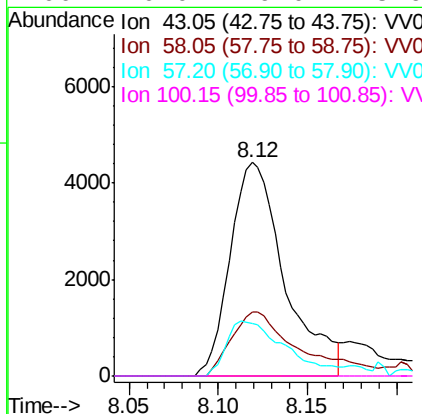
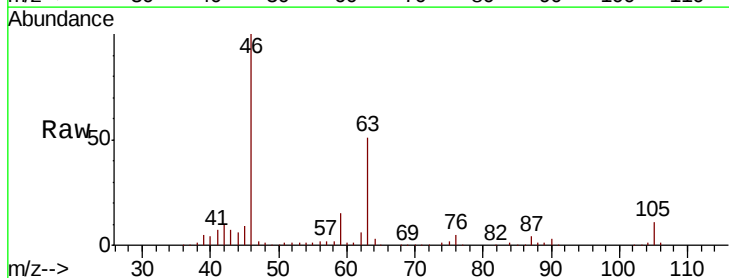
Instrument :
MSVOA_V
ClientSampleId :

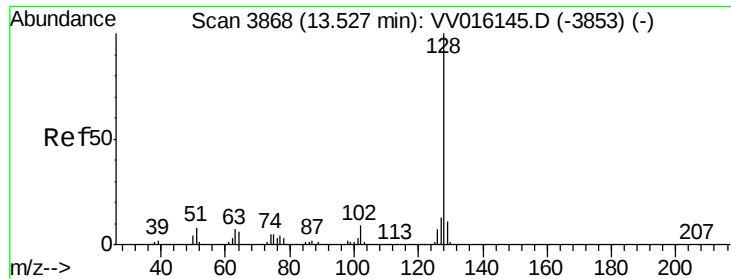
Tot Ion: 75 Resp: 974
Ion Ratio Lower Upper
75 100
77 42.4 21.3 39.6#



#50
2-Hexanone
Concen: 2.417 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016146.D
Acq: 21 May 2020 12:15

Tgt Ion: 43 Resp: 9451
Ion Ratio Lower Upper
43 100
58 37.7 40.8 61.2#
57 28.0 14.7 22.1#
100 0.0 9.0 13.6#





#70

Naphthalene

Concen: 0.526 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016146.D

Acq: 21 May 2020 12:15

Instrument :

MSVOA_V

ClientSampleId :

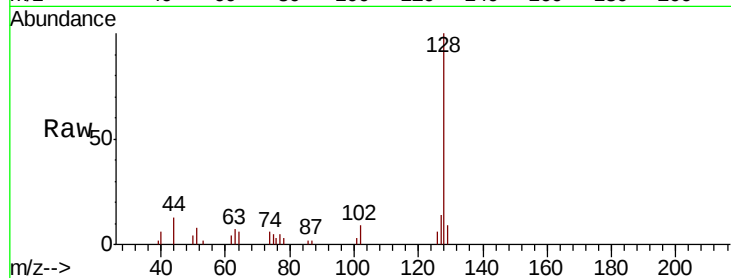
Tot Ion:128 Resp: 8994

Ion Ratio Lower Upper

128 100

129 10.0 8.5 12.7

127 12.7 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

